

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114606.D
 Acq On : 25 May 2019 16:19
 Operator : JU/SJ
 Sample : PB119807BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:43:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132066	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	502713	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	238682	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	483153	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	348079	20.00	ng	-0.02
87) Perylene-d12	15.43	264	361570	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1052505	128.25	ng	0.00
7) Phenol-d6	6.45	99	1328449	136.87	ng	-0.01
23) Nitrobenzene-d5	7.37	82	798054	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	328403	133.09	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1469147	93.11	ng	-0.02
79) Terphenyl-d14	12.90	244	1567373	92.82	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	199554	44.239	ng	99
3) Pyridine	3.35	79	373551	30.057	ng	94
4) n-Nitrosodimethylamine	3.29	42	200414	33.440	ng	99
6) Aniline	6.47	93	394851	28.162	ng	# 58
8) 2-Chlorophenol	6.59	128	388426	44.336	ng	95
9) Benzaldehyde	6.35	77	185892	27.357	ng	96
10) Phenol	6.46	94	468313	41.015	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	370271	42.715	ng	99
12) 1,3-Dichlorobenzene	6.74	146	401992	40.876	ng	98
13) 1,4-Dichlorobenzene	6.82	146	409967	41.370	ng	99
14) 1,2-Dichlorobenzene	6.97	146	382127	42.207	ng	99
15) Benzyl Alcohol	6.95	79	306383	40.472	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	658193	39.160	ng	56
17) 2-Methylphenol	7.07	107	298607	41.492	ng	# 91
18) Hexachloroethane	7.31	117	149738	40.255	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	261123	42.443	ng	99
20) 3+4-Methylphenols	7.22	107	395705	47.589	ng	# 67
22) Acetophenone	7.21	105	518719	46.577	ng	# 88
24) Nitrobenzene	7.39	77	399917	43.833	ng	95
25) Isophorone	7.62	82	729412	43.906	ng	99
26) 2-Nitrophenol	7.70	139	201107	45.433	ng	97
27) 2,4-Dimethylphenol	7.75	122	335913	48.318	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	464077	43.053	ng	98
29) 2,4-Dichlorophenol	7.96	162	315896	45.632	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	342672	43.531	ng	99
31) Naphthalene	8.10	128	1087477	46.310	ng	98
32) Benzoic acid	7.90	122	185732	39.009	ng	96
33) 4-Chloroaniline	8.16	127	274101	25.615	ng	97
34) Hexachlorobutadiene	8.22	225	191068	42.658	ng	98
35) Caprolactam	8.53	113	49890	22.102	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	329434	47.277	ng	97
37) 2-Methylnaphthalene	8.80	142	736630	48.620	ng	97
38) 1-Methylnaphthalene	8.90	142	695591	48.753	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	335676	46.427	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	150964	46.719	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	201294	40.476	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	208224	40.827	nq	97
46) 1,1'-Biphenyl	9.26	154	898151	46.579	nq	98
47) 2-Chloronaphthalene	9.29	162	673315	43.389	nq	99
48) 2-Nitroaniline	9.39	65	224596	40.810	nq	97
49) Acenaphthylene	9.70	152	1075418	45.564	nq	98
50) Dimethylphthalate	9.56	163	779196	44.471	nq	99
51) 2,6-Dinitrotoluene	9.63	165	173458	44.634	nq	99
52) Acenaphthene	9.87	154	632801	43.692	nq	100
53) 3-Nitroaniline	9.80	138	132387	27.442	nq	93
54) 2,4-Dinitrophenol	9.92	184	140382	72.526	nq	96
55) Dibenzofuran	10.05	168	922717	43.447	nq	99
56) 4-Nitrophenol	9.99	139	171698	50.327	nq	97
57) 2,4-Dinitrotoluene	10.04	165	213184	40.416	nq	# 76
58) Fluorene	10.39	166	759226	46.282	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	176405	40.086	nq	97
60) Diethylphthalate	10.26	149	790283	44.391	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	365127	45.318	nq	99
62) 4-Nitroaniline	10.42	138	185419	36.577	nq	97
63) Azobenzene	10.54	77	751610	43.616	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	101245	43.610	nq	80
66) n-Nitrosodiphenylamine	10.50	169	670355	45.715	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	229335	43.110	nq	98
68) Hexachlorobenzene	10.95	284	243801	41.427	nq	92
69) Atrazine	11.02	200	196123	42.978	nq	98
70) Pentachlorophenol	11.15	266	160202	57.425	nq	98
71) Phenanthrene	11.35	178	1072255	45.616	nq	98
72) Anthracene	11.40	178	1114144	47.190	nq	98
73) Carbazole	11.56	167	1032649	45.867	nq	98
74) Di-n-butylphthalate	11.88	149	1251177	48.237	nq	99
75) Fluoranthene	12.54	202	1163482	45.964	nq	99
77) Benzidine	12.66	184	584397	37.402	nq	98
78) Pyrene	12.77	202	1172430	41.871	nq	99
80) Butylbenzylphthalate	13.37	149	550206	46.683	nq	99
81) Benzo(a)anthracene	13.96	228	990366	43.990	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	284919	32.623	nq	98
83) Chrysene	14.00	228	984863	44.625	nq	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	770329	49.974	nq	100
85) Di-n-octyl phthalate	14.54	149	1297730	51.934	nq	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	946187	48.511	nq	99
88) Benzo(b)fluoranthene	15.00	252	968280	41.801	nq	99
89) Benzo(k)fluoranthene	15.03	252	1000511	47.019	nq	99
90) Benzo(a)pyrene	15.37	252	950323	46.615	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	790224	46.648	nq	99
92) Benzo(g,h,i)perylene	17.33	276	798314	47.024	nq	99

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

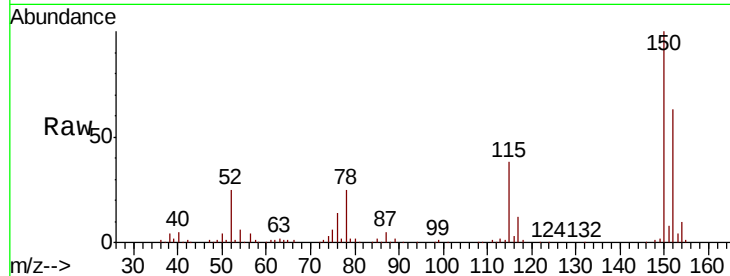


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.3	186.5
115	60.5	49.1	73.7

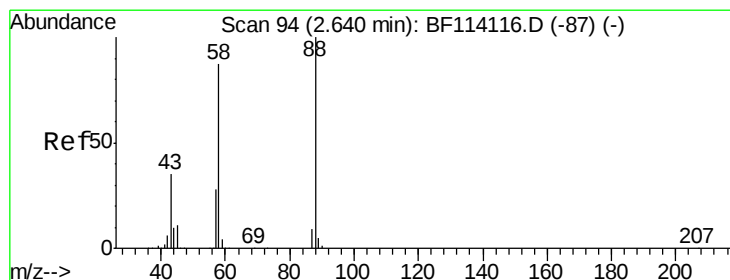
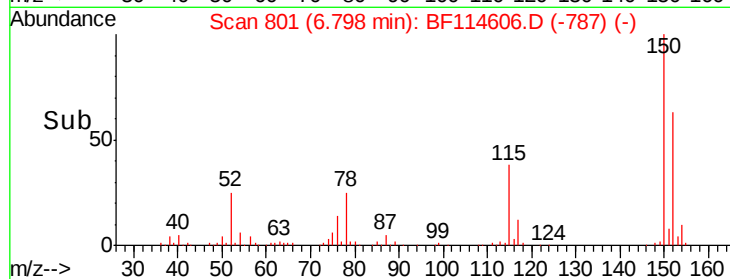
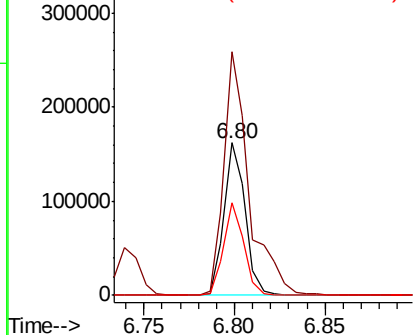


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

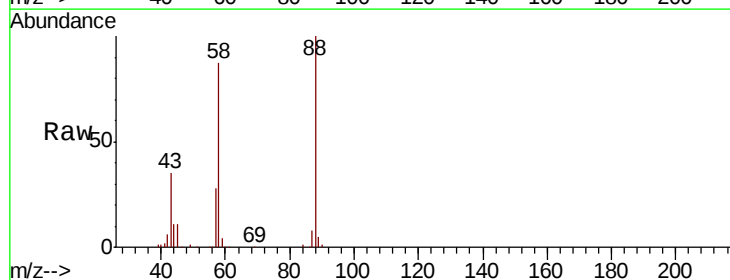
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 44.239 ng
 RT: 2.59 min Scan# 85
 Delta R.T. 0.03 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.7	103.1
43	33.9	28.2	42.2

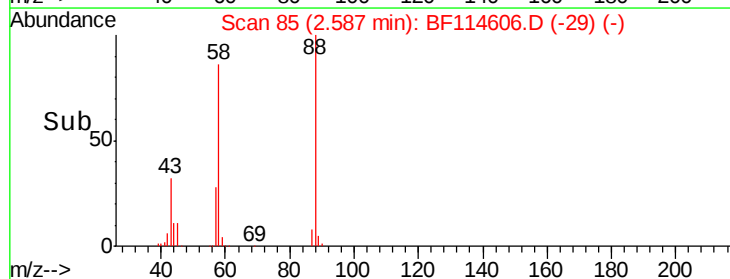
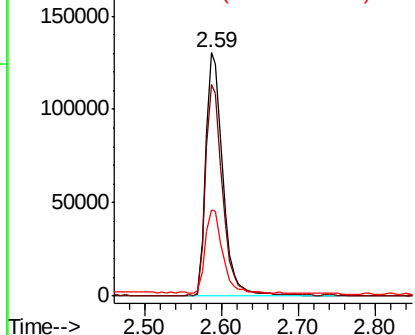


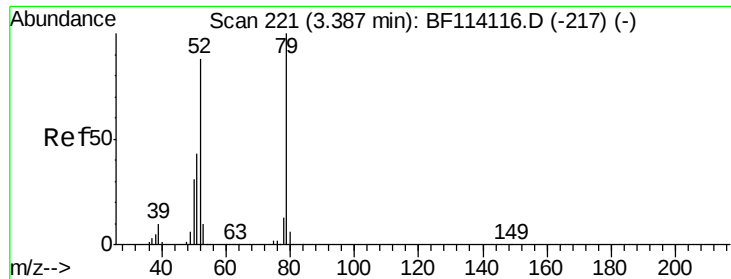
Abundance

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: 30.057 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

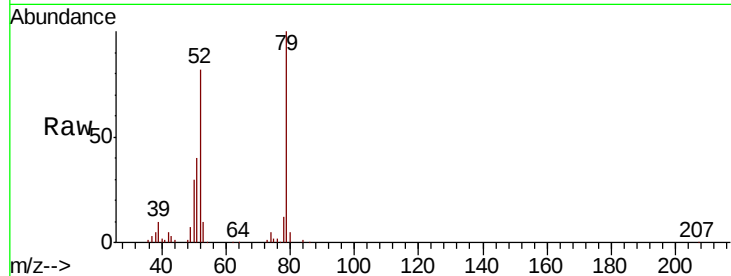
Tot Ion: 79 Resp: 373551

Ion Ratio Lower Upper

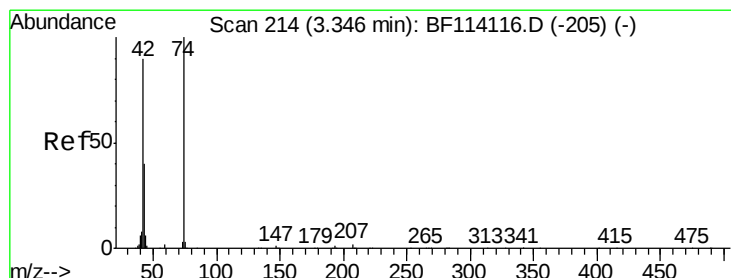
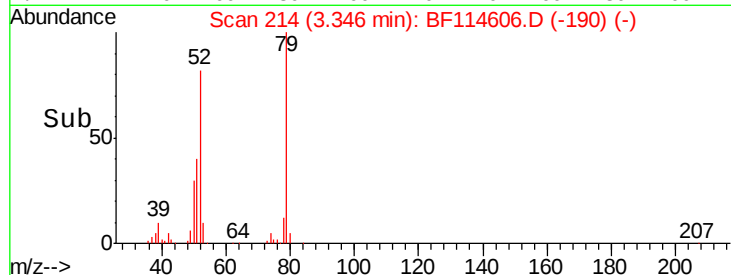
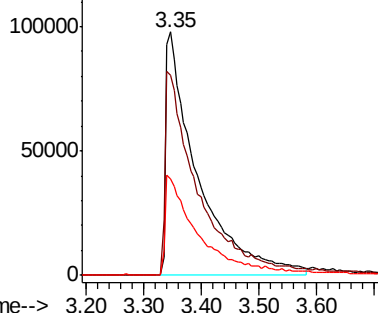
79 100

52 82.1 70.6 105.8

51 39.6 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.440 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

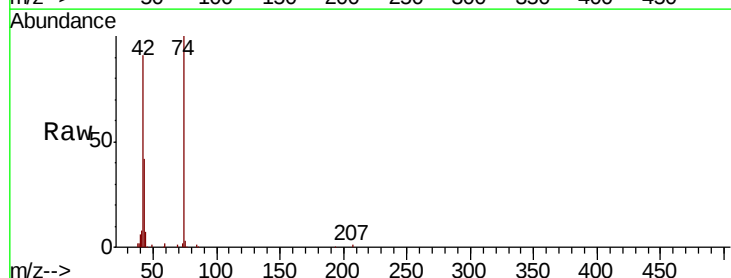
Tgt Ion: 42 Resp: 200414

Ion Ratio Lower Upper

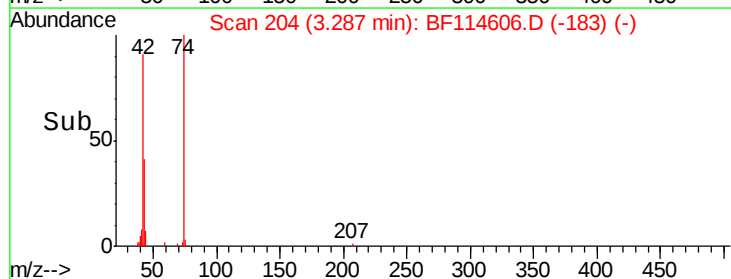
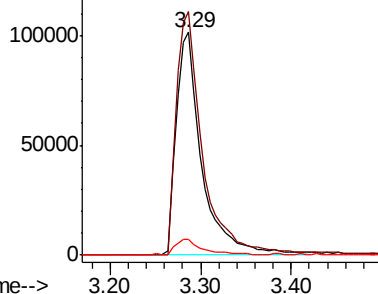
42 100

74 109.3 88.6 132.8

44 7.3 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.251 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

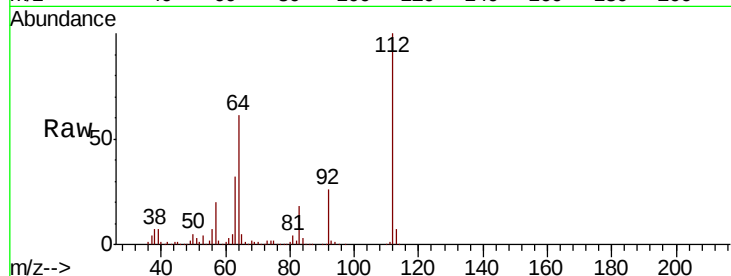
Tot Ion:112 Resp: 1052505

Ion Ratio Lower Upper

112 100

64 61.4 49.0 73.6

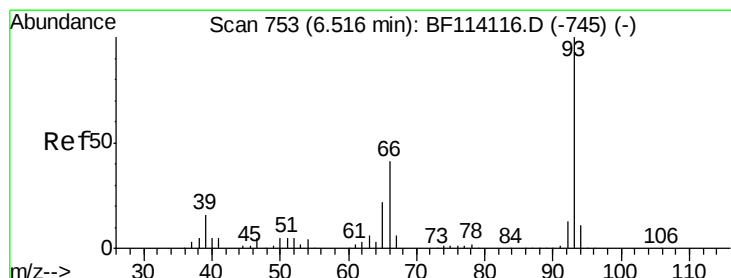
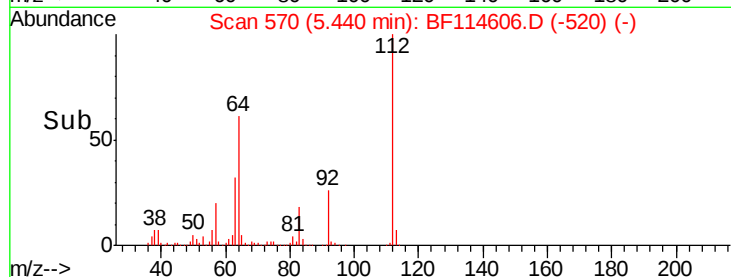
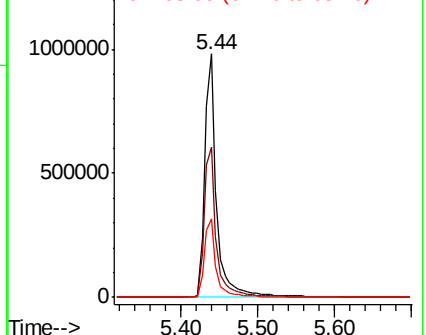
63 32.3 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.162 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

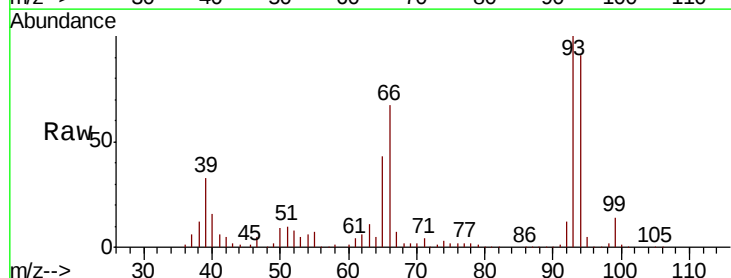
Tgt Ion: 93 Resp: 394851

Ion Ratio Lower Upper

93 100

66 67.1 33.2 49.8#

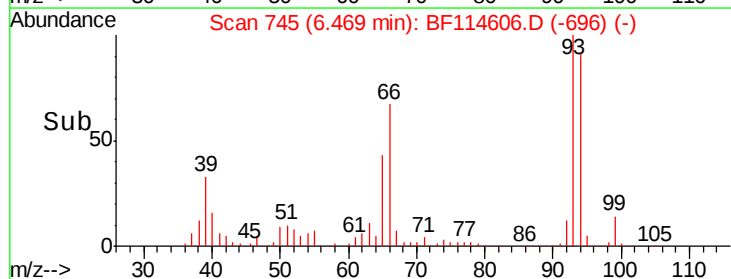
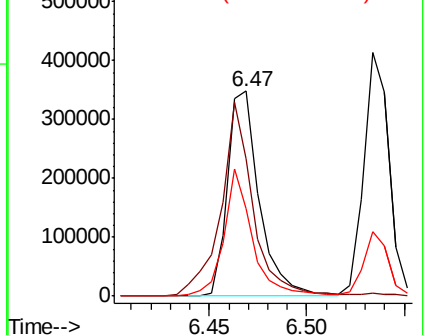
65 42.5 17.6 26.4#



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: 136.866 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

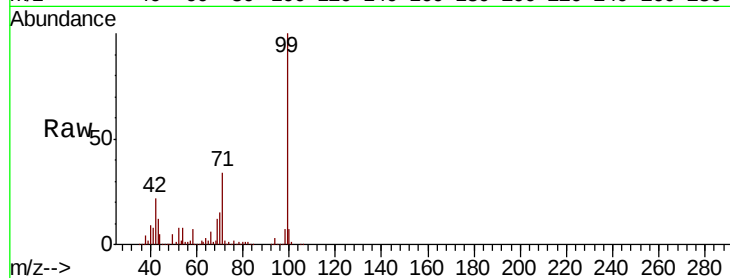
Tot Ion: 99 Resp: 1328449

Ion Ratio Lower Upper

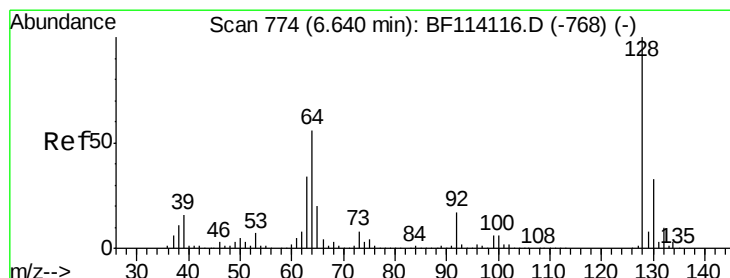
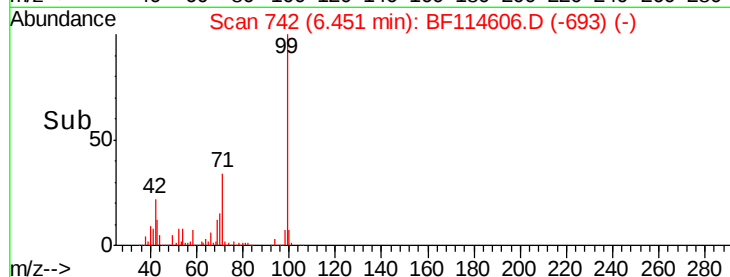
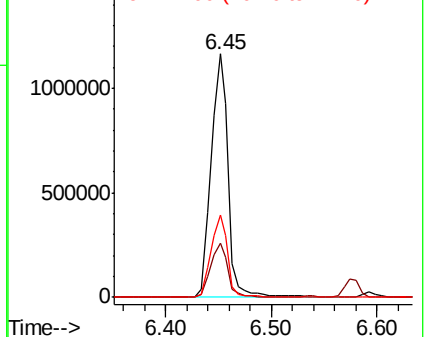
99 100

42 22.4 17.9 26.9

71 33.9 26.2 39.2



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: 44.336 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

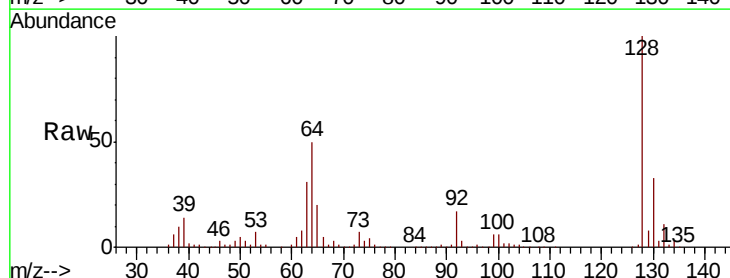
Tgt Ion: 128 Resp: 388426

Ion Ratio Lower Upper

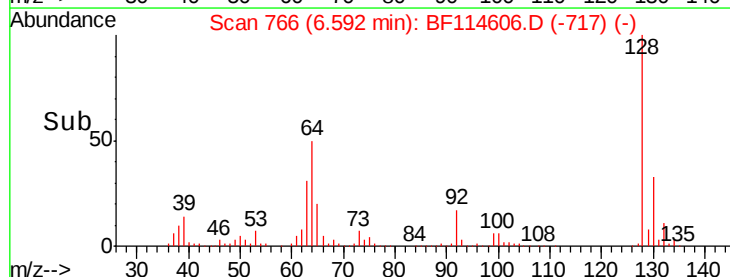
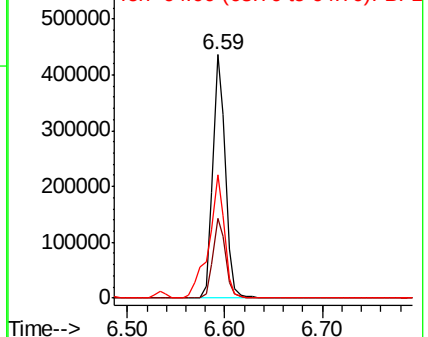
128 100

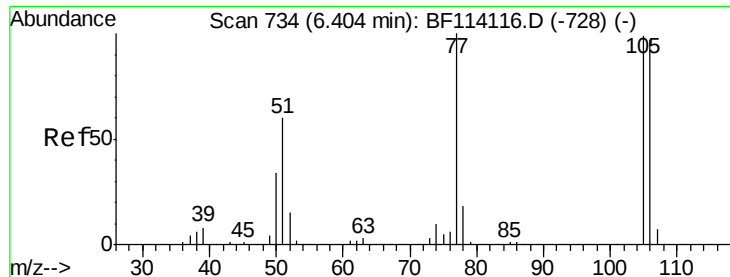
130 33.0 12.6 52.6

64 50.5 35.9 75.9



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: 27.357 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

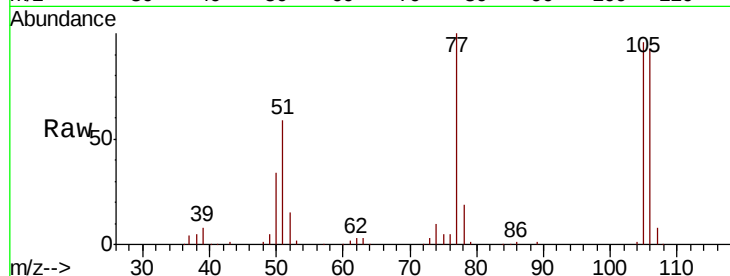
Tot Ion: 77 Resp: 185892

Ion Ratio Lower Upper

77 100

105 96.3 79.3 119.3

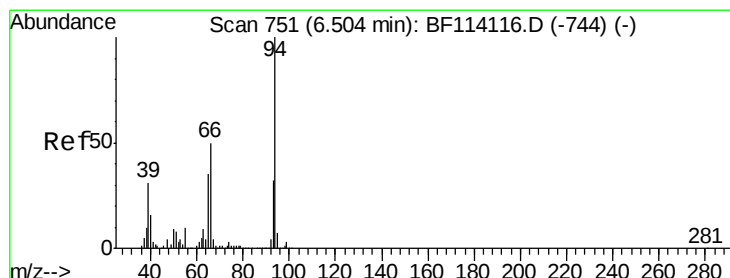
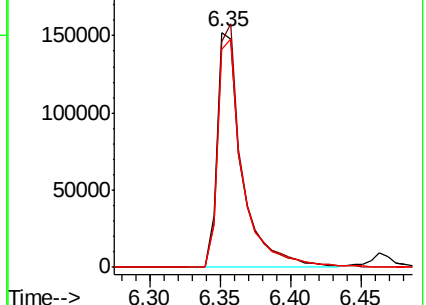
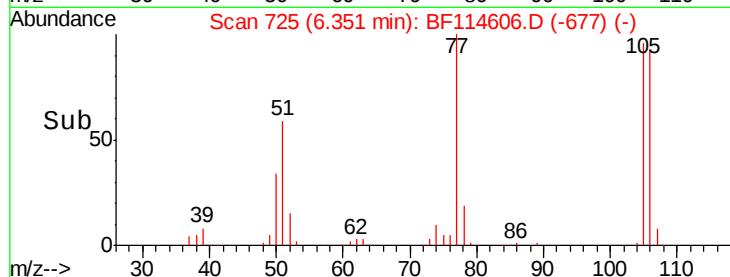
106 92.8 77.0 117.0



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: 41.015 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

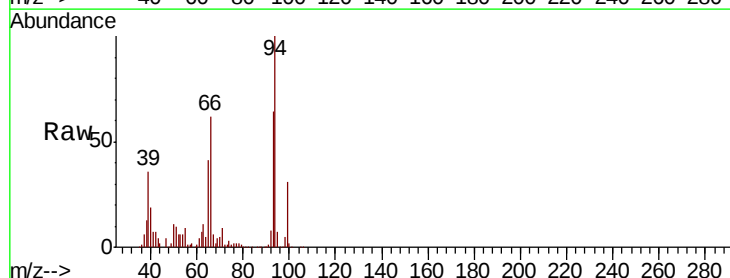
Tgt Ion: 94 Resp: 468313

Ion Ratio Lower Upper

94 100

65 41.2 14.7 54.7

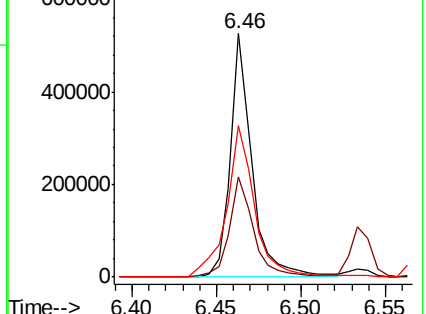
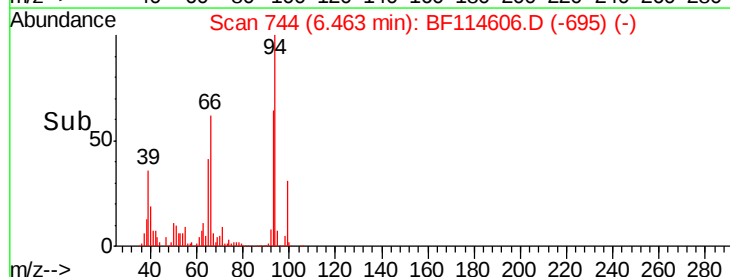
66 62.5 29.6 69.6



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: 42.715 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

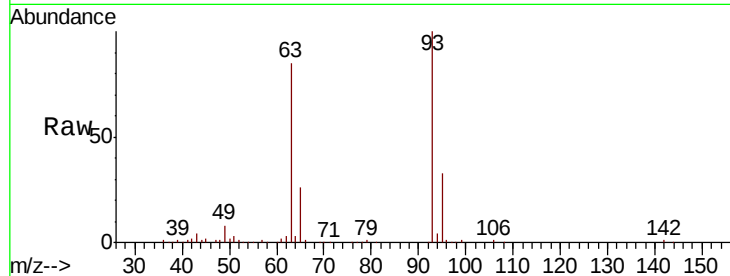
Tot Ion: 93 Resp: 370271

Ion Ratio Lower Upper

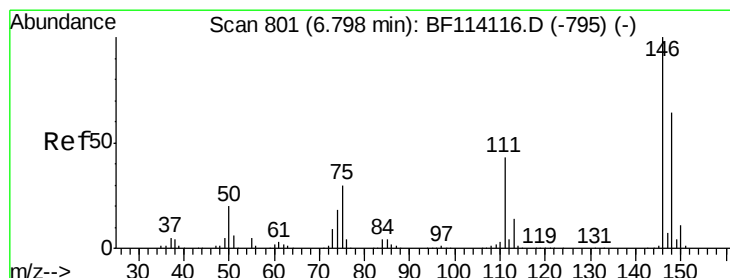
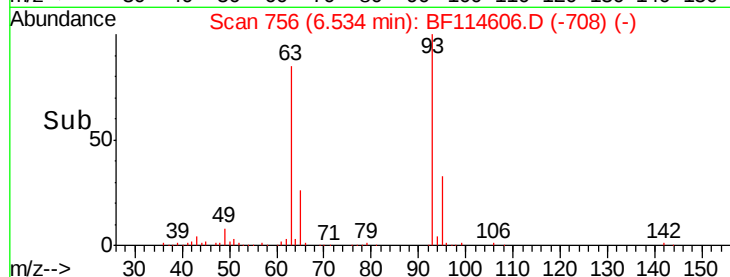
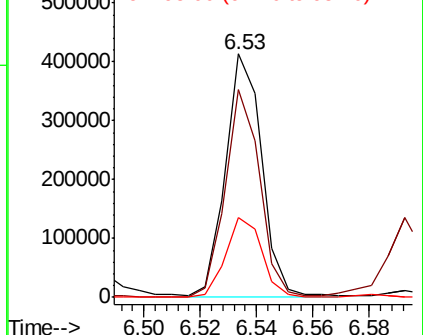
93 100

63 85.2 63.6 103.6

95 32.8 13.1 53.1



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: 40.876 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

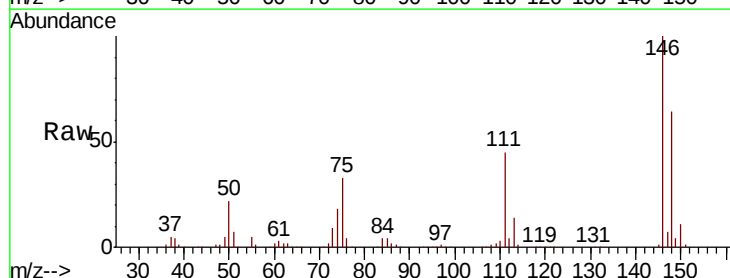
Tgt Ion: 146 Resp: 401992

Ion Ratio Lower Upper

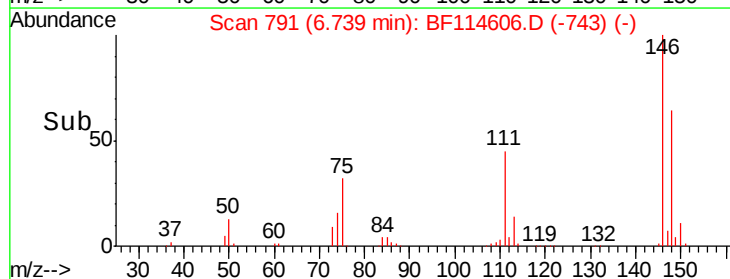
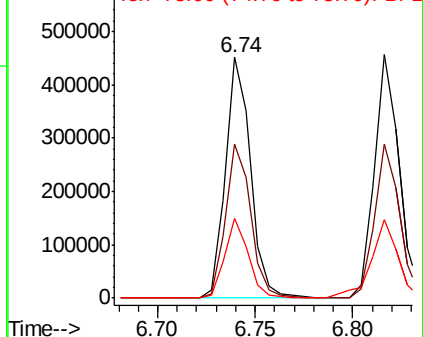
146 100

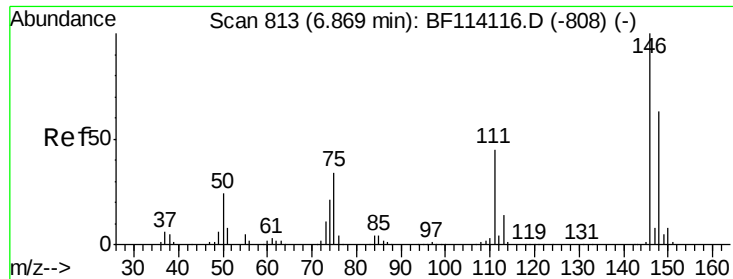
148 63.8 51.6 77.4

75 33.1 24.2 36.2



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

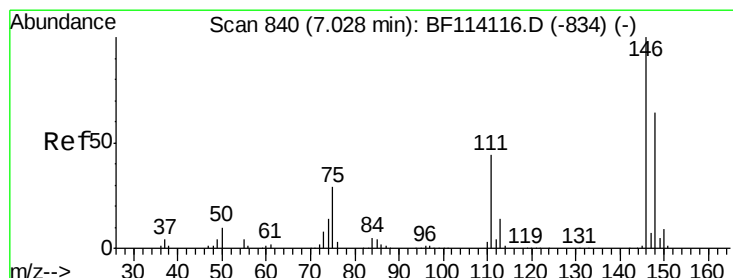
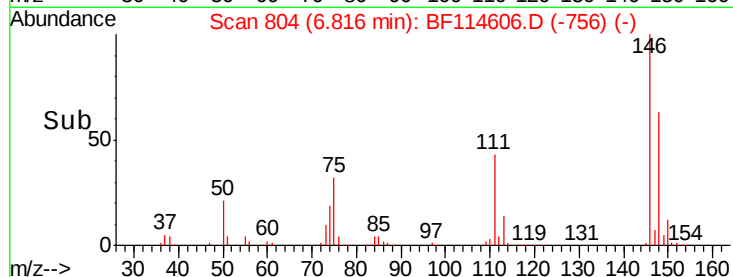
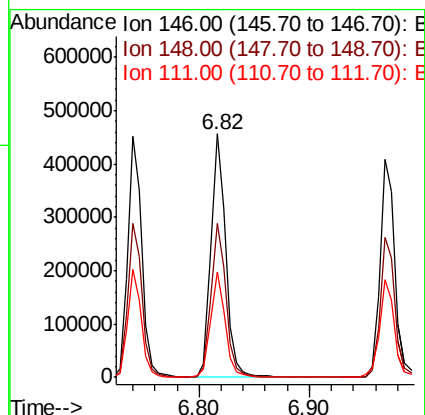
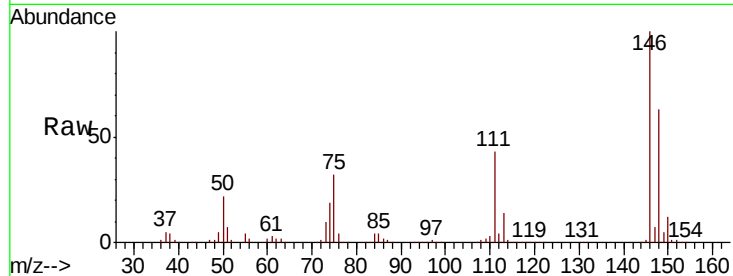




#13
 1,4-Dichlorobenzene
 Concen: 41.370 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

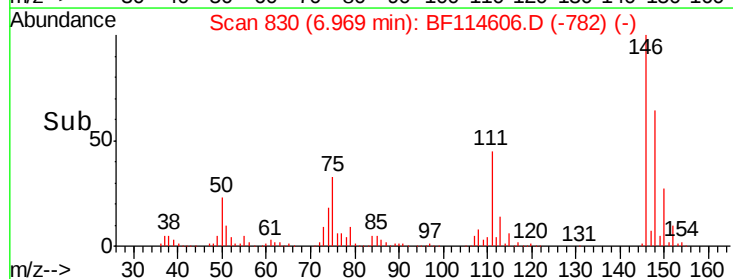
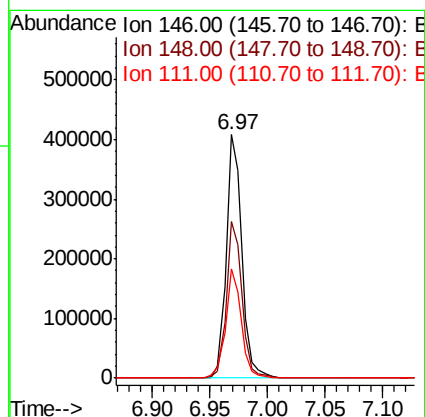
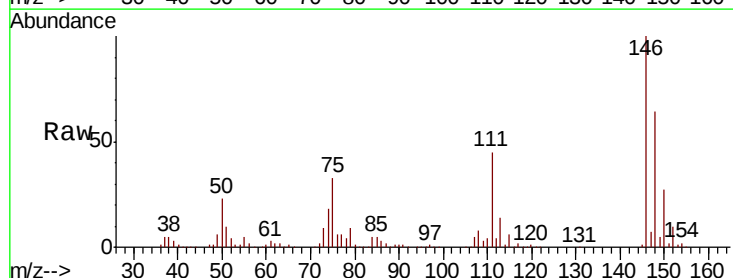
Instrument :
 BNA_F
 ClientSampled :

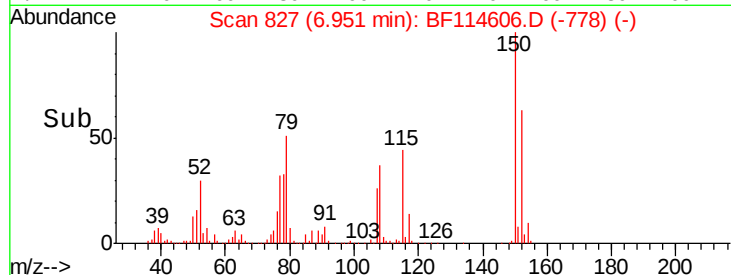
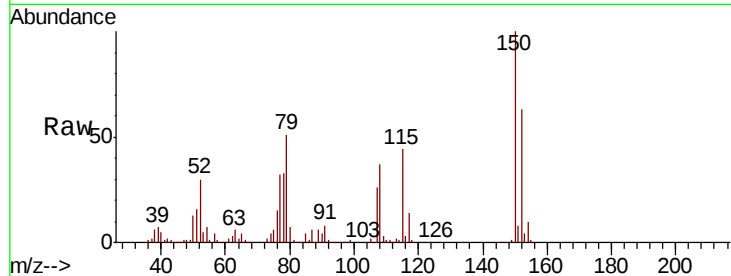
Tot Ion:146 Resp: 409967
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.2
 111 43.1 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.207 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion:146 Resp: 382127
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 45.1 35.3 52.9

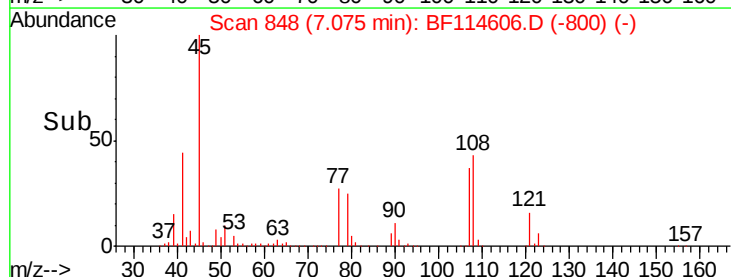
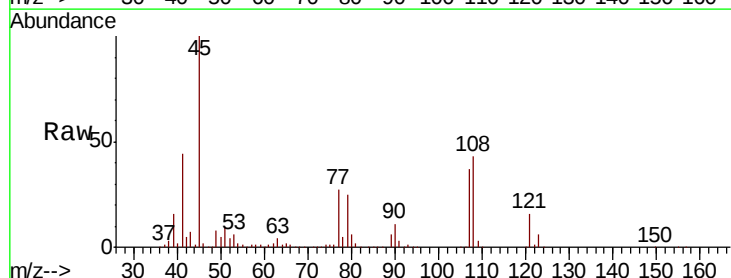
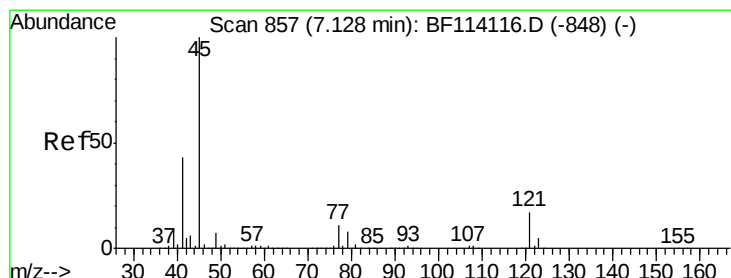
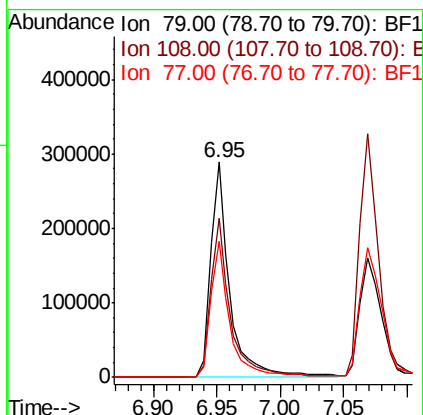




#15
Benzyl Alcohol
Concen: 40.472 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

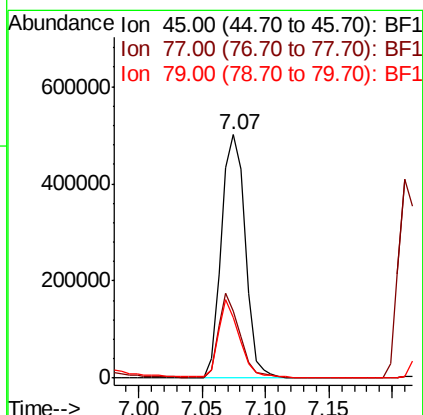
Instrument :
BNA_F
ClientSampled :

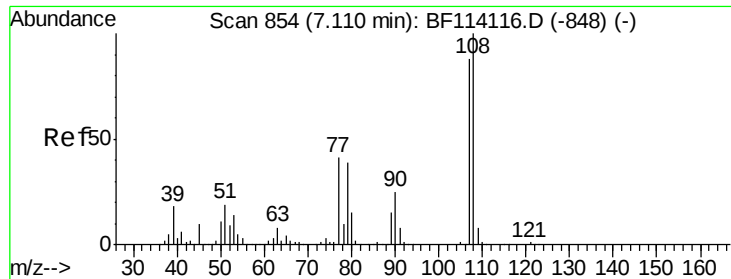
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.1	62.1	93.1
77	63.2	51.0	76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.160 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.3	0.0	31.1
79	24.9	0.0	28.4

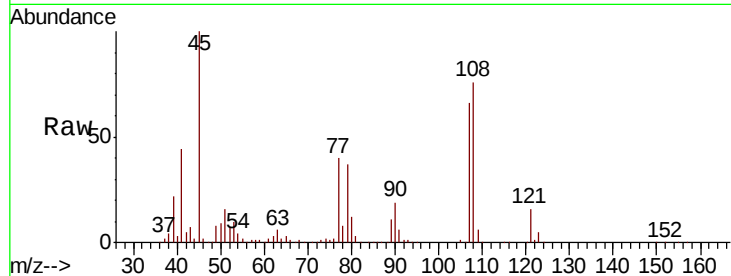




#17
2-Methylphenol
Concen: 41.492 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.5	135.7
77	60.7	37.0	55.4
79	55.9	35.8	53.8



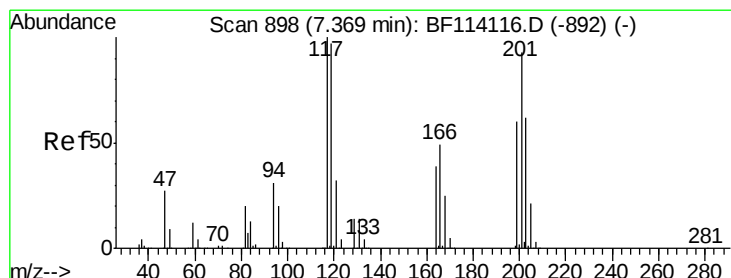
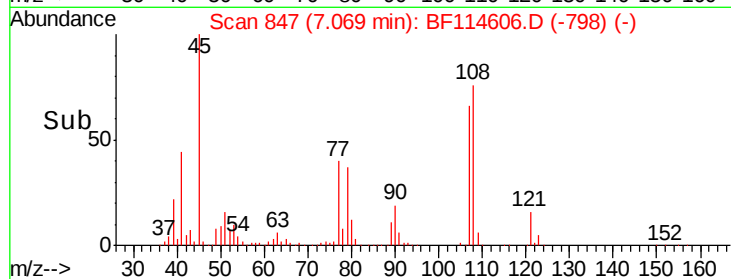
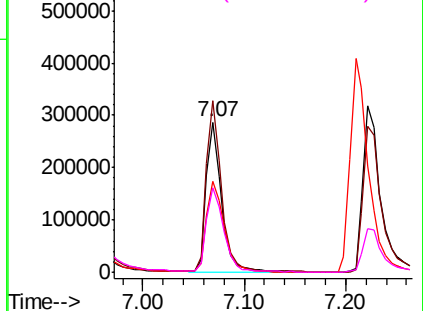
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

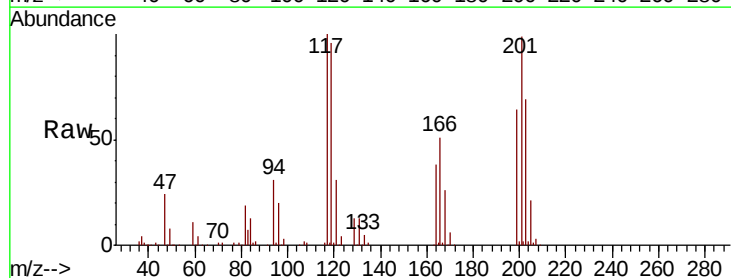
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.255 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.2
201	99.1	74.5	111.7

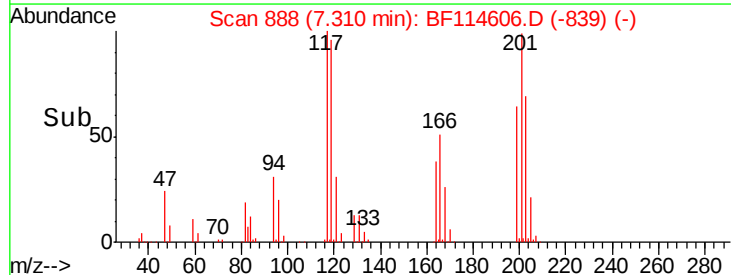
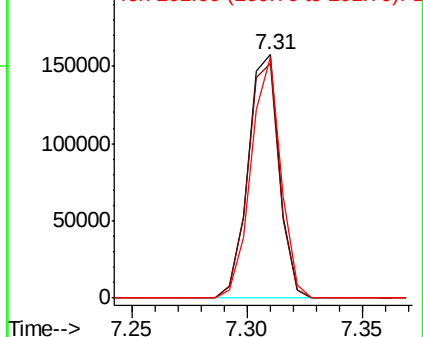


Abundance

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

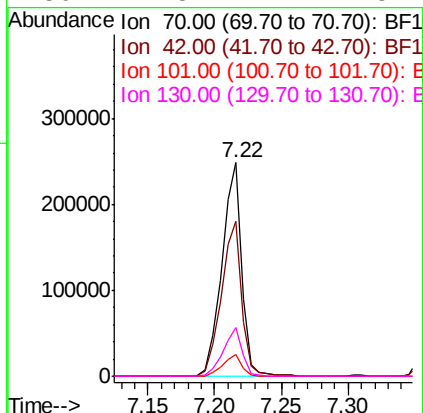
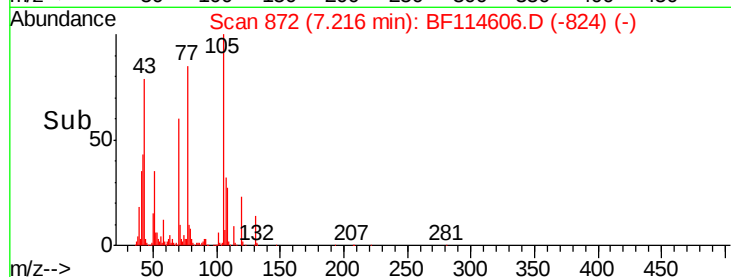
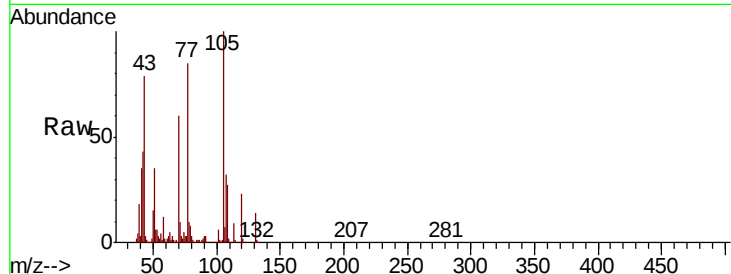




#19
n-Nitroso-di-n-propylamine
Concen: 42.443 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

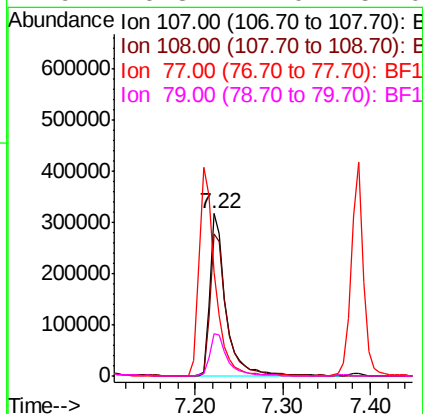
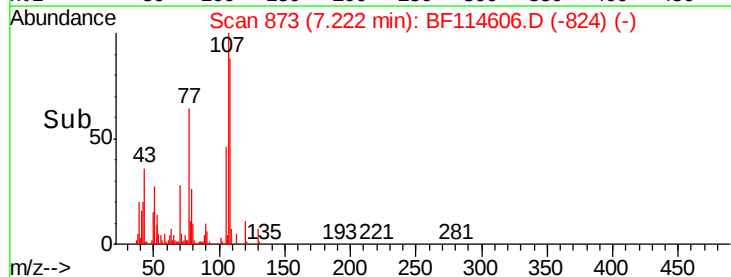
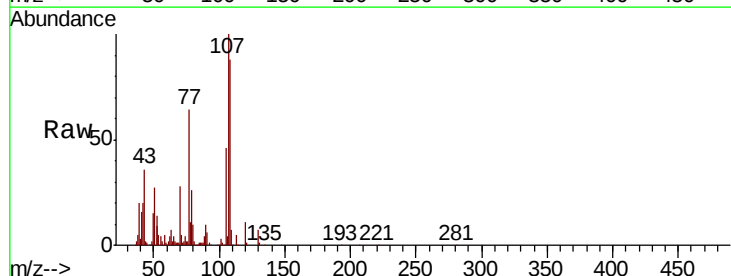
Instrument :
BNA_F
ClientSampleId :

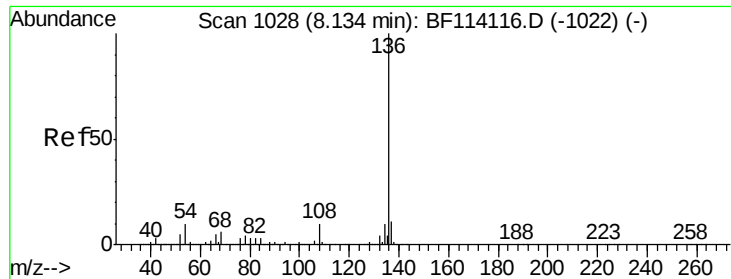
Tot Ion:	70	Resp:	261123
Ion	Ratio	Lower	Upper
70	100		
42	72.7	58.6	87.8
101	10.0	7.8	11.8
130	22.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.589 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:	107	Resp:	395705
Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.8	113.8
77	63.7	111.5	151.5#
79	26.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 502713

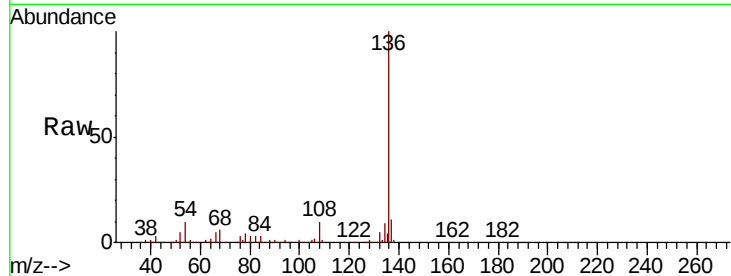
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.2 7.8 11.8

68 5.9 5.1 7.7

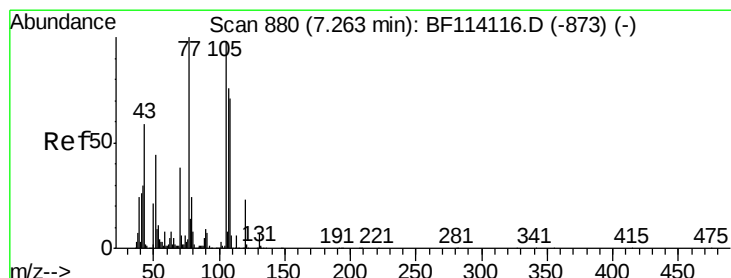
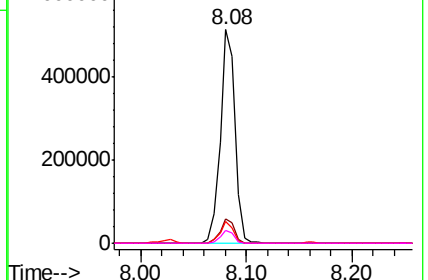
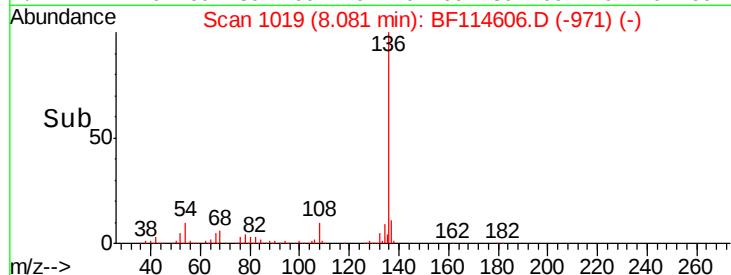


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.577 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion:105 Resp: 518719

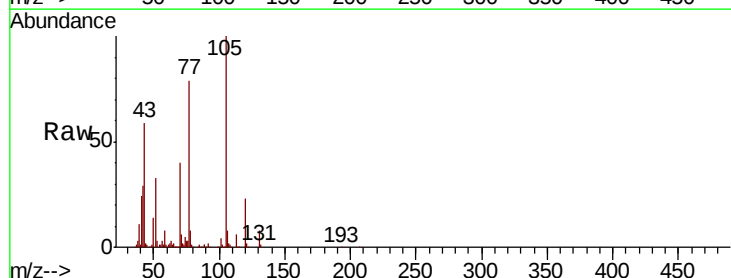
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 33.0 36.2 54.4#

120 22.6 18.6 28.0

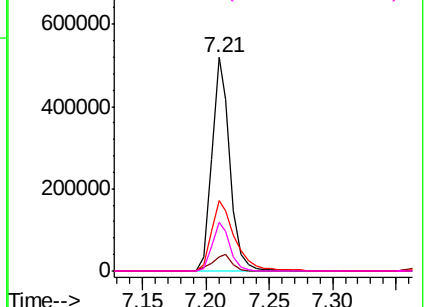
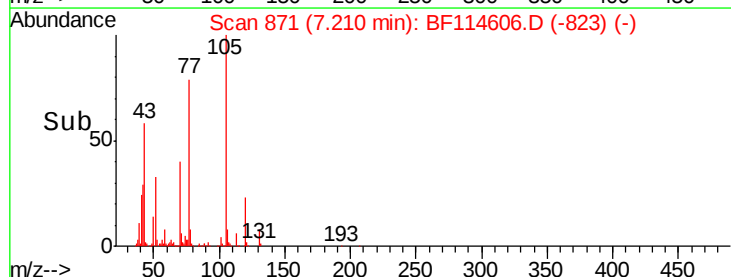


Abundance Ion 105.00 (104.70 to 105.70): E

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

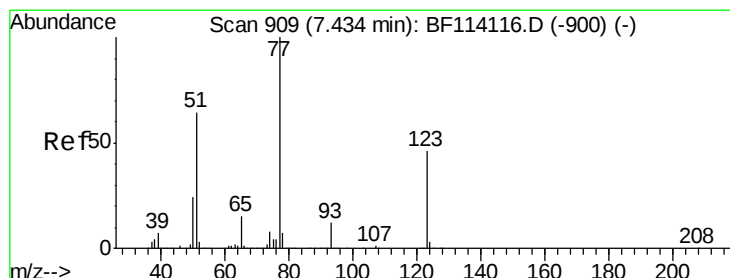
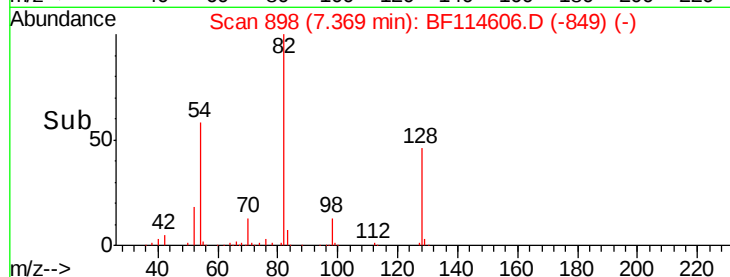
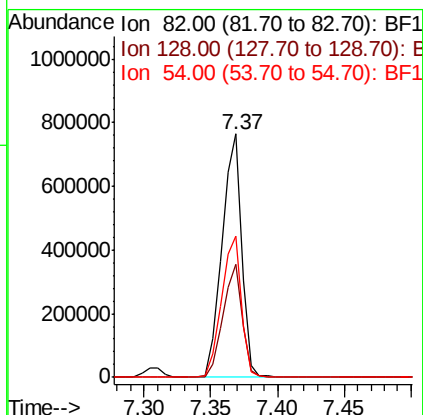
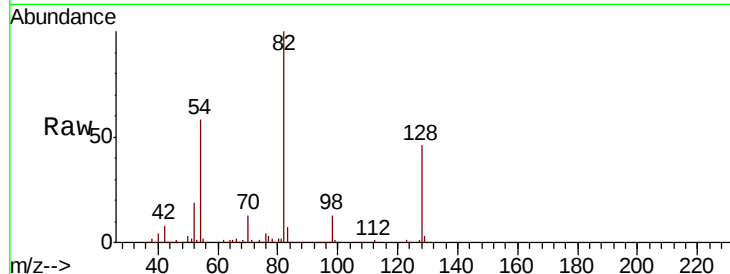




#23
Nitrobenzene-d5
Concen: 89.090 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

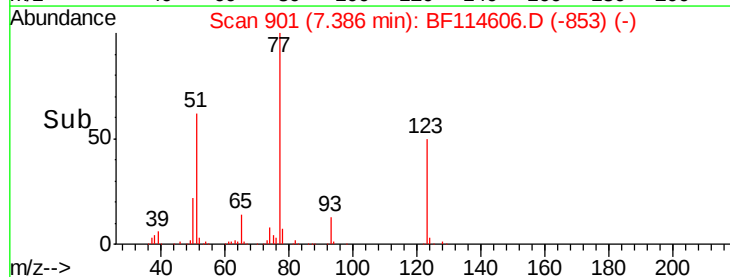
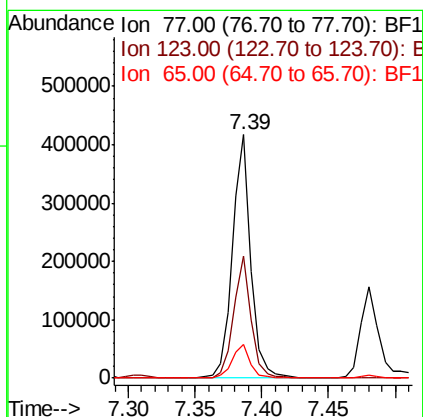
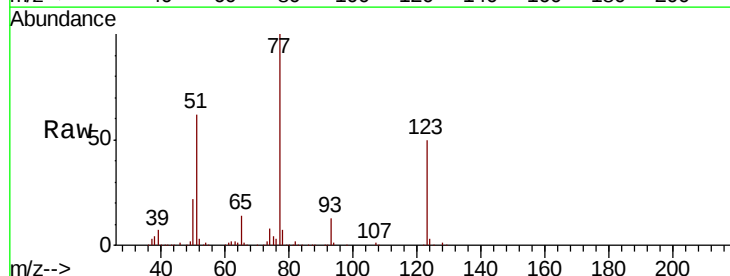
Instrument :
BNA_F
ClientSampleId :

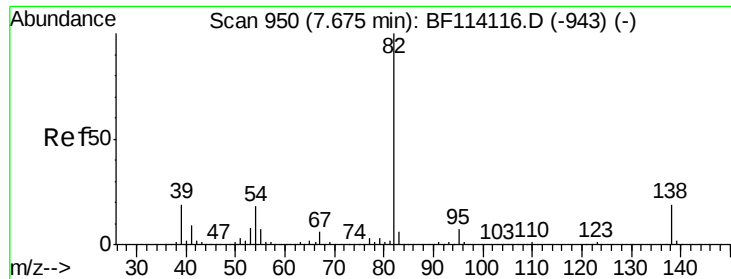
Tot Ion	82	Resp	798054
Ion Ratio	100	Lower	Upper
128	46.5	35.5	53.3
54	58.1	48.5	72.7



#24
Nitrobenzene
Concen: 43.833 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	77	Resp	399917
Ion Ratio	100	Lower	Upper
123	49.9	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 43.906 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

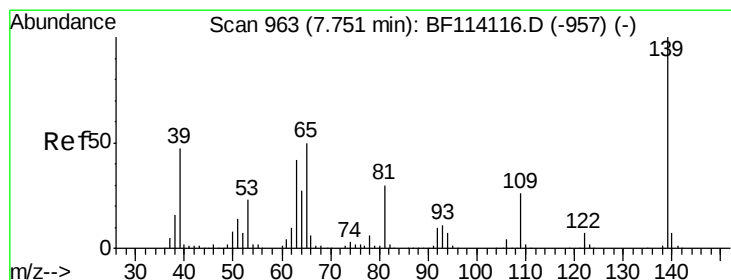
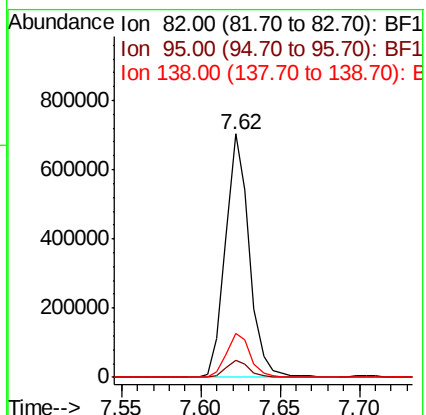
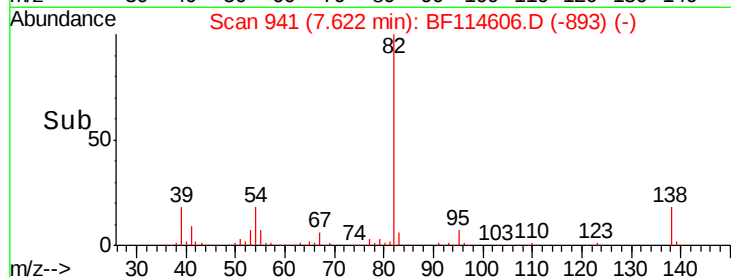
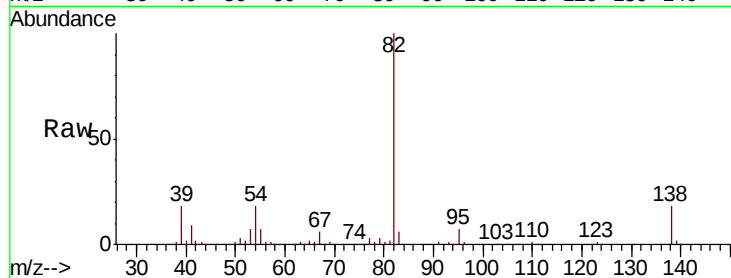
Tot Ion: 82 Resp: 729412

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 17.9 14.8 22.2



#26

2-Nitrophenol

Concen: 45.433 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

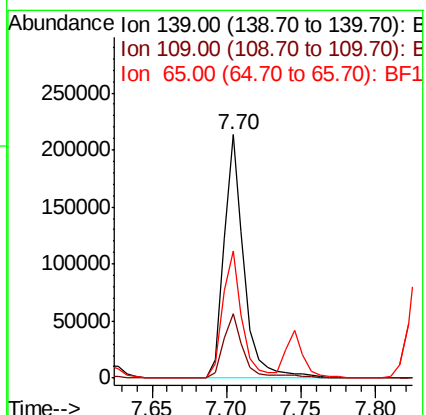
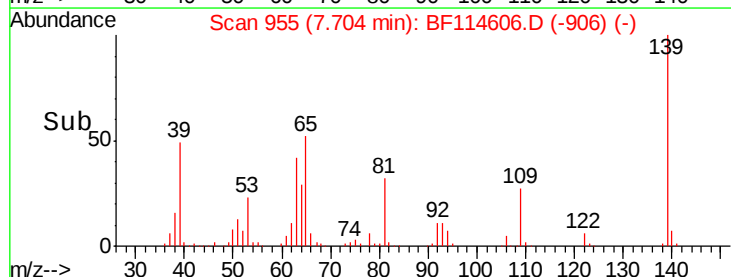
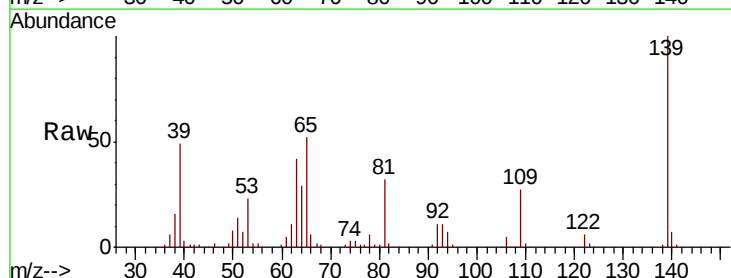
Tgt Ion: 139 Resp: 201107

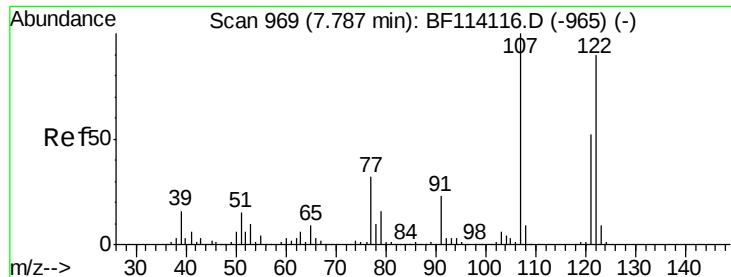
Ion Ratio Lower Upper

139 100

109 26.7 20.7 31.1

65 52.4 40.2 60.2

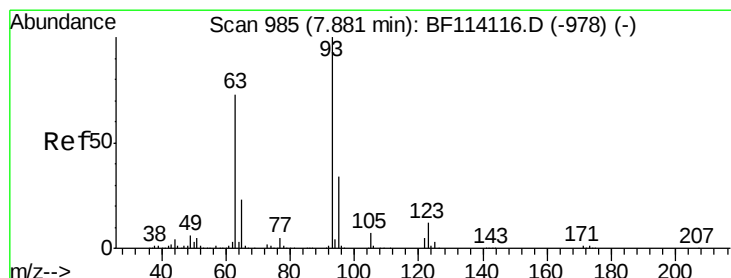
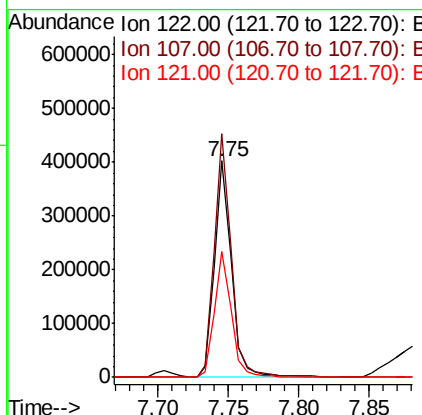
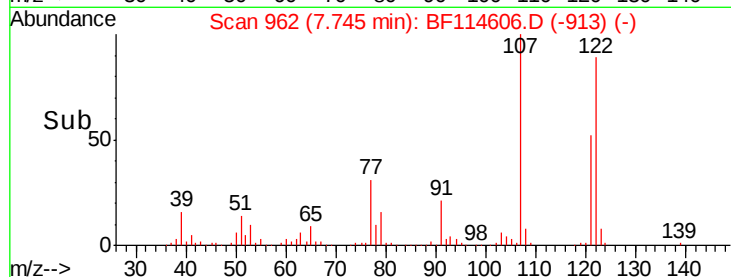
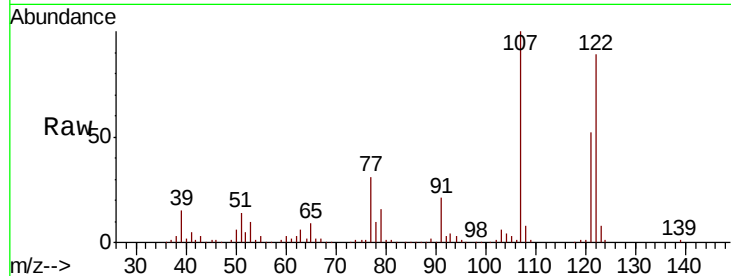




#27
2,4-Dimethylphenol
Concen: 48.318 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

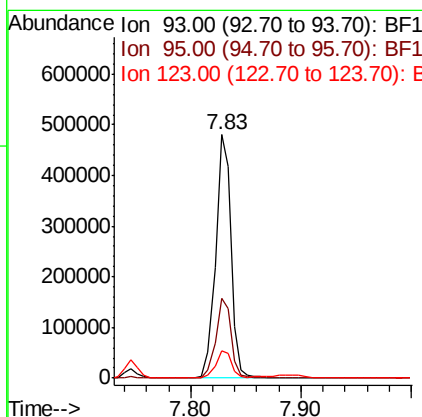
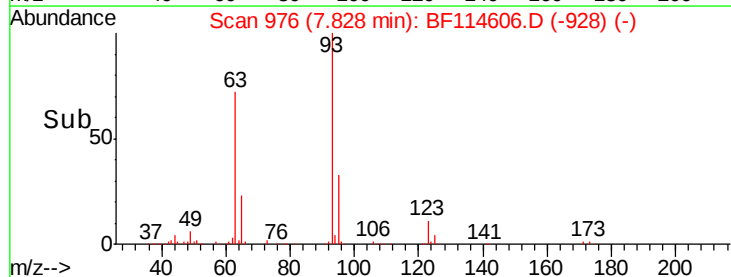
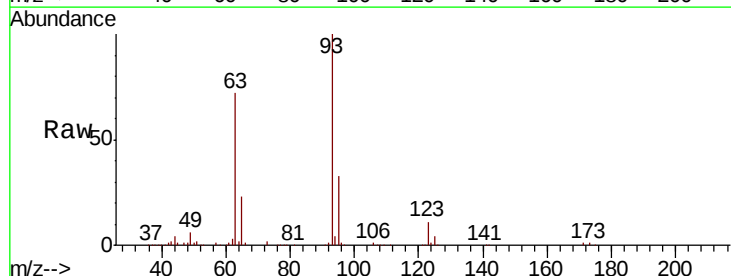
Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 335913
Ion Ratio Lower Upper
122 100
107 112.7 88.4 132.6
121 58.3 45.9 68.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.053 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion: 93 Resp: 464077
Ion Ratio Lower Upper
93 100
95 32.7 26.8 40.2
123 11.1 9.5 14.3

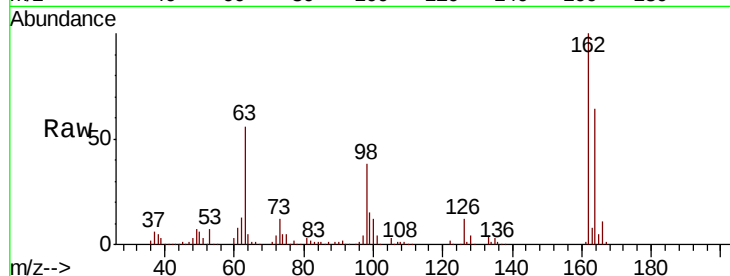




#29
 2,4-Dichlorophenol
 Concen: 45.632 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.6	83.6
98	37.5	20.6	60.6

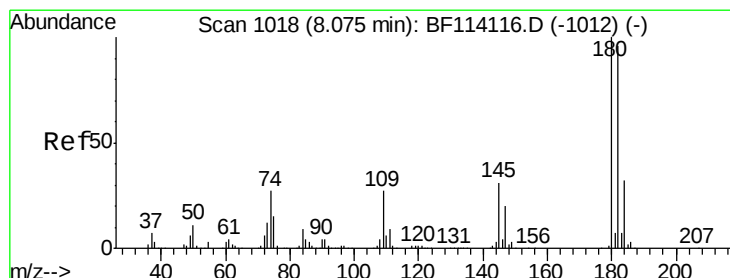
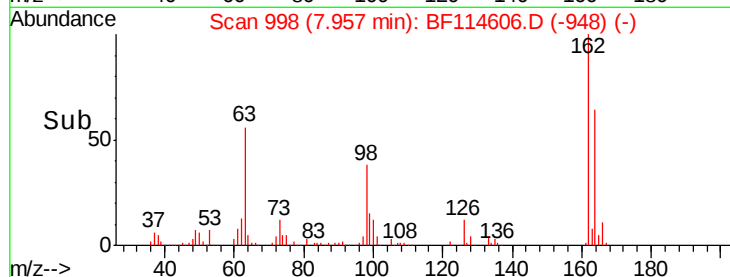
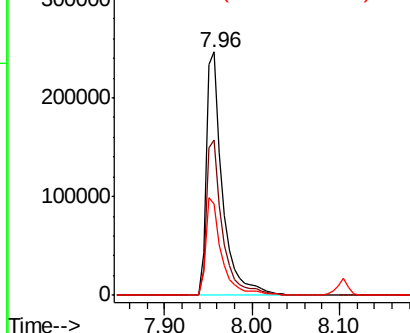


Abundance

Ion 162.00 (161.70 to 162.70): E

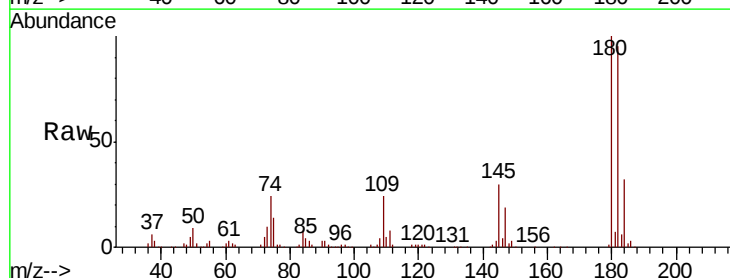
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.531 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.6	114.8
145	29.9	25.1	37.7

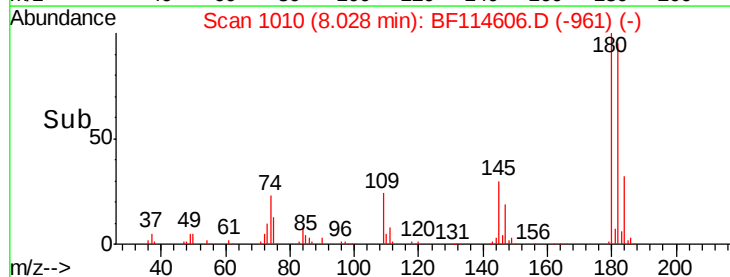
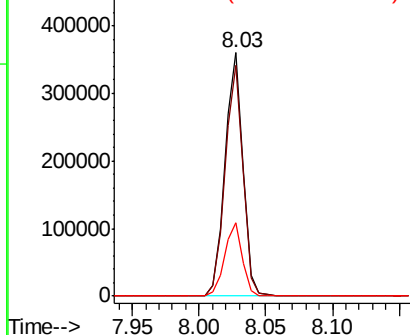


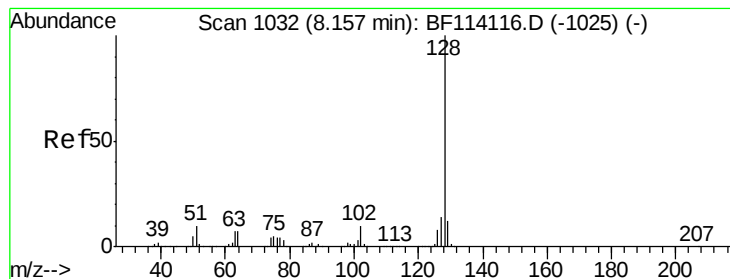
Abundance

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: 46.310 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

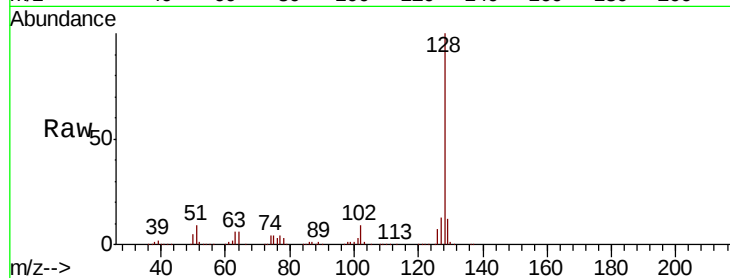
Tot Ion:128 Resp: 1087477

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

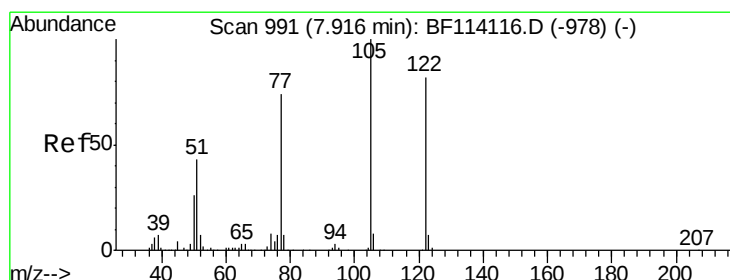
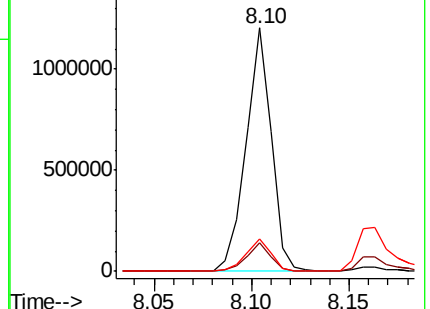
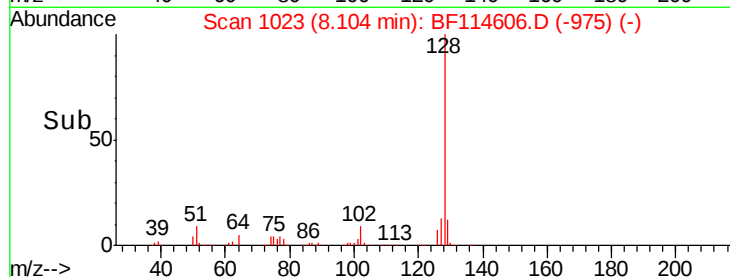
127 13.3 11.3 16.9



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: 39.009 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

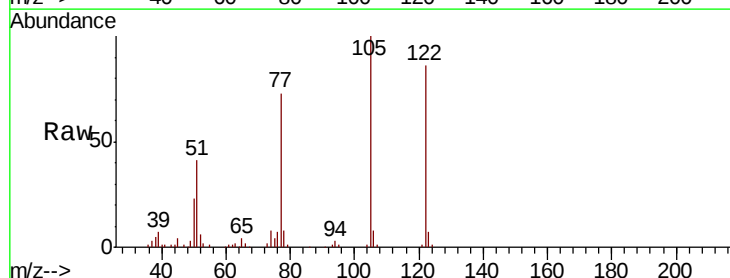
Tgt Ion:122 Resp: 185732

Ion Ratio Lower Upper

122 100

105 116.2 99.9 139.9

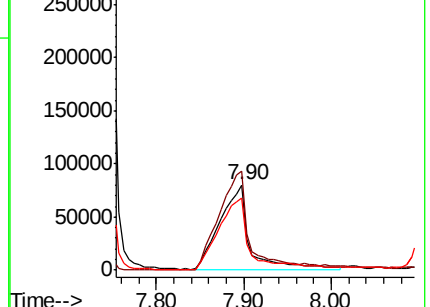
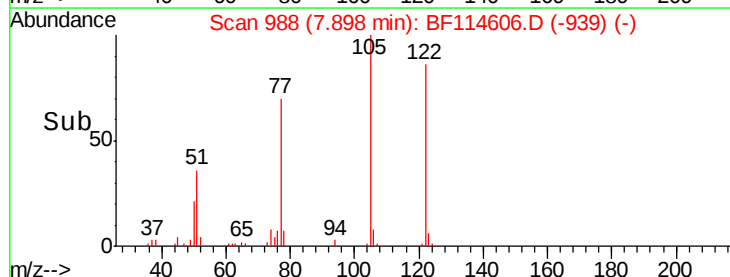
77 85.4 69.4 109.4



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

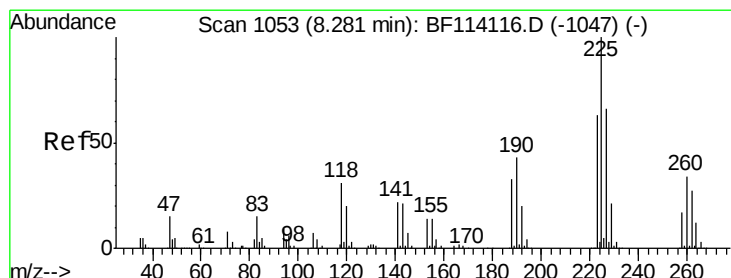
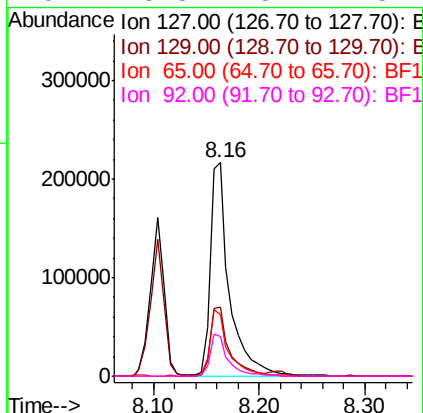
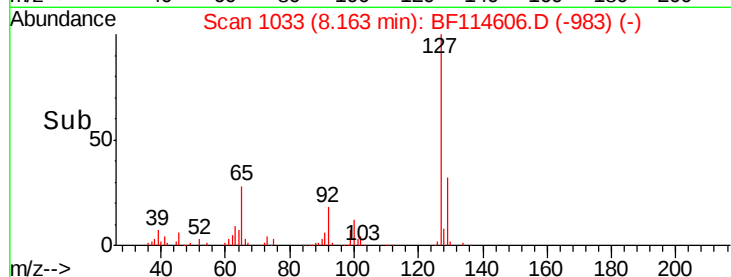
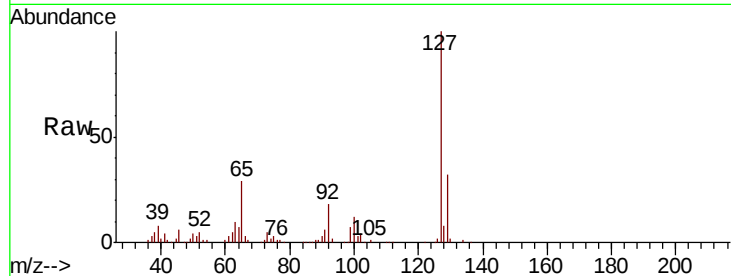




#33
4-Chloroaniline
Concen: 25.615 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

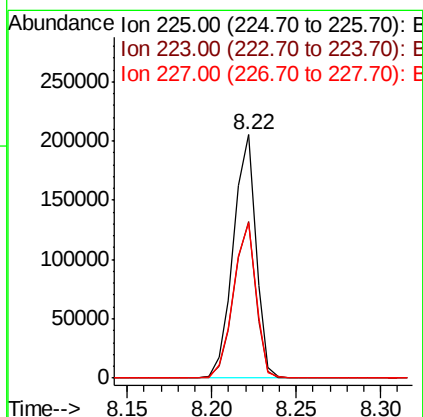
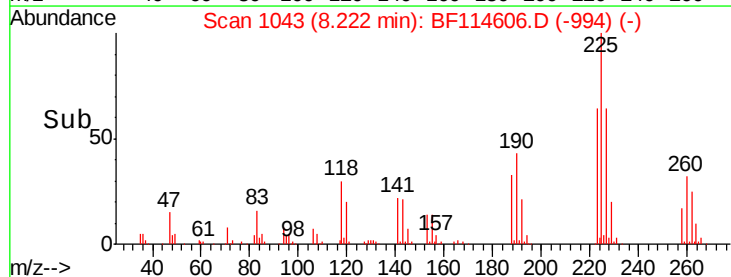
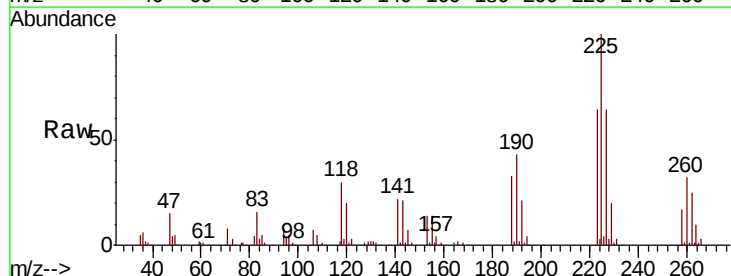
Instrument :
BNA_F
ClientSampleId :

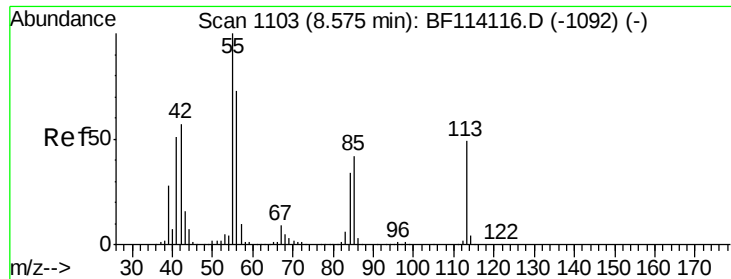
Tot Ion:	127	Resp:	274101
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.7	40.1
65	28.8	25.4	38.0
92	18.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.658 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:	225	Resp:	191068
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.2
227	63.9	52.6	79.0

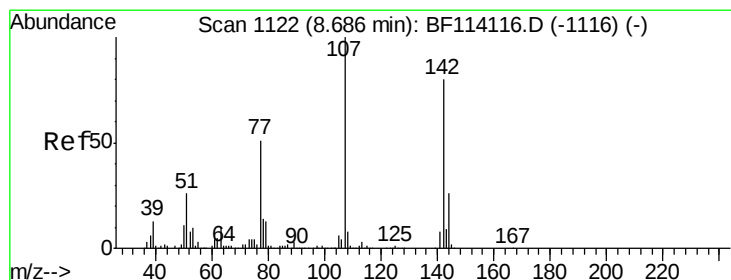
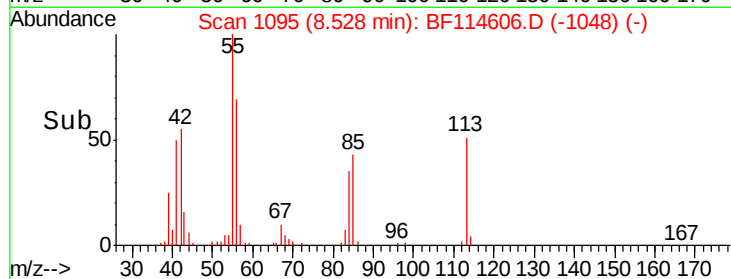
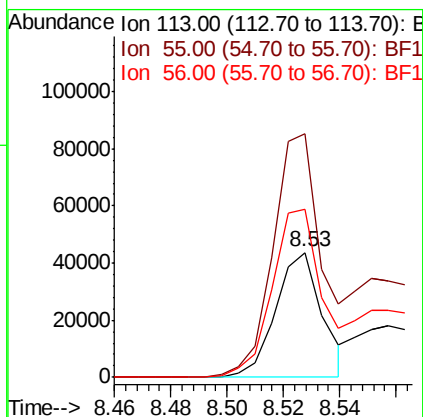
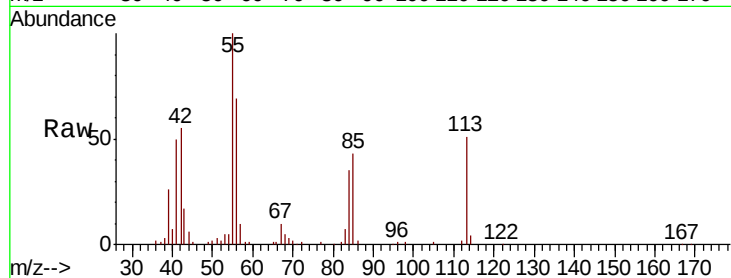




#35
 Caprolactam
 Concen: 22.102 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

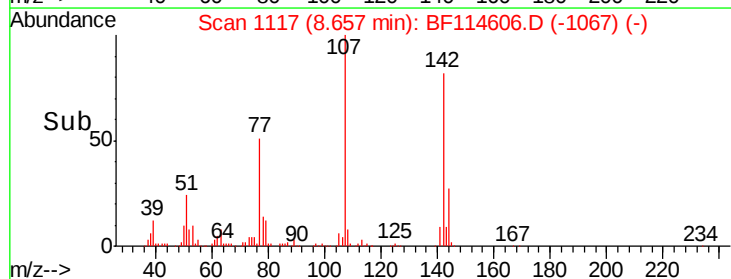
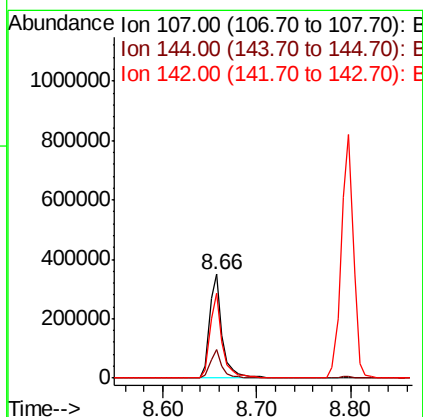
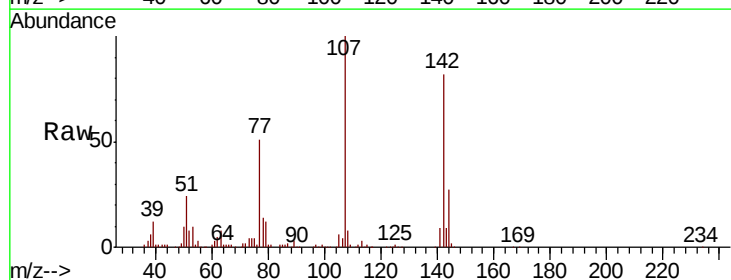
Instrument :
 BNA_F
 ClientSampled :

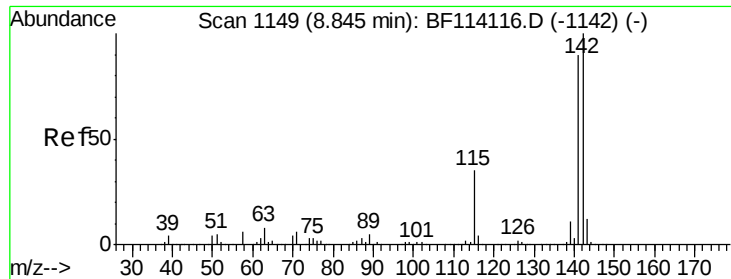
Tot Ion:113 Resp: 49890
 Ion Ratio Lower Upper
 113 100
 55 195.0 183.5 223.5
 56 134.4 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.277 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion:107 Resp: 329434
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.4 30.6
 142 82.2 64.2 96.4

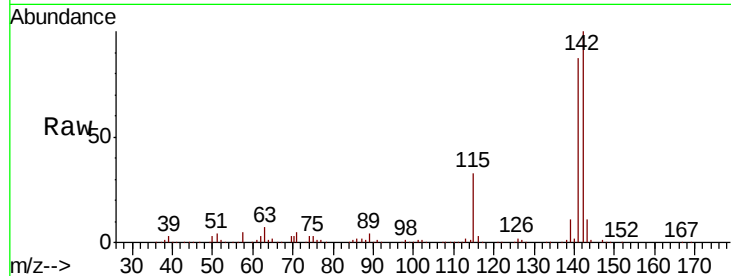




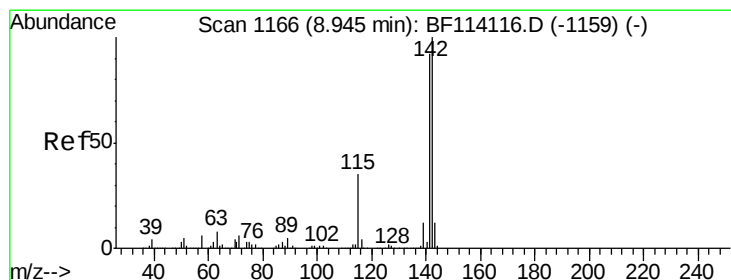
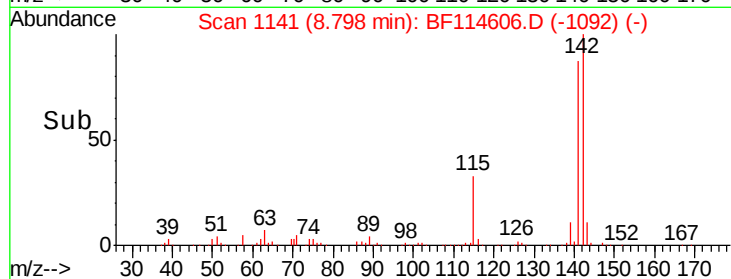
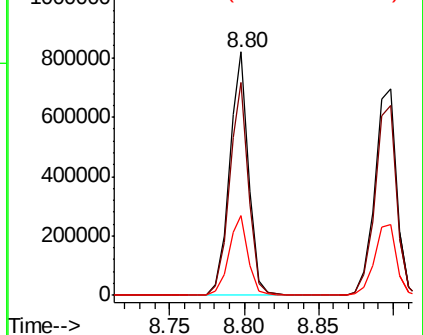
#37
2-Methylnaphthalene
Concen: 48.620 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleID :

Tot Ion:142 Resp: 736630
Ion Ratio Lower Upper
142 100
141 87.3 72.1 108.1
115 32.8 28.0 42.0

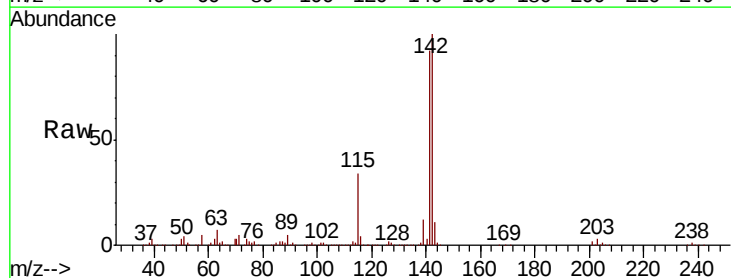


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

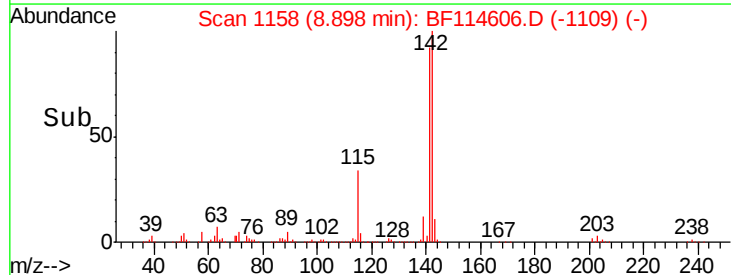
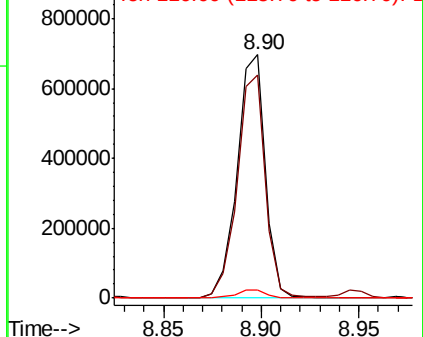


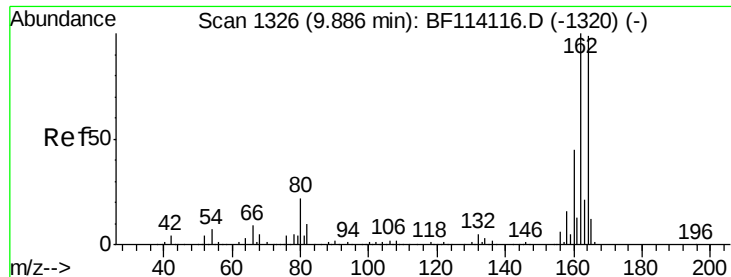
#38
1-Methylnaphthalene
Concen: 48.753 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:142 Resp: 695591
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0
116 3.5 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

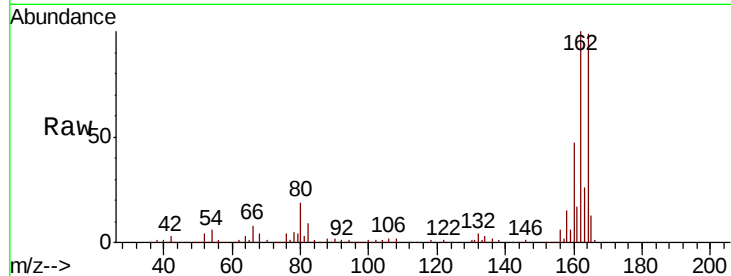




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	47.5	36.5	54.7

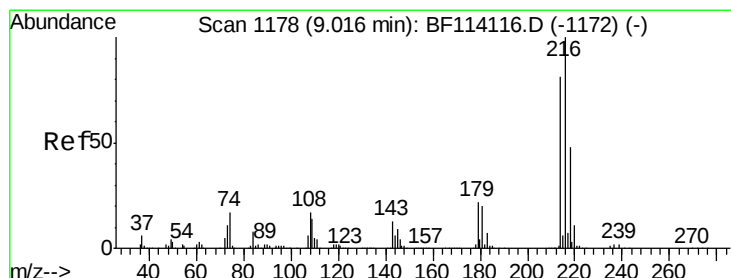
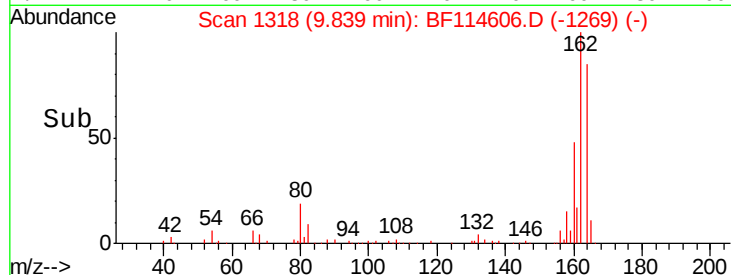
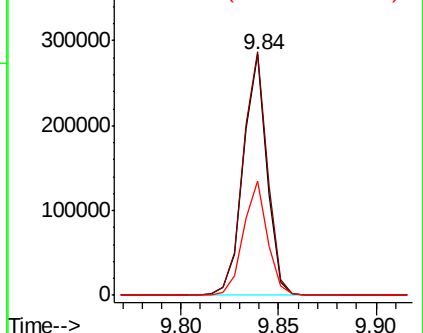


Abundance

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: 46.427 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.9	95.9
179	21.1	17.0	25.6
108	18.5	14.8	22.2

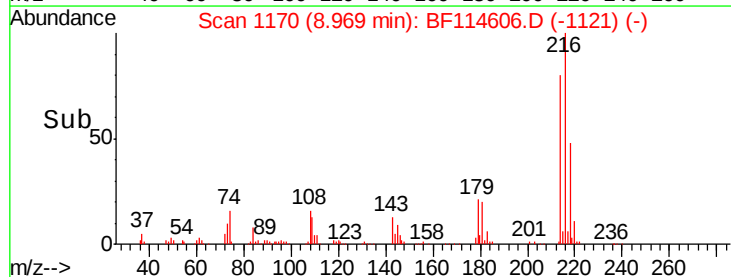
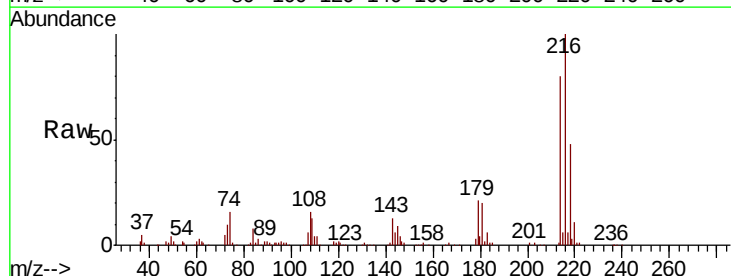
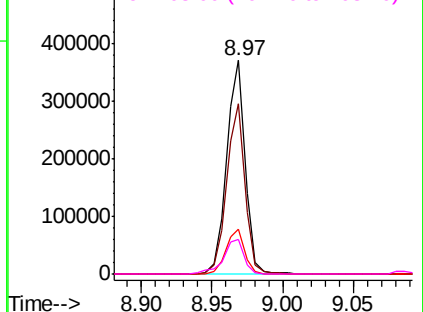
Abundance

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: 46.719 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

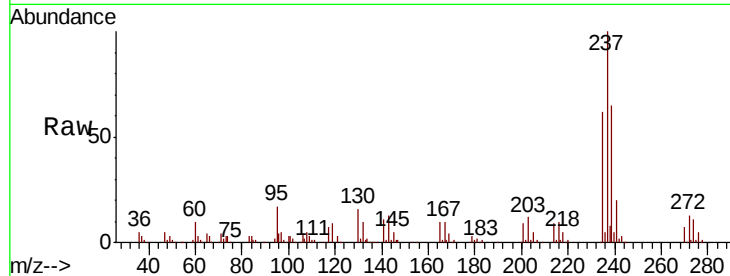
Tot Ion:237 Resp: 150964

Ion Ratio Lower Upper

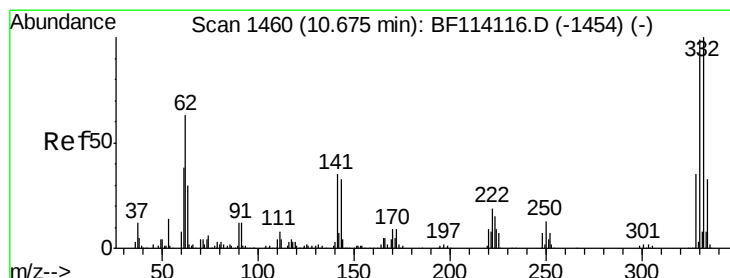
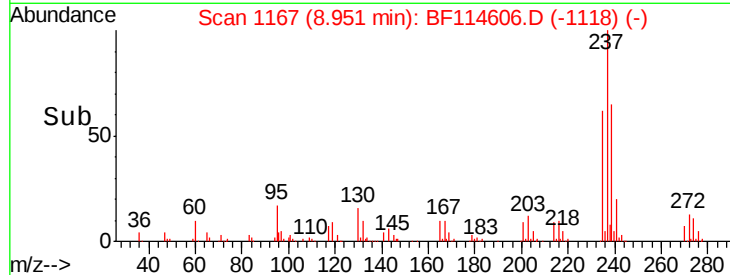
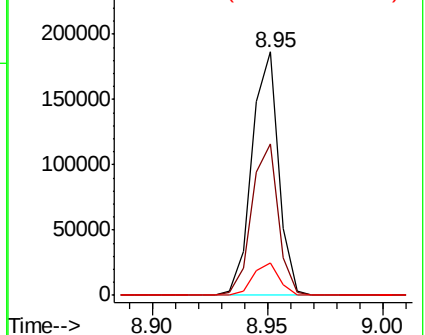
237 100

235 62.3 42.0 82.0

272 13.2 0.0 32.4



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: 133.088 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

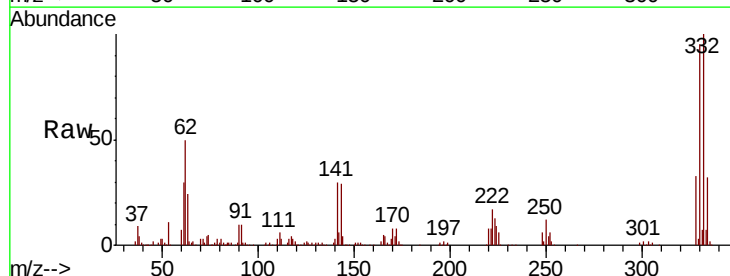
Tgt Ion:330 Resp: 328403

Ion Ratio Lower Upper

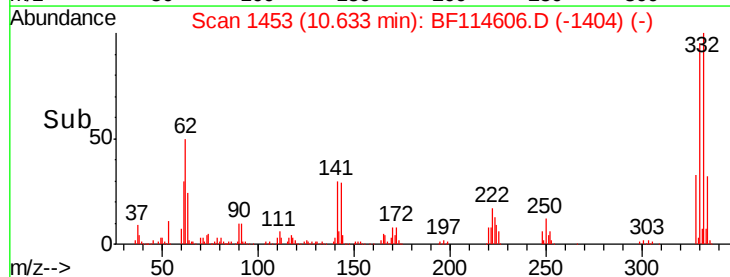
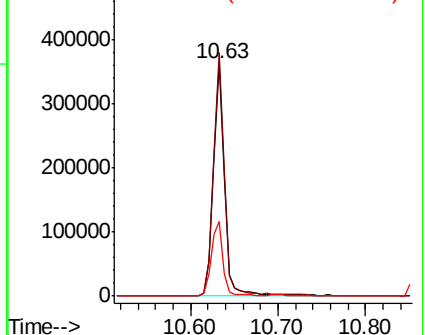
330 100

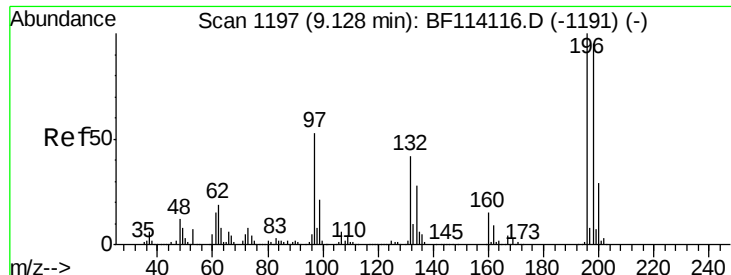
332 103.7 81.4 122.2

141 33.1 26.6 40.0



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

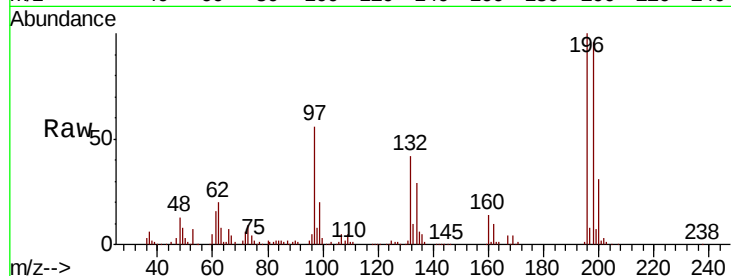




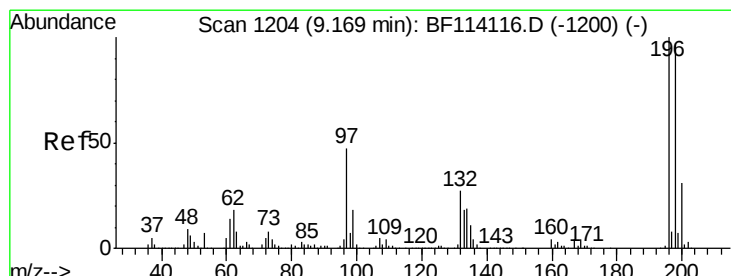
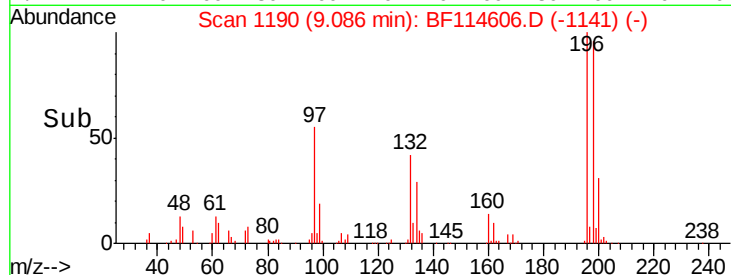
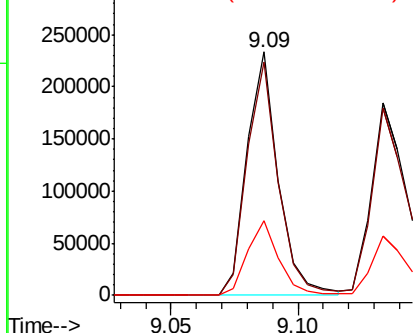
#43
 2,4,6-Trichlorophenol
 Concen: 40.476 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 201294
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.9 113.9
 200 30.7 23.5 35.3

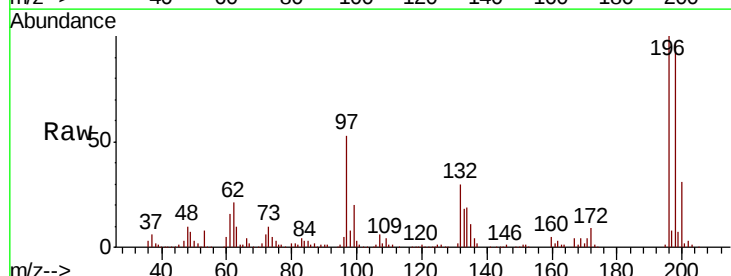


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

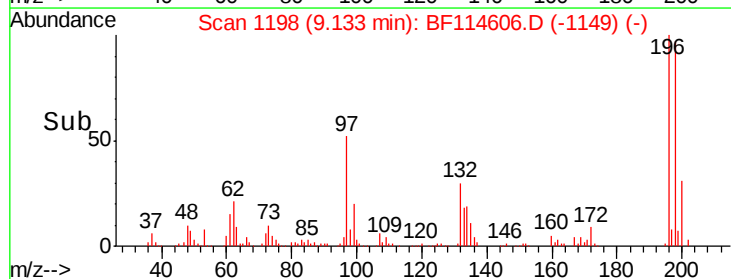
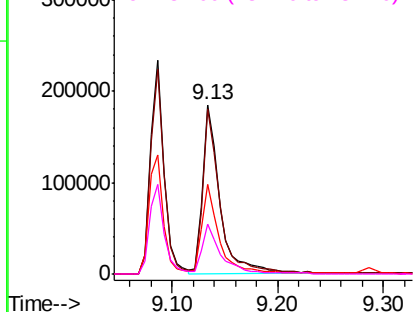


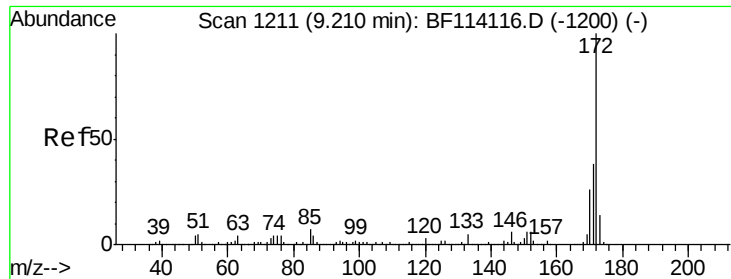
#44
 2,4,5-Trichlorophenol
 Concen: 40.827 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion:196 Resp: 208224
 Ion Ratio Lower Upper
 196 100
 198 97.3 77.7 116.5
 97 52.6 38.2 57.2
 132 29.9 21.4 32.2



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



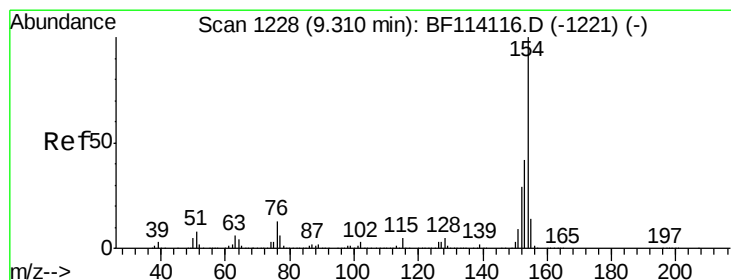
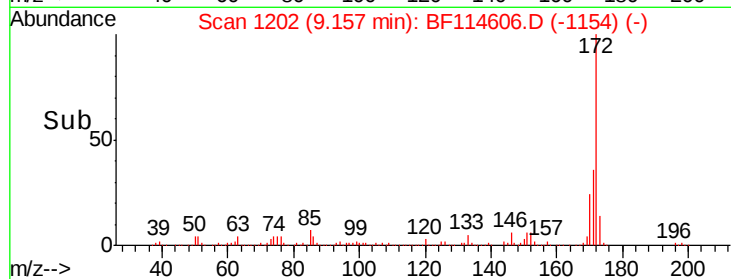
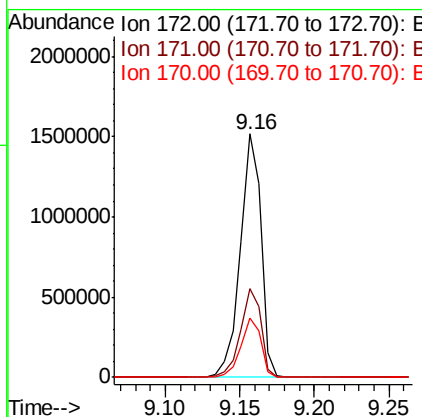
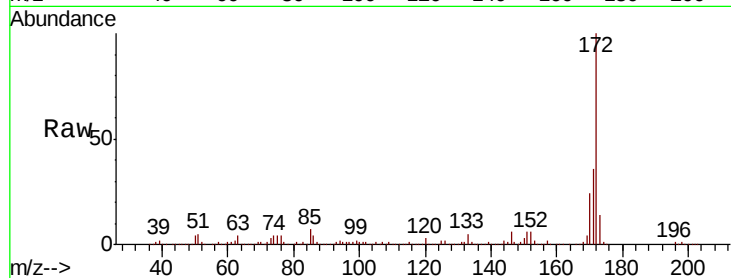


#45
 2-Fluorobiphenyl
 Concen: 93.108 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1469147

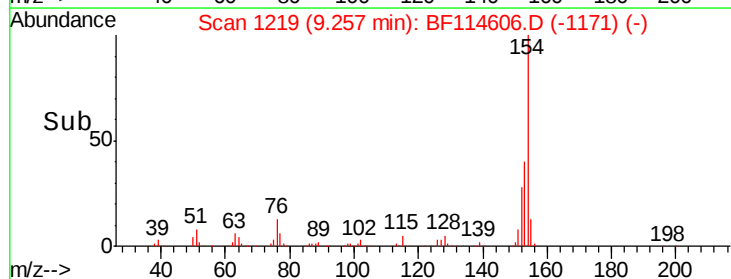
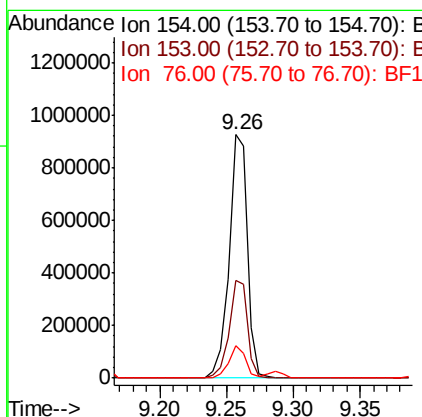
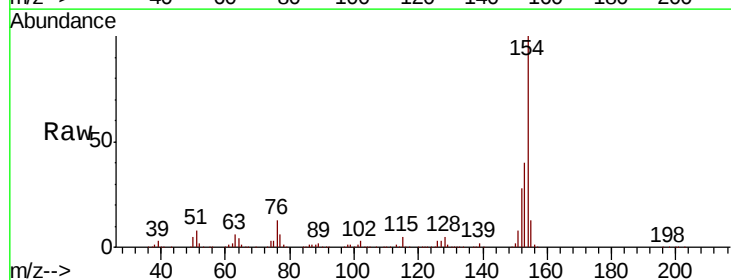
Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.7	46.1
170	24.4	20.5	30.7

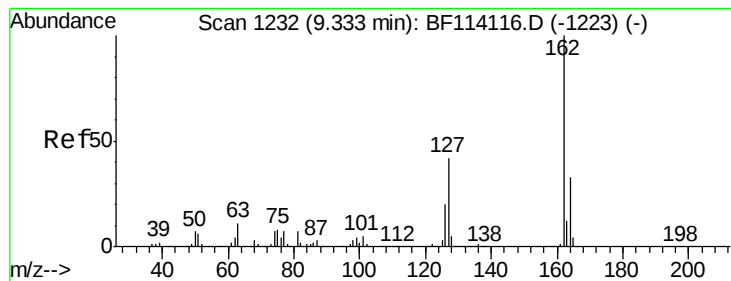


#46
 1,1'-Biphenyl
 Concen: 46.579 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion:154 Resp: 898151

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	13.1	0.0	32.8





#47

2-Chloronaphthalene

Concen: 43.389 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

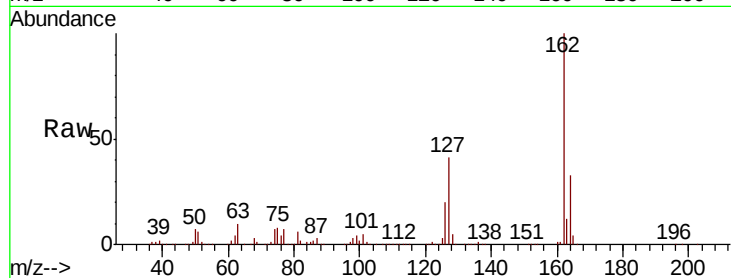
Tot Ion:162 Resp: 673315

Ion Ratio Lower Upper

162 100

127 41.2 34.0 51.0

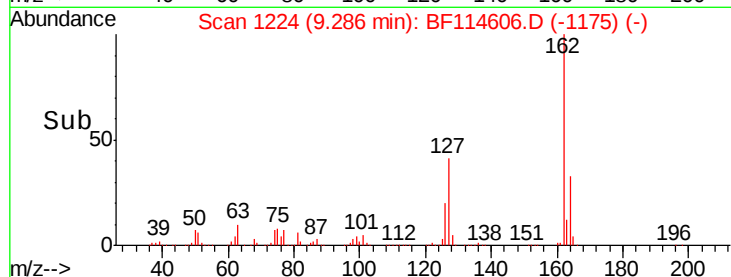
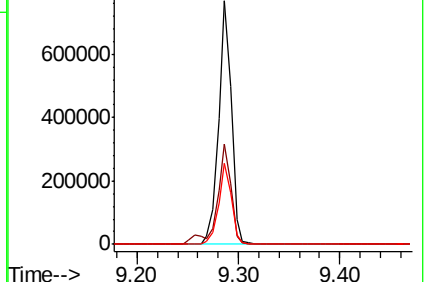
164 33.3 26.7 40.1



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: 40.810 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

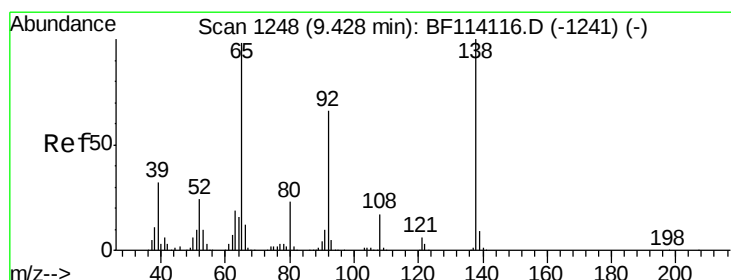
Tgt Ion: 65 Resp: 224596

Ion Ratio Lower Upper

65 100

92 63.8 53.9 80.9

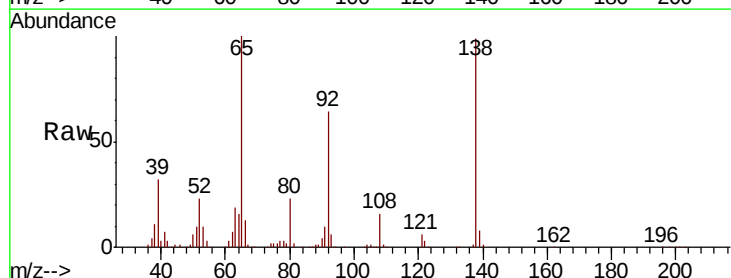
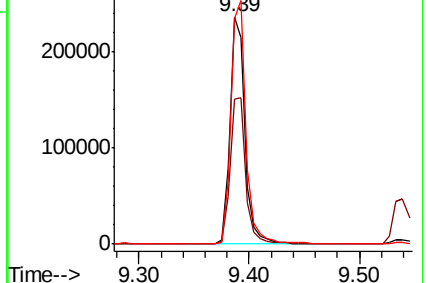
138 99.3 81.4 122.0

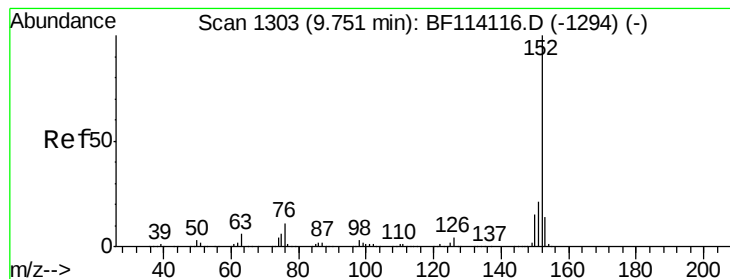


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.564 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampled :

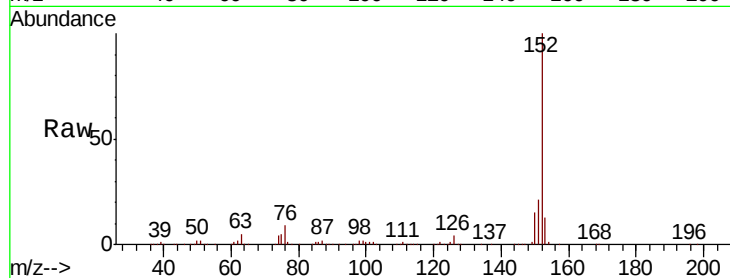
Tot Ion:152 Resp: 1075418

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

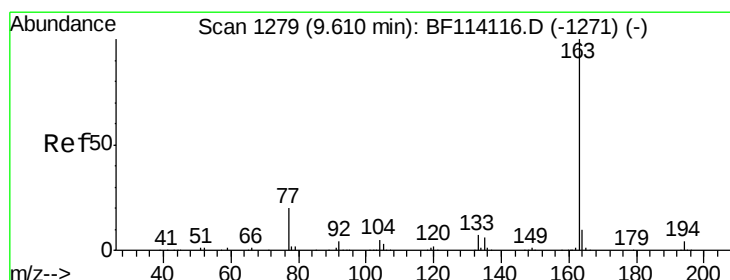
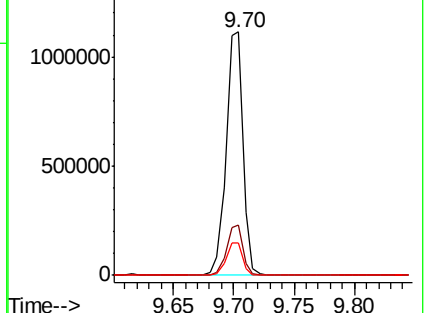
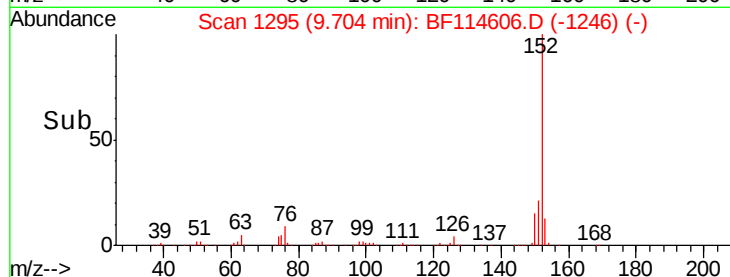
153 13.3 11.4 17.2



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: 44.471 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

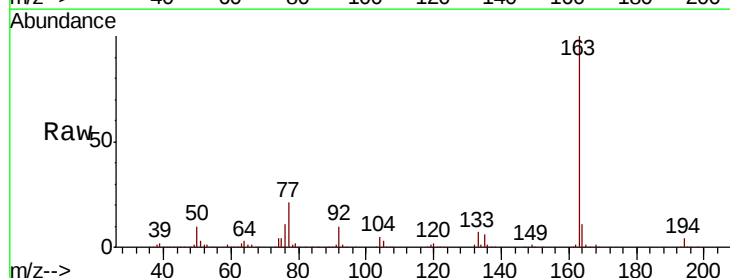
Tgt Ion:163 Resp: 779196

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

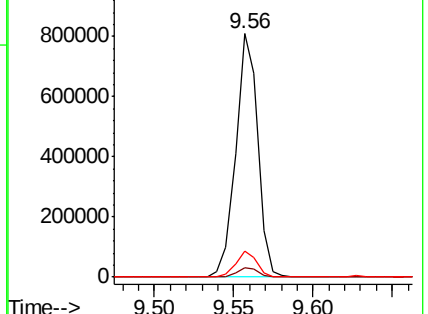
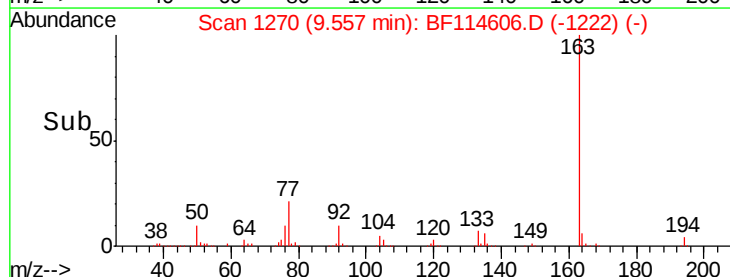
164 10.7 8.2 12.2



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: 44.634 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

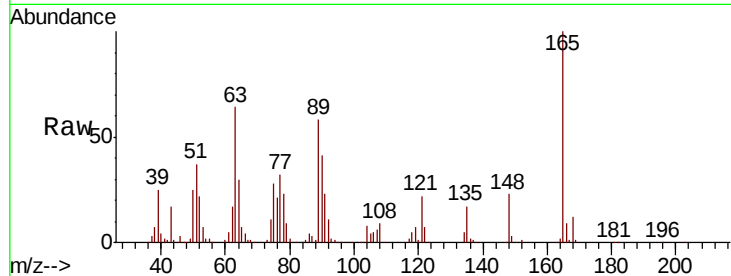
Tot Ion:165 Resp: 173458

Ion Ratio Lower Upper

165 100

63 63.5 50.2 75.4

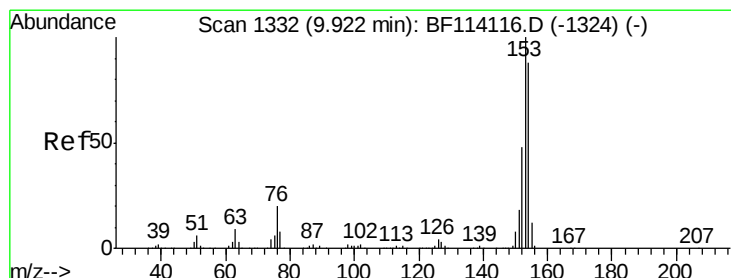
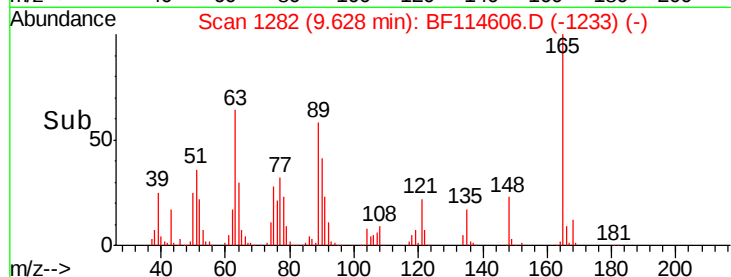
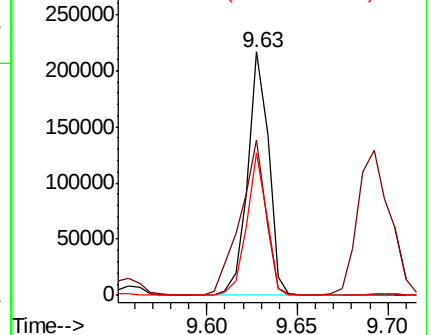
89 58.4 46.6 69.8



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: 43.692 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

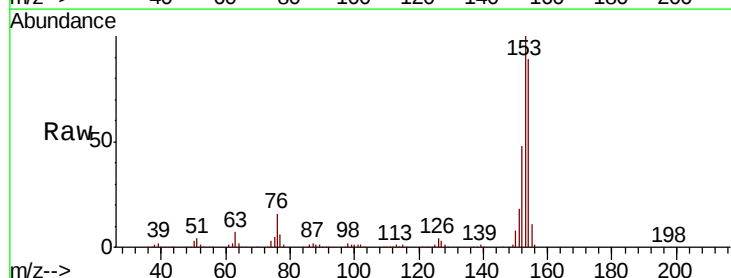
Tgt Ion:154 Resp: 632801

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

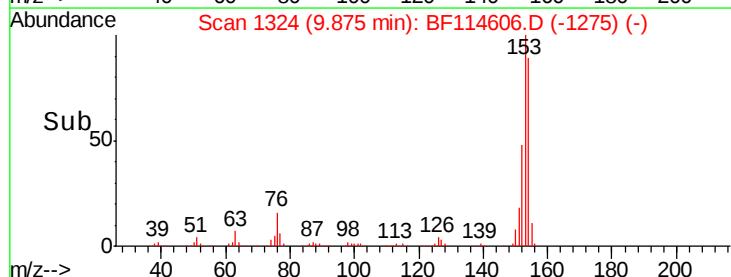
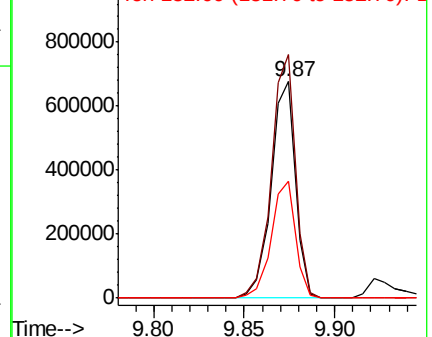
152 54.2 43.4 65.2



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

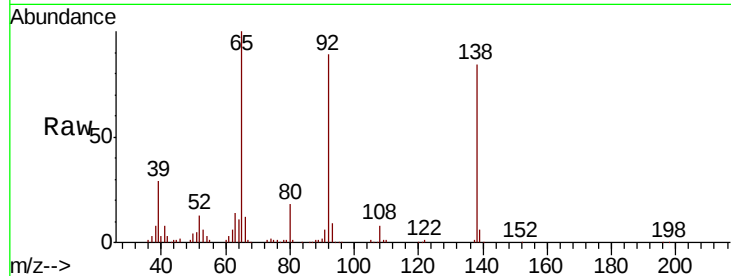




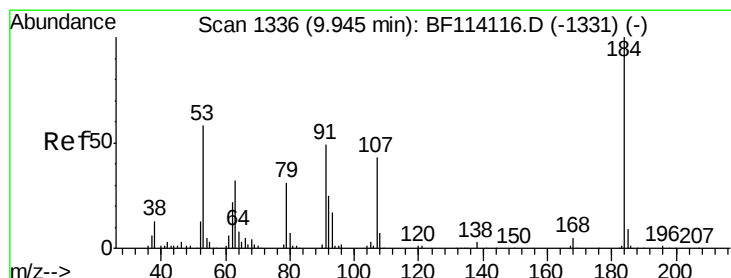
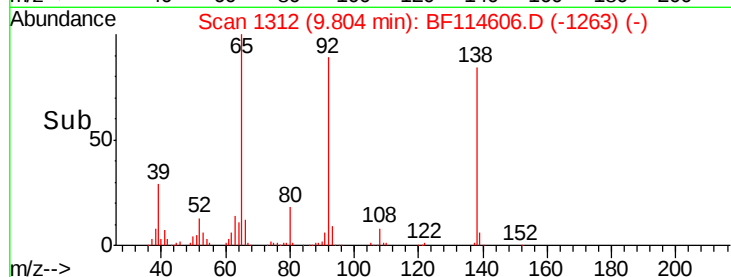
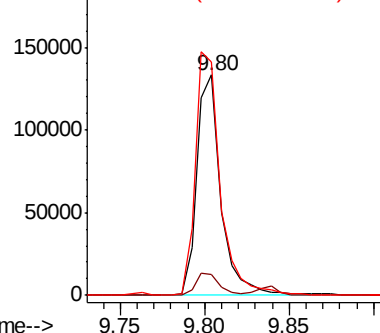
#53
3-Nitroaniline
Concen: 27.442 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 132387
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 106.1 91.2 136.8

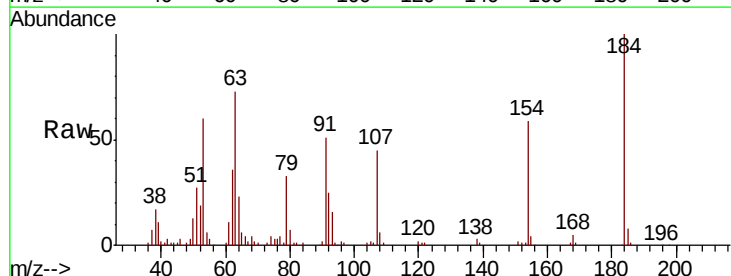


Abundance Ion 138.00 (137.70 to 138.70): E
200000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

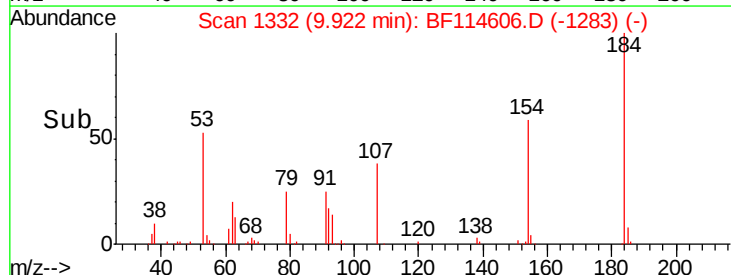
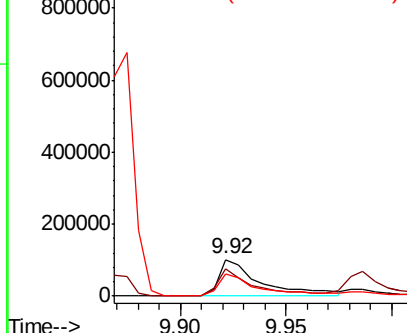


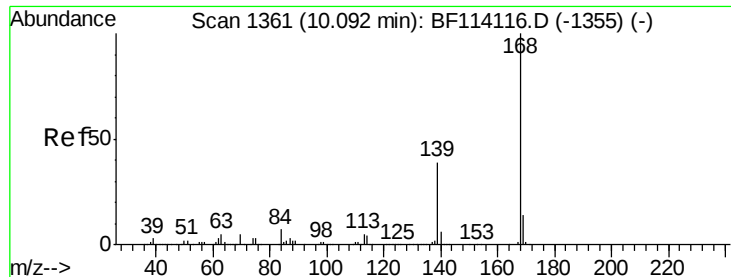
#54
2,4-Dinitrophenol
Concen: 72.526 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:184 Resp: 140382
Ion Ratio Lower Upper
184 100
63 73.1 55.6 83.4
154 59.3 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
800000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

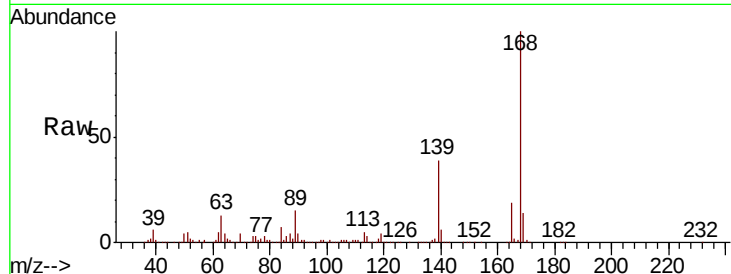




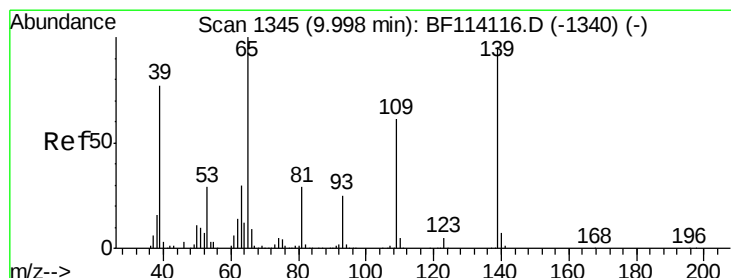
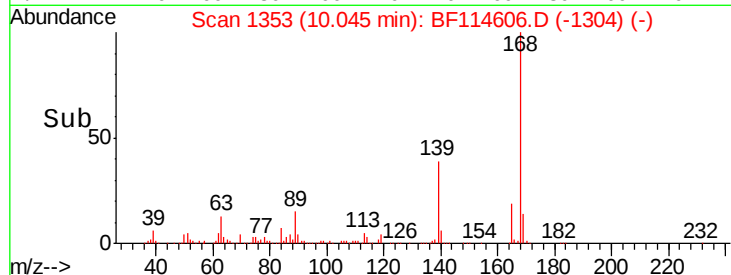
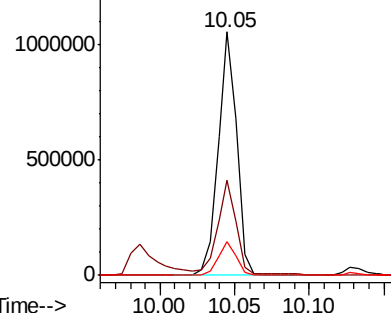
#55
Dibenzofuran
Concen: 43.447 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 922717
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.7 11.4 17.0

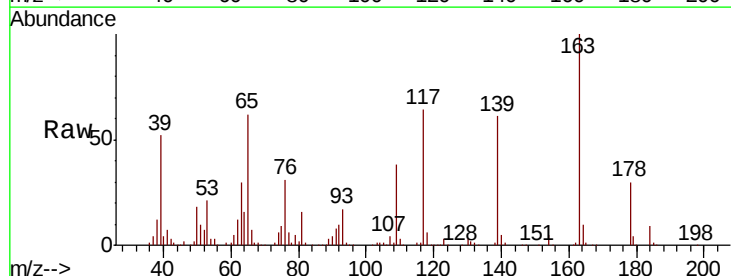


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

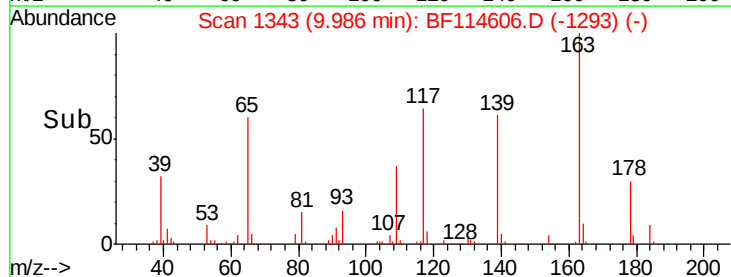
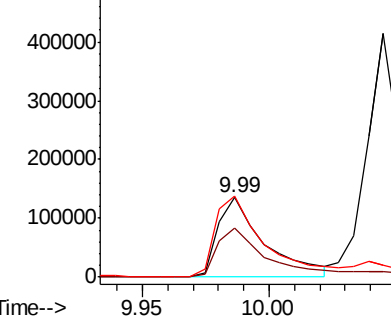


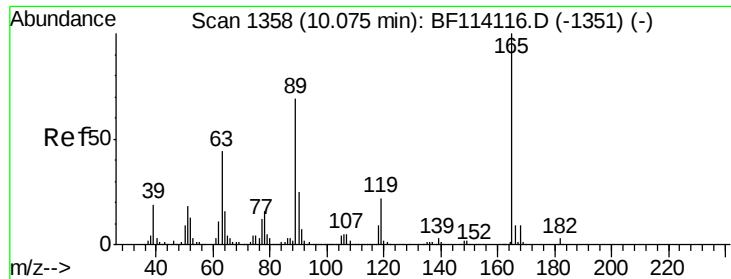
#56
4-Nitrophenol
Concen: 50.327 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:139 Resp: 171698
Ion Ratio Lower Upper
139 100
109 62.2 43.9 83.9
65 102.4 85.7 125.7



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: 40.416 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114606.D

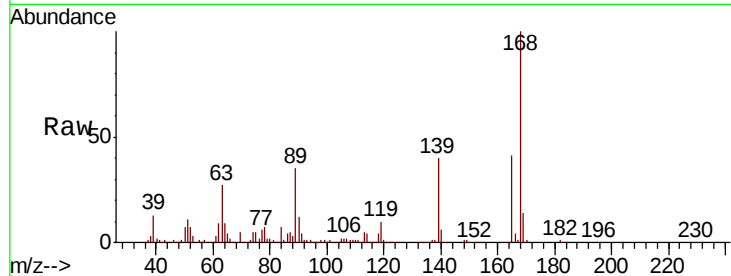
Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	165	Resp:	213184
Ion	Ratio	Lower	Upper
165	100		
63	66.3	35.5	53.3#
89	84.7	55.2	82.8#
182	2.7	2.2	3.2

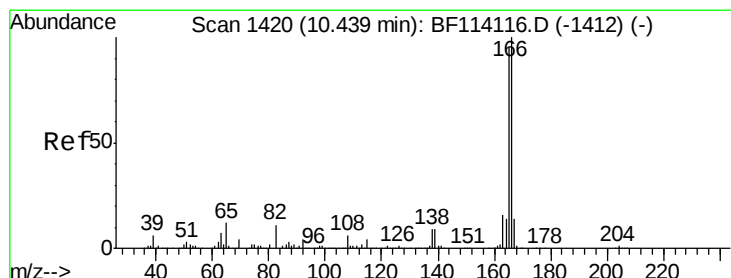
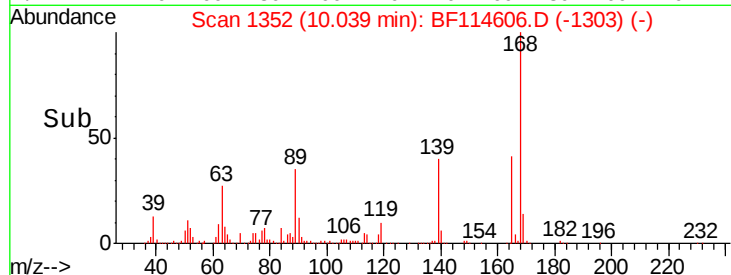
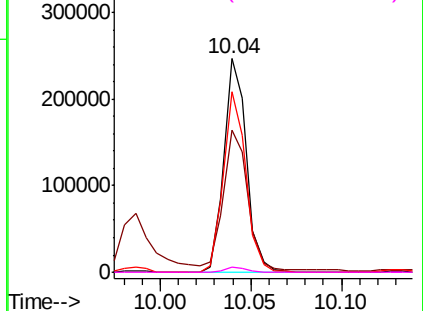


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.282 ng

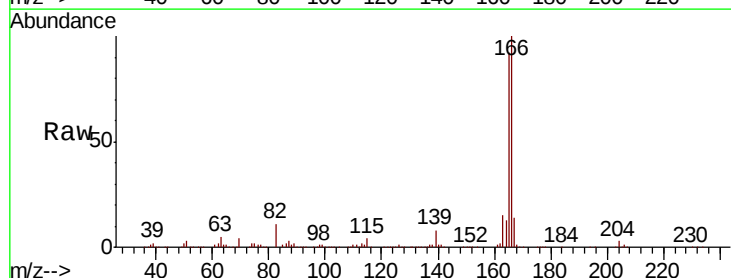
RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

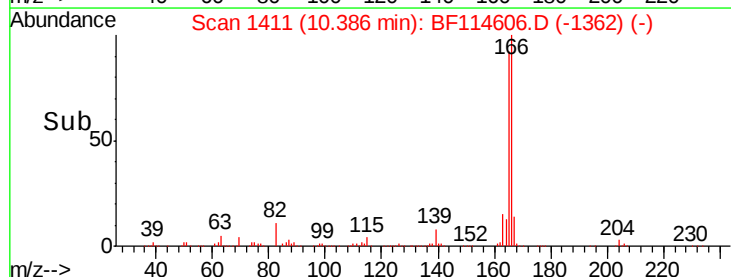
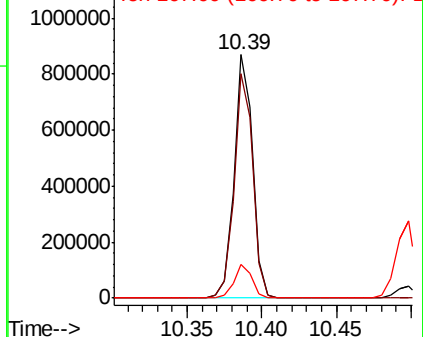
Tgt Ion:	166	Resp:	759226
Ion	Ratio	Lower	Upper
166	100		
165	92.2	76.1	114.1
167	13.7	11.1	16.7

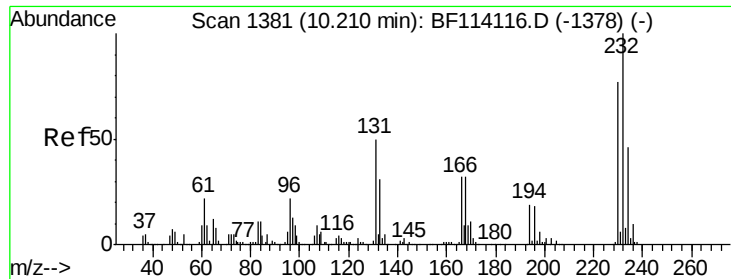


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

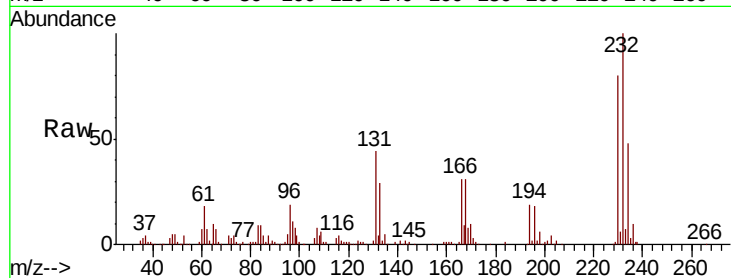




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.086 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	35.6	53.4
130	2.3	1.6	2.4
166	31.4	24.1	36.1



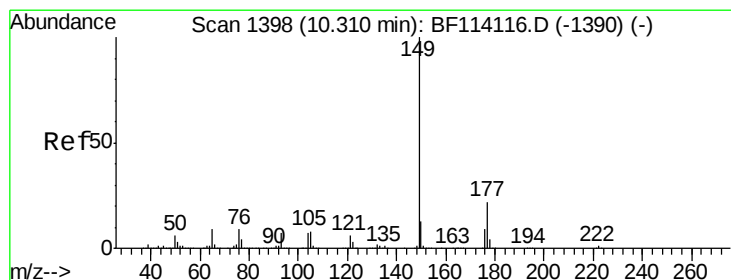
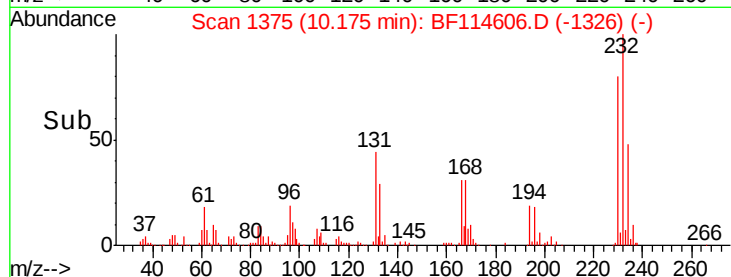
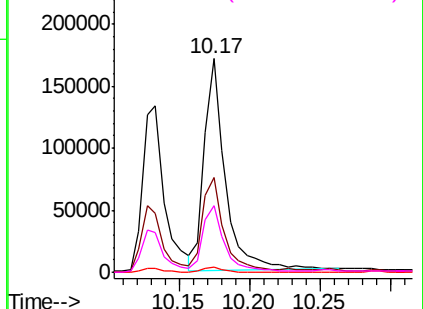
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

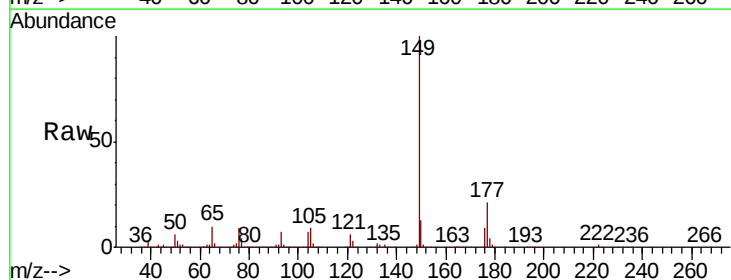
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.391 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.8	26.6
150	12.8	10.2	15.2

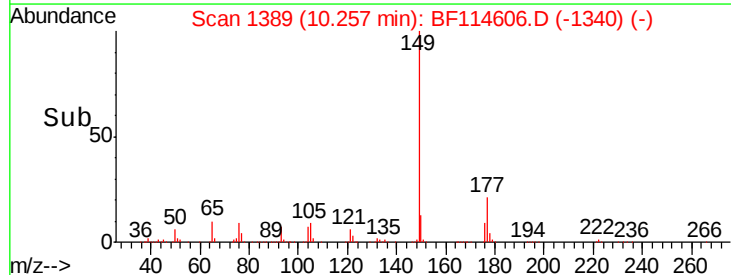
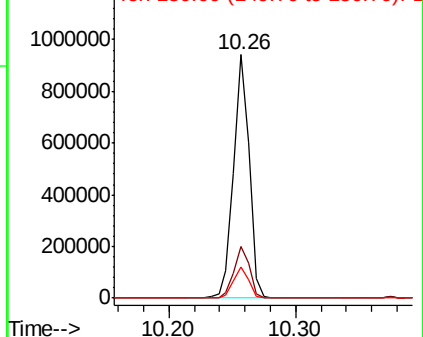


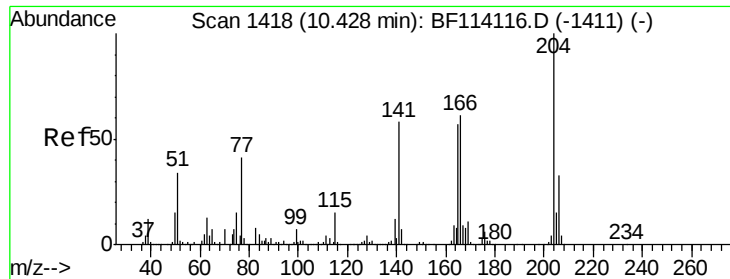
Abundance

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

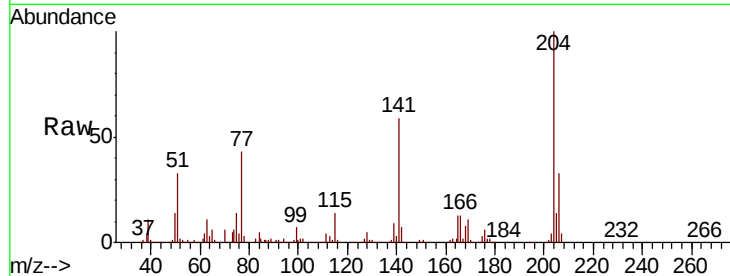




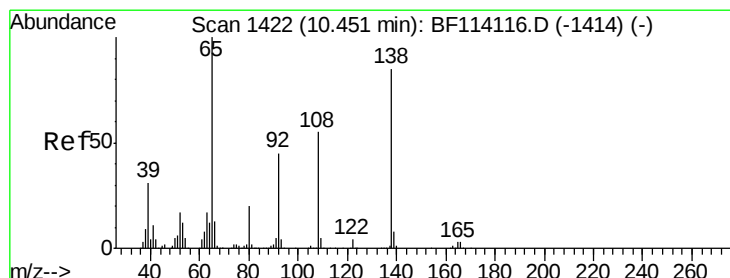
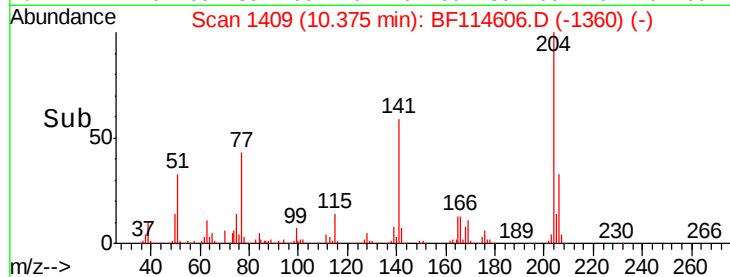
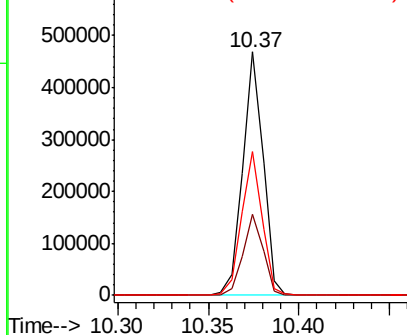
#61
4-Chlorophenyl-phenylether
Concen: 45.318 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 365127
Ion Ratio Lower Upper
204 100
206 33.4 26.6 39.8
141 59.1 46.4 69.6

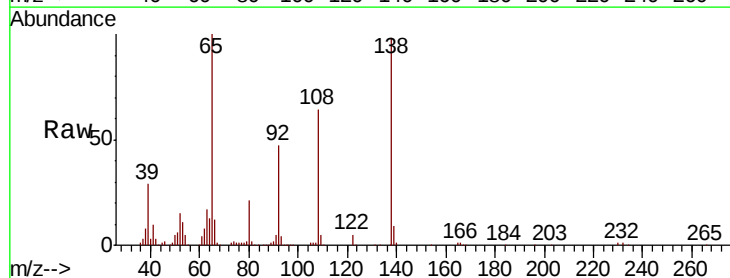


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

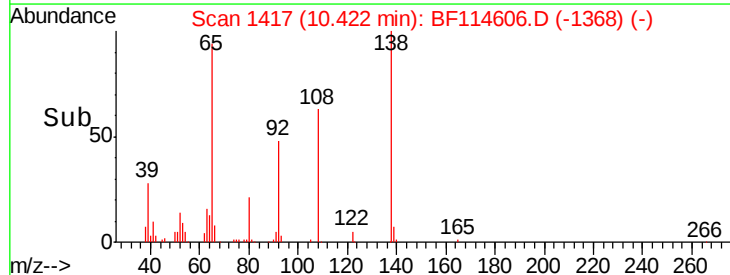
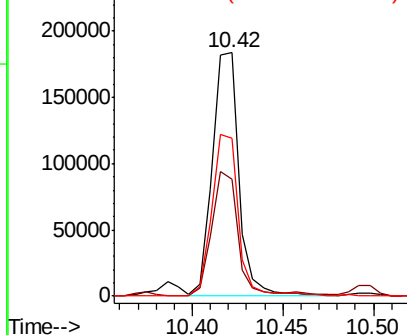


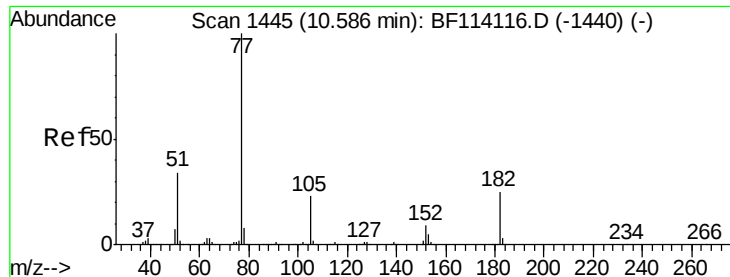
#62
4-Nitroaniline
Concen: 36.577 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:138 Resp: 185419
Ion Ratio Lower Upper
138 100
92 47.8 33.0 73.0
108 65.0 44.9 84.9



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





#63

Azobenzene

Concen: 43.616 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

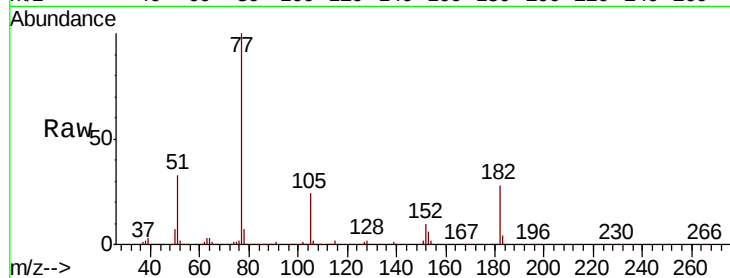
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 751610

Ion	Ratio	Lower	Upper
77	100		
182	28.3	4.7	44.7
105	23.6	2.9	42.9
51	33.0	14.6	54.6

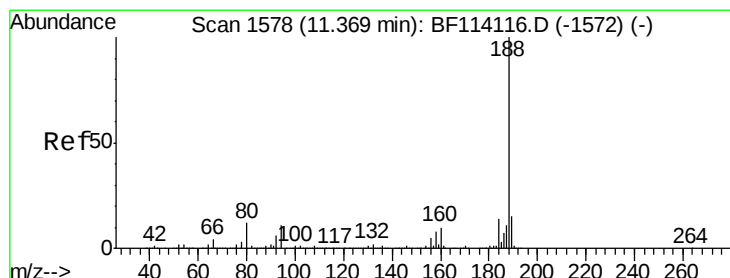
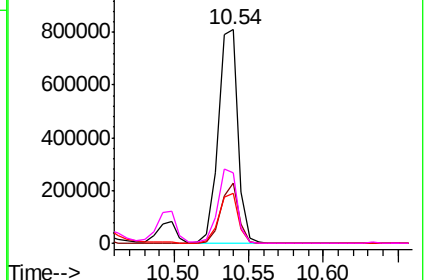
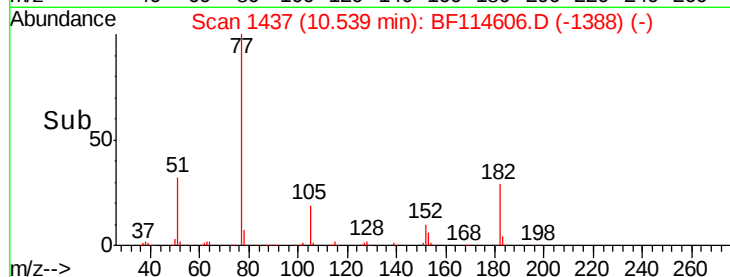


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

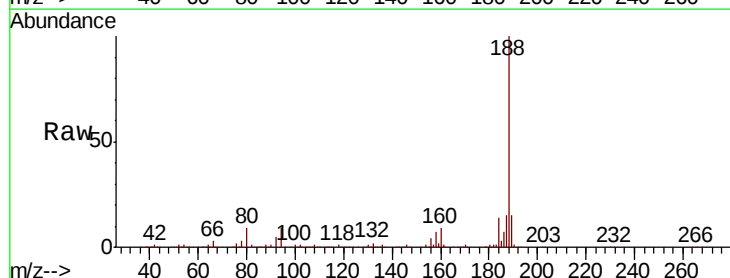
Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Tgt Ion: 188 Resp: 483153

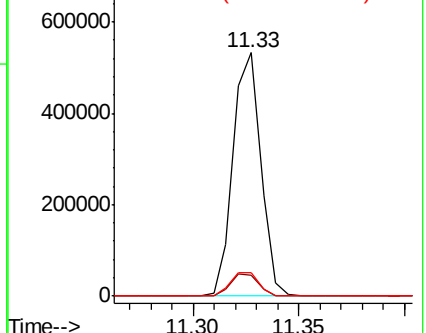
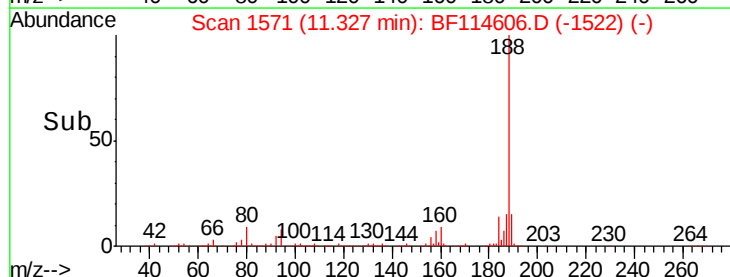
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.4	12.6
80	9.5	9.2	13.8

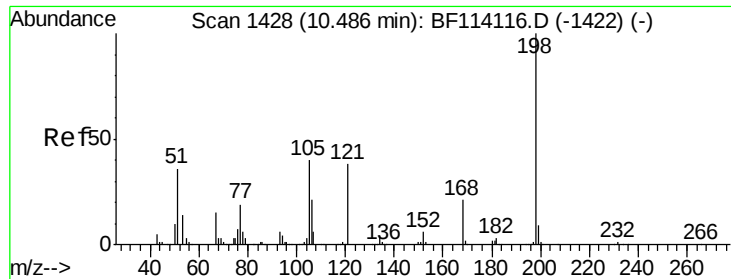


Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.610 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampled :

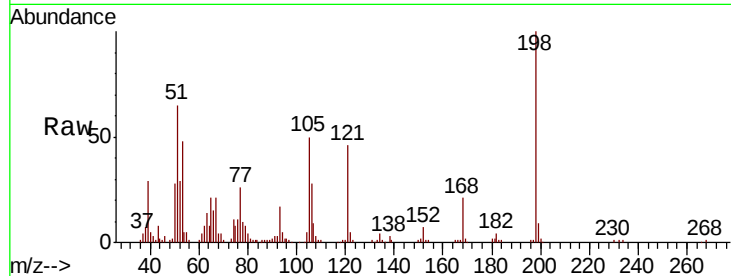
Tot Ion:198 Resp: 101245

Ion Ratio Lower Upper

198 100

51 65.0 28.0 68.0

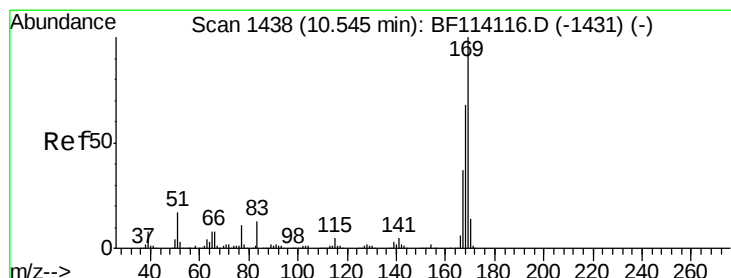
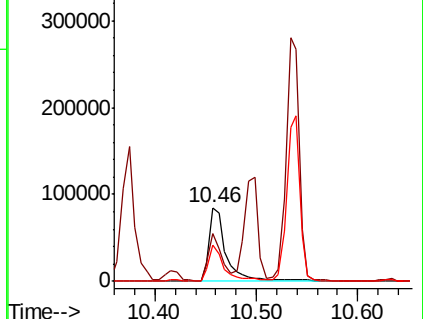
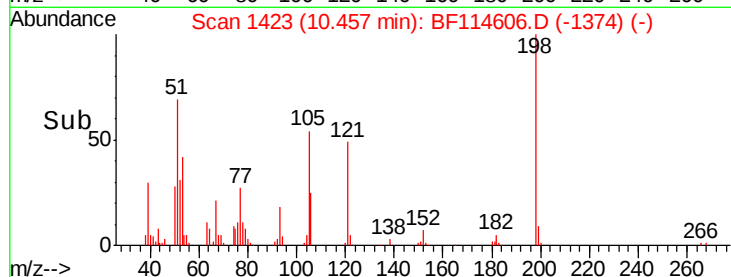
105 49.9 21.1 61.1



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: 45.715 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

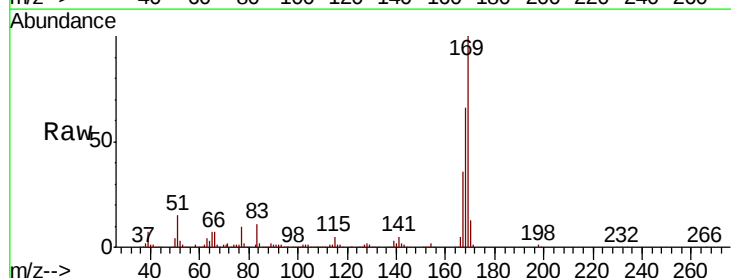
Tgt Ion:169 Resp: 670355

Ion Ratio Lower Upper

169 100

168 66.2 54.2 81.2

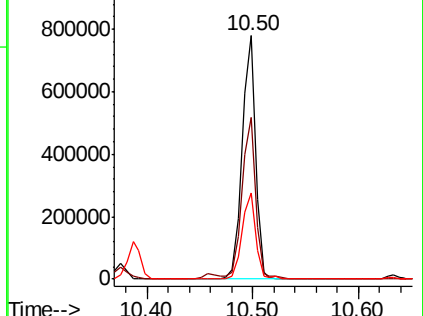
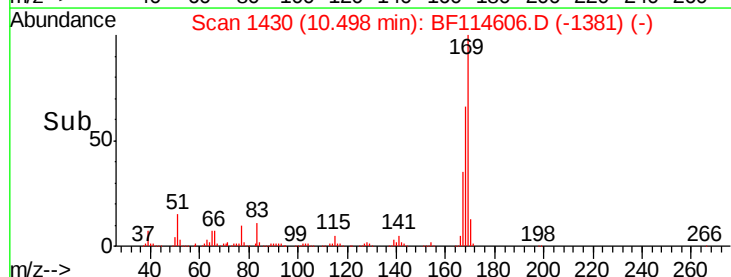
167 35.6 29.8 44.8

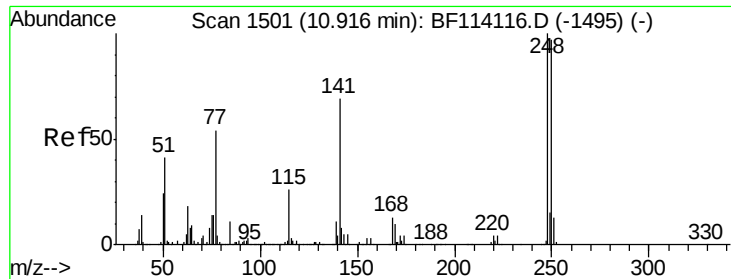


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

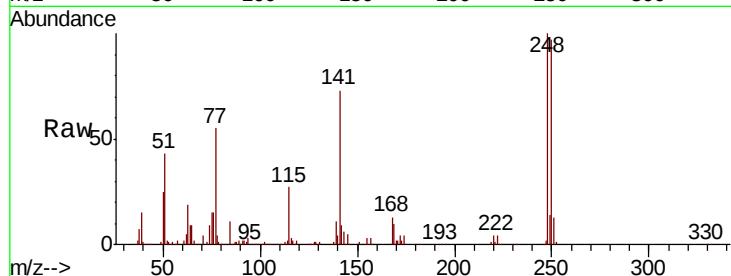




#67
4-Bromophenyl-phenylether
Concen: 43.110 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.2
141	72.9	55.6	83.4

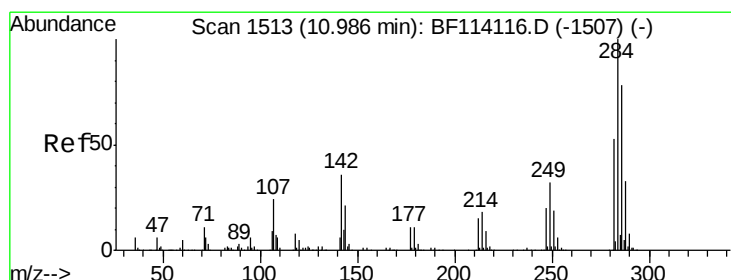
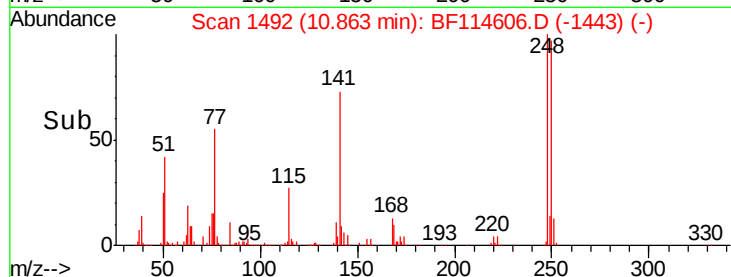
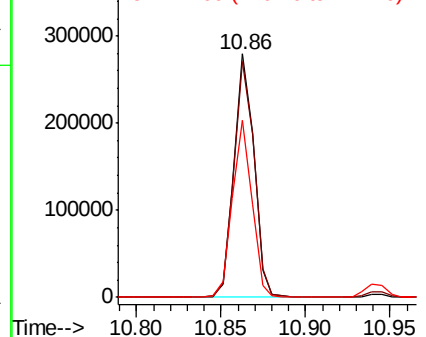


Abundance

Ion 248.00 (247.70 to 248.70): E

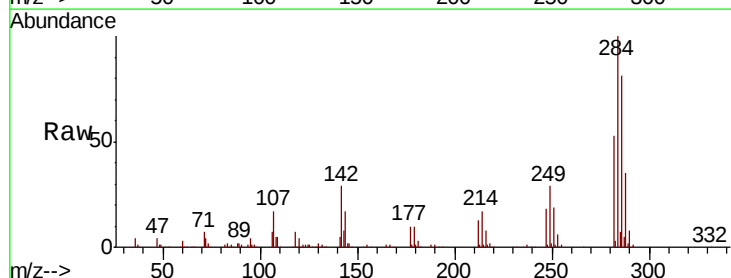
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.427 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.6	28.4	42.6
249	29.5	25.2	37.8

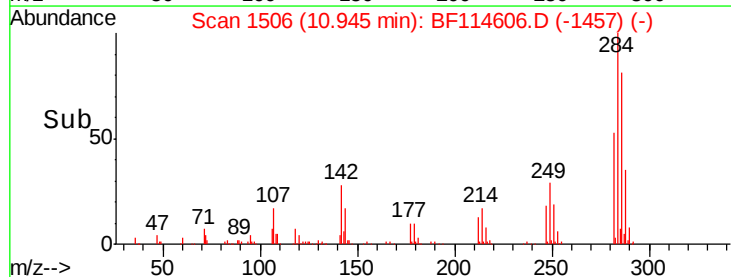
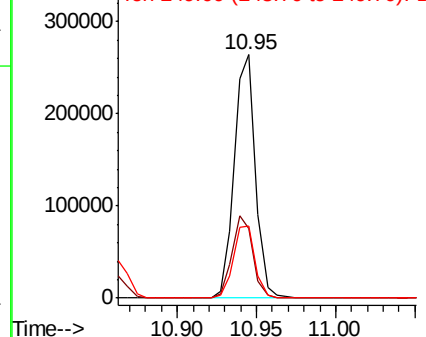


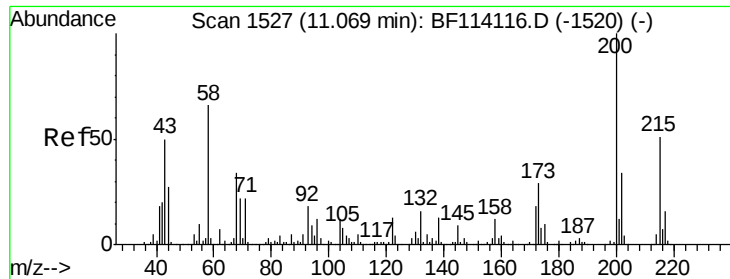
Abundance

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

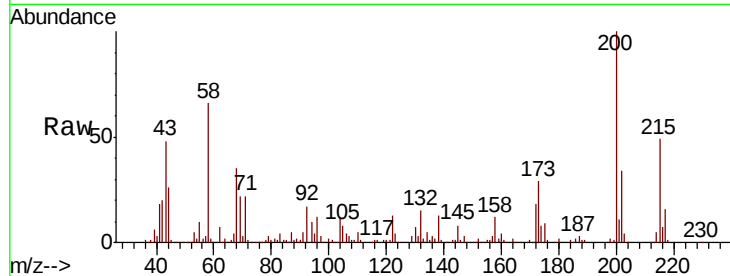




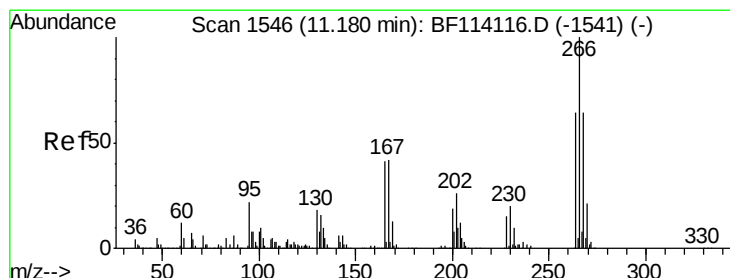
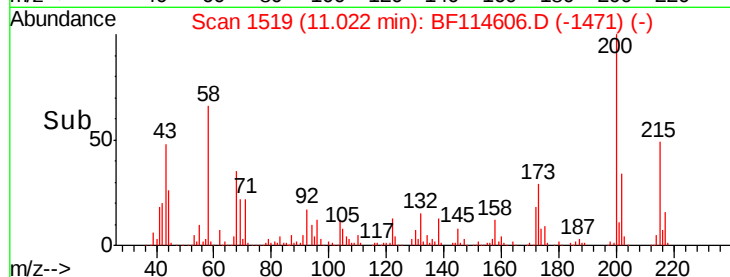
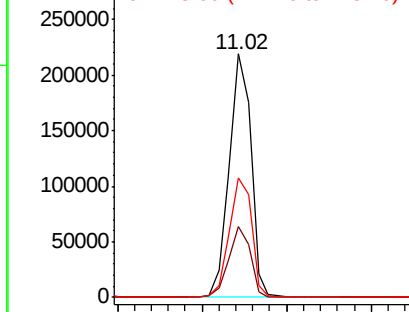
#69
 Atrazine
 Concen: 42.978 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.9	48.9
215	49.1	30.7	70.7

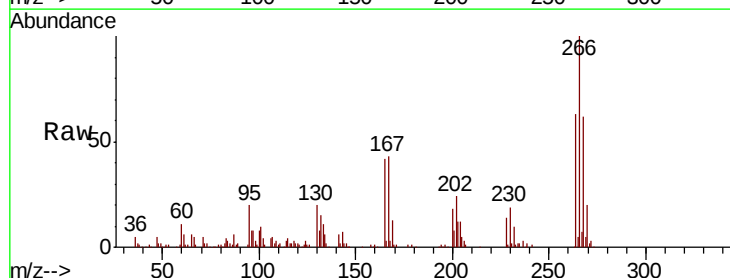


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

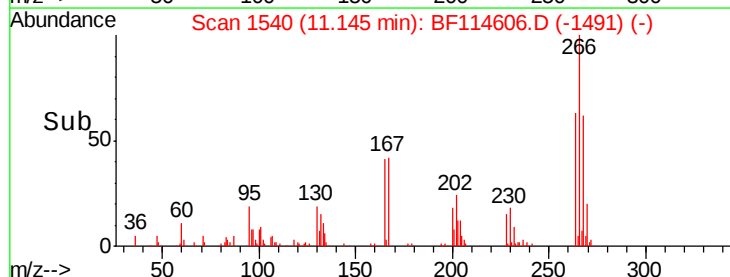
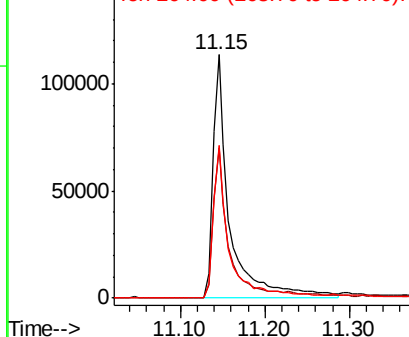


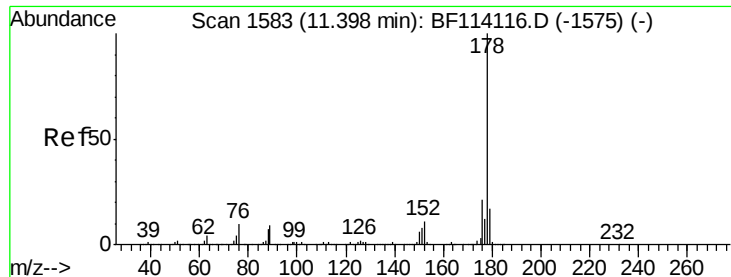
#70
 Pentachlorophenol
 Concen: 57.425 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	62.6	51.1	76.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.616 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

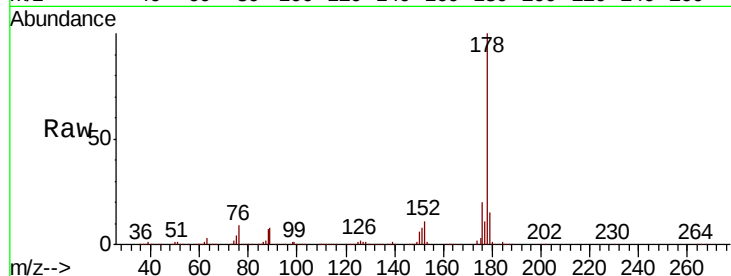
Tot Ion:178 Resp: 1072255

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

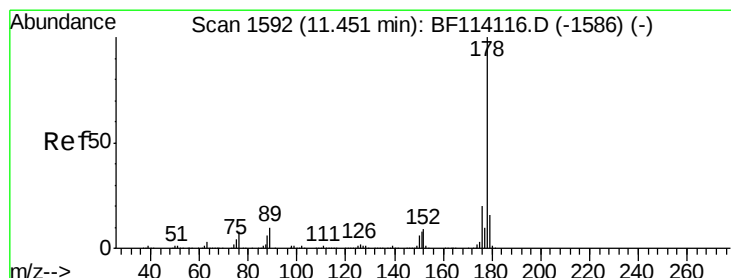
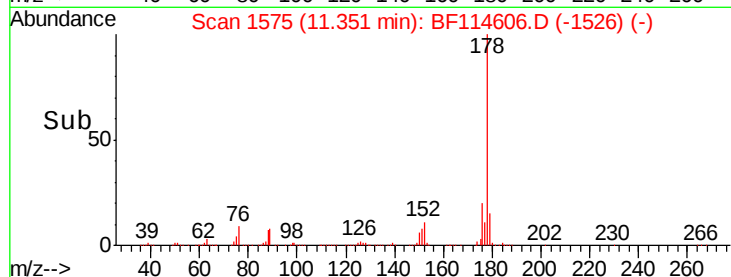
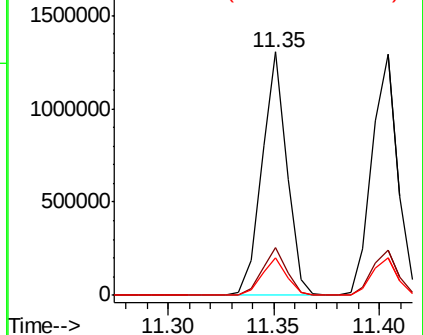
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.190 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

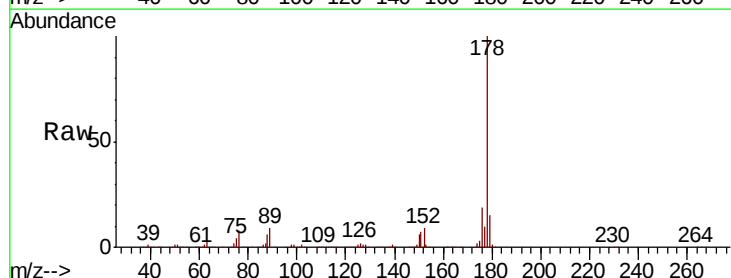
Tgt Ion:178 Resp: 1114144

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

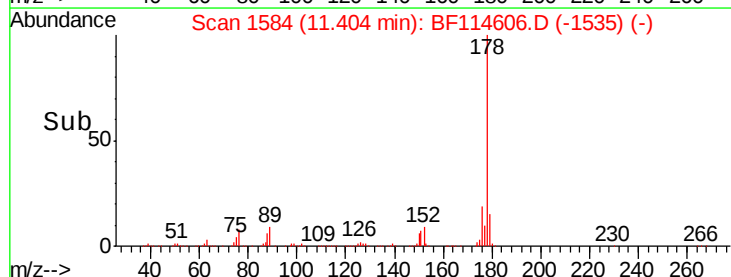
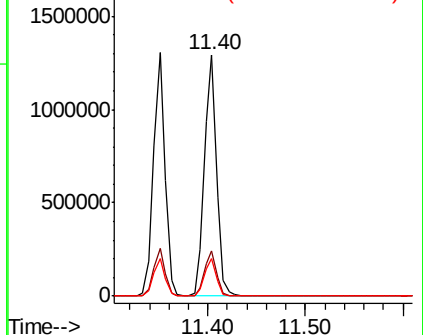
179 15.5 13.0 19.4

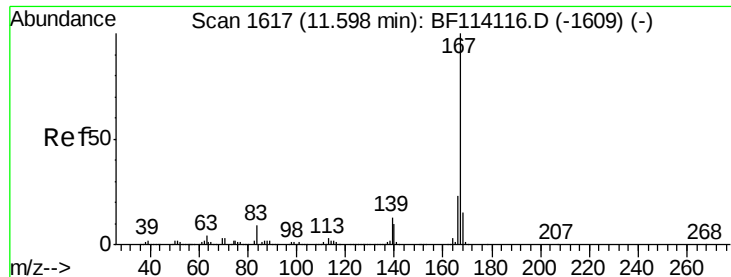


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.867 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

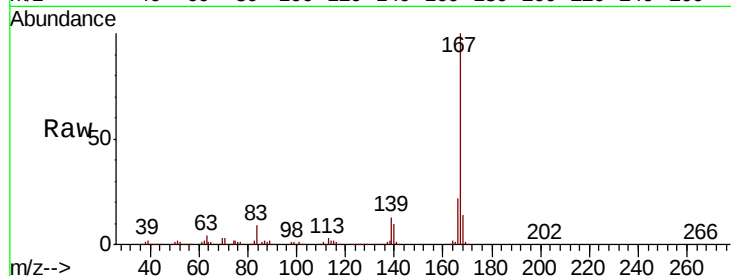
Tot Ion:167 Resp: 1032649

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

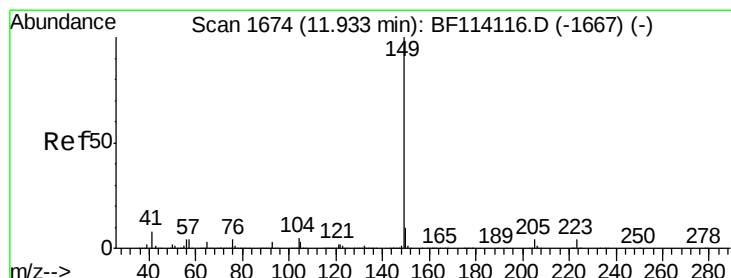
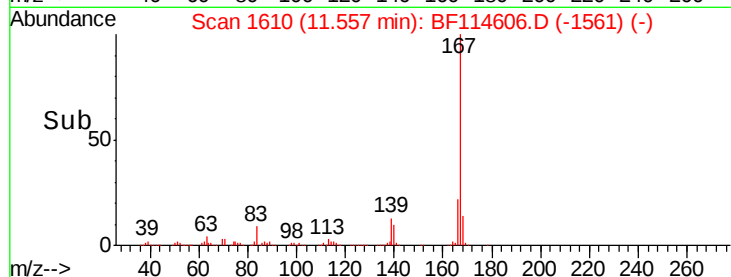
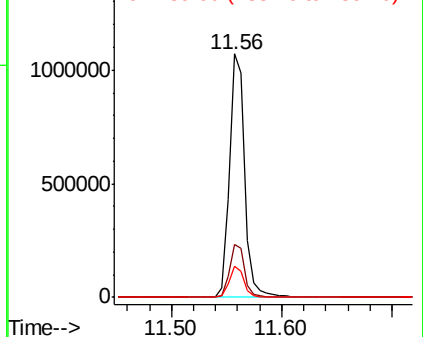
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.237 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

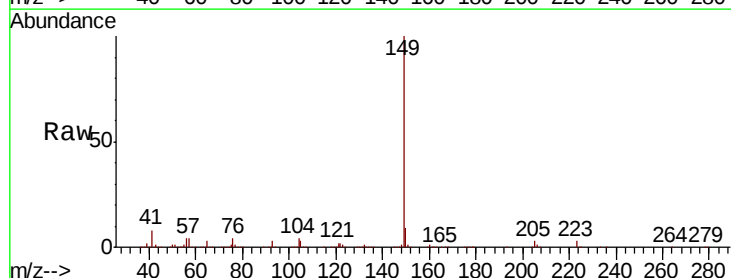
Tgt Ion:149 Resp: 1251177

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

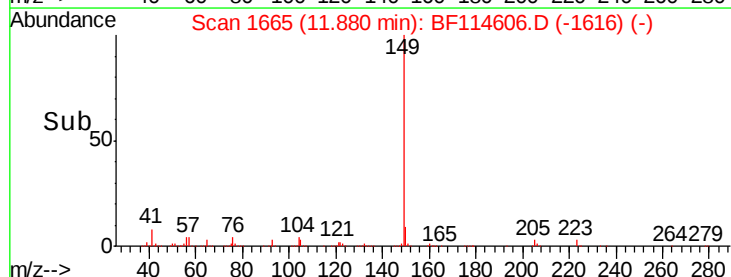
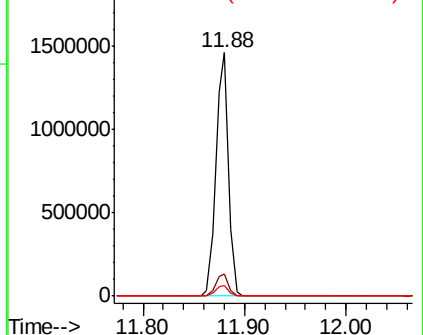
104 4.2 3.6 5.4

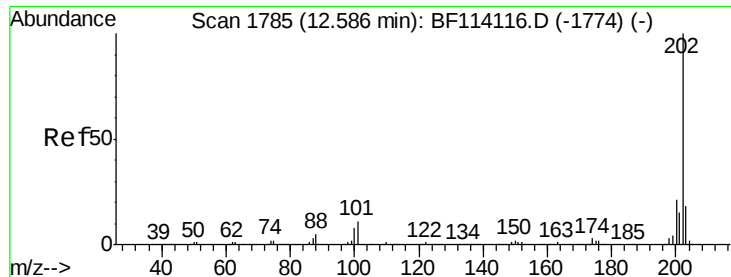


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



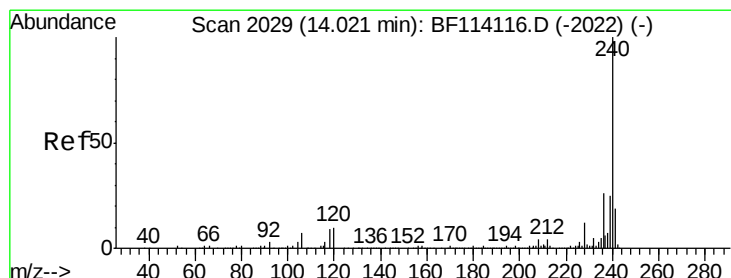
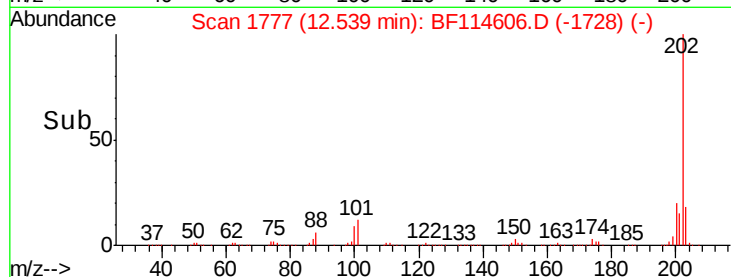
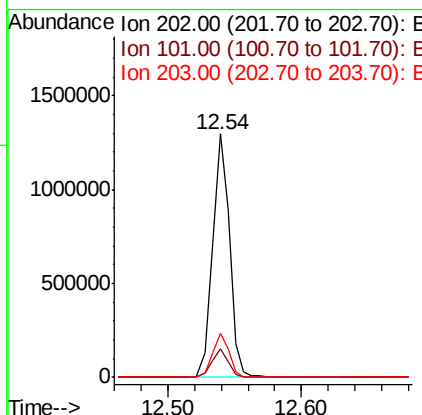
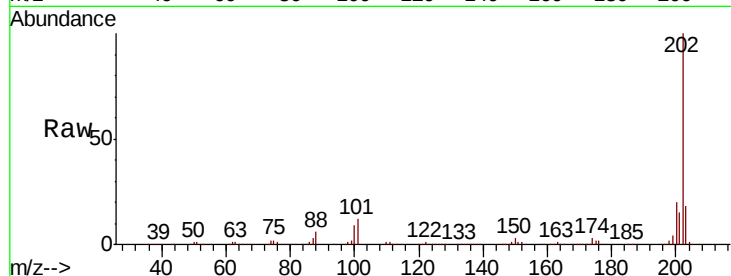


#75
 Fluoranthene
 Concen: 45.964 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1163482

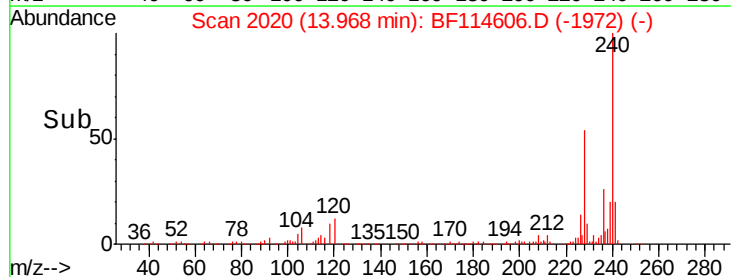
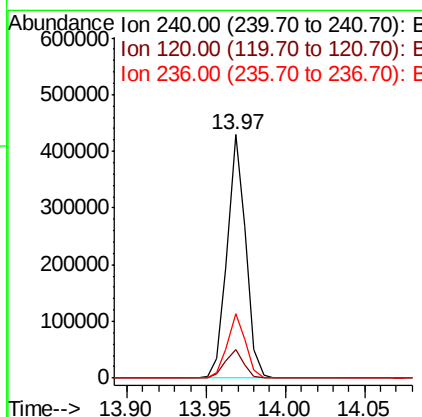
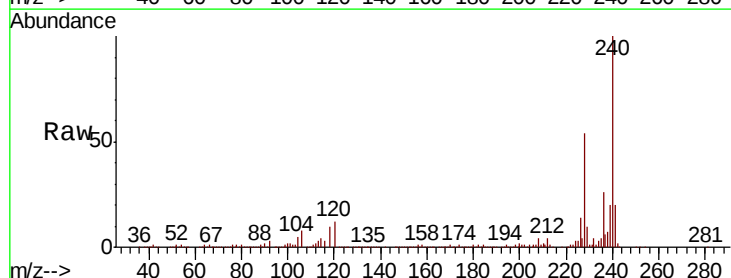
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.0
203	17.8	0.0	38.4

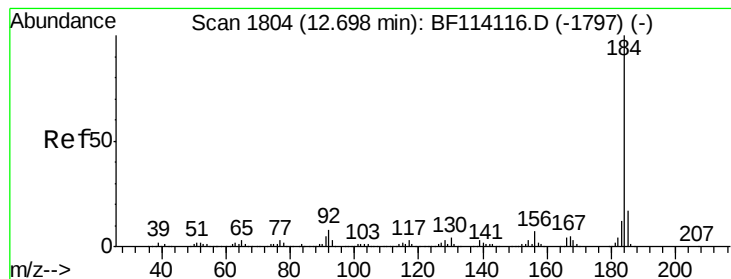


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114606.D
 Acq: 25 May 2019 16:19

Tgt Ion:240 Resp: 348079

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	26.4	20.8	31.2





#77

Benzidine

Concen: 37.402 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

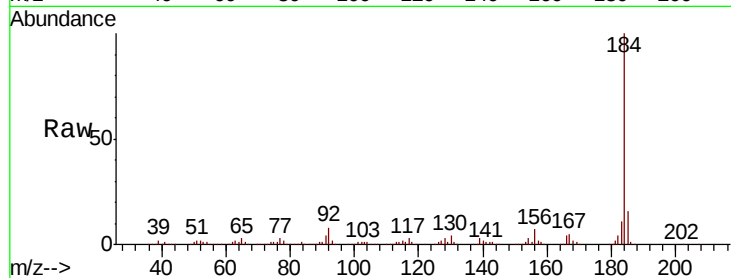
Tot Ion:184 Resp: 584397

Ion Ratio Lower Upper

184 100

185 15.6 13.6 20.4

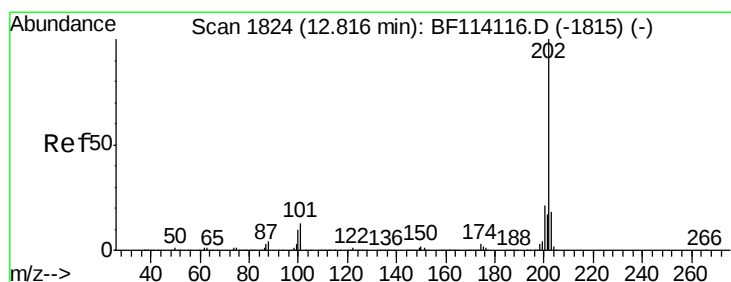
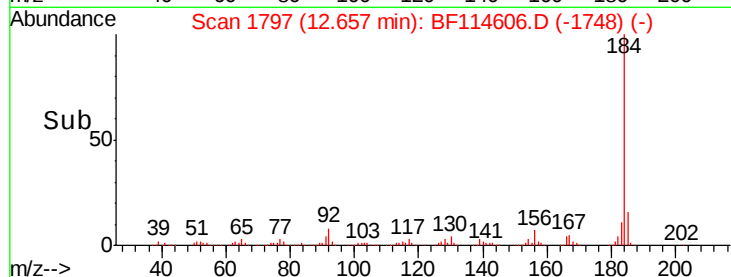
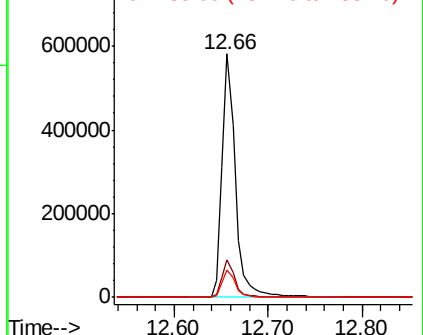
183 11.0 9.2 13.8



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: 41.871 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

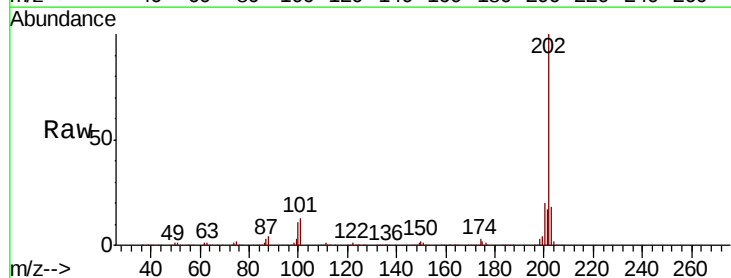
Tgt Ion:202 Resp: 1172430

Ion Ratio Lower Upper

202 100

200 20.4 16.9 25.3

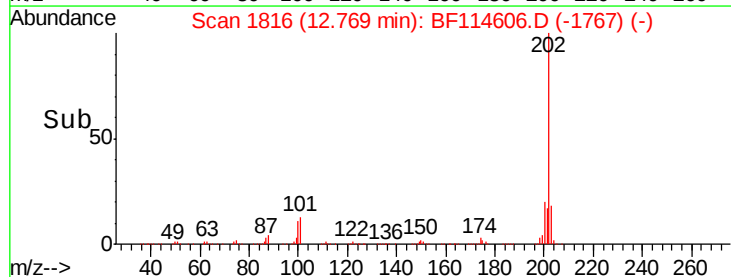
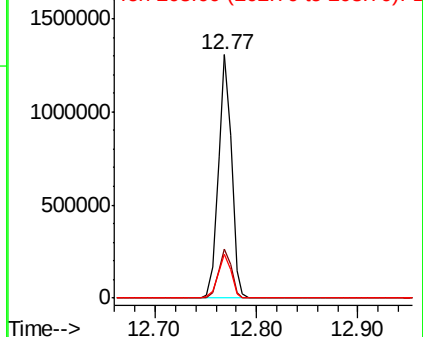
203 17.9 14.5 21.7



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: 92.825 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

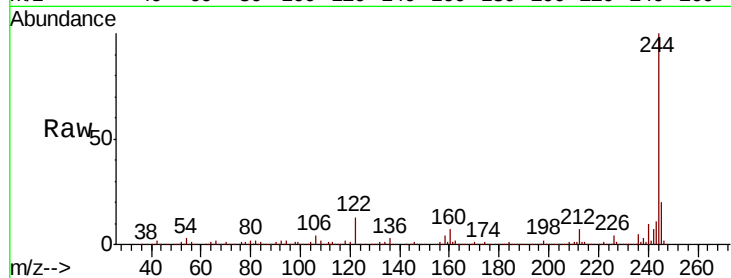
Tot Ion:244 Resp: 1567373

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

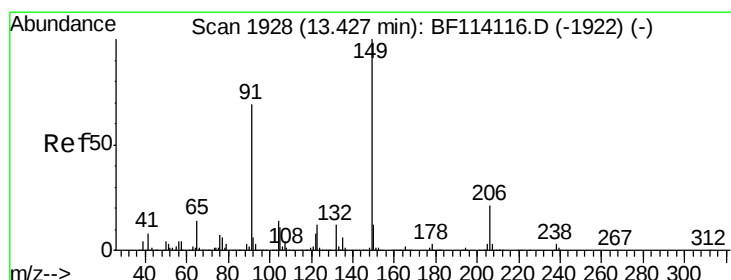
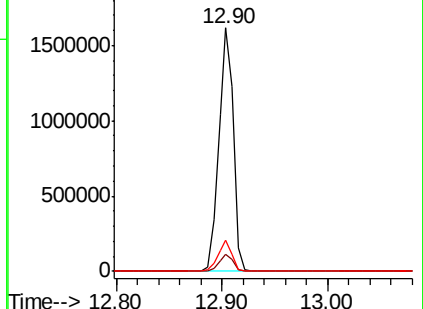
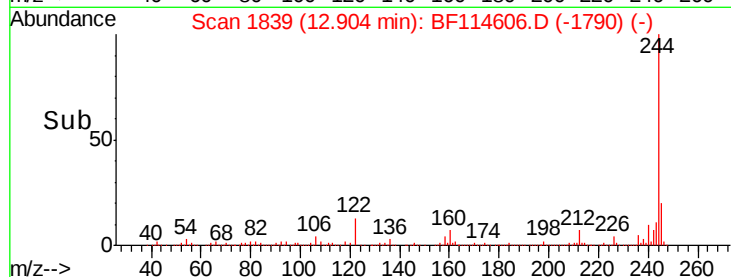
122 13.0 9.4 14.2



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: 46.683 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

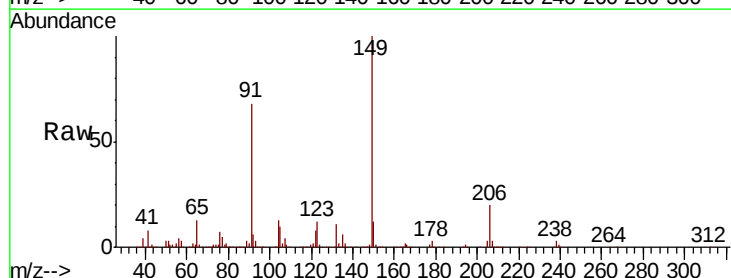
Tgt Ion:149 Resp: 550206

Ion Ratio Lower Upper

149 100

91 67.6 55.0 82.4

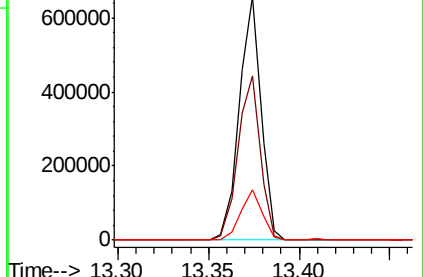
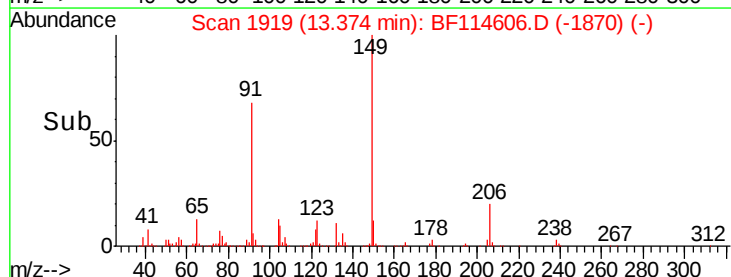
206 20.5 16.9 25.3

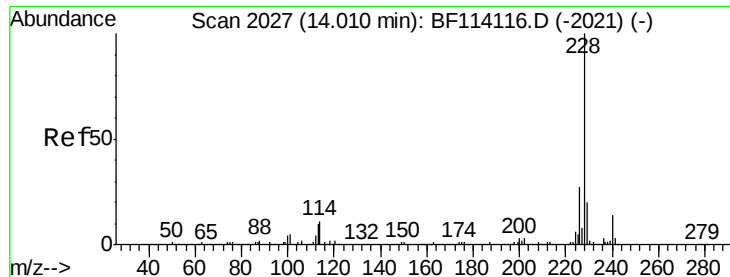


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.990 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

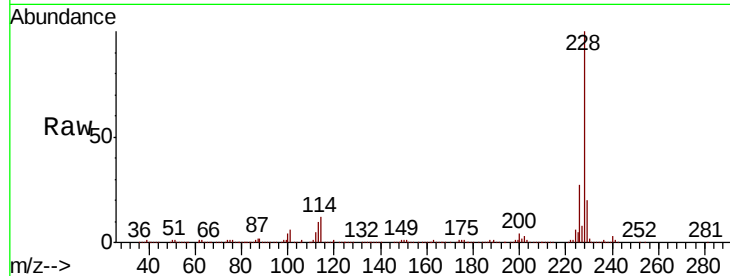
Tot Ion:228 Resp: 990366

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

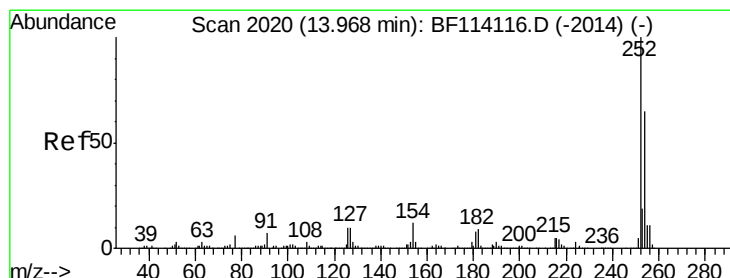
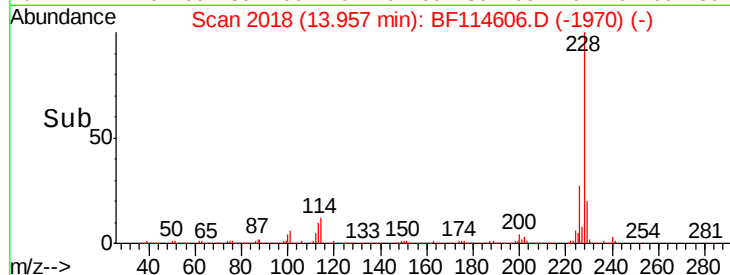
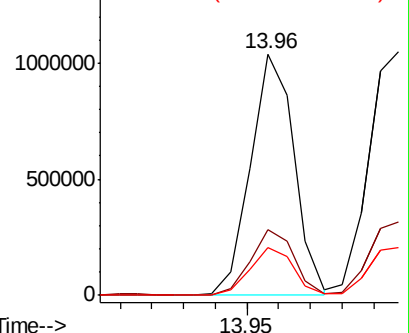
229 19.7 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 32.623 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

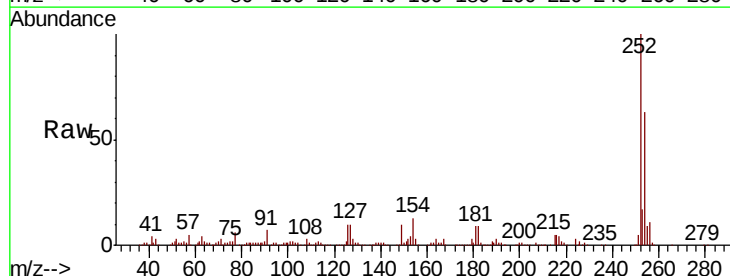
Tgt Ion:252 Resp: 284919

Ion Ratio Lower Upper

252 100

254 62.9 51.9 77.9

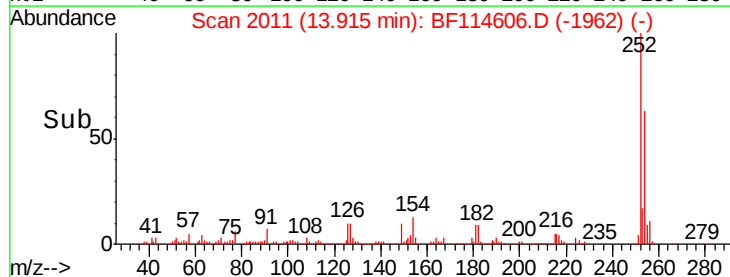
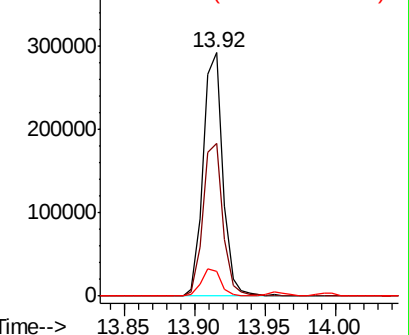
126 9.9 7.9 11.9

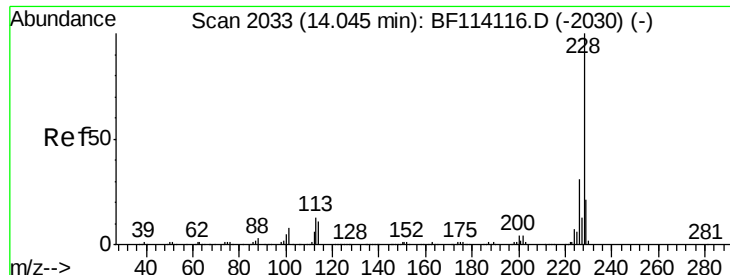


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 44.625 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

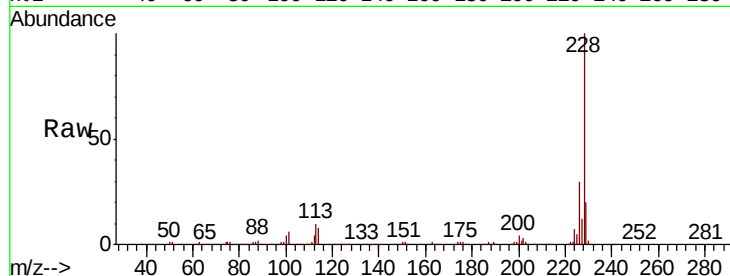
Tot Ion:228 Resp: 984863

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

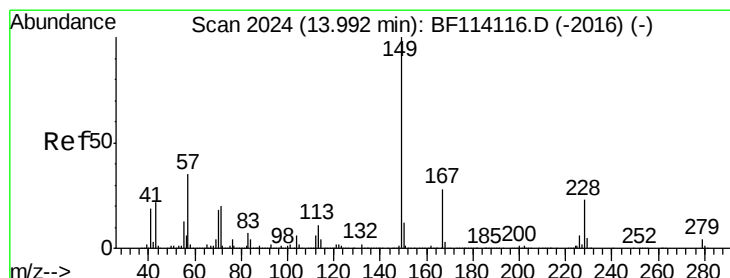
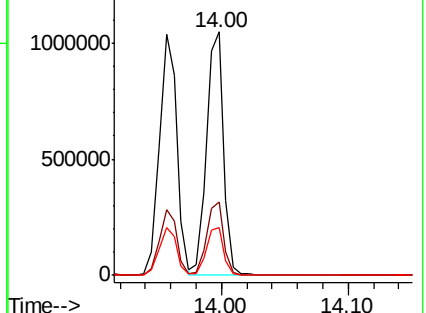
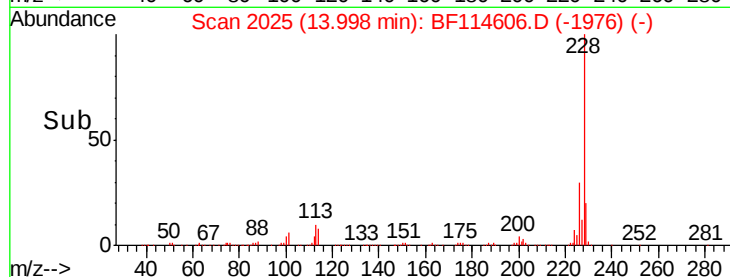
229 19.7 17.0 25.6



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: 49.974 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

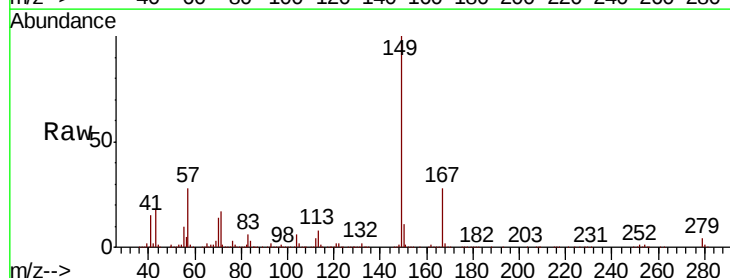
Tgt Ion:149 Resp: 770329

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

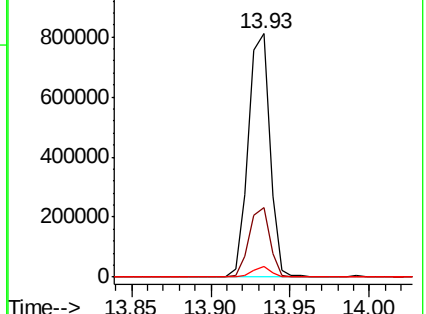
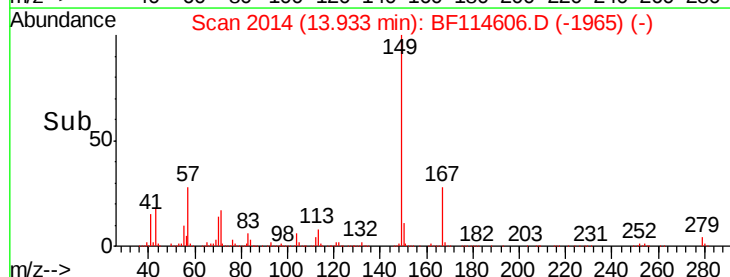
279 4.2 3.0 4.6

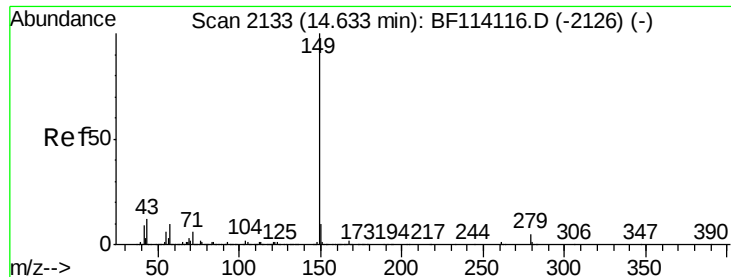


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.934 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampleId :

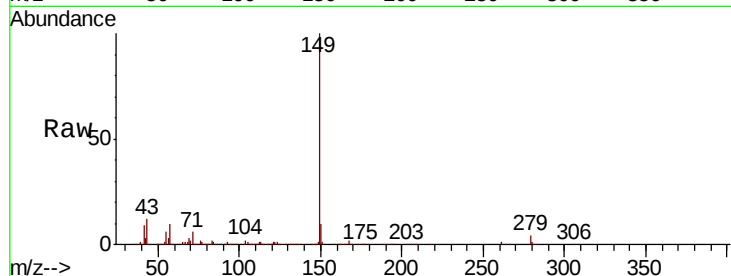
Tot Ion:149 Resp: 1297730

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

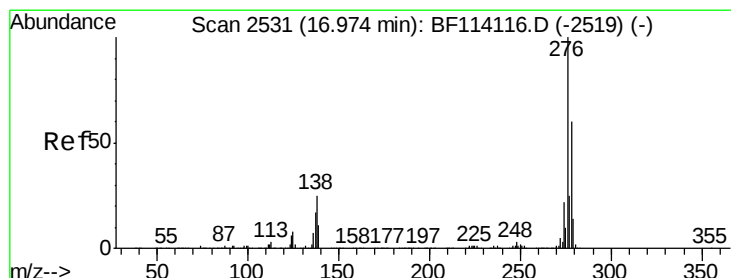
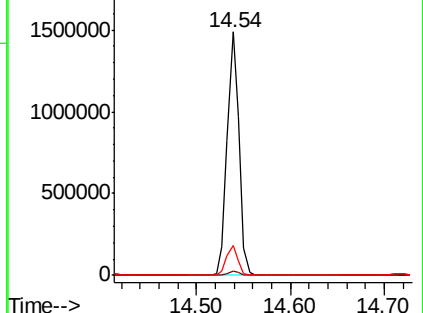
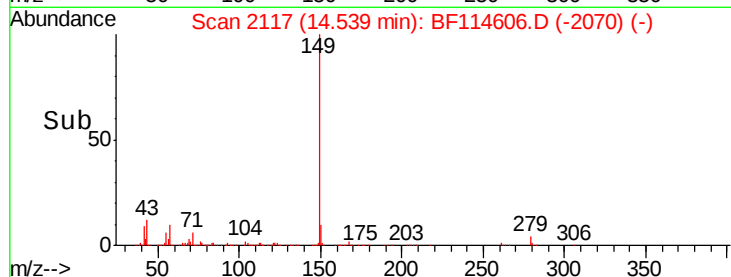
43 11.6 10.1 15.1



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: 48.511 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

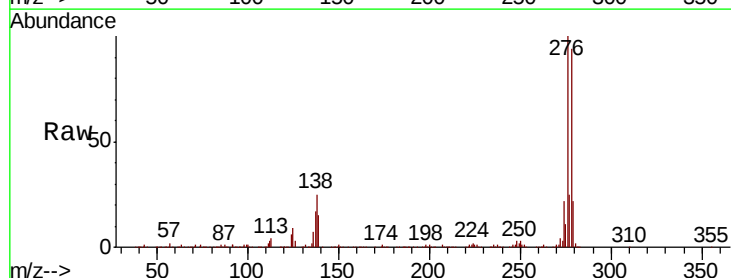
Tgt Ion:276 Resp: 946187

Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

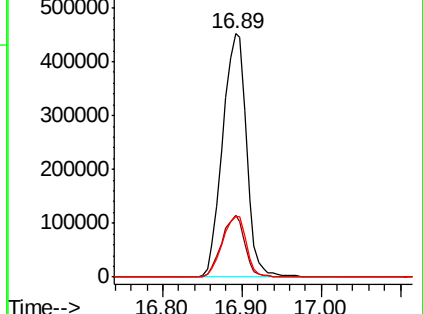
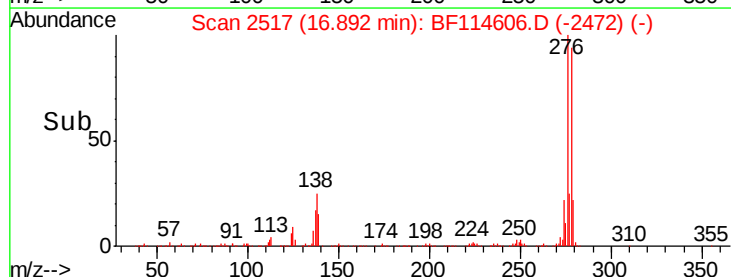
277 25.1 20.0 30.0

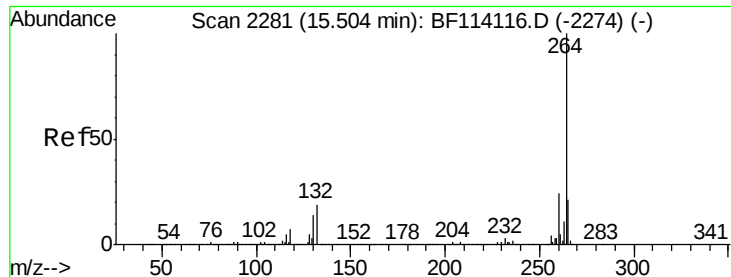


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

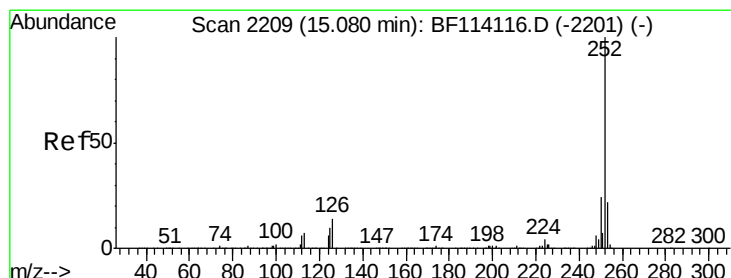
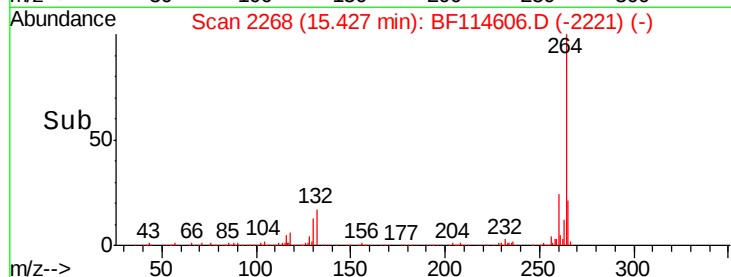
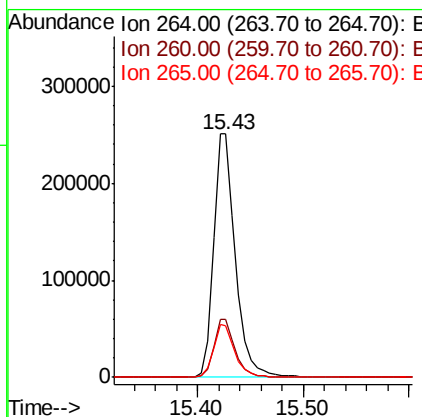
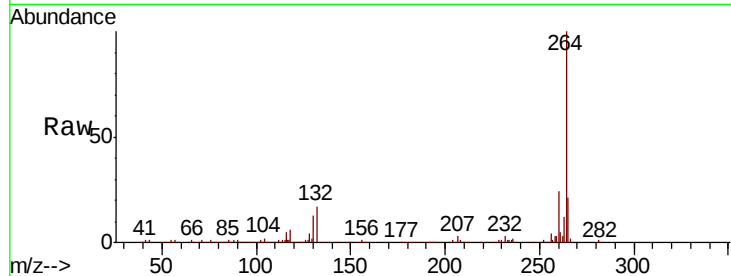




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

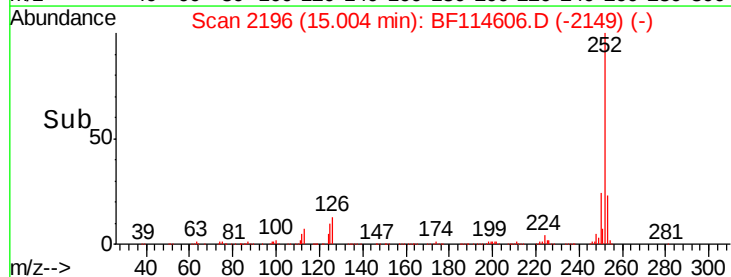
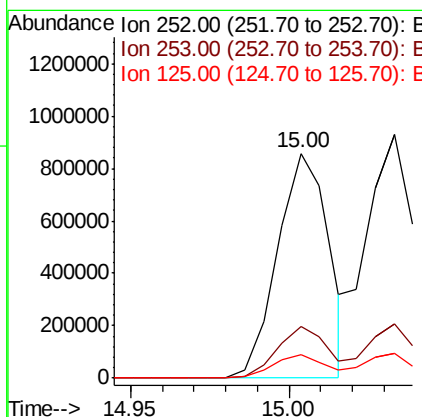
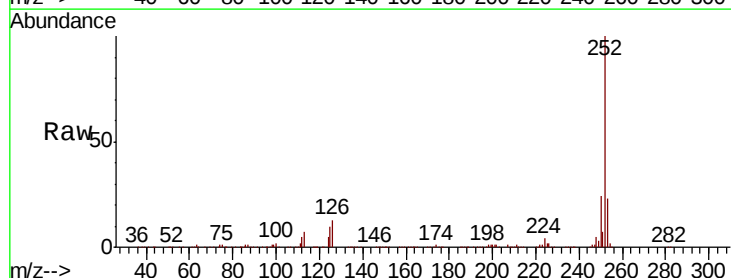
Instrument :
BNA_F
ClientSampleId :

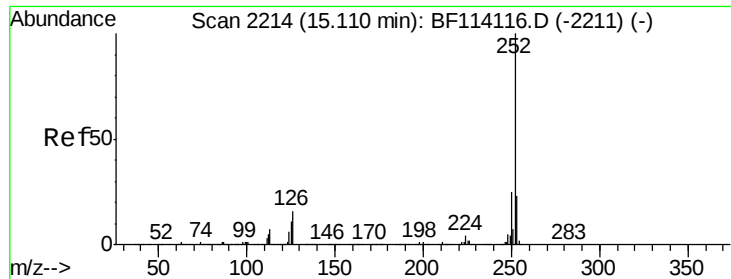
Tot Ion:264 Resp: 361570
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.0 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 41.801 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:252 Resp: 968280
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.4 8.3 12.5

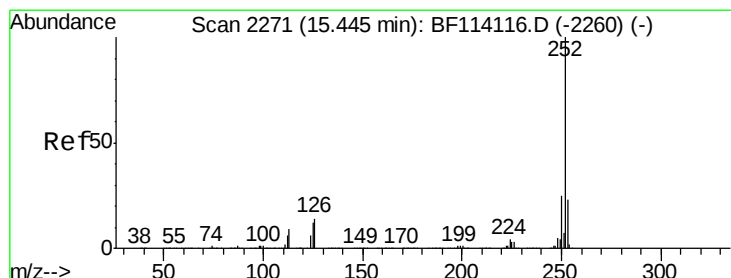
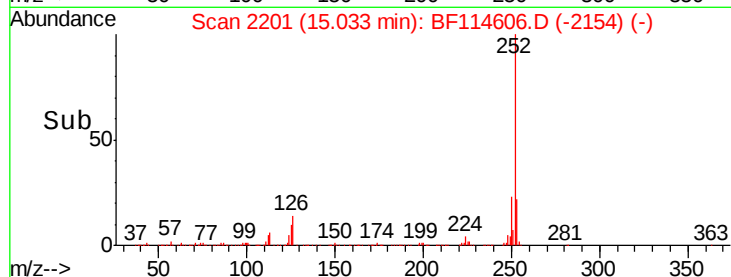
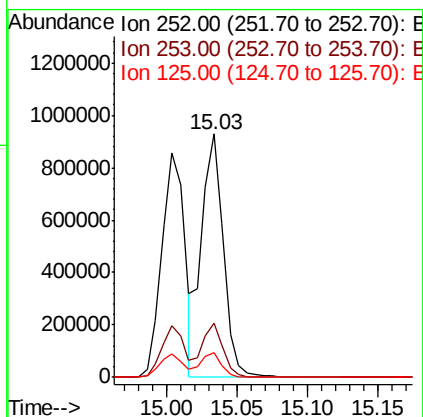
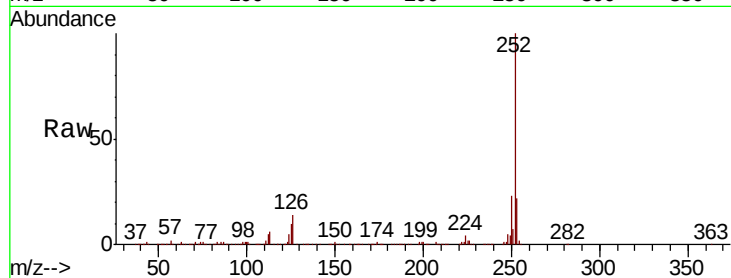




#89
Benzo(k)fluoranthene
Concen: 47.019 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

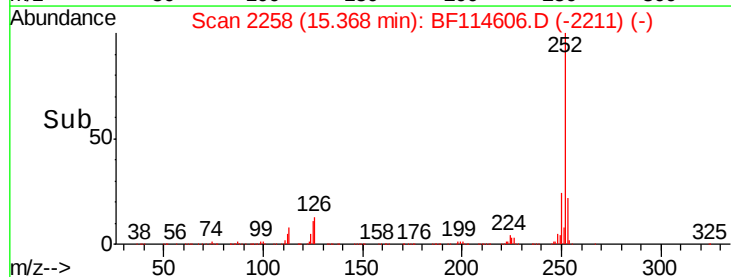
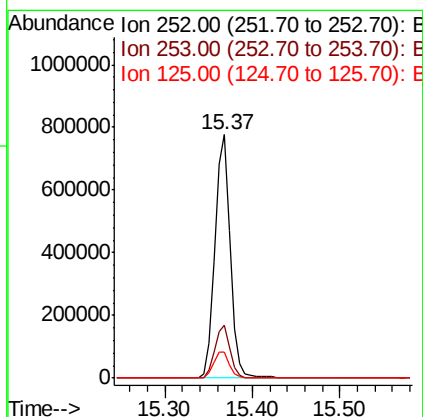
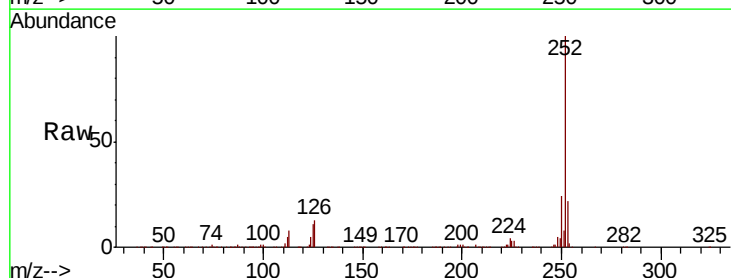
Instrument :
BNA_F
ClientSampleId :

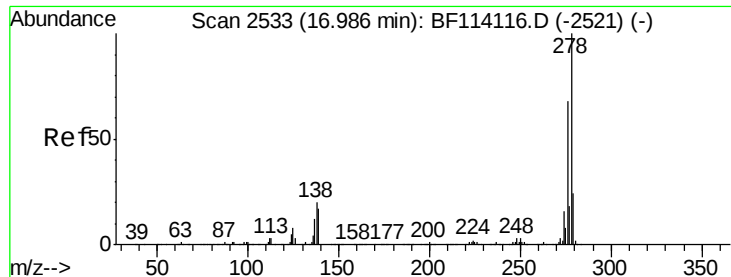
Tot Ion:252 Resp: 1000511
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 46.615 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114606.D
Acq: 25 May 2019 16:19

Tgt Ion:252 Resp: 950323
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.8 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.648 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

Instrument :

BNA_F

ClientSampled :

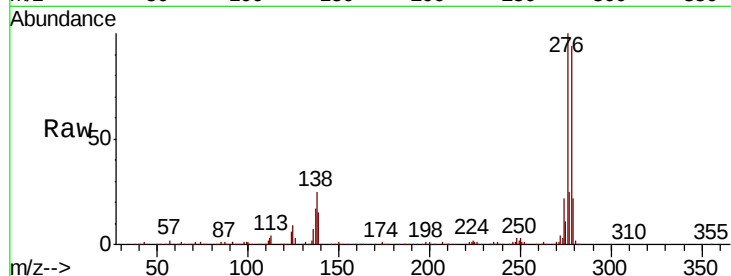
Tot Ion:278 Resp: 790224

Ion Ratio Lower Upper

278 100

139 15.8 13.5 20.3

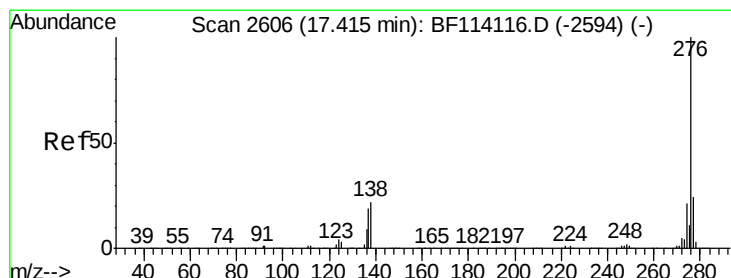
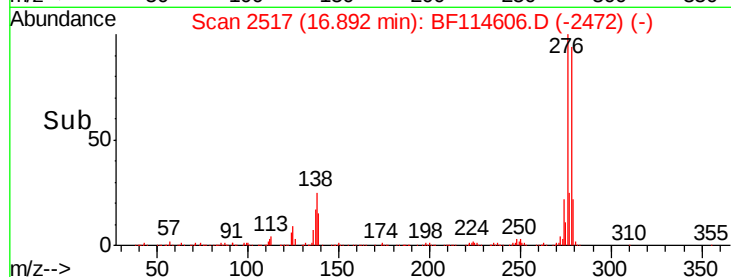
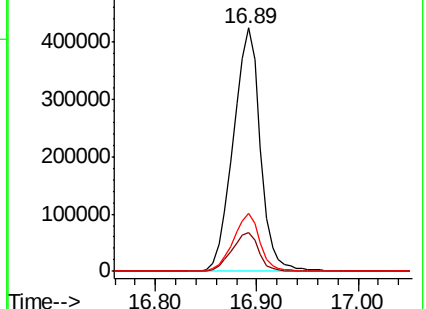
279 23.7 19.0 28.6



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: 47.024 ng

RT: 17.33 min Scan# 2591

Delta R.T. -0.04 min

Lab File: BF114606.D

Acq: 25 May 2019 16:19

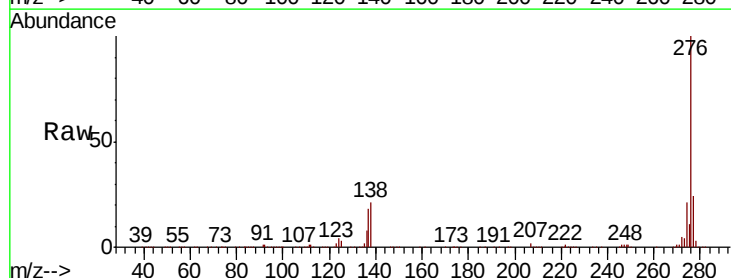
Tgt Ion:276 Resp: 798314

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.0 17.8 26.6



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

