

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116526.D
 Acq On : 25 Aug 2019 12:38
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	149883	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	610686	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	322104	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	536519	20.00	ng	0.00
76) Chrysene-d12	14.03	240	351849	20.00	ng	0.00
87) Perylene-d12	15.50	264	313111	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	714780	69.68	ng	0.00
7) Phenol-d6	6.51	99	917710	72.96	ng	0.00
23) Nitrobenzene-d5	7.45	82	871400	78.07	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	231763	83.80	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1542267	77.11	ng	0.00
79) Terphenyl-d14	12.98	244	1543841	81.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	154747	34.842	ng	100
3) Pyridine	3.45	79	458987	33.936	ng	99
4) n-Nitrosodimethylamine	3.40	42	172561	34.949	ng	98
6) Aniline	6.55	93	620574	36.444	ng	99
8) 2-Chlorophenol	6.67	128	392787	36.489	ng	98
9) Benzaldehyde	6.43	77	306085	36.422	ng	98
10) Phenol	6.52	94	515943	37.775	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	383359	36.863	ng	99
12) 1,3-Dichlorobenzene	6.83	146	446962	38.362	ng	97
13) 1,4-Dichlorobenzene	6.90	146	445103	39.693	ng	99
14) 1,2-Dichlorobenzene	7.06	146	415243	39.253	ng	97
15) Benzyl Alcohol	7.02	79	364418	35.802	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	505454	35.152	ng	98
17) 2-Methylphenol	7.13	107	330784	37.088	ng	99
18) Hexachloroethane	7.40	117	167923	38.396	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	296736	34.574	ng	96
20) 3+4-Methylphenols	7.29	107	412520	37.757	ng	93
22) Acetophenone	7.29	105	570174	37.338	ng	98
24) Nitrobenzene	7.46	77	438236	37.911	ng	99
25) Isophorone	7.70	82	789935	35.911	ng	98
26) 2-Nitrophenol	7.78	139	206302	48.859	ng	94
27) 2,4-Dimethylphenol	7.82	122	328391	37.274	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	496564	36.554	ng	99
29) 2,4-Dichlorophenol	8.02	162	324991	38.789	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	382487	40.551	ng	99
31) Naphthalene	8.19	128	1140563	38.608	ng	99
32) Benzoic acid	7.93	122	183873	32.646	ng	92
33) 4-Chloroaniline	8.23	127	502017	38.709	ng	97
34) Hexachlorobutadiene	8.31	225	215896	41.969	ng	100
35) Caprolactam	8.60	113	102129	34.994	ng	91
36) 4-Chloro-3-methylphenol	8.71	107	347027	36.708	ng	92
37) 2-Methylnaphthalene	8.87	142	763929	37.662	ng	98
38) 1-Methylnaphthalene	8.97	142	717332	37.858	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	350648	40.462	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116526.D
 Acq On : 25 Aug 2019 12:38
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 06:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

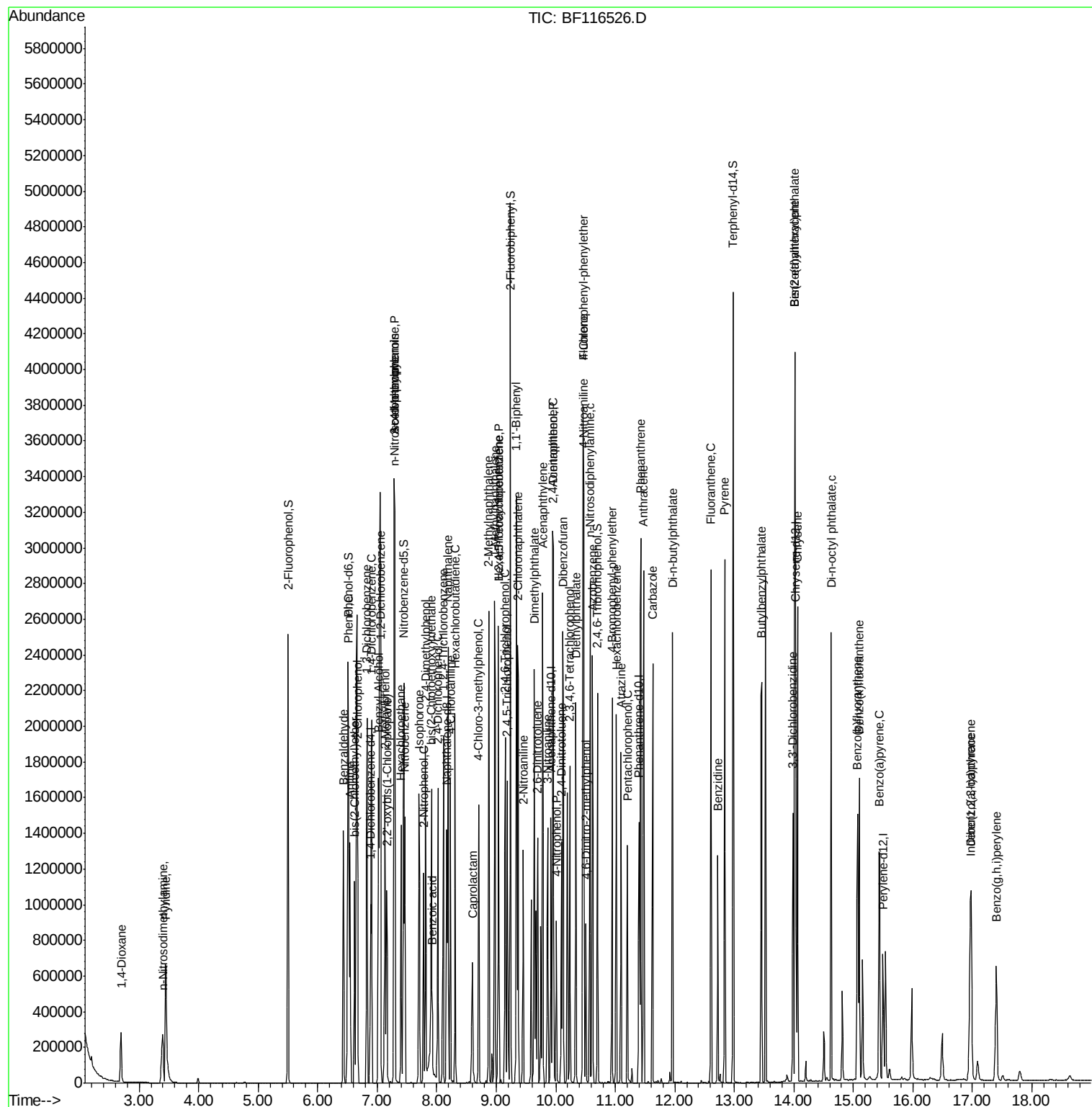
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	188278	40.381	ng	100
43) 2,4,6-Trichlorophenol	9.15	196	241226	39.773	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	241729	39.170	ng	98
46) 1,1'-Biphenyl	9.34	154	980893	38.089	ng	99
47) 2-Chloronaphthalene	9.37	162	756538	37.893	ng	99
48) 2-Nitroaniline	9.45	65	237251	38.811	ng	96
49) Acenaphthylene	9.78	152	1102687	37.751	ng	99
50) Dimethylphthalate	9.64	163	855331	38.060	ng	100
51) 2,6-Dinitrotoluene	9.70	165	190910	41.503	ng	90
52) Acenaphthene	9.95	154	722792	38.563	ng	99
53) 3-Nitroaniline	9.86	138	211853	38.637	ng	96
54) 2,4-Dinitrophenol	9.96	184	71709	44.044	ng	# 14
55) Dibenzofuran	10.12	168	991393	37.945	ng	98
56) 4-Nitrophenol	10.01	139	145957	34.248	ng	96
57) 2,4-Dinitrotoluene	10.10	165	244473	41.767	ng	90
58) Fluorene	10.47	166	747064	36.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	203149	40.091	ng	97
60) Diethylphthalate	10.34	149	851110	38.532	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	380834	38.457	ng	98
62) 4-Nitroaniline	10.47	138	195611	36.476	ng	93
63) Azobenzene	10.62	77	834488	36.744	ng	98
65) 4,6-Dinitro-2-methylphenol	10.50	198	103442	47.163	ng	93
66) n-Nitrosodiphenylamine	10.57	169	670123	38.574	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	234074	41.615	ng	95
68) Hexachlorobenzene	11.02	284	251537	40.432	ng	94
69) Atrazine	11.10	200	215751	41.450	ng	99
70) Pentachlorophenol	11.20	266	148208	40.832	ng	99
71) Phenanthrene	11.43	178	1124308	38.468	ng	99
72) Anthracene	11.47	178	1114372	37.943	ng	99
73) Carbazole	11.63	167	962954	36.527	ng	100
74) Di-n-butylphthalate	11.96	149	1307493	40.024	ng	99
75) Fluoranthene	12.61	202	1122959	37.163	ng	98
77) Benzidine	12.72	184	448415	31.677	ng	99
78) Pyrene	12.84	202	1114684	39.615	ng	99
80) Butylbenzylphthalate	13.46	149	529517	43.575	ng	99
81) Benzo(a)anthracene	14.02	228	871145	38.228	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	292793	36.054	ng	99
83) Chrysene	14.06	228	879716	38.088	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	704485	43.477	ng	100
85) Di-n-octyl phthalate	14.63	149	1167250	42.431	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	650455	32.876	ng	98
88) Benzo(b)fluoranthene	15.07	252	784938	40.581	ng	98
89) Benzo(k)fluoranthene	15.10	252	699595	39.924	ng	98
90) Benzo(a)pyrene	15.44	252	657786	38.478	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	528683	37.636	ng	99
92) Benzo(g,h,i)perylene	17.40	276	516989	38.605	ng	98

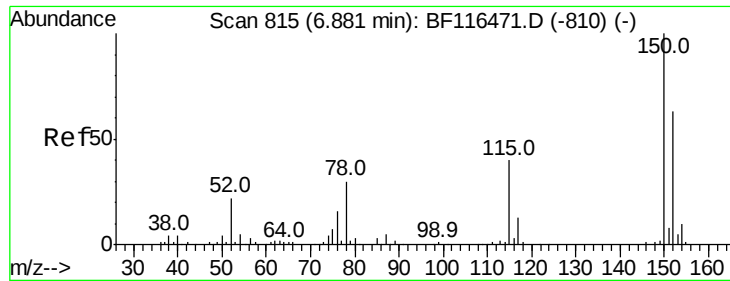
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
 Data File : BF116526.D
 Acq On : 25 Aug 2019 12:38
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Aug 26 06:41:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration



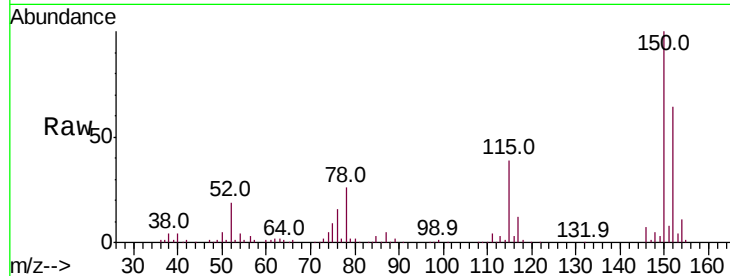


#1

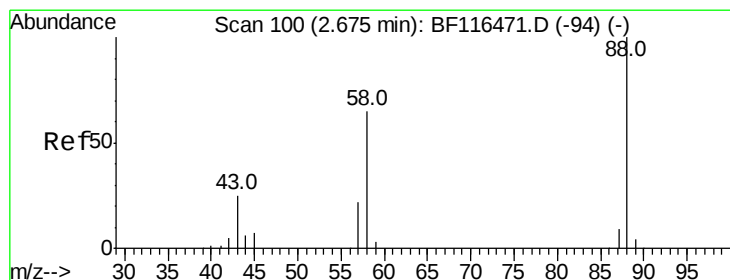
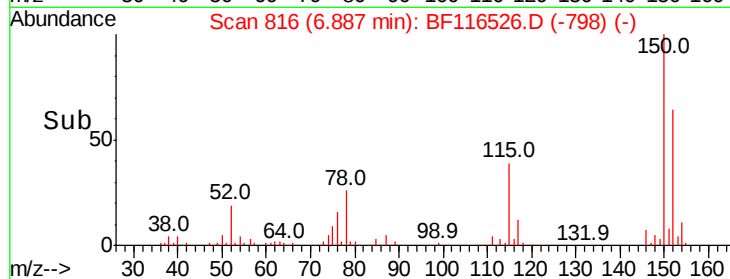
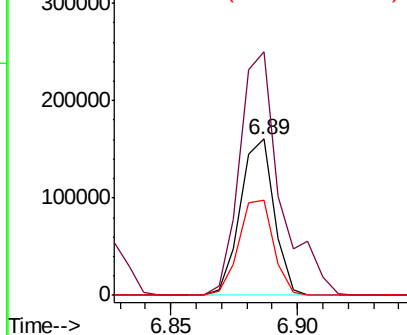
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149883
Ion Ratio Lower Upper
152 100
150 155.6 126.7 190.1
115 61.0 50.9 76.3



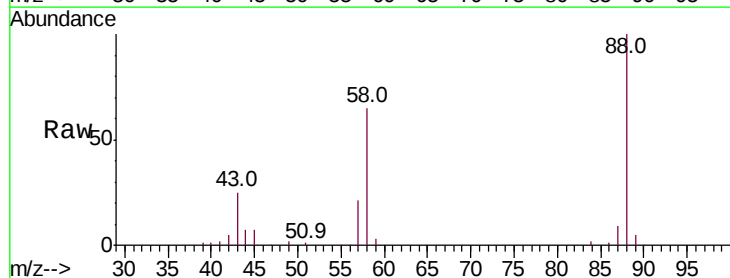
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



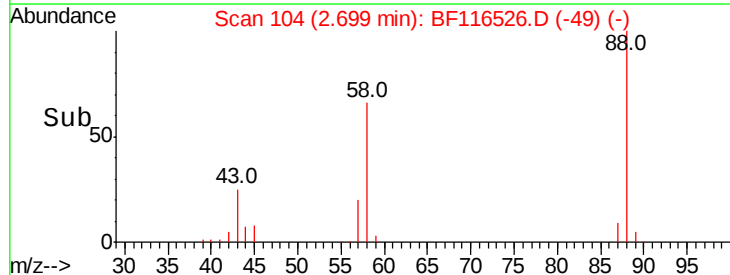
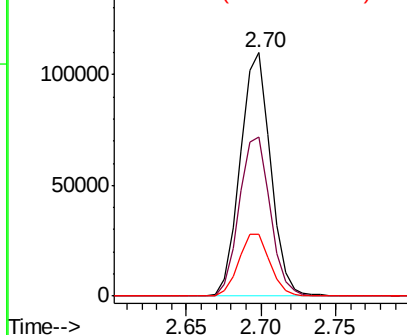
#2

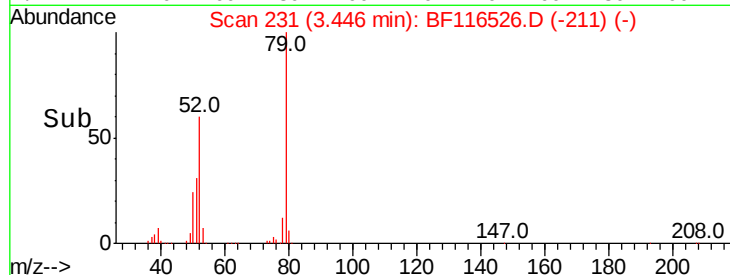
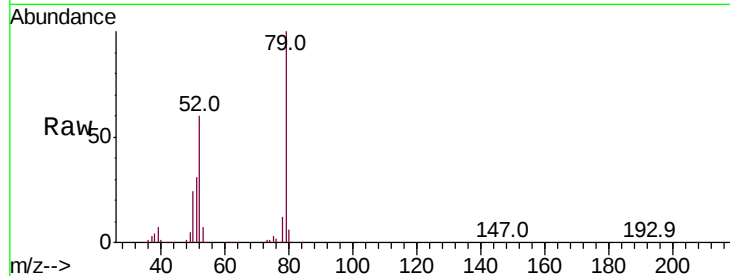
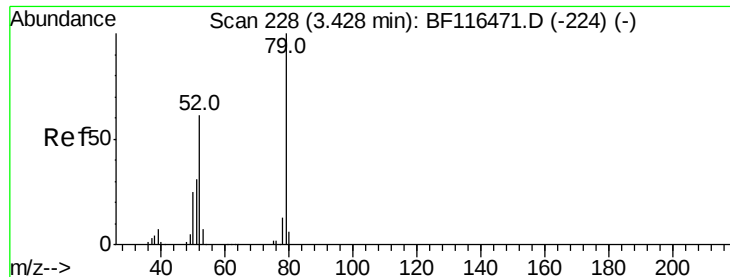
1,4-Dioxane
Concen: 34.842 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.02 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion: 88 Resp: 154747
Ion Ratio Lower Upper
88 100
58 66.6 53.4 80.0
43 26.2 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.936 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.02 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

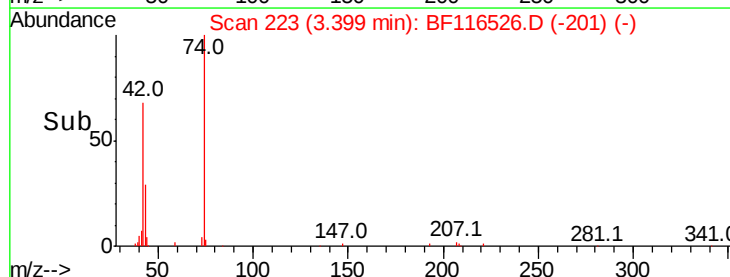
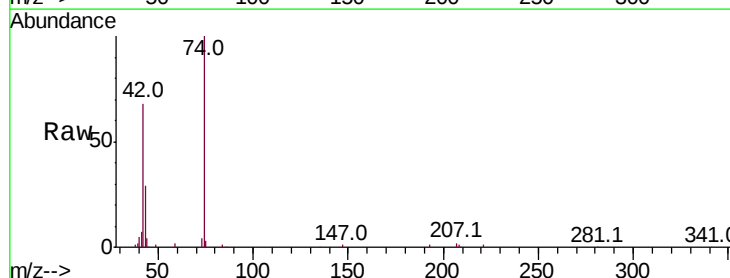
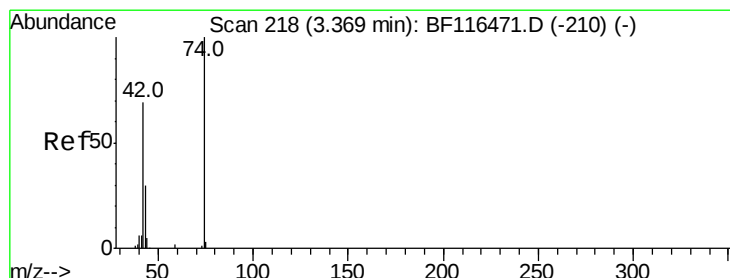
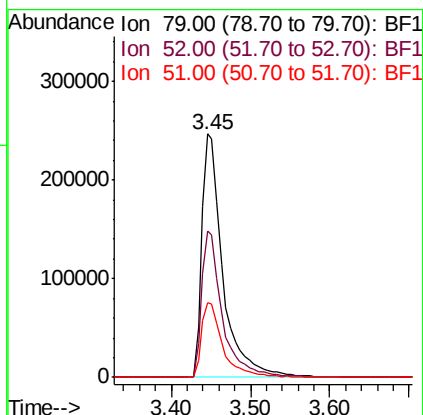
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 458987

Ion	Ratio	Lower	Upper
79	100		
52	60.1	48.8	73.2
51	30.8	25.2	37.8



#4

n-Nitrosodimethylamine

Concen: 34.949 ng

RT: 3.40 min Scan# 223

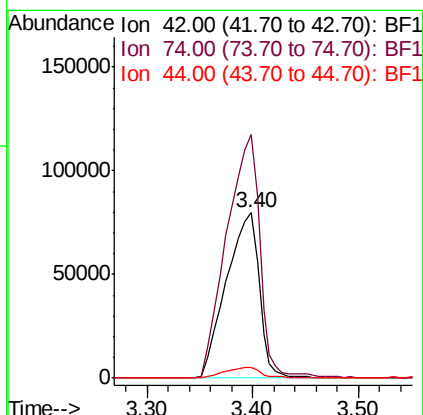
Delta R.T. 0.03 min

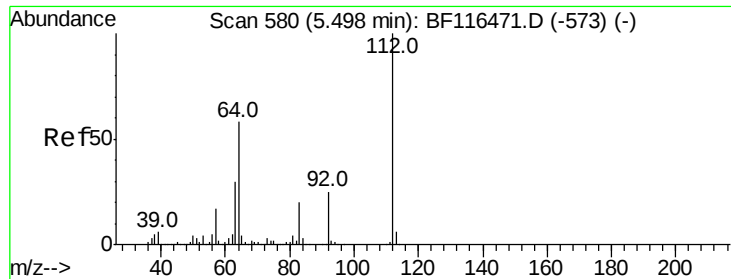
Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion: 42 Resp: 172561

Ion	Ratio	Lower	Upper
42	100		
74	147.2	115.3	172.9
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 69.681 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

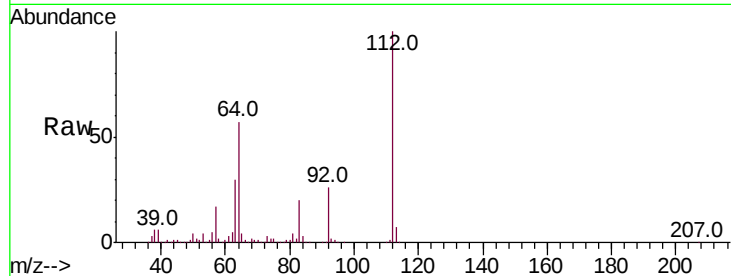
Tot Ion:112 Resp: 714780

Ion Ratio Lower Upper

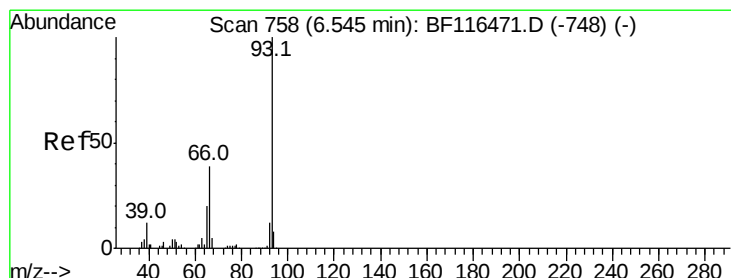
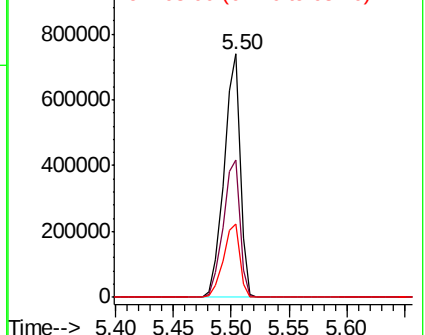
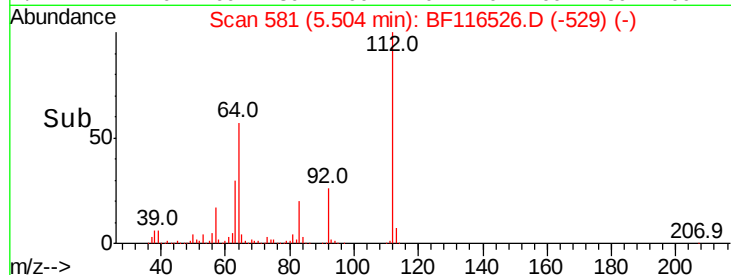
112 100

64 56.5 46.3 69.5

63 29.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.444 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

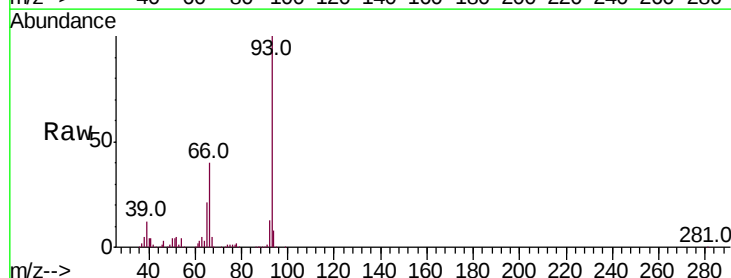
Tgt Ion: 93 Resp: 620574

Ion Ratio Lower Upper

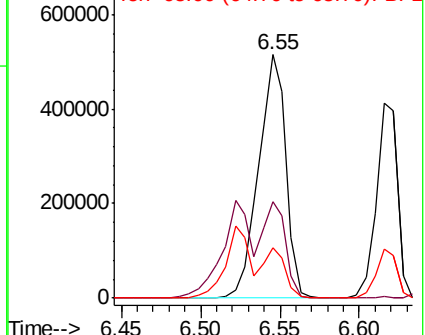
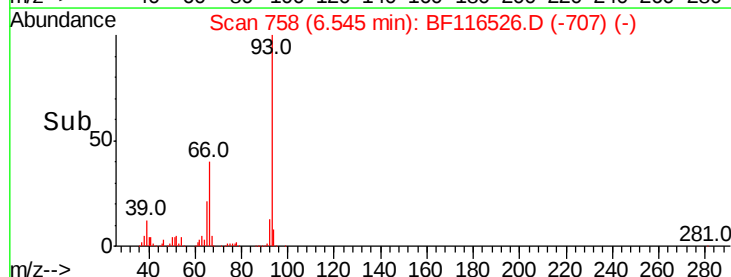
93 100

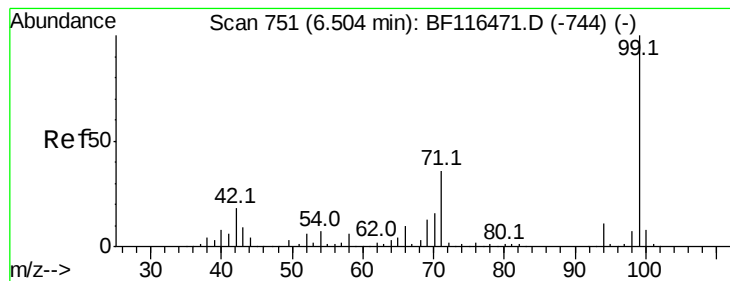
66 39.9 32.2 48.2

65 20.7 16.3 24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.963 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

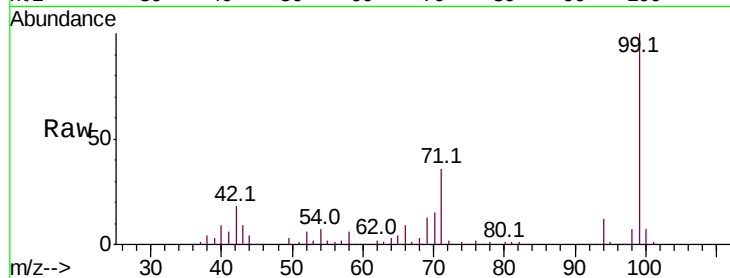
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 917710

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	21.8
71	35.8	28.5	42.7

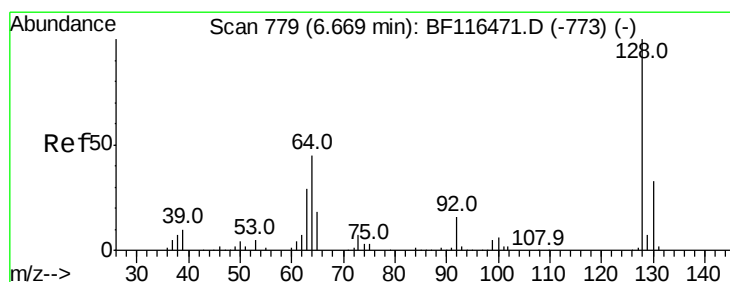
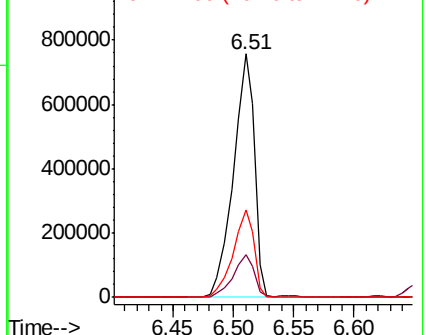
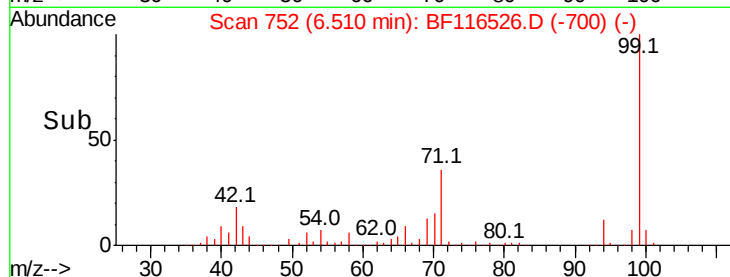


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 36.489 ng

RT: 6.67 min Scan# 779

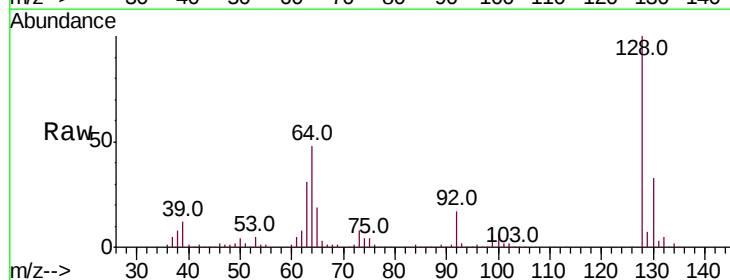
Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion: 128 Resp: 392787

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.4	53.4
64	48.3	26.3	66.3

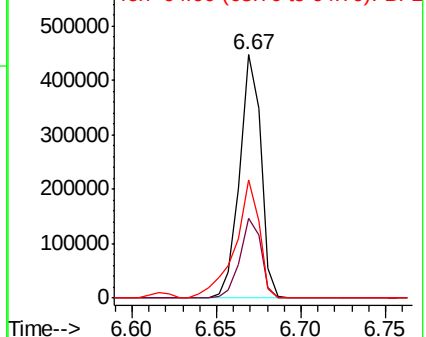
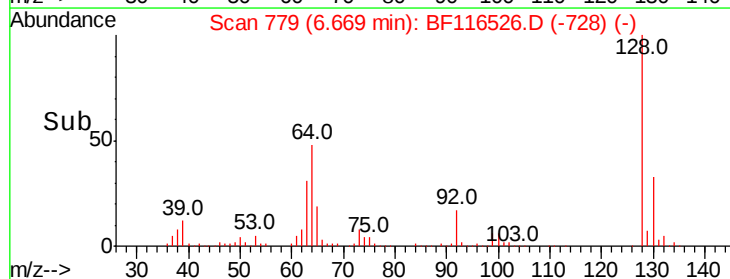


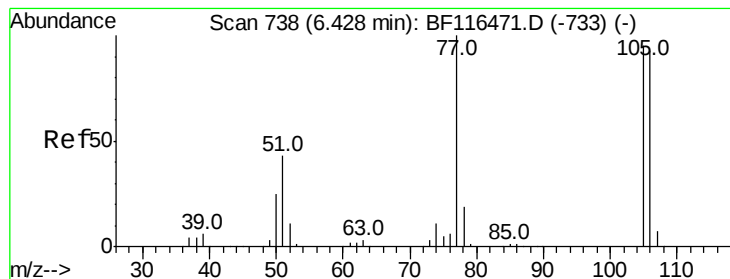
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.422 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

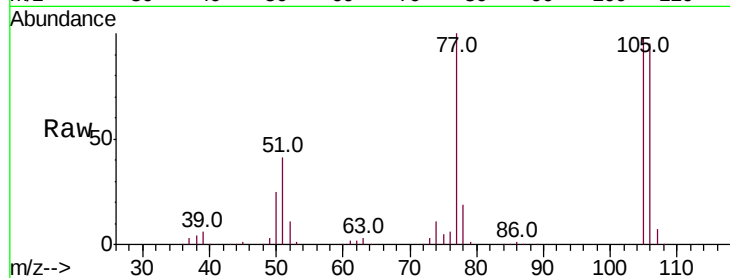
Tot Ion: 77 Resp: 306085

Ion Ratio Lower Upper

77 100

105 97.8 75.5 115.5

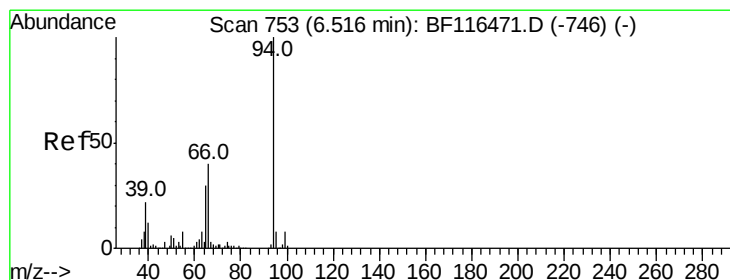
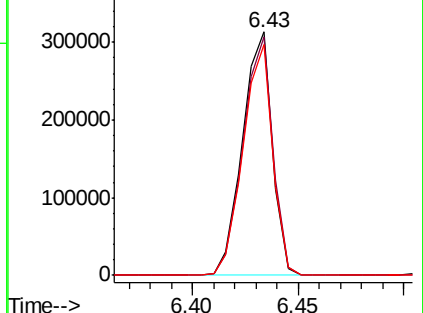
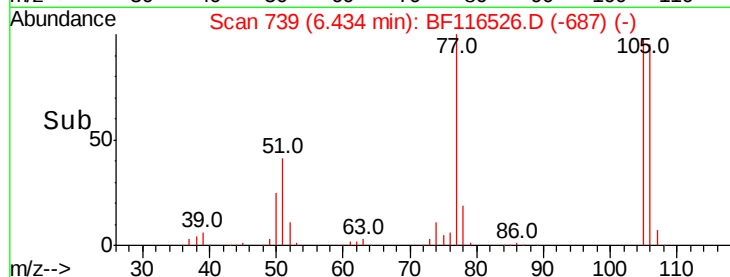
106 94.8 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.775 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

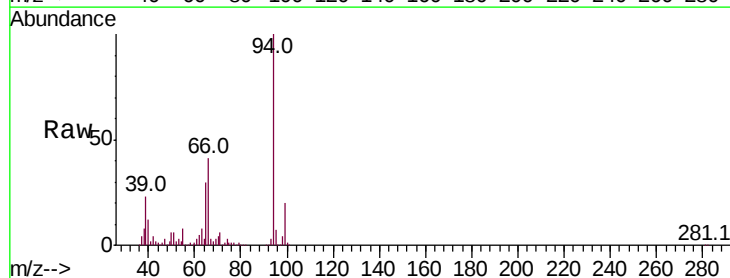
Tgt Ion: 94 Resp: 515943

Ion Ratio Lower Upper

94 100

65 30.3 10.0 50.0

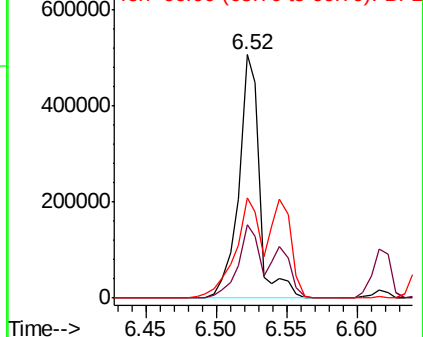
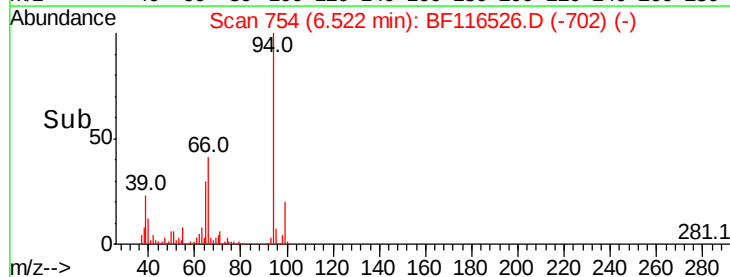
66 41.0 19.8 59.8

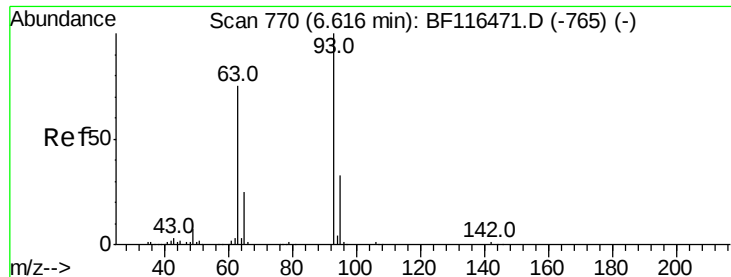


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.863 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

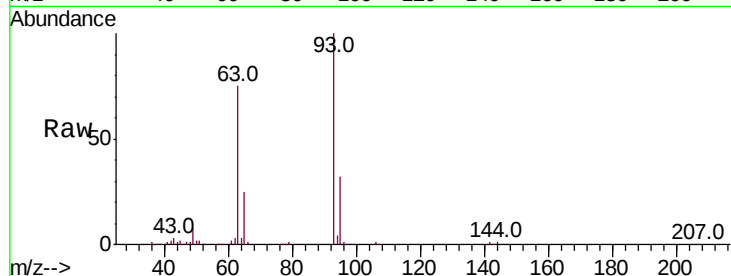
Tot Ion: 93 Resp: 383359

Ion Ratio Lower Upper

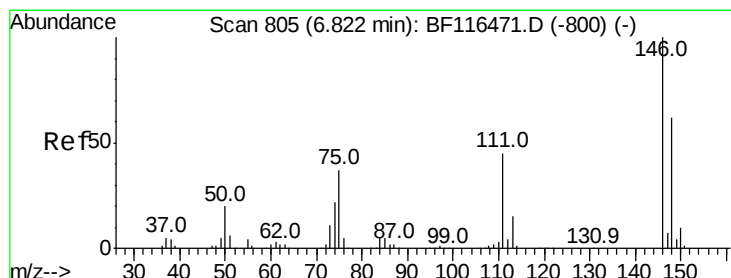
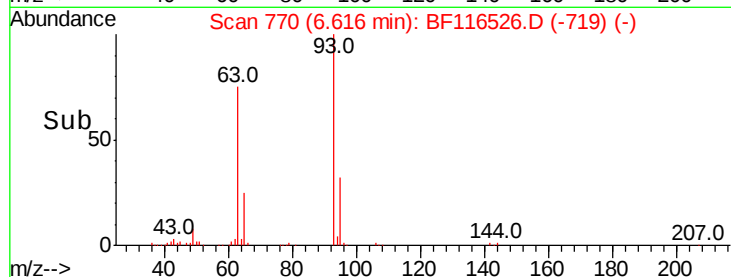
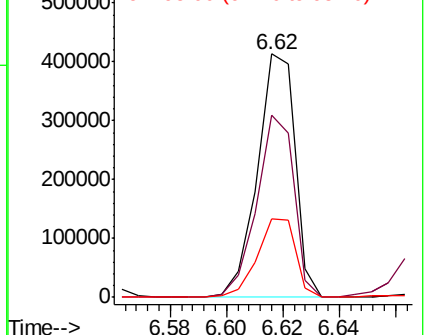
93 100

63 74.9 54.3 94.3

95 32.2 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.362 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

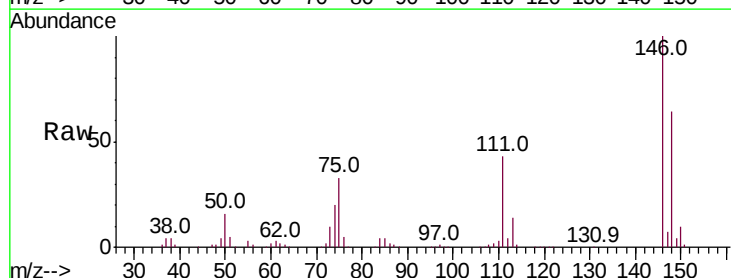
Tgt Ion: 146 Resp: 446962

Ion Ratio Lower Upper

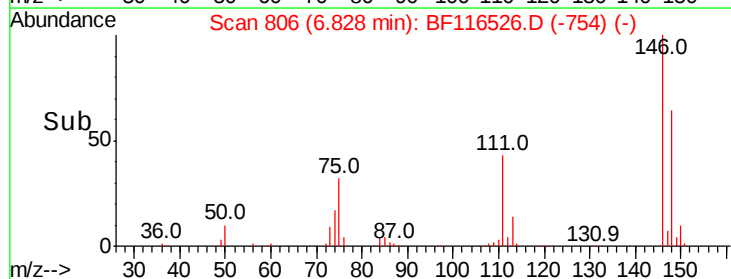
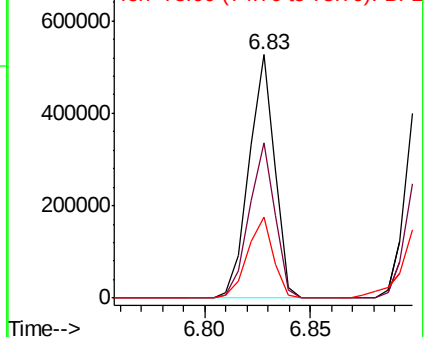
146 100

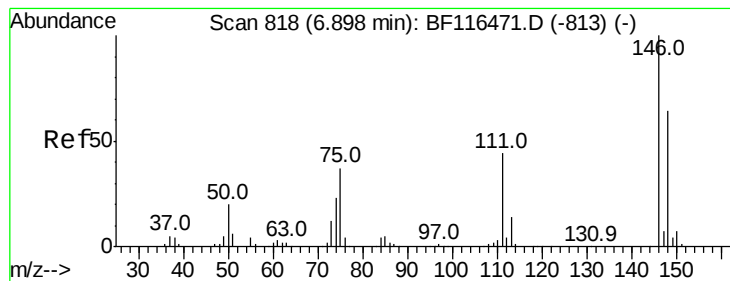
148 63.5 49.8 74.8

75 33.1 29.3 43.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.693 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

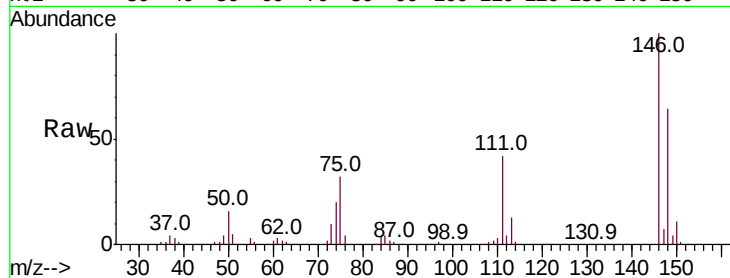
Tot Ion:146 Resp: 445103

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

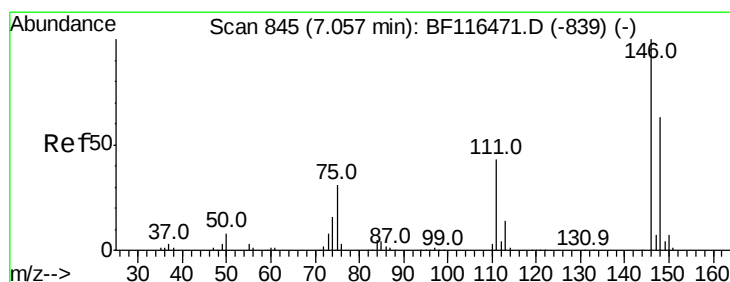
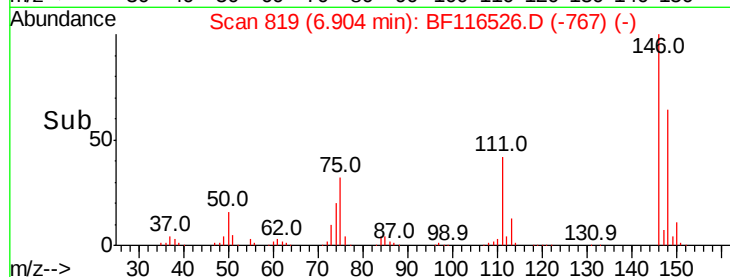
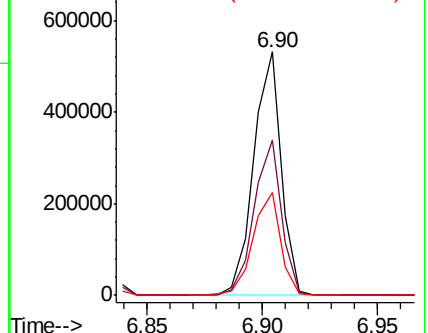
111 42.0 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.253 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

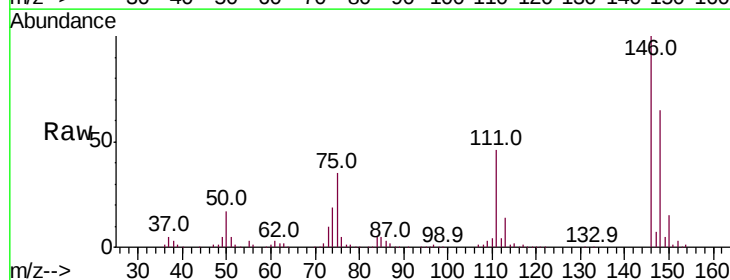
Tgt Ion:146 Resp: 415243

Ion Ratio Lower Upper

146 100

148 65.0 50.8 76.2

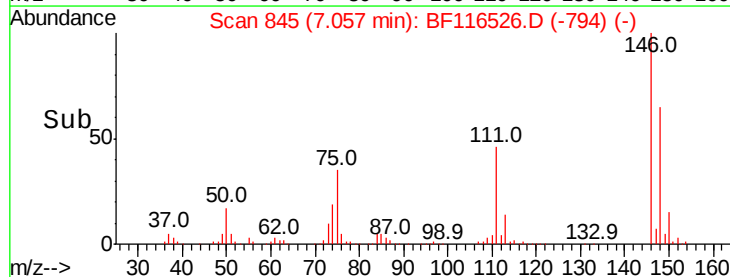
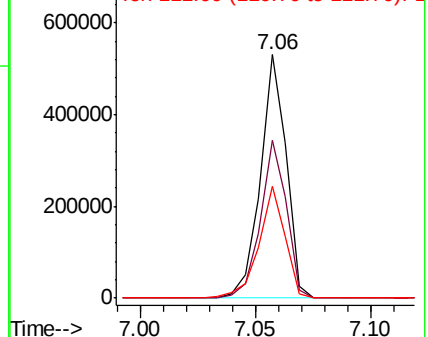
111 45.7 34.5 51.7

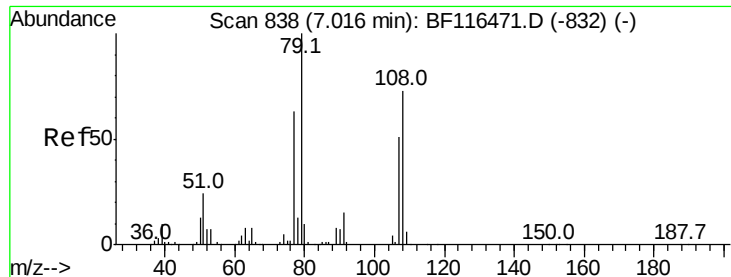


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.802 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

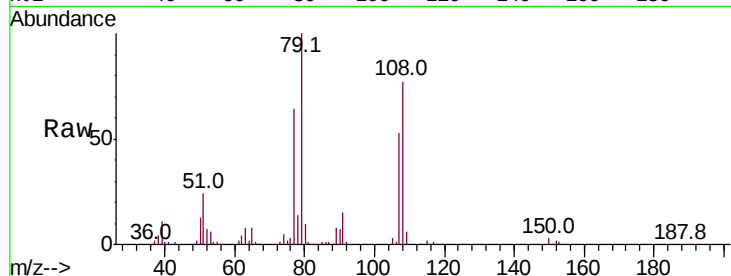
Tot Ion: 79 Resp: 364418

Ion Ratio Lower Upper

79 100

108 76.8 58.1 87.1

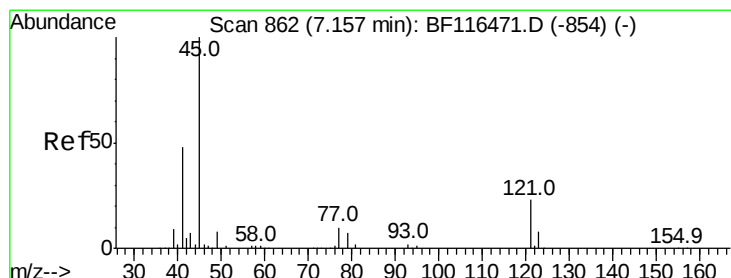
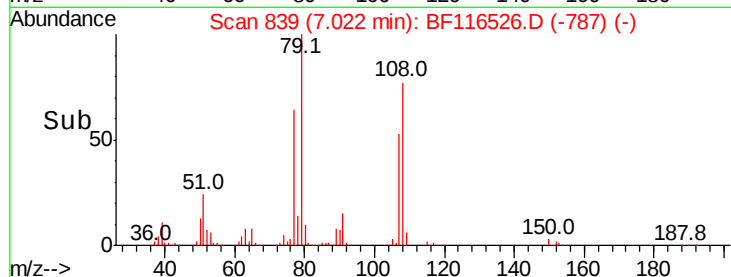
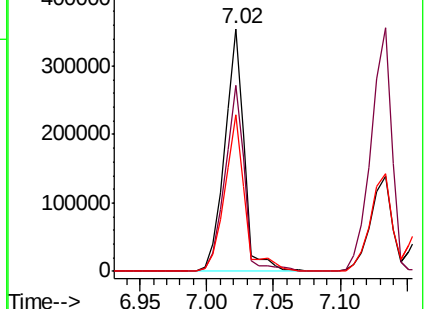
77 64.5 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.152 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

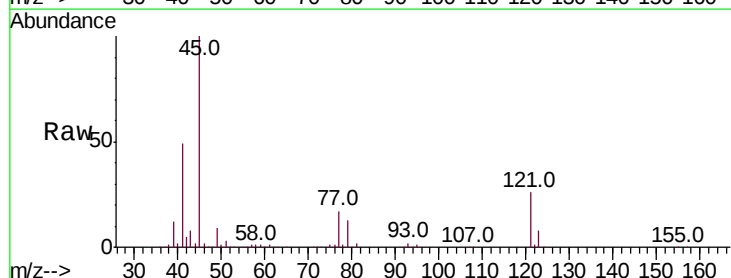
Tgt Ion: 45 Resp: 505454

Ion Ratio Lower Upper

45 100

77 16.6 0.0 36.1

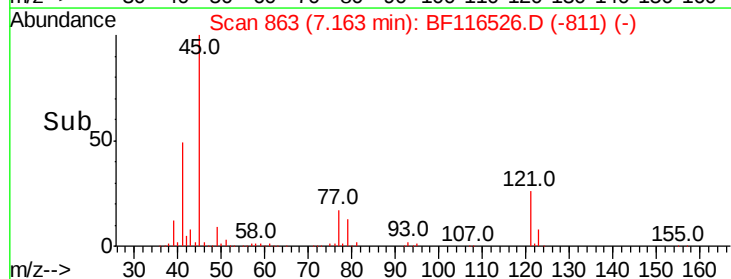
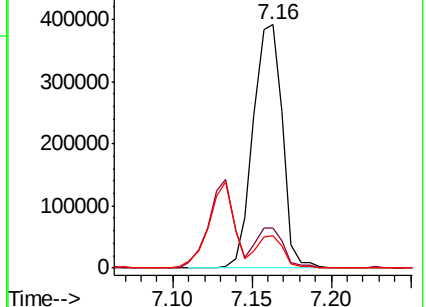
79 13.5 0.0 32.3

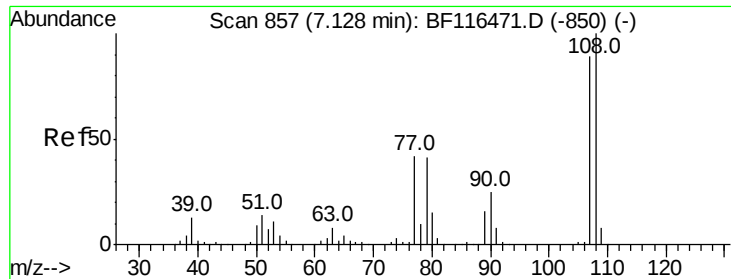


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

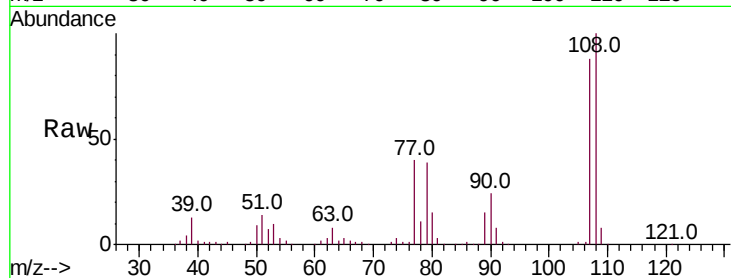




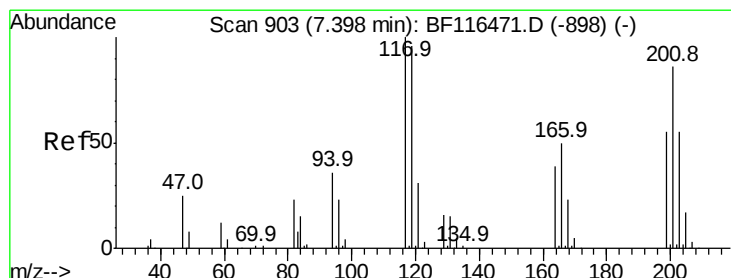
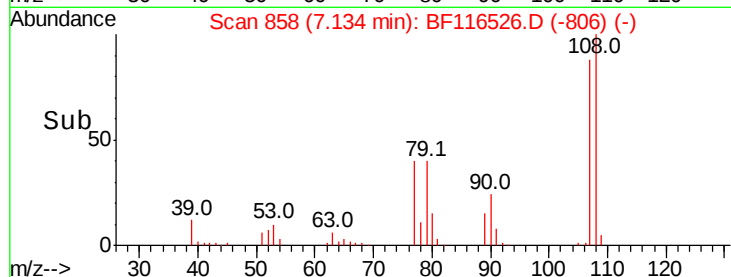
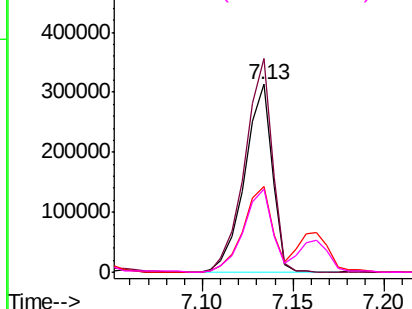
#17
2-Methylphenol
Concen: 37.088 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 330784
Ion Ratio Lower Upper
107 100
108 113.7 90.0 135.0
77 45.9 37.6 56.4
79 44.5 36.8 55.2

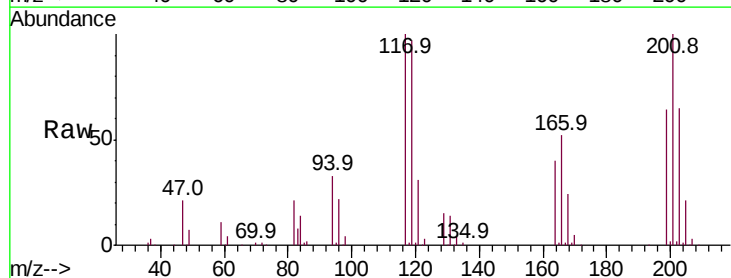


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

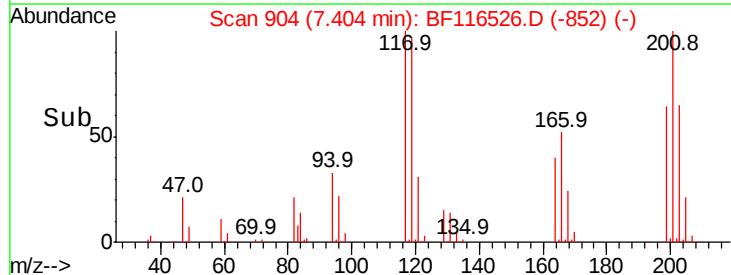
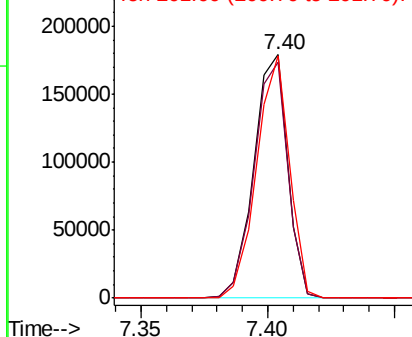


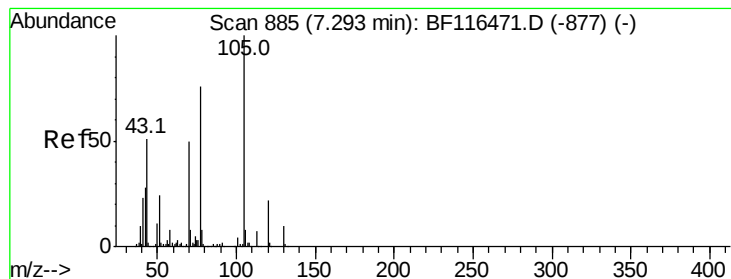
#18
Hexachloroethane
Concen: 38.396 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:117 Resp: 167923
Ion Ratio Lower Upper
117 100
119 96.7 77.0 115.6
201 99.5 69.1 103.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.574 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 296736

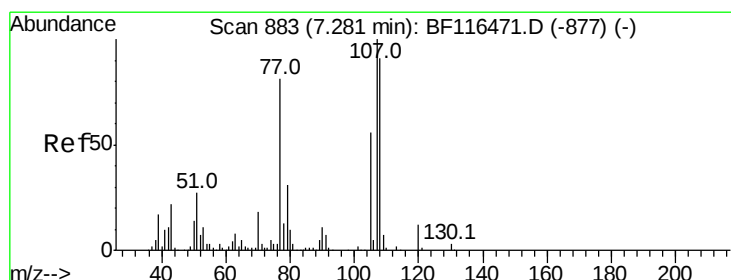
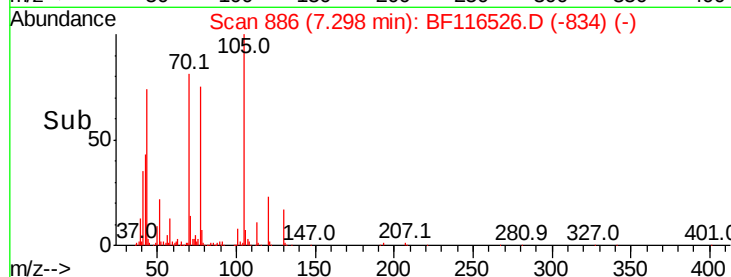
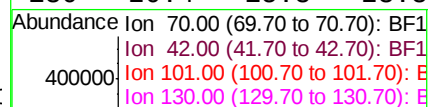
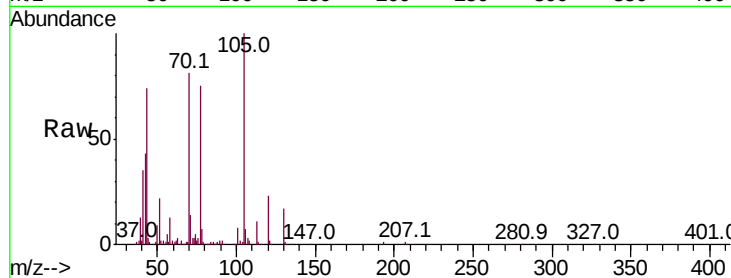
Ion Ratio Lower Upper

70 100

42 52.2 44.4 66.6

101 9.6 7.1 10.7

130 20.4 15.8 23.8



#20

3+4-Methylphenols

Concen: 37.757 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:107 Resp: 412520

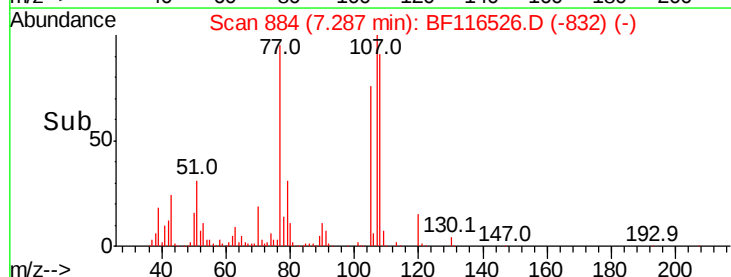
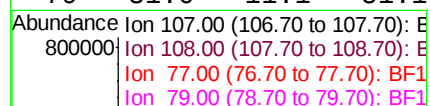
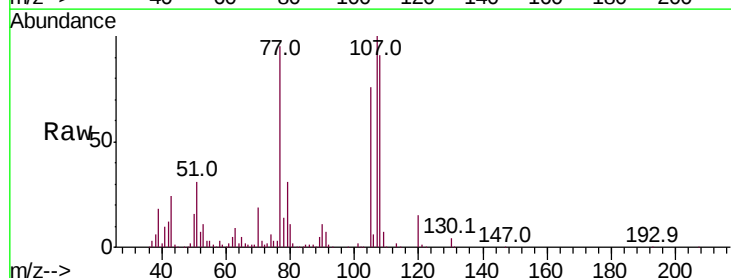
Ion Ratio Lower Upper

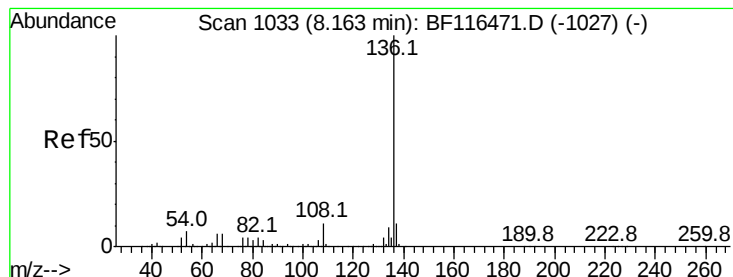
107 100

108 91.2 70.7 110.7

77 94.6 60.6 100.6

79 31.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 610686

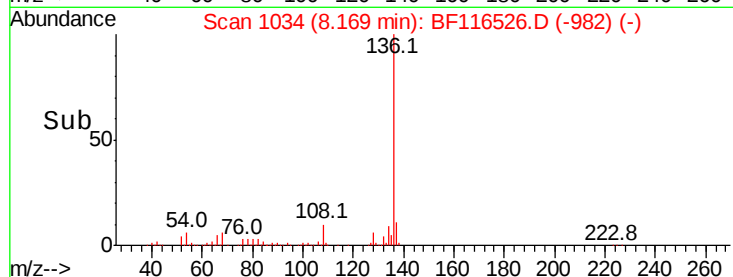
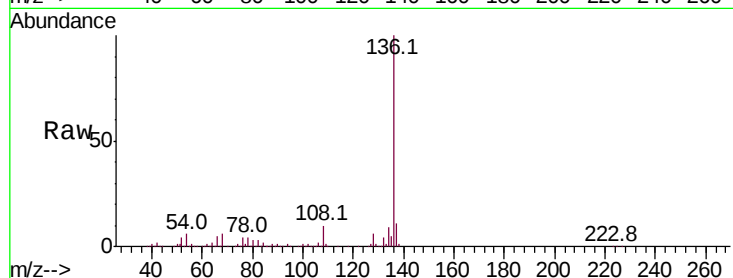
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.4 5.8 8.6

68 5.6 5.1 7.7



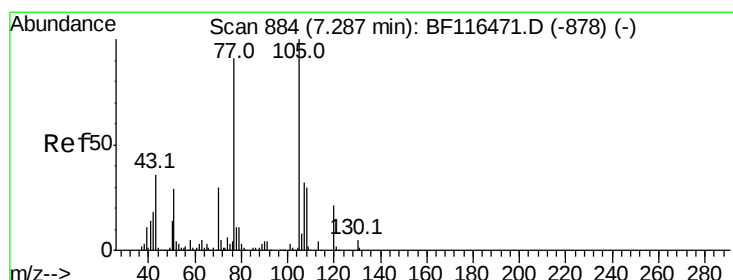
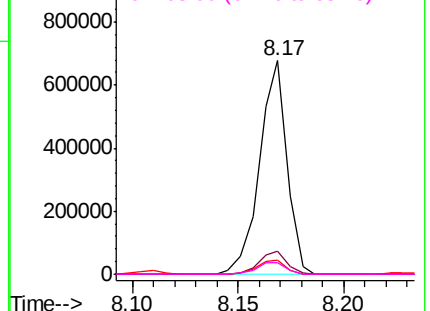
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.338 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:105 Resp: 570174

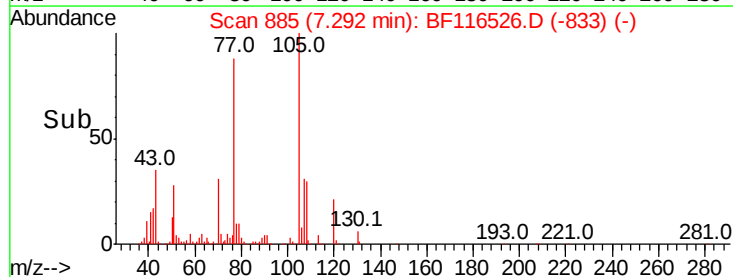
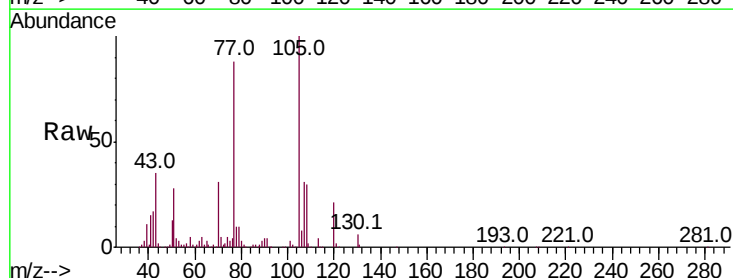
Ion Ratio Lower Upper

105 100

71 5.0 4.2 6.2

51 27.7 23.0 34.4

120 21.5 16.5 24.7



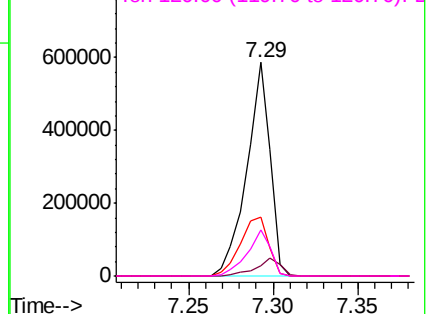
Abundance

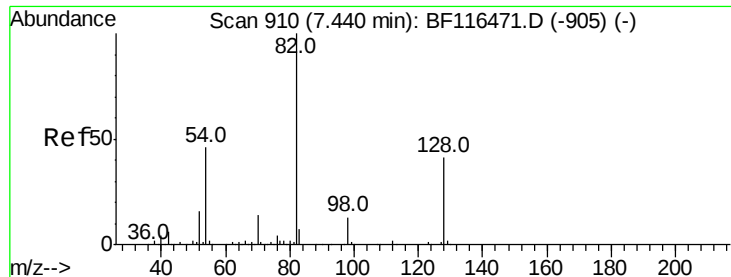
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

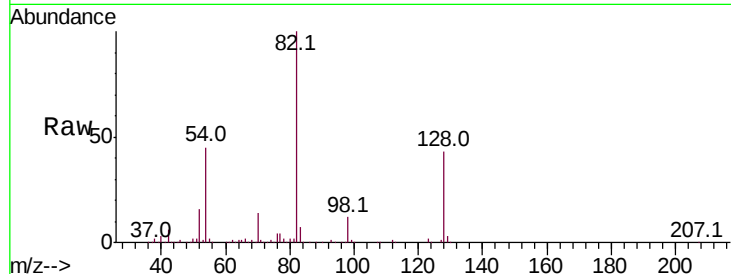




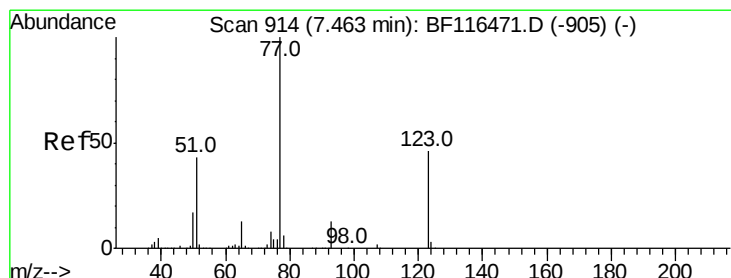
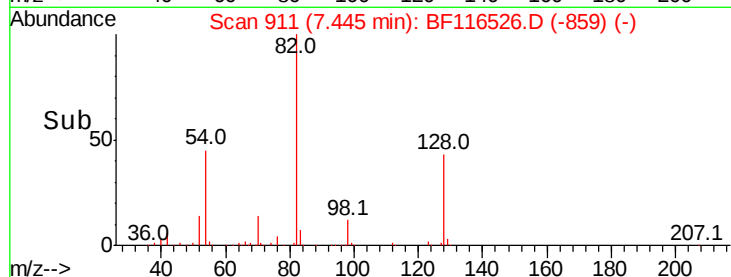
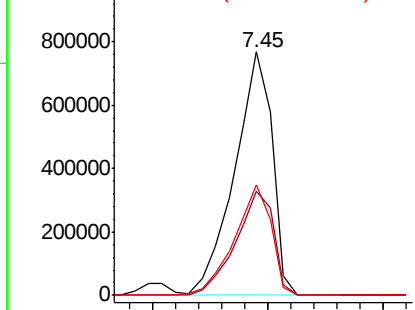
#23
Nitrobenzene-d5
Concen: 78.067 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	871400
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.2	48.4
54	45.2	36.5	54.7

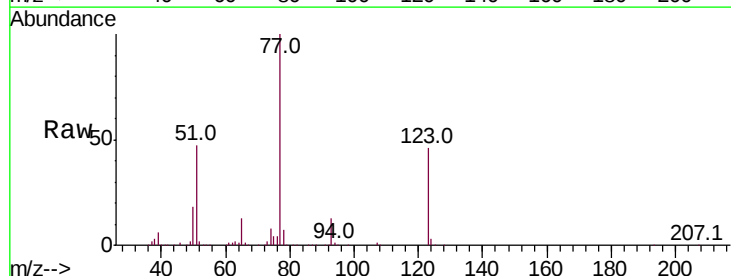


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

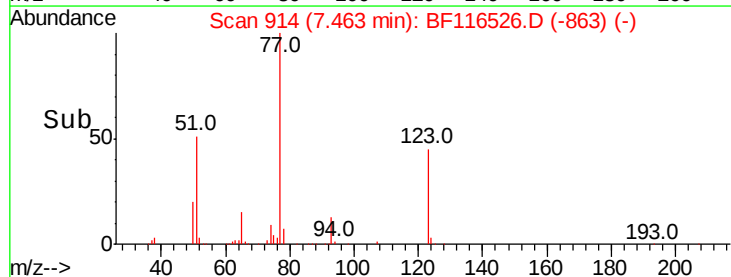
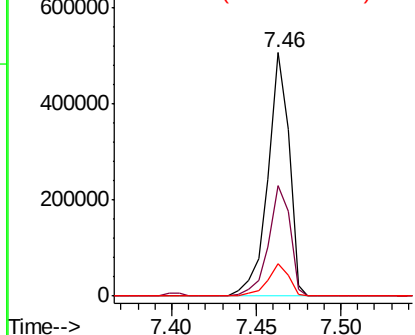


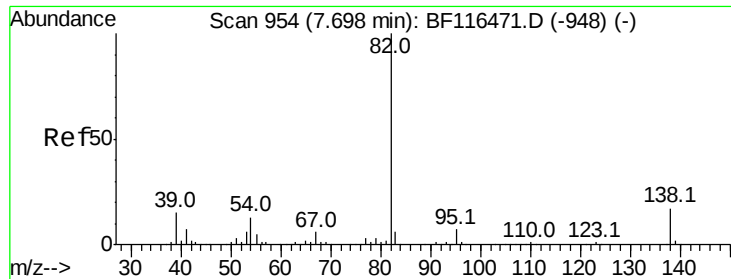
#24
Nitrobenzene
Concen: 37.911 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	77	Resp	438236
Ion Ratio	Lower	Upper	
77	100		
123	45.6	37.0	55.4
65	13.4	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.911 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

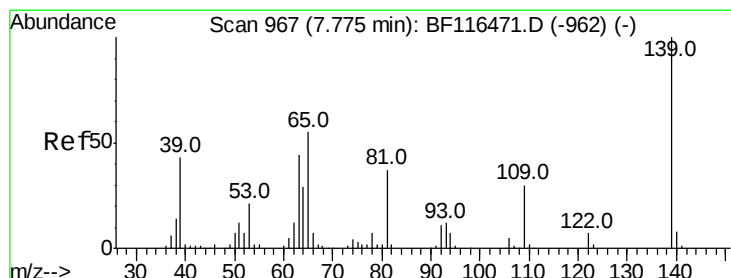
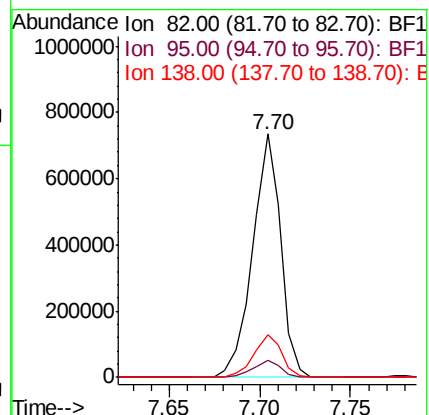
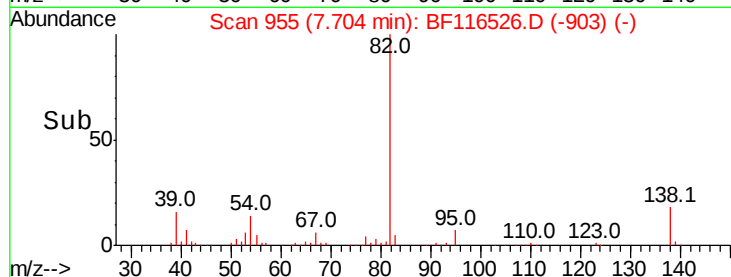
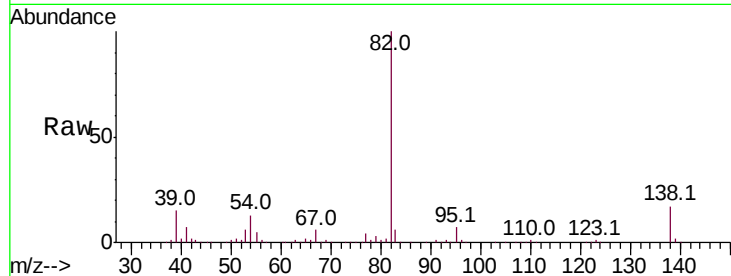
Tot Ion: 82 Resp: 789935

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 17.3 13.3 19.9



#26

2-Nitrophenol

Concen: 48.859 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

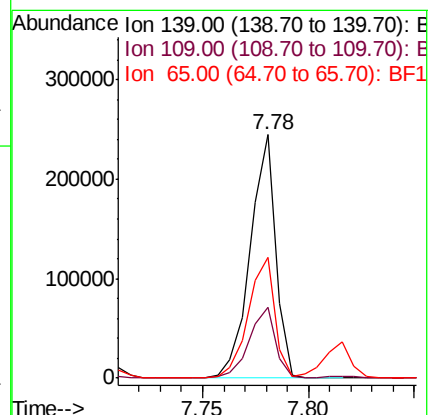
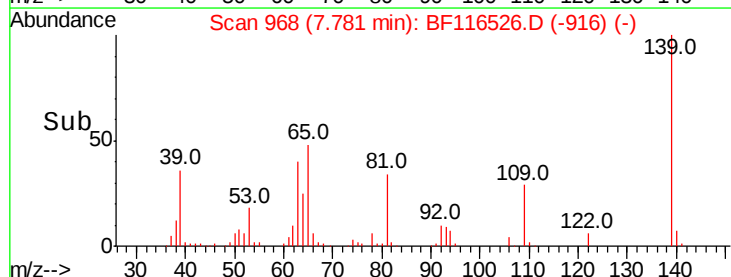
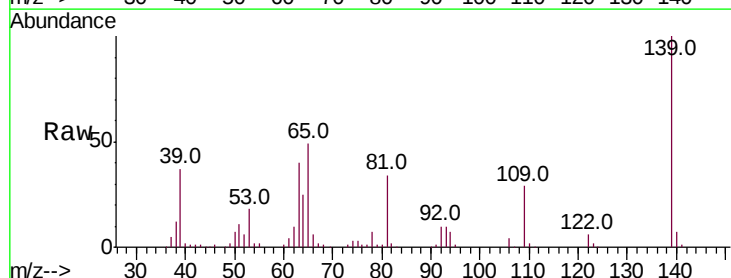
Tgt Ion: 139 Resp: 206302

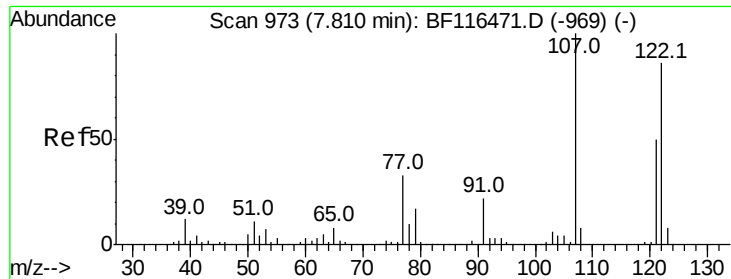
Ion Ratio Lower Upper

139 100

109 29.2 24.3 36.5

65 49.4 44.0 66.0

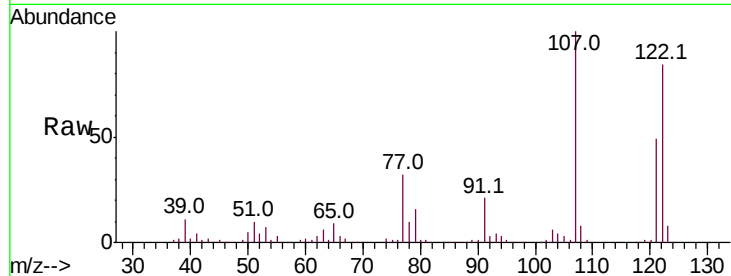




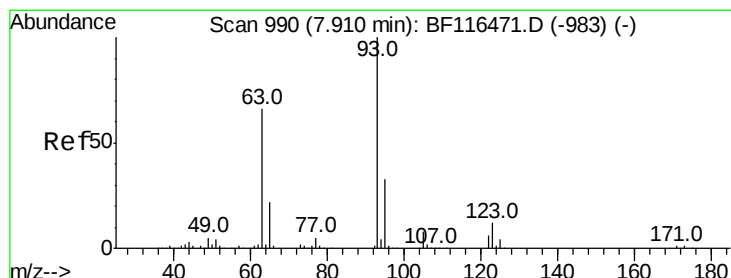
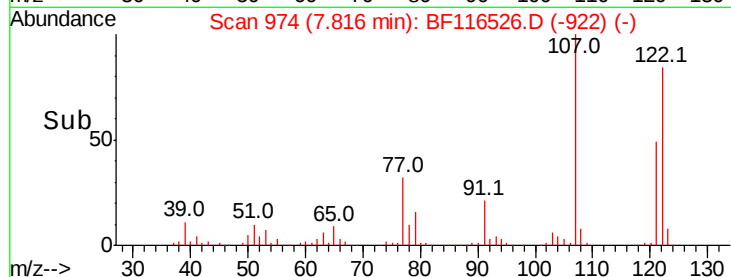
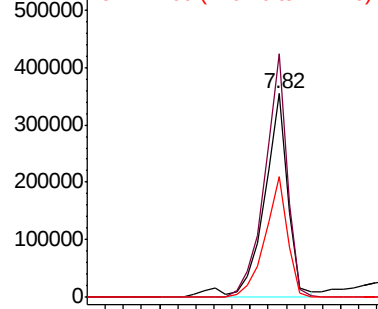
#27
 2,4-Dimethylphenol
 Concen: 37.274 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	92.4	138.6
121	59.2	46.2	69.4

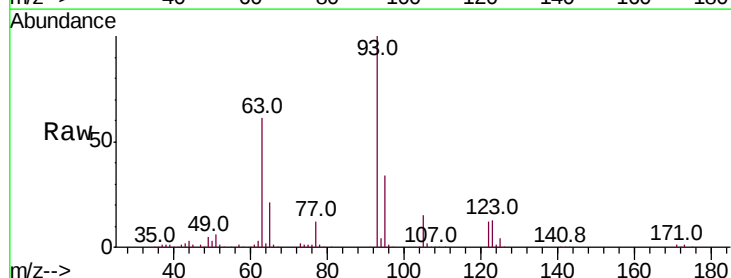


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

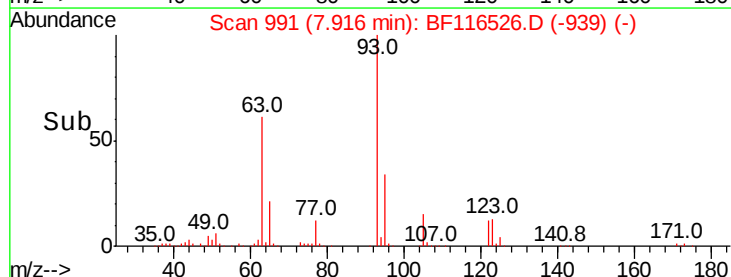
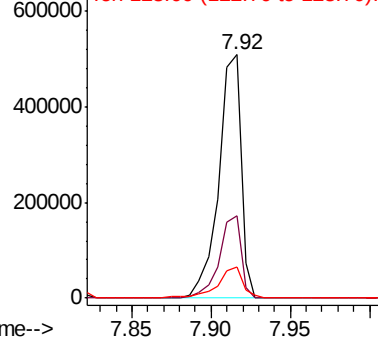


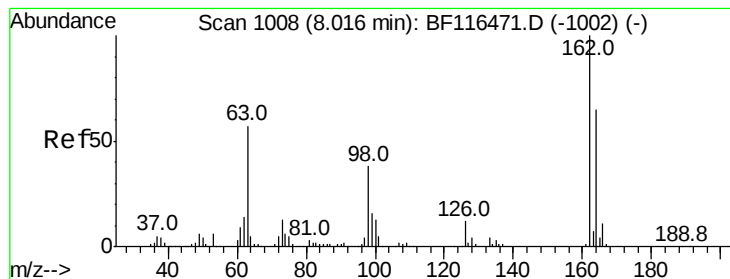
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.554 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	12.9	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.789 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

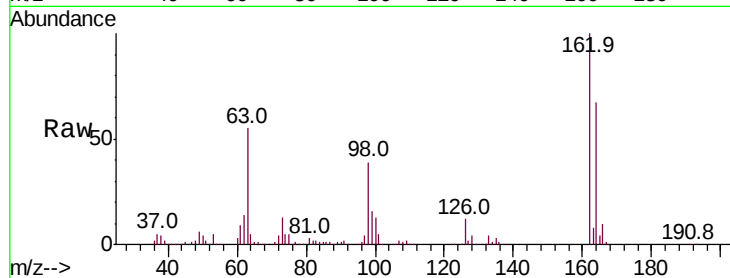
Tot Ion:162 Resp: 324991

Ion Ratio Lower Upper

162 100

164 66.7 44.9 84.9

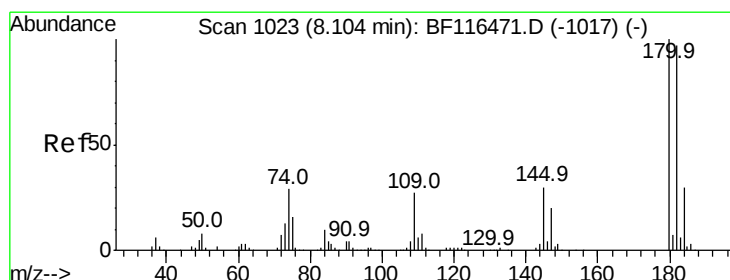
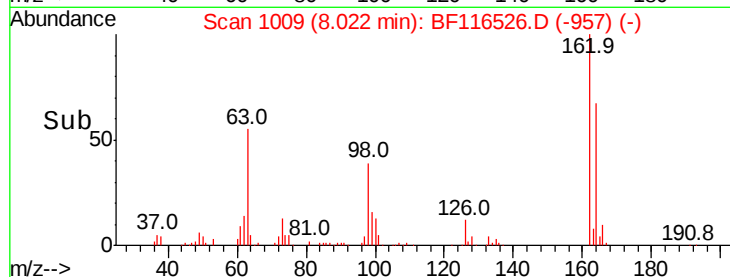
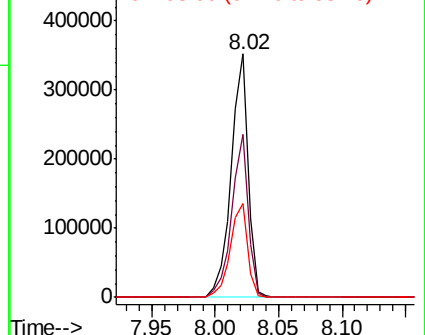
98 38.7 17.9 57.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.551 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

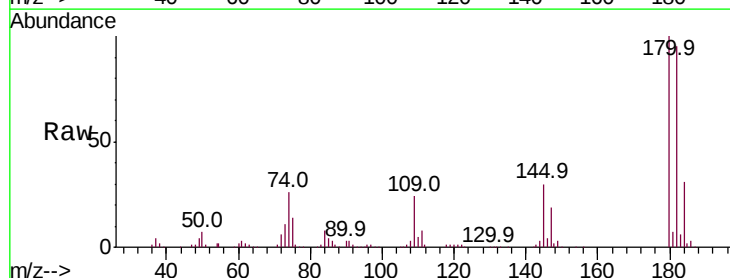
Tgt Ion:180 Resp: 382487

Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.0

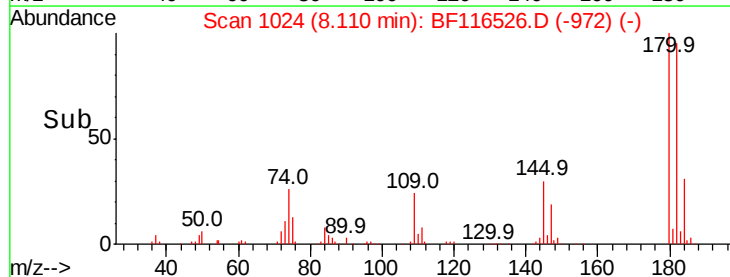
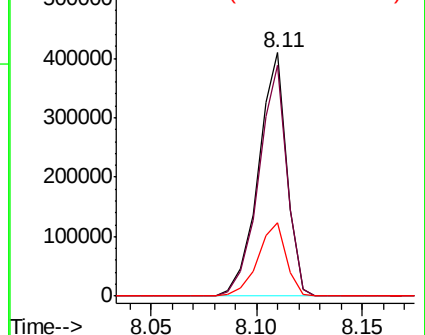
145 30.3 24.3 36.5

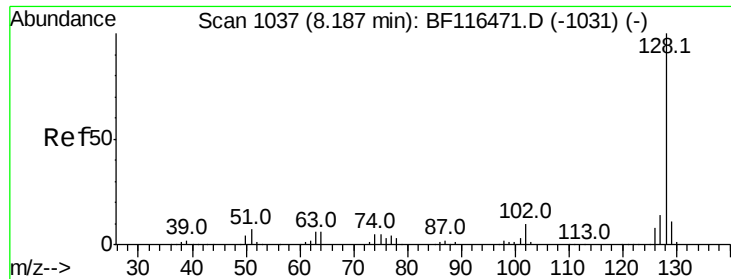


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

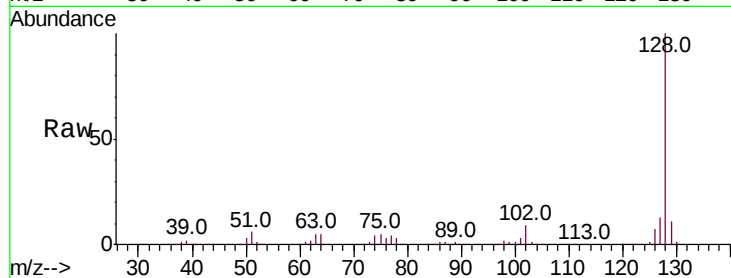




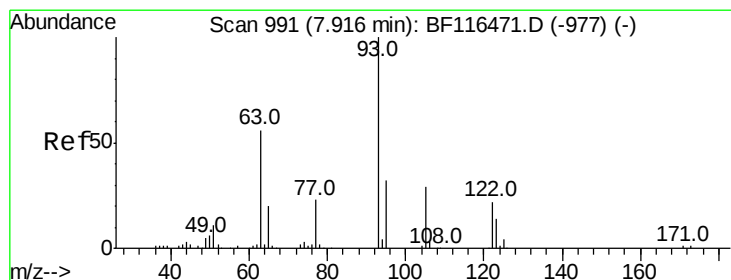
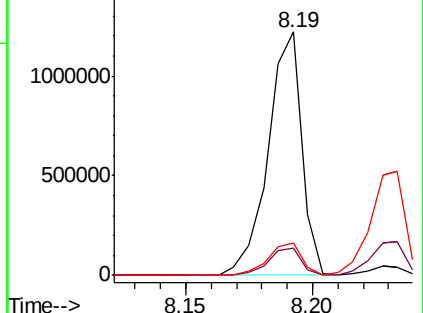
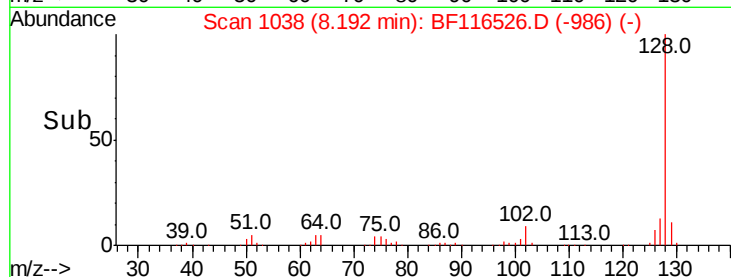
#31
Naphthalene
Concen: 38.608 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1140563
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.9 16.3

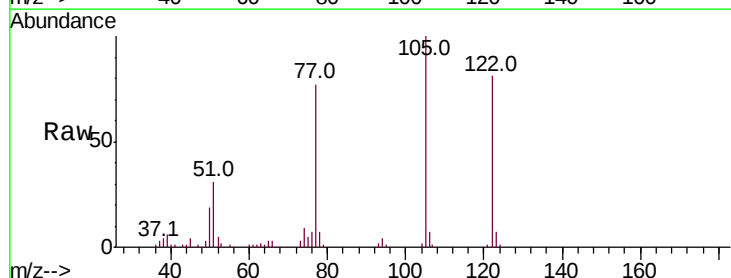


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

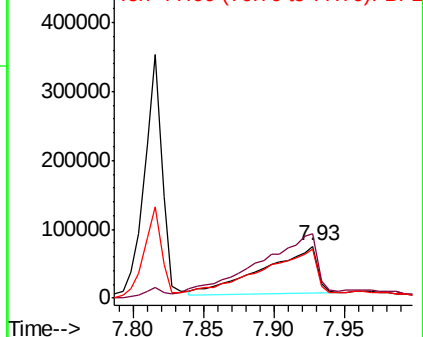
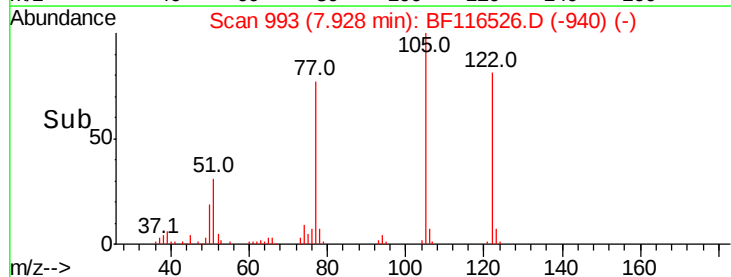


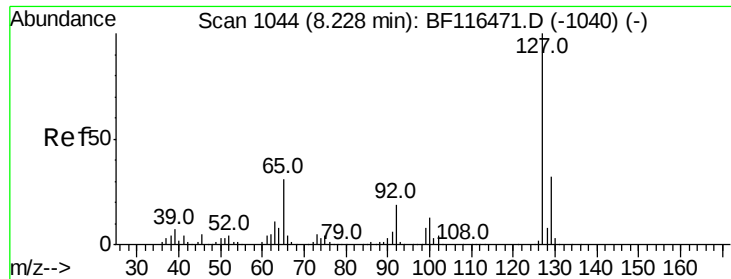
#32
Benzoic acid
Concen: 32.646 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:122 Resp: 183873
Ion Ratio Lower Upper
122 100
105 122.7 109.9 149.9
77 94.7 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

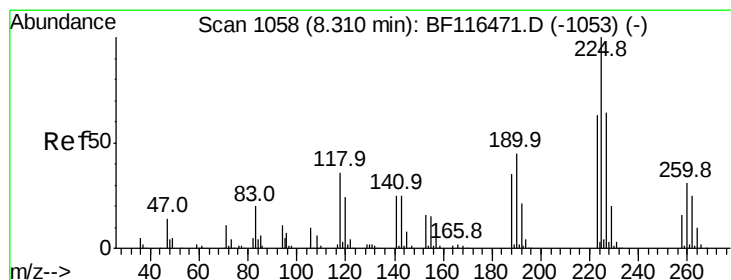
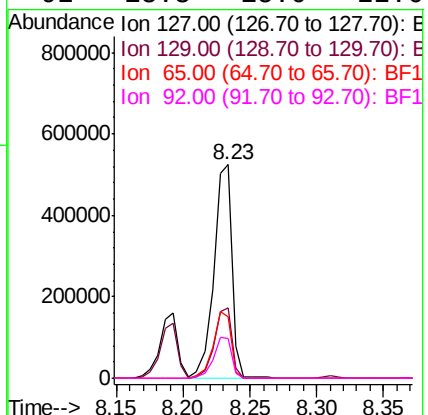
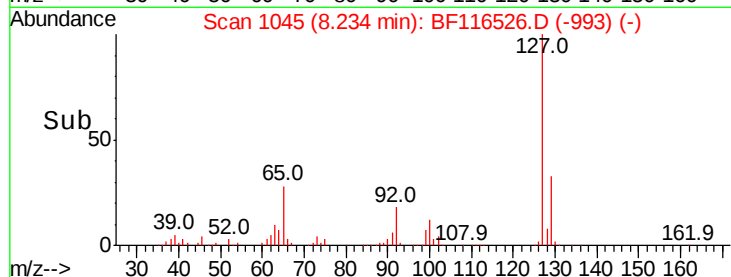
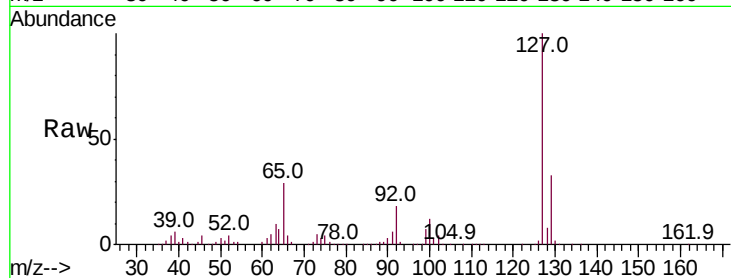




#33
4-Chloroaniline
Concen: 38.709 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

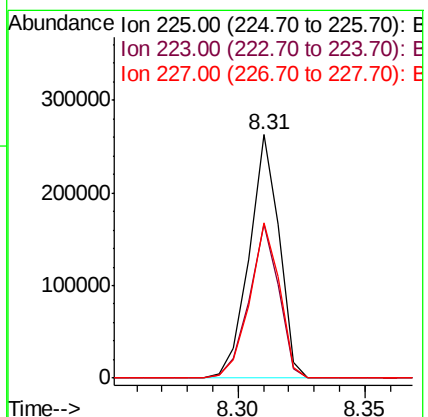
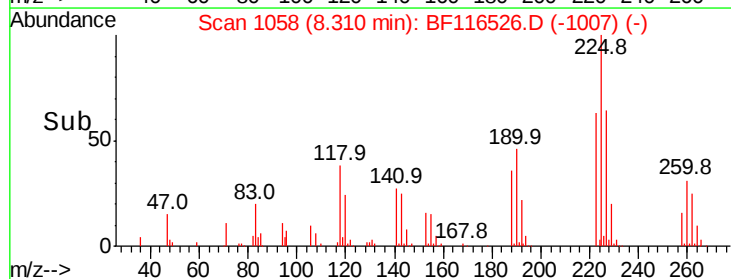
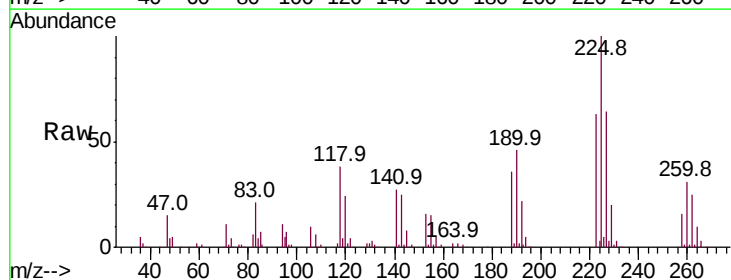
Instrument :
BNA_F
ClientSampleId :

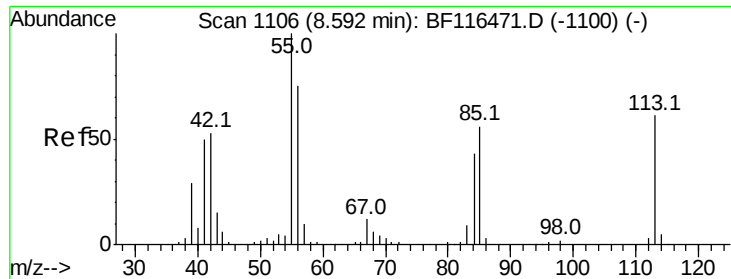
Tot Ion:	127	Resp:	502017
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	28.5	25.0	37.6
92	18.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.969 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:	225	Resp:	215896
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	63.7	51.0	76.4





#35

Caprolactam

Concen: 34.994 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :

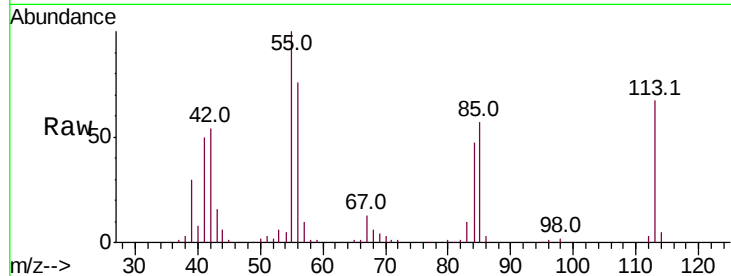
Tot Ion:113 Resp: 102129

Ion Ratio Lower Upper

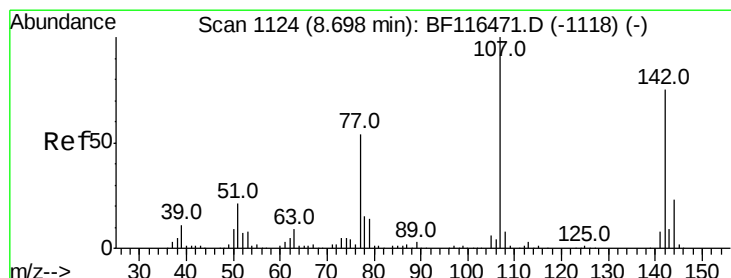
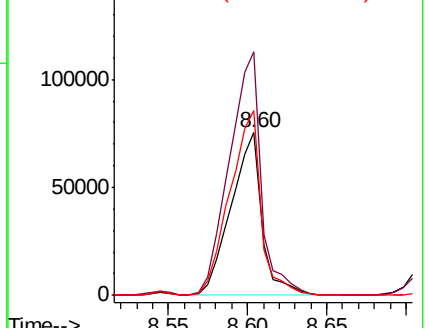
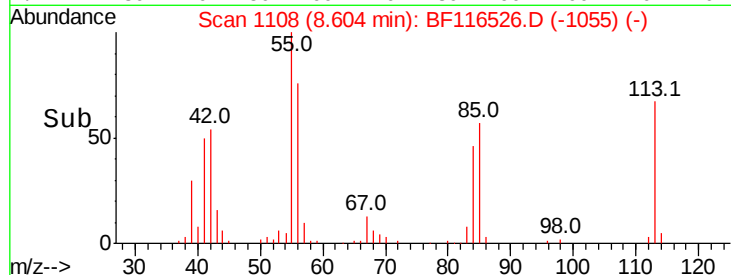
113 100

55 149.5 143.6 183.6

56 113.4 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.708 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

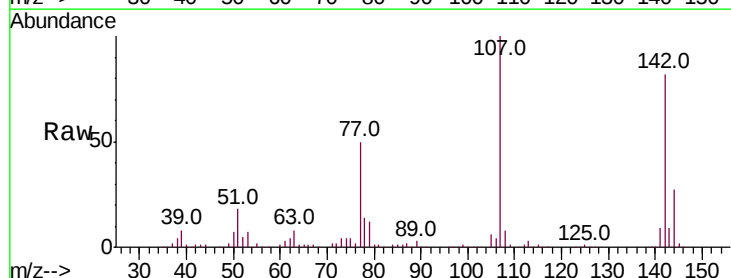
Tgt Ion:107 Resp: 347027

Ion Ratio Lower Upper

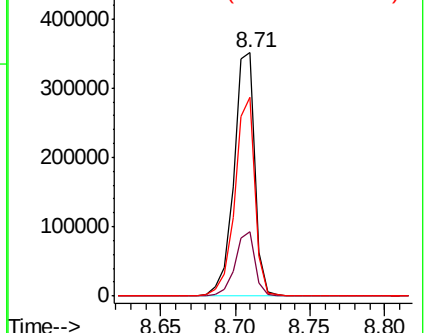
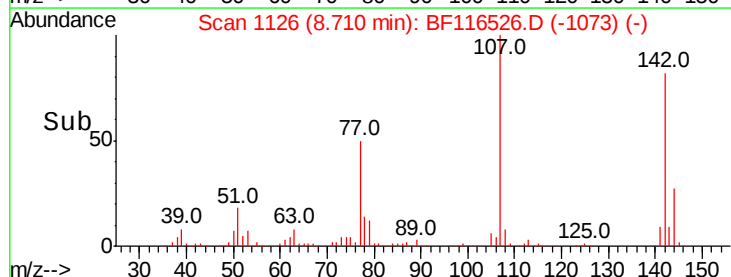
107 100

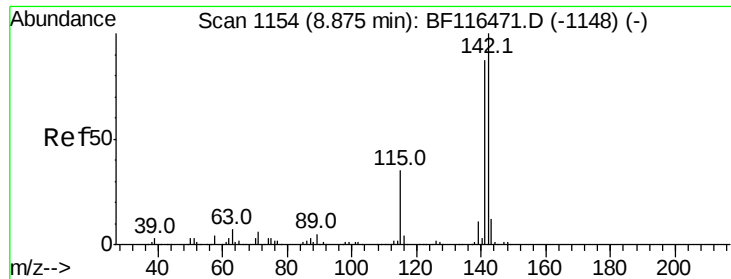
144 26.7 18.8 28.2

142 81.6 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

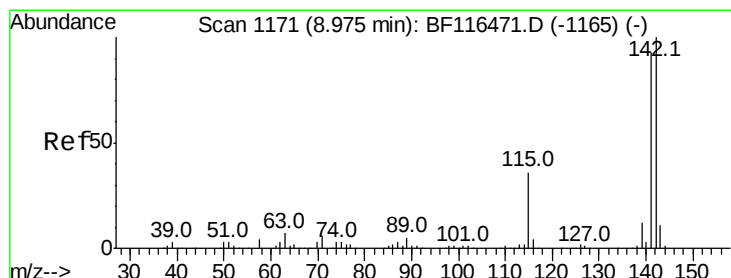
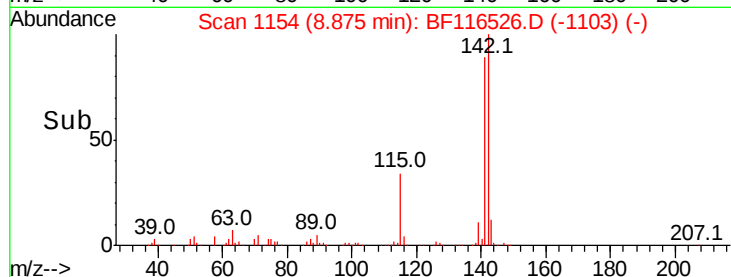
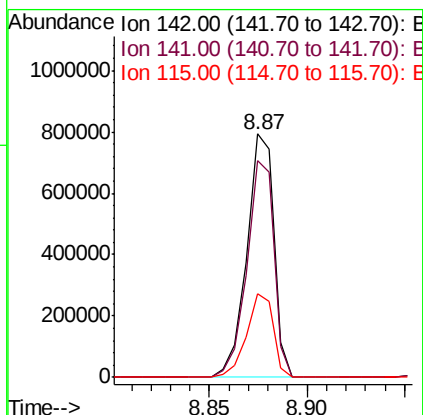
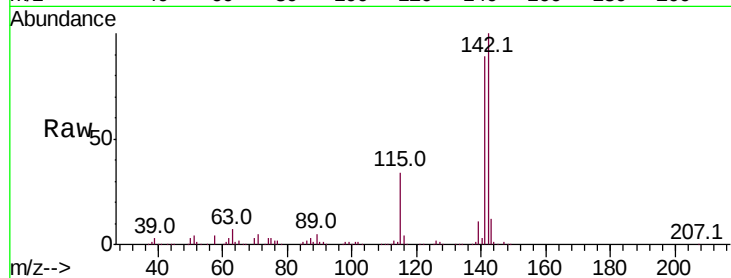




#37
2-Methylnaphthalene
Concen: 37.662 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

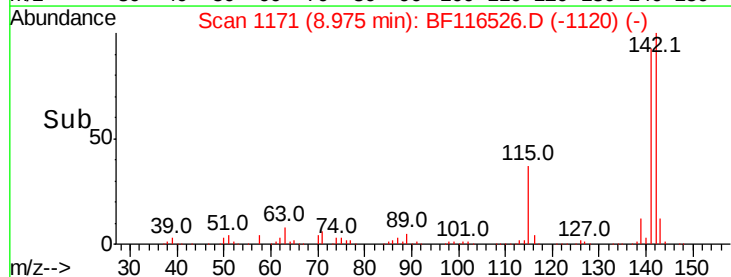
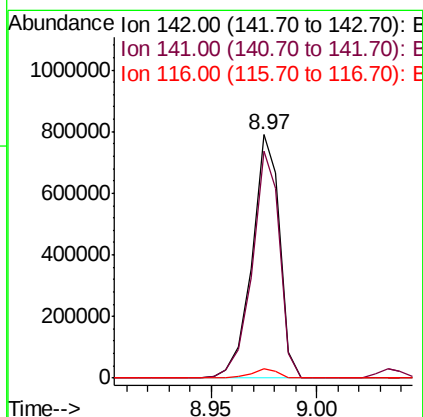
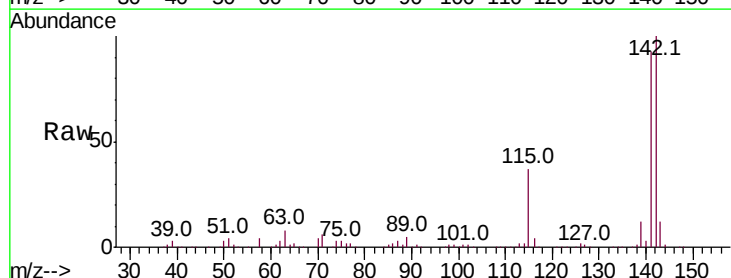
Instrument :
BNA_F
ClientSampled :

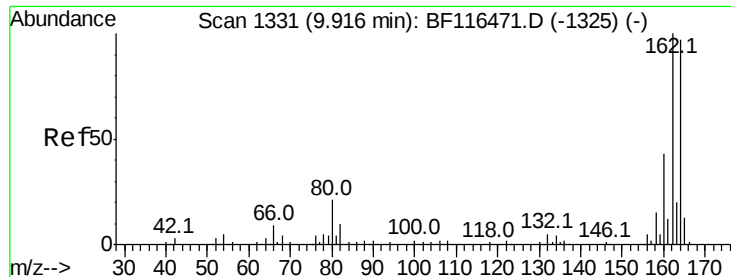
Tot Ion:142 Resp: 763929
Ion Ratio Lower Upper
142 100
141 89.2 69.8 104.6
115 34.4 27.7 41.5



#38
1-Methylnaphthalene
Concen: 37.858 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:142 Resp: 717332
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.2
116 4.0 2.9 4.3

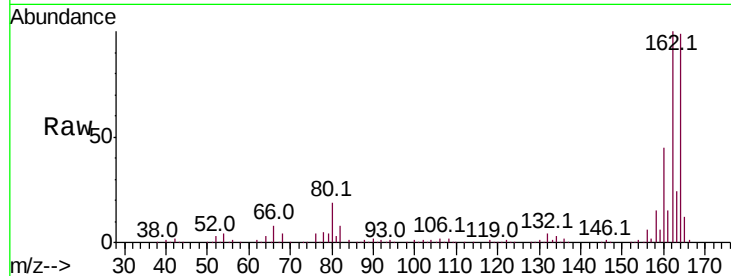




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	45.4	35.8	53.8

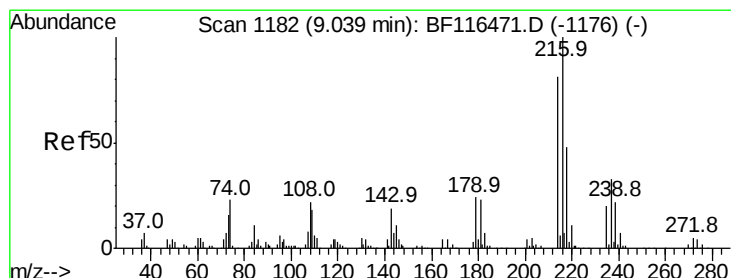
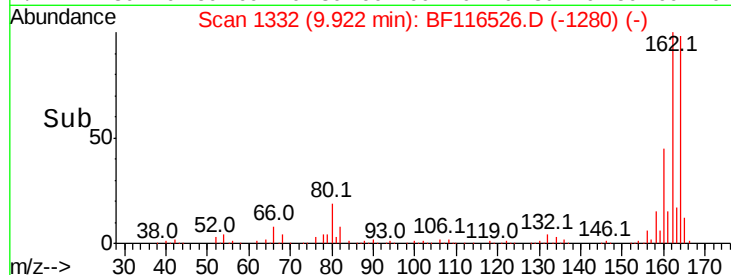
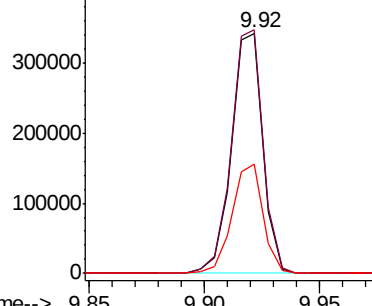


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.462 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.8
179	22.7	18.5	27.7
108	20.7	17.3	25.9

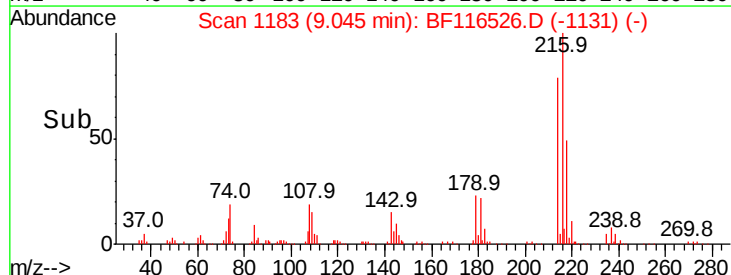
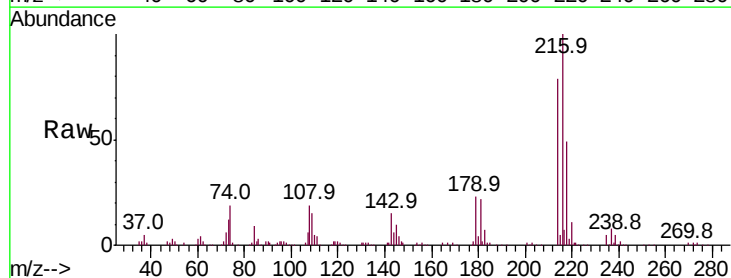
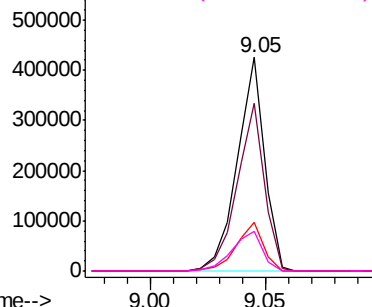
Abundance

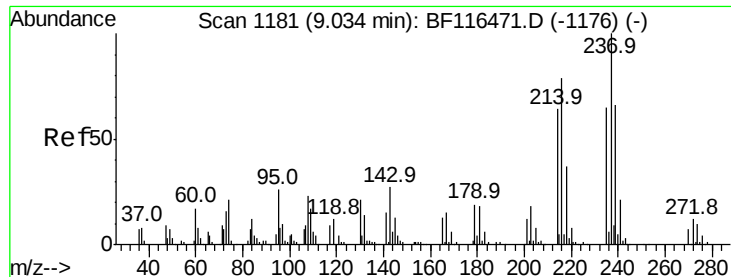
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.381 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

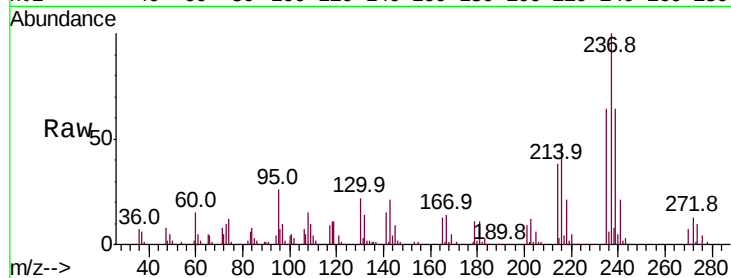
Tot Ion:237 Resp: 188278

Ion Ratio Lower Upper

237 100

235 64.5 44.8 84.8

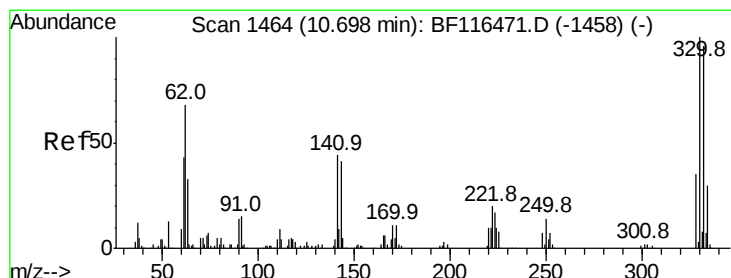
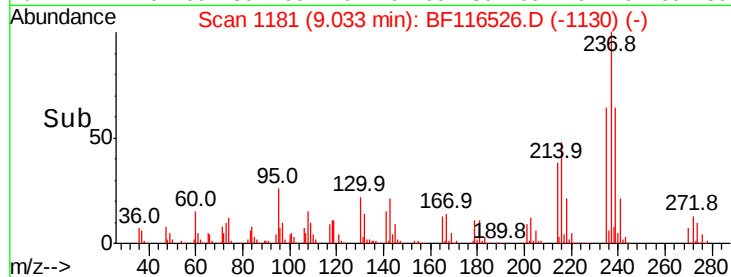
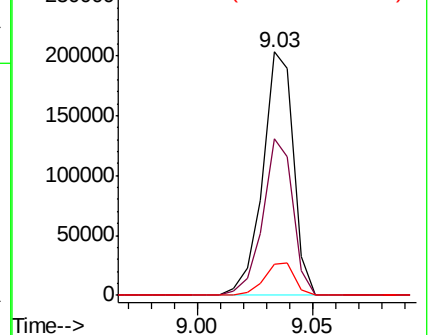
272 12.5 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.796 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

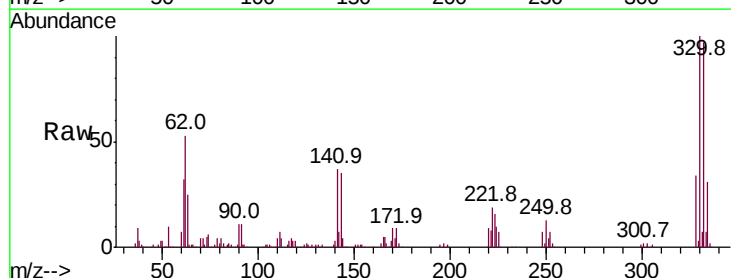
Tgt Ion:330 Resp: 231763

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

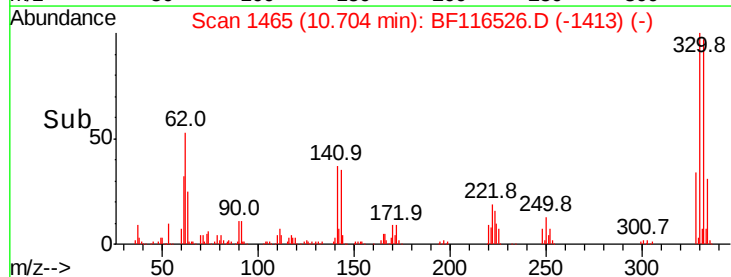
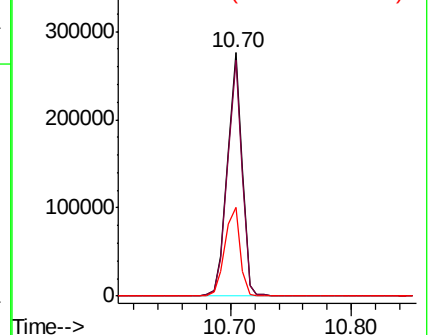
141 37.8 33.3 49.9

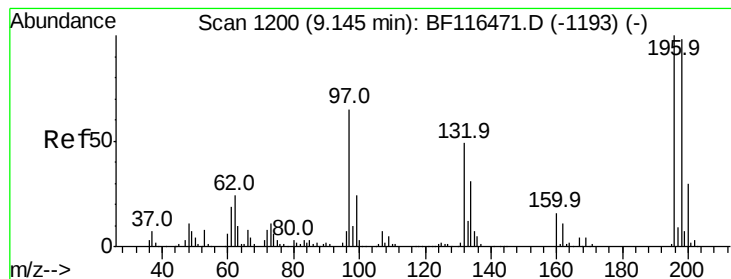


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.773 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

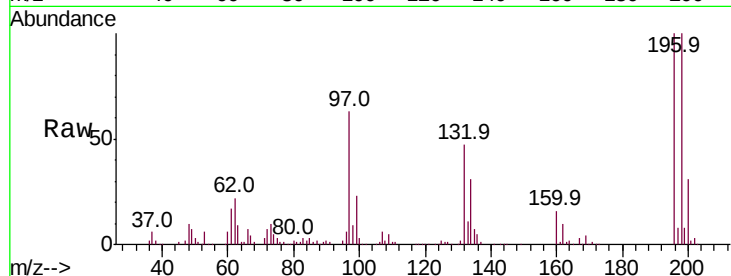
Tot Ion:196 Resp: 241226

Ion Ratio Lower Upper

196 100

198 100.2 78.0 117.0

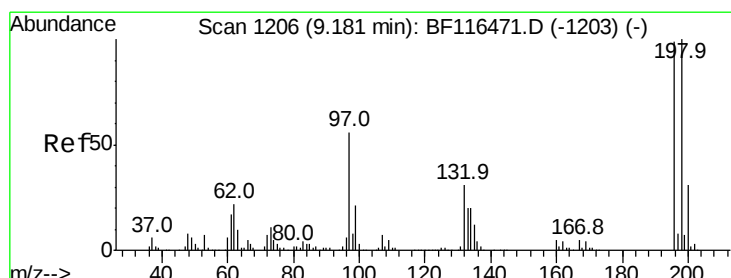
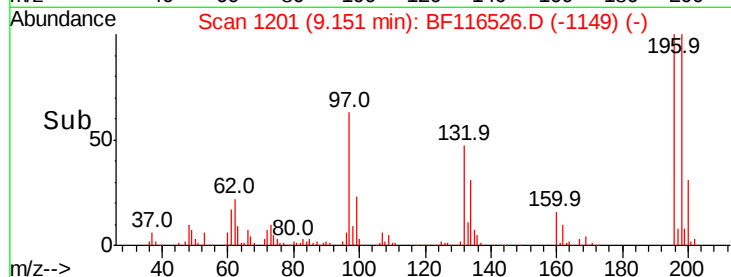
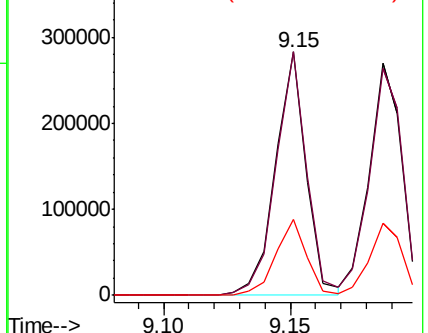
200 31.2 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 39.170 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:196 Resp: 241729

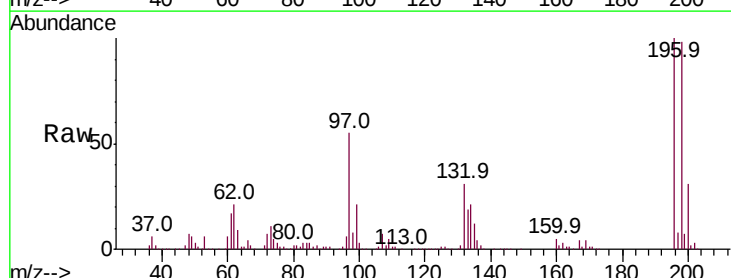
Ion Ratio Lower Upper

196 100

198 98.1 80.8 121.2

97 55.3 45.7 68.5

132 30.6 25.1 37.7

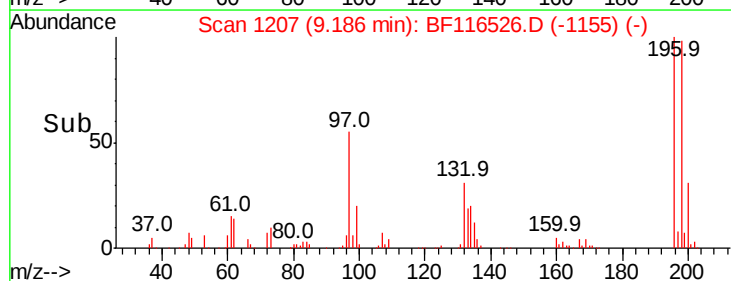
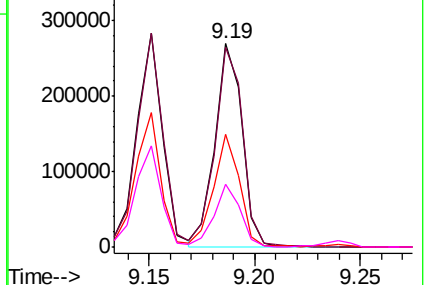


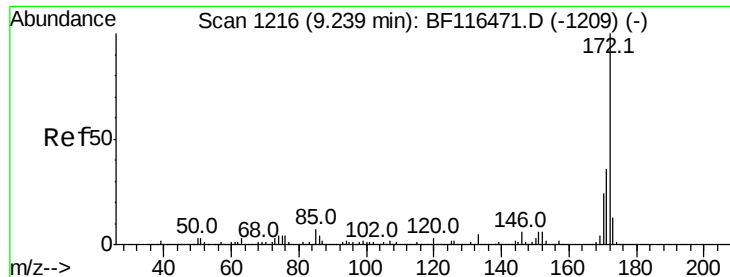
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

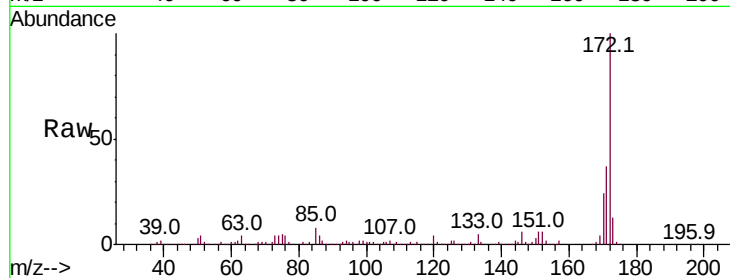




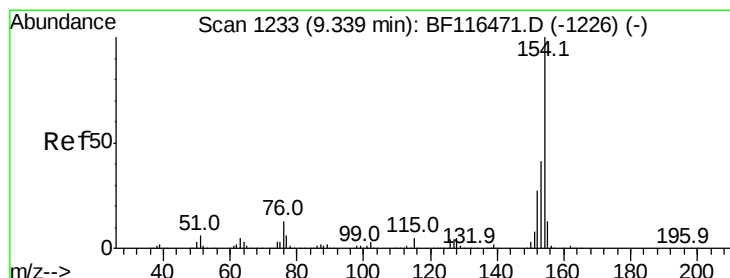
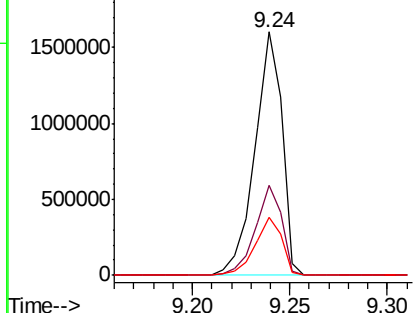
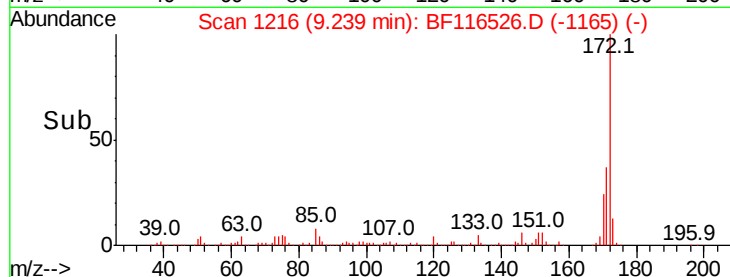
#45
2-Fluorobiphenyl
Concen: 77.108 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1542267
Ion Ratio Lower Upper
172 100
171 36.8 28.9 43.3
170 24.0 19.4 29.0

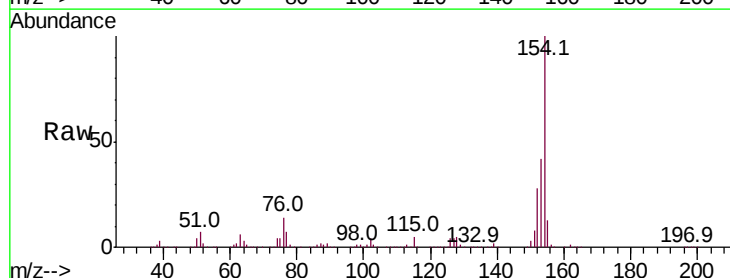


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

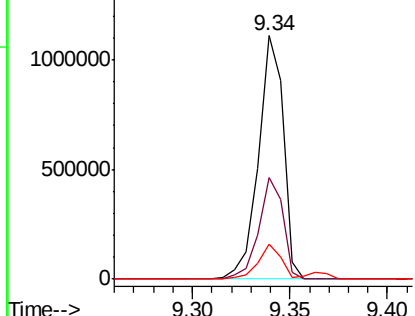
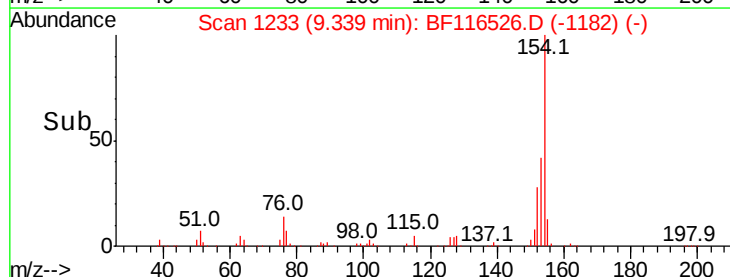


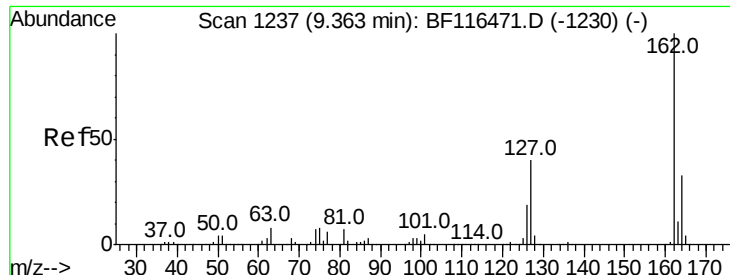
#46
1,1'-Biphenyl
Concen: 38.089 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:154 Resp: 980893
Ion Ratio Lower Upper
154 100
153 41.7 21.3 61.3
76 14.3 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 37.893 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.01 min

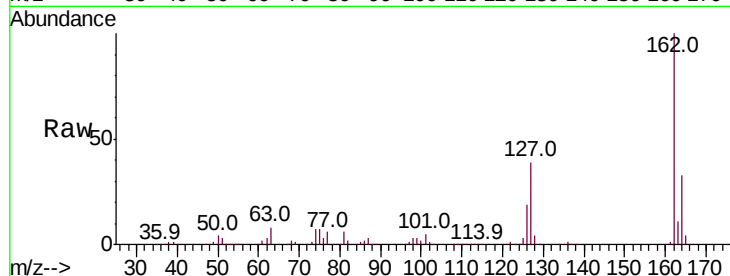
Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 756538

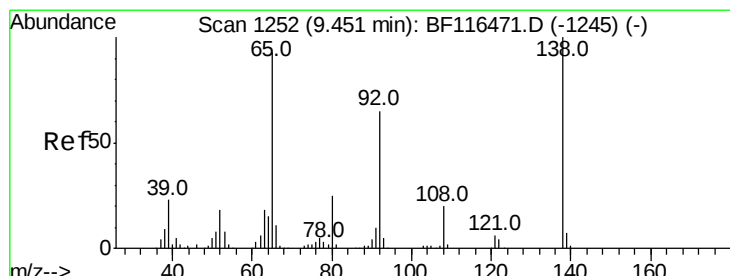
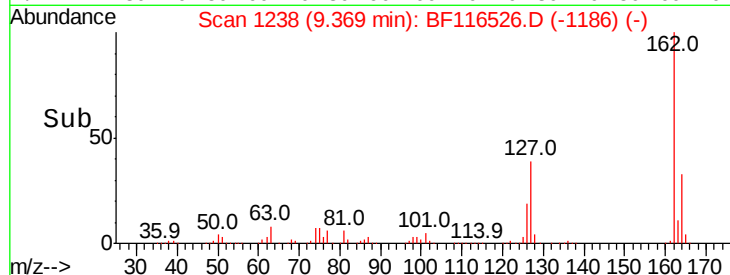
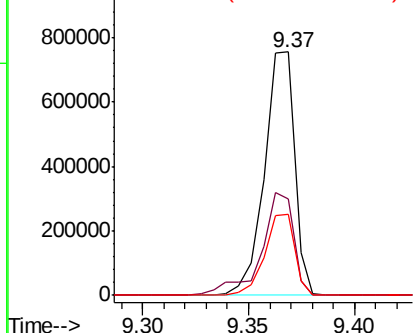
Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.5	48.7
164	33.4	26.7	40.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.811 ng

RT: 9.45 min Scan# 1252

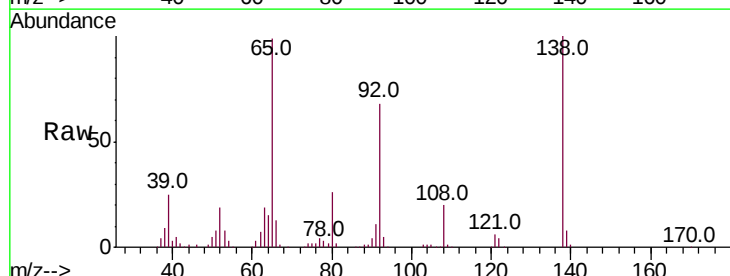
Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion: 65 Resp: 237251

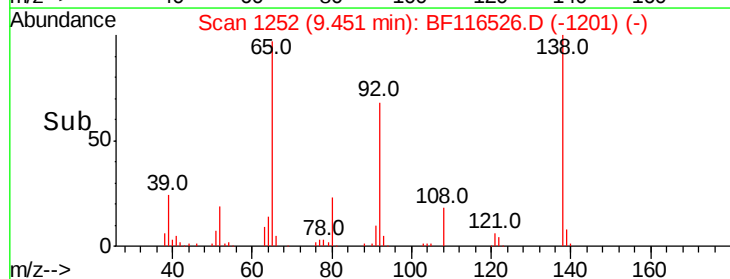
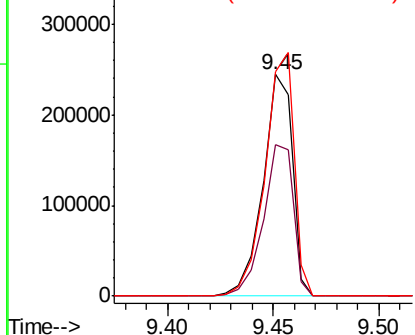
Ion	Ratio	Lower	Upper
65	100		
92	68.5	56.2	84.2
138	101.4	86.0	129.0

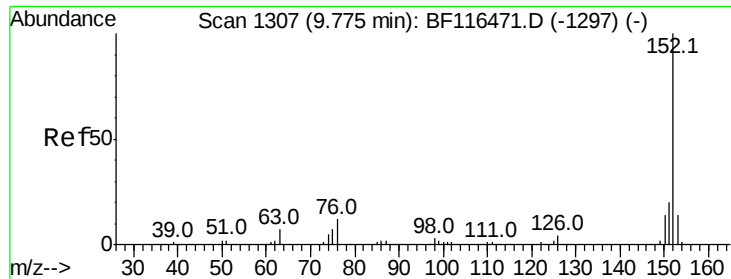


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.751 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

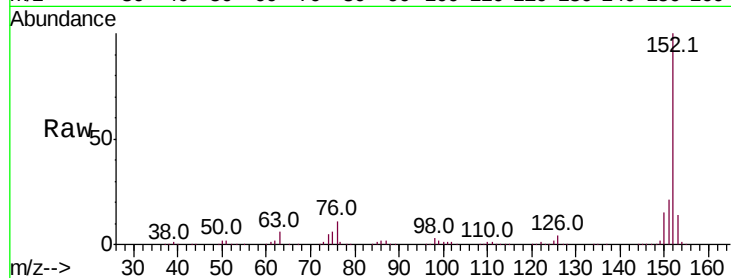
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1102687

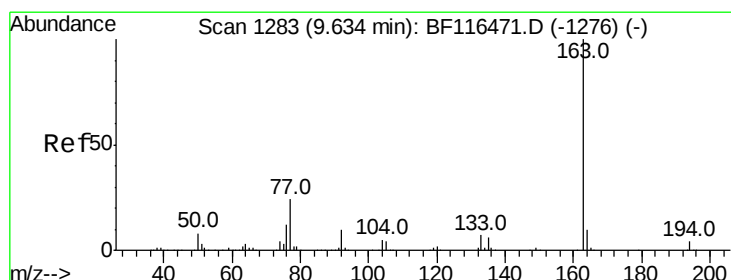
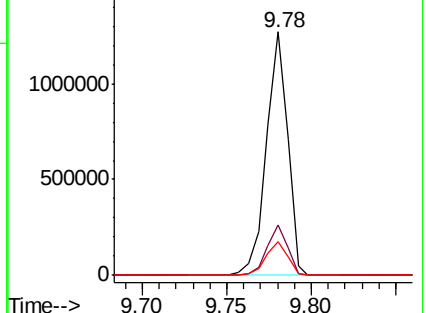
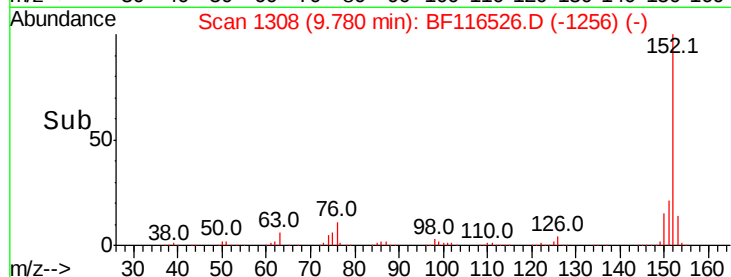
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	14.0	11.4	17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.060 ng

RT: 9.64 min Scan# 1284

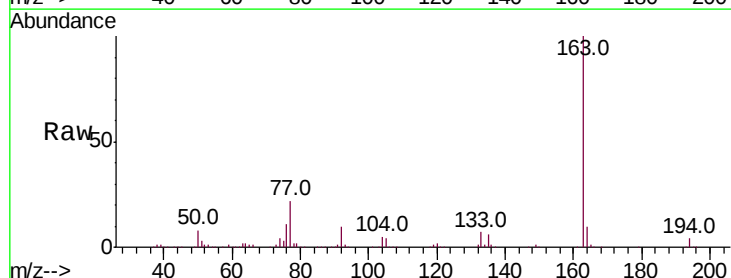
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:163 Resp: 855331

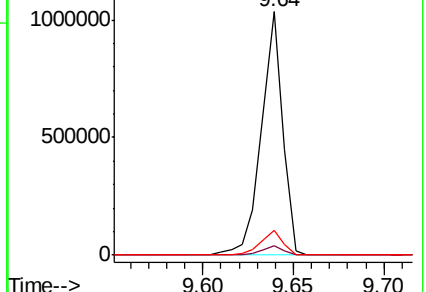
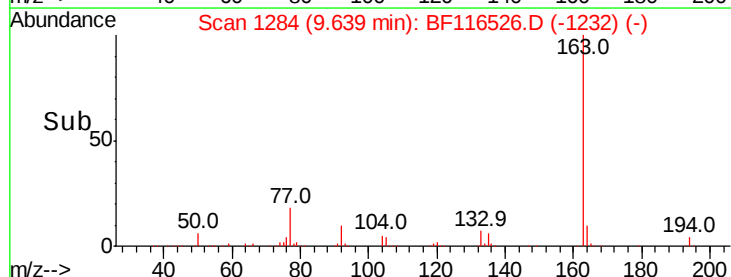
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	10.4	8.2	12.2

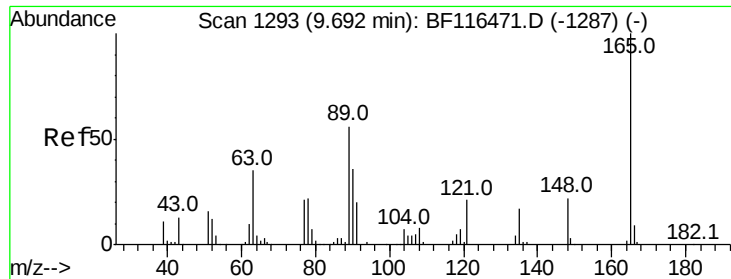


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.503 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :

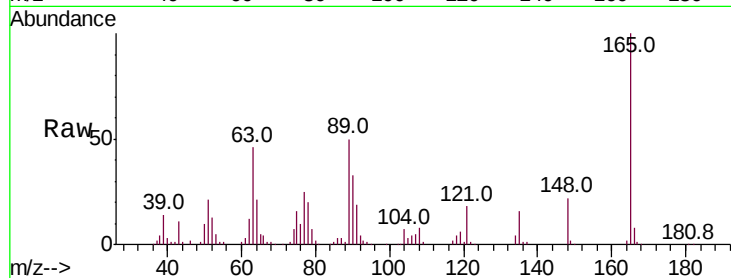
Tot Ion:165 Resp: 190910

Ion Ratio Lower Upper

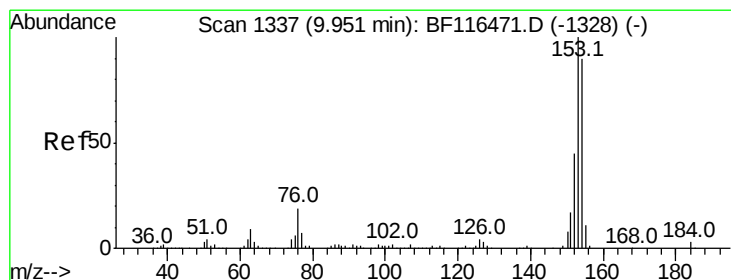
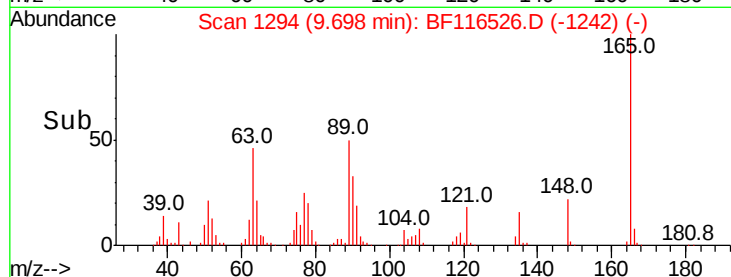
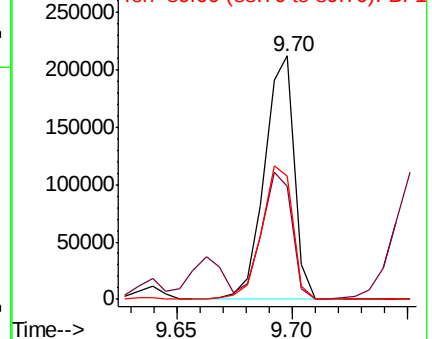
165 100

63 46.3 43.7 65.5

89 50.5 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.563 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

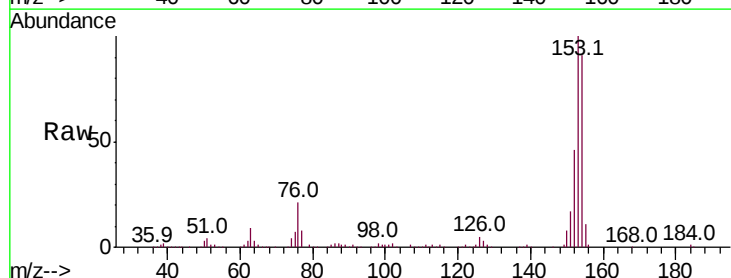
Tgt Ion:154 Resp: 722792

Ion Ratio Lower Upper

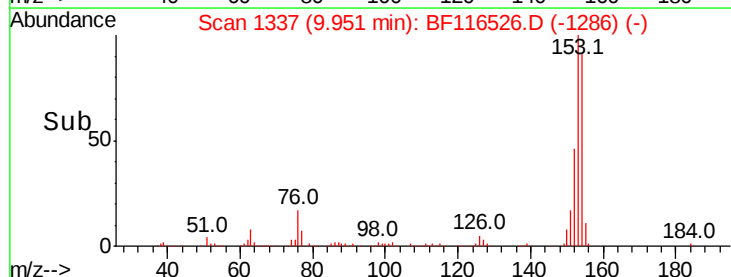
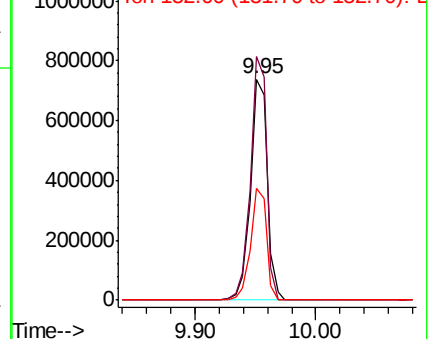
154 100

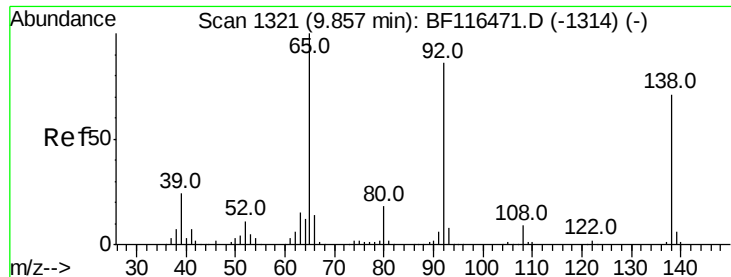
153 110.2 89.3 133.9

152 50.5 40.2 60.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

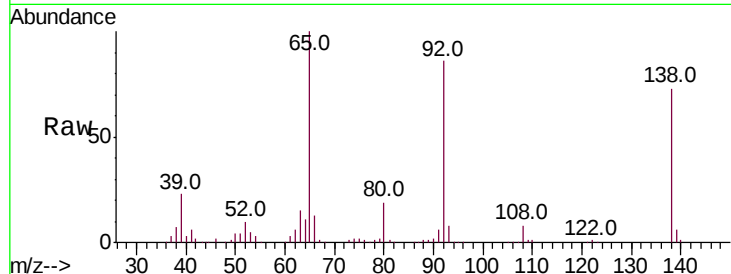




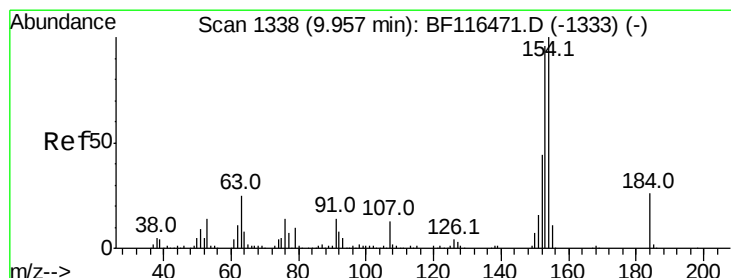
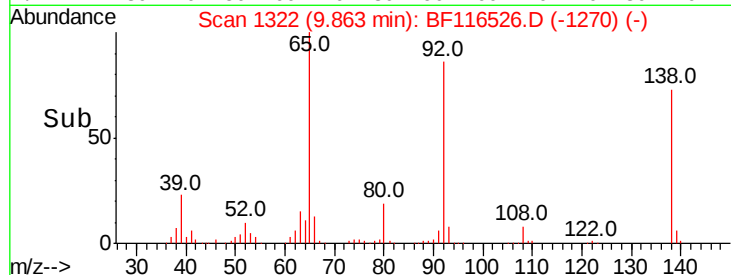
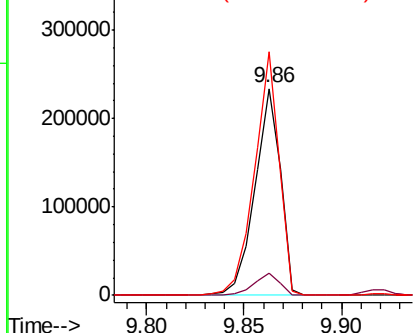
#53
3-Nitroaniline
Concen: 38.637 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 211853
Ion Ratio Lower Upper
138 100
108 10.9 10.0 15.0
92 117.7 97.7 146.5

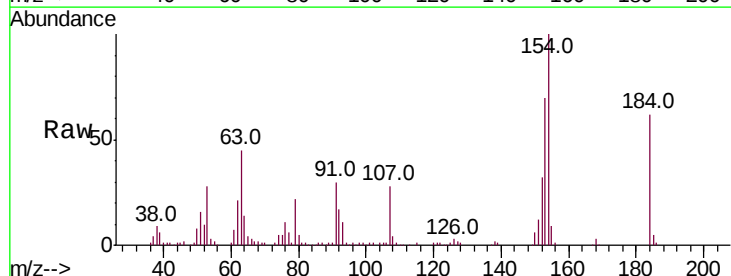


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

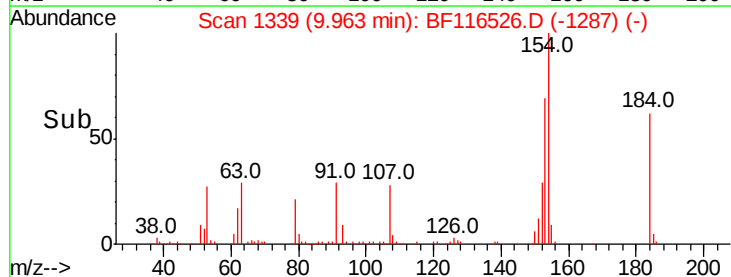
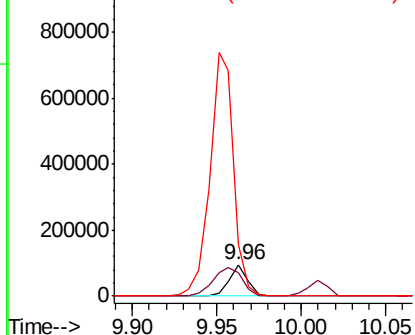


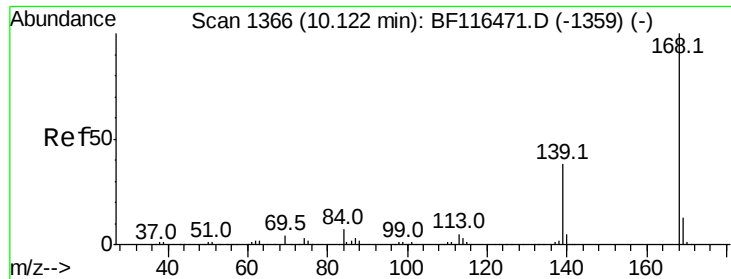
#54
2,4-Dinitrophenol
Concen: 44.044 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:184 Resp: 71709
Ion Ratio Lower Upper
184 100
63 72.5 78.2 117.4#
154 161.4 320.4 480.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

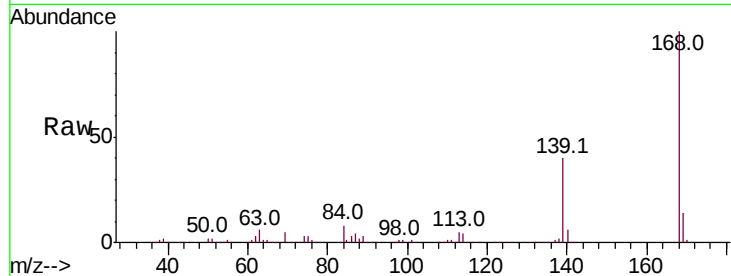




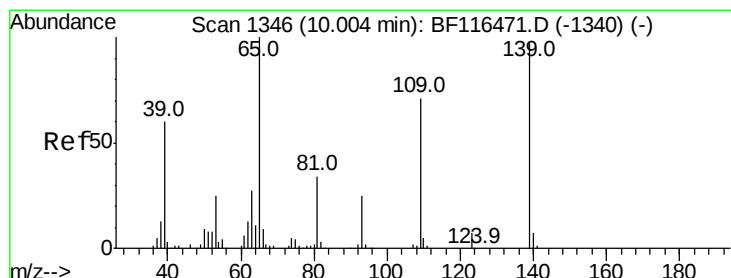
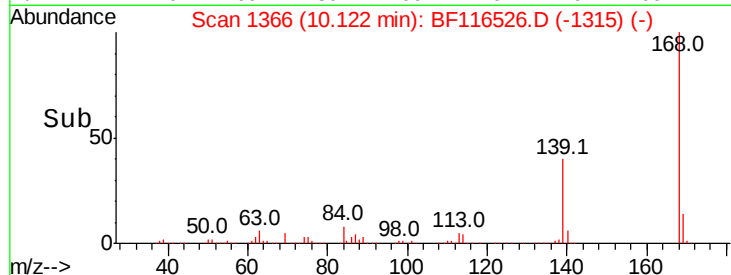
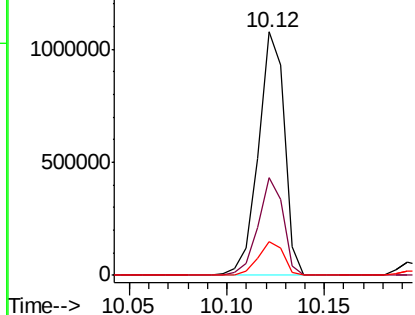
#55
Dibenzenofuran
Concen: 37.945 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 991393
Ion Ratio Lower Upper
168 100
139 40.1 30.7 46.1
169 13.6 10.7 16.1

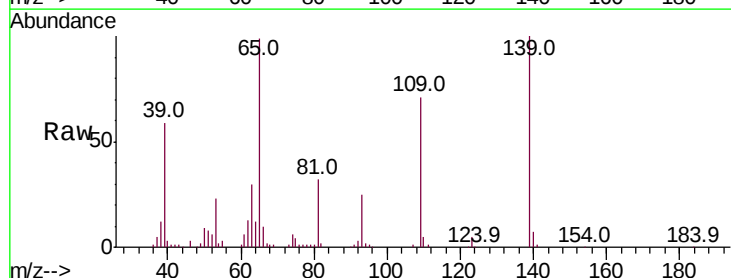


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

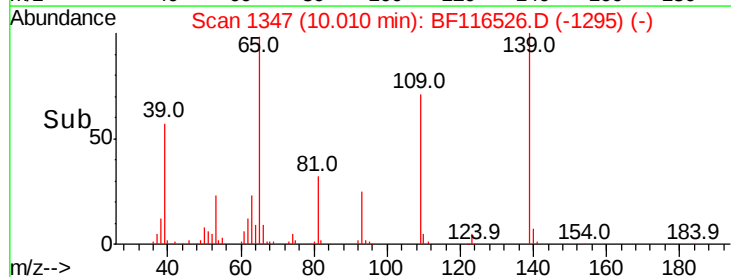
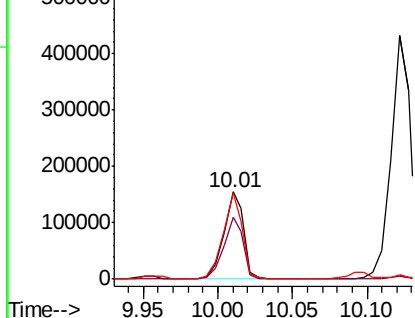


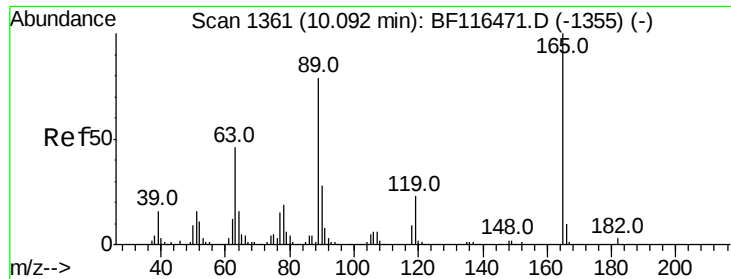
#56
4-Nitrophenol
Concen: 34.248 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:139 Resp: 145957
Ion Ratio Lower Upper
139 100
109 70.8 53.4 93.4
65 99.0 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

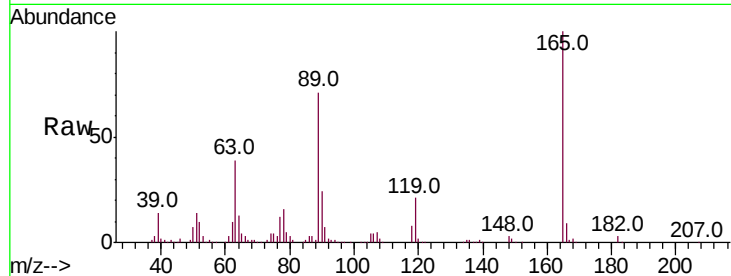




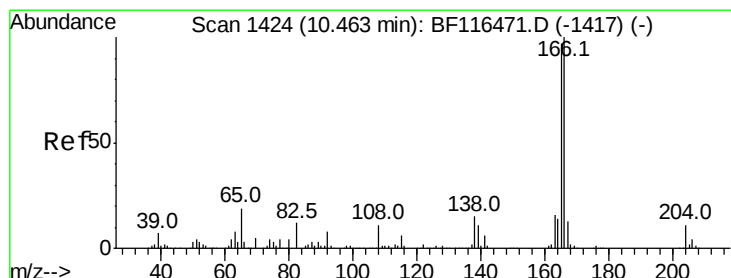
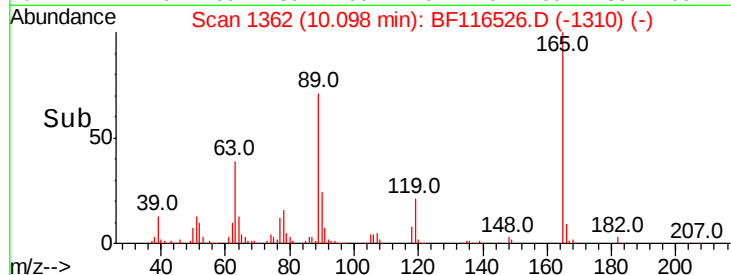
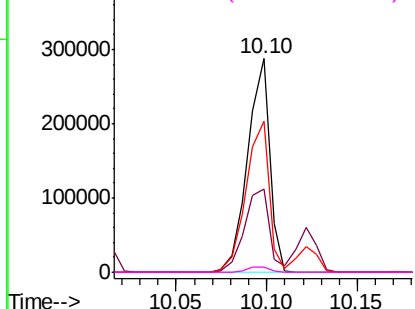
#57
 2,4-Dinitrotoluene
 Concen: 41.767 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 244473
 Ion Ratio Lower Upper
 165 100
 63 39.3 36.9 55.3
 89 70.6 63.4 95.0
 182 2.7 2.1 3.1

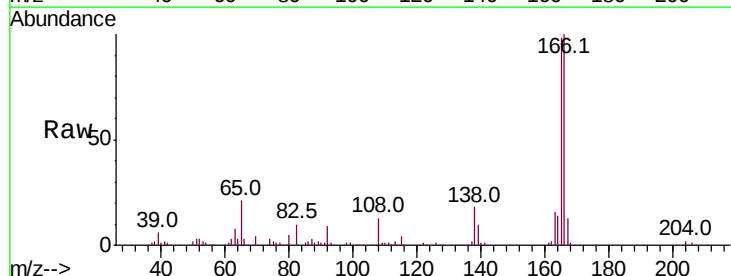


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

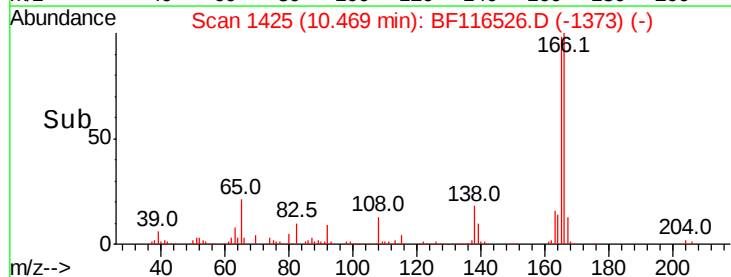
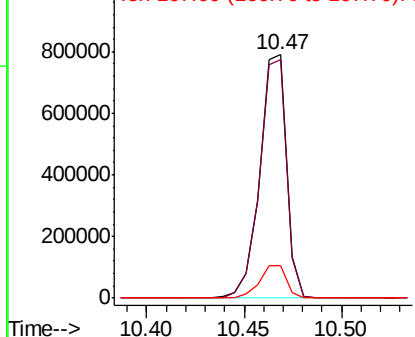


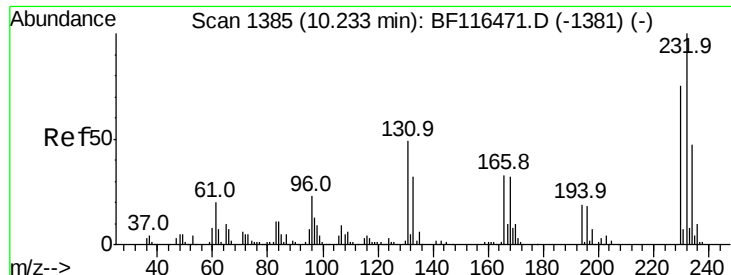
#58
 Fluorene
 Concen: 36.803 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:166 Resp: 747064
 Ion Ratio Lower Upper
 166 100
 165 97.8 77.4 116.0
 167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

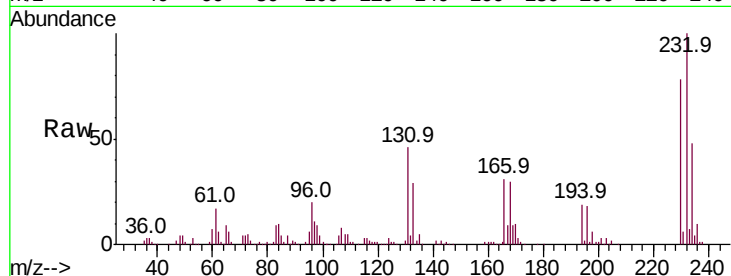




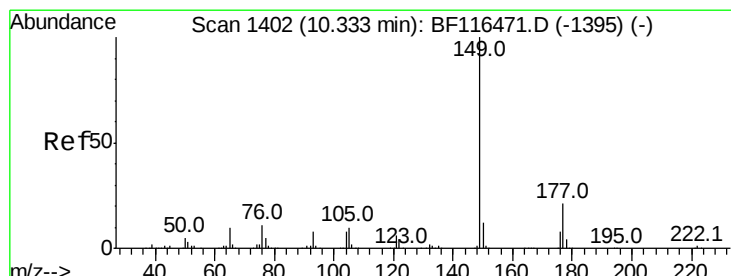
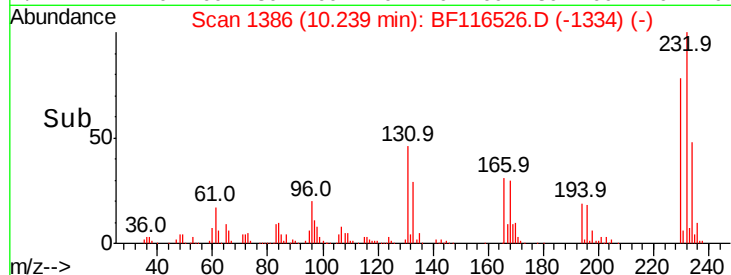
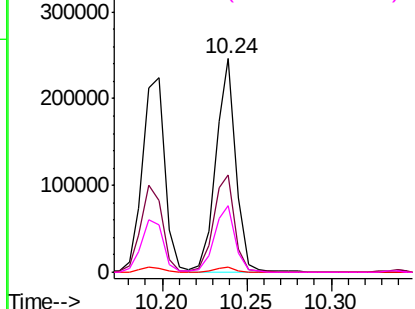
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.091 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	203149
Ion	Ratio	Lower	Upper
232	100		
131	48.0	40.8	61.2
130	2.3	1.8	2.8
166	32.4	26.8	40.2

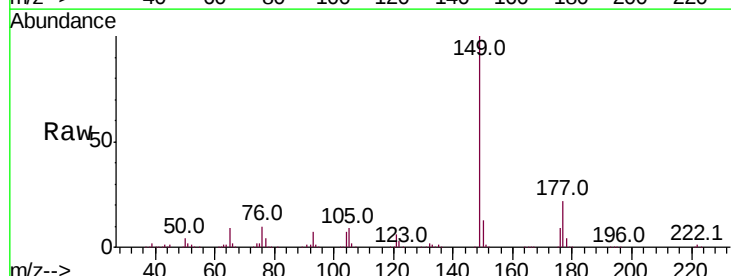


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

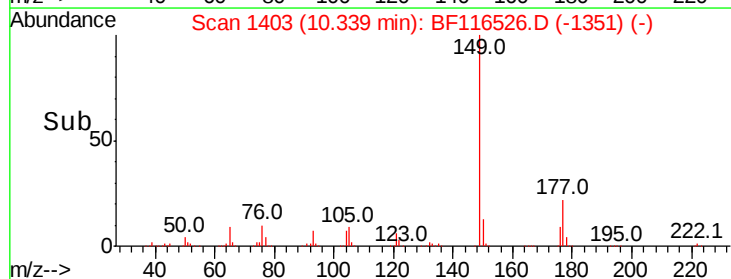
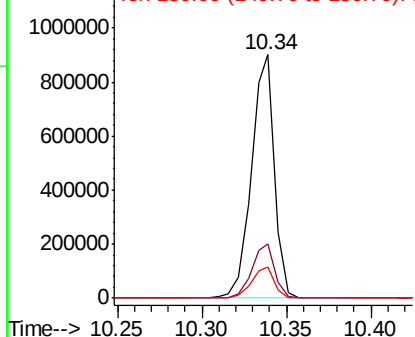


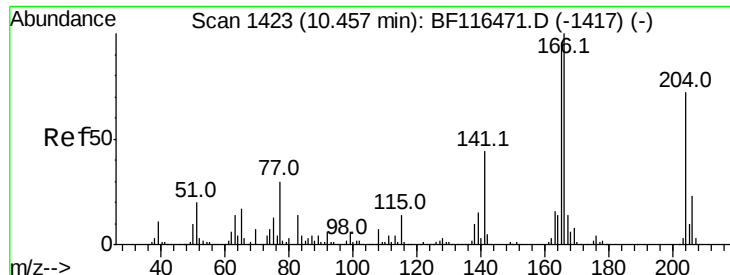
#60
 Diethylphthalate
 Concen: 38.532 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:	149	Resp:	851110
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.7	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

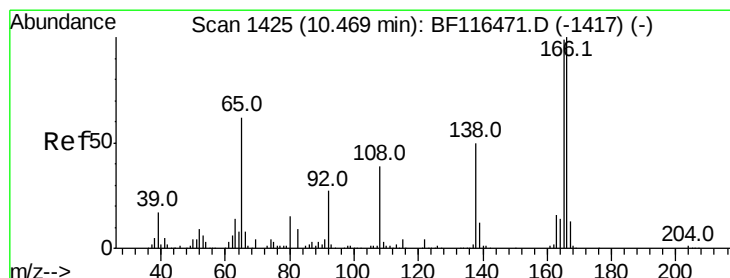
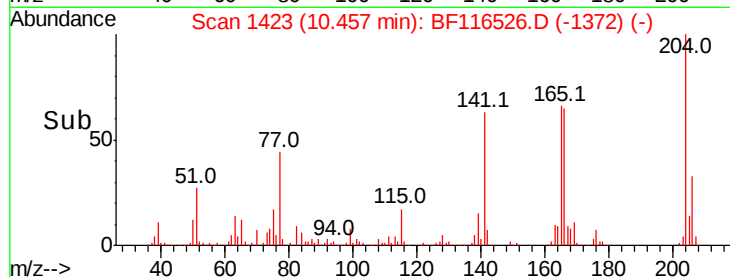
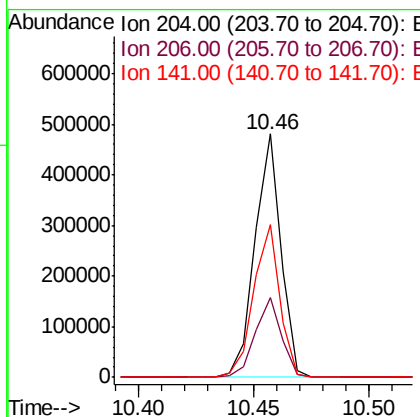
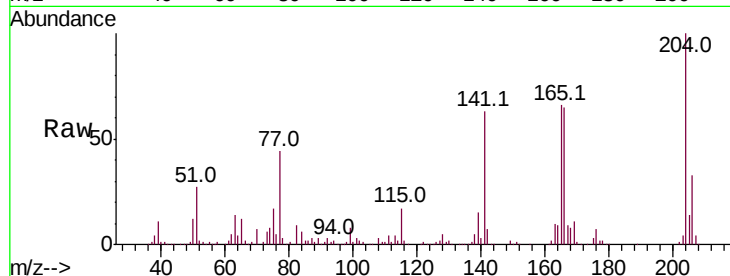




#61
 4-Chlorophenyl-phenylether
 Concen: 38.457 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

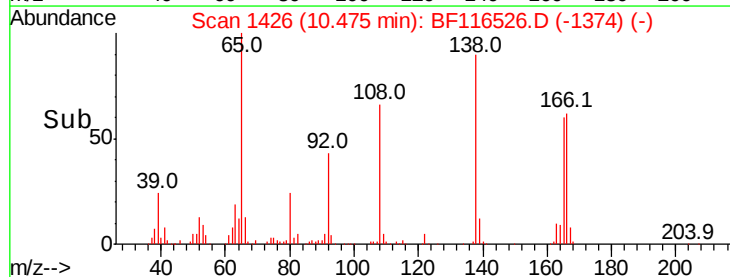
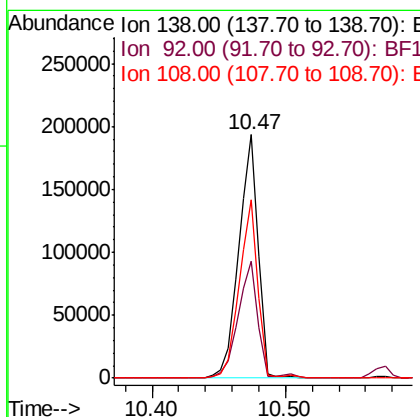
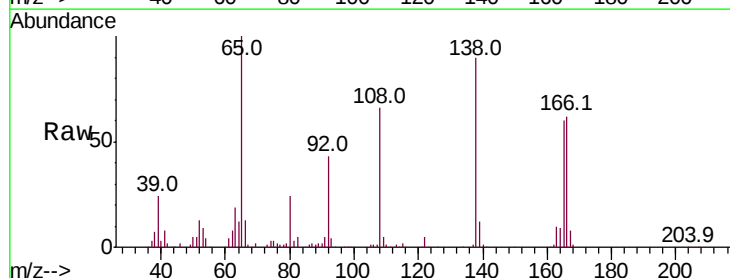
Instrument :
 BNA_F
 ClientSampleId :

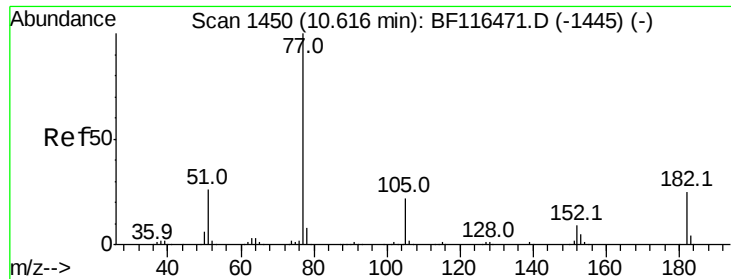
Tot Ion:204 Resp: 380834
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.9 38.9
 141 63.0 48.6 73.0



#62
 4-Nitroaniline
 Concen: 36.476 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:138 Resp: 195611
 Ion Ratio Lower Upper
 138 100
 92 48.3 34.9 74.9
 108 73.3 57.7 97.7

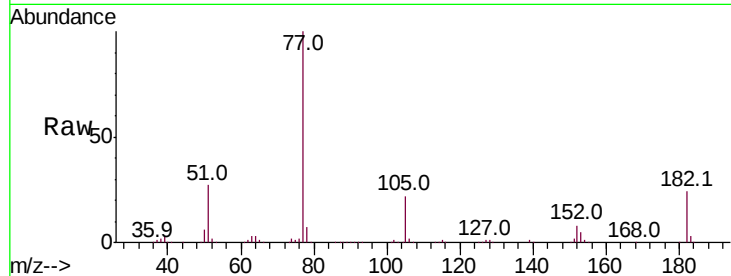




#63
Azobenzene
Concen: 36.744 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	5.4	45.4
105	21.7	1.6	41.6
51	27.2	6.2	46.2



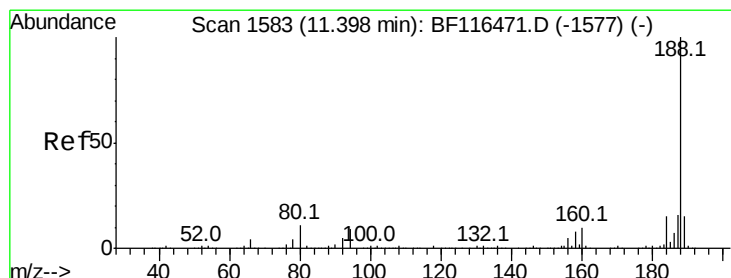
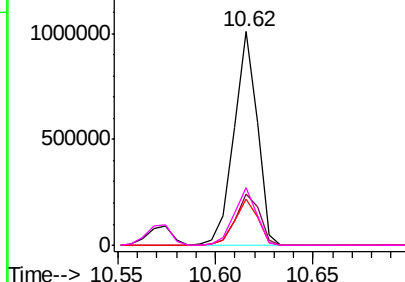
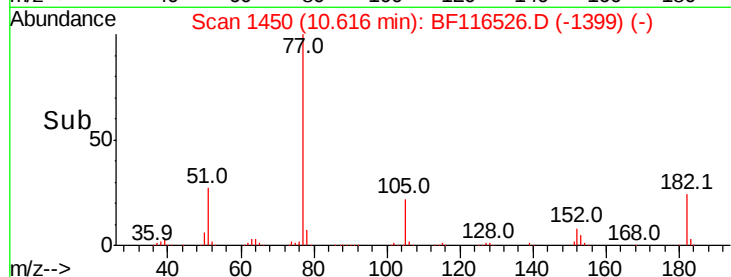
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

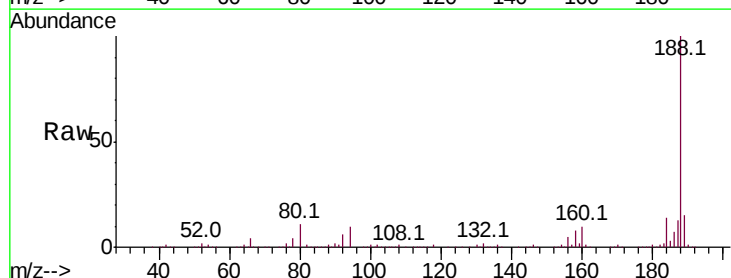
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.2
80	11.2	8.6	12.8

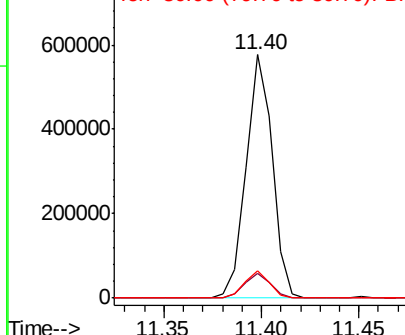
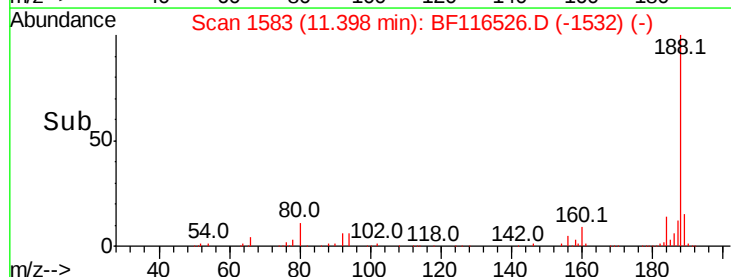


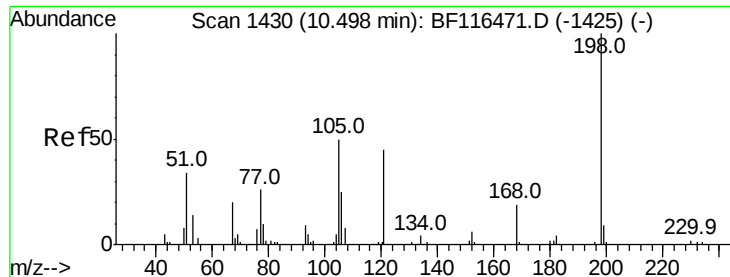
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 47.163 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

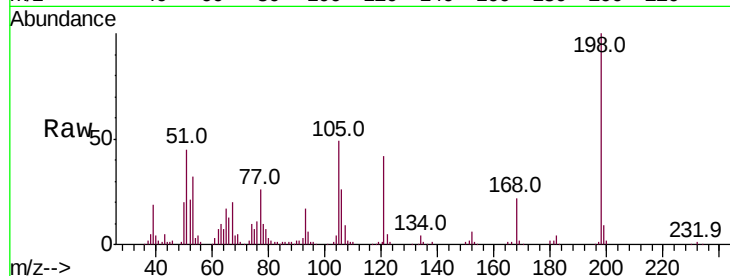
Tot Ion:198 Resp: 103442

Ion Ratio Lower Upper

198 100

51 45.0 30.4 70.4

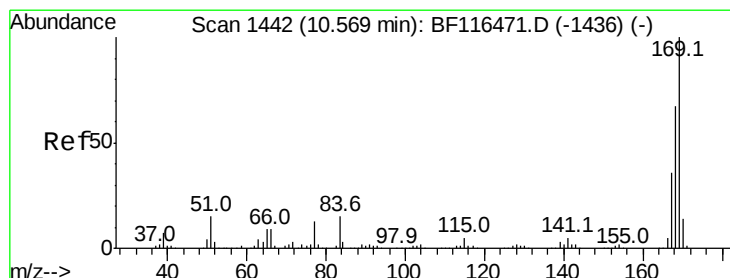
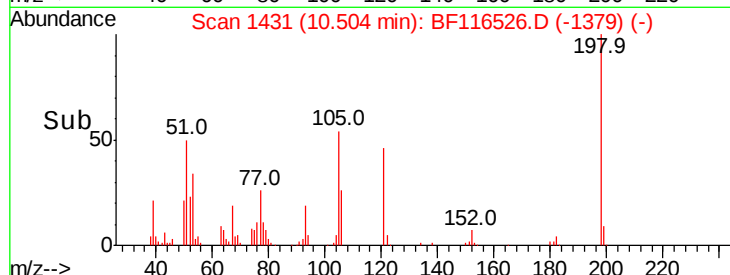
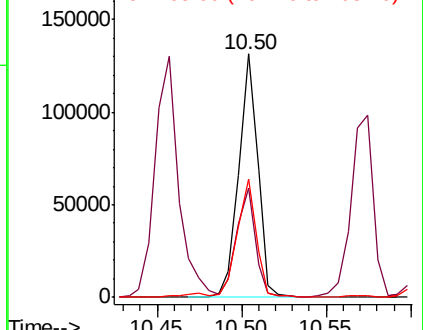
105 48.6 32.8 72.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.574 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

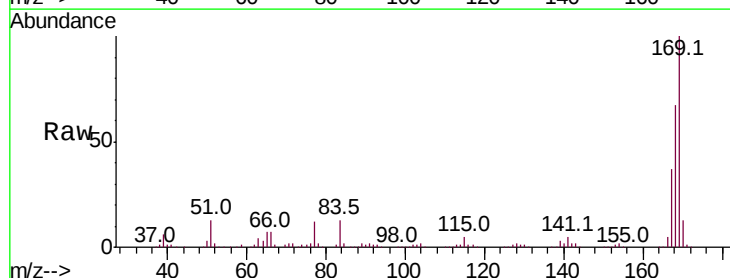
Tgt Ion:169 Resp: 670123

Ion Ratio Lower Upper

169 100

168 67.3 53.6 80.4

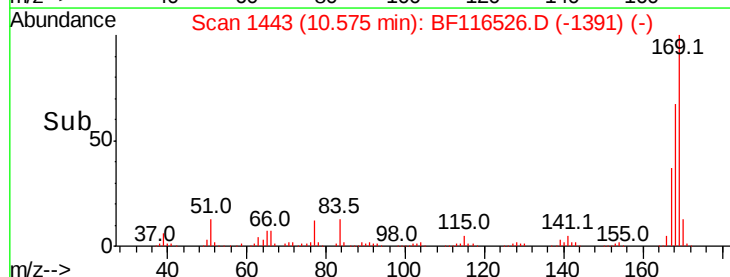
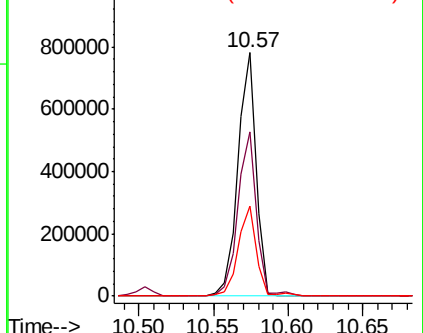
167 36.8 28.7 43.1

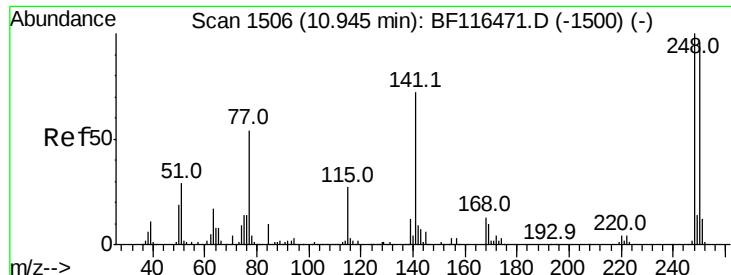


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

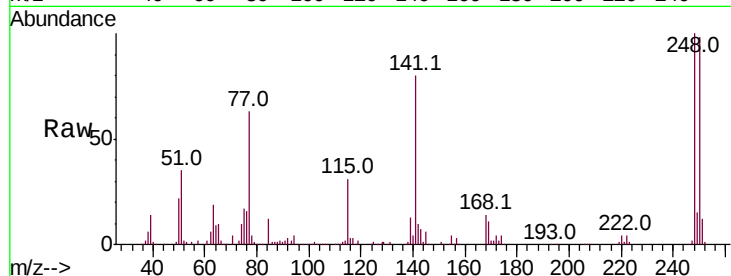




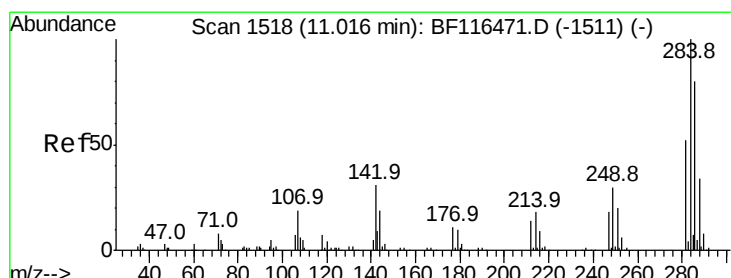
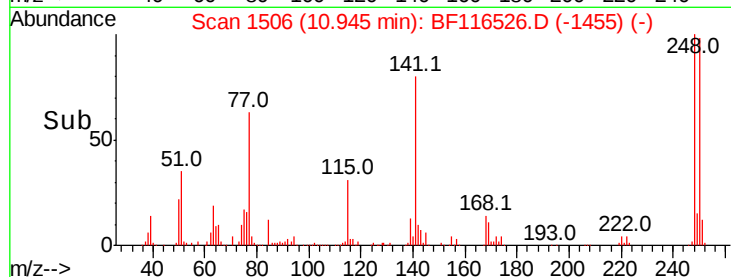
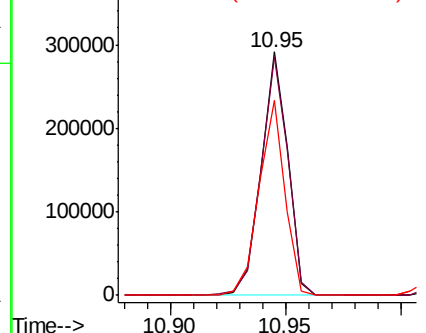
#67
4-Bromophenyl-phenylether
Concen: 41.615 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 234074
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.6
141 80.3 57.4 86.0

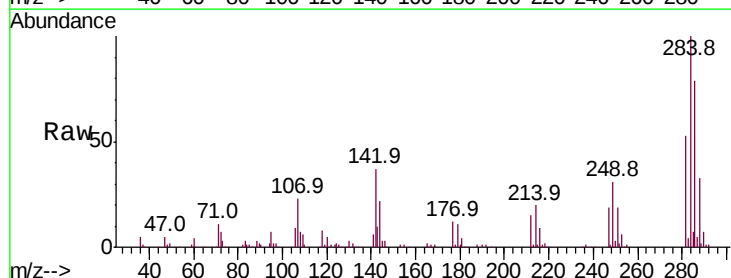


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

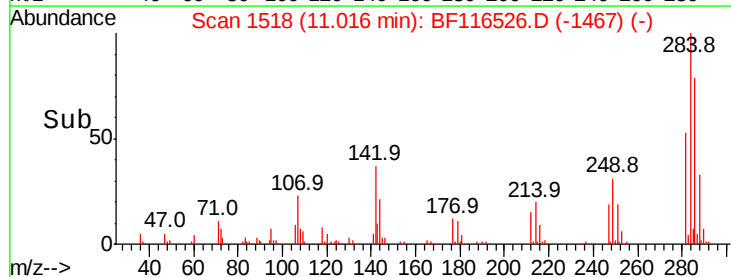
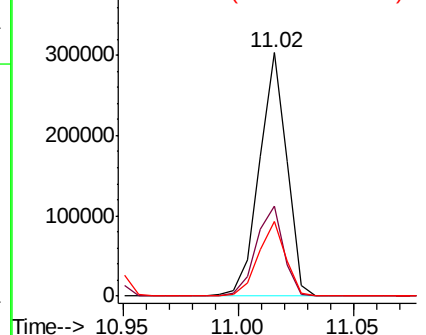


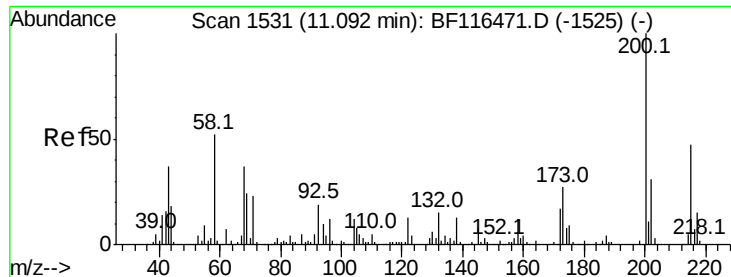
#68
Hexachlorobenzene
Concen: 40.432 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:284 Resp: 251537
Ion Ratio Lower Upper
284 100
142 36.8 24.6 36.8
249 30.6 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

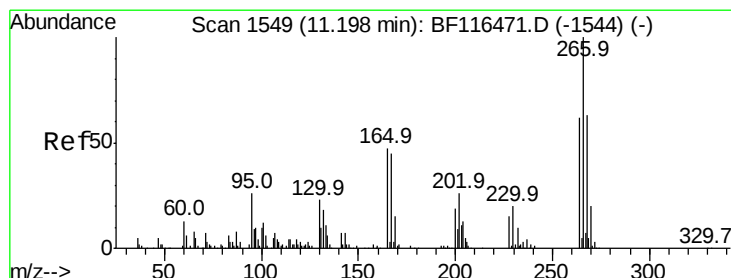
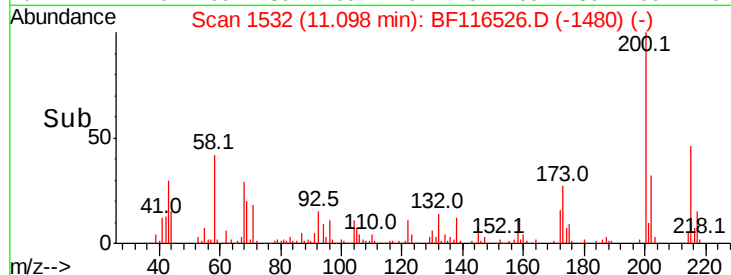
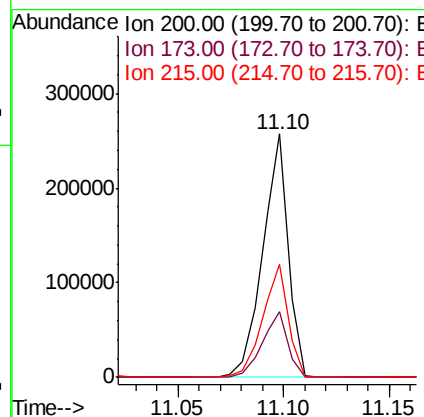
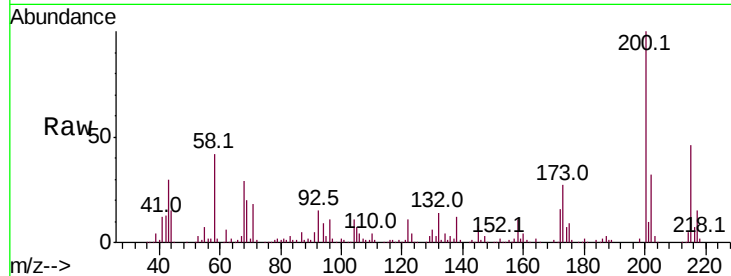




#69
Atrazine
Concen: 41.450 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

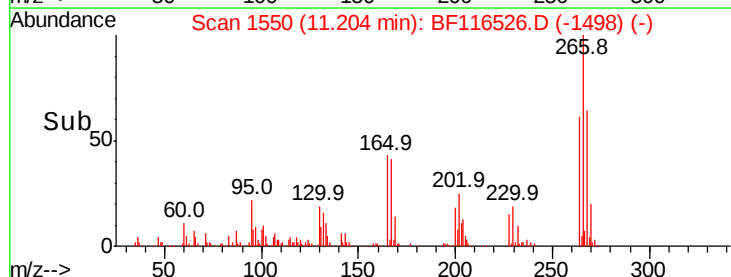
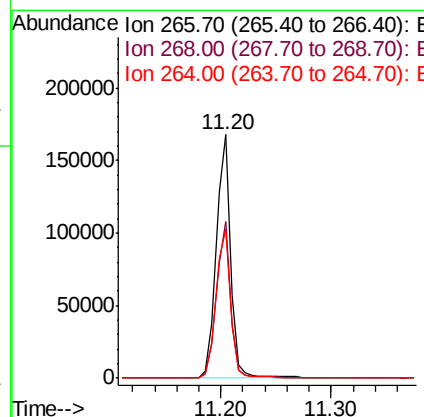
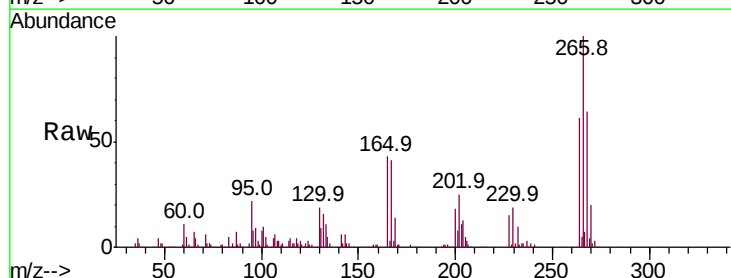
Instrument :
BNA_F
ClientSampleId :

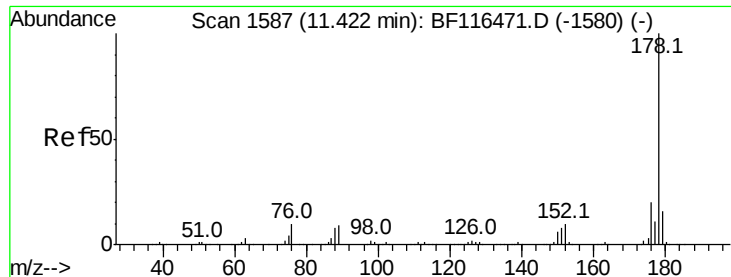
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	46.2	26.7	66.7



#70
Pentachlorophenol
Concen: 40.832 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	50.7	76.1
264	61.3	50.0	75.0

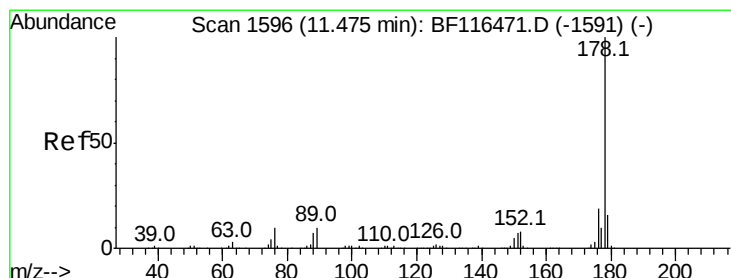
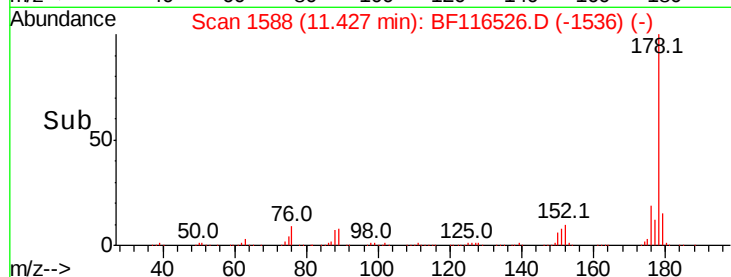
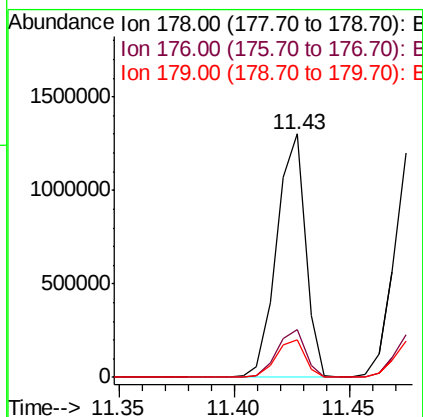
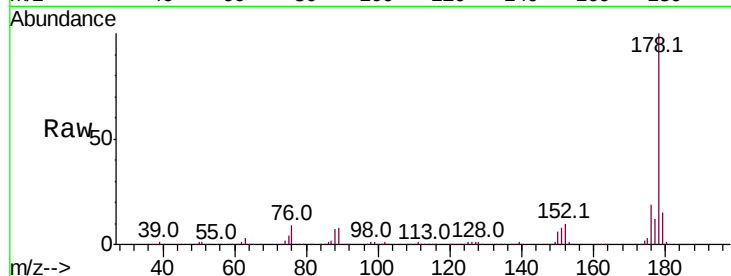




#71
 Phenanthrene
 Concen: 38.468 ng
 RT: 11.43 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

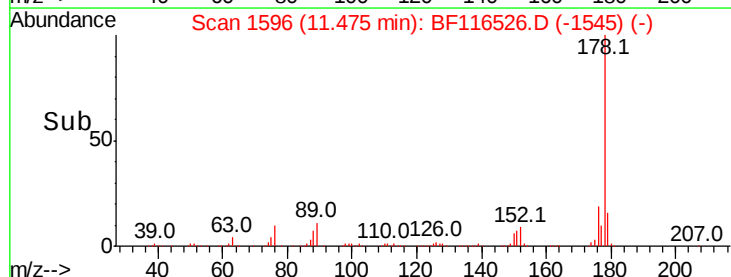
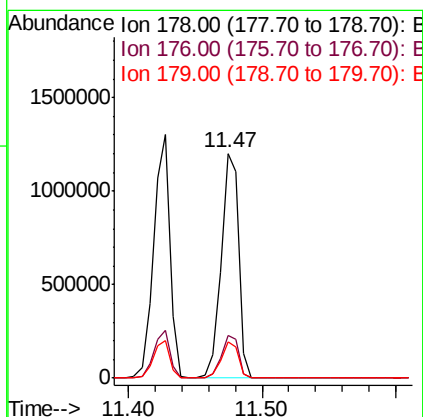
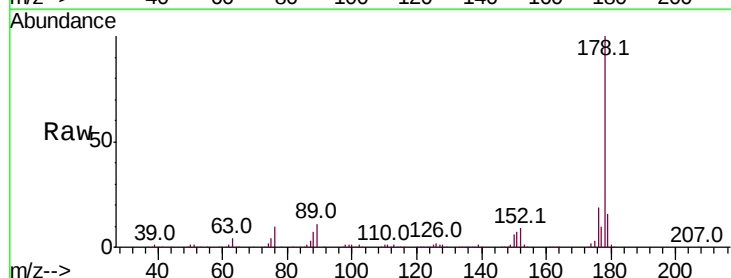
Instrument :
 BNA_F
 ClientSampleId :

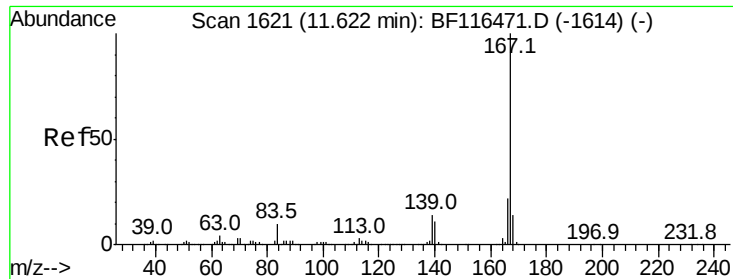
Tot Ion:178 Resp: 1124308
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.4 12.8 19.2



#72
 Anthracene
 Concen: 37.943 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:178 Resp: 1114372
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 16.3 12.5 18.7

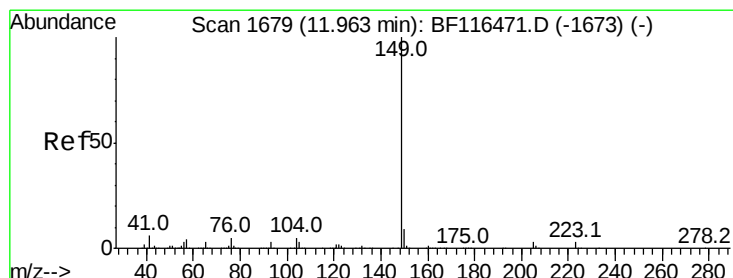
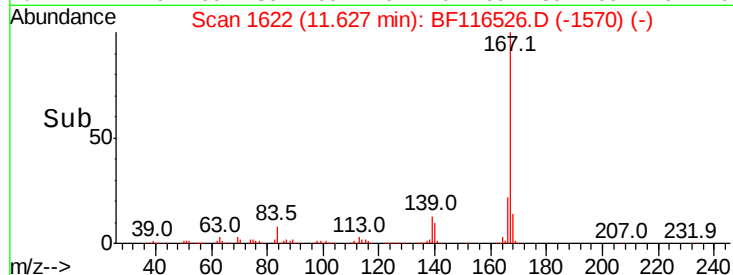
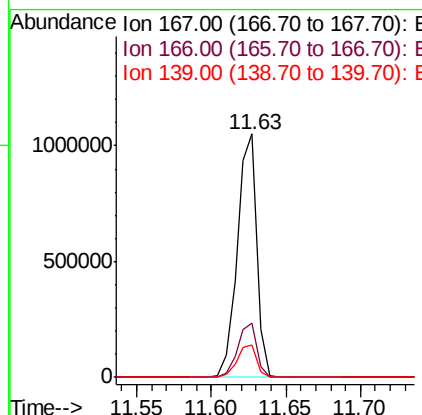
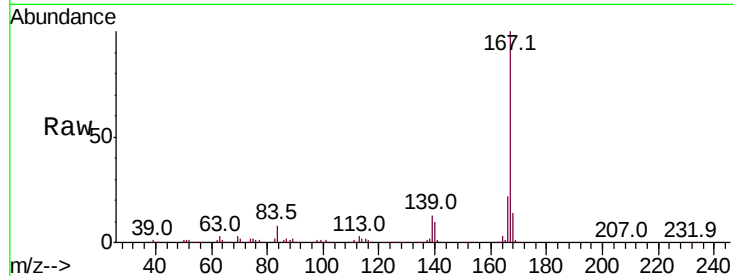




#73
 Carbazole
 Concen: 36.527 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.01 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

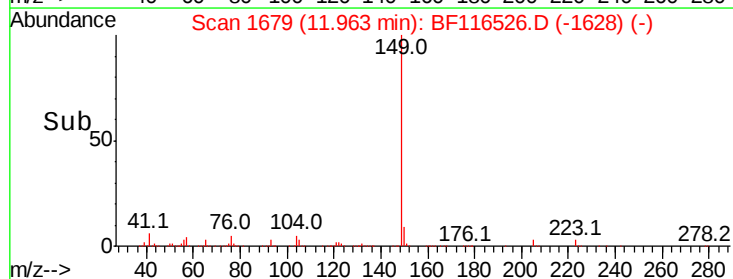
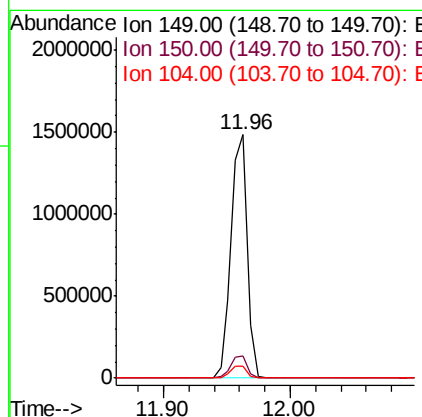
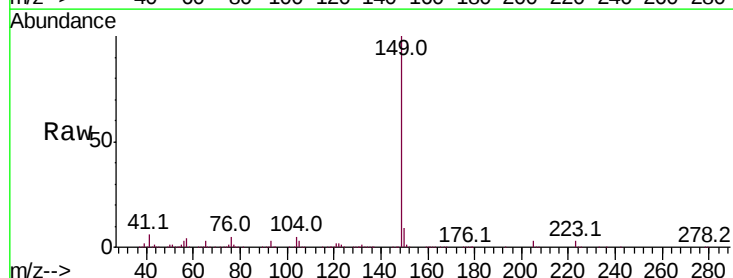
Instrument :
 BNA_F
 ClientSampleId :

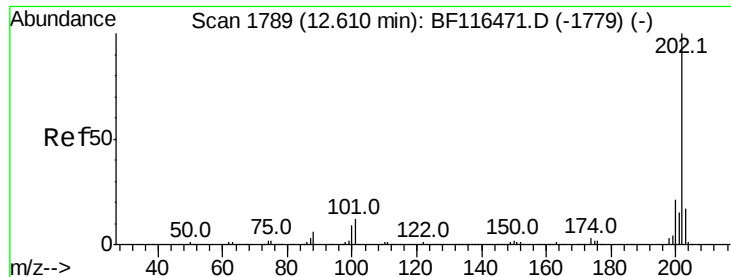
Tot Ion:167 Resp: 962954
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.4 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.024 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:149 Resp: 1307493
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1

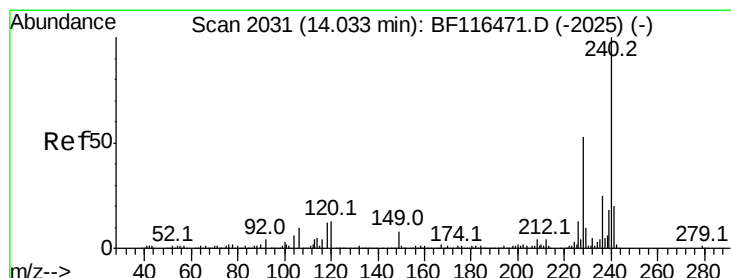
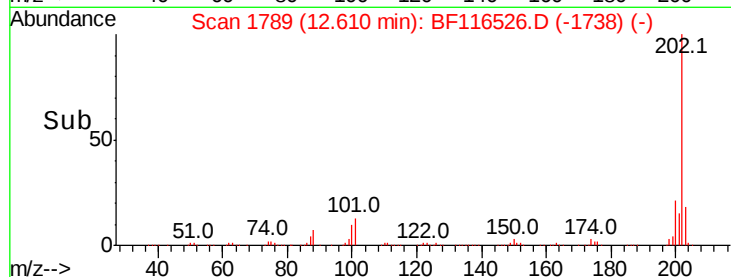
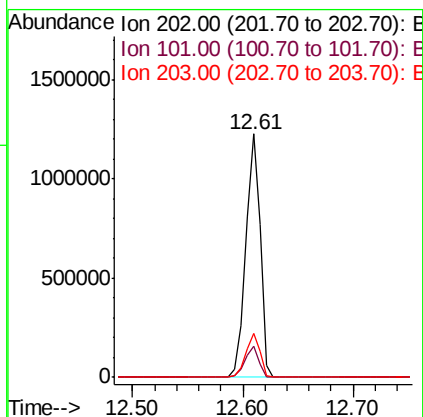
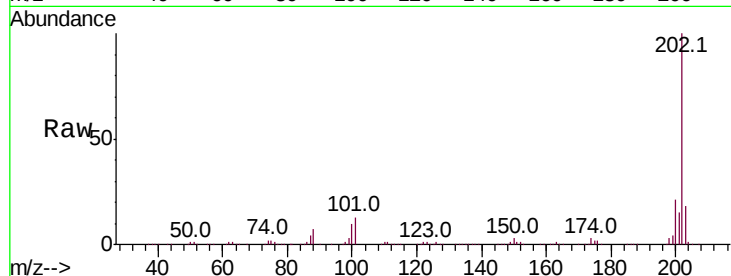




#75
 Fluoranthene
 Concen: 37.163 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

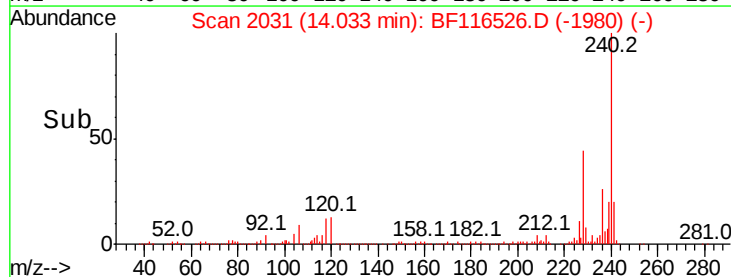
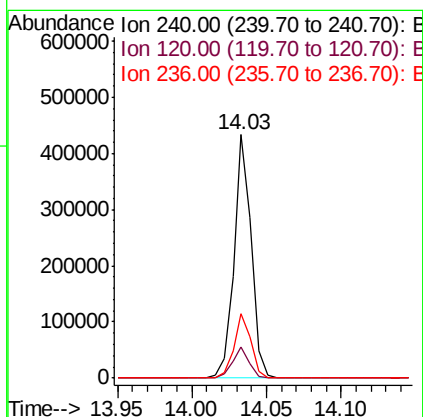
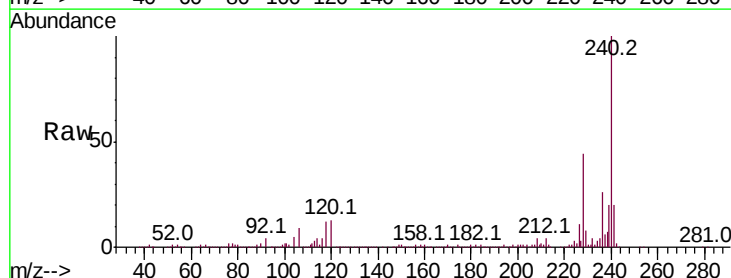
Instrument :
 BNA_F
 ClientSampleId :

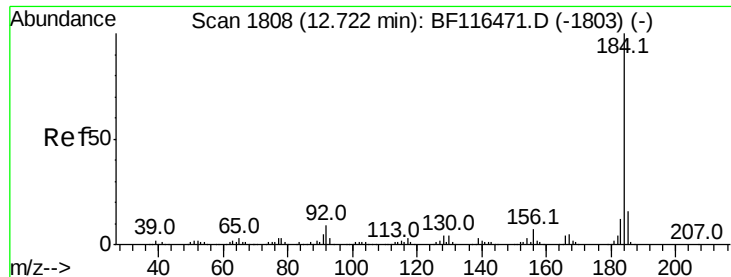
Tot Ion:202 Resp: 1122959
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.5
 203 18.0 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116526.D
 Acq: 25 Aug 2019 12:38

Tgt Ion:240 Resp: 351849
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.5 15.7
 236 26.2 20.2 30.2





#77

Benzidine

Concen: 31.677 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

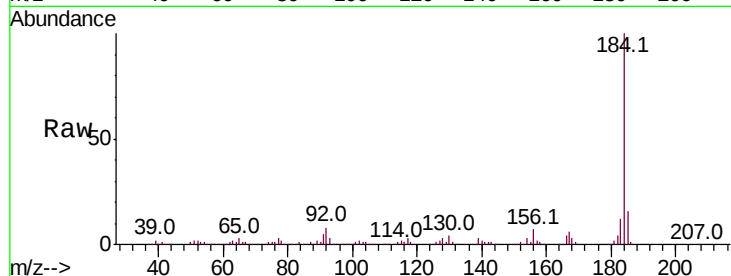
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 448415

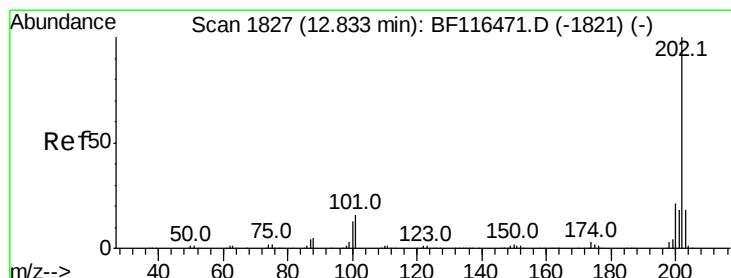
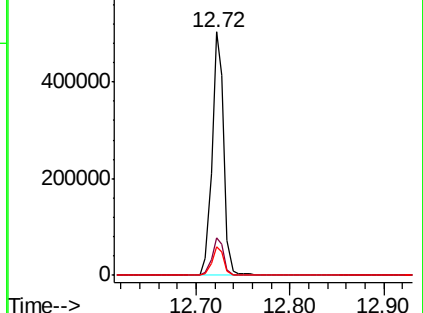
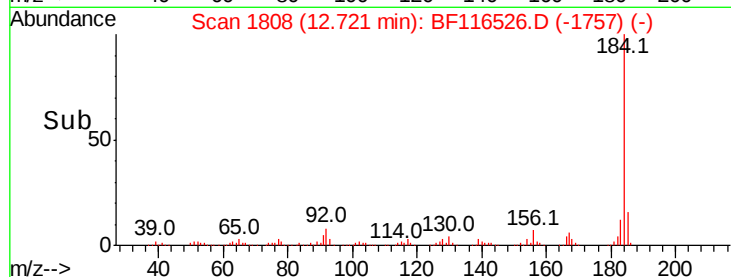
Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.0	19.4
183	12.0	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.615 ng

RT: 12.84 min Scan# 1828

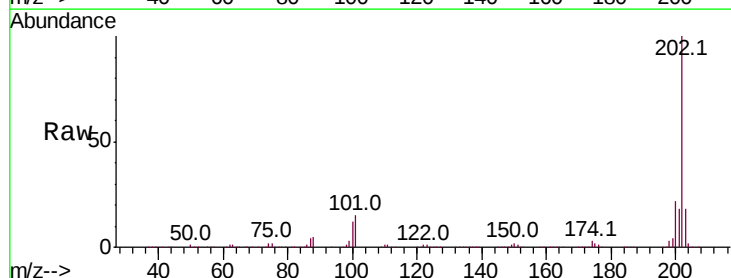
Delta R.T. 0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:202 Resp: 1114684

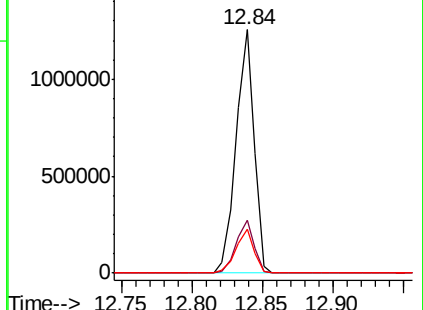
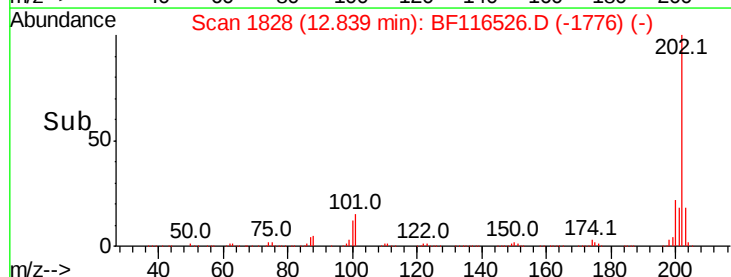
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.4
203	17.8	14.2	21.4

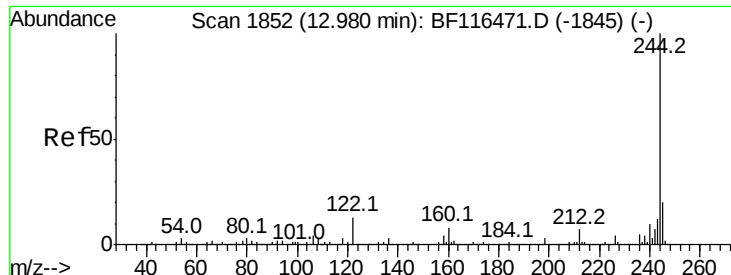


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.960 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

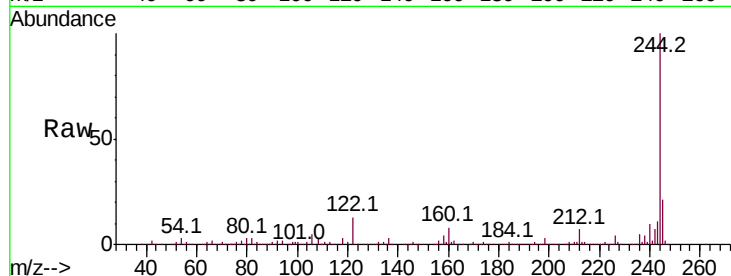
Tot Ion:244 Resp: 1543841

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

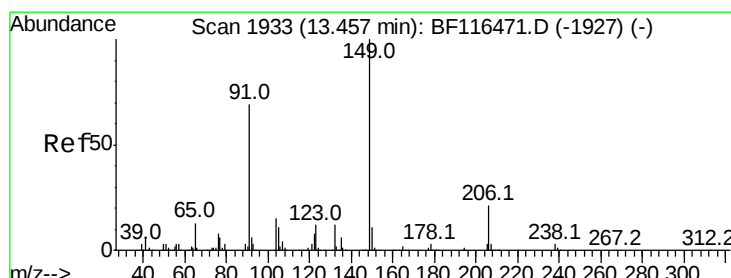
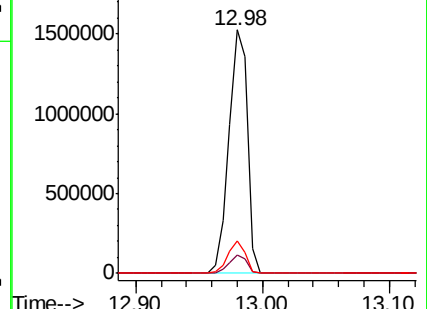
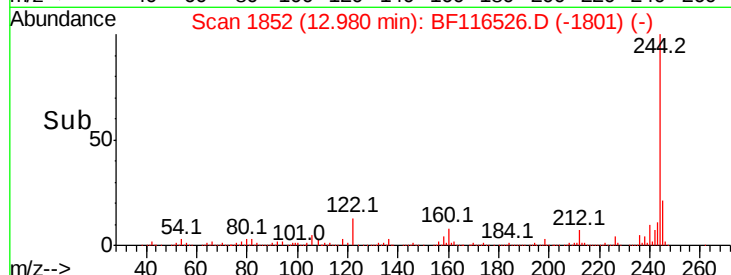
122 13.3 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.575 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

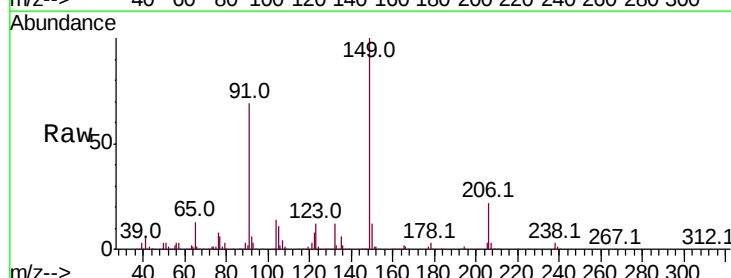
Tgt Ion:149 Resp: 529517

Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

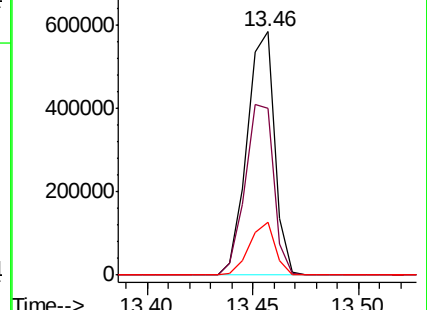
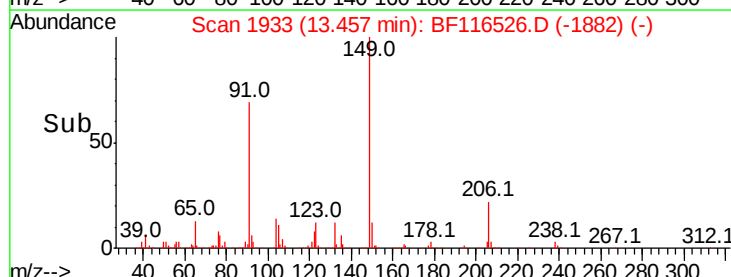
206 21.8 16.6 24.8

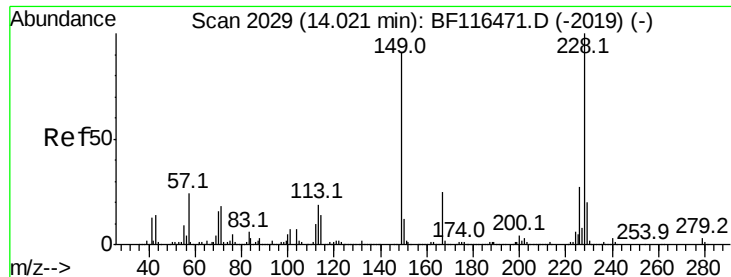


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.228 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampled :

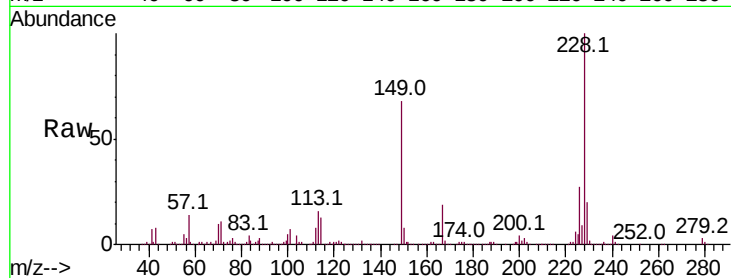
Tot Ion:228 Resp: 871145

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

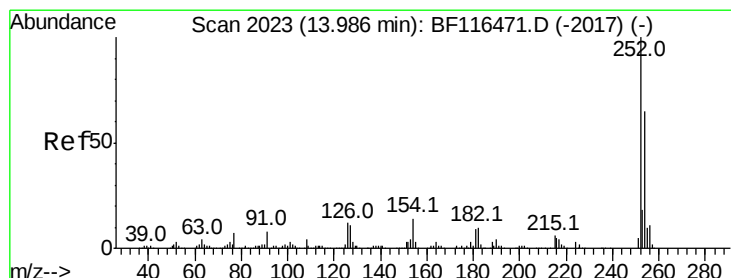
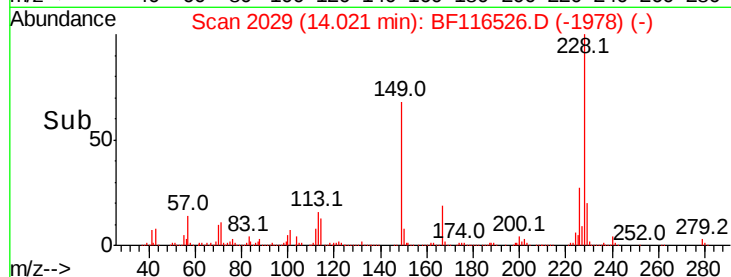
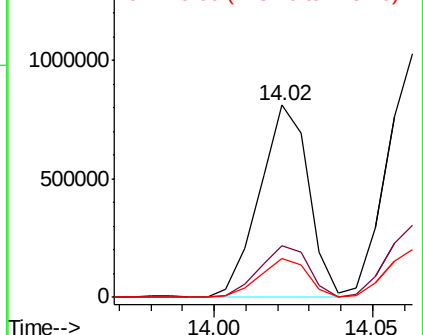
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.054 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

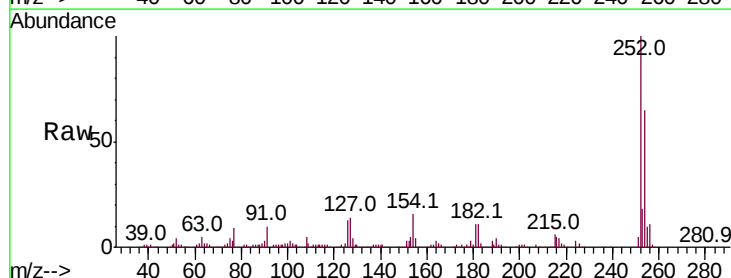
Tgt Ion:252 Resp: 292793

Ion Ratio Lower Upper

252 100

254 64.6 51.9 77.9

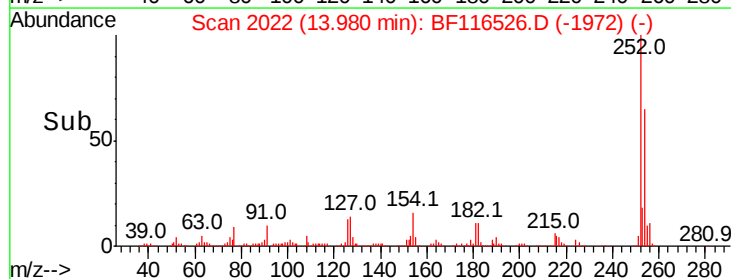
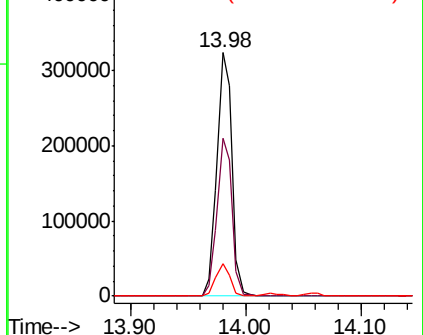
126 13.3 9.4 14.0

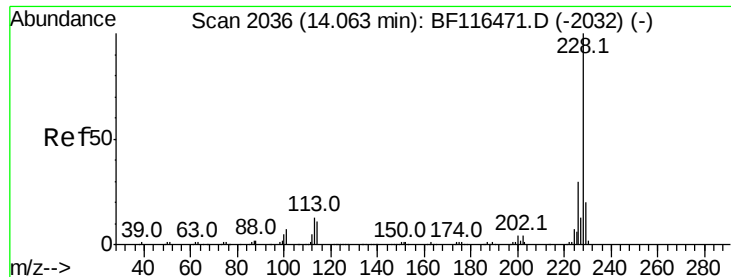


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.088 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

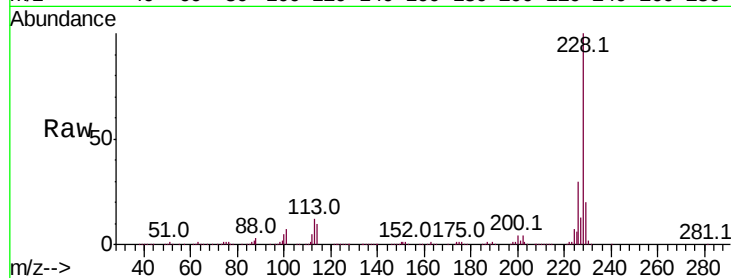
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 879716

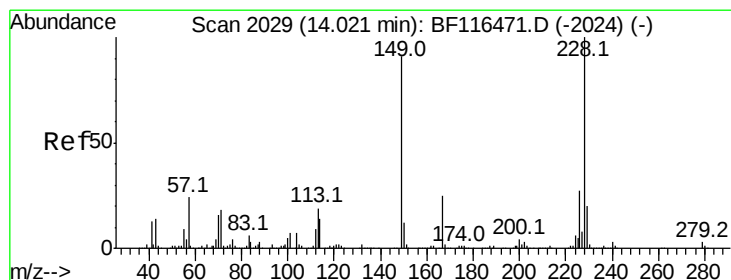
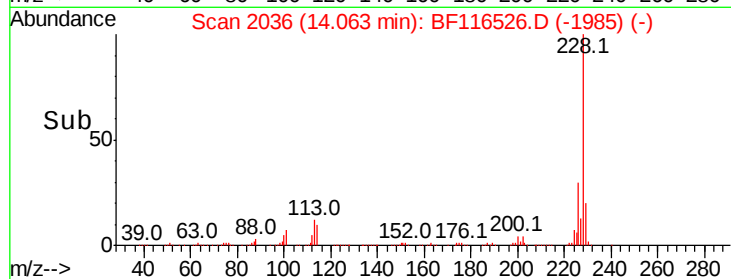
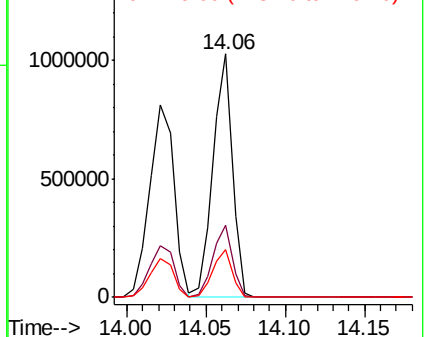
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.477 ng

RT: 14.02 min Scan# 2028

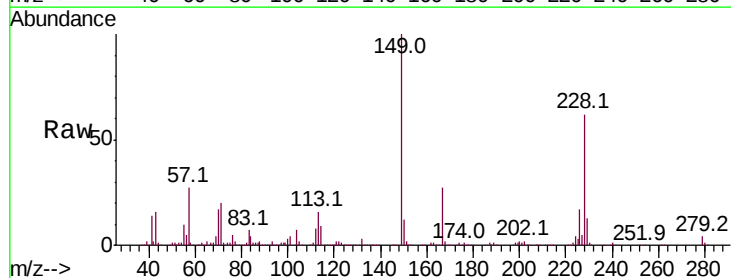
Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Tgt Ion:149 Resp: 704485

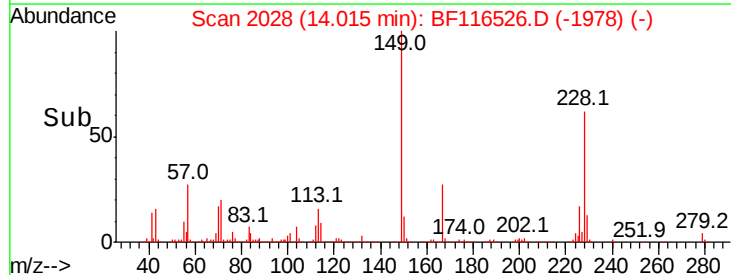
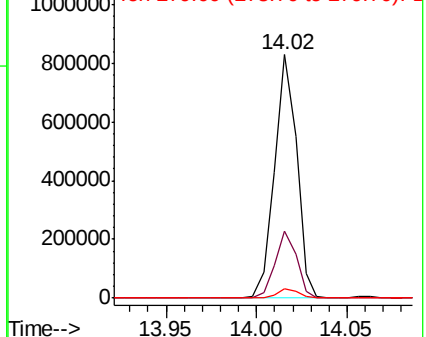
Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.6
279	3.8	3.0	4.4

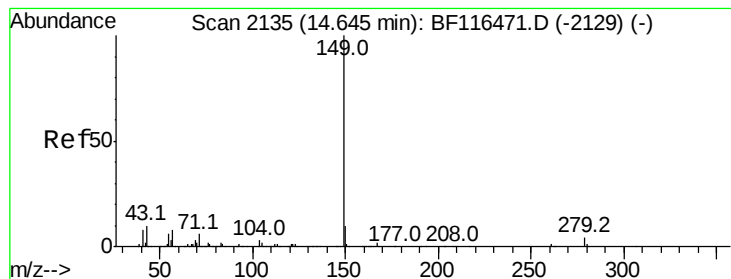


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.431 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

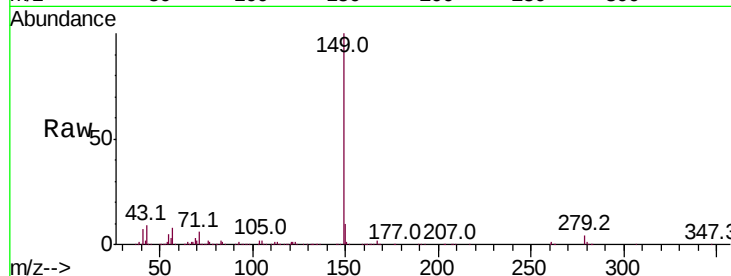
Tot Ion:149 Resp: 1167250

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

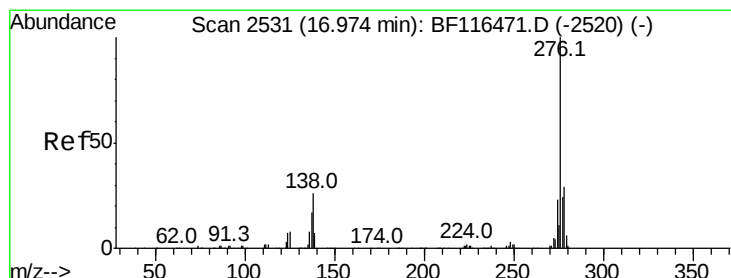
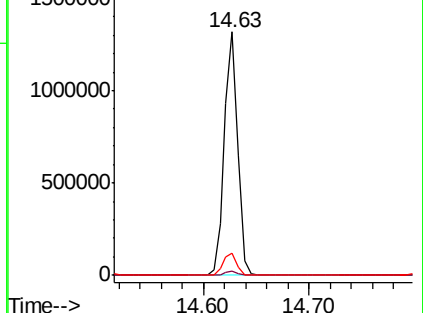
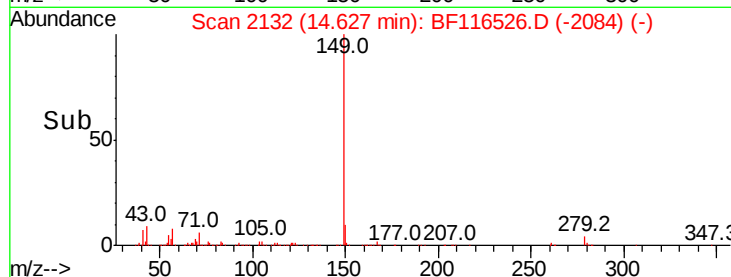
43 9.3 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.876 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

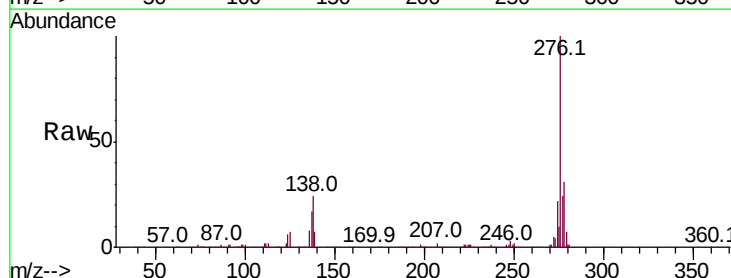
Tgt Ion:276 Resp: 650455

Ion Ratio Lower Upper

276 100

138 27.0 22.9 34.3

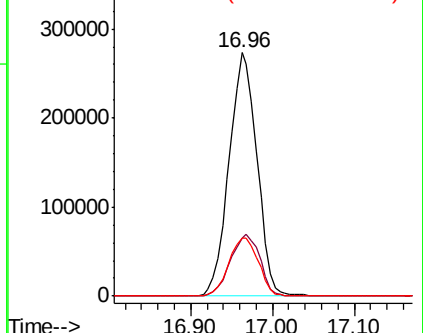
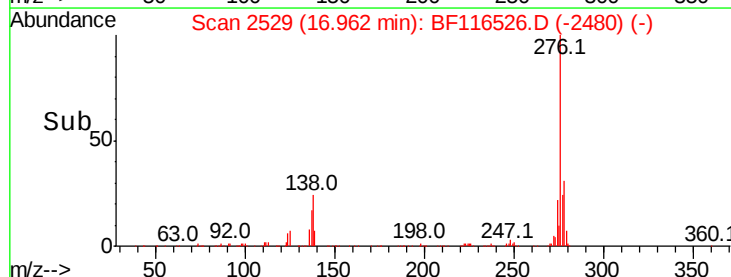
277 25.2 19.9 29.9

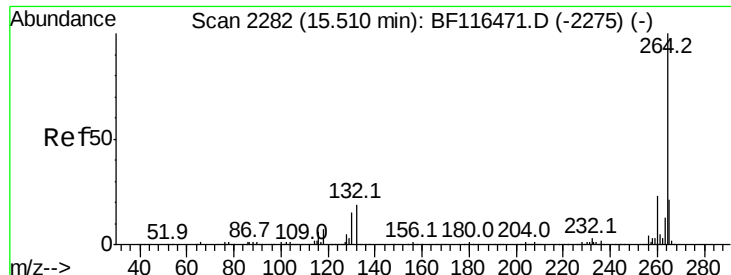


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

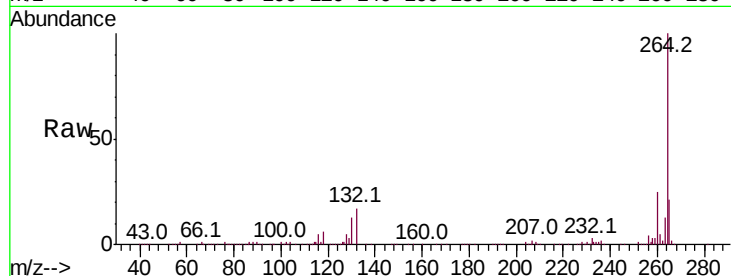




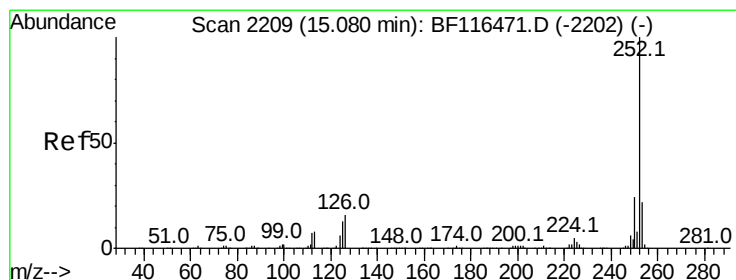
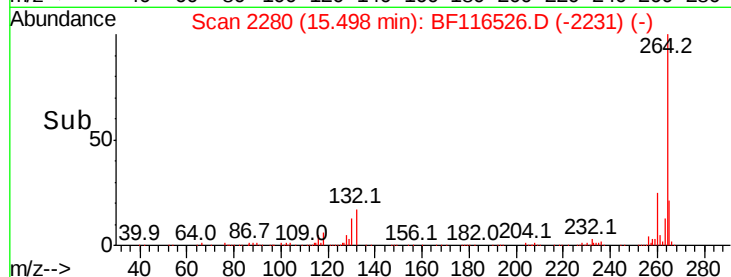
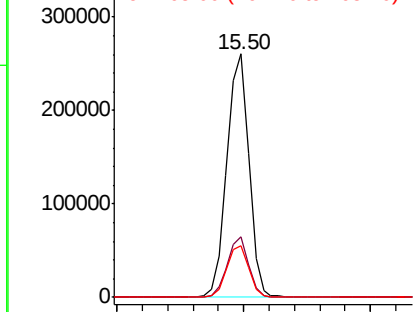
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 313111
Ion Ratio Lower Upper
264 100
260 25.0 18.8 28.2
265 21.1 17.1 25.7

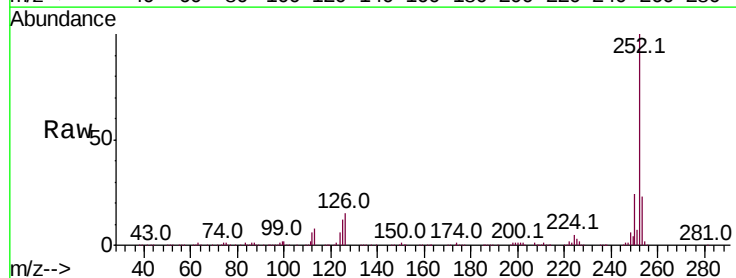


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

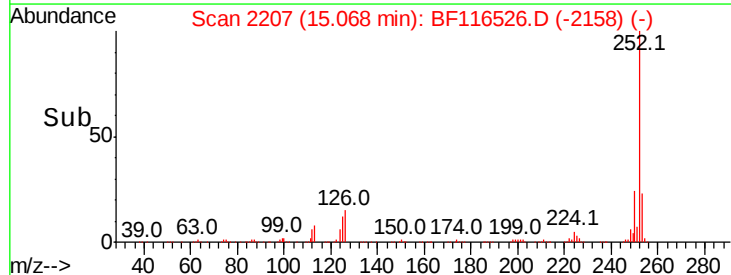
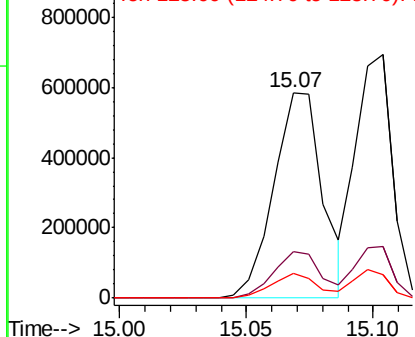


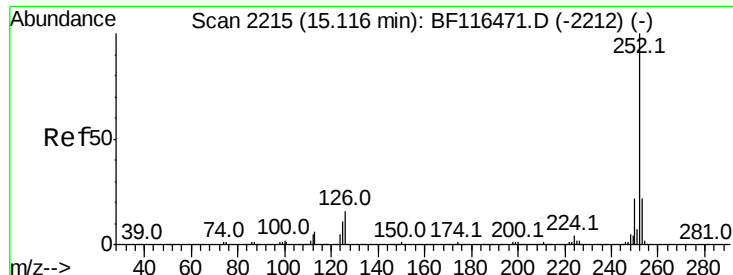
#88
Benzo(b)fluoranthene
Concen: 40.581 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion:252 Resp: 784938
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.7 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

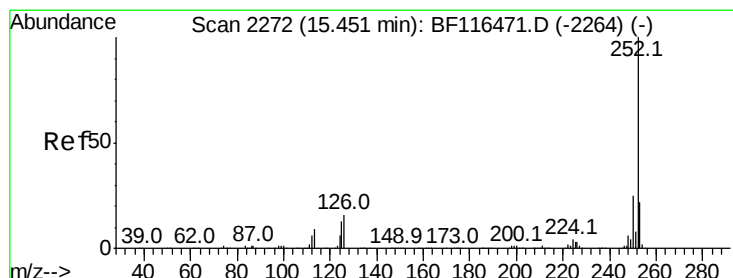
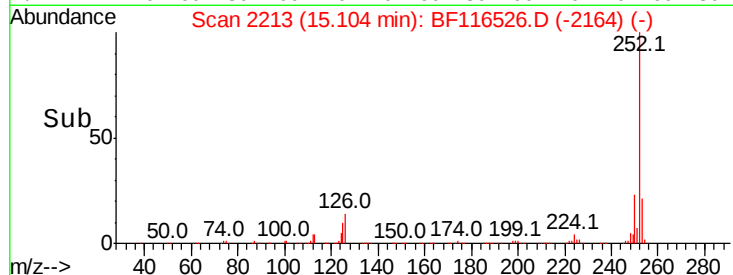
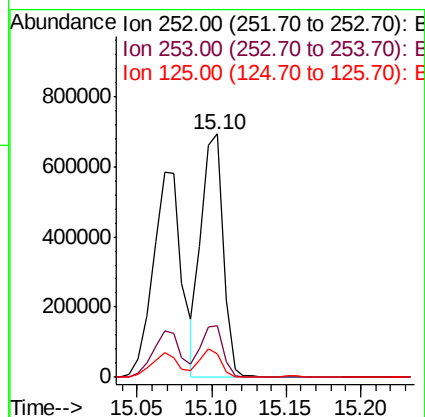
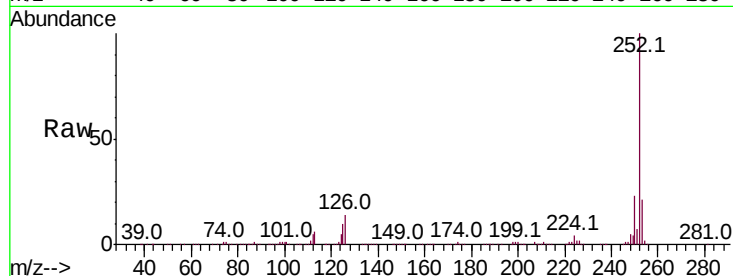




#89
Benzo(k)fluoranthene
Concen: 39.924 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

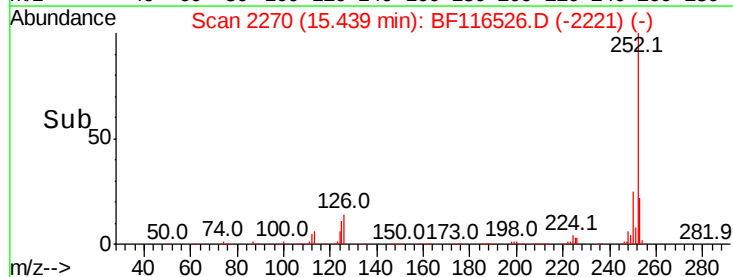
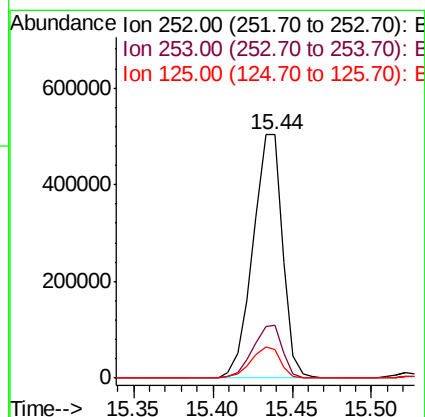
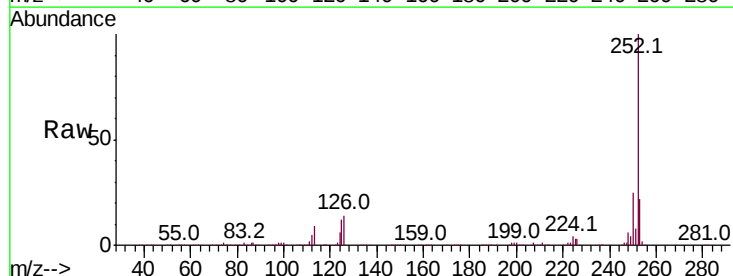
Instrument :
BNA_F
ClientSampleId :

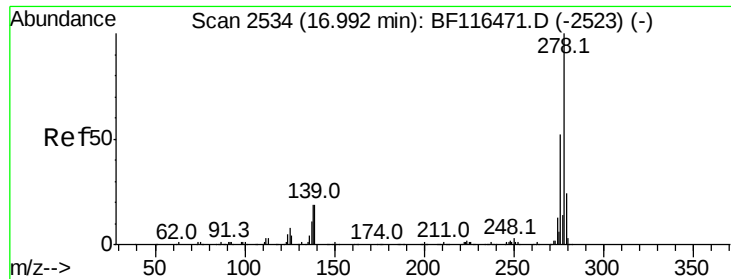
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.9	9.1	13.7



#90
Benzo(a)pyrene
Concen: 38.478 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116526.D
Acq: 25 Aug 2019 12:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.6	10.2	15.4





#91

Dibenzo(a,h)anthracene

Concen: 37.636 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

Instrument :

BNA_F

ClientSampleId :

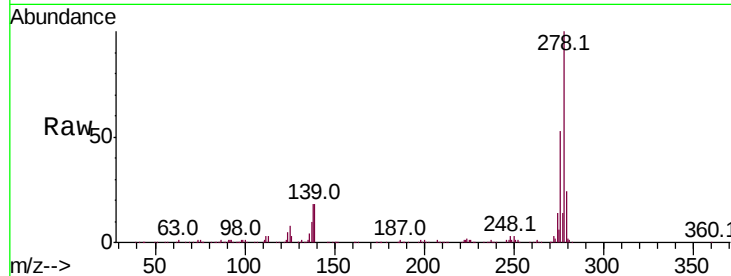
Tot Ion:278 Resp: 528683

Ion Ratio Lower Upper

278 100

139 17.9 15.3 22.9

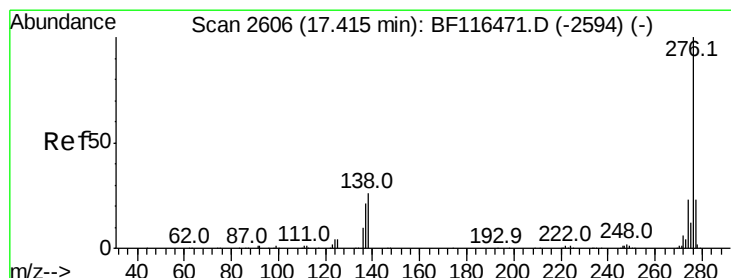
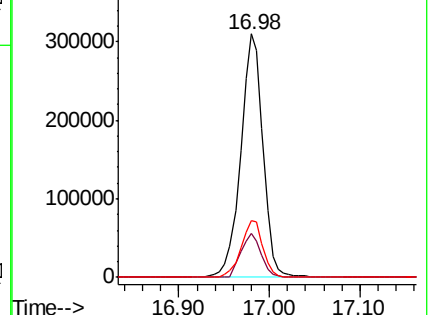
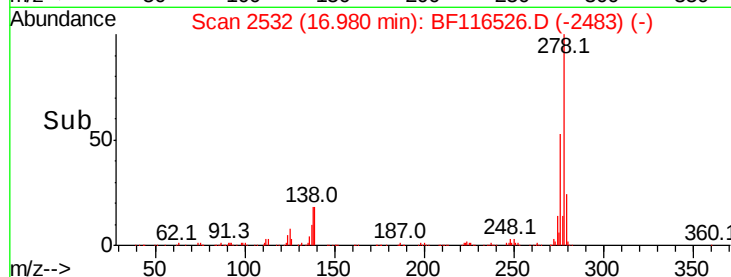
279 23.5 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.605 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF116526.D

Acq: 25 Aug 2019 12:38

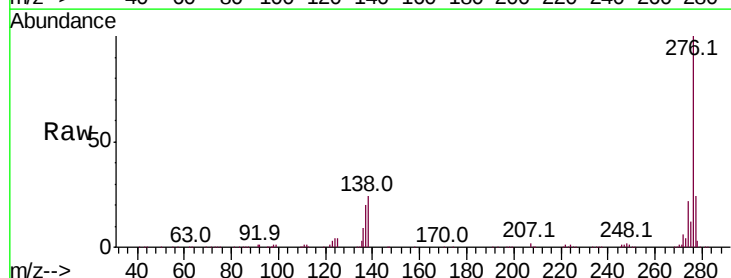
Tgt Ion:276 Resp: 516989

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 23.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

