

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116620.D
 Acq On : 28 Aug 2019 17:42
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:03:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118563	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	485304	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	297046	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	522180	20.00	ng	0.00
76) Chrysene-d12	14.01	240	343447	20.00	ng	0.00
87) Perylene-d12	15.46	264	288019	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	596195	86.85	ng	0.00
7) Phenol-d6	6.49	99	753272	80.94	ng	0.00
23) Nitrobenzene-d5	7.43	82	718809	84.75	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	234461	82.94	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1282238	71.84	ng	0.00
79) Terphenyl-d14	12.96	244	1553832	73.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	132133	41.379	ng	98
3) Pyridine	3.38	79	385436	42.820	ng	100
4) n-Nitrosodimethylamine	3.33	42	144920	43.233	ng	97
6) Aniline	6.53	93	511945	40.836	ng	100
8) 2-Chlorophenol	6.65	128	318593	41.186	ng	97
9) Benzaldehyde	6.41	77	238421	44.096	ng	94
10) Phenol	6.50	94	426305	41.761	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	310391	40.913	ng	99
12) 1,3-Dichlorobenzene	6.81	146	363708	39.691	ng	99
13) 1,4-Dichlorobenzene	6.88	146	367896	40.181	ng	99
14) 1,2-Dichlorobenzene	7.04	146	346394	40.032	ng	99
15) Benzyl Alcohol	7.00	79	299146	41.320	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	411818	40.021	ng	99
17) 2-Methylphenol	7.11	107	276066	39.855	ng	98
18) Hexachloroethane	7.38	117	137446	40.656	ng	89
19) n-Nitroso-di-n-propylamine	7.28	70	239994	40.552	ng	99
20) 3+4-Methylphenols	7.26	107	342356	40.686	ng	# 88
22) Acetophenone	7.27	105	473881	41.575	ng	# 97
24) Nitrobenzene	7.45	77	362283	42.124	ng	99
25) Isophorone	7.69	82	644184	41.722	ng	100
26) 2-Nitrophenol	7.76	139	171811	41.568	ng	98
27) 2,4-Dimethylphenol	7.80	122	255788	39.521	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	401999	40.084	ng	99
29) 2,4-Dichlorophenol	8.00	162	267604	39.561	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	313389	40.329	ng	99
31) Naphthalene	8.17	128	957346	41.182	ng	100
32) Benzoic acid	7.91	122	228316	41.279	ng	98
33) 4-Chloroaniline	8.21	127	420690	41.060	ng	98
34) Hexachlorobutadiene	8.29	225	174700	40.351	ng	99
35) Caprolactam	8.58	113	86667	42.909	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	290126	42.578	ng	98
37) 2-Methylnaphthalene	8.86	142	626775	43.172	ng	96
38) 1-Methylnaphthalene	8.96	142	595481	41.999	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	286839	35.196	ng	100

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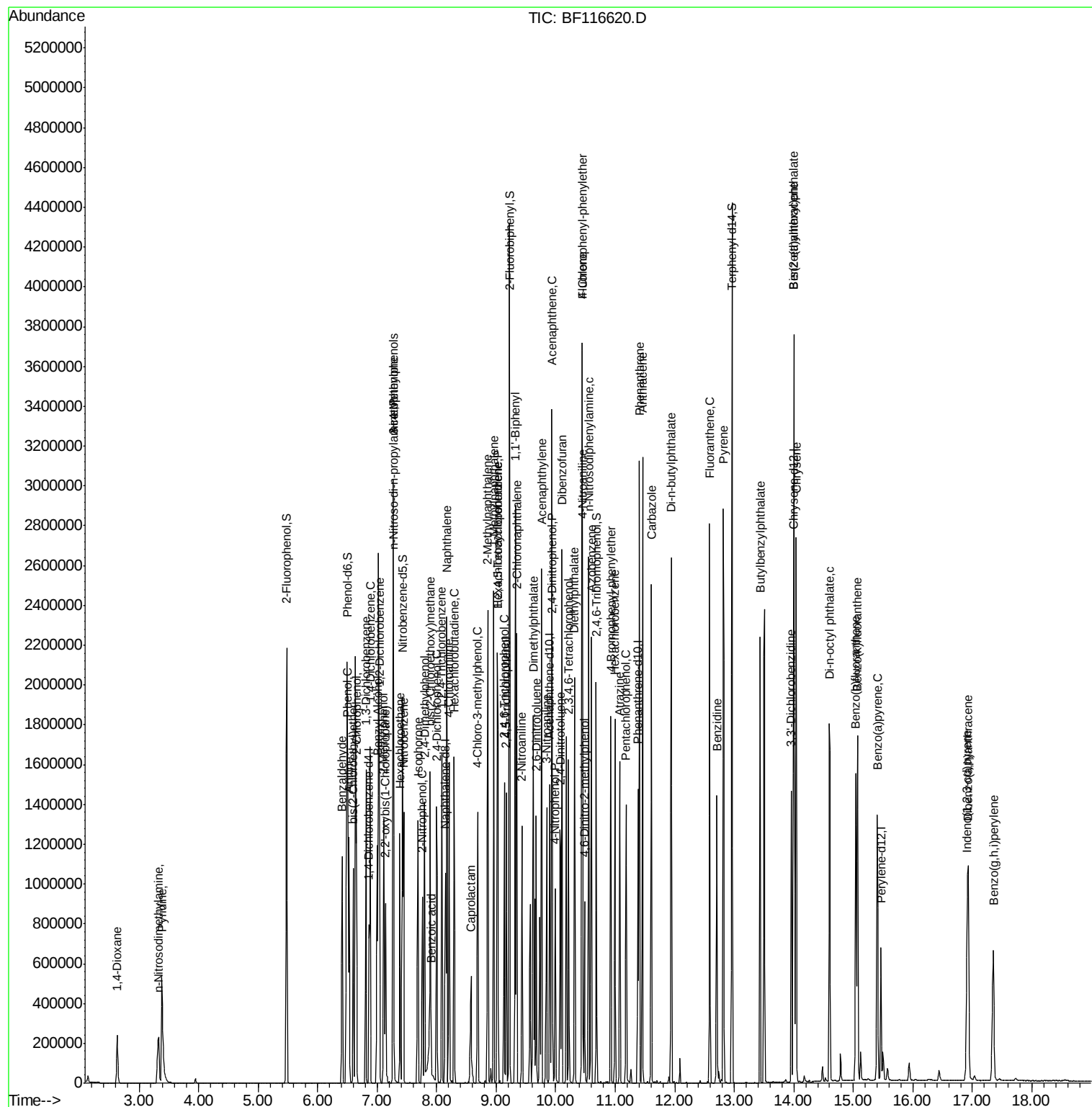
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	158637	33.614	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	202131	35.315	ng	96
44) 2,4,5-Trichlorophenol	9.17	196	198621	34.502	ng	94
46) 1,1'-Biphenyl	9.32	154	813793	36.090	ng	98
47) 2-Chloronaphthalene	9.35	162	638279	36.311	ng	97
48) 2-Nitroaniline	9.43	65	206224	37.094	ng	90
49) Acenaphthylene	9.76	152	1049630	40.654	ng	99
50) Dimethylphthalate	9.62	163	726488	36.379	ng	100
51) 2,6-Dinitrotoluene	9.67	165	169986	38.601	ng	# 88
52) Acenaphthene	9.93	154	708677	40.538	ng	96
53) 3-Nitroaniline	9.85	138	216584	41.190	ng	99
54) 2,4-Dinitrophenol	9.95	184	90552	41.499	ng	# 45
55) Dibenzofuran	10.10	168	961017	40.822	ng	99
56) 4-Nitrophenol	9.99	139	169708	42.456	ng	91
57) 2,4-Dinitrotoluene	10.08	165	245604	42.268	ng	92
58) Fluorene	10.45	166	728714	40.786	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	200817	42.379	ng	99
60) Diethylphthalate	10.32	149	791104	40.584	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	364692	40.717	ng	97
62) 4-Nitroaniline	10.46	138	215954	42.213	ng	99
63) Azobenzene	10.60	77	779423	39.609	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	116725	41.902	ng	93
66) n-Nitrosodiphenylamine	10.55	169	664547	40.203	ng	98
67) 4-Bromophenyl-phenylether	10.93	248	220673	39.841	ng	96
68) Hexachlorobenzene	11.00	284	248184	40.247	ng	96
69) Atrazine	11.07	200	202187	41.310	ng	98
70) Pentachlorophenol	11.18	266	156399	41.278	ng	98
71) Phenanthrene	11.40	178	1120473	39.949	ng	100
72) Anthracene	11.46	178	1134815	40.465	ng	100
73) Carbazole	11.60	167	1013817	42.475	ng	100
74) Di-n-butylphthalate	11.94	149	1212319	43.829	ng	100
75) Fluoranthene	12.59	202	1140056	45.323	ng	96
77) Benzidine	12.70	184	522099	42.022	ng	98
78) Pyrene	12.82	202	1153359	36.520	ng	99
80) Butylbenzylphthalate	13.43	149	485524	39.679	ng	98
81) Benzo(a)anthracene	14.00	228	899683	39.291	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	320629	43.030	ng	99
83) Chrysene	14.04	228	896059	39.973	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	595423	41.496	ng	100
85) Di-n-octyl phthalate	14.60	149	913974	43.670	ng	99
86) Indeno(1,2,3-cd)pyrene	16.91	276	656500	35.762	ng	99
88) Benzo(b)fluoranthene	15.04	252	773357	43.724	ng	99
89) Benzo(k)fluoranthene	15.07	252	663408	39.459	ng	97
90) Benzo(a)pyrene	15.40	252	634054	40.166	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	539385	36.620	ng	99
92) Benzo(g,h,i)perylene	17.35	276	526271	34.361	ng	98

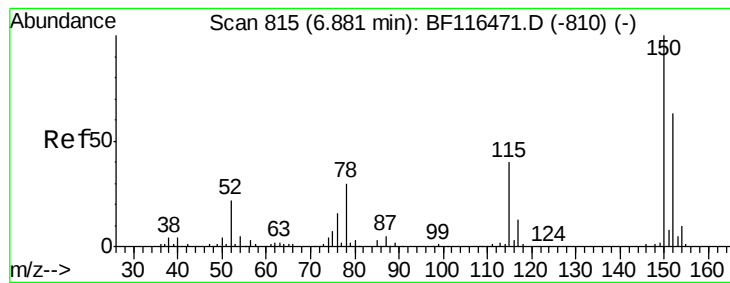
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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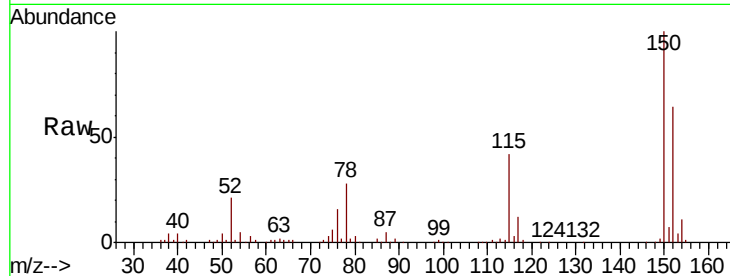


#1

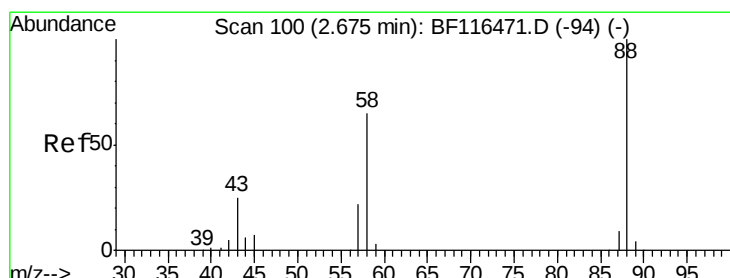
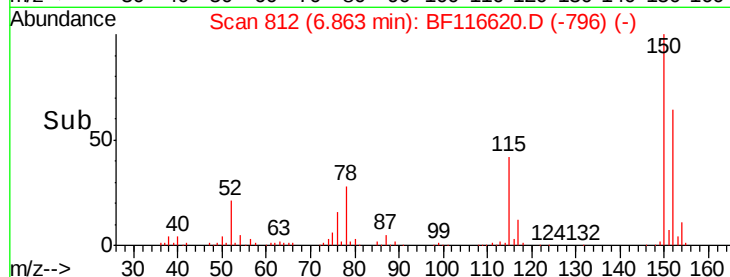
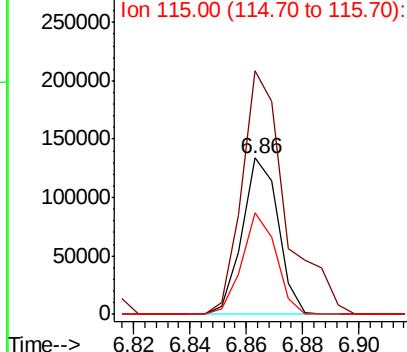
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 118563
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.4 185.2
 115 65.0 48.2 72.2



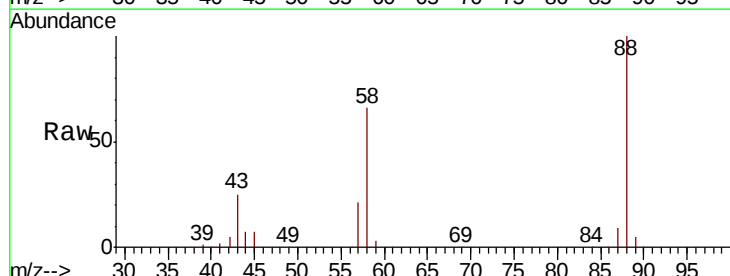
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



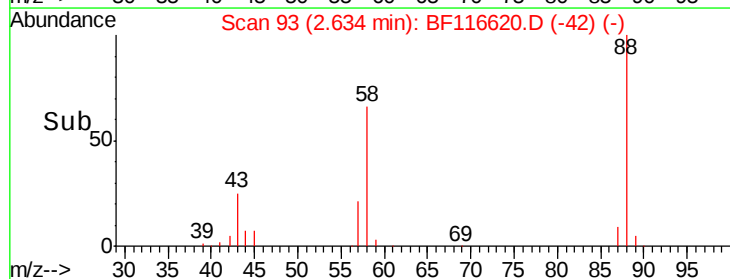
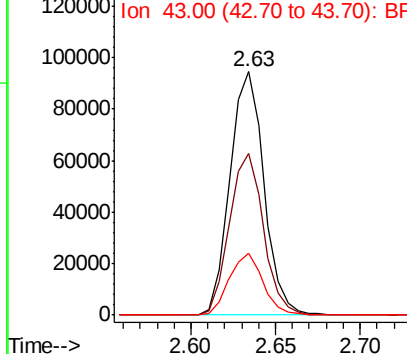
#2

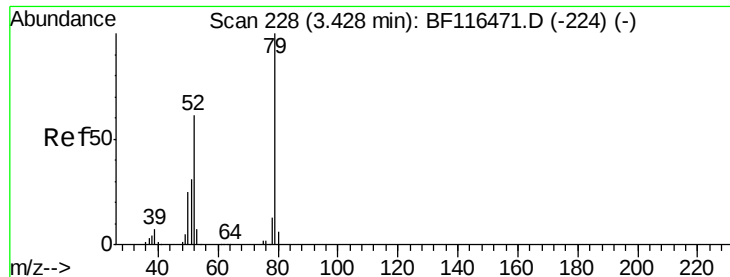
1,4-Dioxane
 Concen: 41.379 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion: 88 Resp: 132133
 Ion Ratio Lower Upper
 88 100
 58 66.5 51.8 77.8
 43 25.2 20.2 30.2



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: 42.820 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

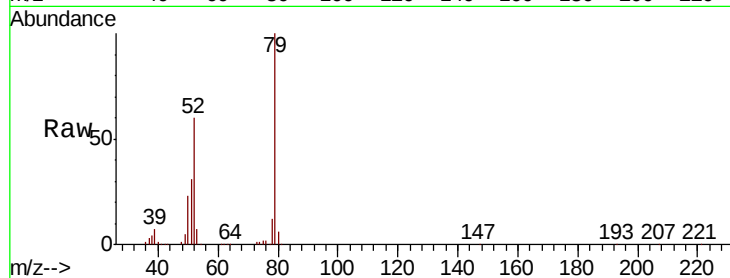
Tot Ion: 79 Resp: 385436

Ion Ratio Lower Upper

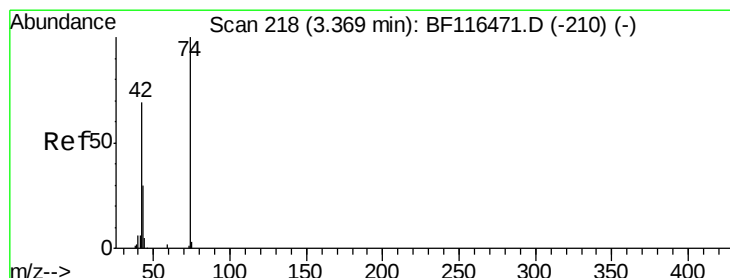
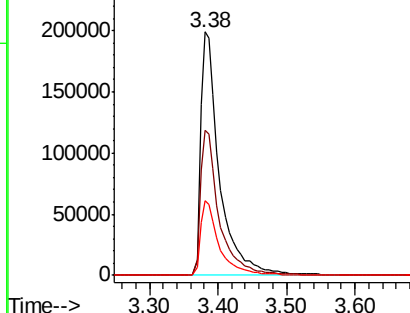
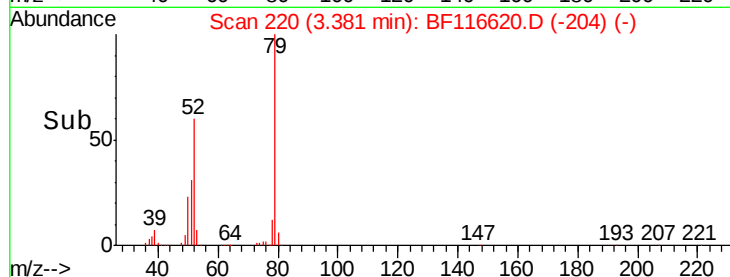
79 100

52 59.7 47.9 71.9

51 30.9 24.4 36.6



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: 43.233 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

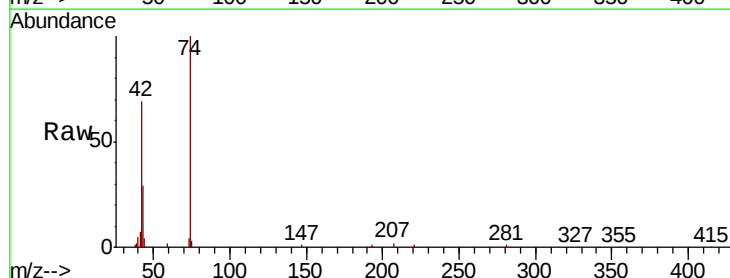
Tgt Ion: 42 Resp: 144920

Ion Ratio Lower Upper

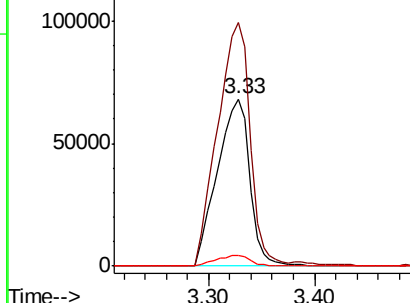
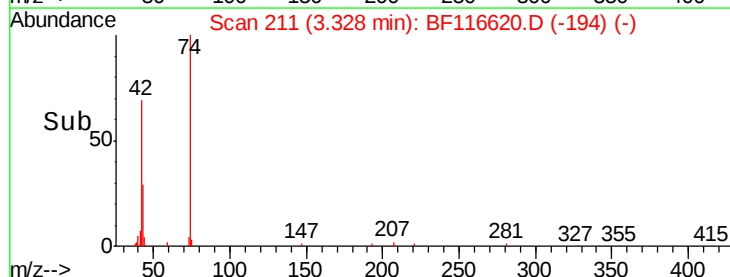
42 100

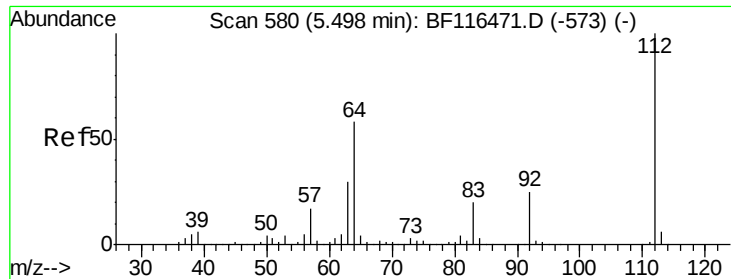
74 145.7 120.0 180.0

44 6.3 5.4 8.2



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: 86.854 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

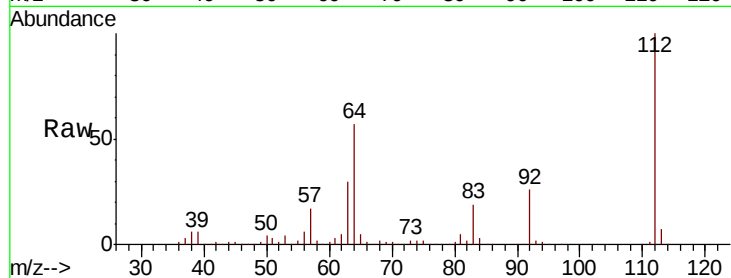
Tot Ion: 112 Resp: 596195

Ion Ratio Lower Upper

112 100

64 57.5 48.0 72.0

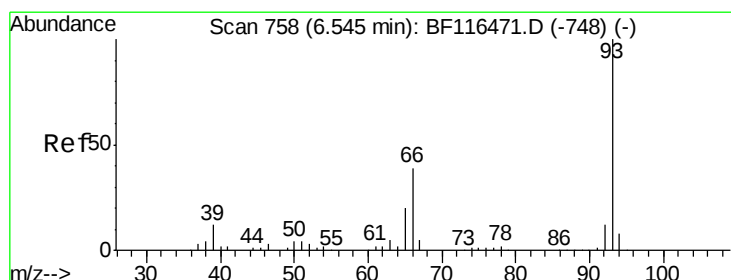
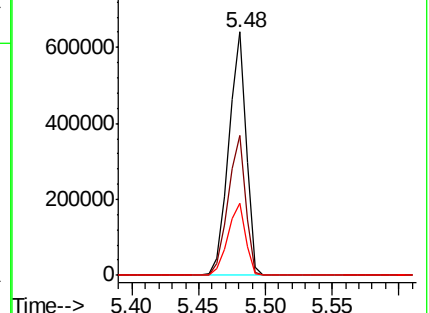
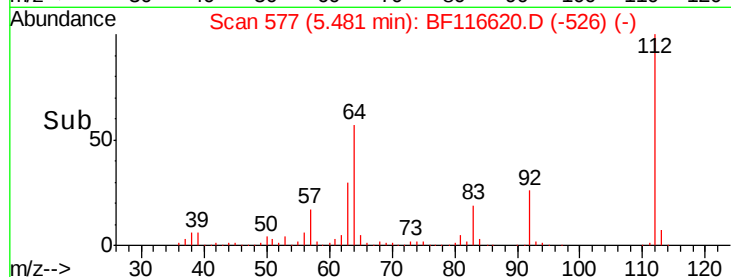
63 29.7 24.6 36.8



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: 40.836 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF116620.D

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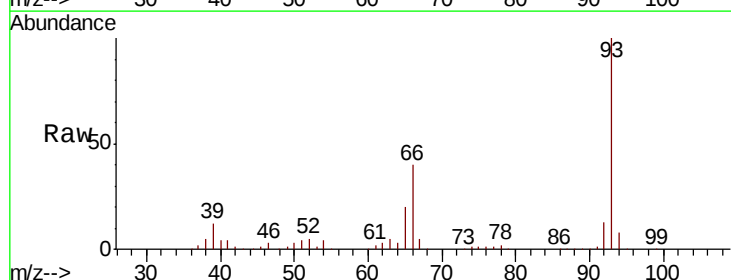
Tgt Ion: 93 Resp: 511945

Ion Ratio Lower Upper

93 100

66 40.0 32.1 48.1

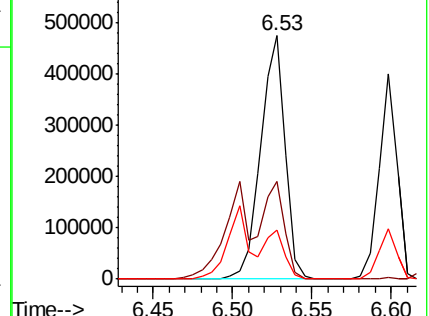
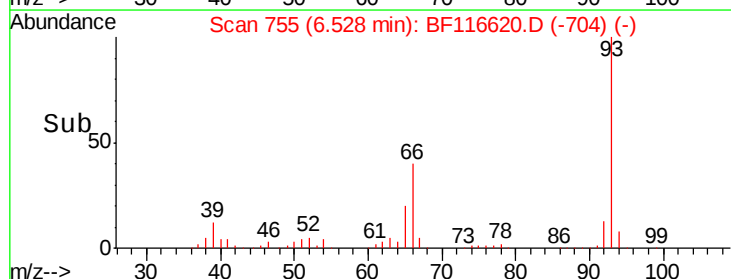
65 19.9 16.2 24.4

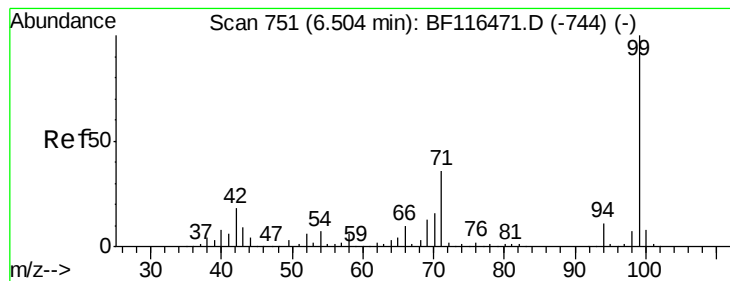


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.942 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116620.D

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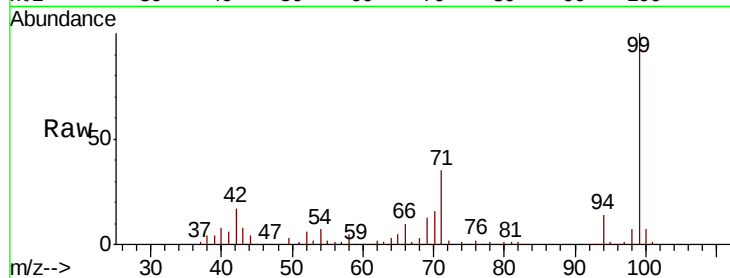
Tot Ion: 99 Resp: 753272

Ion Ratio Lower Upper

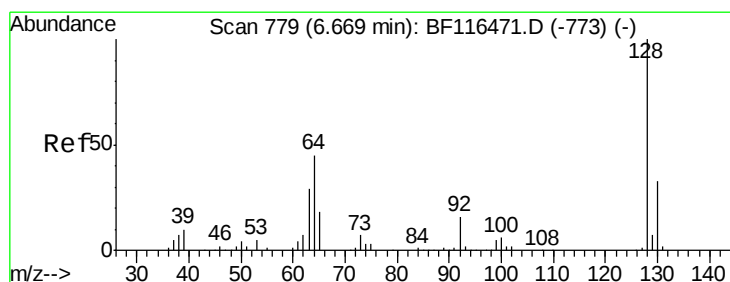
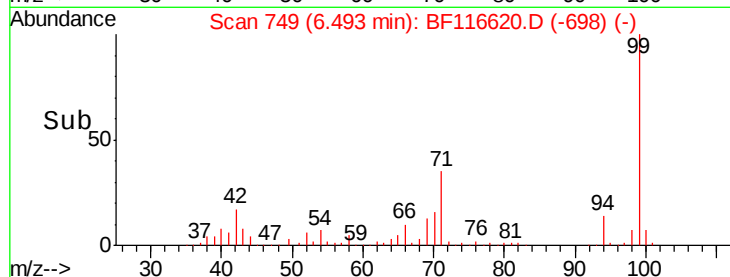
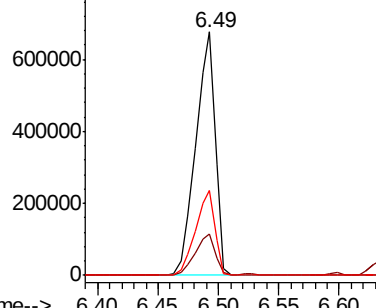
99 100

42 17.1 13.2 19.8

71 35.1 27.4 41.2



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: 41.186 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

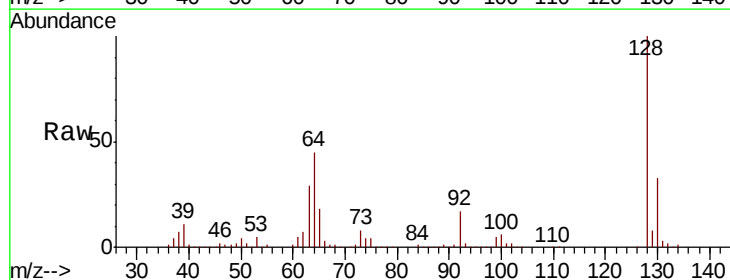
Tgt Ion: 128 Resp: 318593

Ion Ratio Lower Upper

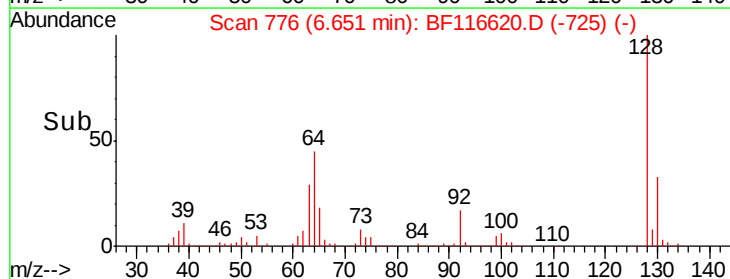
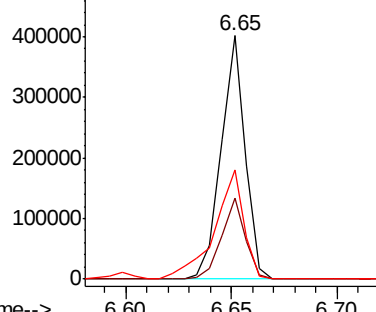
128 100

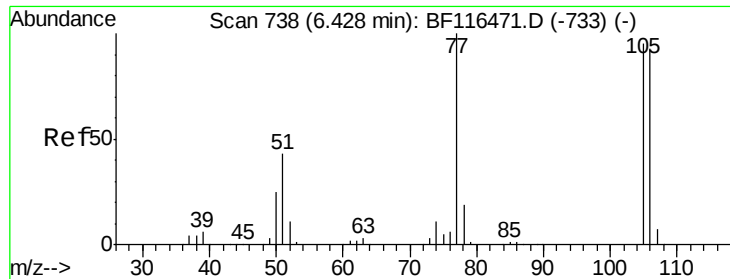
130 33.1 11.8 51.8

64 45.1 26.9 66.9



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: 44.096 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

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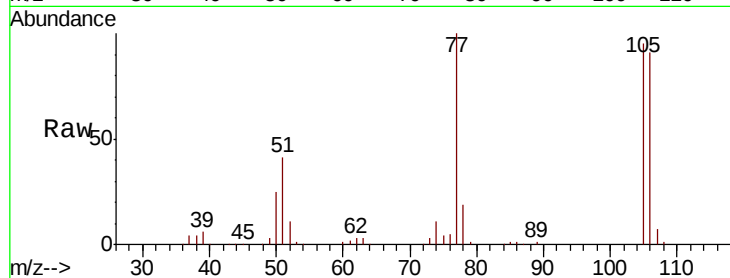
Tot Ion: 77 Resp: 238421

Ion Ratio Lower Upper

77 100

105 95.2 81.6 121.6

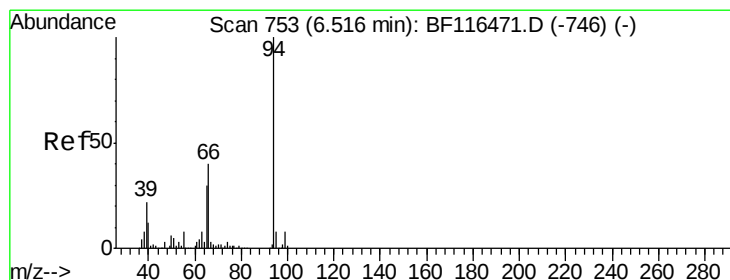
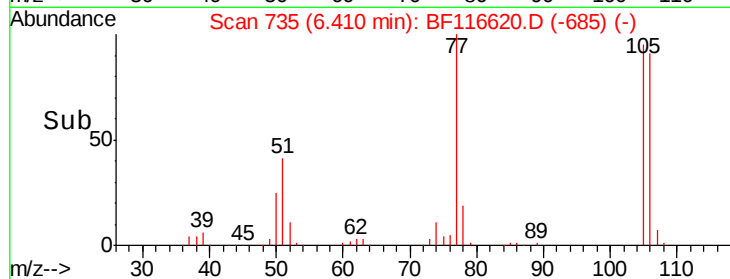
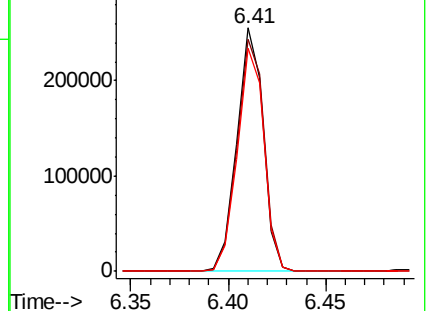
106 91.4 77.1 117.1



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: 41.761 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

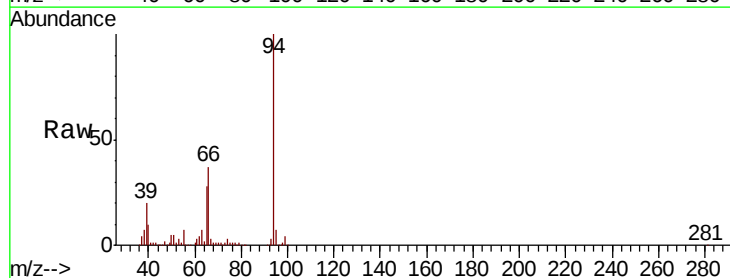
Tgt Ion: 94 Resp: 426305

Ion Ratio Lower Upper

94 100

65 28.3 8.6 48.6

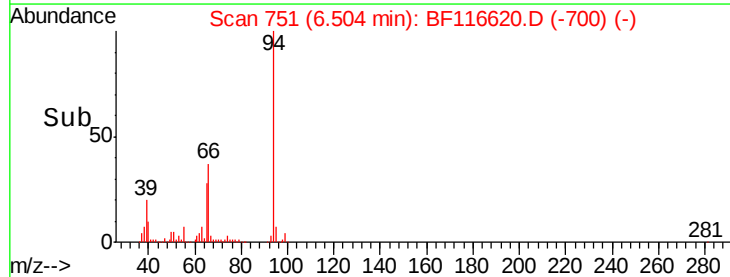
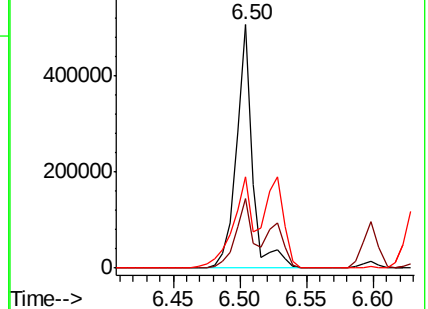
66 37.5 18.0 58.0

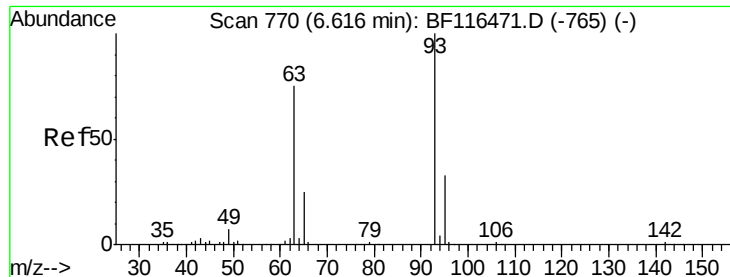


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

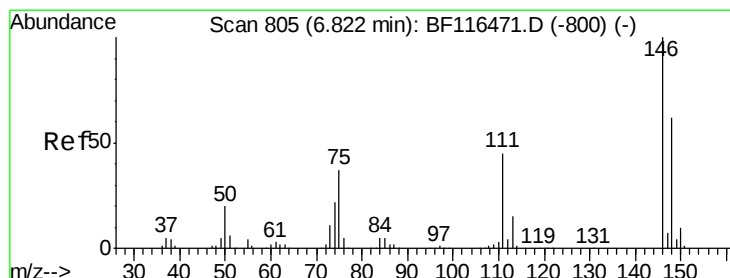
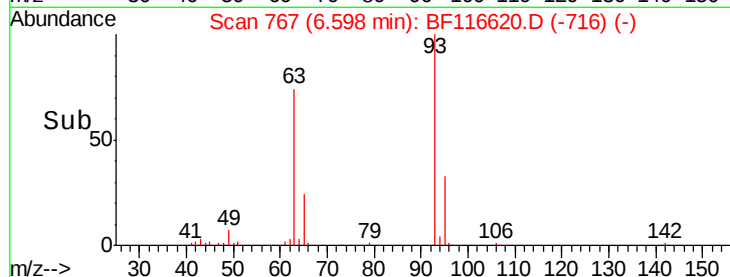
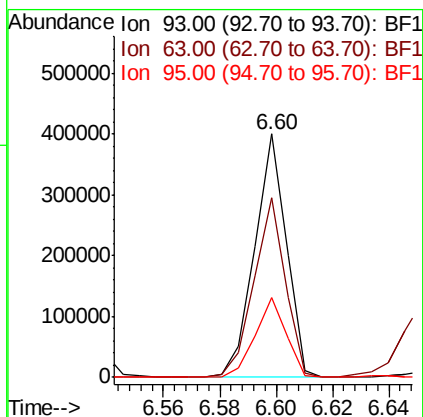
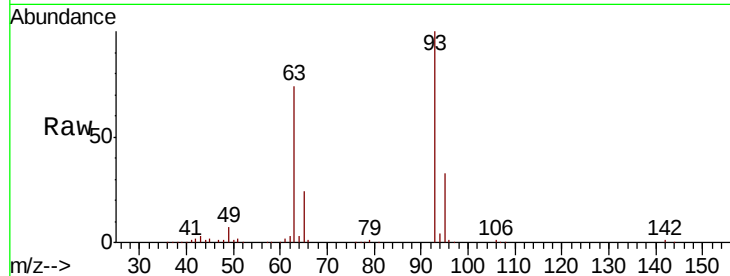




#11
 bis(2-Chloroethyl)ether
 Concen: 40.913 ng
 RT: 6.60 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

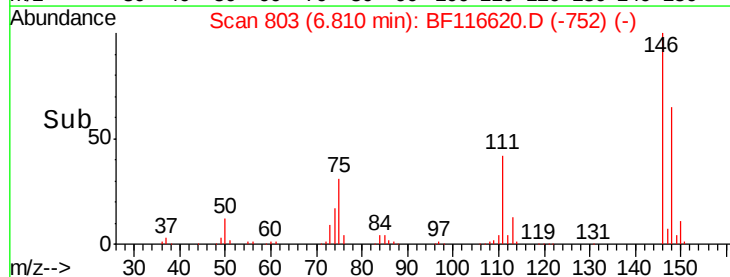
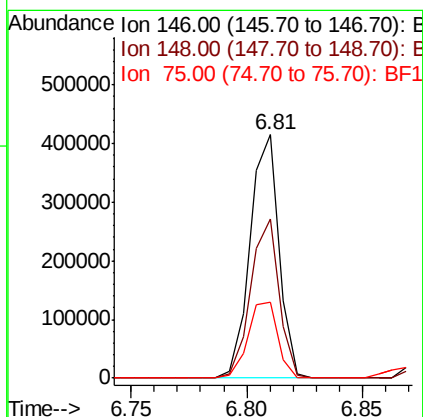
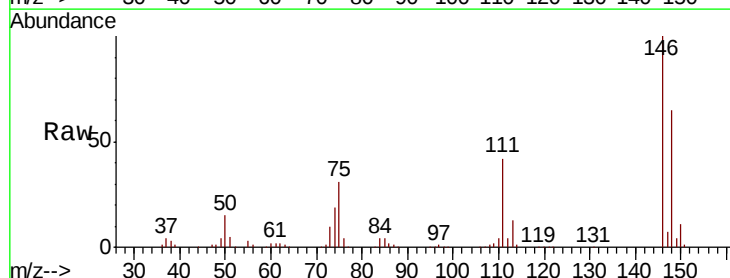
Instrument :
 BNA_F
 ClientSampled :

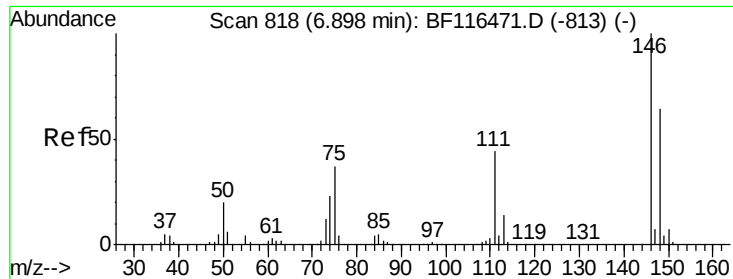
Tot Ion: 93 Resp: 310391
 Ion Ratio Lower Upper
 93 100
 63 73.7 54.7 94.7
 95 32.8 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 39.691 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion: 146 Resp: 363708
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.0 76.6
 75 31.2 25.1 37.7

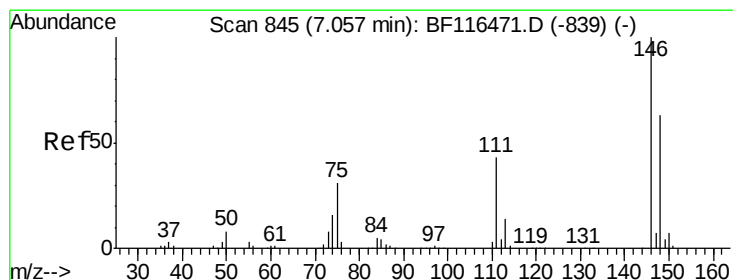
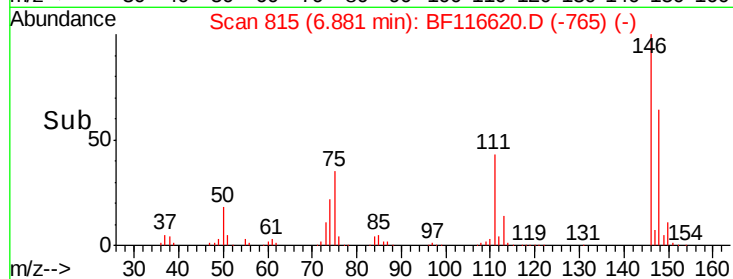
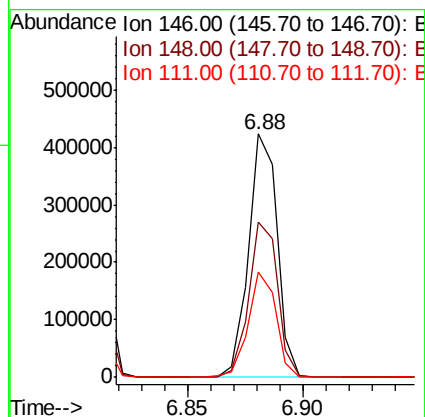
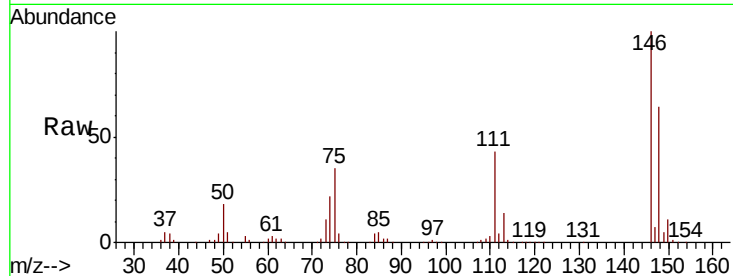




#13
 1,4-Dichlorobenzene
 Concen: 40.181 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

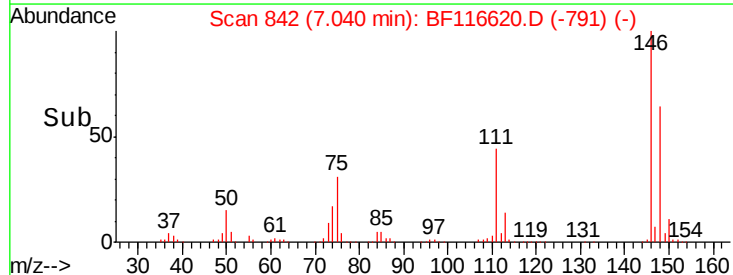
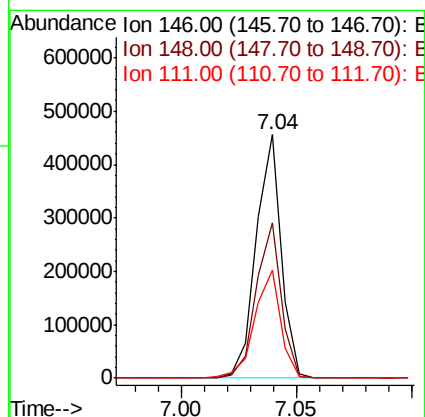
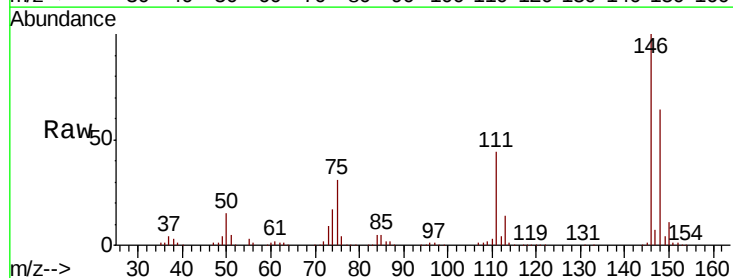
Instrument :
 BNA_F
 ClientSampleId :

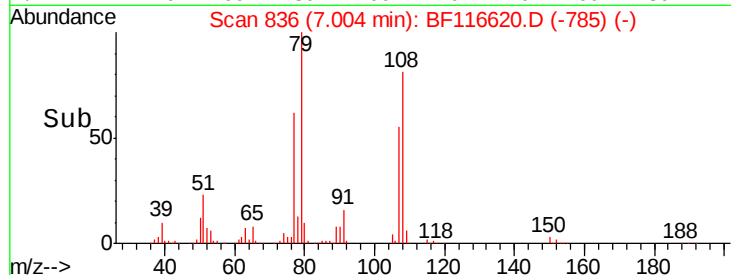
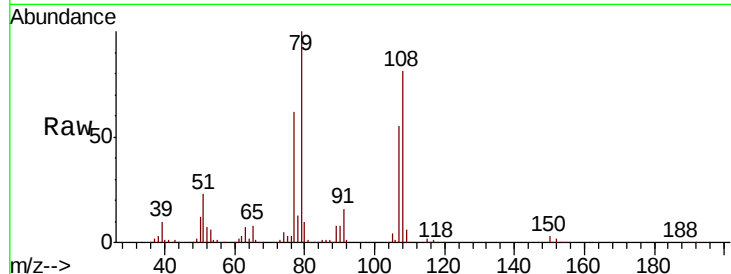
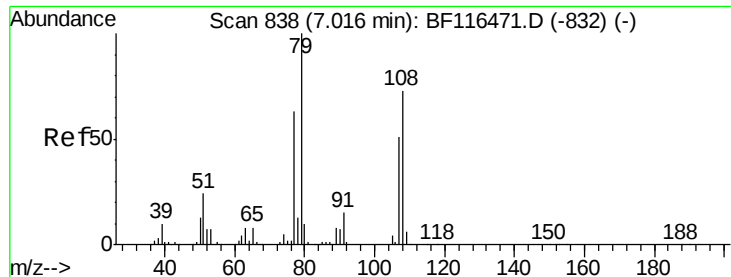
Tot Ion:146 Resp: 367896
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 43.2 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 40.032 ng
 RT: 7.04 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion:146 Resp: 346394
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 44.1 34.9 52.3

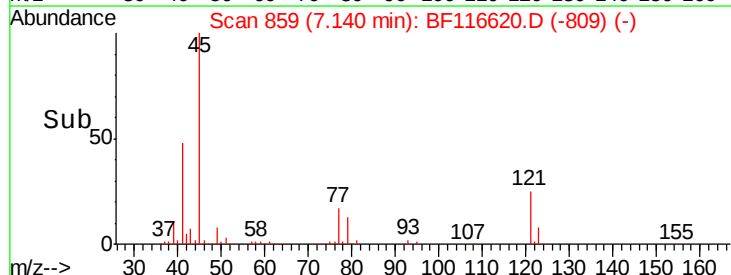
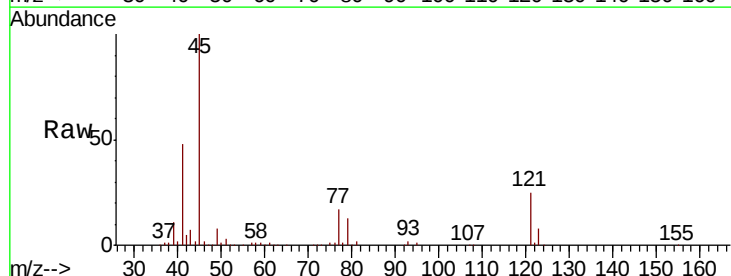
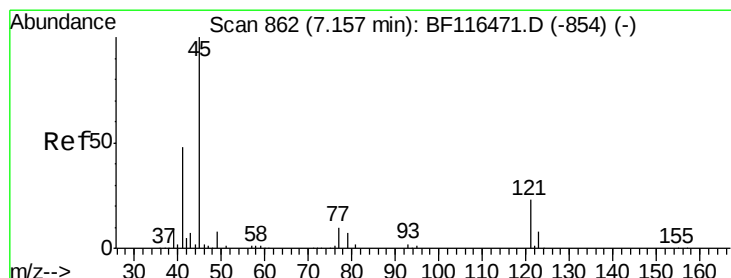
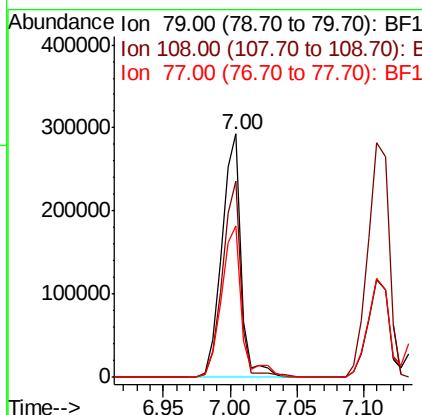




#15
Benzyl Alcohol
Concen: 41.320 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

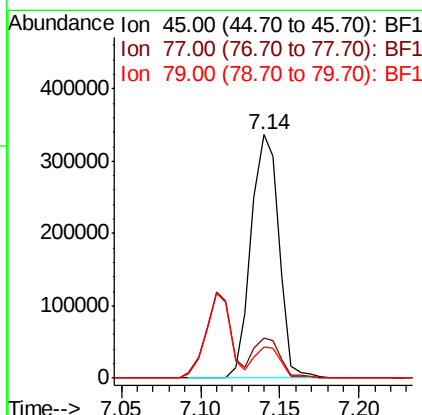
Instrument :
BNA_F
ClientSampleId :

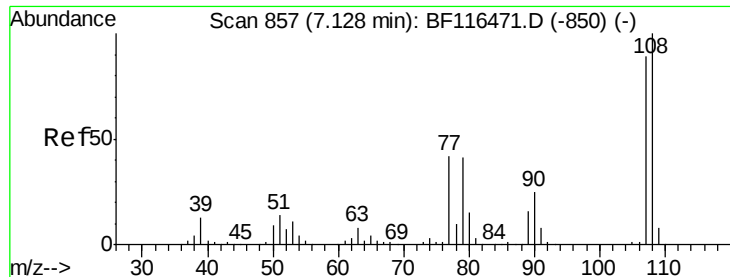
Tot Ion: 79 Resp: 299146
Ion Ratio Lower Upper
79 100
108 80.7 62.2 93.4
77 62.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.021 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion: 45 Resp: 411818
Ion Ratio Lower Upper
45 100
77 16.7 0.0 36.4
79 12.6 0.0 32.9

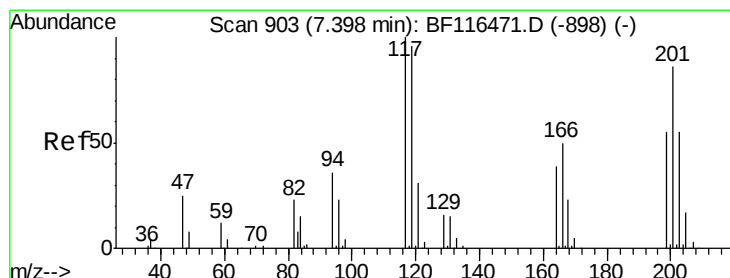
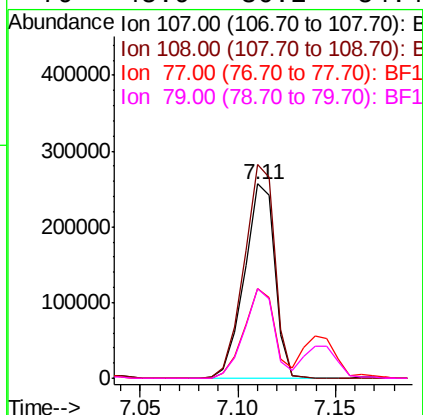
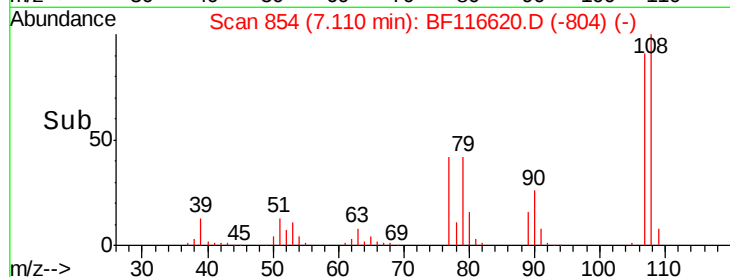
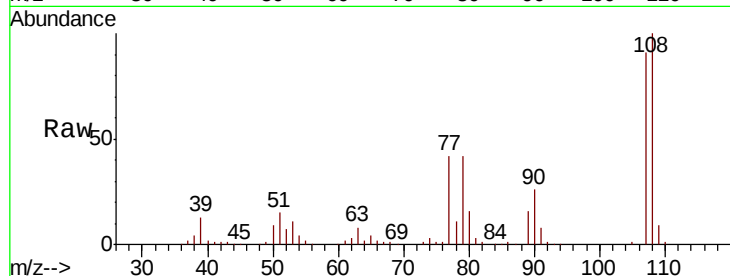




#17
2-Methylphenol
Concen: 39.855 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

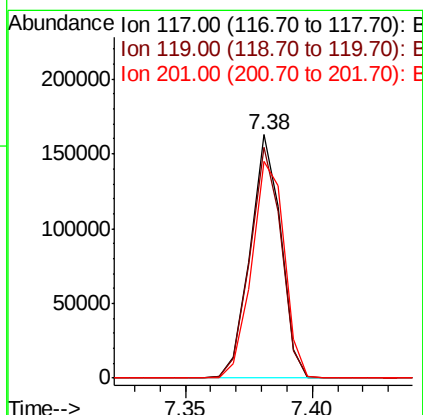
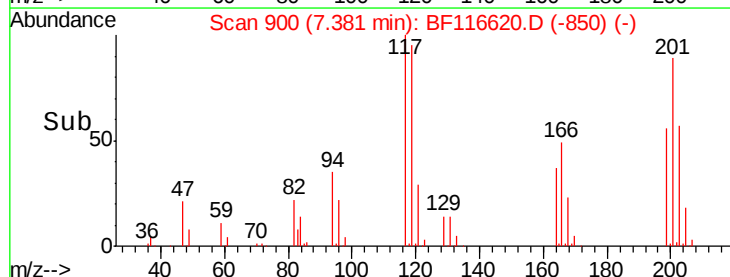
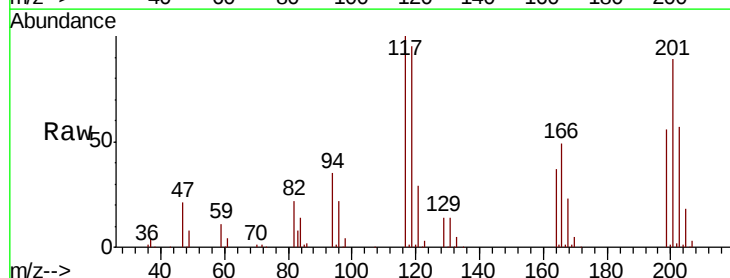
Instrument :
BNA_F
ClientSampleId :

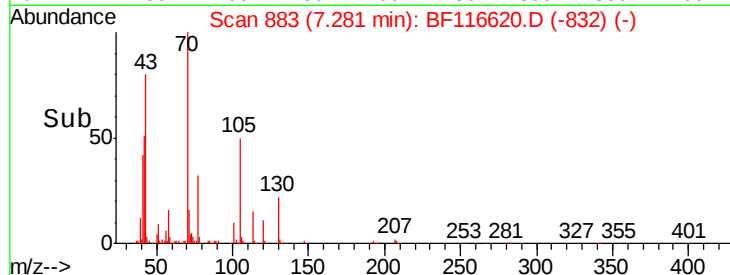
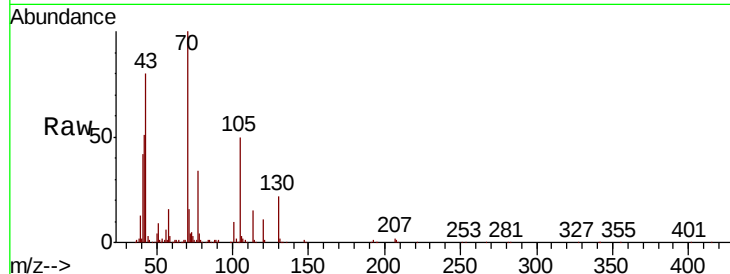
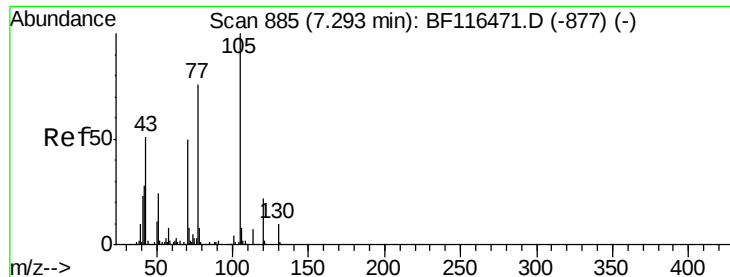
Tot Ion:	107	Resp:	276066
Ion	Ratio	Lower	Upper
107	100		
108	110.0	90.9	136.3
77	46.4	36.8	55.2
79	45.9	36.2	54.4



#18
Hexachloroethane
Concen: 40.656 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:	117	Resp:	137446
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.6	118.0
201	89.1	86.2	129.2

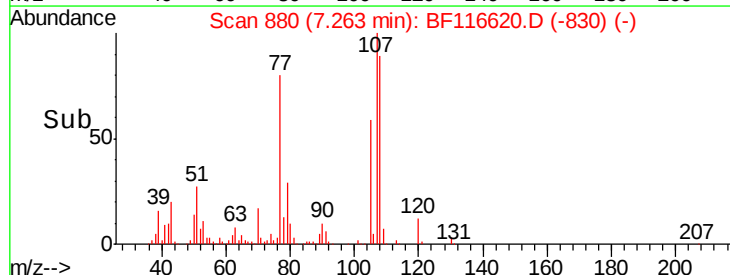
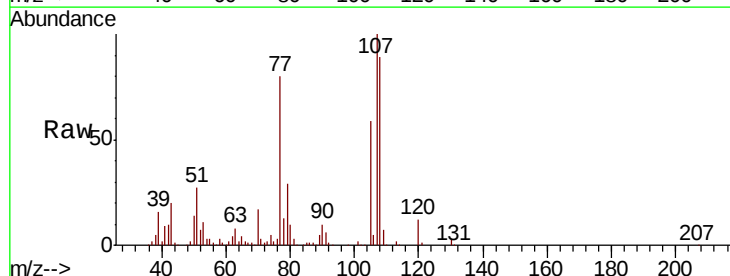
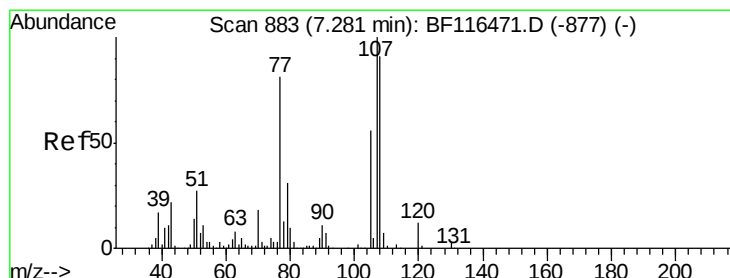
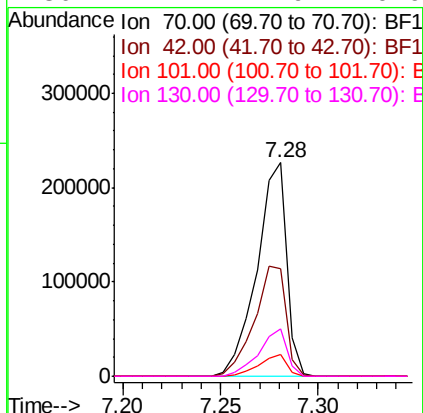




#19
n-Nitroso-di-n-propylamine
Concen: 40.552 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

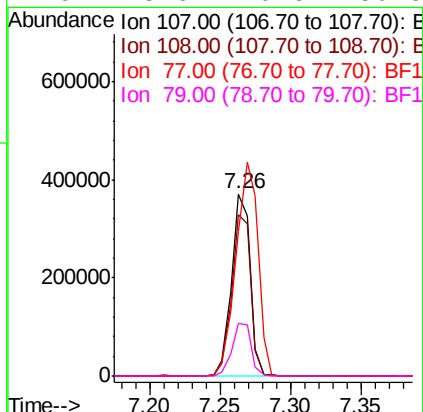
Instrument :
BNA_F
ClientSampleId :

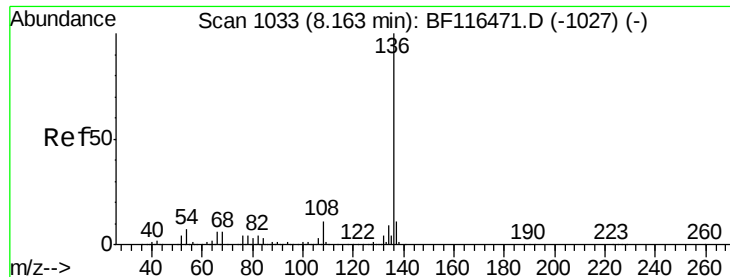
Tot Ion:	70	Resp:	239994
Ion	Ratio	Lower	Upper
70	100		
42	50.5	41.2	61.8
101	10.0	7.7	11.5
130	22.2	17.9	26.9



#20
3+4-Methylphenols
Concen: 40.686 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:	107	Resp:	342356
Ion	Ratio	Lower	Upper
107	100		
108	89.0	72.6	112.6
77	79.6	82.4	122.4#
79	28.6	10.6	50.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 485304

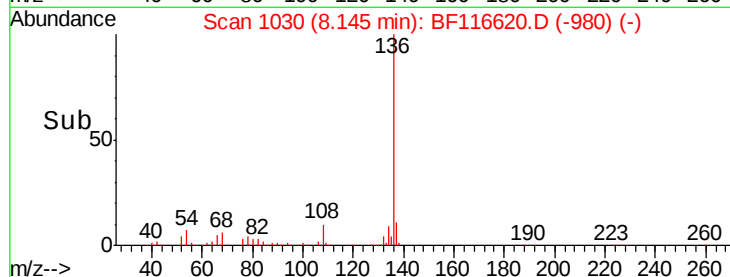
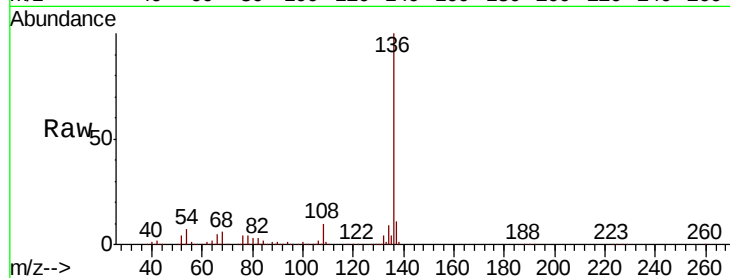
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.0 5.0 7.4

68 6.4 4.5 6.7

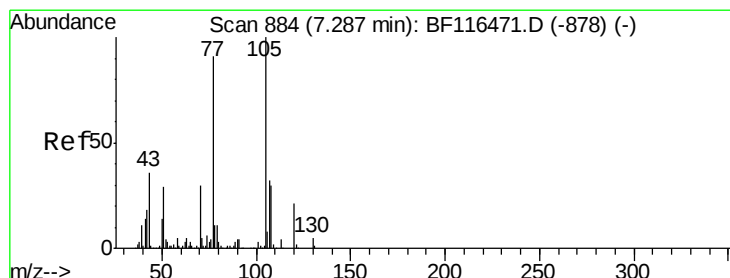
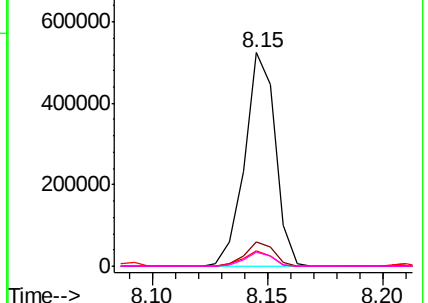


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.575 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Tgt Ion:105 Resp: 473881

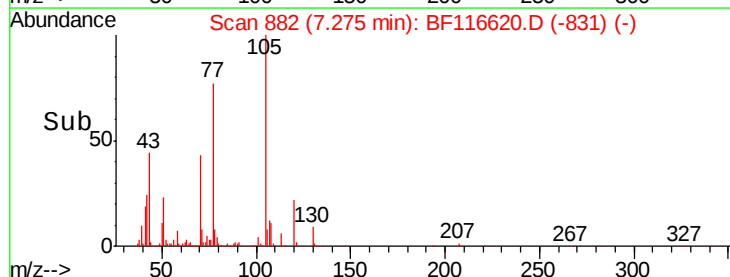
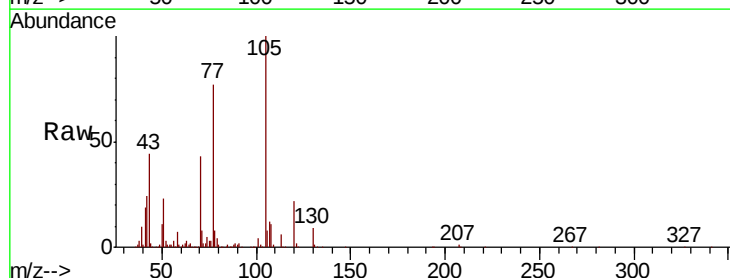
Ion Ratio Lower Upper

105 100

71 7.9 5.0 7.6#

51 23.2 20.7 31.1

120 22.3 17.9 26.9

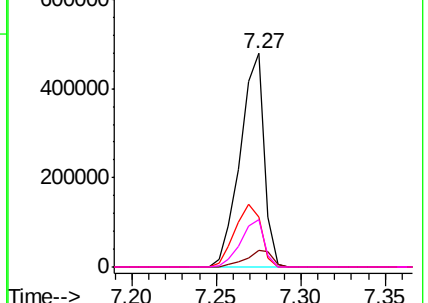


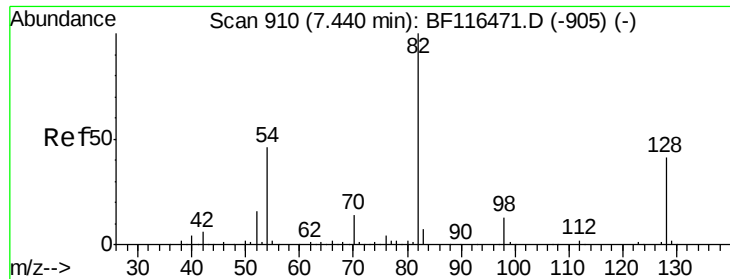
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.752 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampled :

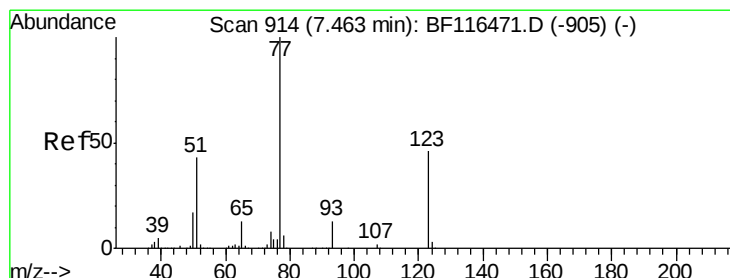
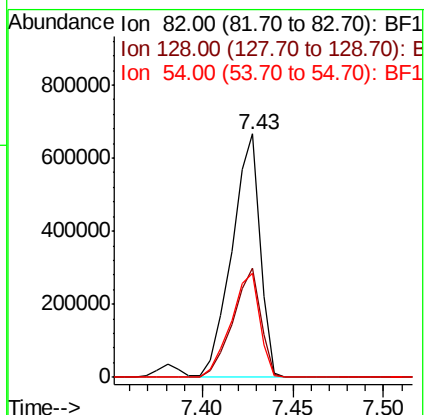
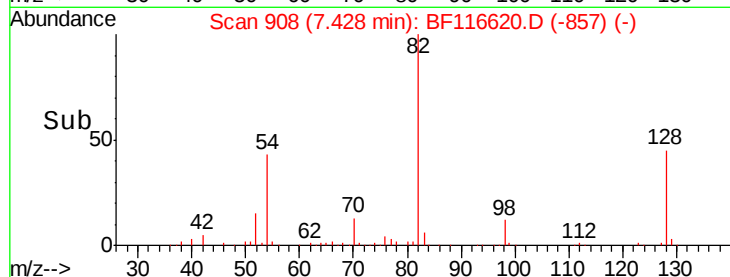
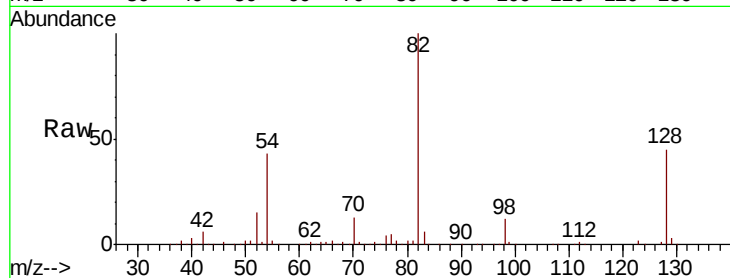
Tot Ion: 82 Resp: 718809

Ion Ratio Lower Upper

82 100

128 44.9 35.0 52.6

54 43.0 34.4 51.6



#24

Nitrobenzene

Concen: 42.124 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

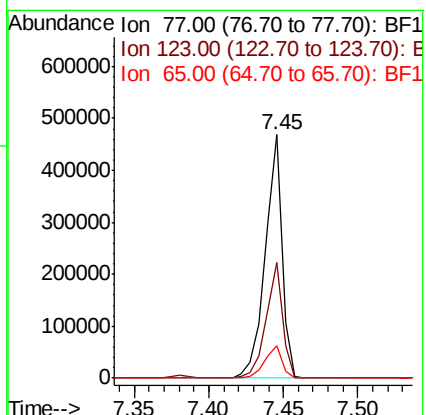
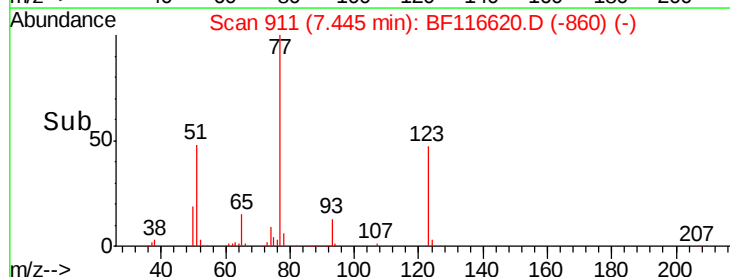
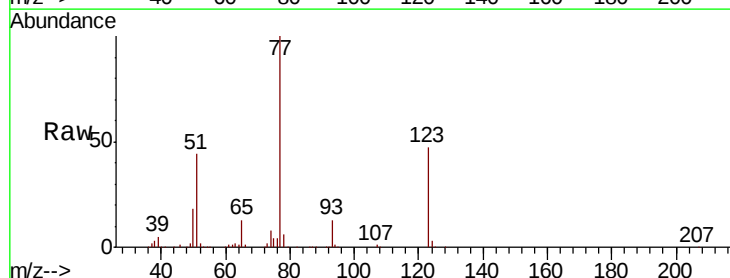
Tgt Ion: 77 Resp: 362283

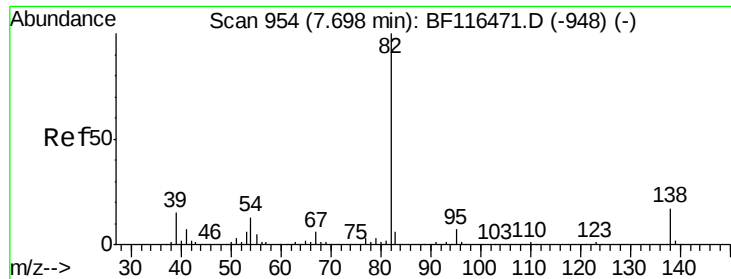
Ion Ratio Lower Upper

77 100

123 47.3 38.2 57.4

65 13.4 11.0 16.6





#25

Isophorone

Concen: 41.722 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

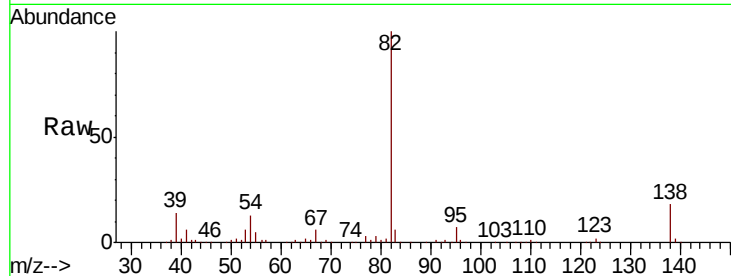
Tot Ion: 82 Resp: 644184

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

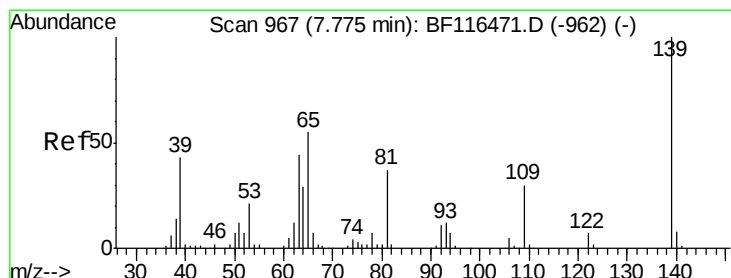
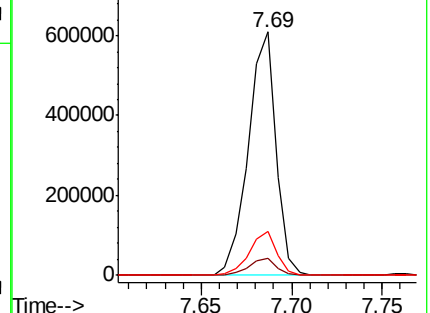
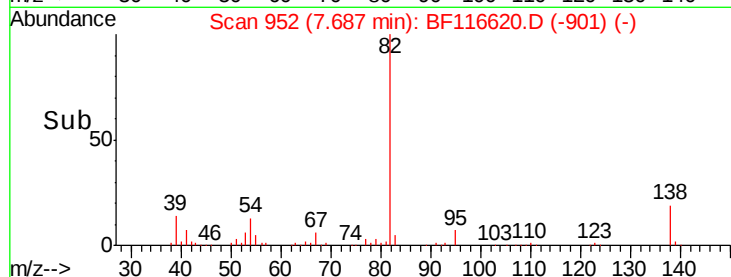
138 18.1 14.4 21.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.568 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

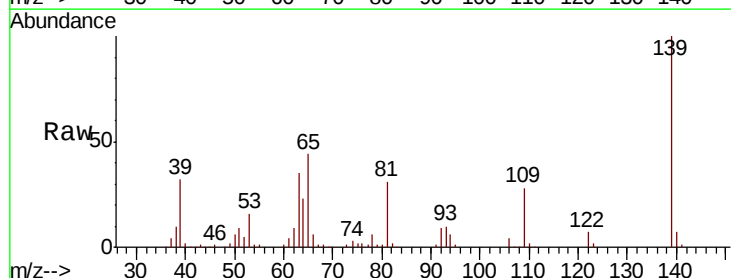
Tgt Ion: 139 Resp: 171811

Ion Ratio Lower Upper

139 100

109 28.5 22.4 33.6

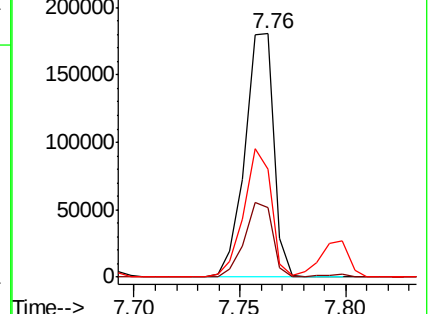
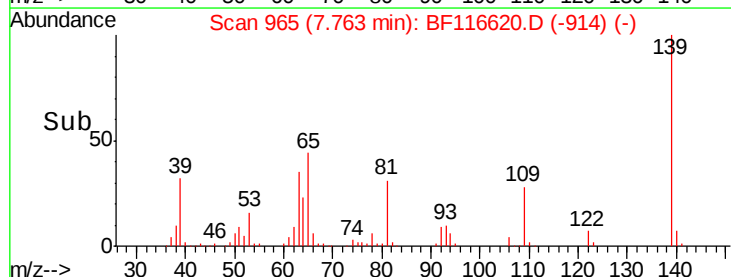
65 44.1 36.9 55.3

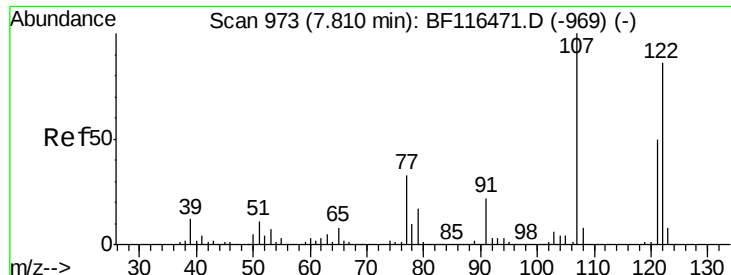


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

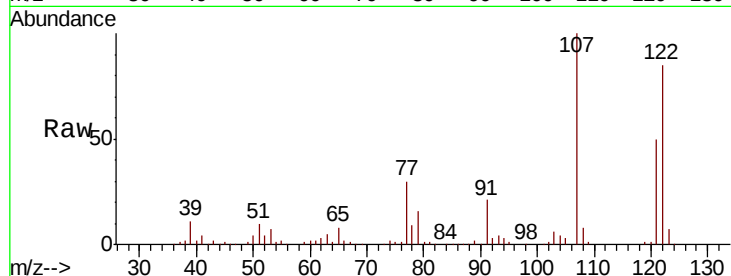




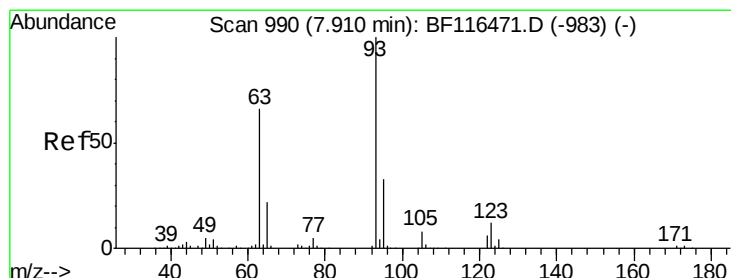
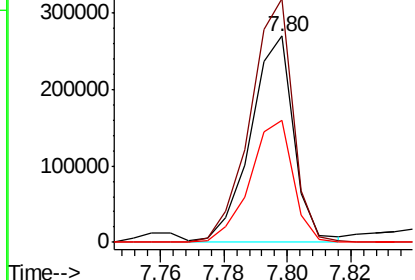
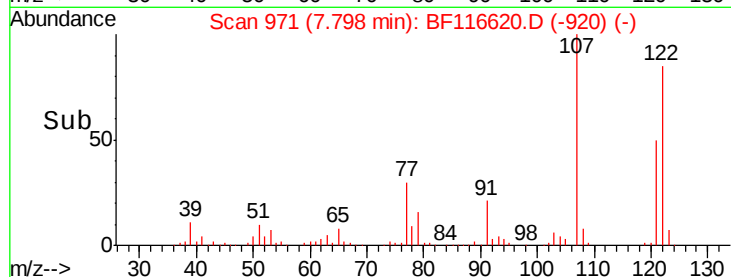
#27
 2,4-Dimethylphenol
 Concen: 39.521 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 255788
 Ion Ratio Lower Upper
 122 100
 107 118.0 95.4 143.0
 121 59.4 47.8 71.8

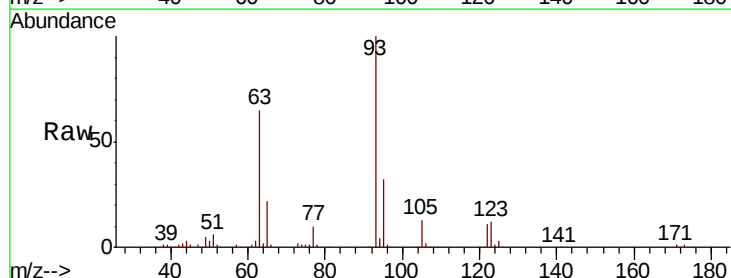


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

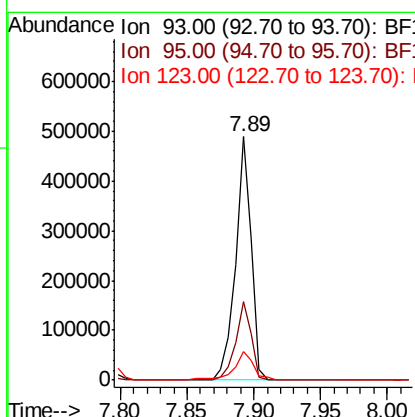
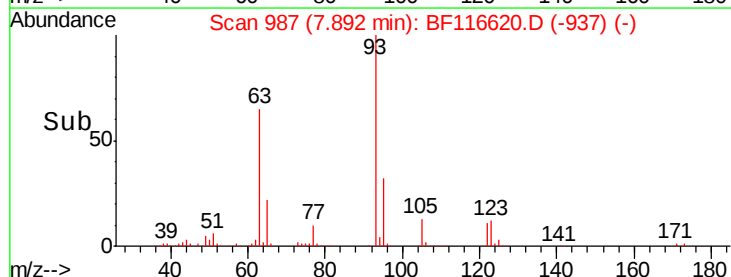


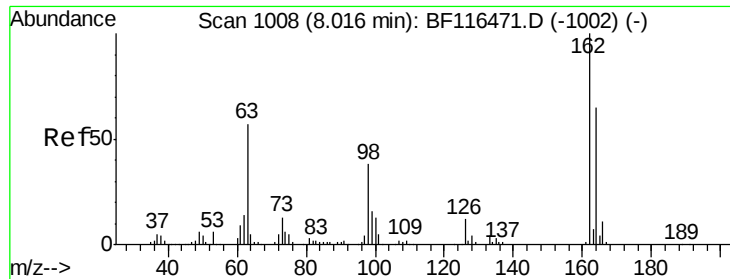
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.084 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion: 93 Resp: 401999
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.1 39.1
 123 11.7 10.4 15.6



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

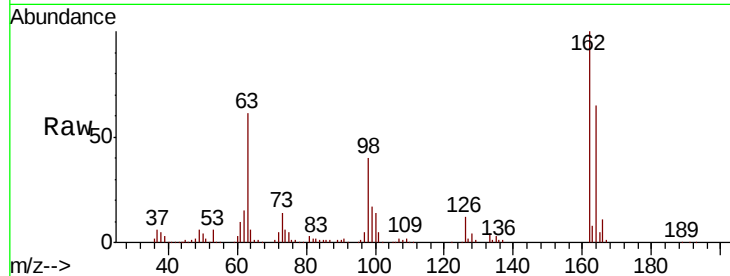




#29
 2,4-Dichlorophenol
 Concen: 39.561 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	45.9	85.9
98	39.8	17.4	57.4

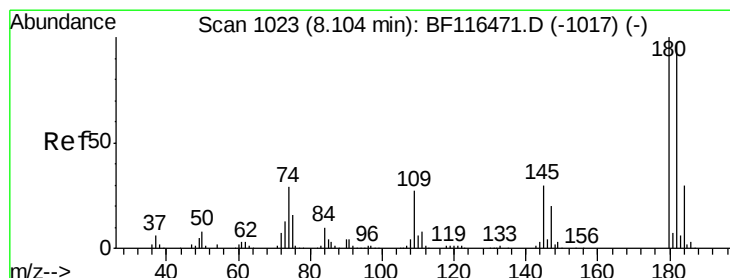
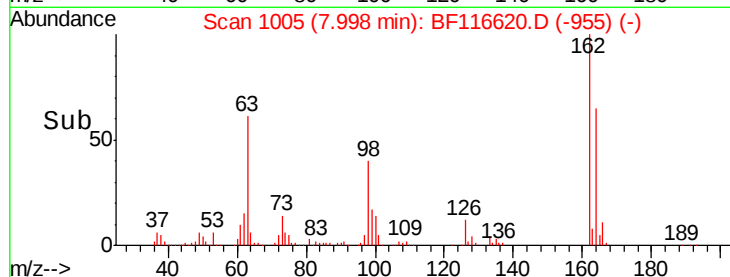
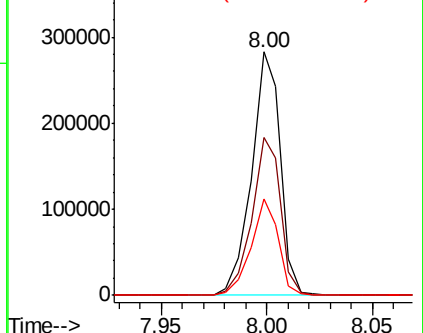


Abundance

Ion 162.00 (161.70 to 162.70): E

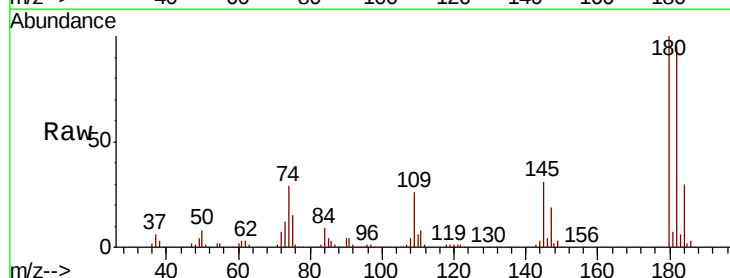
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.329 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.7	115.1
145	31.1	24.1	36.1

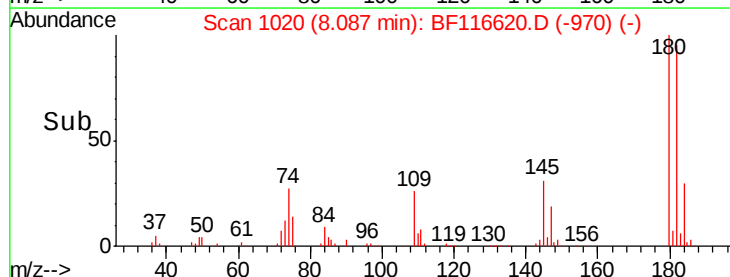
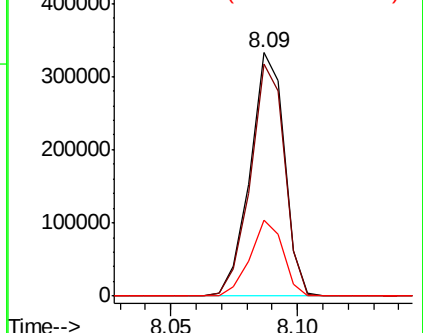


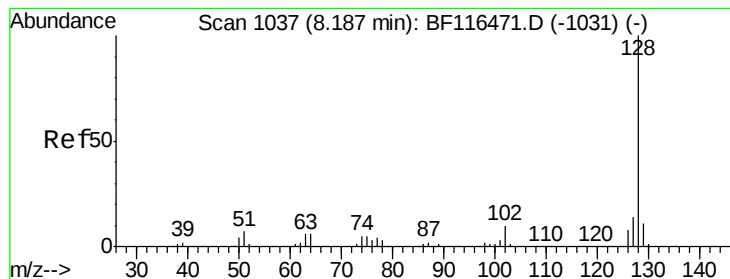
Abundance

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: 41.182 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

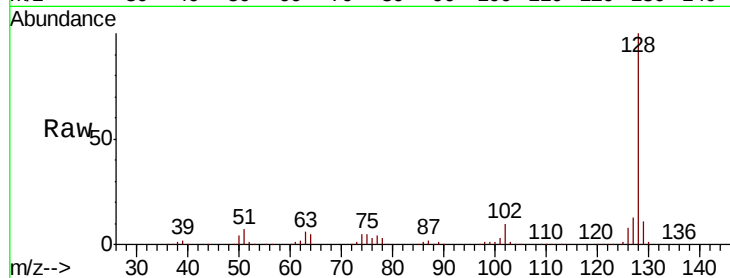
Tot Ion:128 Resp: 957346

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

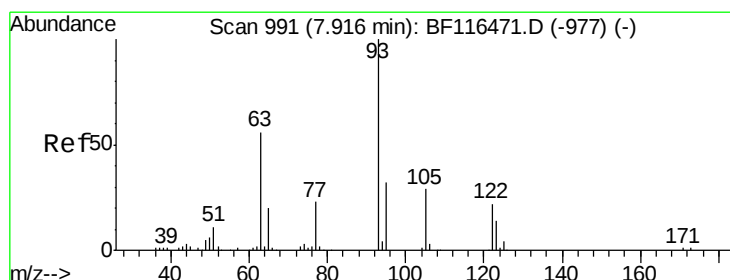
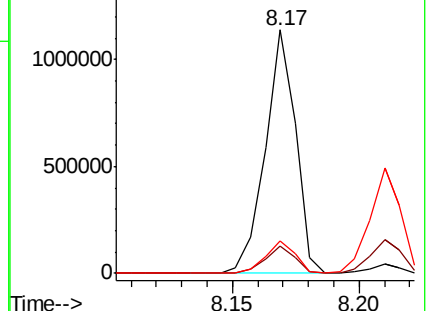
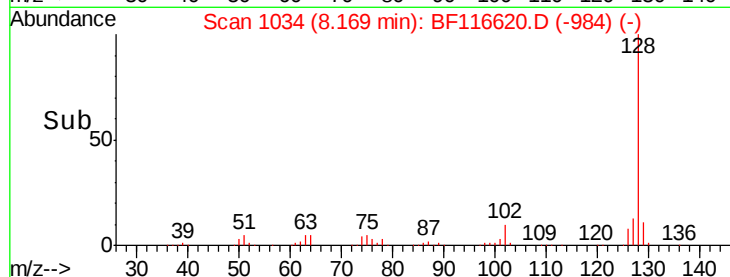
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.279 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

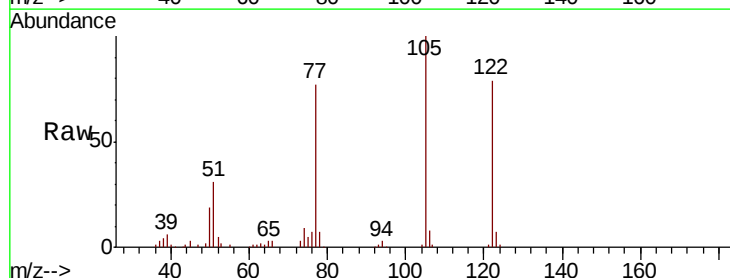
Tgt Ion:122 Resp: 228316

Ion Ratio Lower Upper

122 100

105 127.2 105.8 145.8

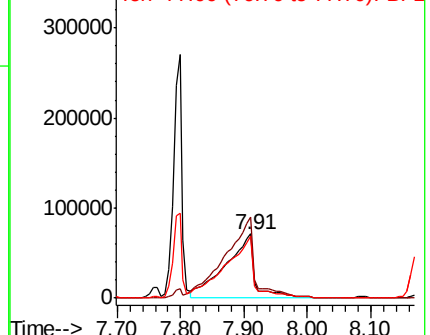
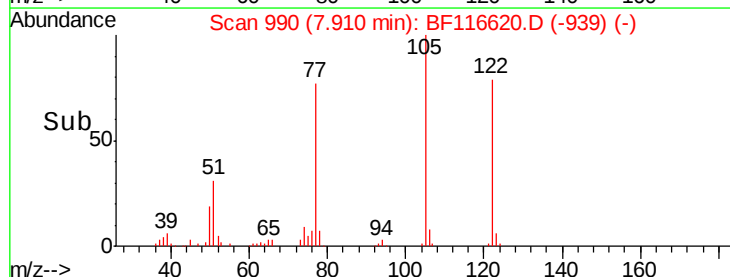
77 97.4 74.1 114.1

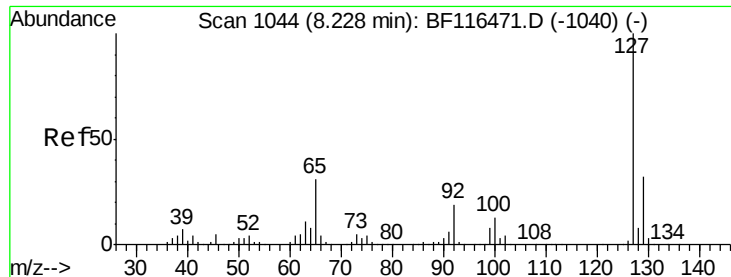


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

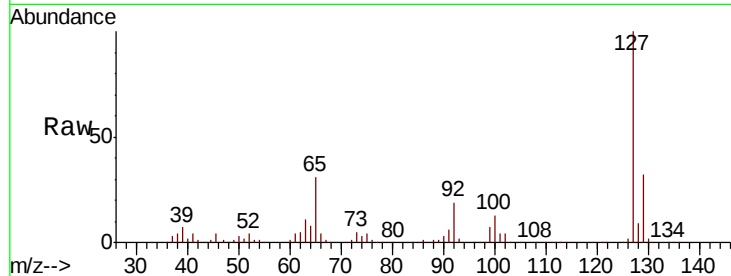




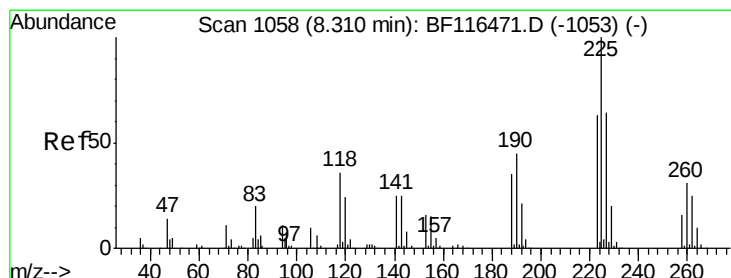
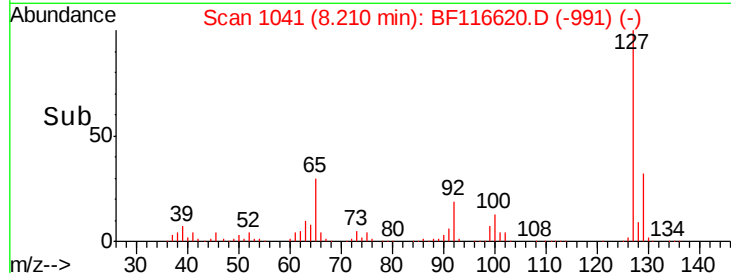
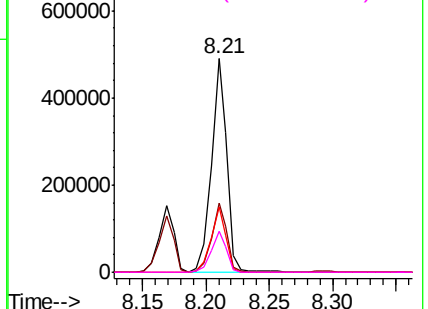
#33
4-Chloroaniline
Concen: 41.060 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	420690	
Ion Ratio	Lower	Upper	
127 100			
129 32.1	25.9	38.9	
65 30.6	22.6	33.8	
92 19.4	15.0	22.6	

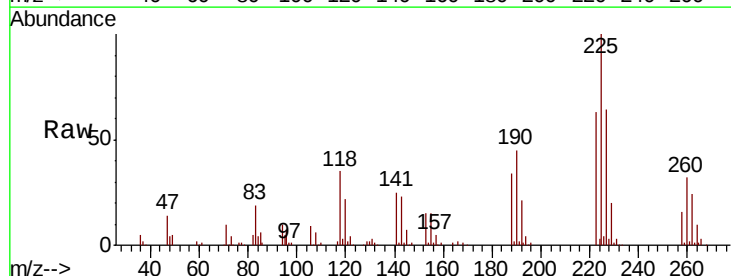


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

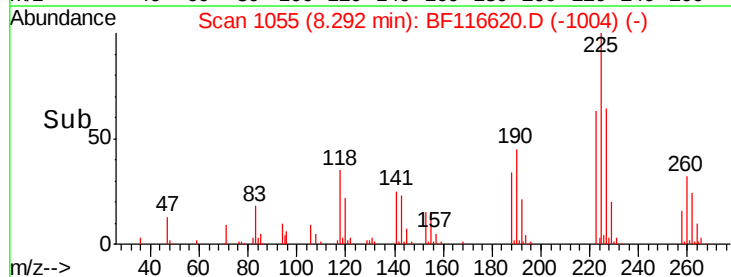
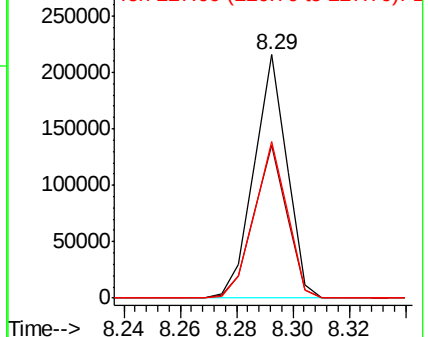


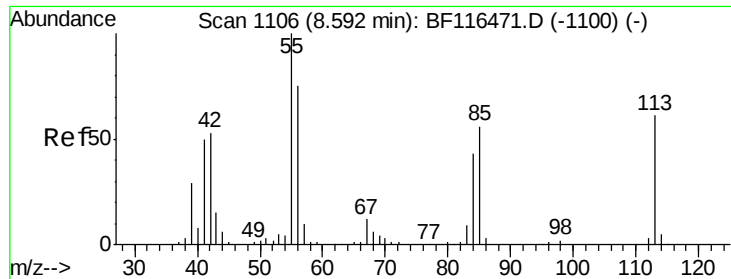
#34
Hexachlorobutadiene
Concen: 40.351 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion	225	Resp: Lower	174700 Upper
	Ratio		
225	100		
223	62.9	50.7	76.1
227	64.3	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

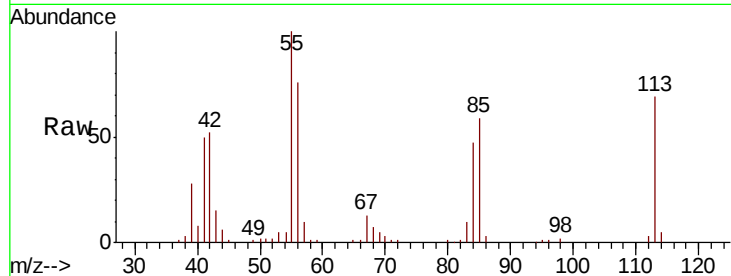




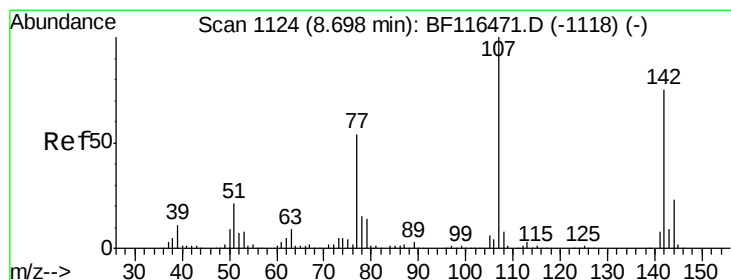
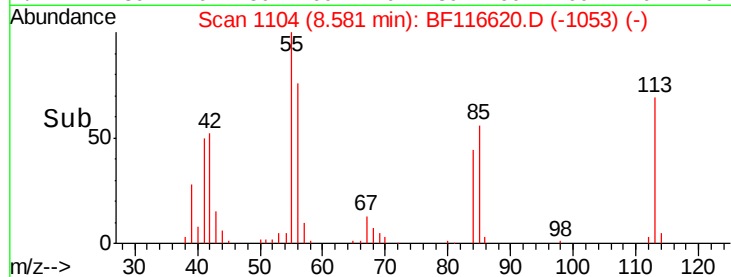
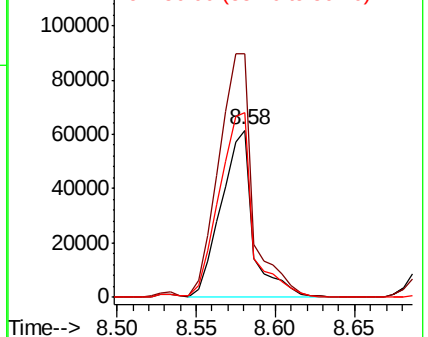
#35
Caprolactam
Concen: 42.909 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 86667
Ion Ratio Lower Upper
113 100
55 145.4 128.3 168.3
56 110.6 93.2 133.2

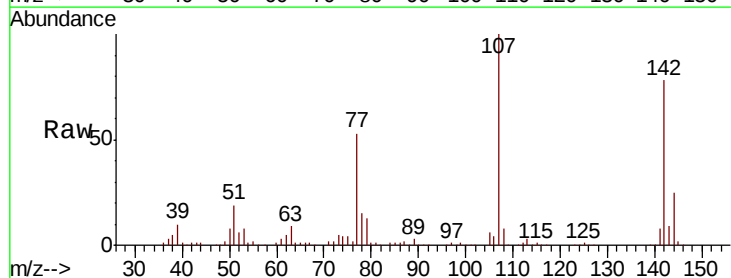


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

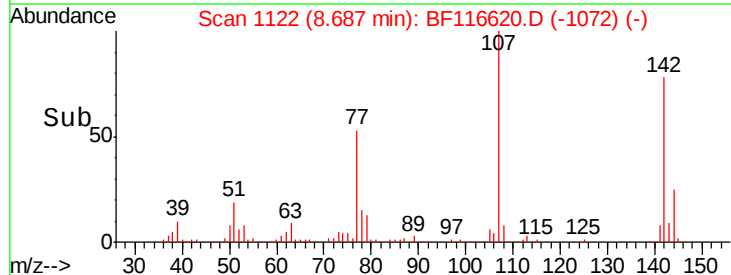
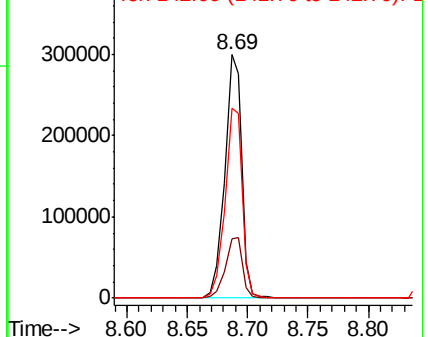


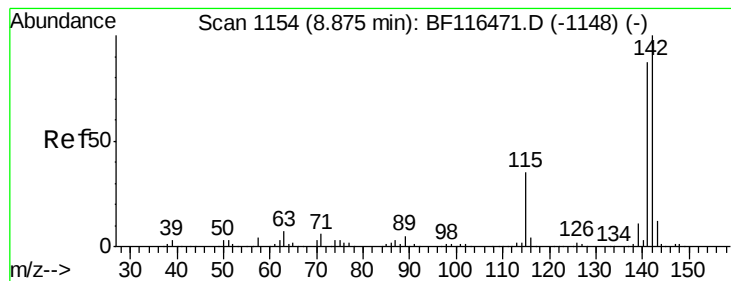
#36
4-Chloro-3-methylphenol
Concen: 42.578 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:107 Resp: 290126
Ion Ratio Lower Upper
107 100
144 24.5 20.6 30.8
142 78.0 63.8 95.6



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

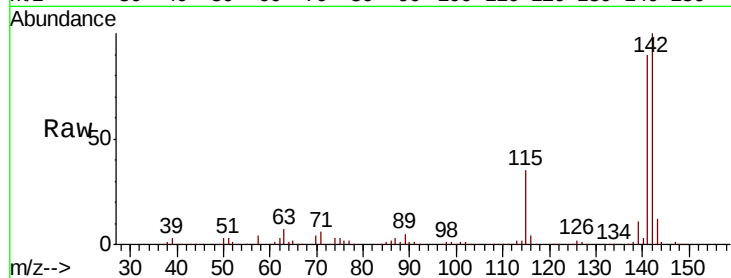




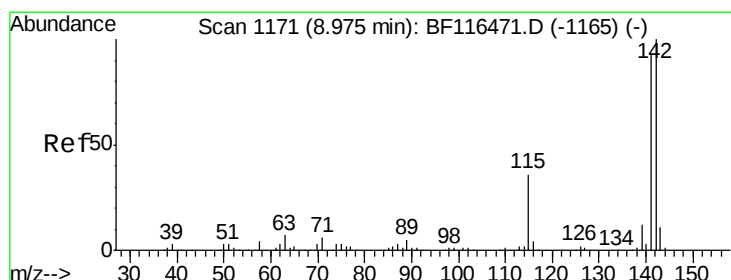
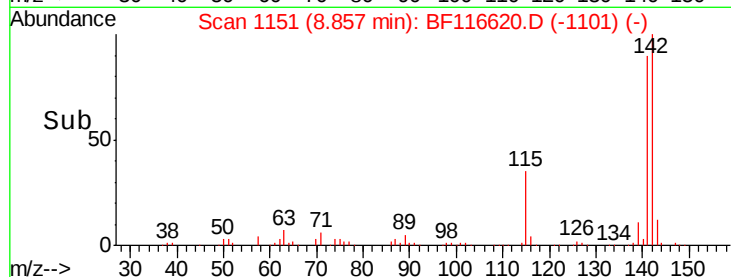
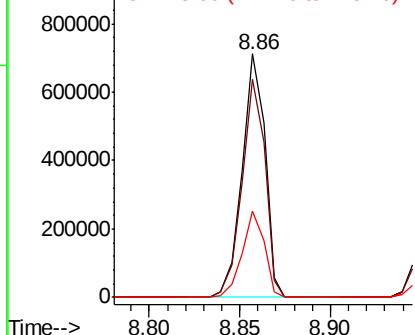
#37
 2-Methylnaphthalene
 Concen: 43.172 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.5	104.3
115	35.2	26.0	39.0

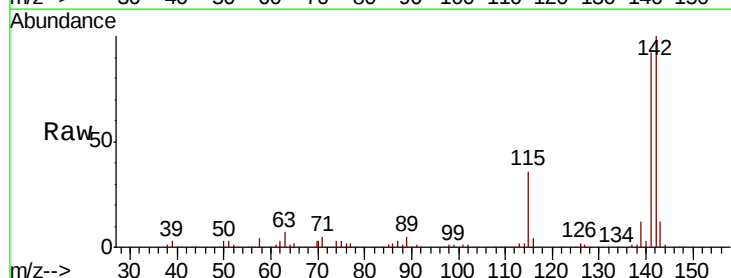


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

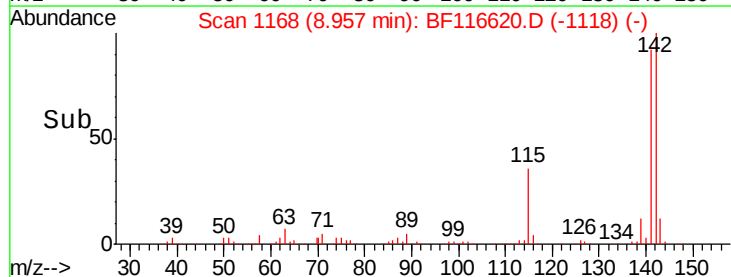
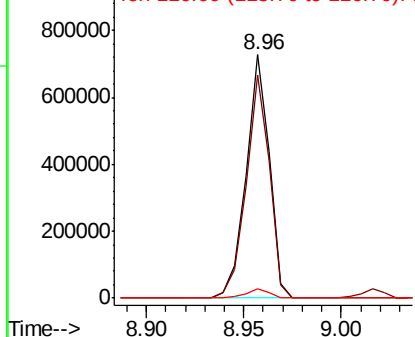


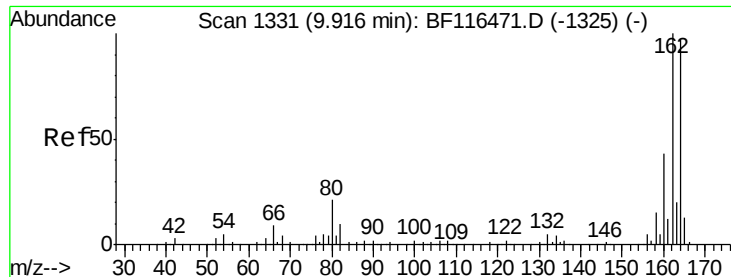
#38
 1-Methylnaphthalene
 Concen: 41.999 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.1	109.7
116	3.8	2.7	4.1



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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

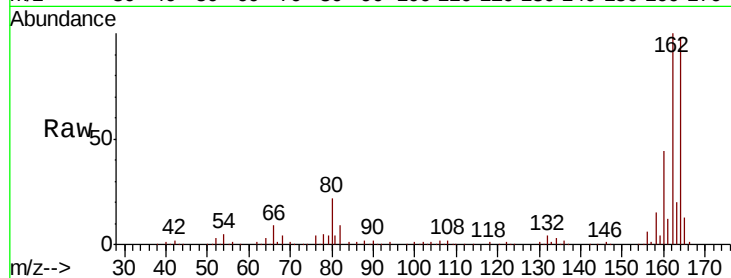
Tot Ion:164 Resp: 297046

Ion Ratio Lower Upper

164 100

162 101.9 83.4 125.0

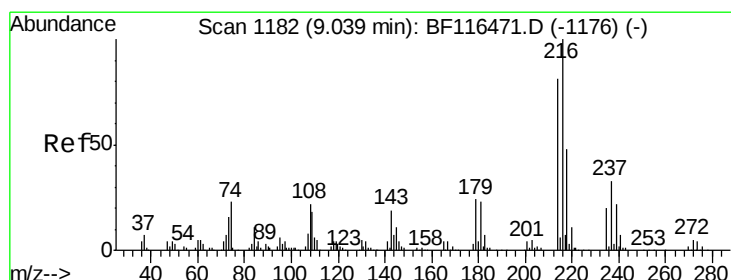
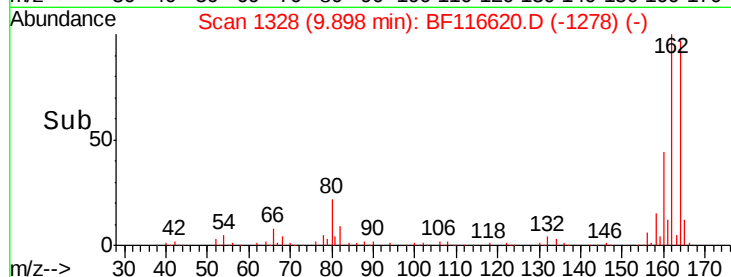
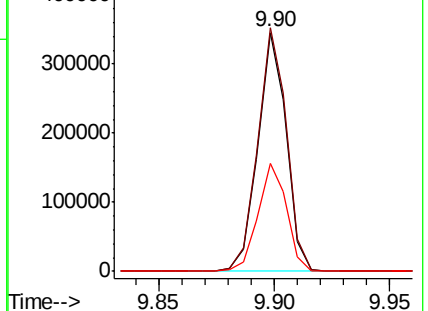
160 45.1 37.0 55.4



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: 35.196 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Tgt Ion:216 Resp: 286839

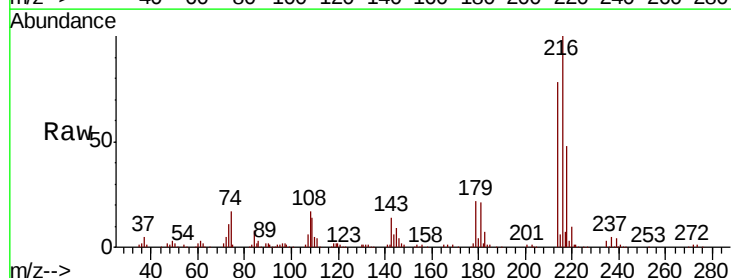
Ion Ratio Lower Upper

216 100

214 79.1 63.3 94.9

179 22.7 17.9 26.9

108 20.3 16.0 24.0

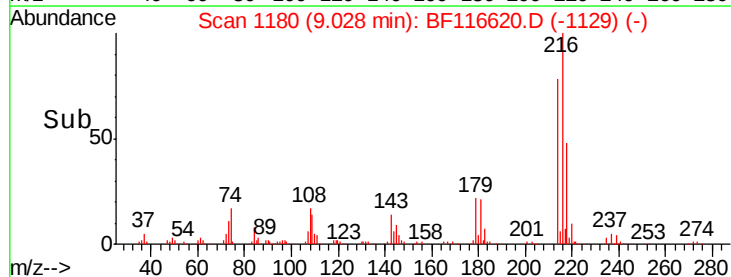
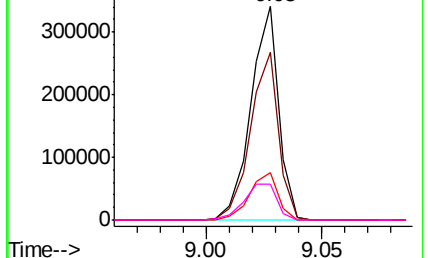


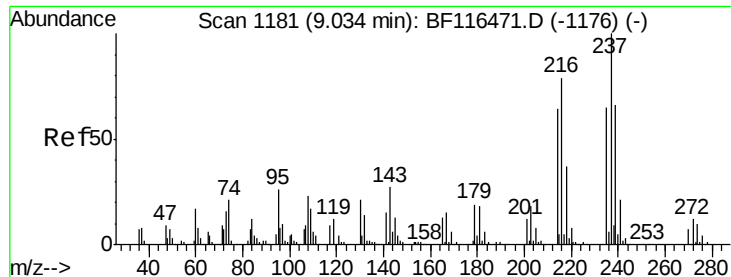
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.614 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

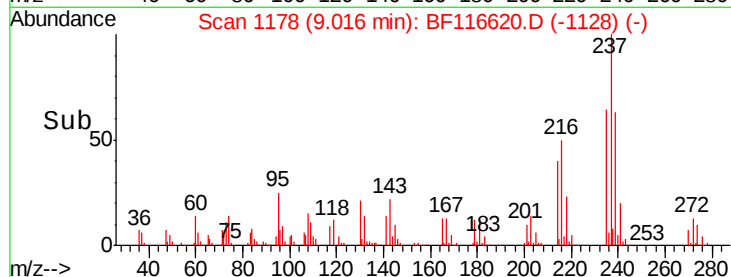
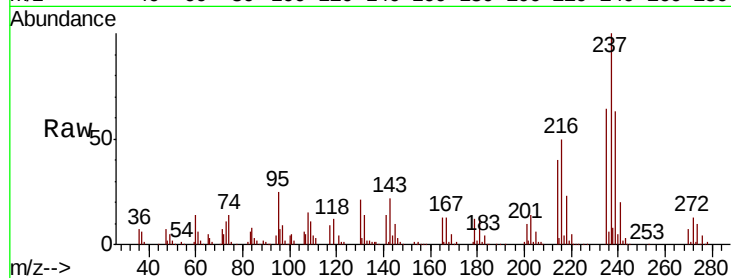
Tot Ion:237 Resp: 158637

Ion Ratio Lower Upper

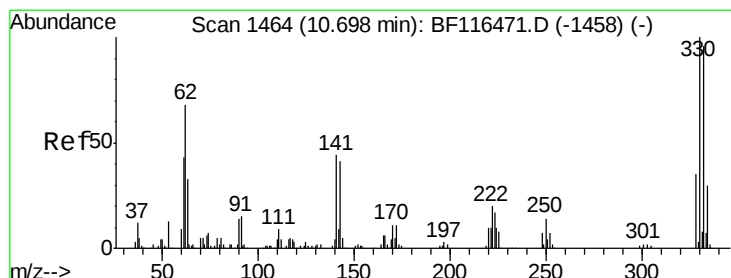
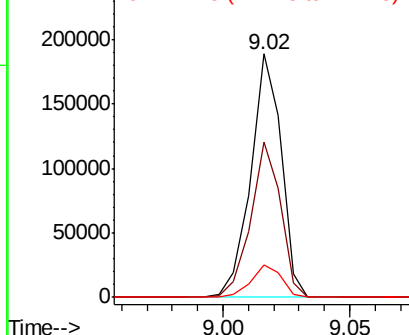
237 100

235 63.7 42.9 82.9

272 13.1 0.0 33.8



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: 82.945 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

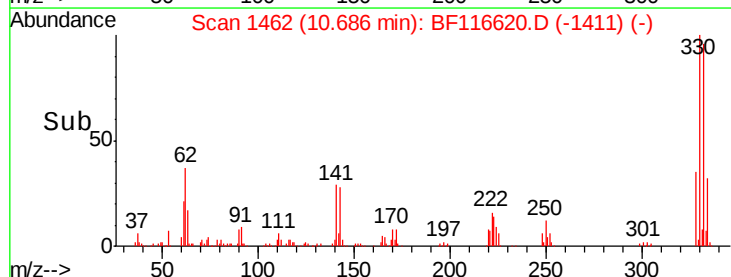
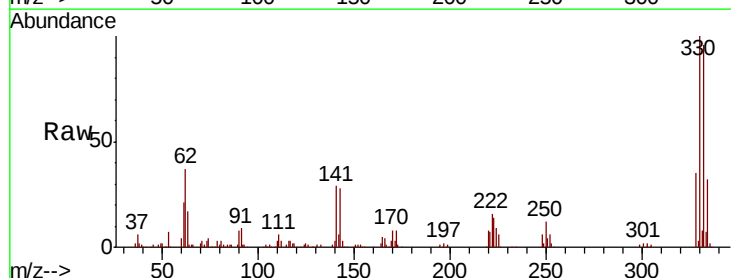
Tgt Ion:330 Resp: 234461

Ion Ratio Lower Upper

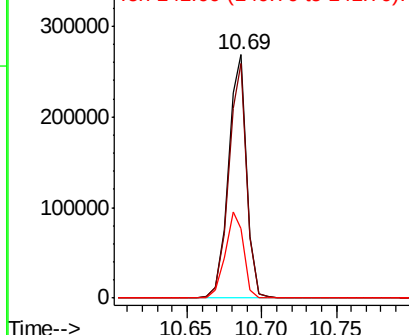
330 100

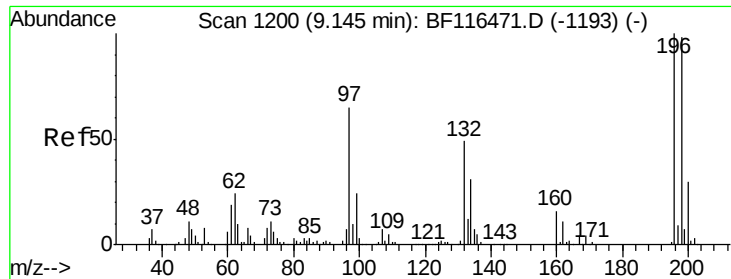
332 94.5 77.5 116.3

141 36.0 28.2 42.2



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

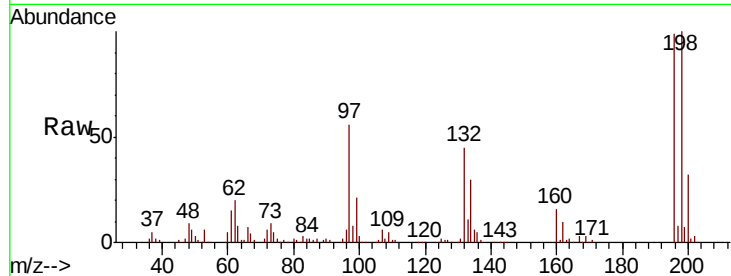




#43
 2,4,6-Trichlorophenol
 Concen: 35.315 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	202131
Ion Ratio	Lower	Upper	
196	100		
198	100.5	76.8	115.2
200	32.3	25.0	37.6

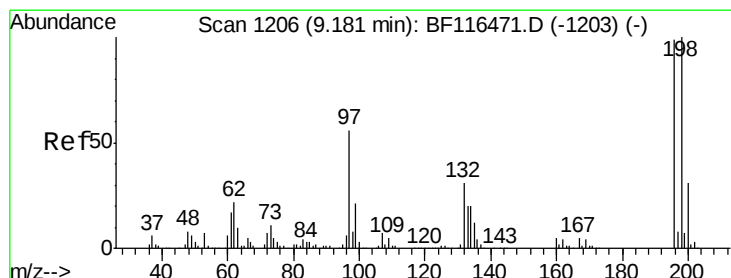
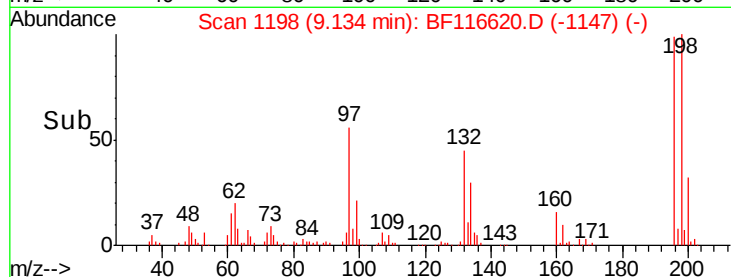
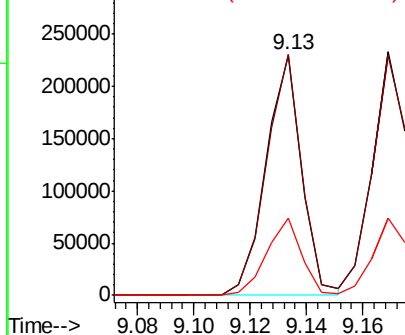


Abundance

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: 34.502 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion	196	Resp	198621
Ion Ratio	Lower	Upper	
196	100		
198	98.3	82.0	123.0
97	54.3	37.0	55.6
132	30.6	22.2	33.2

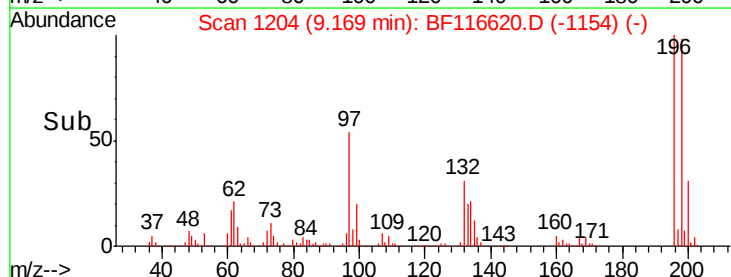
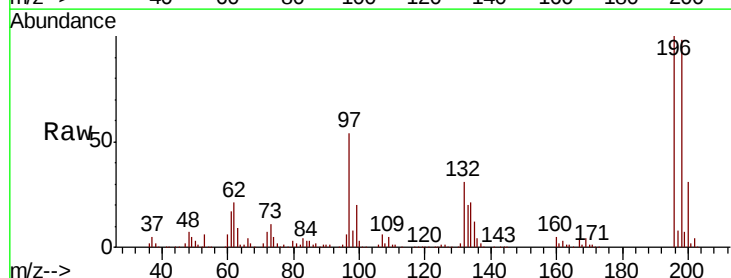
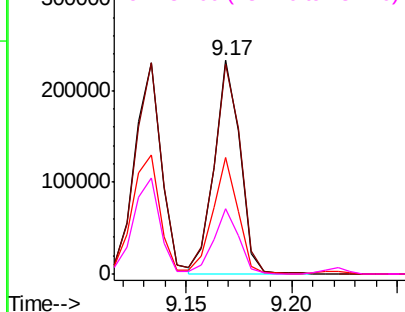
Abundance

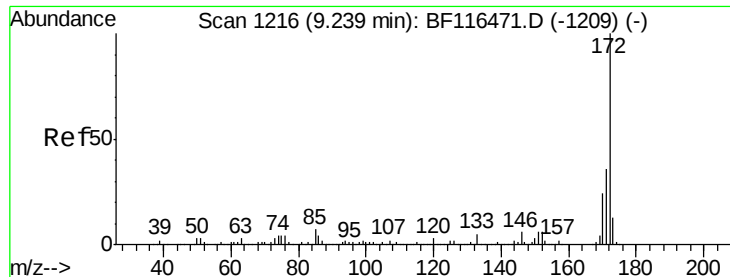
Ion 196.00 (195.70 to 196.70): E

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: 71.837 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

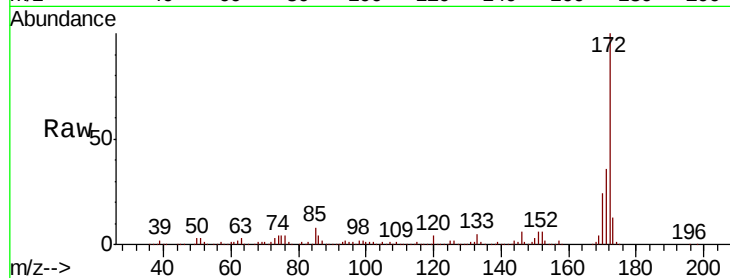
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1282238

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	23.9	19.3	28.9

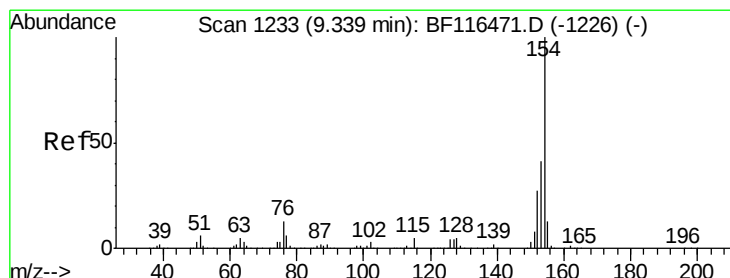
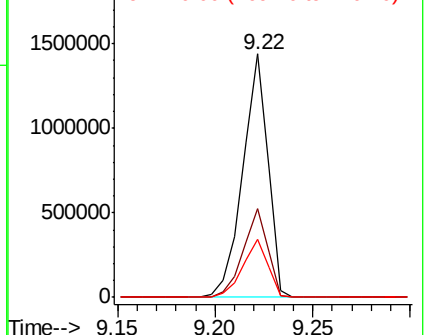
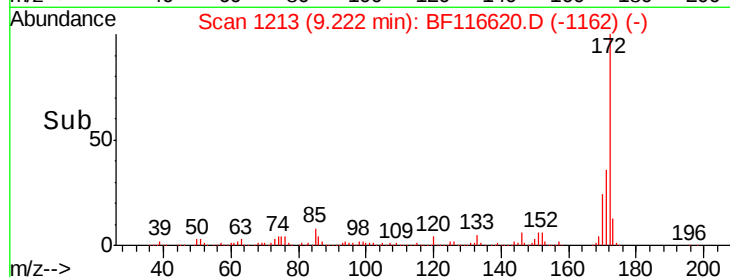


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.090 ng

RT: 9.32 min Scan# 1230

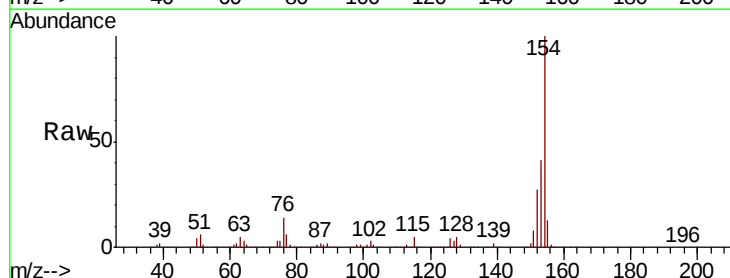
Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Tgt Ion:154 Resp: 813793

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.4	61.4
76	13.7	0.0	31.8

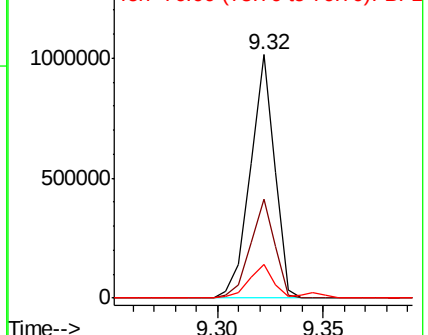
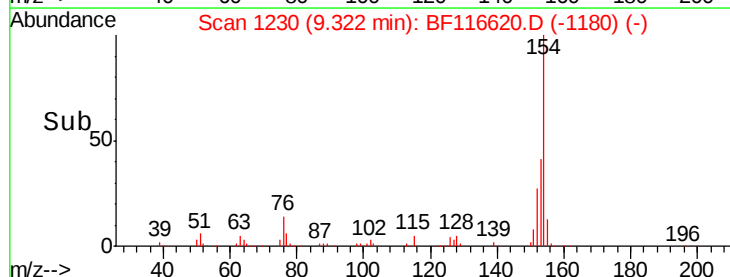


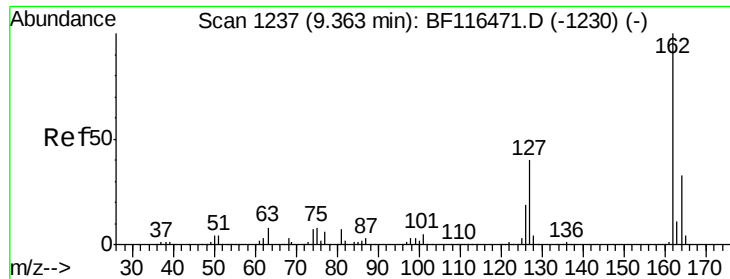
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

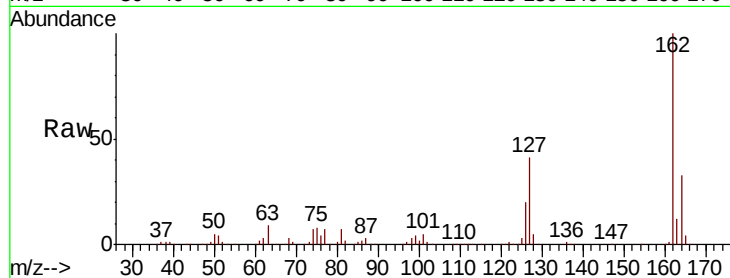




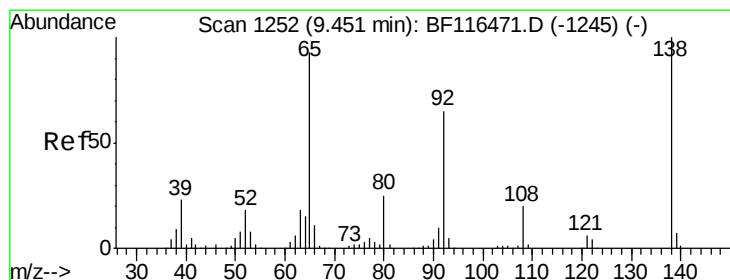
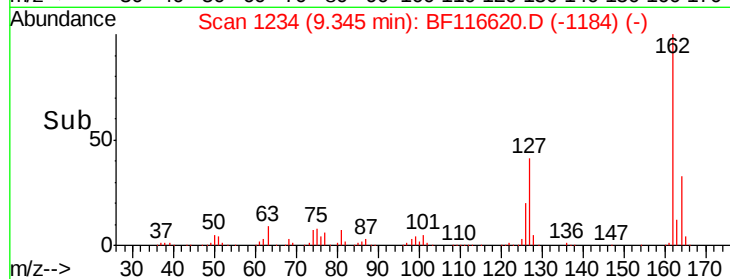
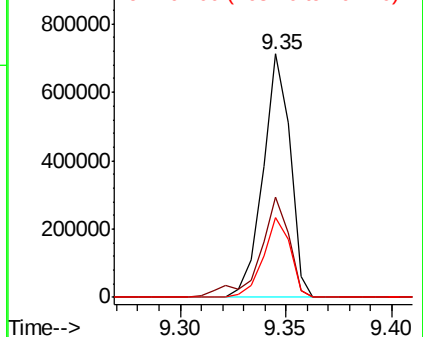
#47
 2-Chloronaphthalene
 Concen: 36.311 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	31.1	46.7
164	32.9	26.8	40.2

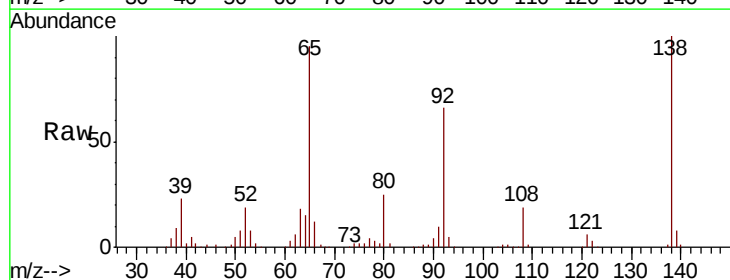


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

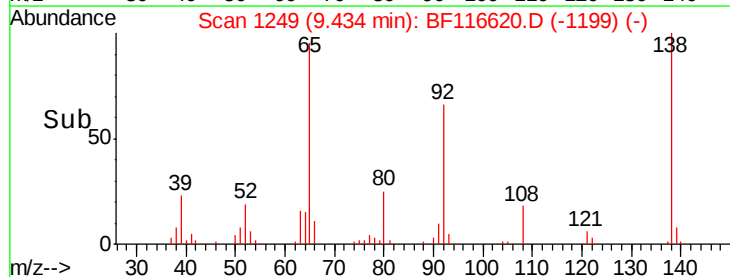
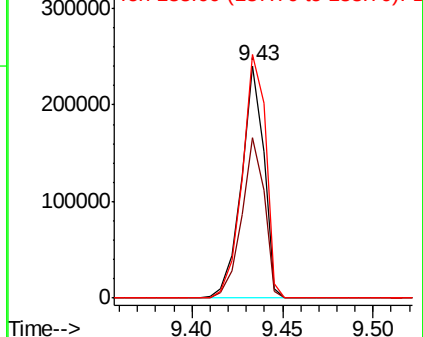


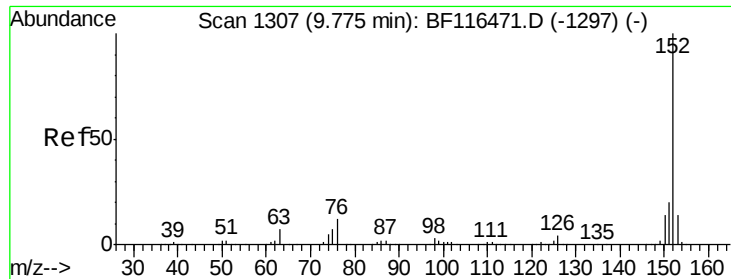
#48
 2-Nitroaniline
 Concen: 37.094 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	58.2	87.2
138	104.8	96.6	144.8



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: 40.654 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

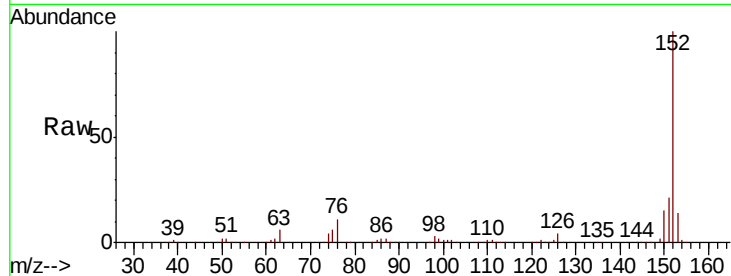
Tot Ion:152 Resp: 1049630

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

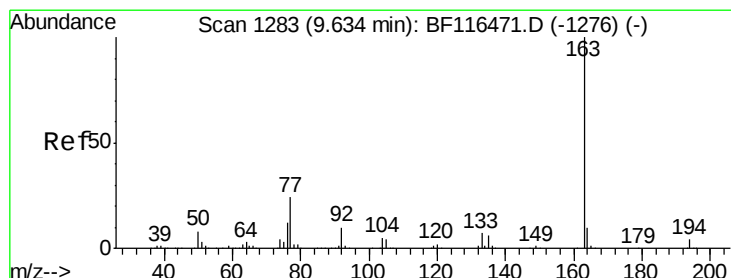
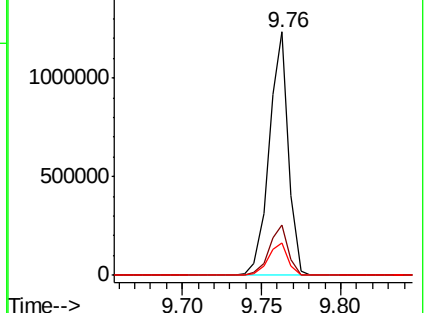
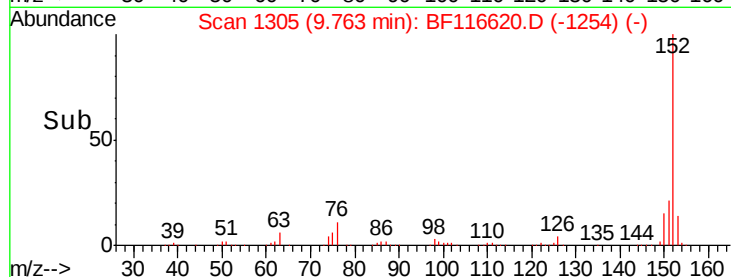
153 13.5 11.3 16.9



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: 36.379 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

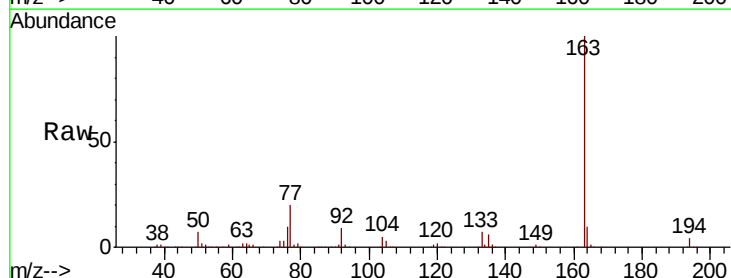
Tgt Ion:163 Resp: 726488

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

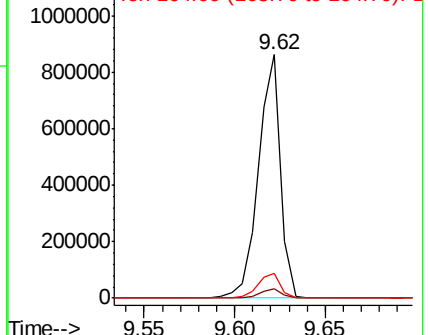
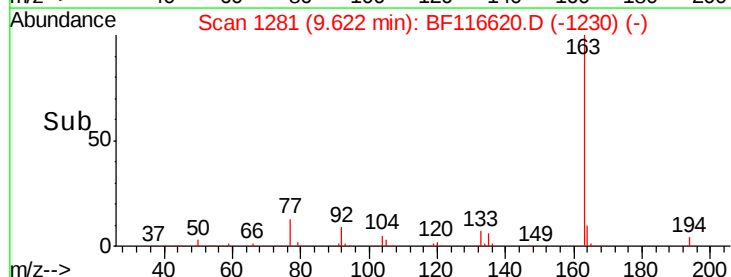
164 10.1 8.2 12.2

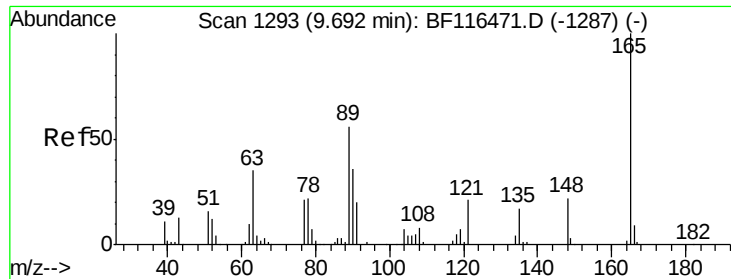


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.601 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

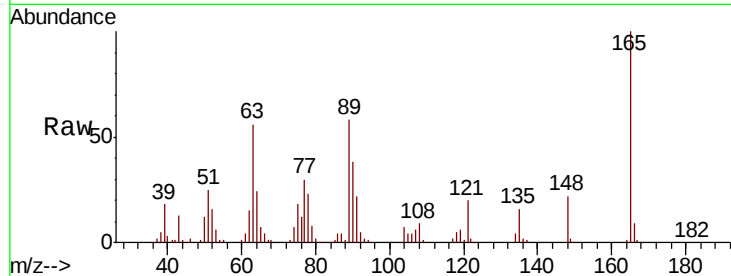
Tot Ion:165 Resp: 169986

Ion Ratio Lower Upper

165 100

63 55.9 37.2 55.8#

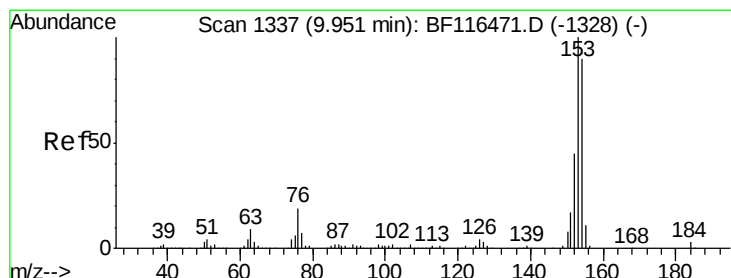
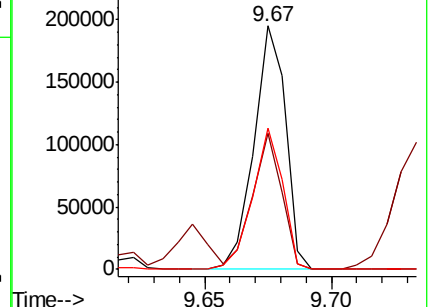
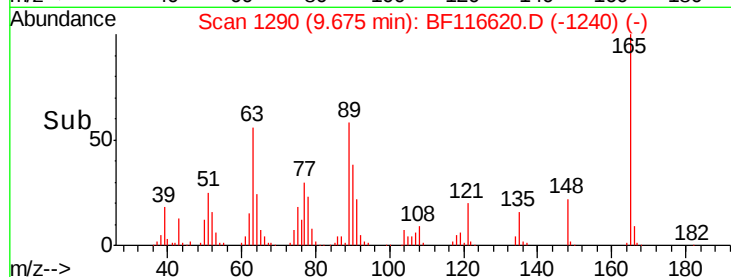
89 58.0 40.8 61.2



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



#52

Acenaphthene

Concen: 40.538 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

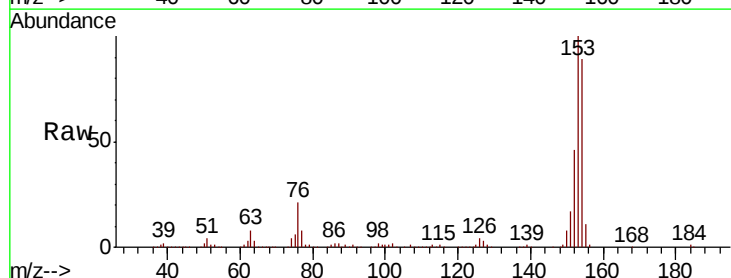
Tgt Ion:154 Resp: 708677

Ion Ratio Lower Upper

154 100

153 112.0 86.6 129.8

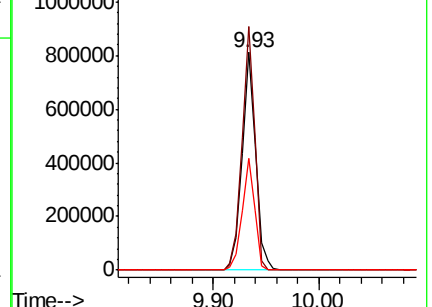
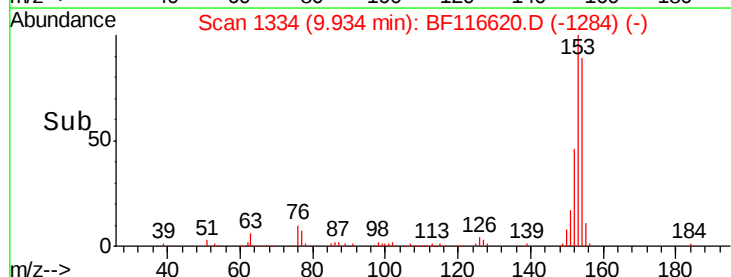
152 51.5 39.4 59.0

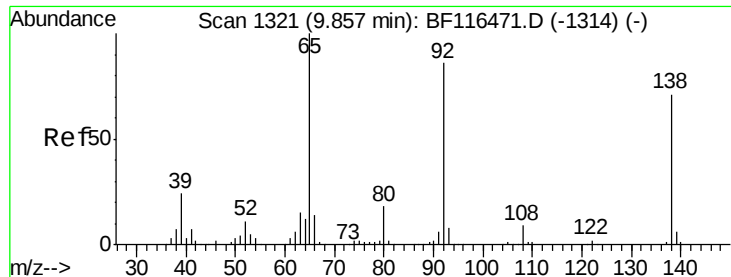


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

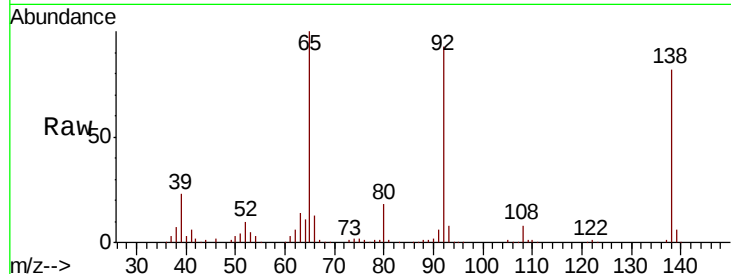




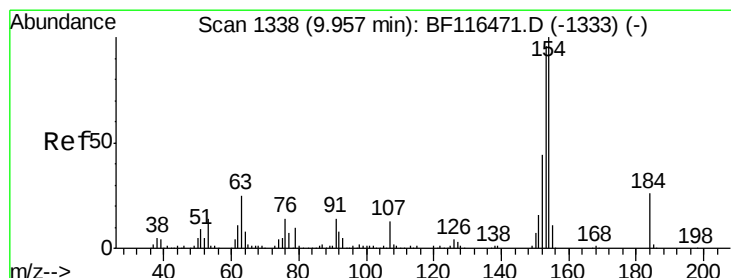
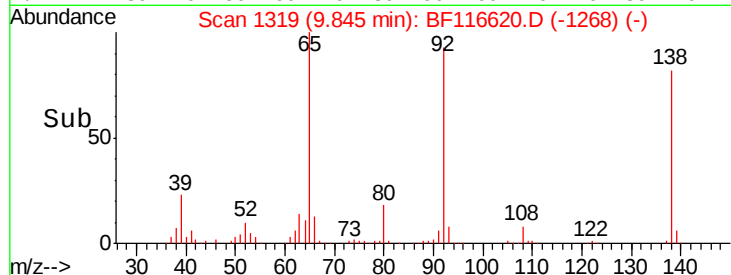
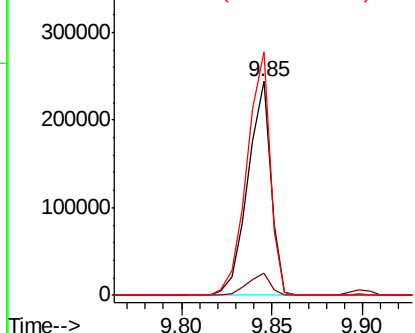
#53
3-Nitroaniline
Concen: 41.190 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 216584
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 114.0 91.6 137.4

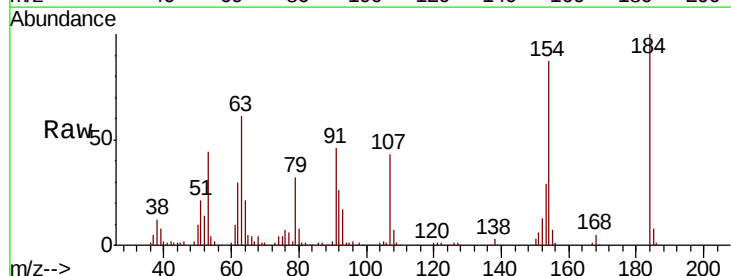


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

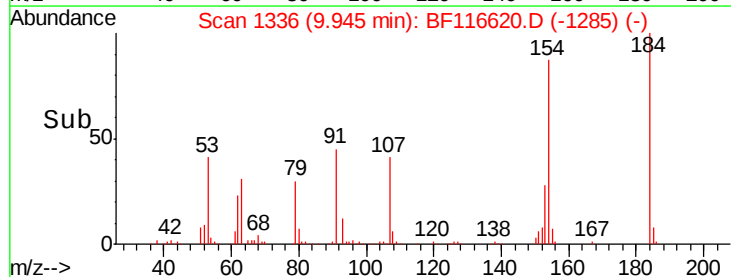
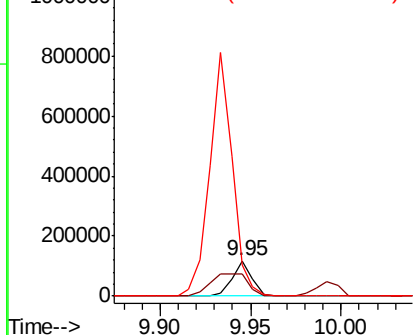


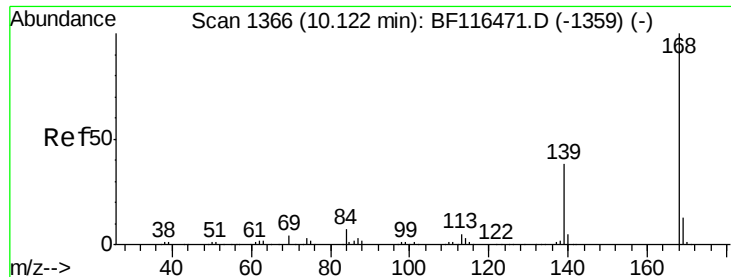
#54
2,4-Dinitrophenol
Concen: 41.499 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:184 Resp: 90552
Ion Ratio Lower Upper
184 100
63 61.3 62.7 94.1#
154 86.7 150.0 225.0#



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





#55

Dibenzenofuran

Concen: 40.822 ng

RT: 10.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

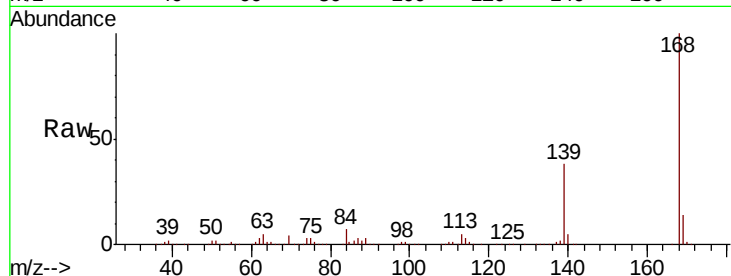
Tot Ion:168 Resp: 961017

Ion Ratio Lower Upper

168 100

139 38.2 31.3 46.9

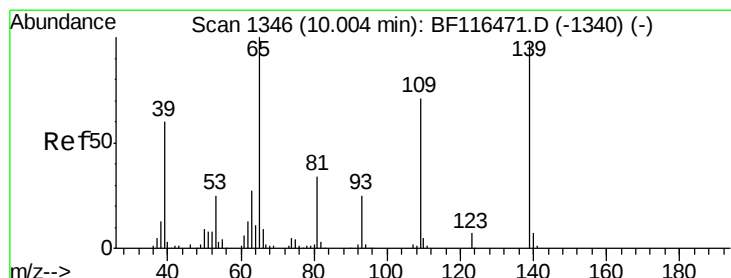
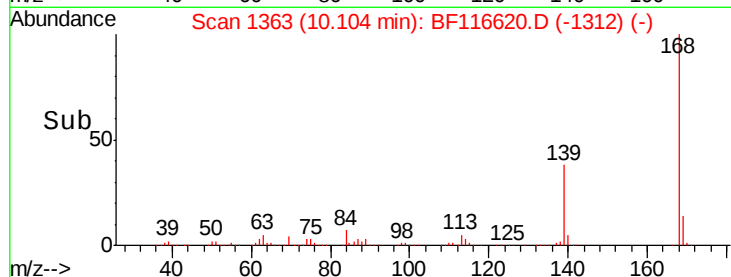
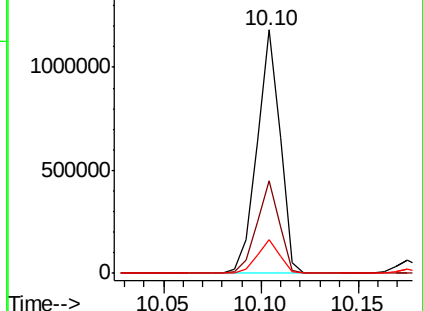
169 13.6 11.3 16.9



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: 42.456 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

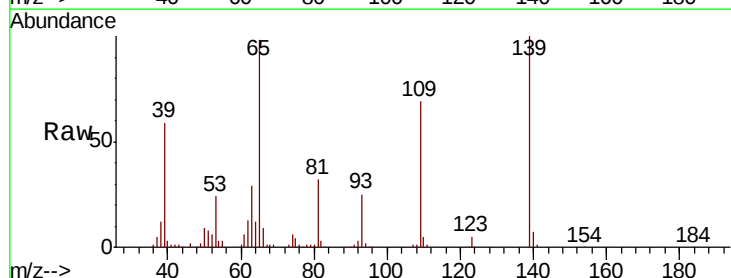
Tgt Ion:139 Resp: 169708

Ion Ratio Lower Upper

139 100

109 69.4 45.5 85.5

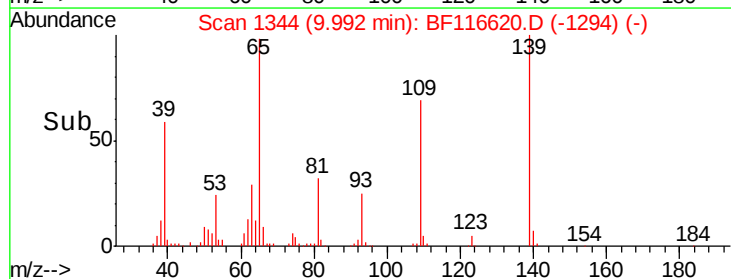
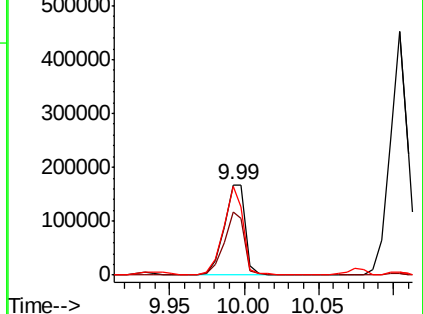
65 98.3 66.8 106.8

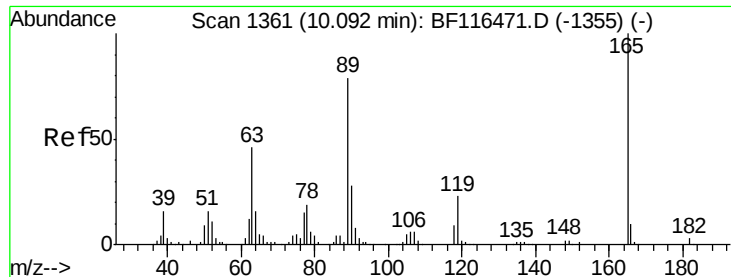


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

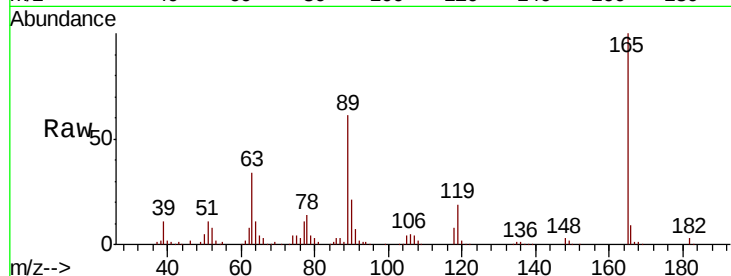




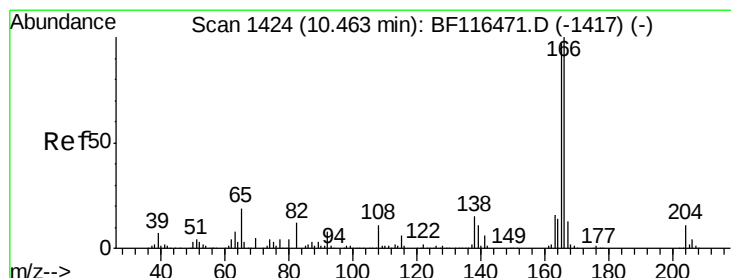
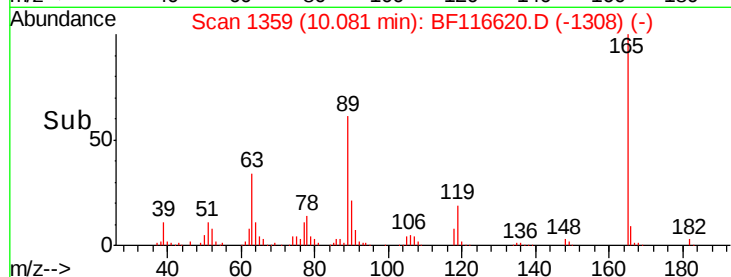
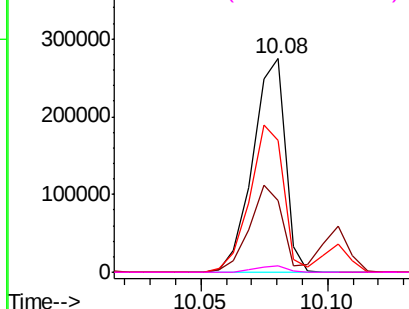
#57
2,4-Dinitrotoluene
Concen: 42.268 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	245604
Ion	Ratio	Lower Upper
165	100	
63	33.7	30.9 46.3
89	61.5	55.0 82.6
182	2.8	2.2 3.2

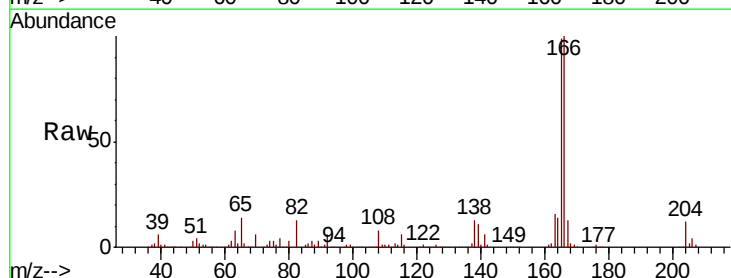


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

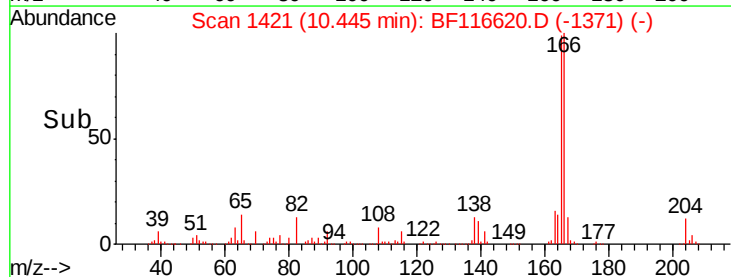
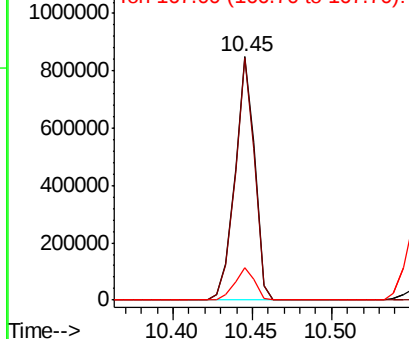


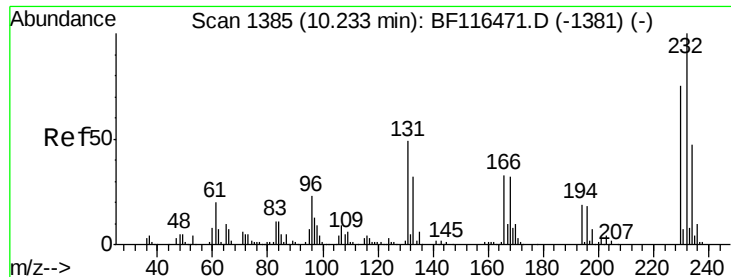
#58
Fluorene
Concen: 40.786 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:166	Resp:	728714
Ion	Ratio	Lower Upper
166	100	
165	99.4	77.8 116.6
167	13.5	10.6 16.0



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

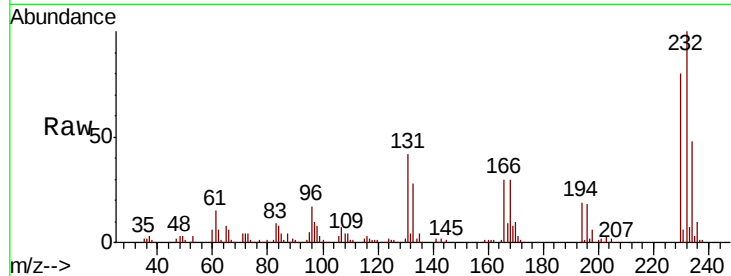




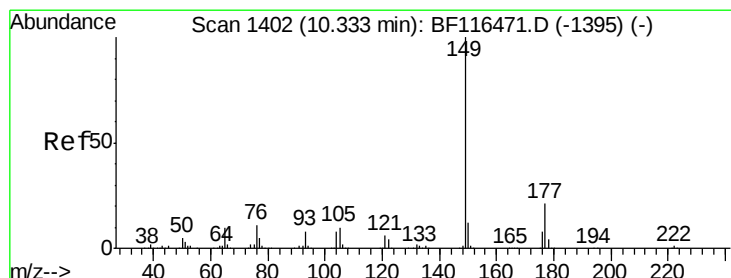
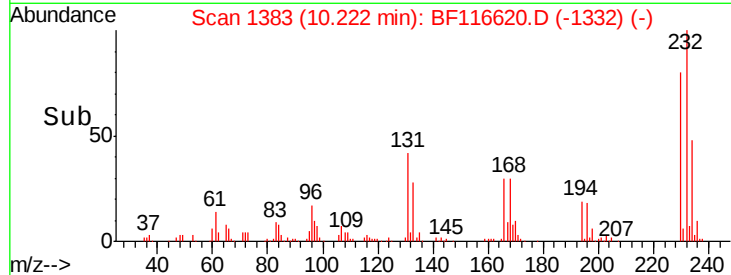
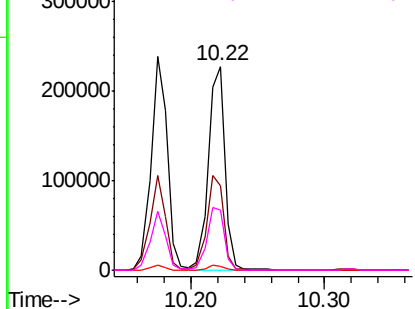
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.379 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	200817
Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.7	56.5
130	2.3	1.8	2.6
166	31.7	25.5	38.3

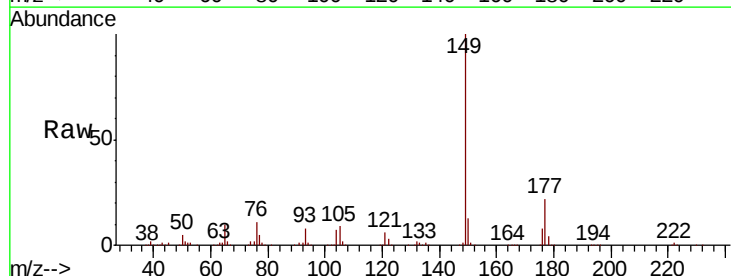


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

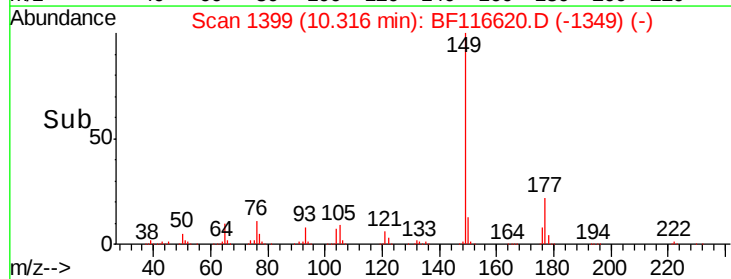
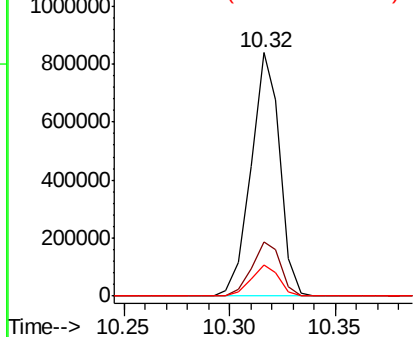


#60
 Diethylphthalate
 Concen: 40.584 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion:	149	Resp:	791104
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.2	27.4
150	12.6	10.1	15.1



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

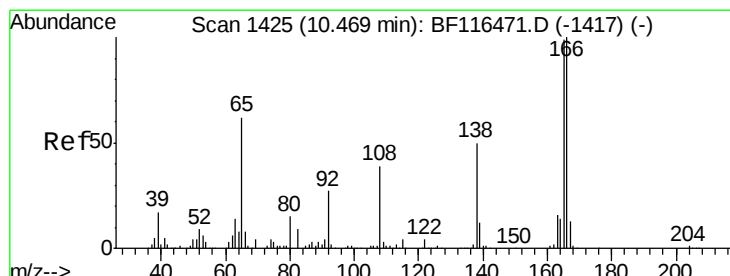
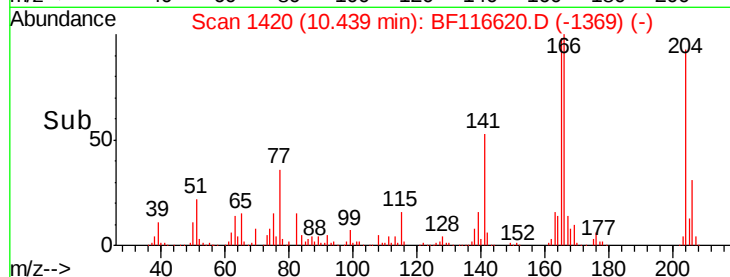
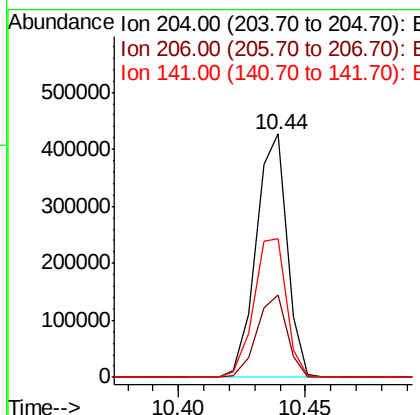
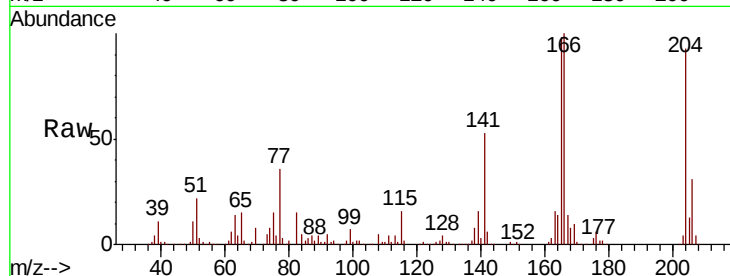




#61
 4-Chlorophenyl-phenylether
 Concen: 40.717 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

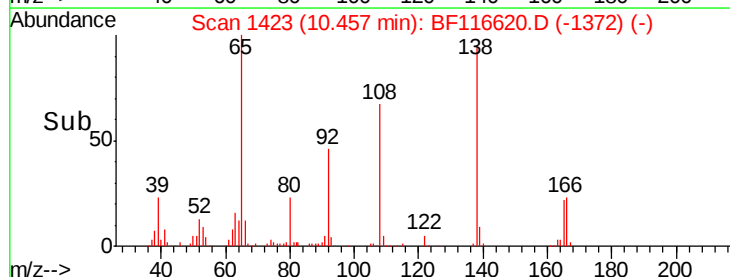
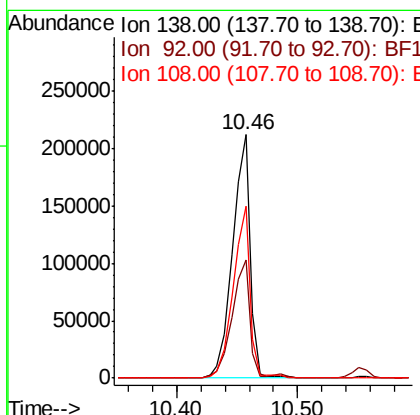
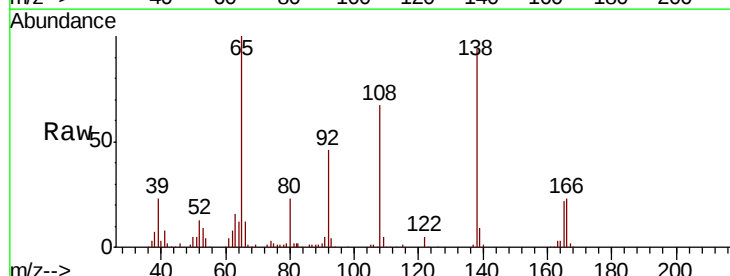
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.0	39.0
141	57.2	47.9	71.9



#62
 4-Nitroaniline
 Concen: 42.213 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	28.9	68.9
108	70.4	49.3	89.3

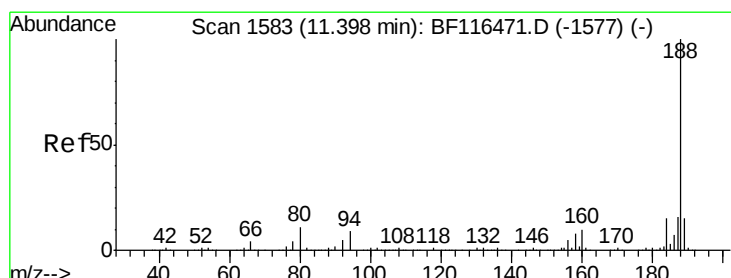
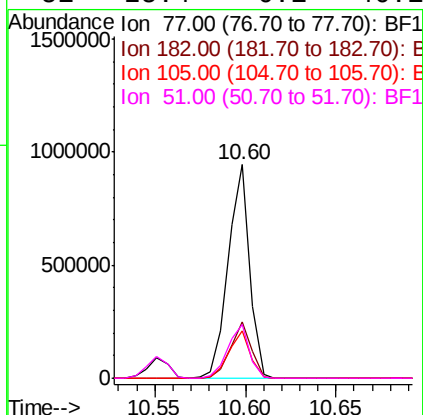
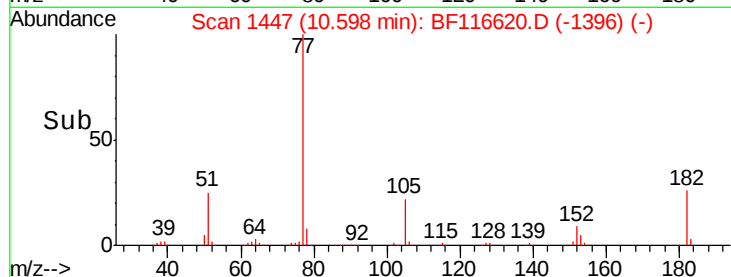
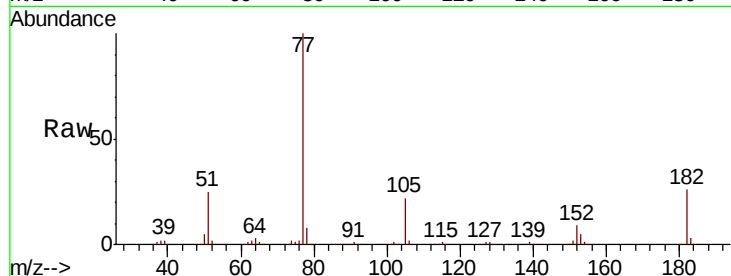




#63
Azobenzene
Concen: 39.609 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

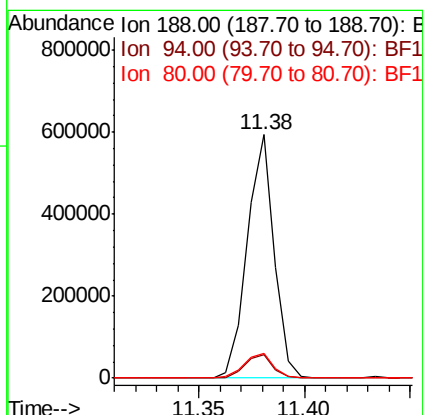
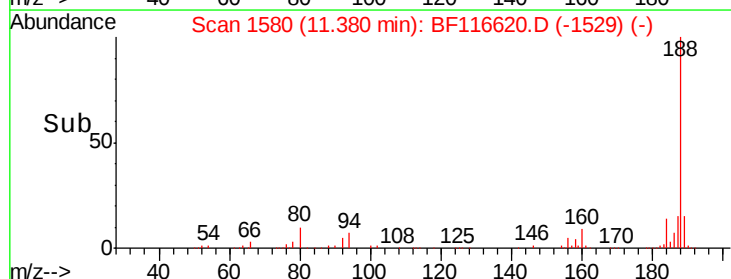
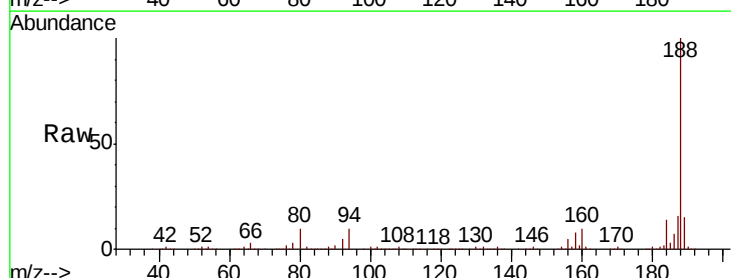
Instrument :
BNA_F
ClientSampleId :

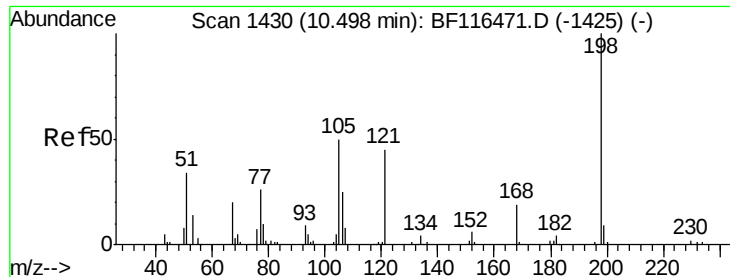
Tot Ion:	77	Resp:	779423
Ion	Ratio	Lower	Upper
77	100		
182	26.5	3.8	43.8
105	22.5	1.6	41.6
51	25.4	6.1	46.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:	188	Resp:	522180
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.4
80	10.2	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 41.902 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

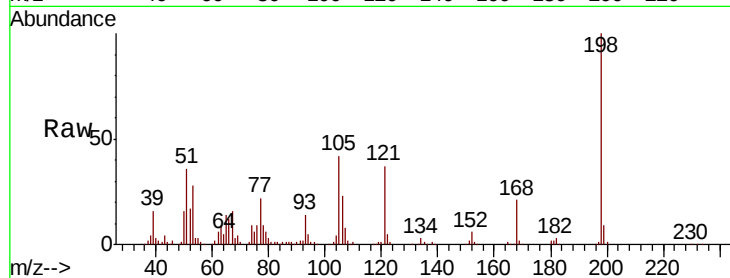
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 116725

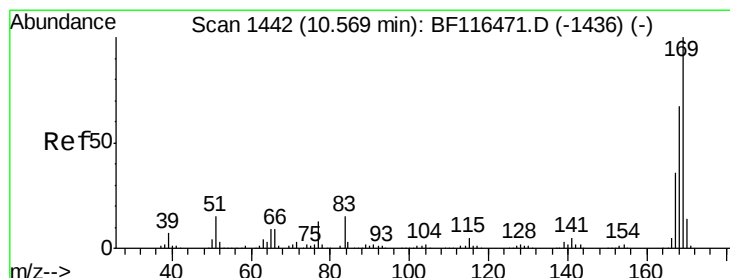
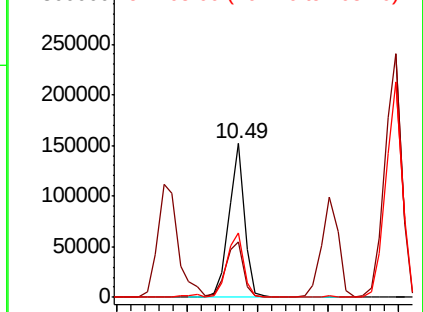
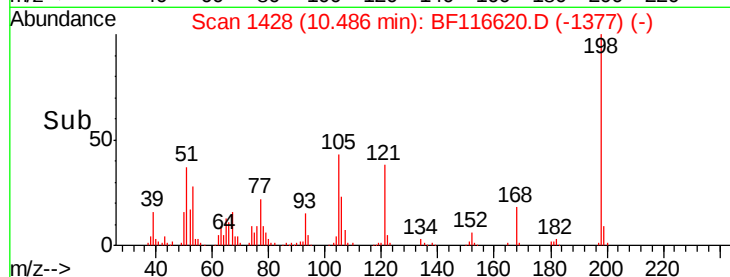
Ion	Ratio	Lower	Upper
198	100		
51	36.3	21.9	61.9
105	42.2	25.2	65.2



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: 40.203 ng

RT: 10.55 min Scan# 1439

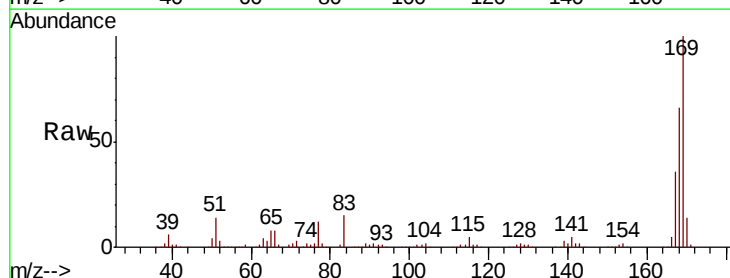
Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Tgt Ion:169 Resp: 664547

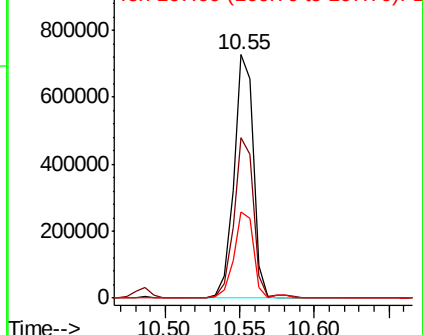
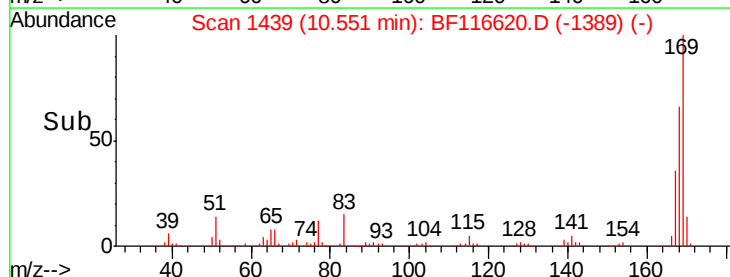
Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.8	80.8
167	35.6	29.3	43.9

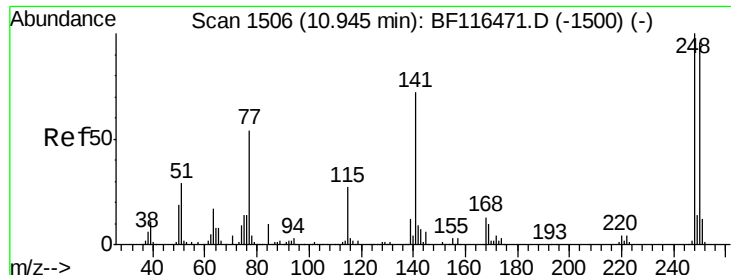


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

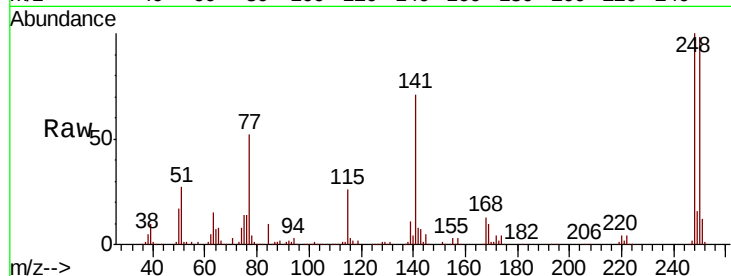




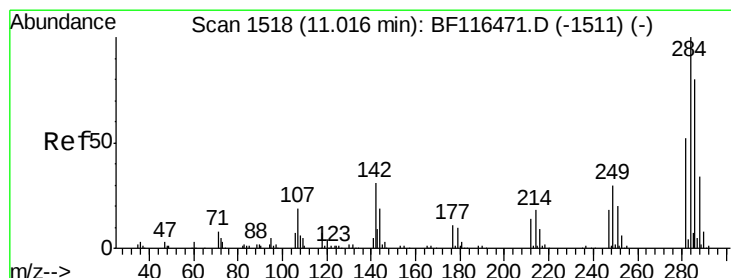
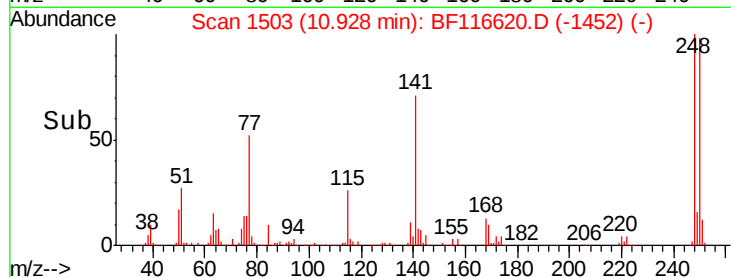
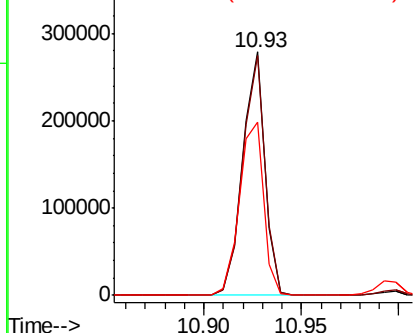
#67
4-Bromophenyl-phenylether
Concen: 39.841 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 220673
Ion Ratio Lower Upper
248 100
250 98.4 76.6 115.0
141 70.9 60.8 91.2

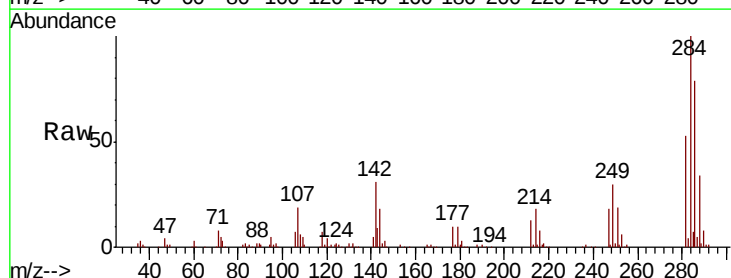


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

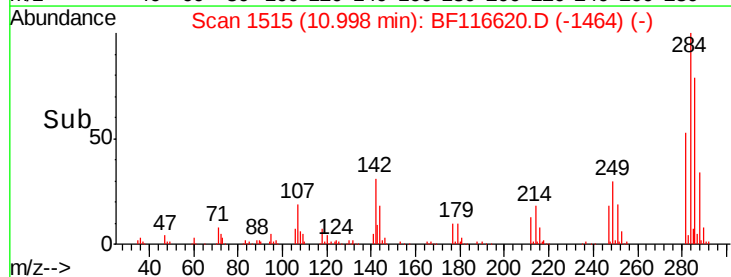
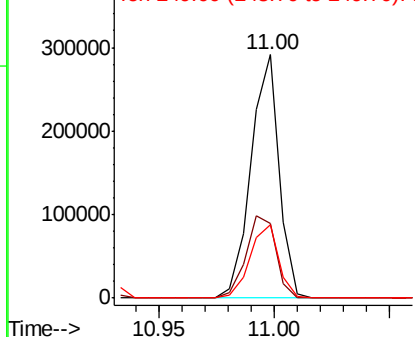


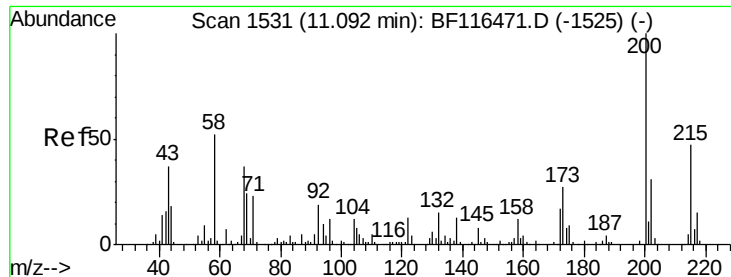
#68
Hexachlorobenzene
Concen: 40.247 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:284 Resp: 248184
Ion Ratio Lower Upper
284 100
142 30.8 27.8 41.8
249 30.0 24.2 36.4



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

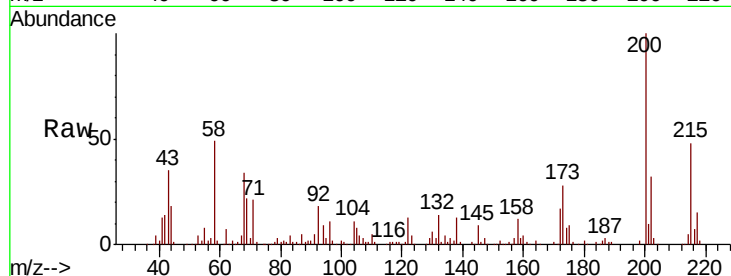




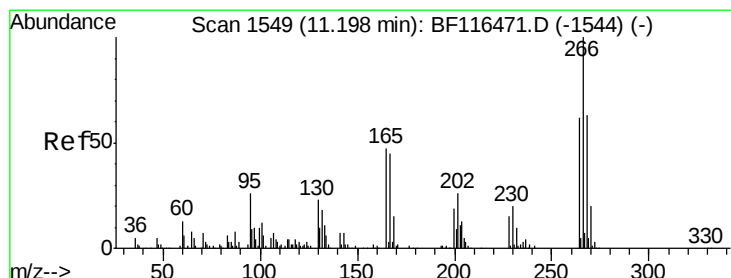
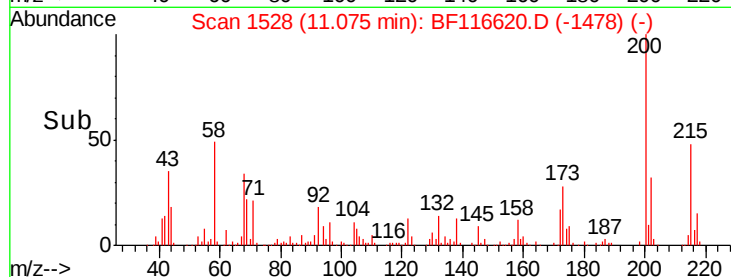
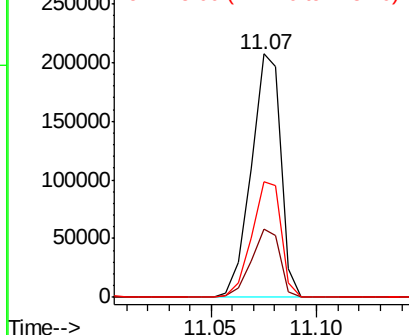
#69
Atrazine
Concen: 41.310 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.8	46.8
215	47.5	28.5	68.5

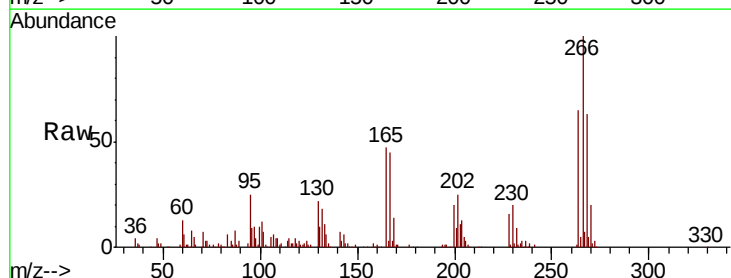


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

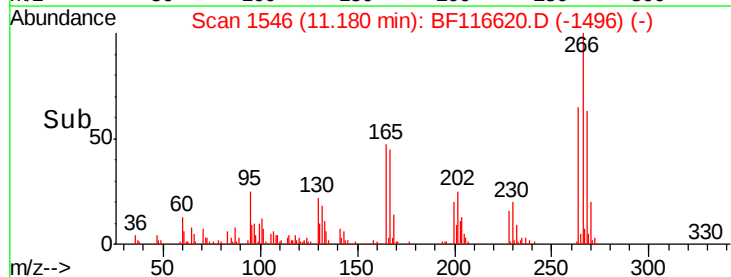
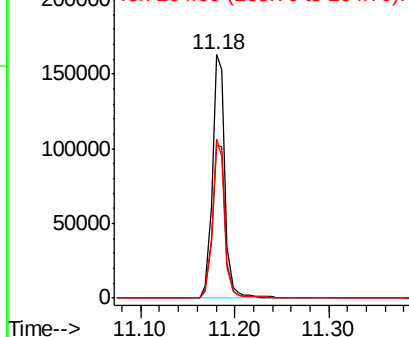


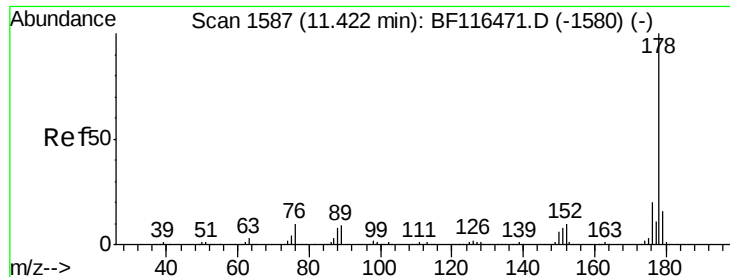
#70
Pentachlorophenol
Concen: 41.278 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	49.8	74.8
264	65.1	49.9	74.9



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: 39.949 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

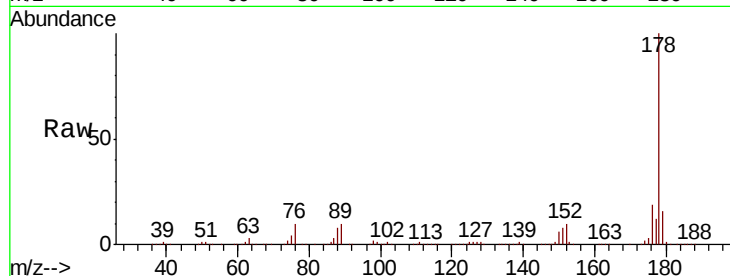
Tot Ion:178 Resp: 1120473

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

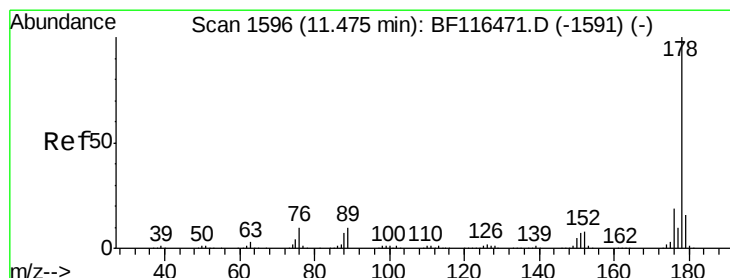
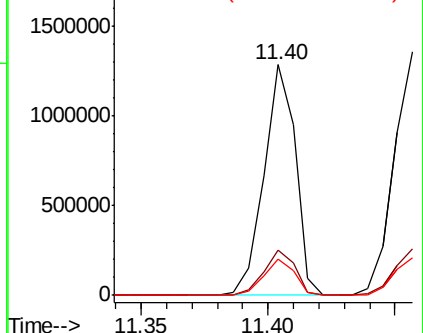
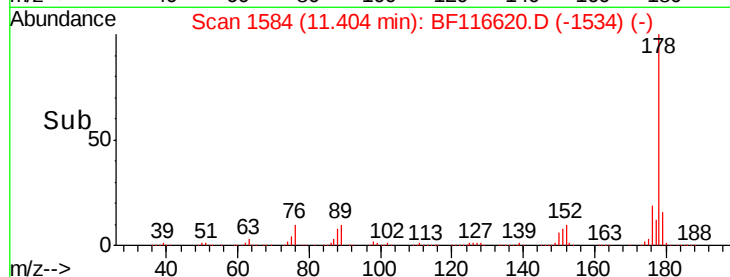
179 15.9 12.4 18.6



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: 40.465 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

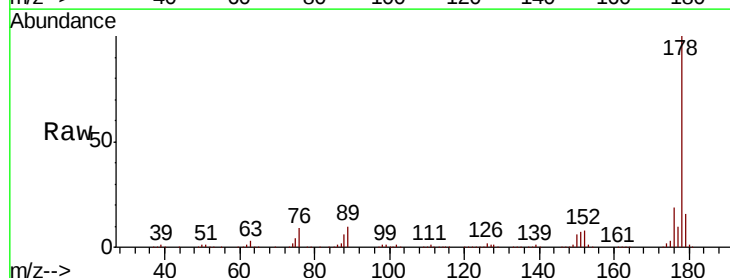
Tgt Ion:178 Resp: 1134815

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

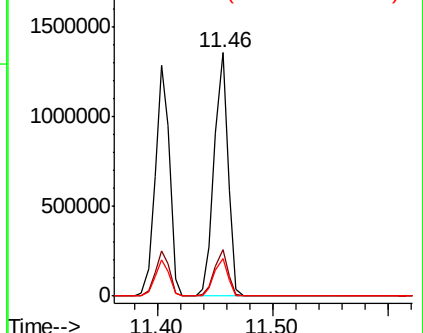
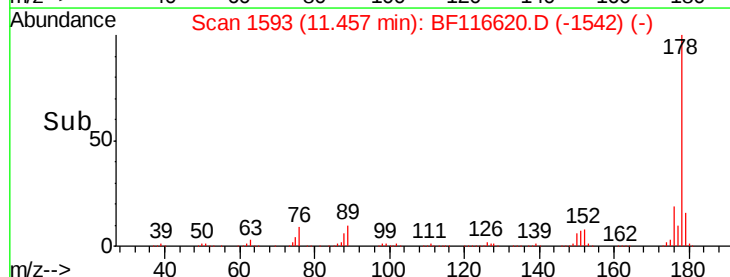
179 15.6 12.7 19.1

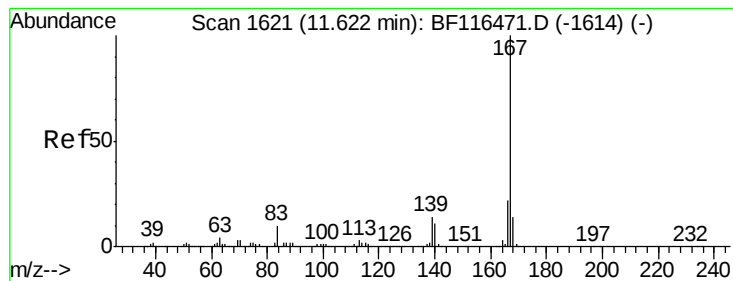


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.475 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

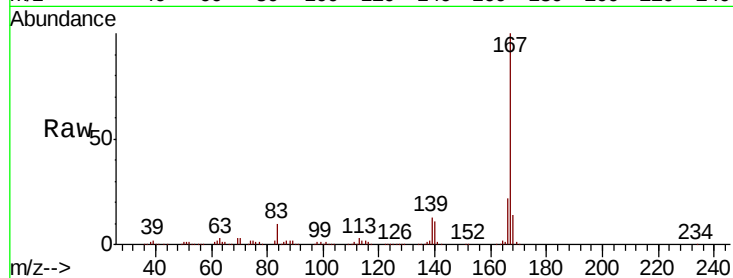
Tot Ion:167 Resp: 1013817

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.2	10.3	15.5

167 100

166 22.3 17.9 26.9

139 13.2 10.3 15.5

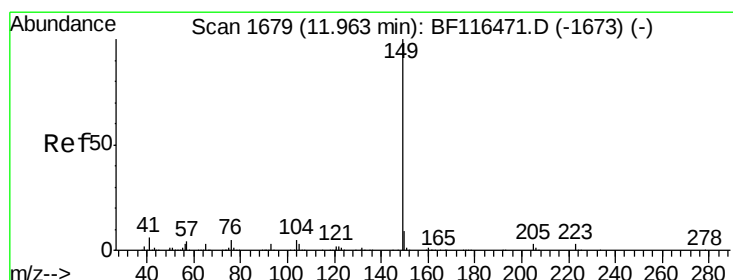
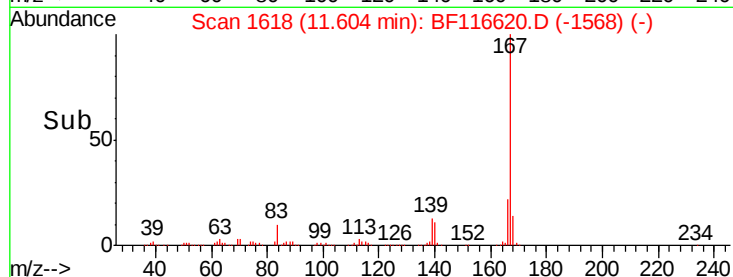
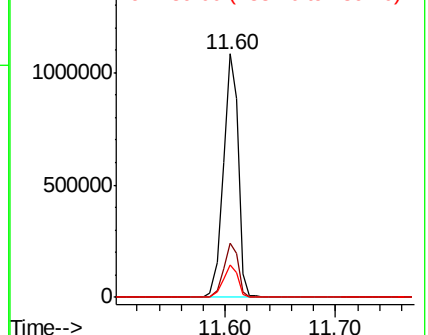


Abundance

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: 43.829 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

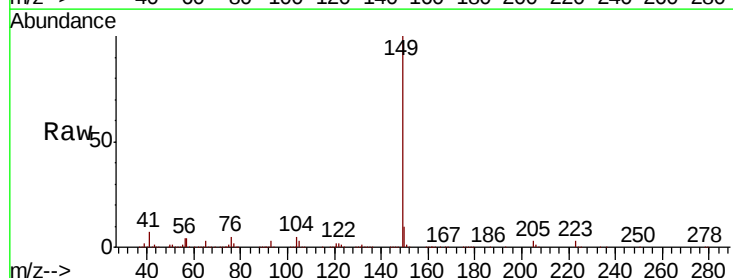
Tgt Ion:149 Resp: 1212319

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.3	4.2	6.4

149 100

150 9.7 7.7 11.5

104 5.3 4.2 6.4

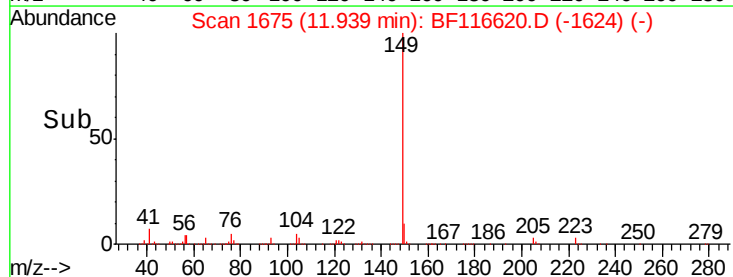
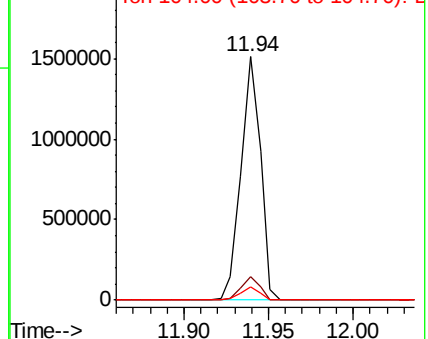


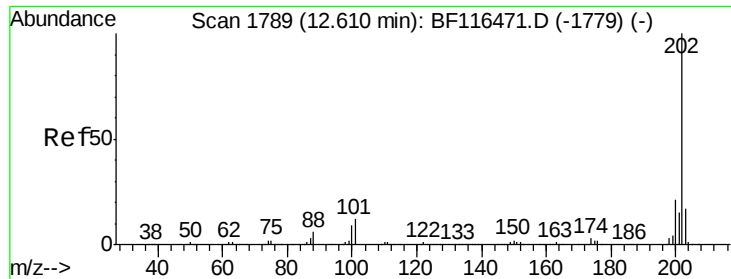
Abundance

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

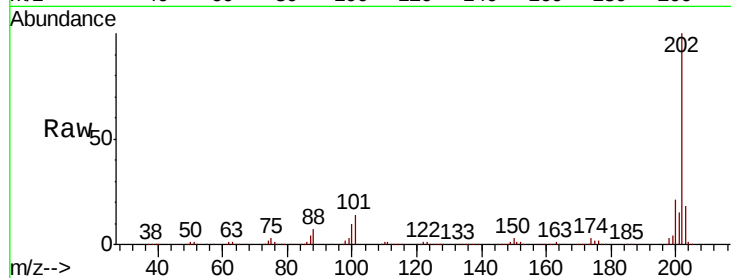




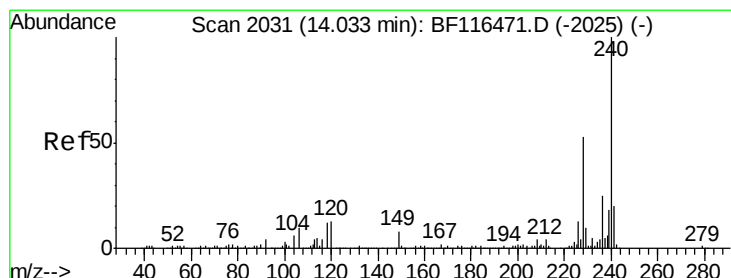
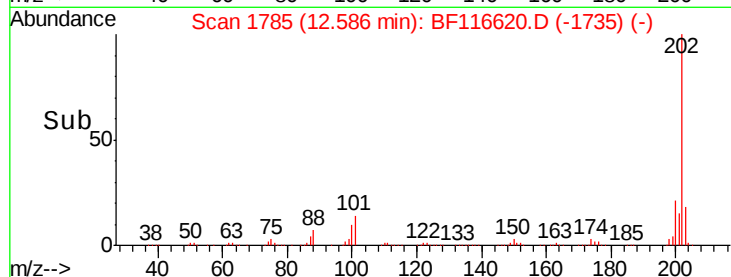
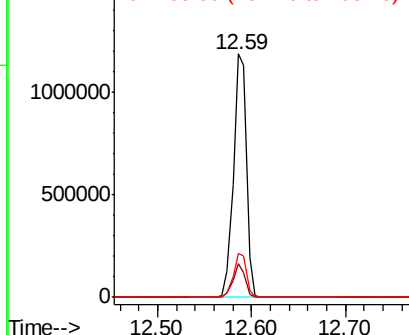
#75
 Fluoranthene
 Concen: 45.323 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1140056
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 31.8
 203 18.2 0.0 37.1

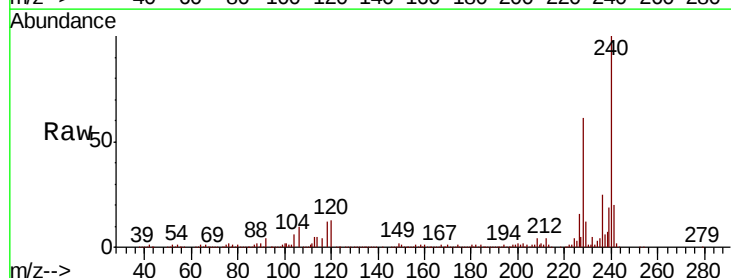


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

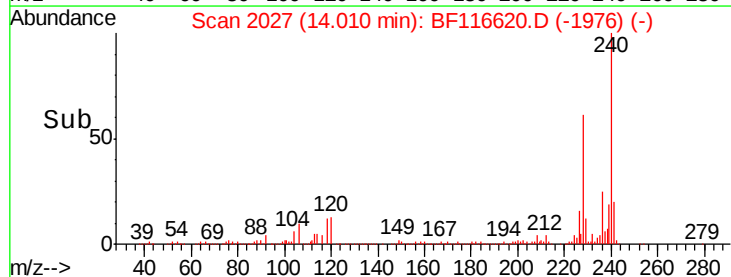
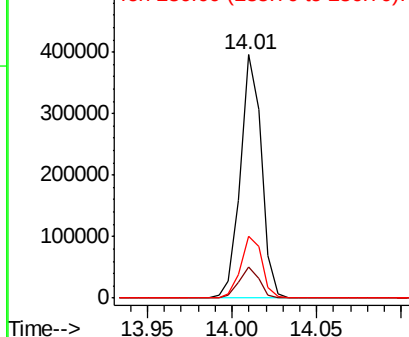


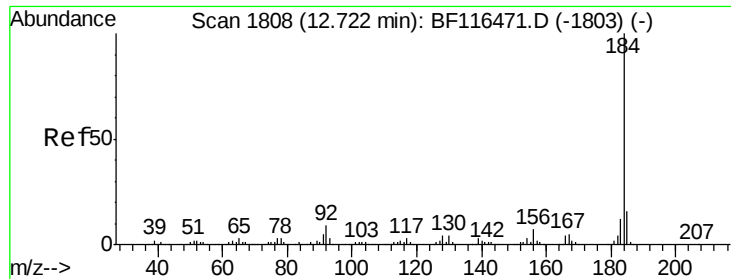
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF116620.D
 Acq: 28 Aug 2019 17:42

Tgt Ion:240 Resp: 343447
 Ion Ratio Lower Upper
 240 100
 120 12.8 11.3 16.9
 236 25.3 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.022 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

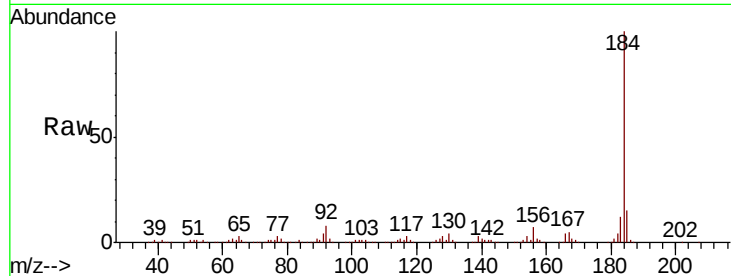
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 522099

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.5	17.3
183	12.1	9.3	13.9

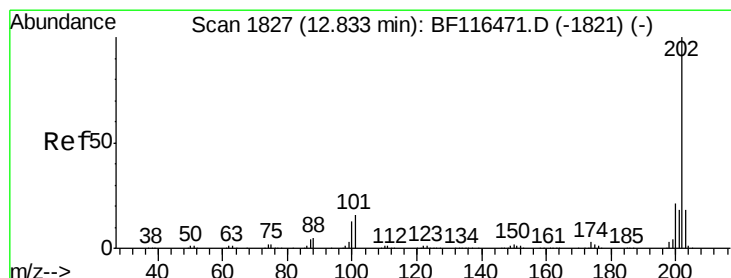
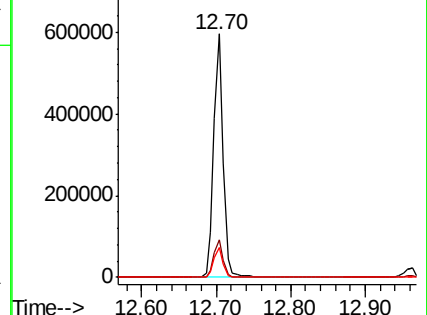
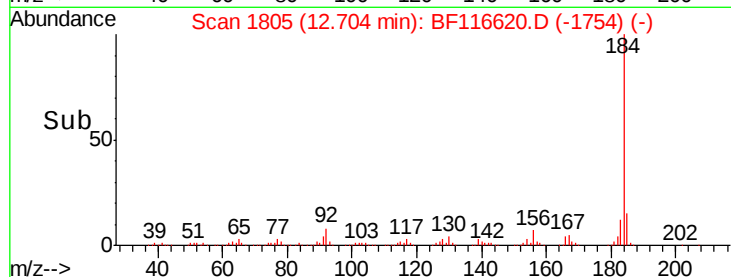


Abundance

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: 36.520 ng

RT: 12.82 min Scan# 1824

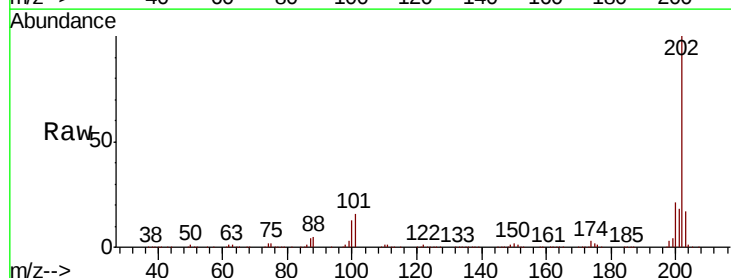
Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Tgt Ion:202 Resp: 1153359

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.0
203	17.4	14.2	21.4

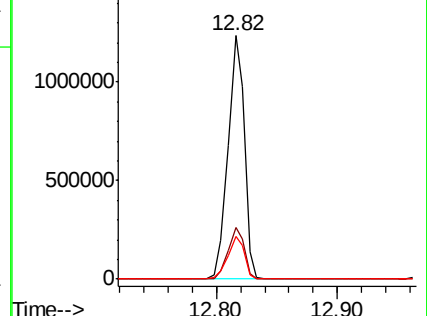
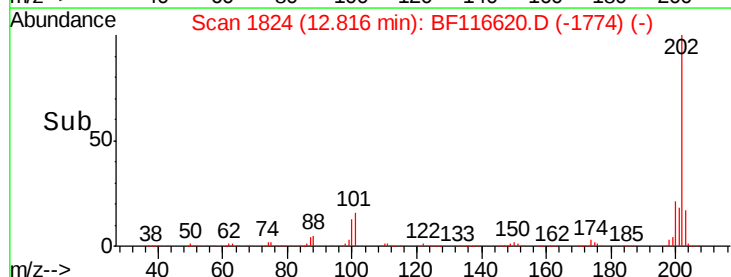


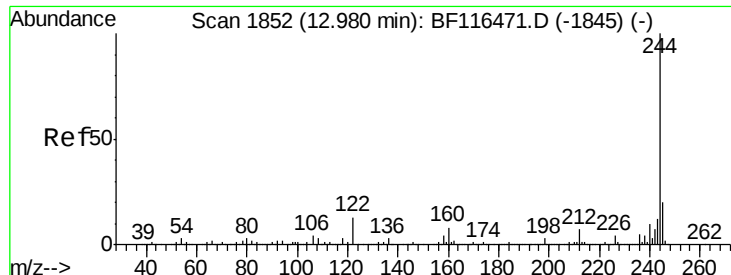
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.580 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

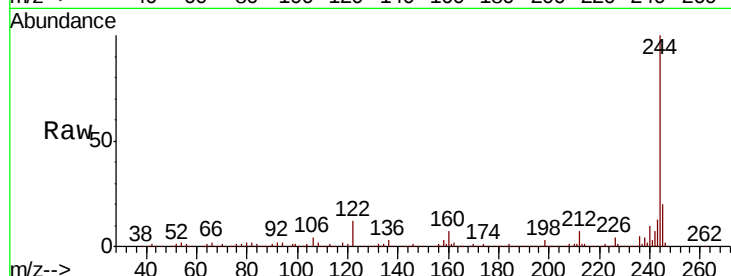
Tot Ion:244 Resp: 1553832

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

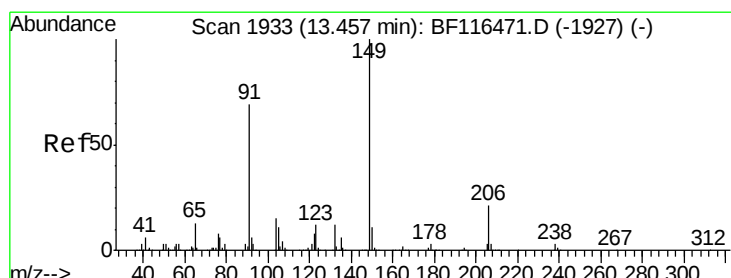
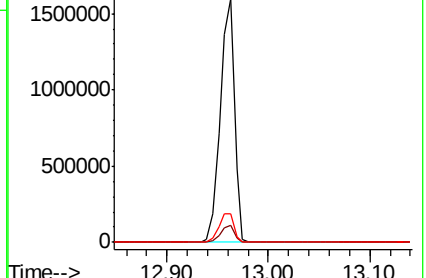
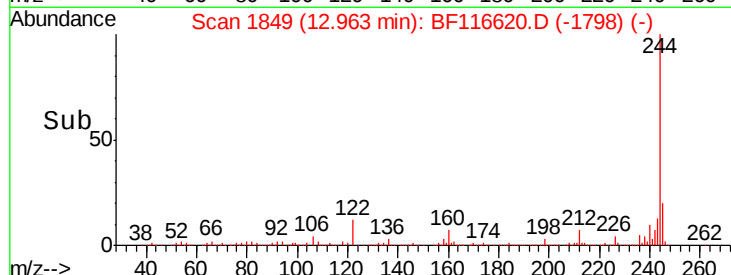
122 11.8 10.0 15.0



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: 39.679 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

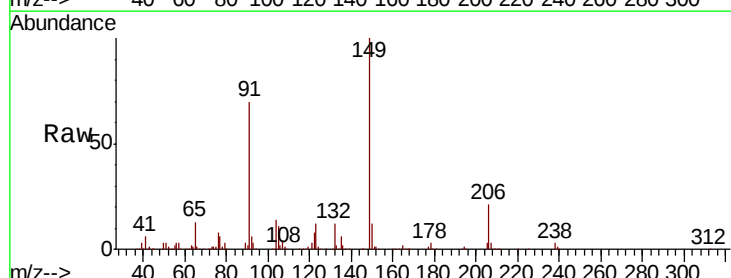
Tgt Ion:149 Resp: 485524

Ion Ratio Lower Upper

149 100

91 70.3 57.9 86.9

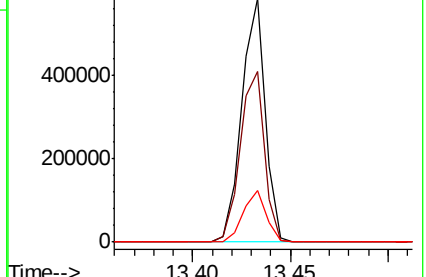
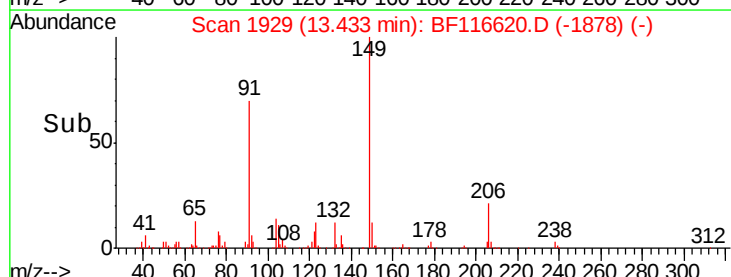
206 21.3 16.2 24.4

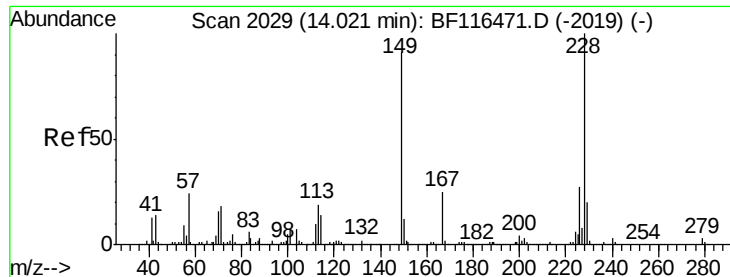


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.291 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampled :

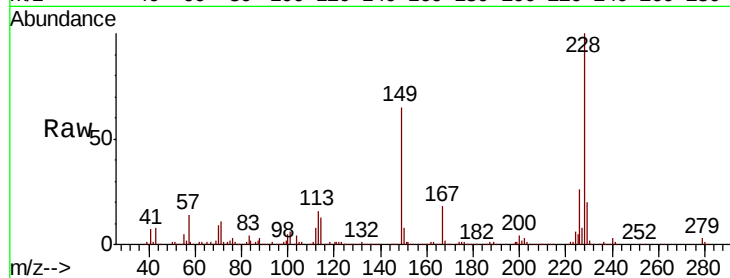
Tot Ion:228 Resp: 899683

Ion Ratio Lower Upper

228 100

226 26.5 21.5 32.3

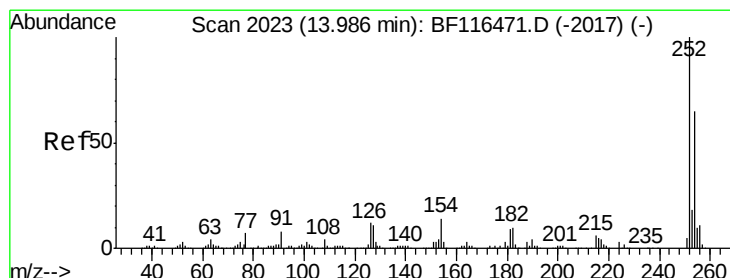
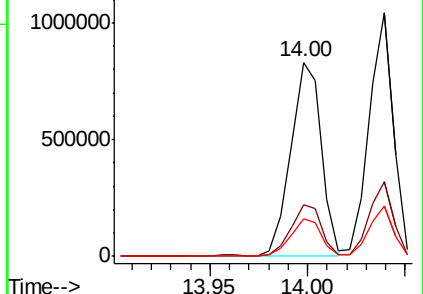
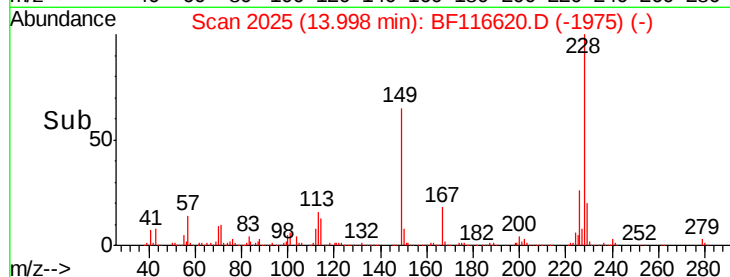
229 19.5 15.4 23.0



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: 43.030 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

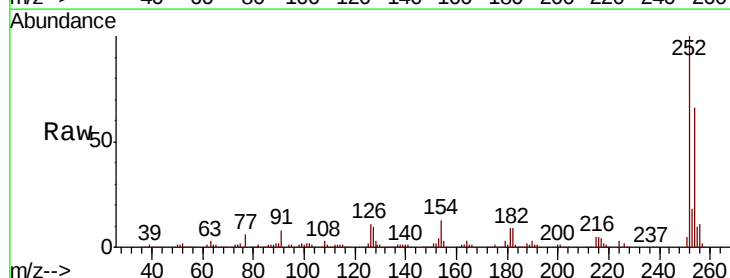
Tgt Ion:252 Resp: 320629

Ion Ratio Lower Upper

252 100

254 65.7 51.9 77.9

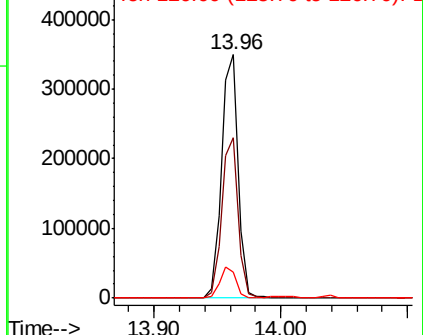
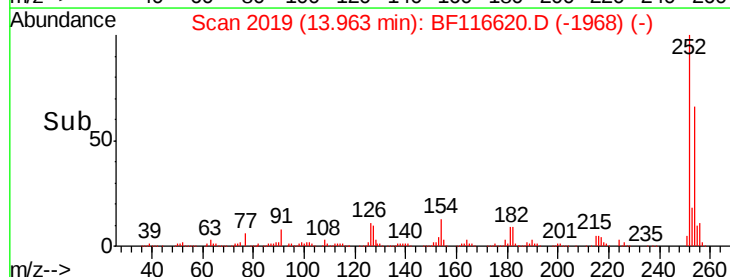
126 10.8 8.7 13.1

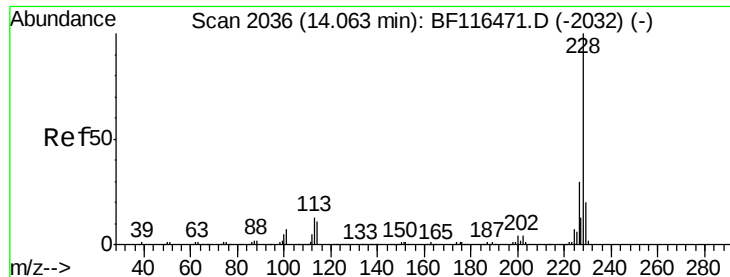


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.973 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampled :

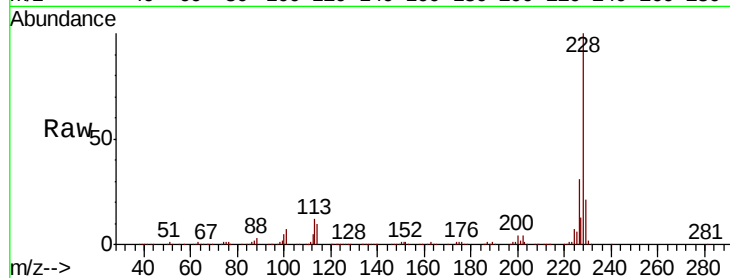
Tot Ion:228 Resp: 896059

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

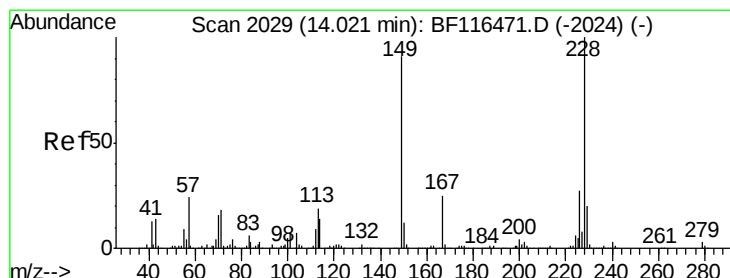
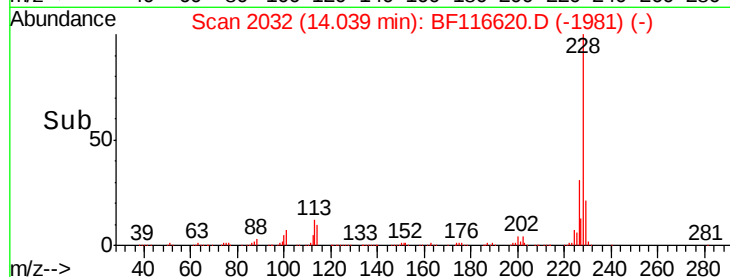
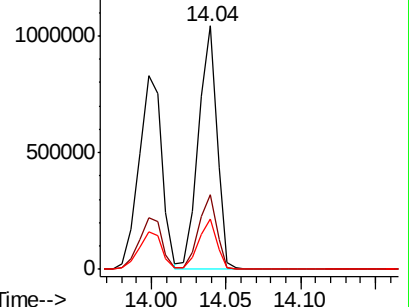
229 20.5 15.8 23.8



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: 41.496 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

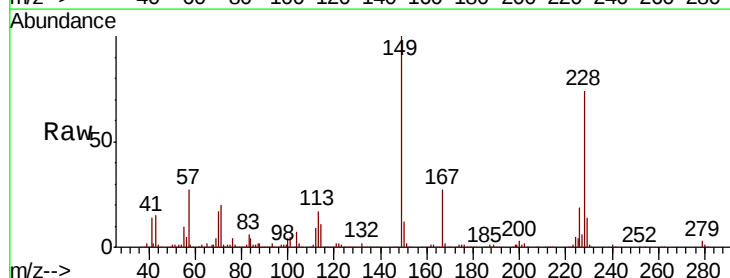
Tgt Ion:149 Resp: 595423

Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

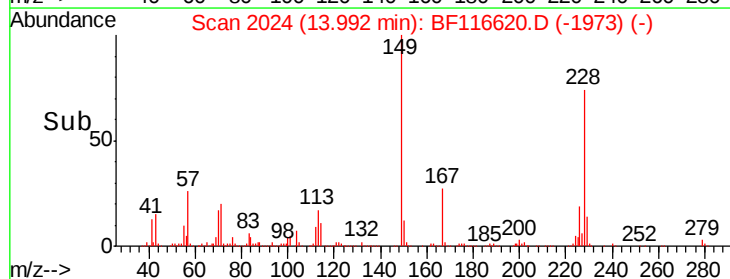
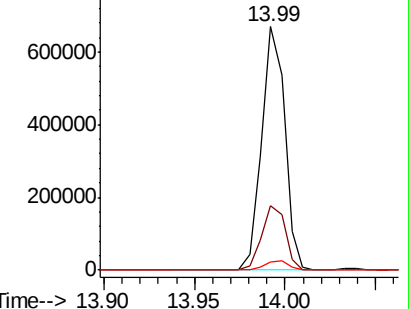
279 3.3 2.7 4.1

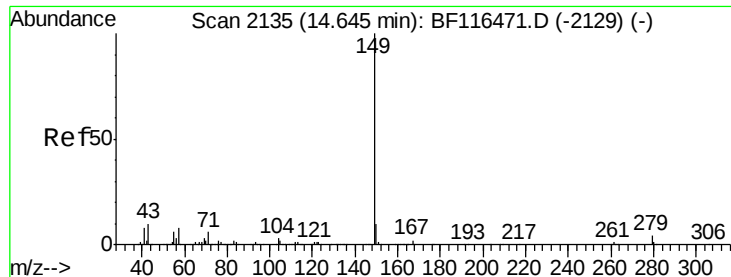


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

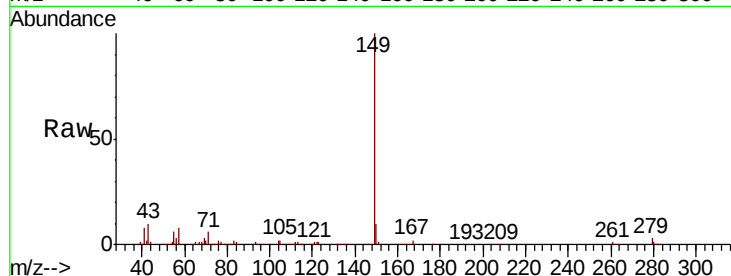




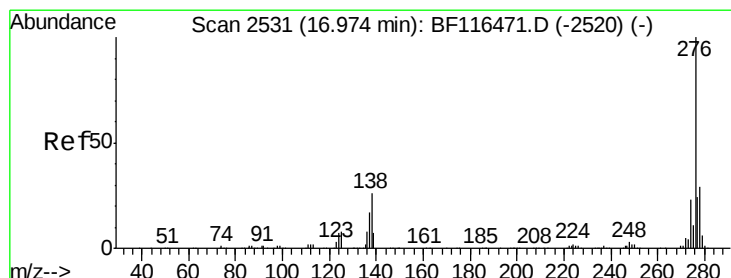
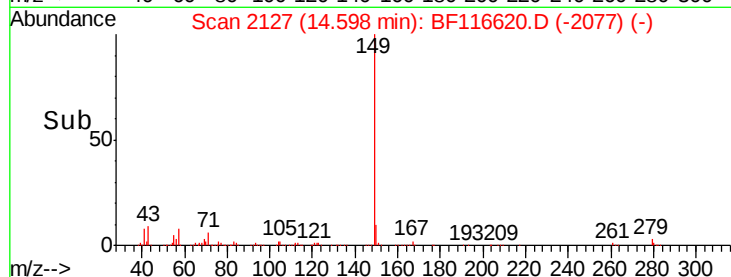
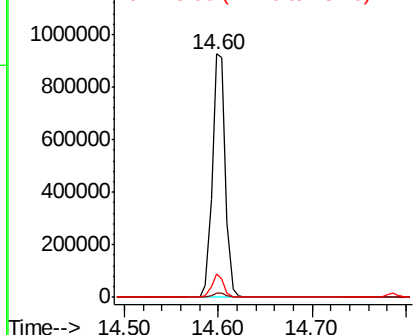
#85
Di-n-octyl phthalate
Concen: 43.670 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 913974
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 7.4 11.0

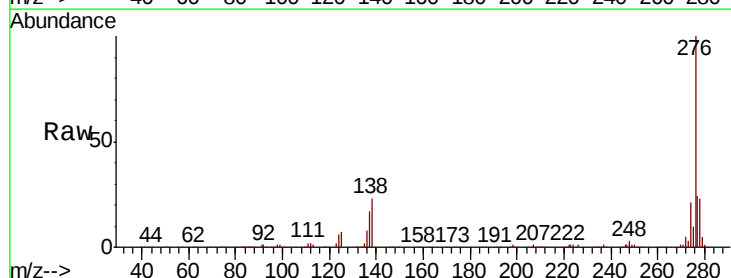


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

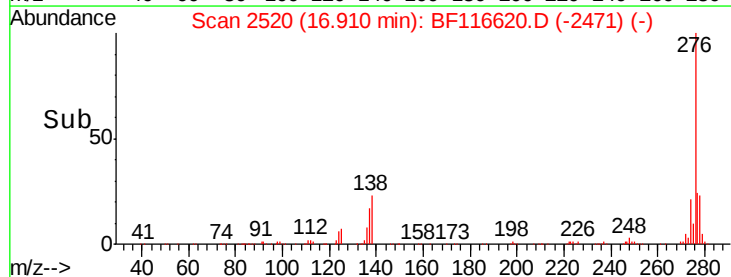
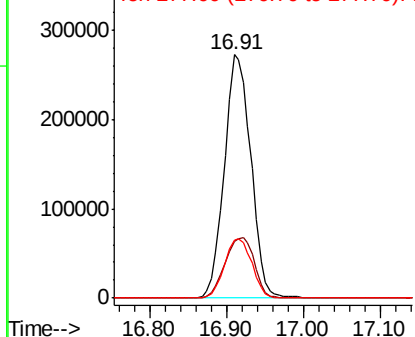


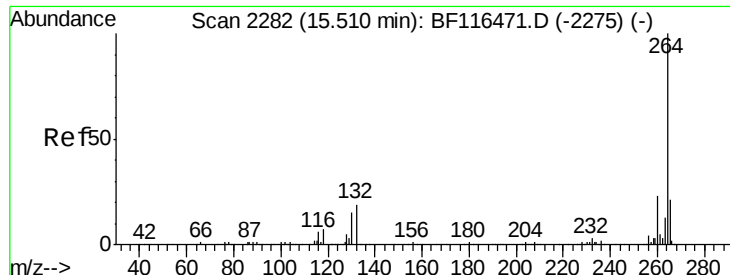
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.762 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:276 Resp: 656500
Ion Ratio Lower Upper
276 100
138 27.4 21.5 32.3
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

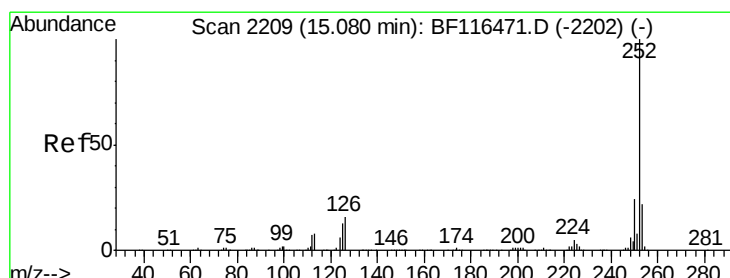
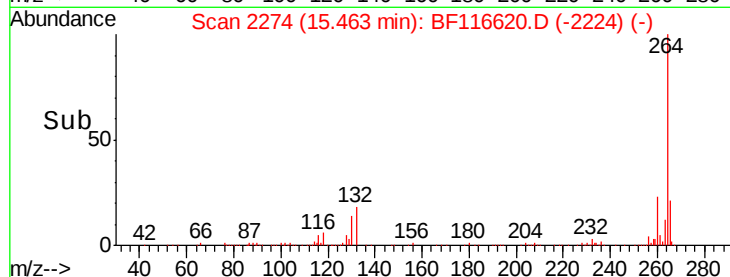
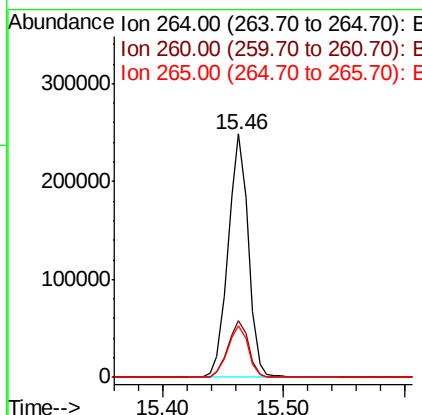
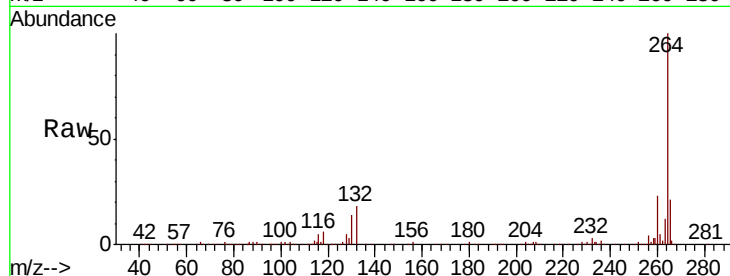




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

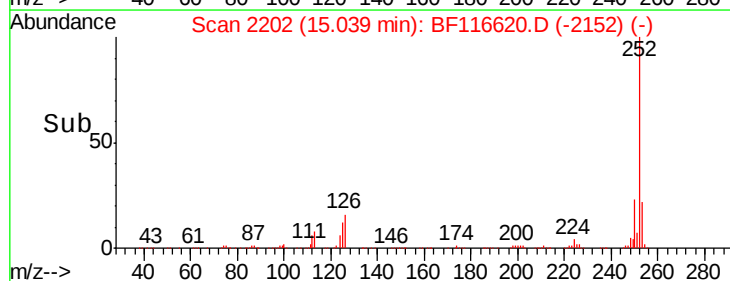
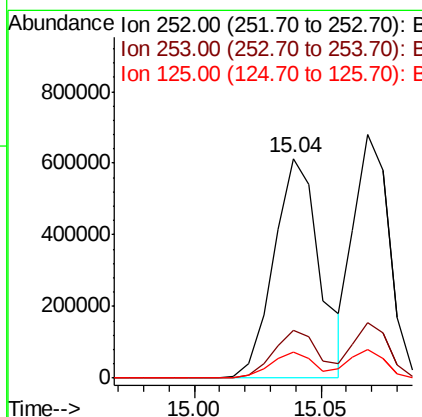
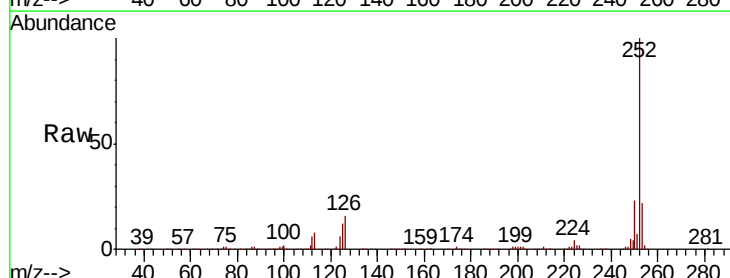
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.0	30.0
265	21.4	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 43.724 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	9.0	13.6

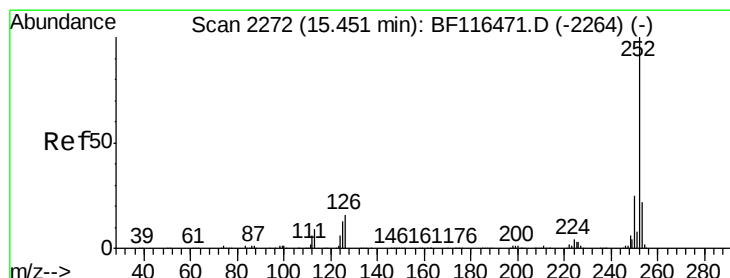
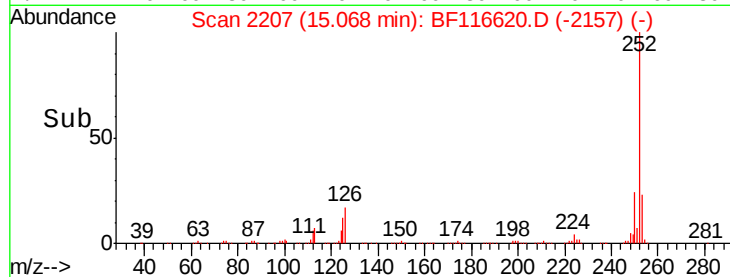
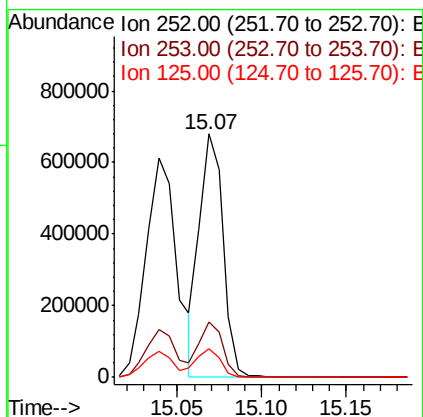
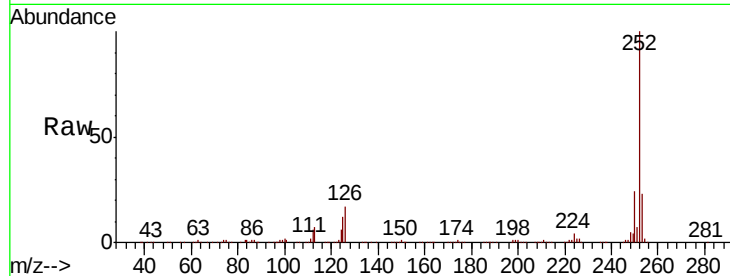




#89
Benzo(k)fluoranthene
Concen: 39.459 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

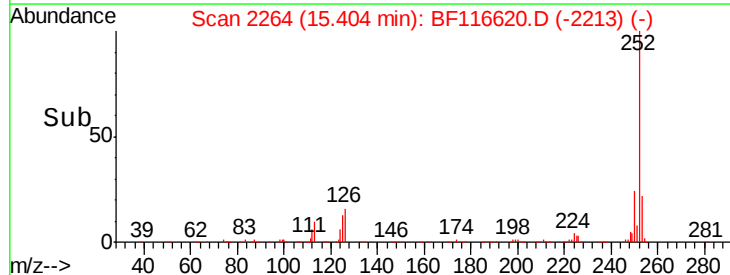
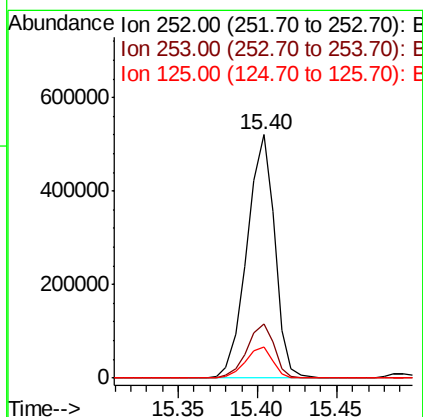
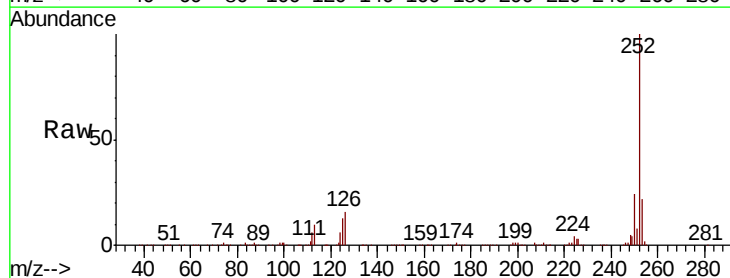
Instrument :
BNA_F
ClientSampleId :

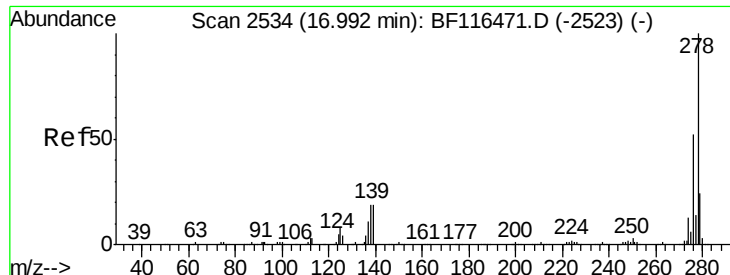
Tot Ion:252 Resp: 663408
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 11.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 40.166 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.00 min
Lab File: BF116620.D
Acq: 28 Aug 2019 17:42

Tgt Ion:252 Resp: 634054
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 12.9 10.6 16.0





#91

Dibenzo(a,h)anthracene

Concen: 36.620 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

Instrument :

BNA_F

ClientSampleId :

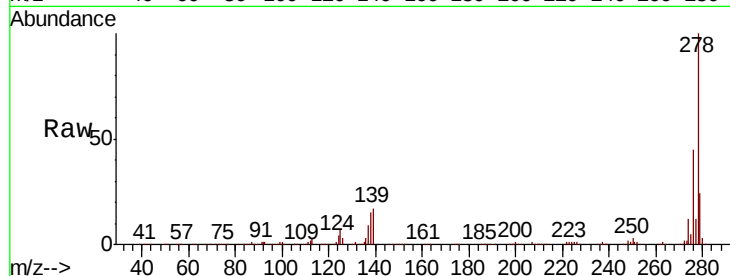
Tot Ion:278 Resp: 539385

Ion Ratio Lower Upper

278 100

139 17.5 14.1 21.1

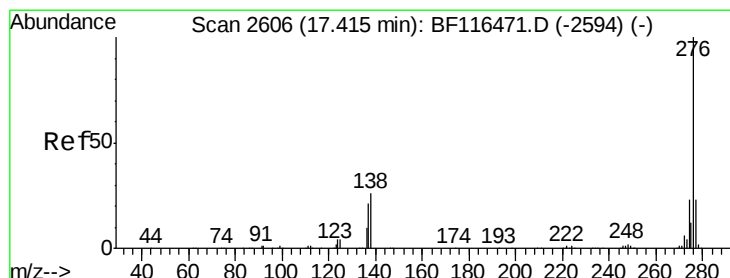
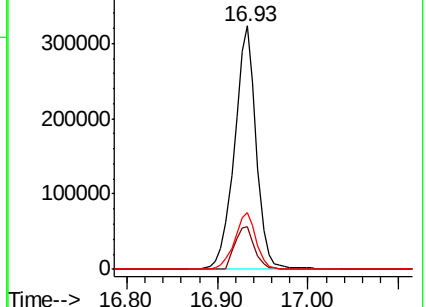
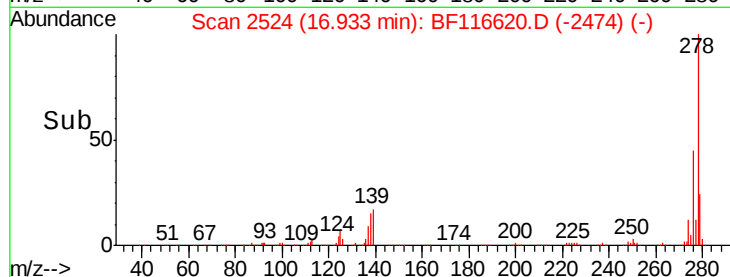
279 23.6 19.5 29.3



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: 34.361 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF116620.D

Acq: 28 Aug 2019 17:42

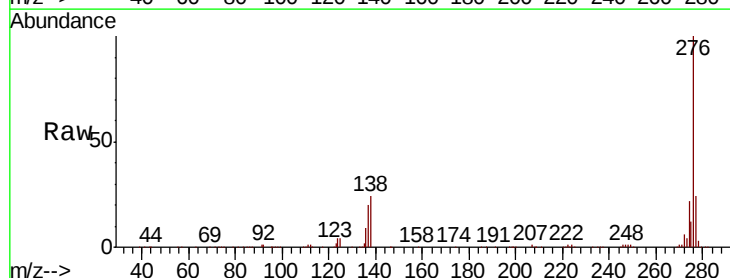
Tgt Ion:276 Resp: 526271

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 23.9 18.2 27.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

