

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119604.D
 Acq On : 28 Mar 2020 8:41
 Operator : CG/JU
 Sample : L2053-04MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 09:34:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	291813	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1156512	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	607377	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1247944	20.00	ng	0.00
76) Chrysene-d12	14.01	240	786712	20.00	ng	0.00
87) Perylene-d12	15.47	264	729157	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	2243858	122.41	ng	0.02
7) Phenol-d6	6.46	99	2618411	111.82	ng	0.00
23) Nitrobenzene-d5	7.40	82	2054909	96.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	953493	152.17	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3800660	92.70	ng	0.00
79) Terphenyl-d14	12.96	244	4315905	107.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	370456	40.918	ng	# 84
3) Pyridine	3.48	79	878572	35.225	ng	94
4) n-Nitrosodimethylamine	3.41	42	549107	45.145	ng	93
6) Aniline	6.49	93	463185	14.332	ng	99
8) 2-Chlorophenol	6.62	128	1068741	55.511	ng	99
9) Benzaldehyde	6.38	77	586391	39.475	ng	95
10) Phenol	6.47	94	1093123	43.749	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	1040940	52.090	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1000206	48.000	ng	98
13) 1,4-Dichlorobenzene	6.85	146	1008662	48.394	ng	98
14) 1,2-Dichlorobenzene	7.00	146	948927	48.709	ng	99
15) Benzyl Alcohol	6.97	79	899558	51.069	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1960702	48.643	ng	99
17) 2-Methylphenol	7.09	107	854562	48.445	ng	99
18) Hexachloroethane	7.35	117	379930	49.741	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	752588	53.321	ng	98
20) 3+4-Methylphenols	7.24	107	984207	45.526	ng	# 80
22) Acetophenone	7.25	105	1388543	50.247	ng	# 93
24) Nitrobenzene	7.42	77	1122080	49.341	ng	98
25) Isophorone	7.66	82	2161543	50.074	ng	99
26) 2-Nitrophenol	7.73	139	579004	64.663	ng	91
27) 2,4-Dimethylphenol	7.77	122	982924	53.088	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	1363088	53.400	ng	99
29) 2,4-Dichlorophenol	7.97	162	891541	52.406	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	937514	49.830	ng	100
31) Naphthalene	8.14	128	2991582	50.266	ng	100
32) Benzoic acid	7.89	122	644956	54.153	ng	94
33) 4-Chloroaniline	8.19	127	159209	5.838	ng	95
34) Hexachlorobutadiene	8.26	225	524709	49.846	ng	99
35) Caprolactam	8.57	113	117564	21.115	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	1001878	53.882	ng	98
37) 2-Methylnaphthalene	8.83	142	2106824	53.939	ng	99
38) 1-Methylnaphthalene	8.93	142	2021396	54.676	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	881456	49.512	ng	99

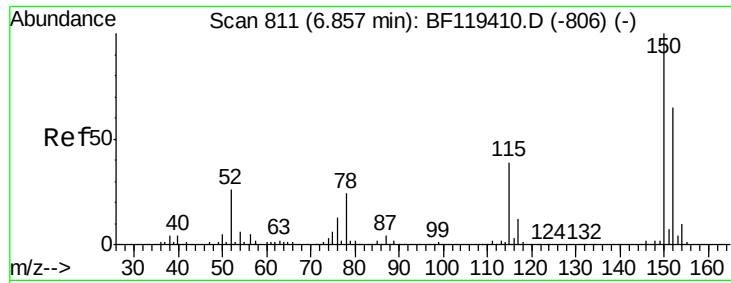
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	926508	91.543	nq	100
43) 2,4,6-Trichlorophenol	9.11	196	705400	55.369	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	690140	48.357	nq	99
46) 1,1'-Biphenyl	9.30	154	2511404	50.768	nq	99
47) 2-Chloronaphthalene	9.33	162	1943877	50.166	nq	98
48) 2-Nitroaniline	9.42	65	737640	55.152	nq	97
49) Acenaphthylene	9.75	152	3045352	50.047	nq	100
50) Dimethylphthalate	9.61	163	2542798	58.940	nq	100
51) 2,6-Dinitrotoluene	9.66	165	538833	58.269	nq #	88
52) Acenaphthene	9.92	154	2097116	55.283	nq	99
53) 3-Nitroaniline	9.83	138	166666	14.276	nq	96
54) 2,4-Dinitrophenol	9.94	184	452951	110.182	nq	95
55) Dibenzofuran	10.09	168	2738793	50.356	nq	97
56) 4-Nitrophenol	10.00	139	776028	84.262	nq	93
57) 2,4-Dinitrotoluene	10.07	165	710414	60.985	nq	98
58) Fluorene	10.43	166	2096993	52.139	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	590064	55.312	nq	98
60) Diethylphthalate	10.31	149	2345387	53.564	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	1002491	50.971	nq	97
62) 4-Nitroaniline	10.46	138	534077	47.706	nq	93
63) Azobenzene	10.59	77	2254267	51.124	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	327266	62.539	nq	99
66) n-Nitrosodiphenylamine	10.55	169	1965627	47.979	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	726531	51.119	nq	94
68) Hexachlorobenzene	10.98	284	775844	53.336	nq	93
69) Atrazine	11.07	200	641060	57.078	nq	98
70) Pentachlorophenol	11.17	266	845459	99.125	nq	98
71) Phenanthrene	11.40	178	3235396	49.999	nq	99
72) Anthracene	11.45	178	3296261	50.121	nq	99
73) Carbazole	11.60	167	3113789	47.834	nq	99
74) Di-n-butylphthalate	11.93	149	3718434	53.399	nq	98
75) Fluoranthene	12.58	202	3424963	48.907	nq	98
77) Benzidine	12.70	184	1478856	44.418	nq	98
78) Pyrene	12.81	202	3420116	52.972	nq	100
80) Butylbenzylphthalate	13.43	149	1636432	62.666	nq	97
81) Benzo(a)anthracene	14.00	228	2472111	48.322	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	325970	16.160	nq	98
83) Chrysene	14.04	228	2626443	49.745	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1977155	63.514	nq	98
85) Di-n-octyl phthalate	14.60	149	3471885	63.416	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2690254	54.102	nq	98
88) Benzo(b)fluoranthene	15.04	252	2660396	54.620	nq	97
89) Benzo(k)fluoranthene	15.08	252	2244680	48.398	nq	99
90) Benzo(a)pyrene	15.42	252	2235810	50.510	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	2212096	57.135	nq	98
92) Benzo(g,h,i)perylene	17.39	276	2272823	58.433	nq	95

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

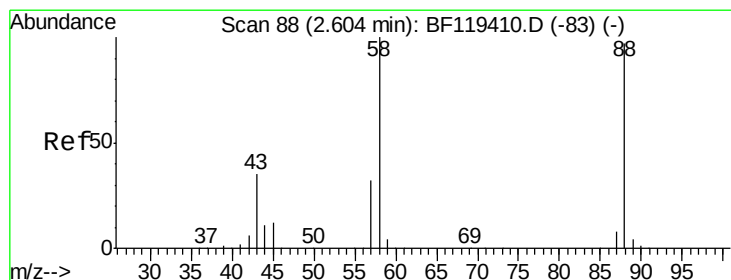
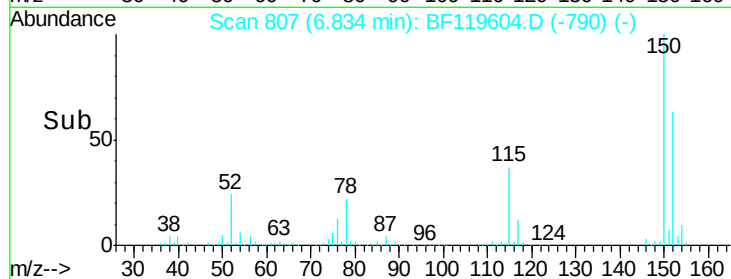
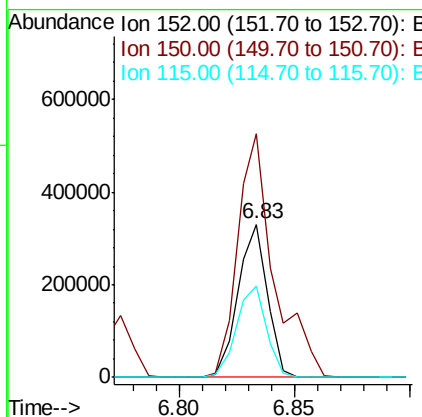
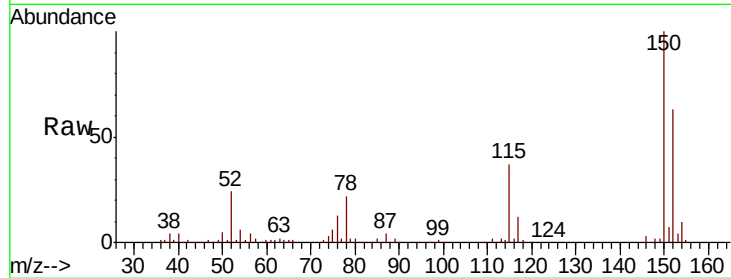


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

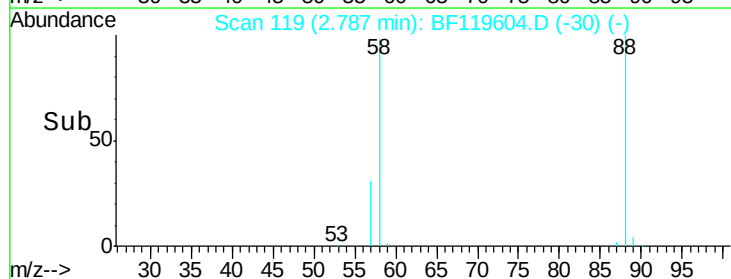
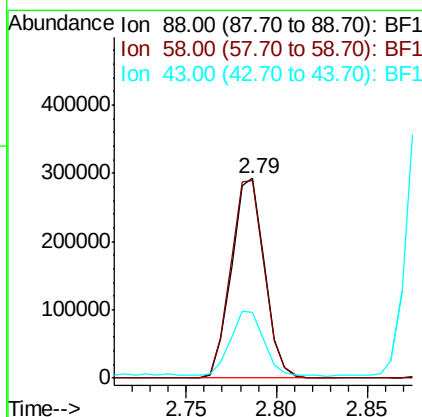
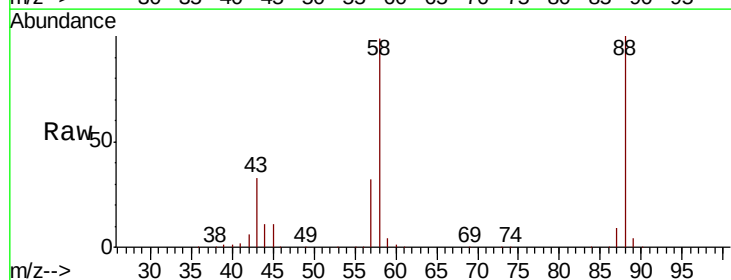
Tot Ion:152 Resp: 291813
Ion Ratio Lower Upper
152 100
150 159.1 124.5 186.7
115 59.4 49.6 74.4

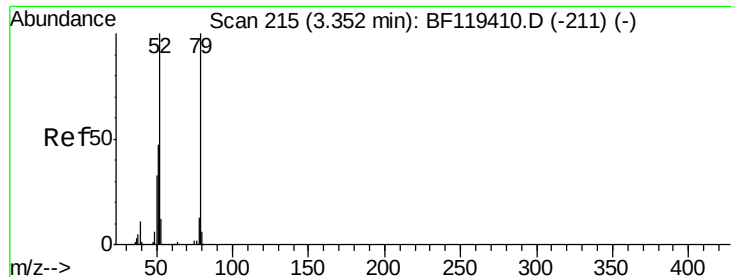


#2

1,4-Dioxane
Concen: 40.918 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.22 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion: 88 Resp: 370456
Ion Ratio Lower Upper
88 100
58 100.4 80.6 121.0
43 0.0 27.5 41.3#





#3

Pvridine

Concen: 35.225 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.18 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampled :

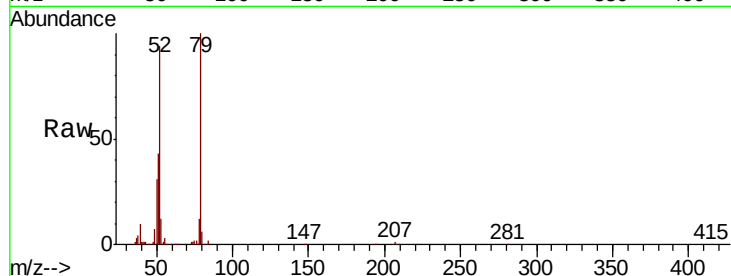
Tot Ion: 79 Resp: 878572

Ion Ratio Lower Upper

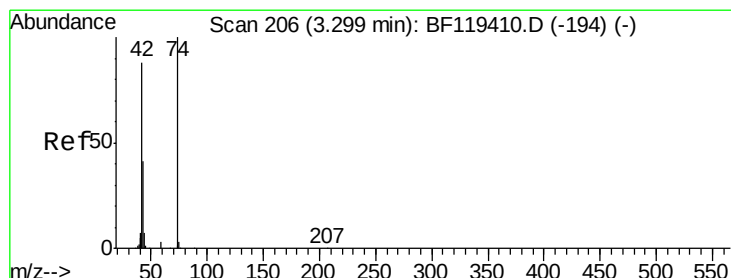
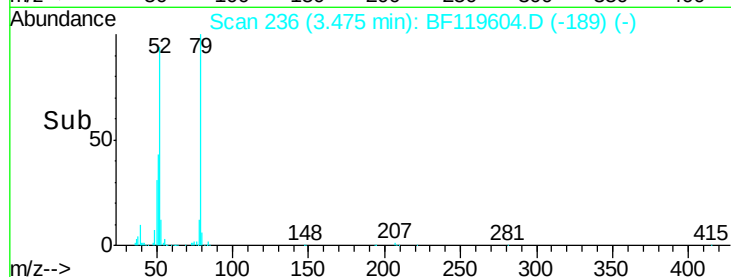
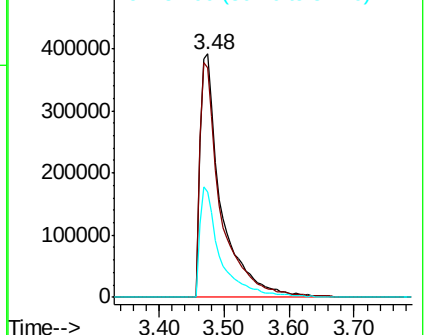
79 100

52 94.4 80.2 120.2

51 43.5 37.7 56.5



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: 45.145 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.16 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

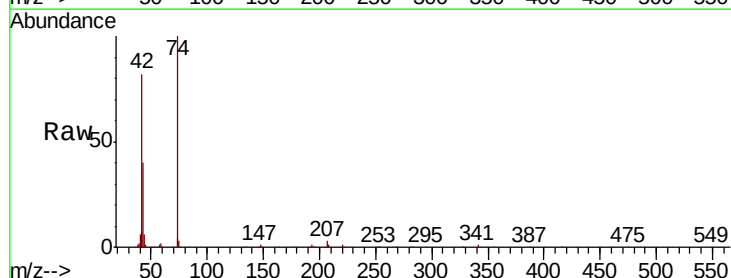
Tgt Ion: 42 Resp: 549107

Ion Ratio Lower Upper

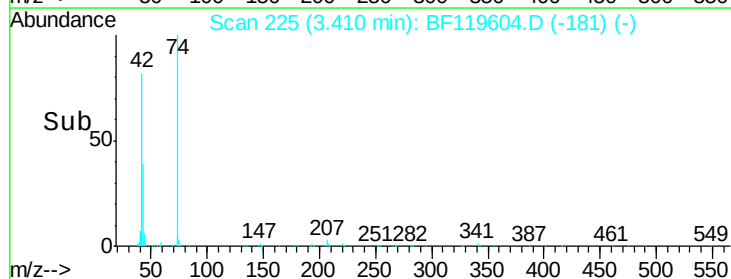
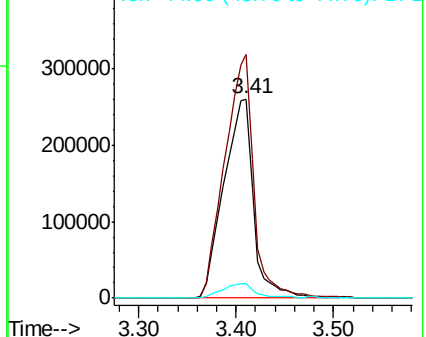
42 100

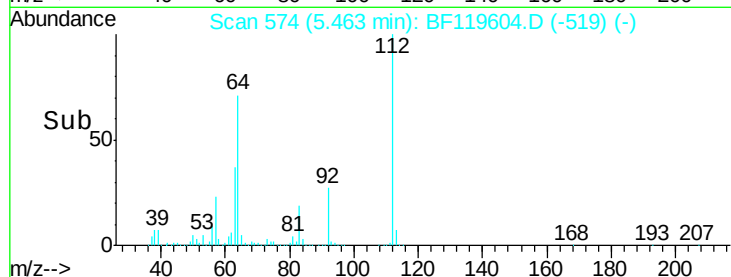
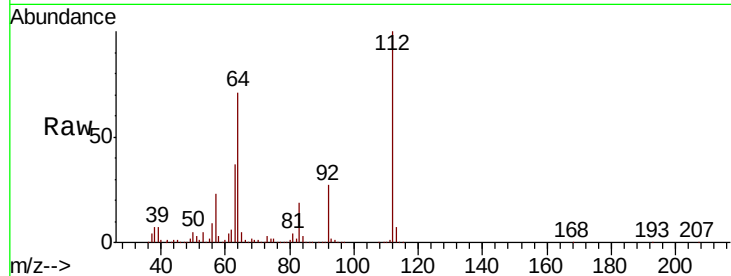
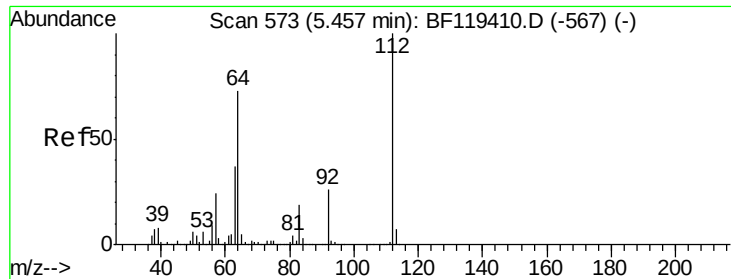
74 122.2 91.5 137.3

44 7.6 6.2 9.4



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: 122.407 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampled :

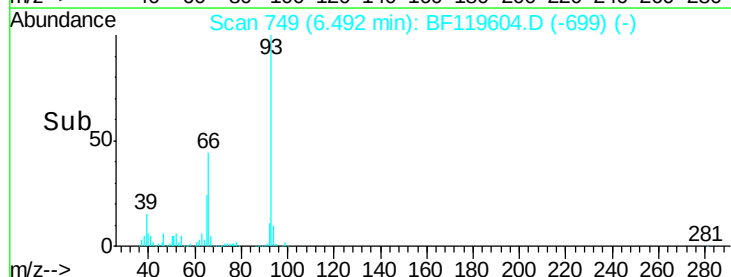
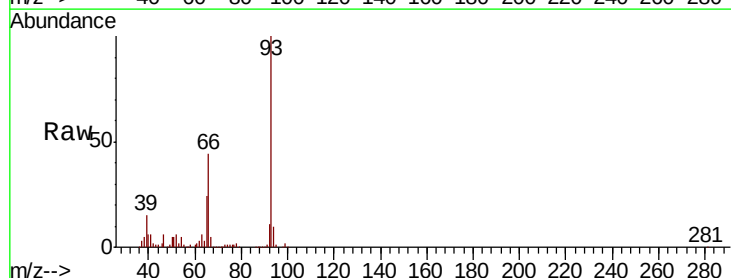
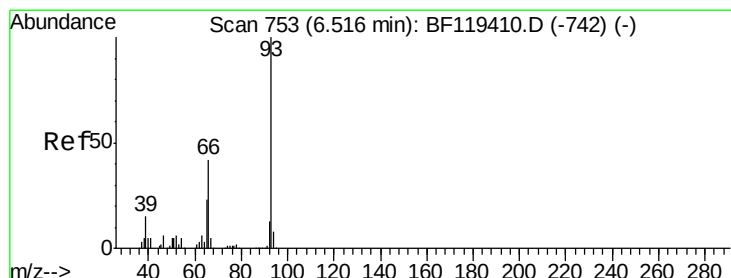
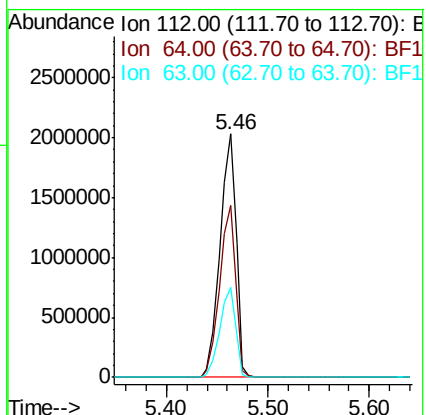
Tot Ion:112 Resp: 2243858

Ion Ratio Lower Upper

112 100

64 70.7 56.7 85.1

63 36.7 29.5 44.3



#6

Aniline

Concen: 14.332 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

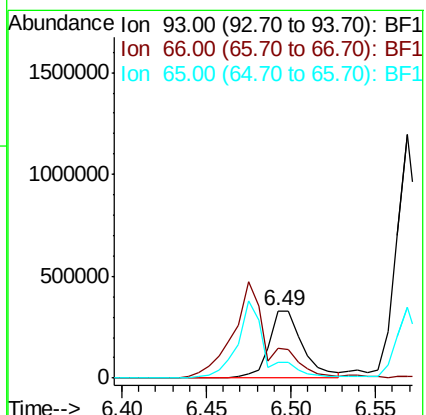
Tgt Ion: 93 Resp: 463185

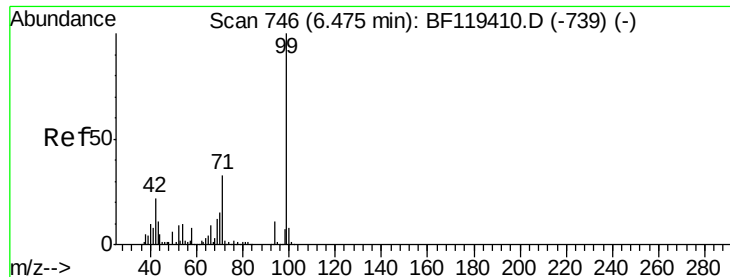
Ion Ratio Lower Upper

93 100

66 44.1 34.9 52.3

65 23.6 18.6 27.8





#7

Phenol-d6

Concen: 111.818 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

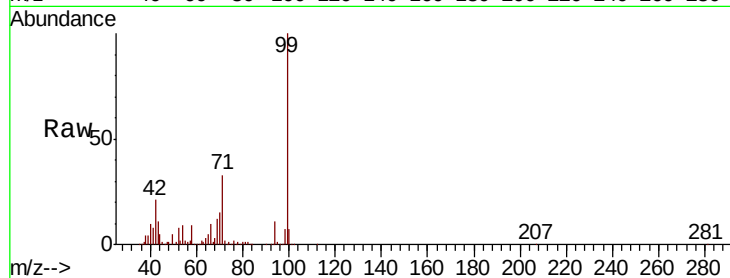
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2618411

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.6	24.8
71	33.0	26.4	39.6

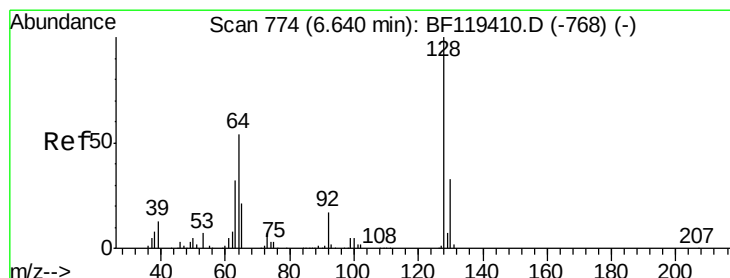
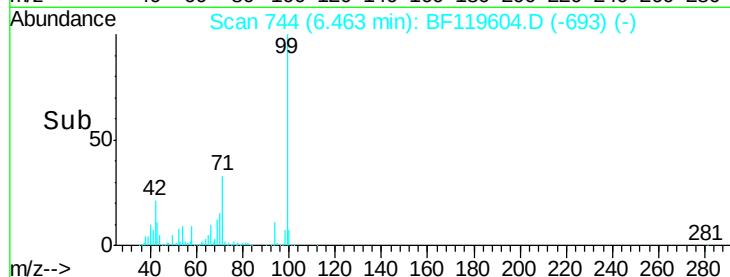
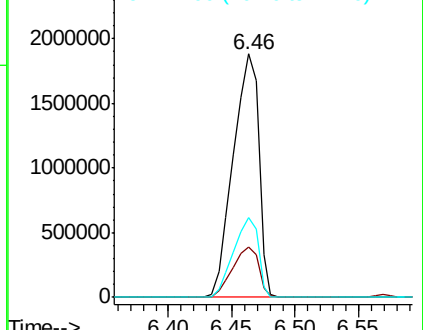


Abundance

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: 55.511 ng

RT: 6.62 min Scan# 770

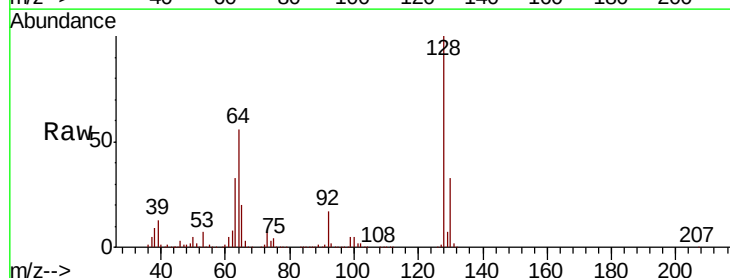
Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Tgt Ion: 128 Resp: 1068741

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	55.9	35.3	75.3

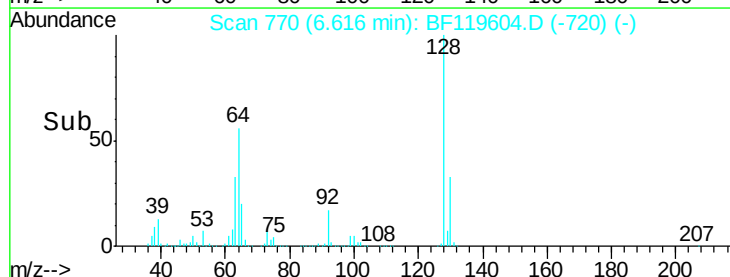
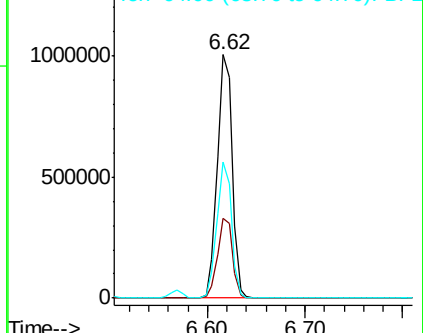


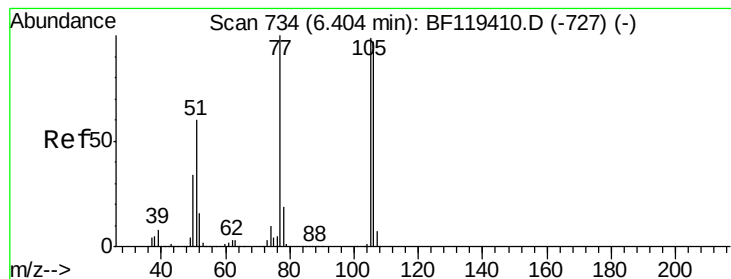
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.475 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

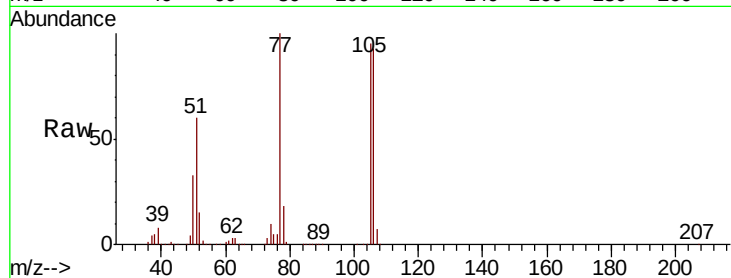
Tot Ion: 77 Resp: 586391

Ion Ratio Lower Upper

77 100

105 95.5 80.9 120.9

106 93.2 77.9 117.9

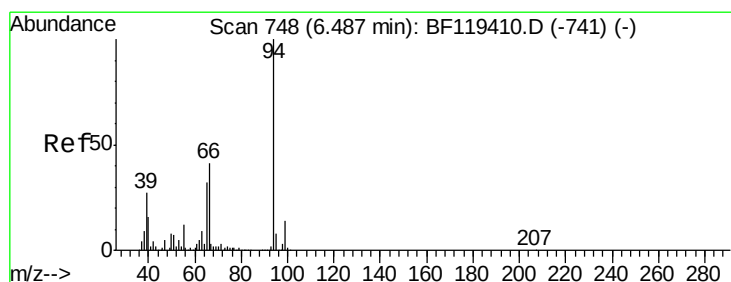
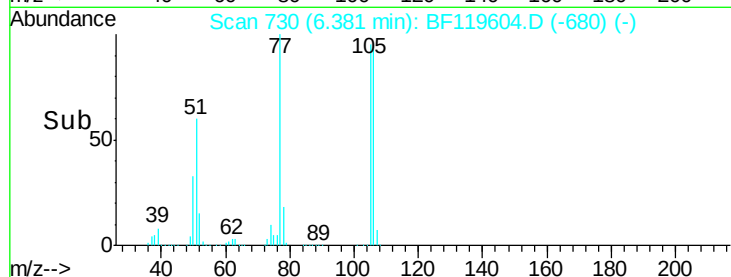
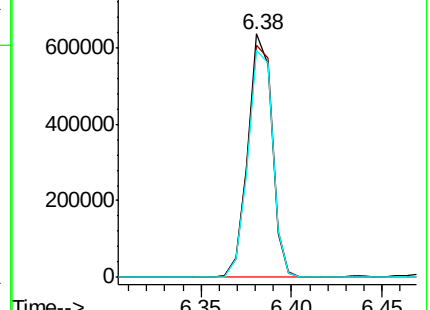


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.38



#10

Phenol

Concen: 43.749 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

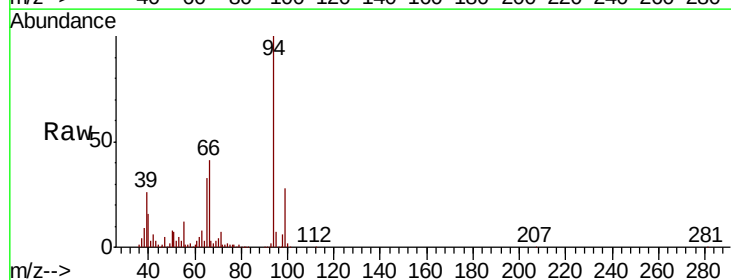
Tgt Ion: 94 Resp: 1093123

Ion Ratio Lower Upper

94 100

65 32.7 13.2 53.2

66 40.6 22.3 62.3

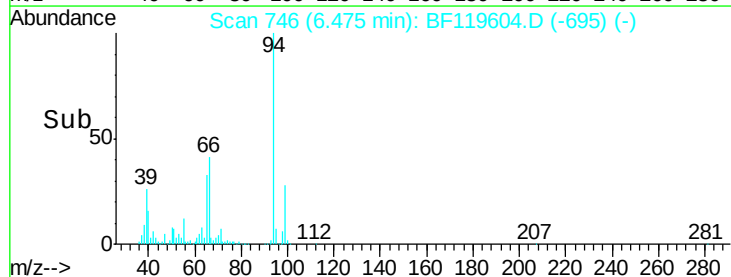
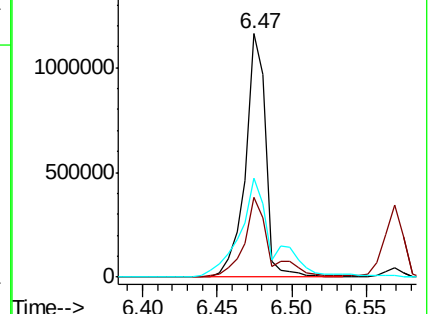


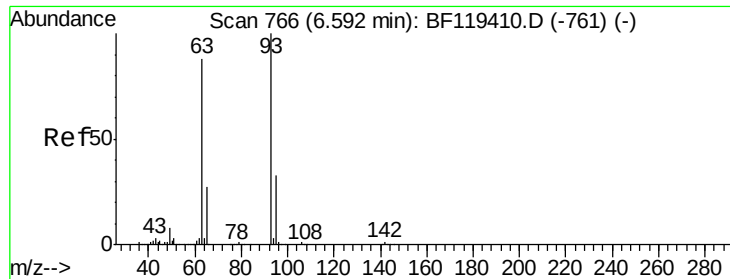
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.47

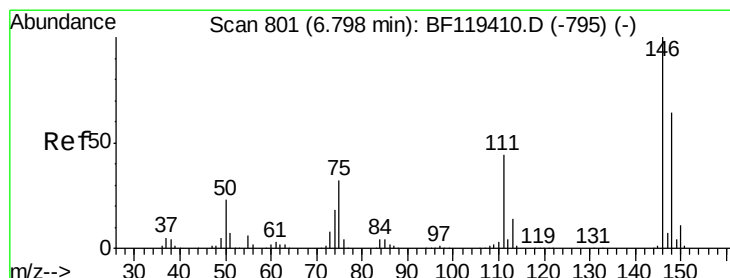
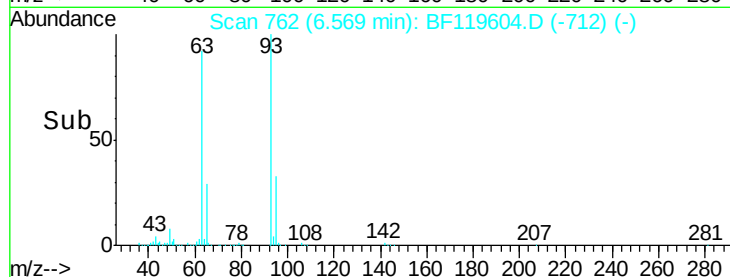
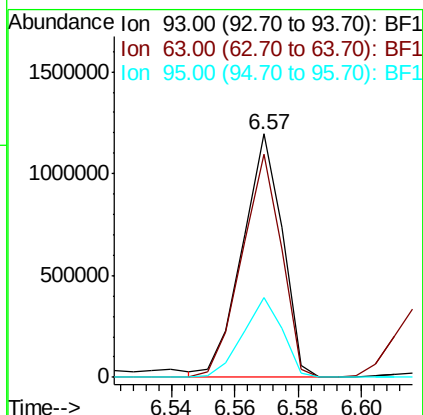
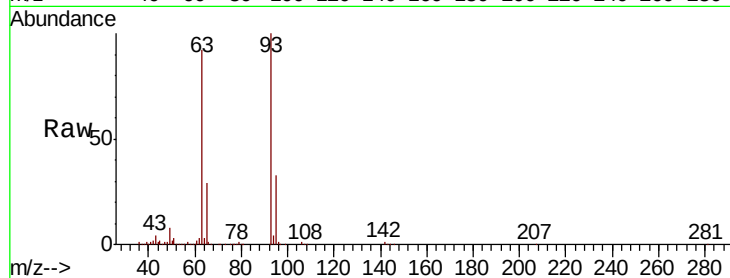




#11
bis(2-Chloroethyl)ether
Concen: 52.090 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

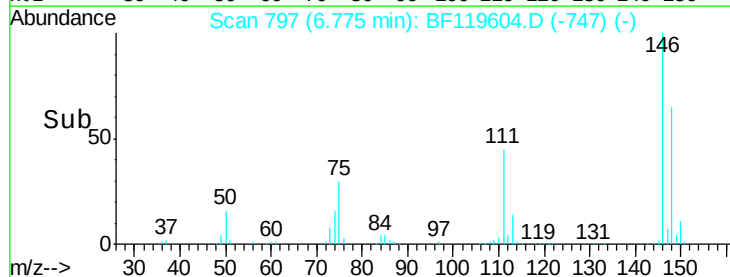
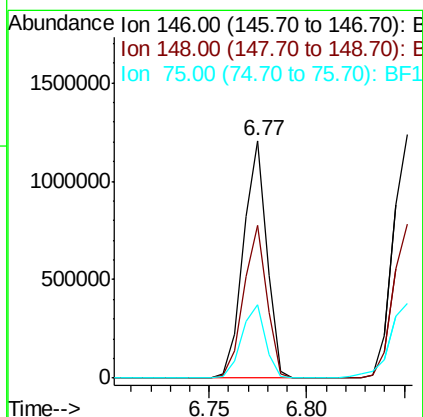
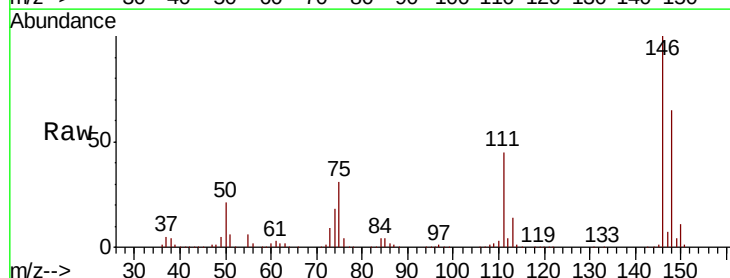
Instrument :
BNA_F
ClientSampleId :

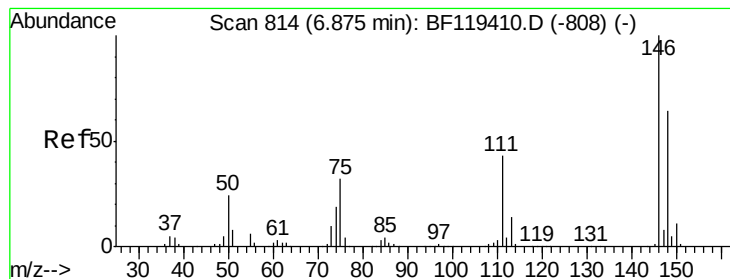
Tot Ion: 93 Resp: 1040940
Ion Ratio Lower Upper
93 100
63 91.7 70.2 110.2
95 32.9 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 48.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion: 146 Resp: 1000206
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
75 30.8 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 48.394 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

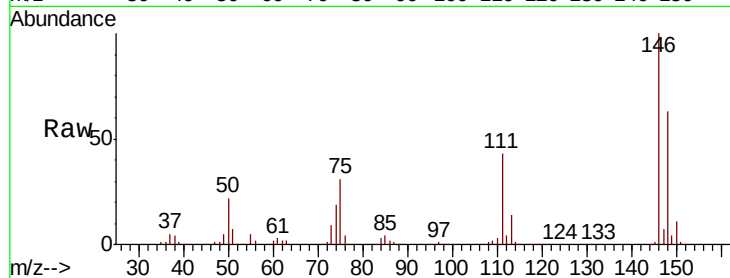
Tot Ion:146 Resp: 1008662

Ion Ratio Lower Upper

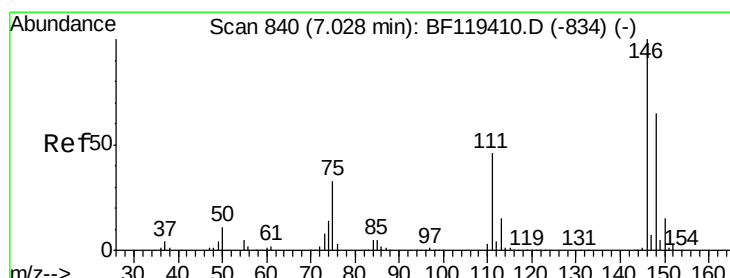
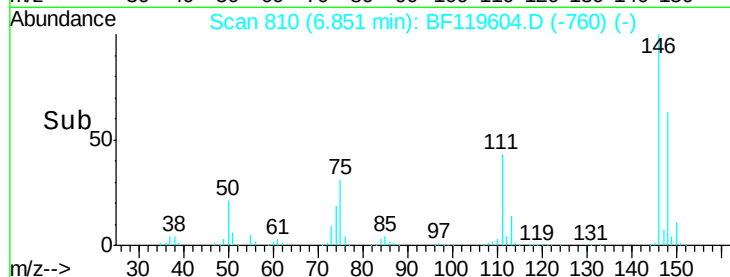
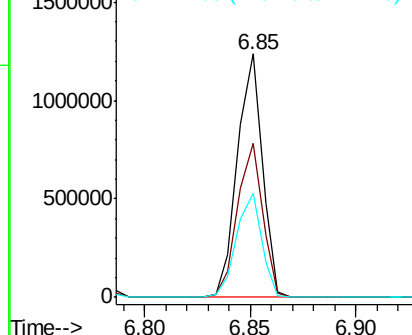
146 100

148 63.3 51.5 77.3

111 43.0 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.709 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

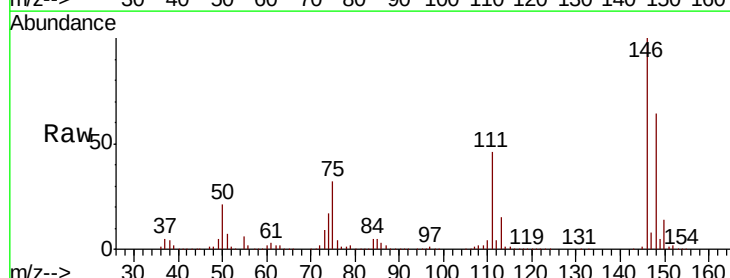
Tgt Ion:146 Resp: 948927

Ion Ratio Lower Upper

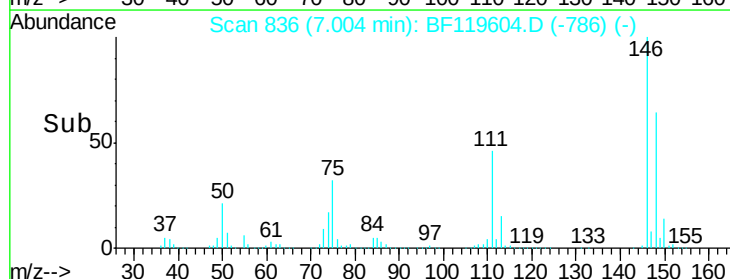
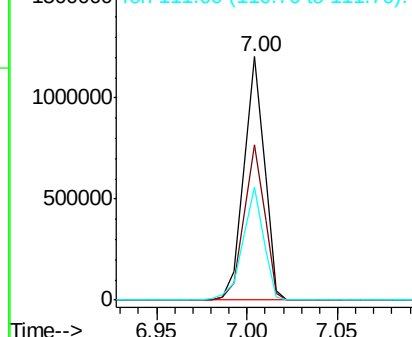
146 100

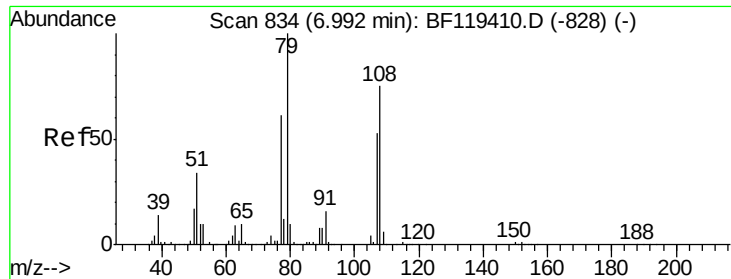
148 63.7 50.6 75.8

111 46.3 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

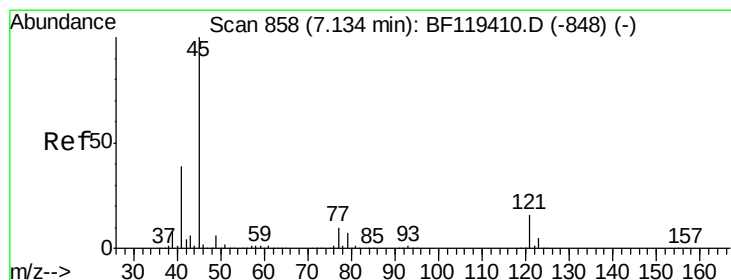
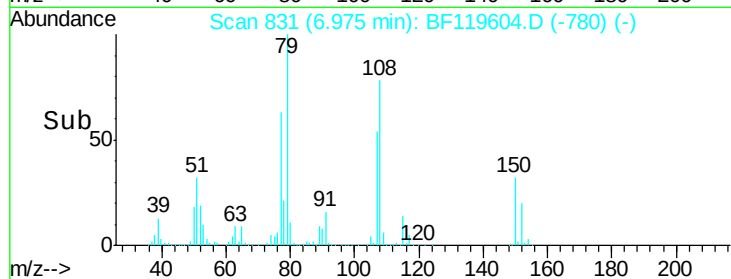
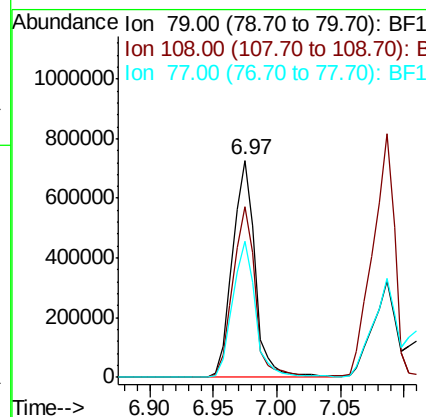
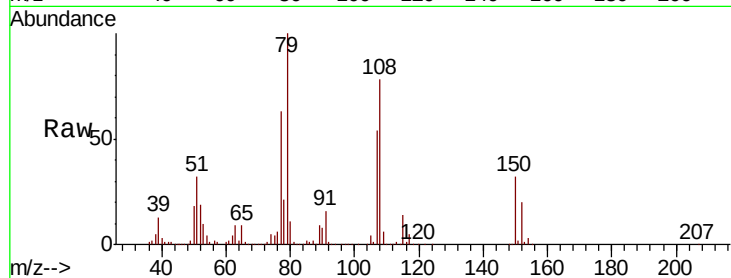




#15
Benzyl Alcohol
Concen: 51.069 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

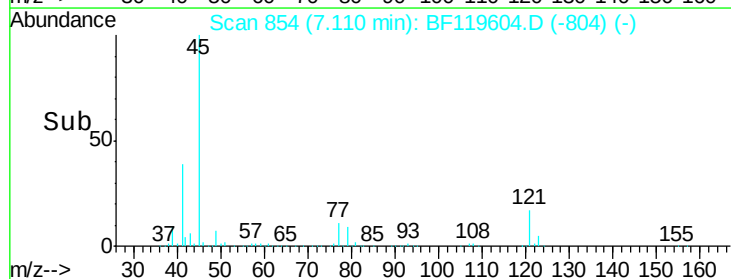
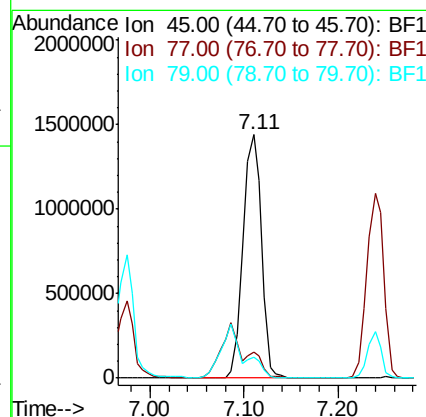
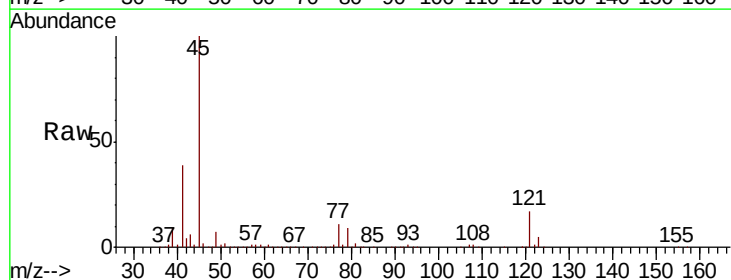
Instrument :
BNA_F
ClientSampled :

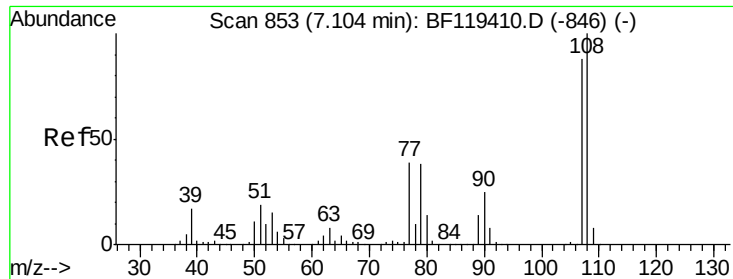
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	60.6	90.8
77	62.9	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.643 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.9	0.0	30.7
79	8.6	0.0	28.2

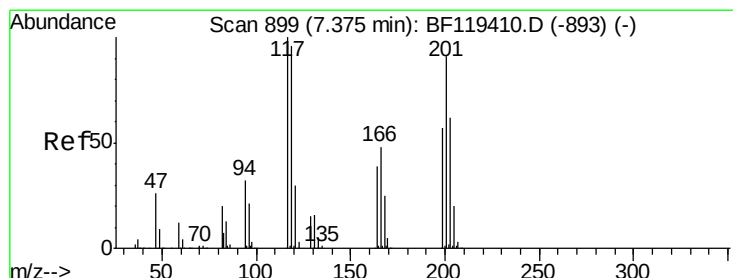
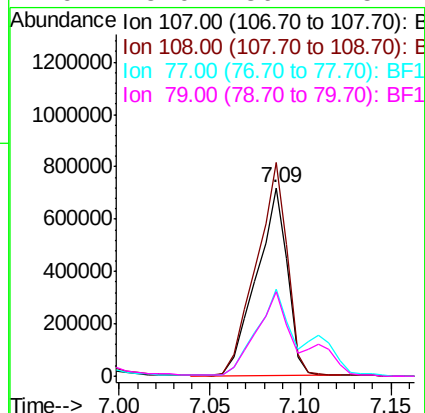
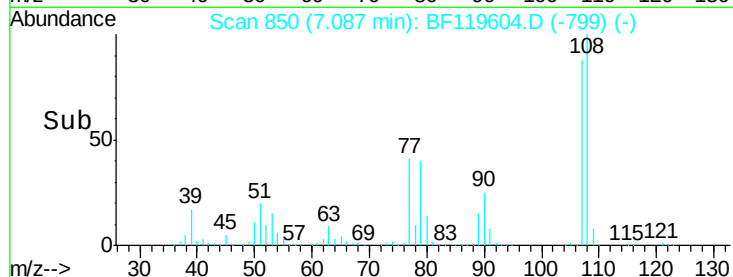
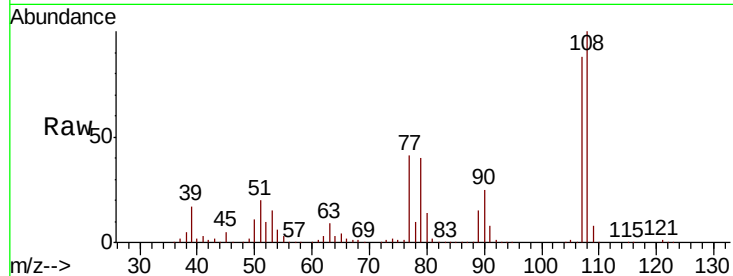




#17
2-Methylphenol
Concen: 48.445 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

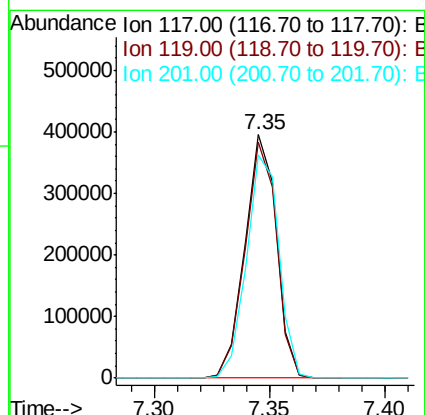
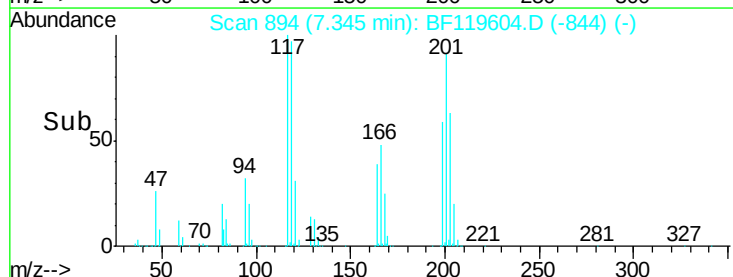
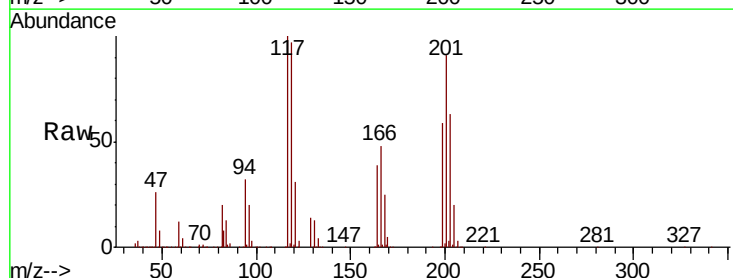
Instrument :
BNA_F
ClientSampleId :

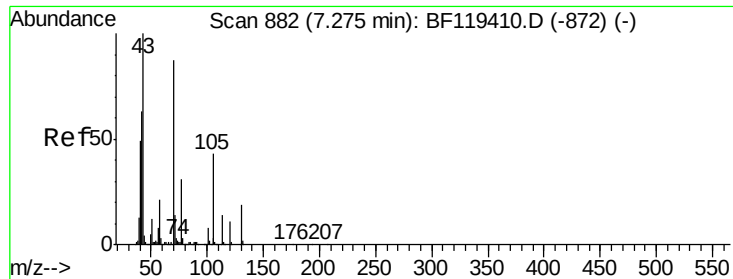
Tot Ion:107 Resp: 854562
Ion Ratio Lower Upper
107 100
108 113.2 92.2 138.4
77 45.9 36.6 54.8
79 45.0 36.2 54.4



#18
Hexachloroethane
Concen: 49.741 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:117 Resp: 379930
Ion Ratio Lower Upper
117 100
119 97.0 76.1 114.1
201 91.4 73.0 109.6

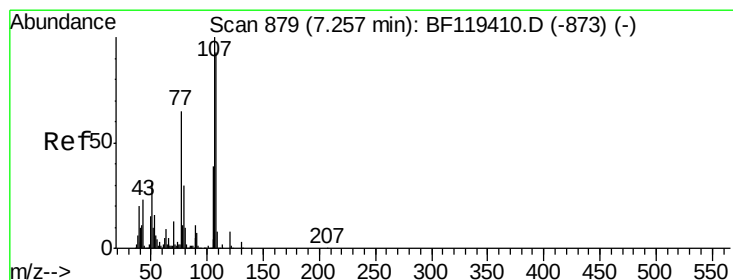
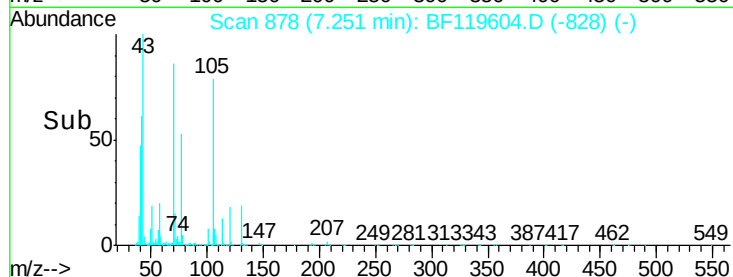
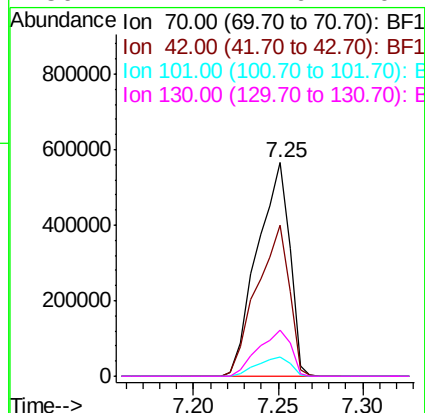
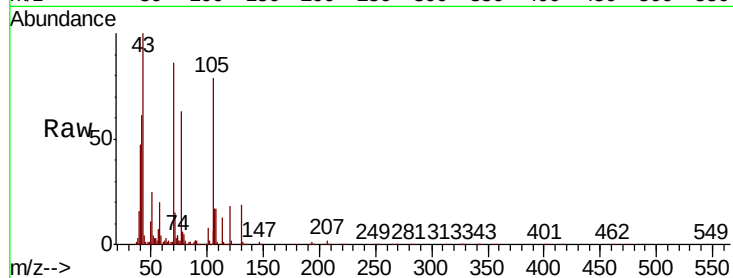




#19
n-Nitroso-di-n-propylamine
Concen: 53.321 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

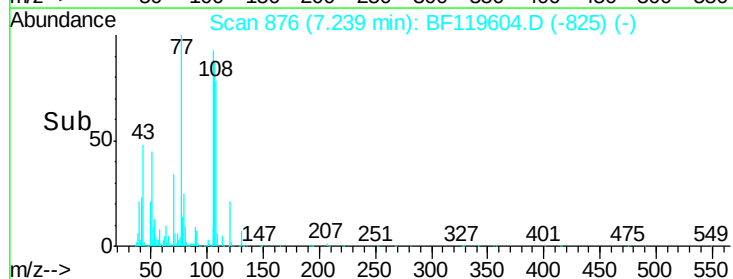
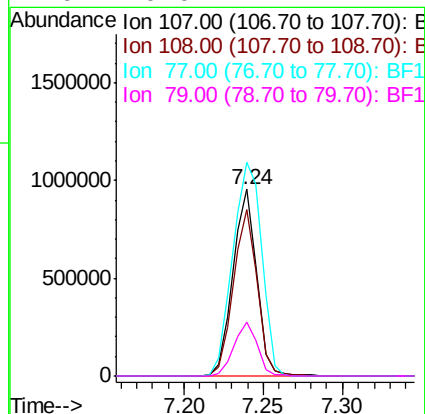
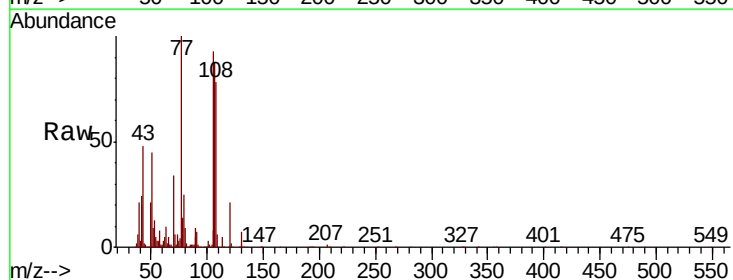
Instrument :
BNA_F
ClientSampleId :

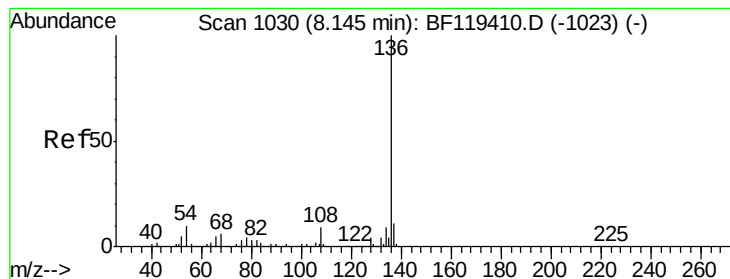
Tot Ion:	70	Resp:	752588
Ion	Ratio	Lower	Upper
70	100		
42	70.6	54.5	81.7
101	9.2	7.6	11.4
130	21.7	17.6	26.4



#20
3+4-Methylphenols
Concen: 45.526 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:	107	Resp:	984207
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.9	107.9
77	114.4	52.9	92.9
79	29.0	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1156512

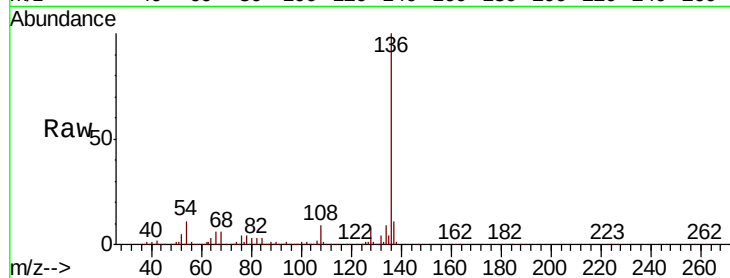
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 9.1 13.7

68 5.9 4.6 6.8

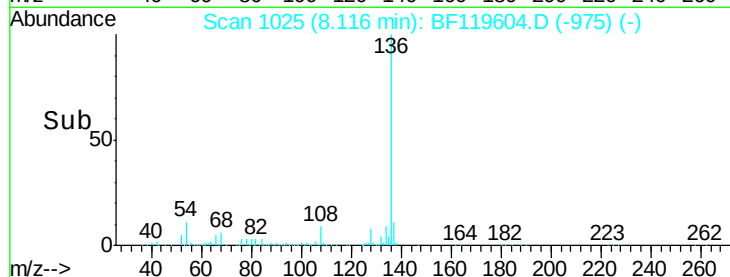


Abundance Ion 136.00 (135.70 to 136.70): E

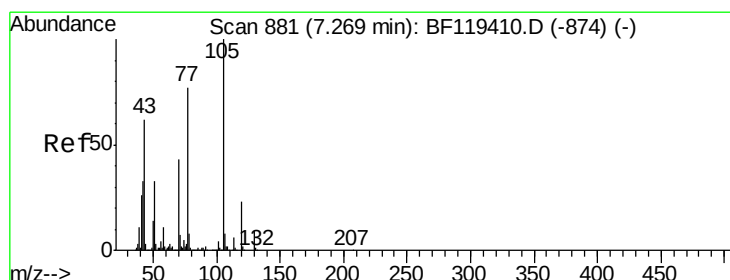
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 50.247 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Tgt Ion:105 Resp: 1388543

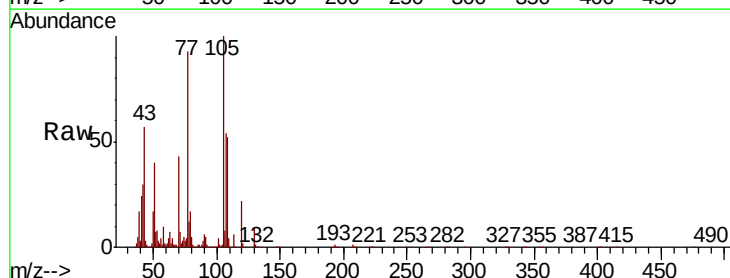
Ion Ratio Lower Upper

105 100

71 7.0 5.7 8.5

51 40.0 26.2 39.4#

120 22.3 18.3 27.5

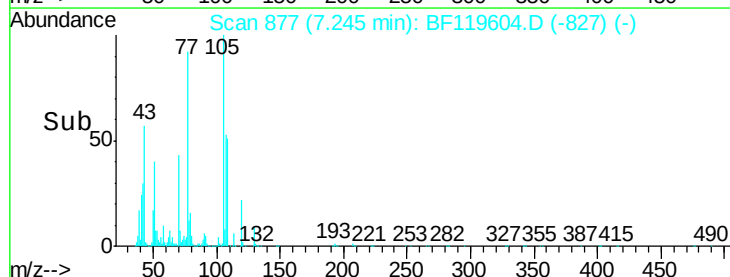


Abundance Ion 105.00 (104.70 to 105.70): E

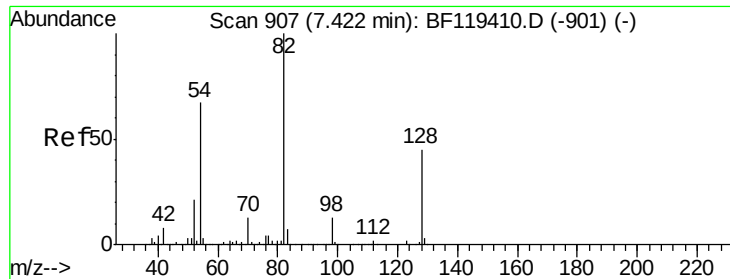
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



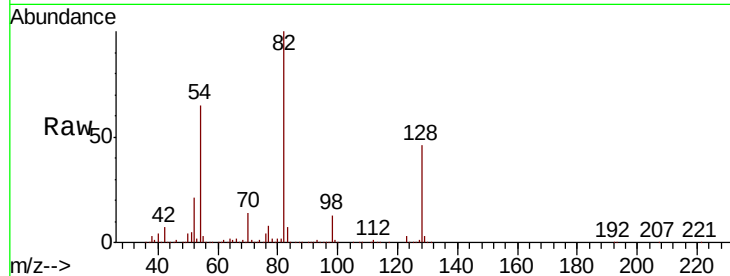
Time-->



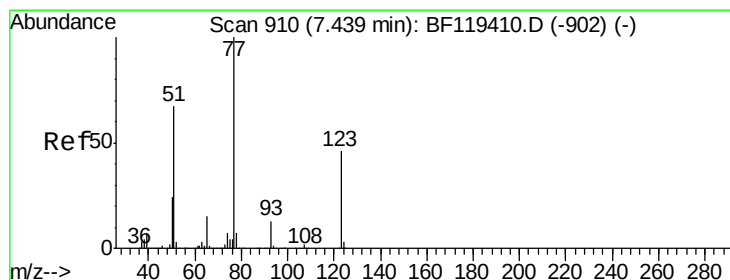
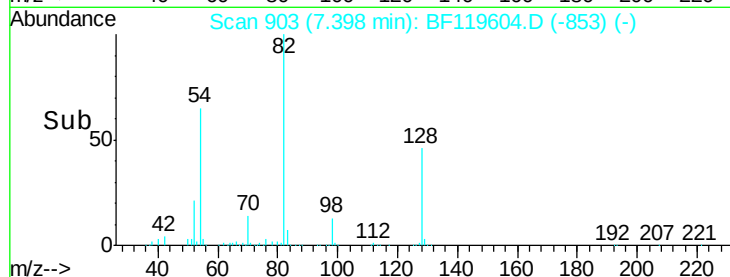
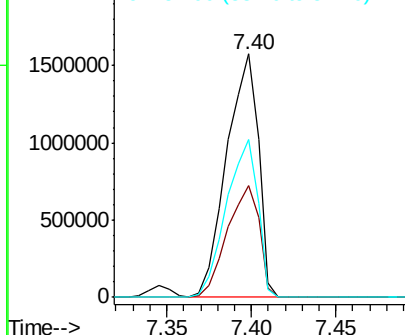
#23
Nitrobenzene-d5
Concen: 96.566 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 2054909
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 64.6 50.6 75.8

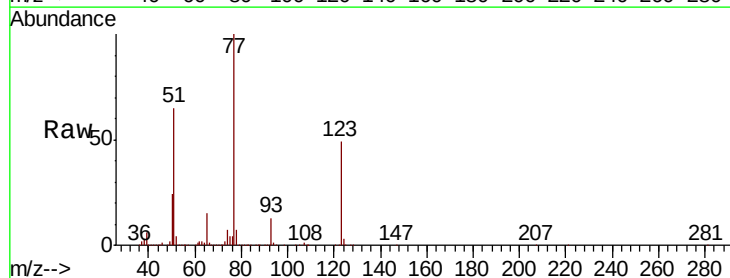


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

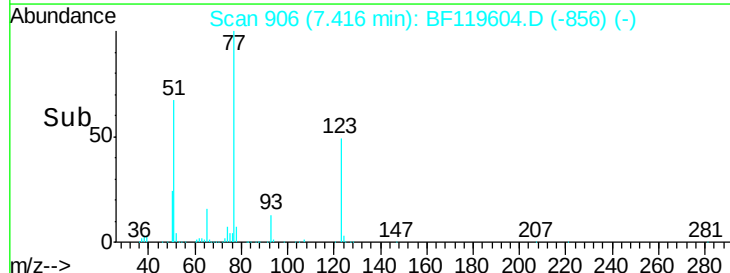
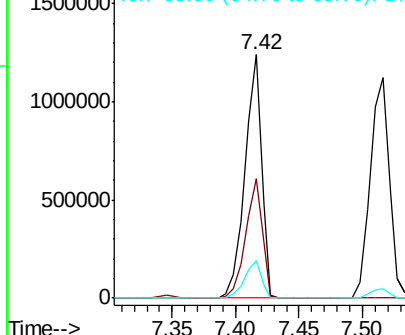


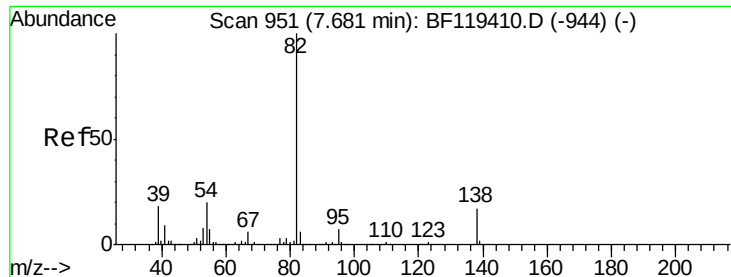
#24
Nitrobenzene
Concen: 49.341 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion: 77 Resp: 1122080
Ion Ratio Lower Upper
77 100
123 49.3 38.0 57.0
65 15.3 12.6 18.8



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





#25

Isophorone

Concen: 50.074 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

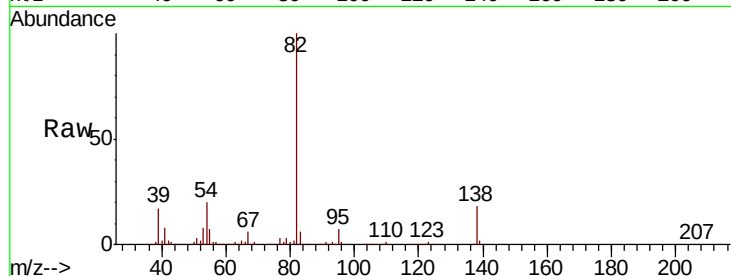
Tot Ion: 82 Resp: 2161543

Ion Ratio Lower Upper

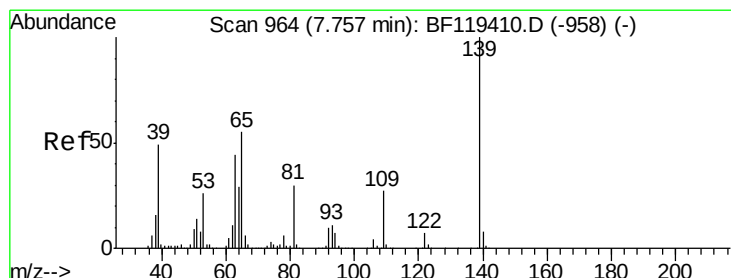
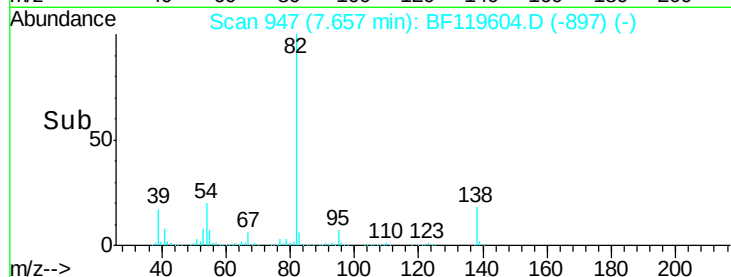
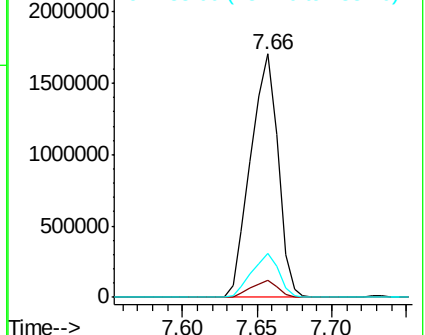
82 100

95 6.8 5.8 8.6

138 17.9 14.6 21.8



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: 64.663 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

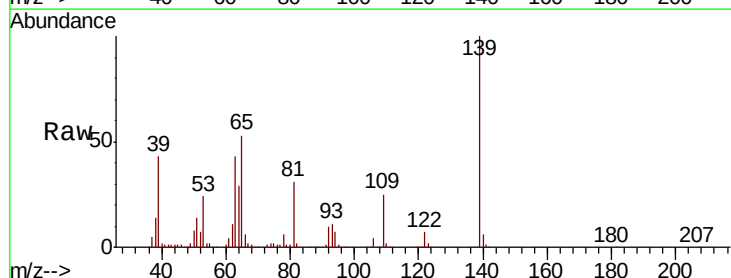
Tgt Ion: 139 Resp: 579004

Ion Ratio Lower Upper

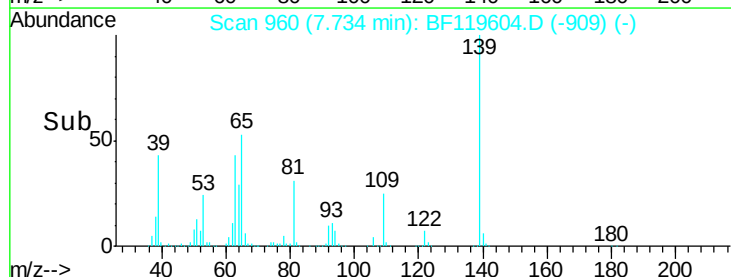
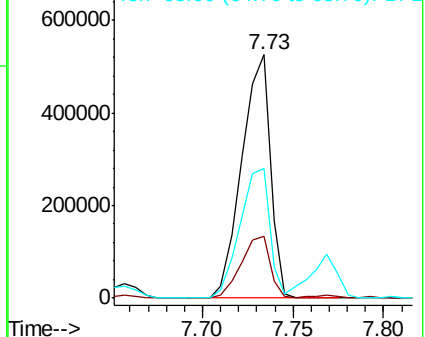
139 100

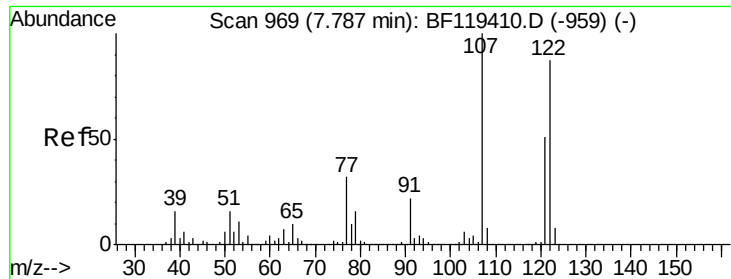
109 25.4 22.1 33.1

65 53.2 49.2 73.8



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





#27

2,4-Dimethylphenol

Concen: 53.088 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

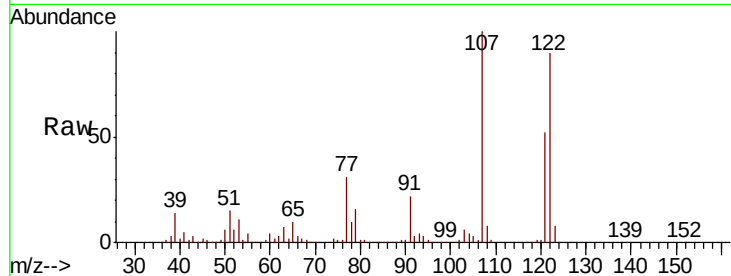
Tot Ion:122 Resp: 982924

Ion Ratio Lower Upper

122 100

107 111.5 89.0 133.6

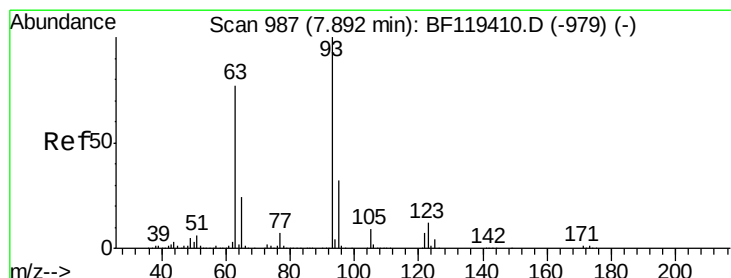
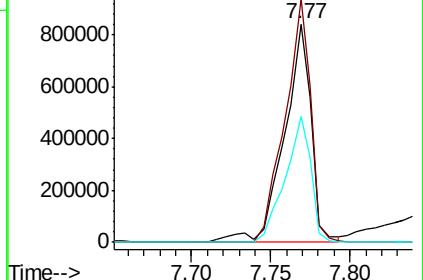
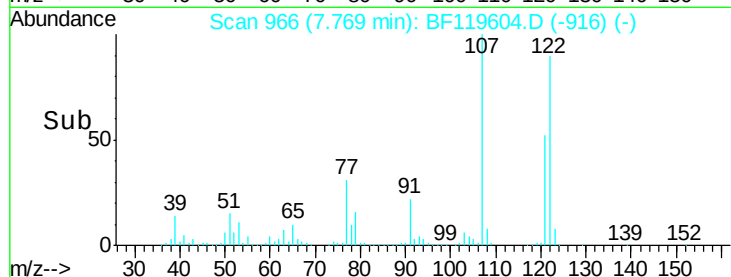
121 57.8 46.7 70.1



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: 53.400 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

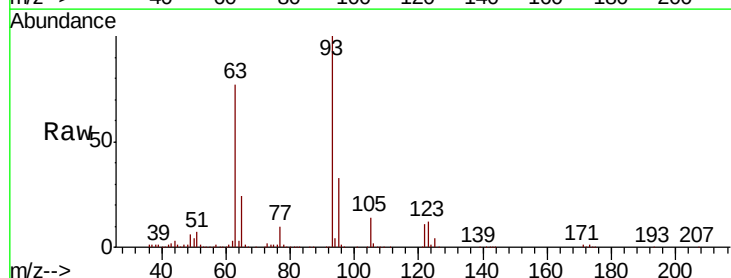
Tgt Ion: 93 Resp: 1363088

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

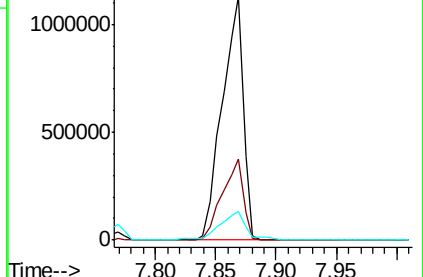
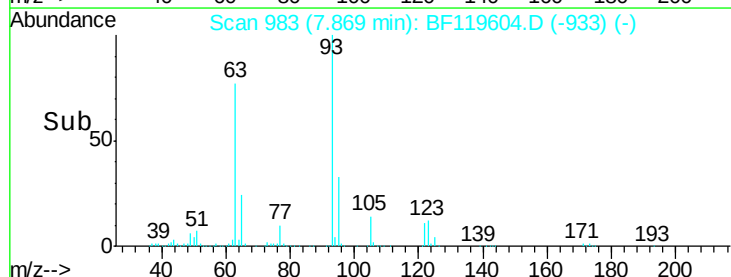
123 11.6 9.7 14.5

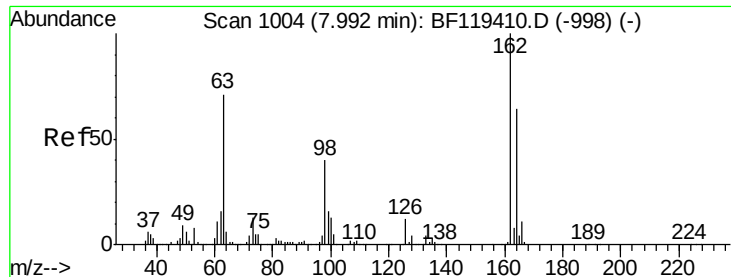


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

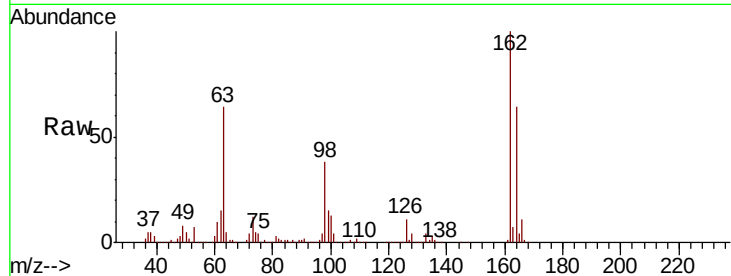




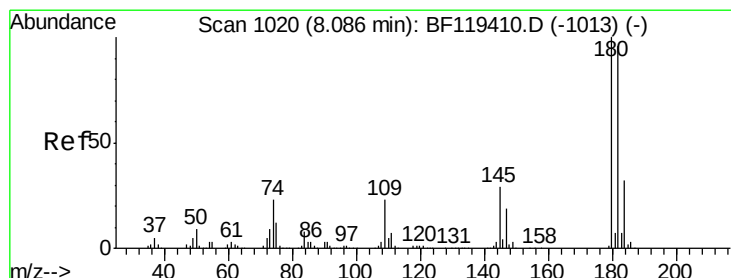
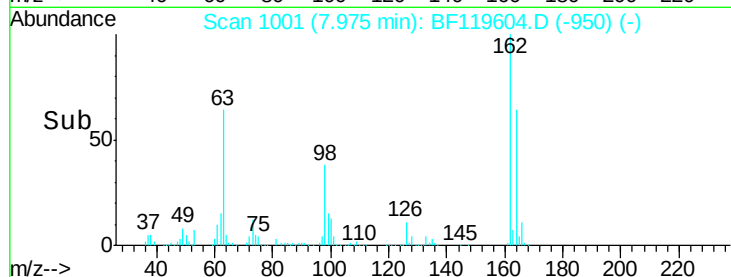
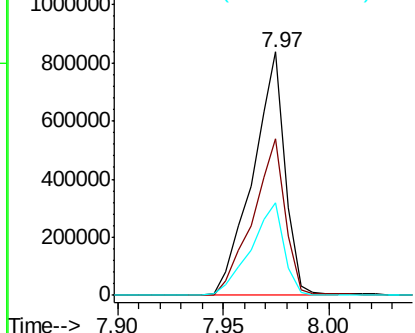
#29
2,4-Dichlorophenol
Concen: 52.406 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 891541
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 38.1 20.7 60.7

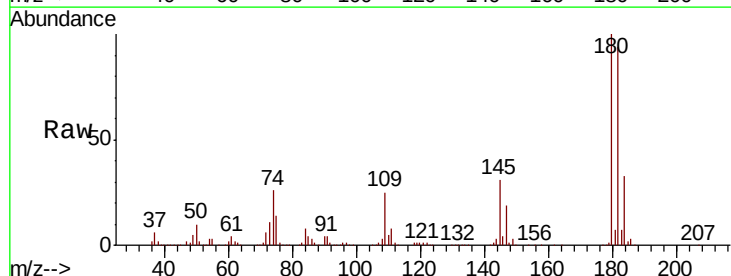


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

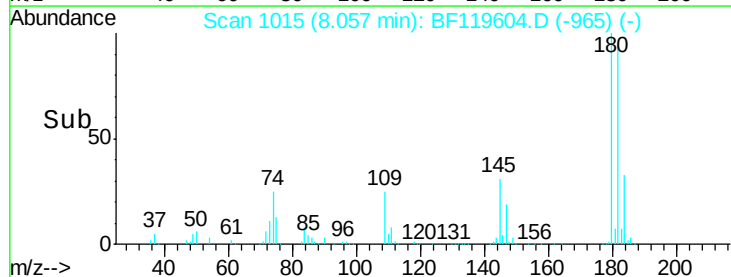
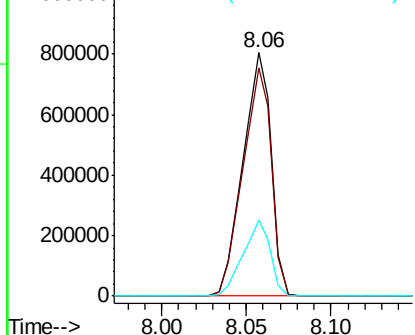


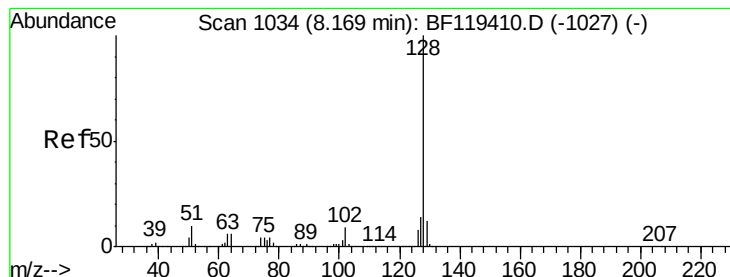
#30
1,2,4-Trichlorobenzene
Concen: 49.830 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:180 Resp: 937514
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 31.0 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.266 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

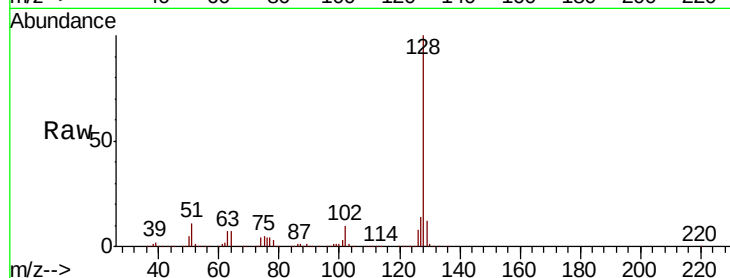
Tot Ion:128 Resp: 2991582

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

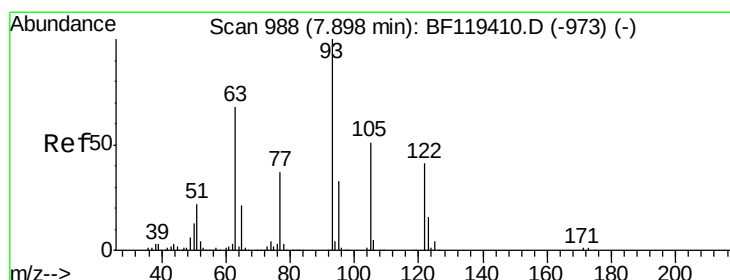
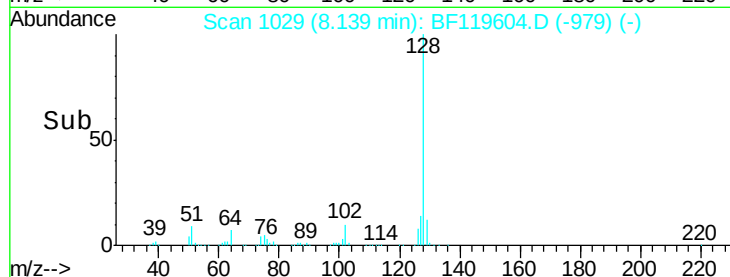
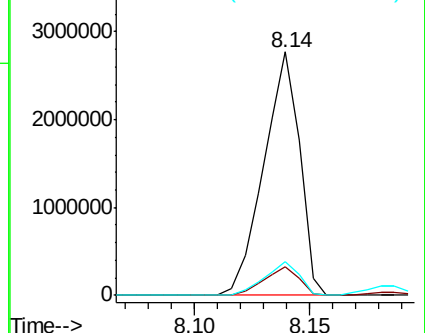
127 14.1 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.153 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

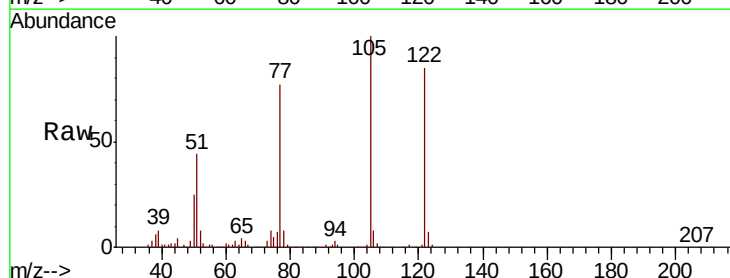
Tgt Ion:122 Resp: 644956

Ion Ratio Lower Upper

122 100

105 117.5 104.9 144.9

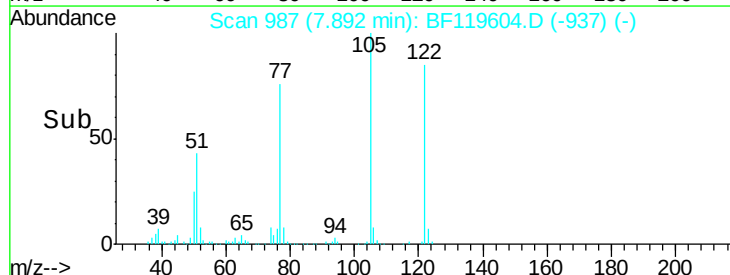
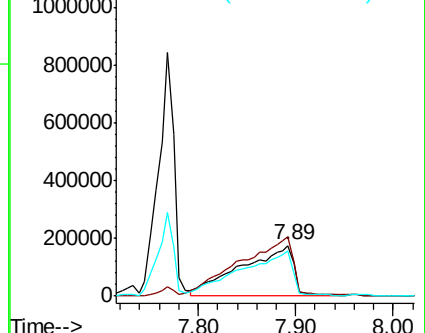
77 90.1 74.4 114.4

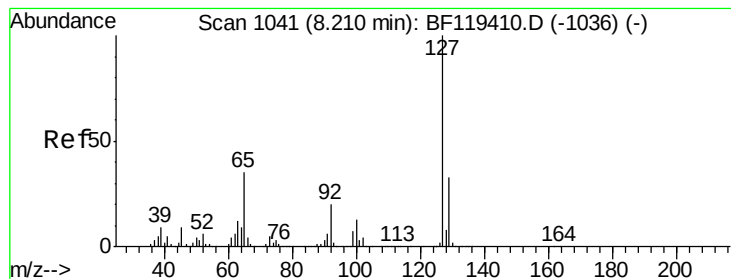


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.838 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 159209

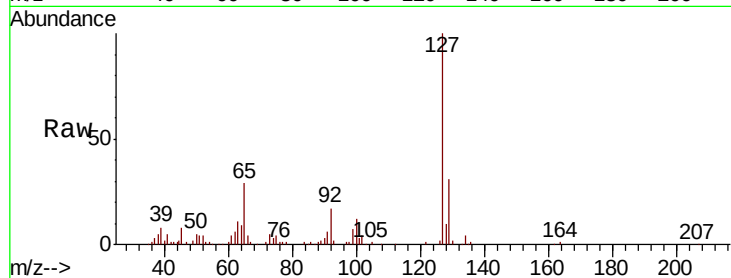
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.4

65 29.4 27.4 41.0

92 17.3 15.3 22.9

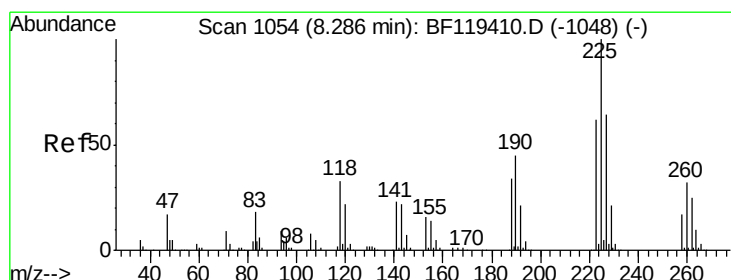
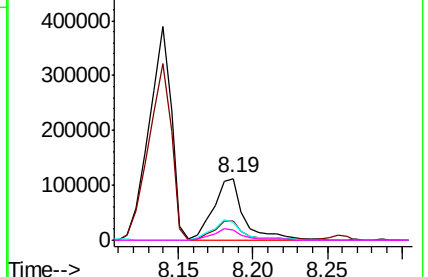
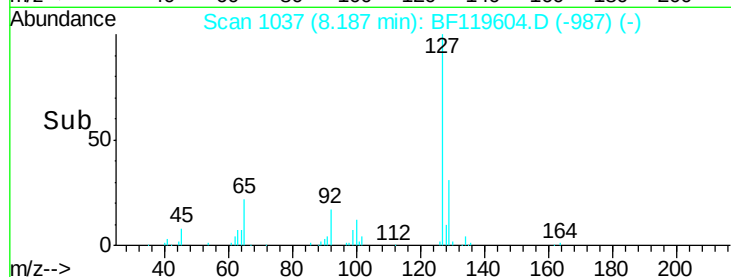


Abundance Ion 127.00 (126.70 to 127.70): E

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: 49.846 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

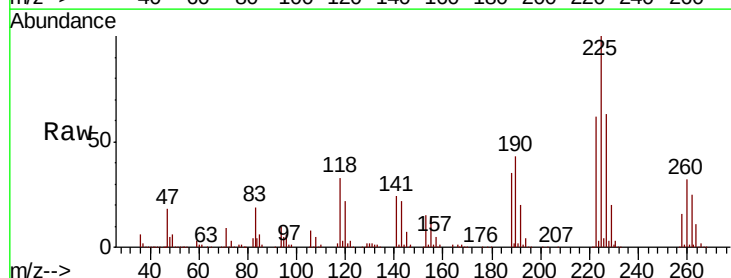
Tgt Ion:225 Resp: 524709

Ion Ratio Lower Upper

225 100

223 61.5 51.0 76.6

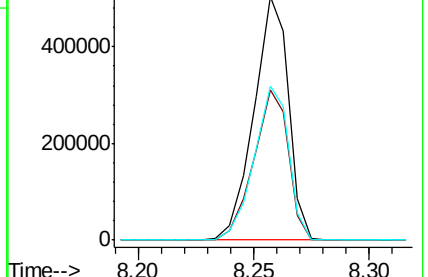
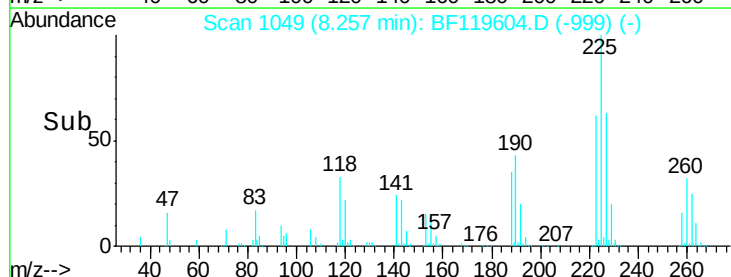
227 63.3 50.7 76.1

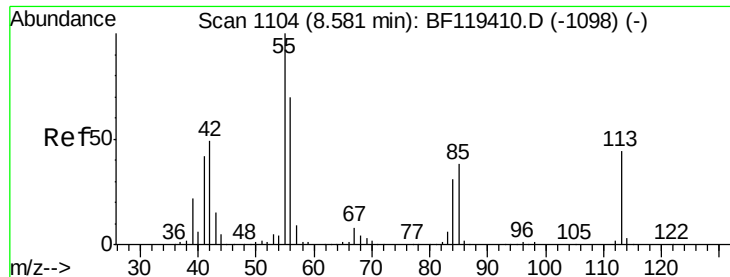


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

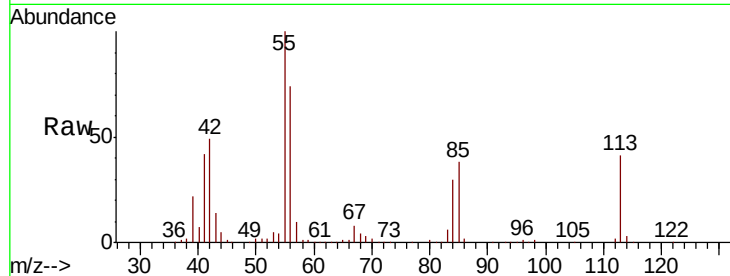




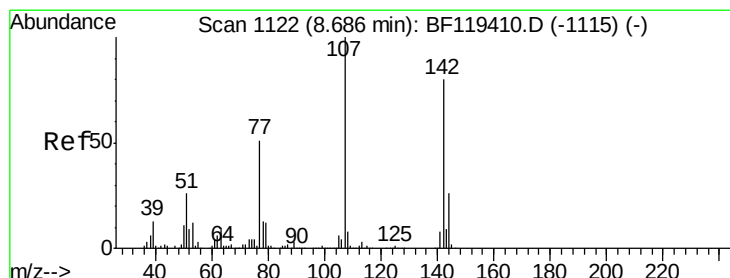
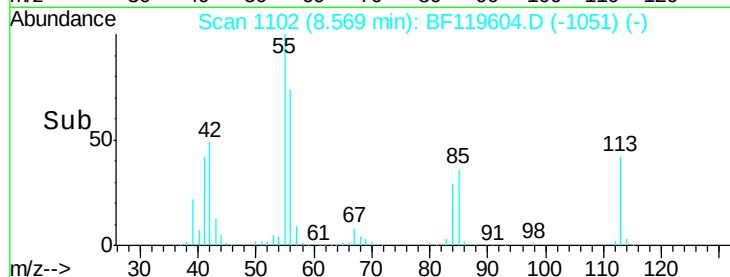
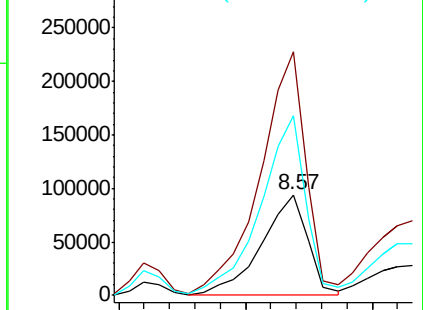
#35
Caprolactam
Concen: 21.115 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 117564
Ion Ratio Lower Upper
113 100
55 241.5 218.4 258.4
56 178.8 148.9 188.9

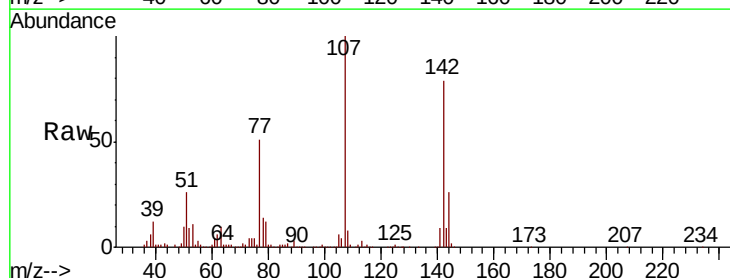


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

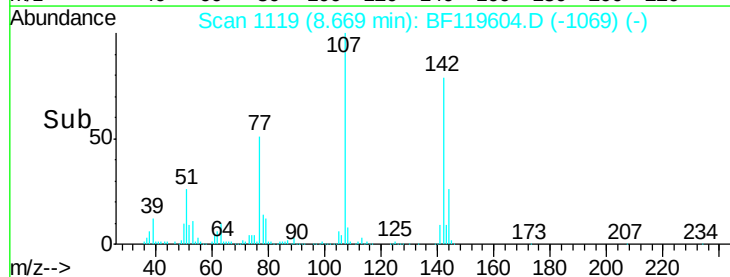
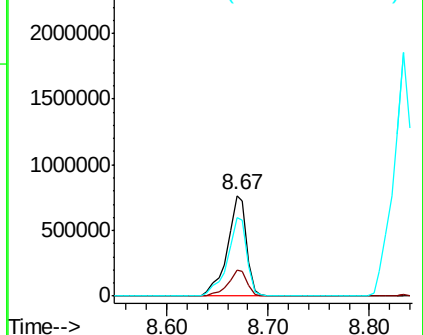


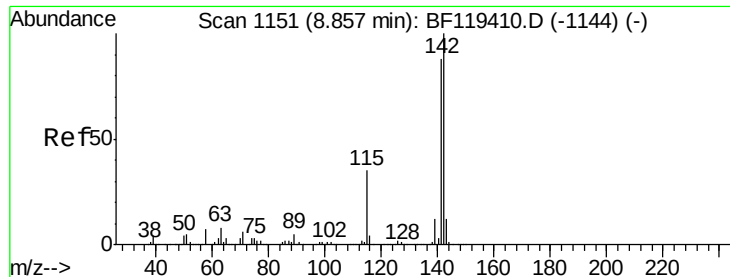
#36
4-Chloro-3-methylphenol
Concen: 53.882 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:107 Resp: 1001878
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.6
142 78.6 64.4 96.6



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

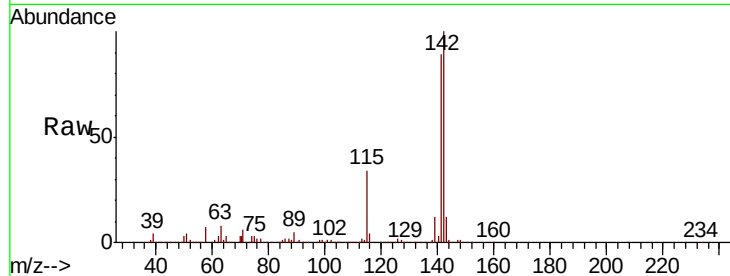




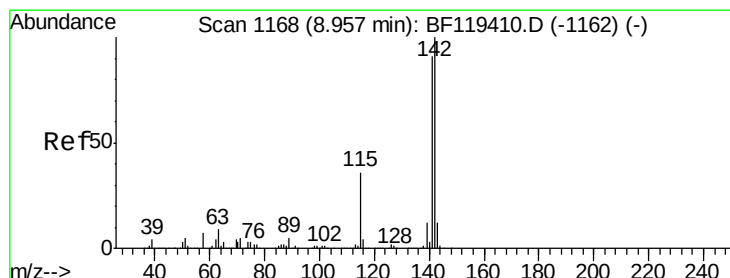
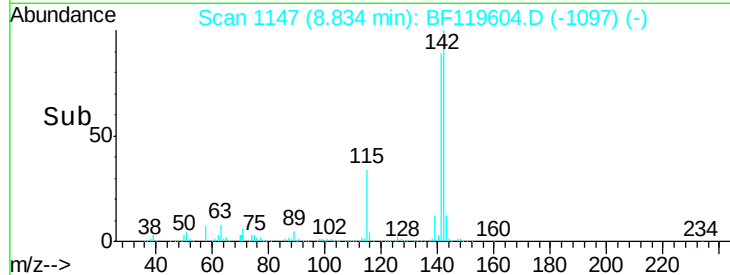
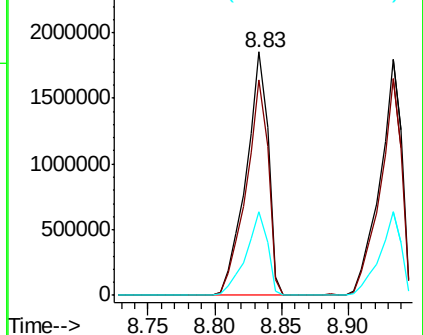
#37
 2-Methylnaphthalene
 Concen: 53.939 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 2106824
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.7 107.5
 115 34.4 27.9 41.9

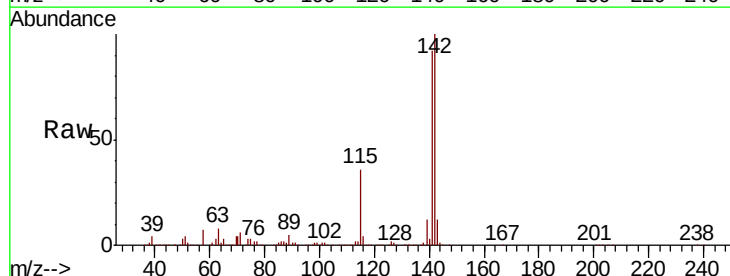


Abundance Ion 142.00 (141.70 to 142.70): E
 2500000 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

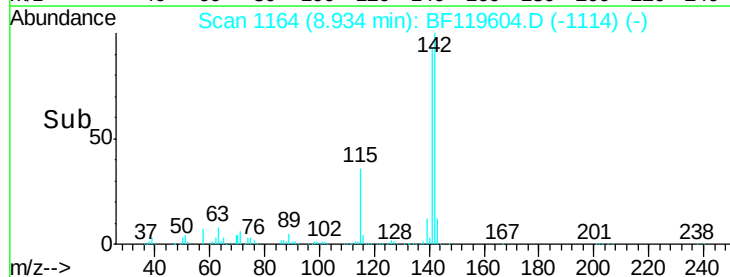
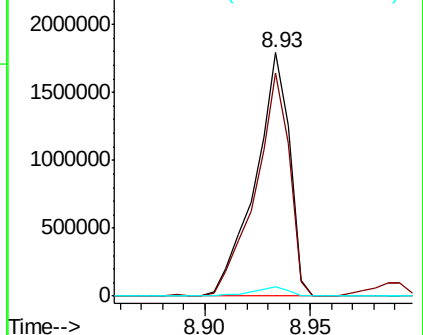


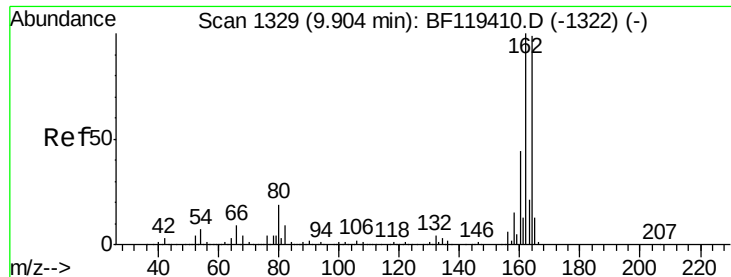
#38
 1-Methylnaphthalene
 Concen: 54.676 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Tgt Ion:142 Resp: 2021396
 Ion Ratio Lower Upper
 142 100
 141 91.9 73.7 110.5
 116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 2500000 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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

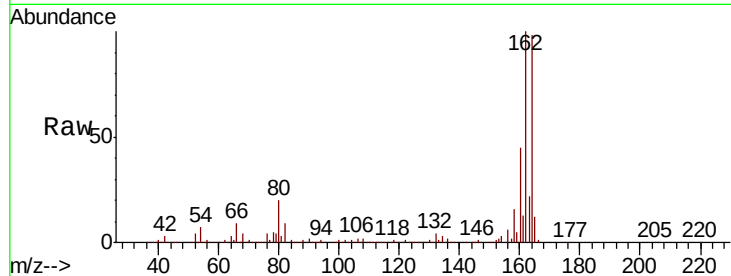
Tot Ion:164 Resp: 607377

Ion Ratio Lower Upper

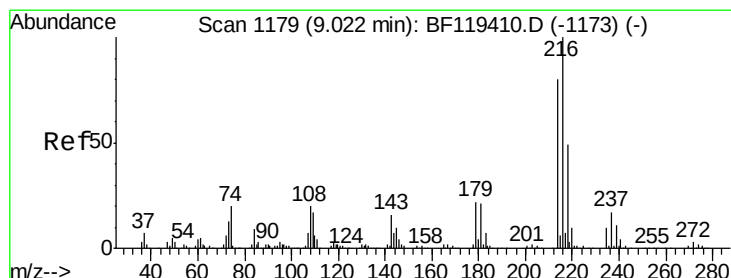
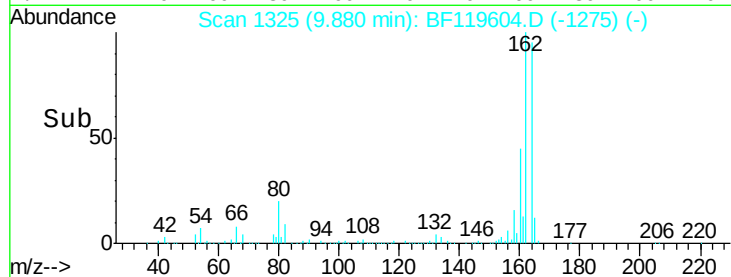
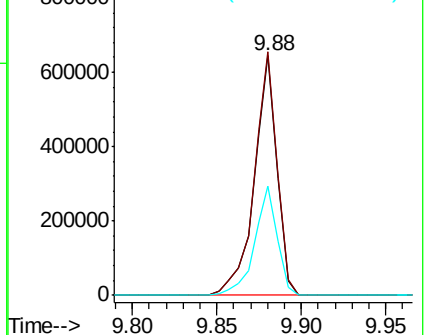
164 100

162 101.6 80.6 121.0

160 45.7 35.7 53.5



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: 49.512 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Tgt Ion:216 Resp: 881456

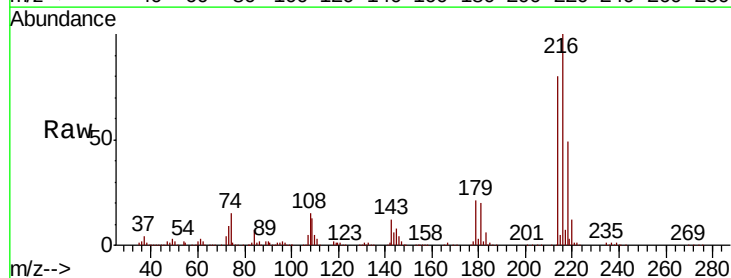
Ion Ratio Lower Upper

216 100

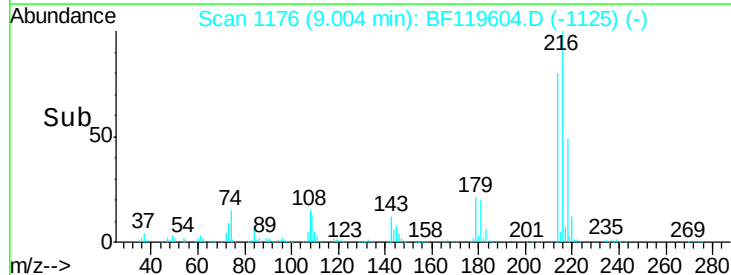
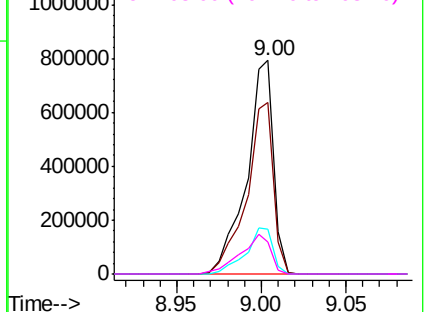
214 80.0 63.2 94.8

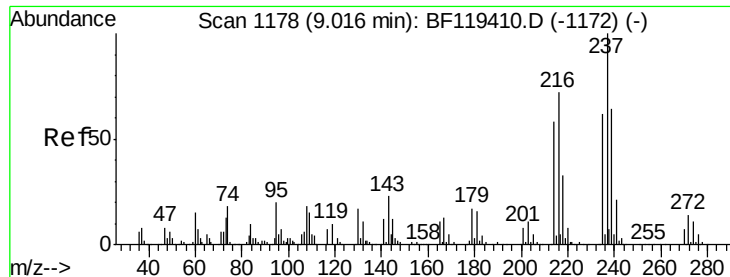
179 21.6 17.1 25.7

108 20.8 15.1 22.7



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: 91.543 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

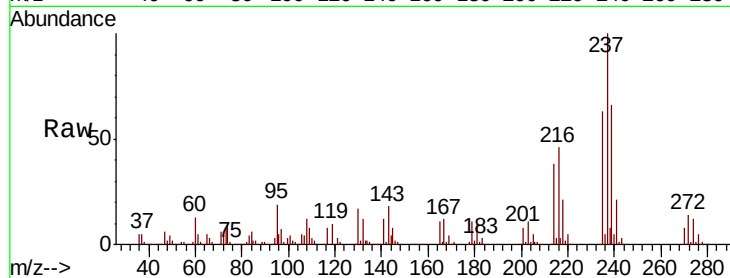
Tot Ion:237 Resp: 926508

Ion Ratio Lower Upper

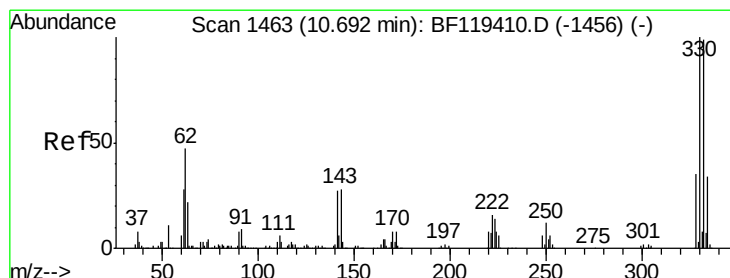
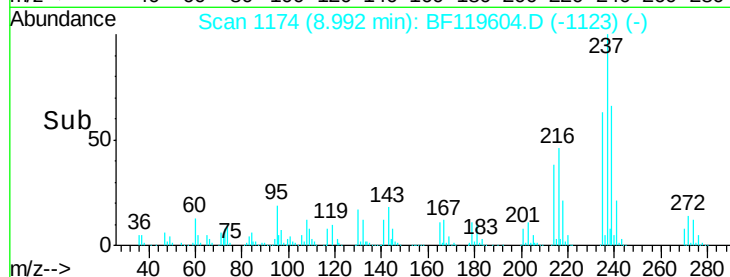
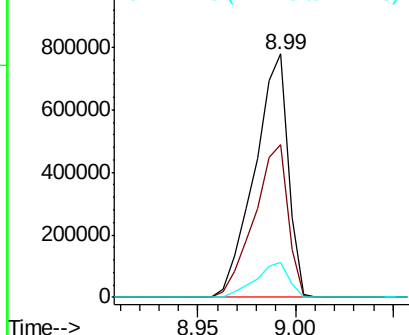
237 100

235 63.0 43.2 83.2

272 14.4 0.0 34.1



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: 152.167 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

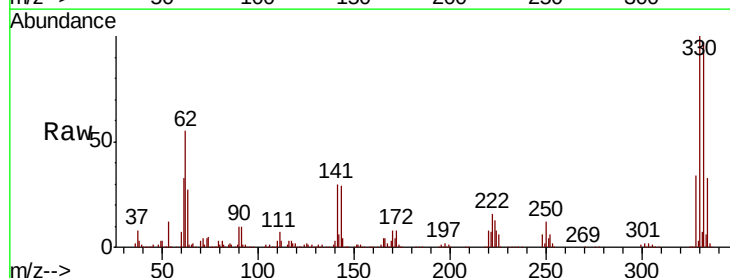
Tgt Ion:330 Resp: 953493

Ion Ratio Lower Upper

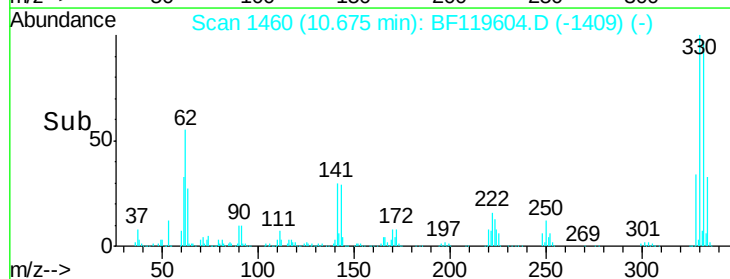
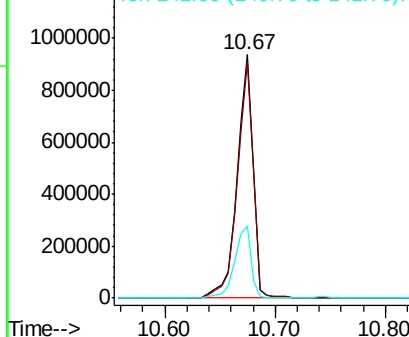
330 100

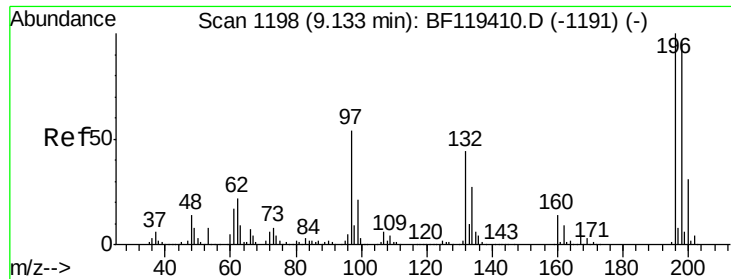
332 96.9 75.7 113.5

141 30.9 25.4 38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

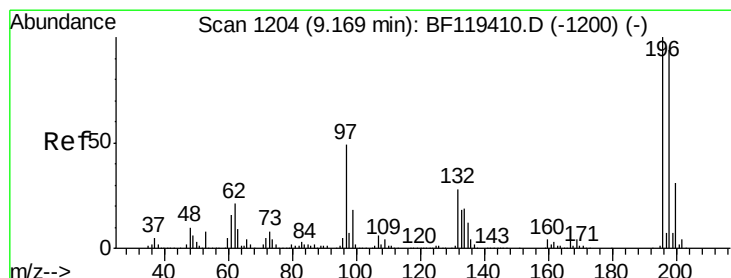
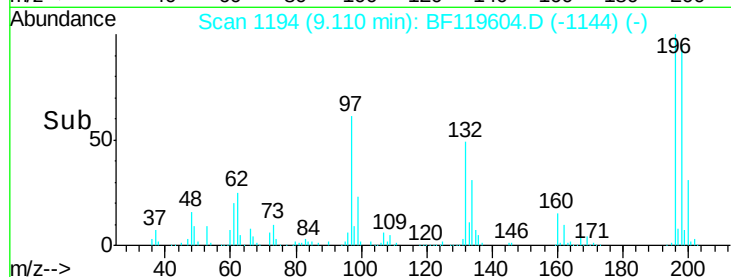
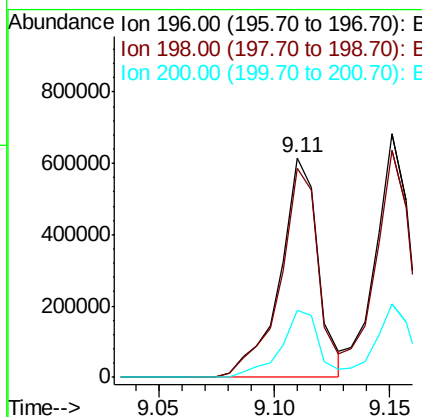
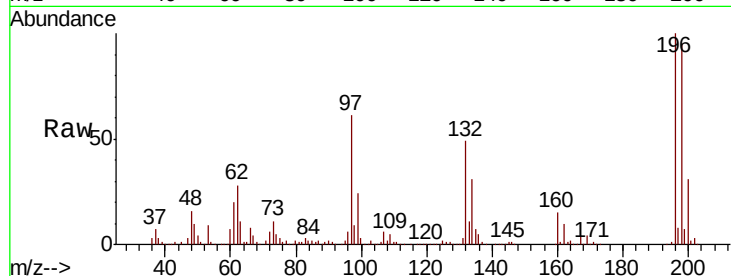




#43
 2,4,6-Trichlorophenol
 Concen: 55.369 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

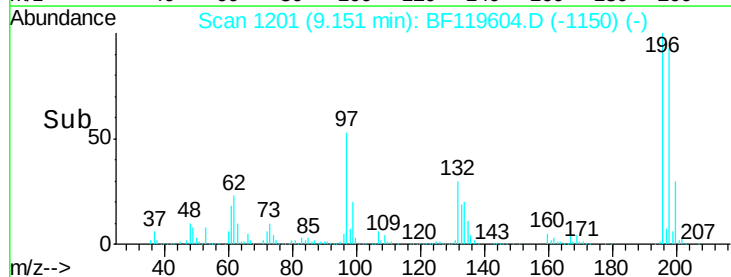
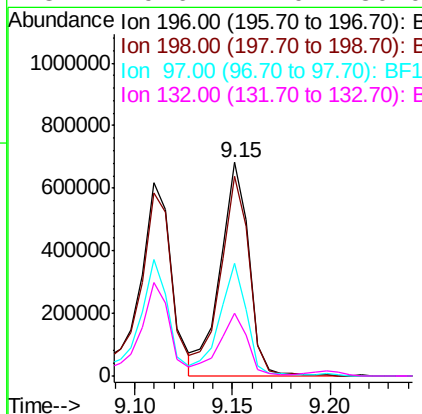
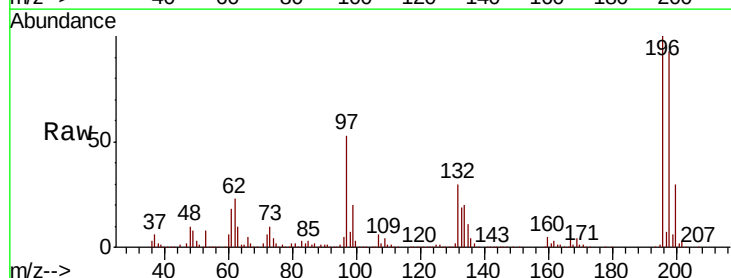
Instrument :
 BNA_F
 ClientSampleId :

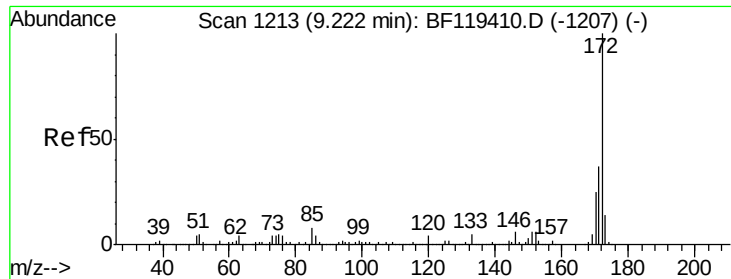
Tot Ion:196 Resp: 705400
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.6 115.0
 200 30.5 24.6 36.8



#44
 2,4,5-Trichlorophenol
 Concen: 48.357 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Tgt Ion:196 Resp: 690140
 Ion Ratio Lower Upper
 196 100
 198 93.4 73.8 110.8
 97 52.6 42.6 63.8
 132 29.6 24.0 36.0

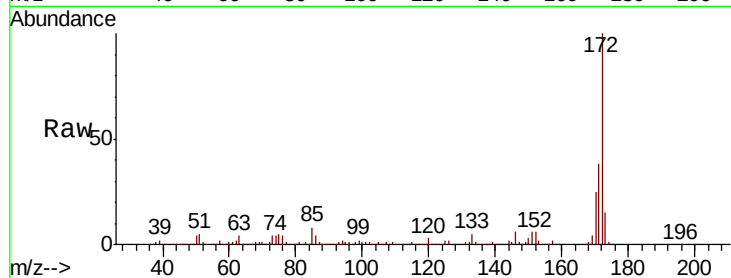




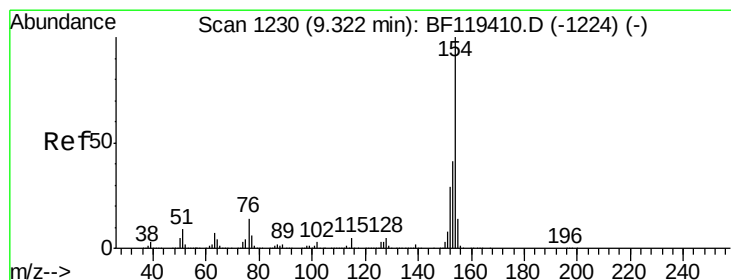
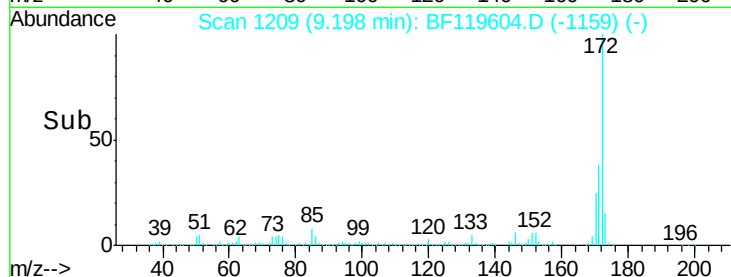
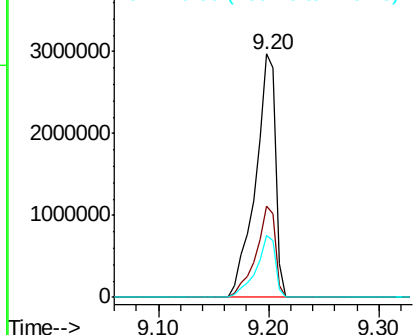
#45
2-Fluorobiphenyl
Concen: 92.703 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3800660
Ion Ratio Lower Upper
172 100
171 37.7 29.6 44.4
170 25.2 20.2 30.2

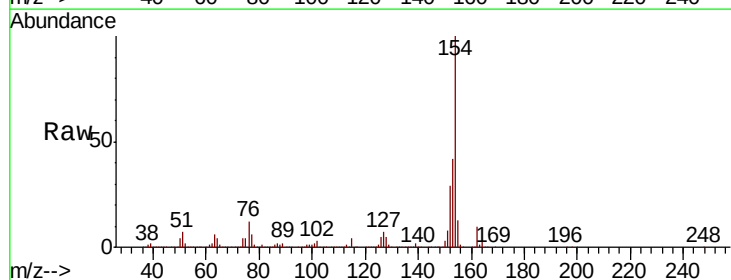


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

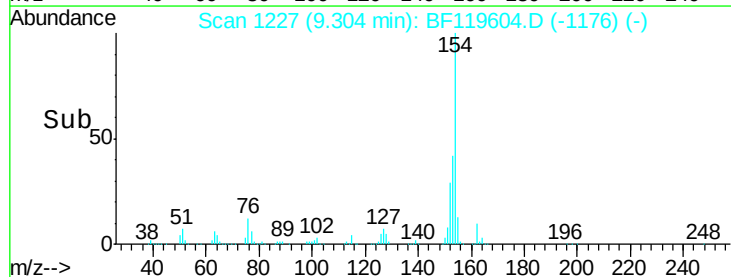
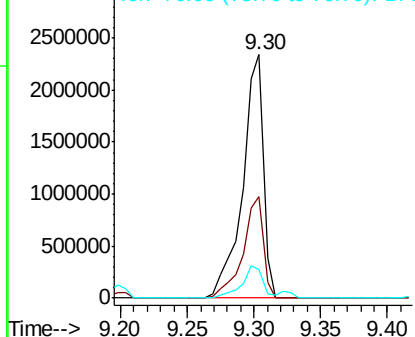


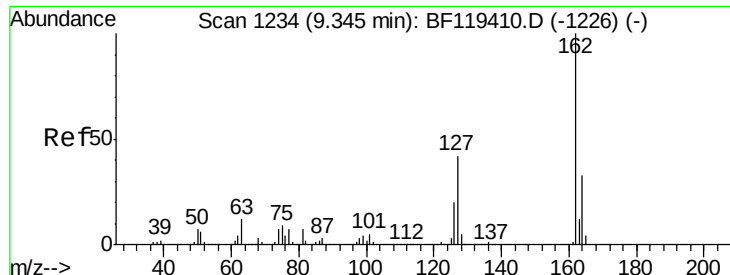
#46
1,1'-Biphenyl
Concen: 50.768 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:154 Resp: 2511404
Ion Ratio Lower Upper
154 100
153 41.8 21.4 61.4
76 11.8 0.0 33.0



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

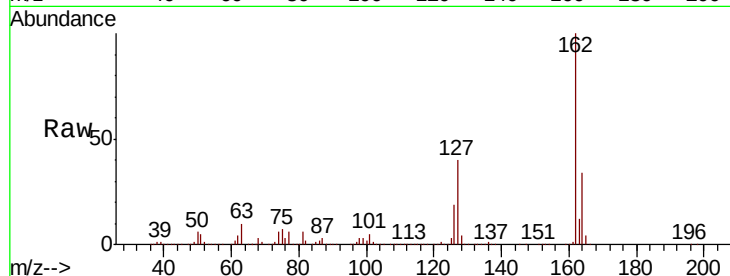




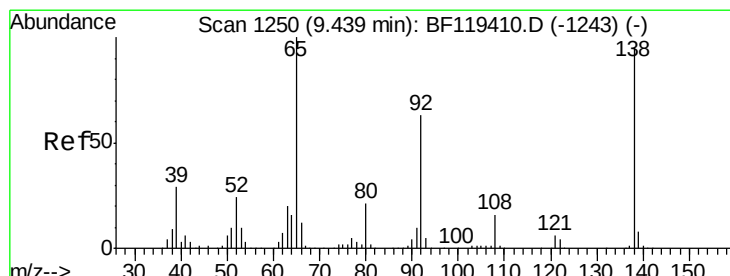
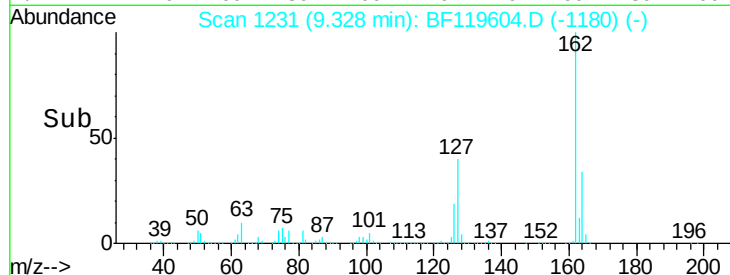
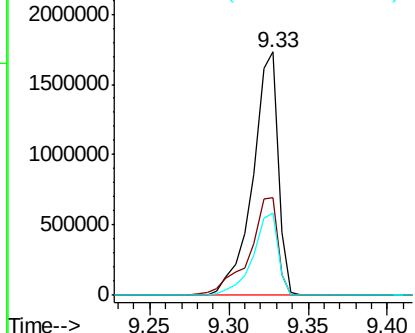
#47
 2-Chloronaphthalene
 Concen: 50.166 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1943877
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.7 50.5
 164 33.9 26.3 39.5

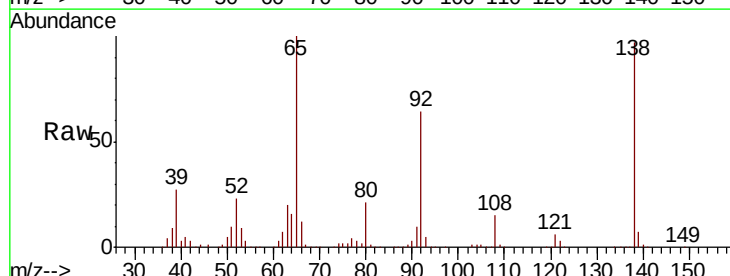


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

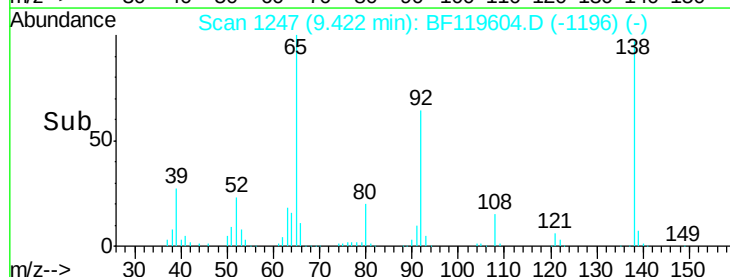
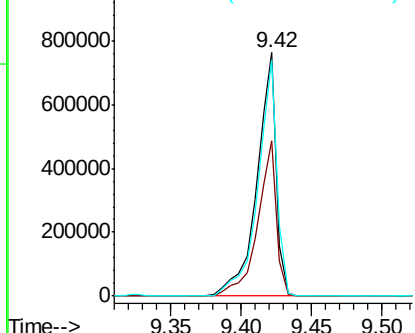


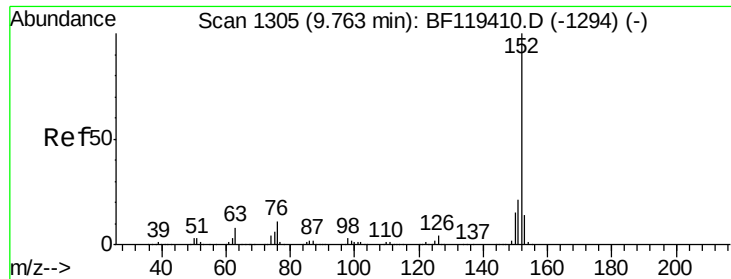
#48
 2-Nitroaniline
 Concen: 55.152 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Tgt Ion: 65 Resp: 737640
 Ion Ratio Lower Upper
 65 100
 92 63.9 50.0 75.0
 138 96.9 75.0 112.4



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: 50.047 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

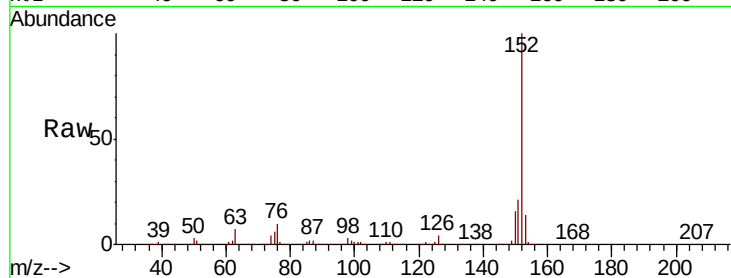
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 3045352

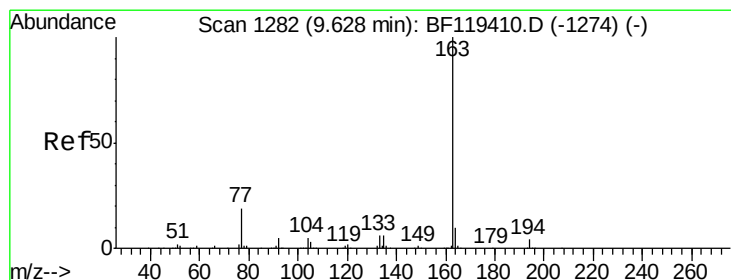
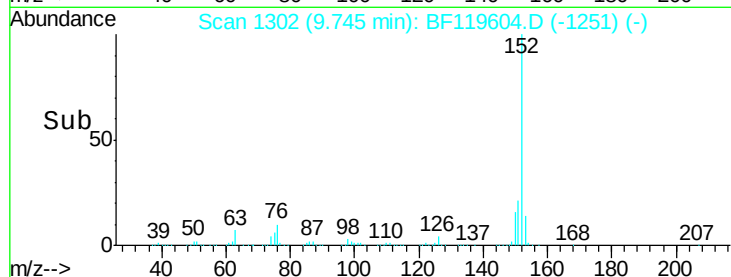
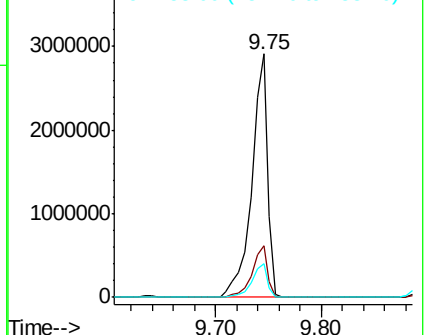
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.0	11.2	16.8



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: 58.940 ng

RT: 9.61 min Scan# 1279

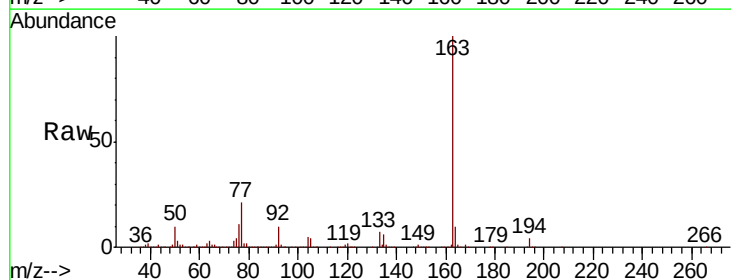
Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Tgt Ion:163 Resp: 2542798

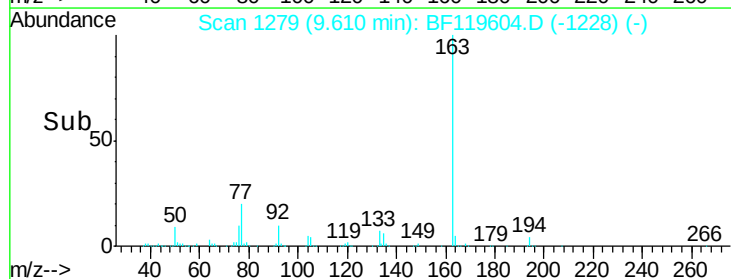
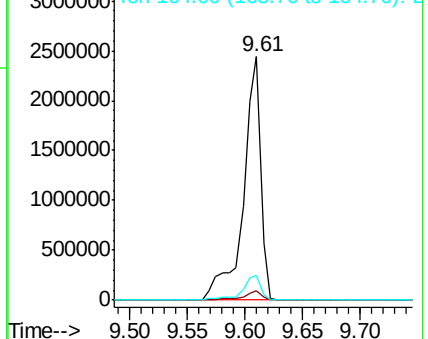
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.4	8.2	12.2

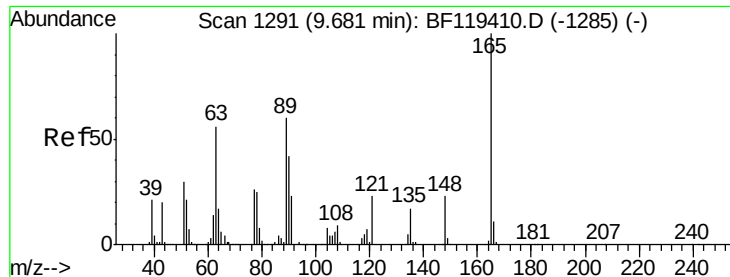


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 58.269 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

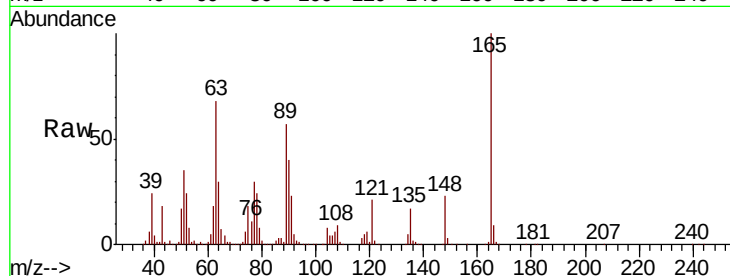
Tot Ion:165 Resp: 538833

Ion Ratio Lower Upper

165 100

63 67.6 45.0 67.4#

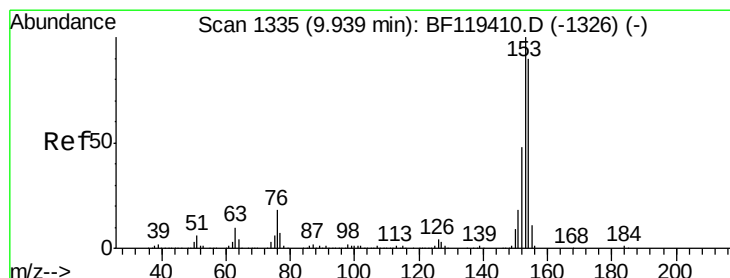
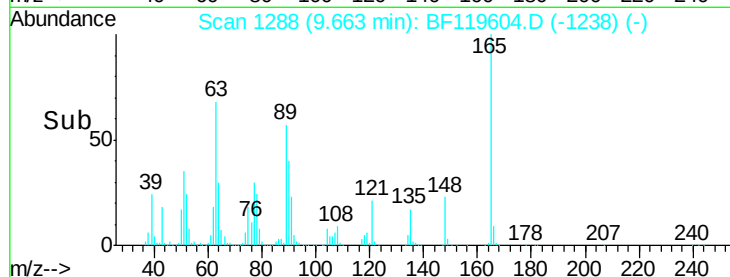
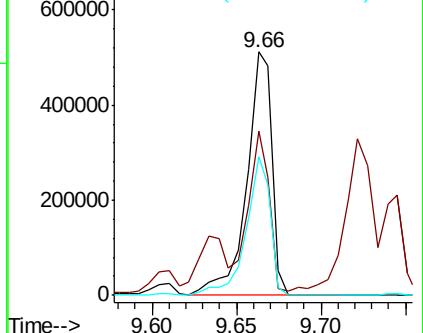
89 57.1 41.5 62.3



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: 55.283 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

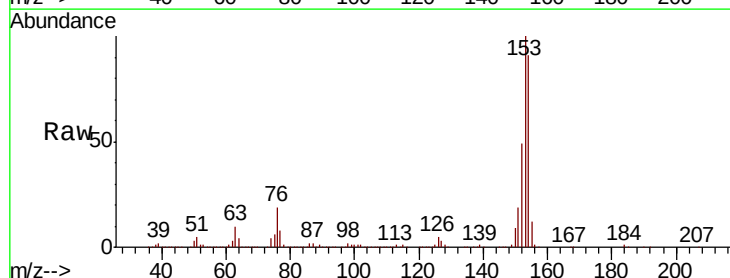
Tgt Ion:154 Resp: 2097116

Ion Ratio Lower Upper

154 100

153 109.4 88.1 132.1

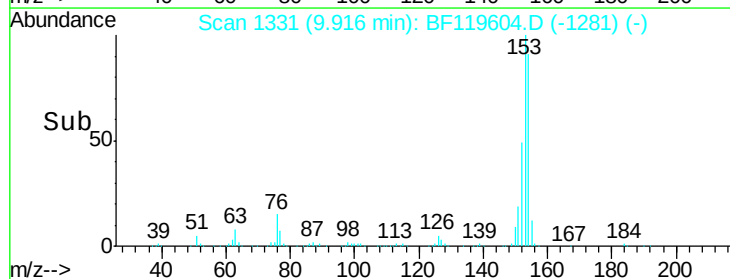
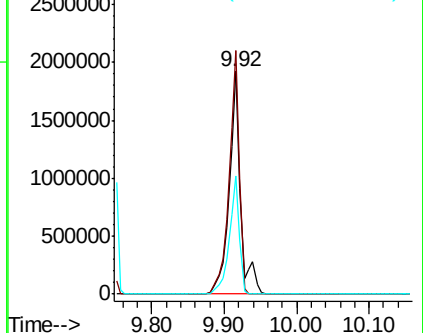
152 53.2 43.0 64.4

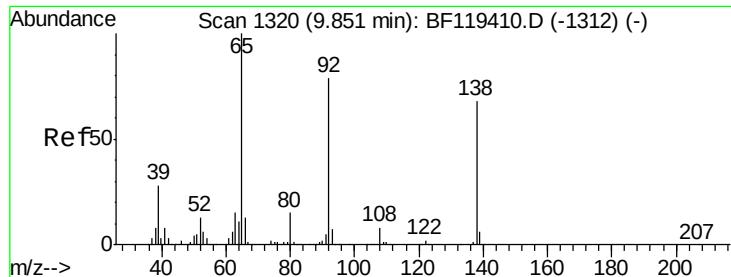


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

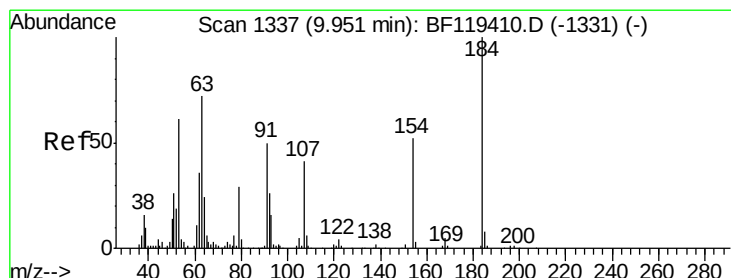
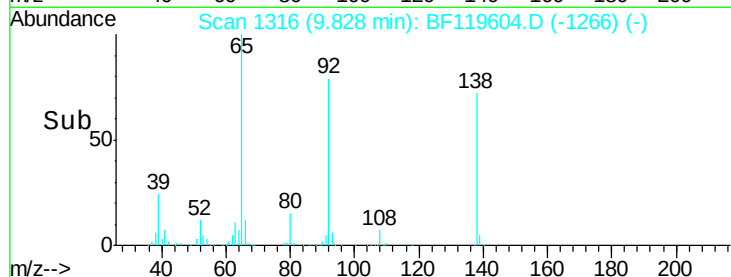
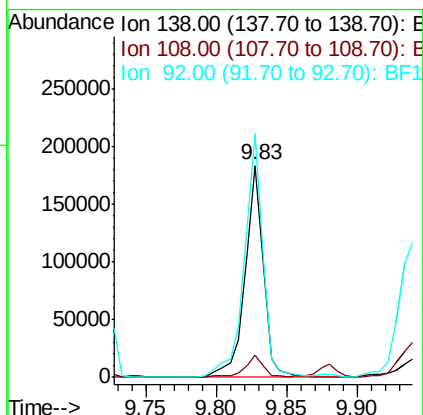
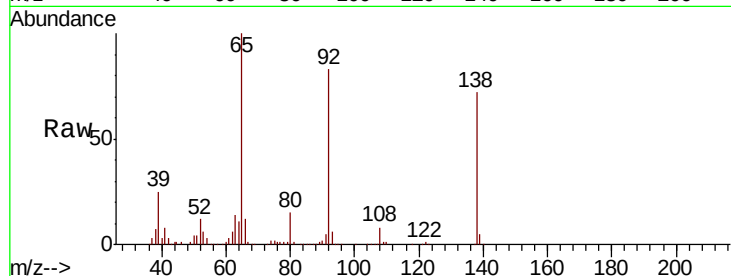




#53
3-Nitroaniline
Concen: 14.276 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

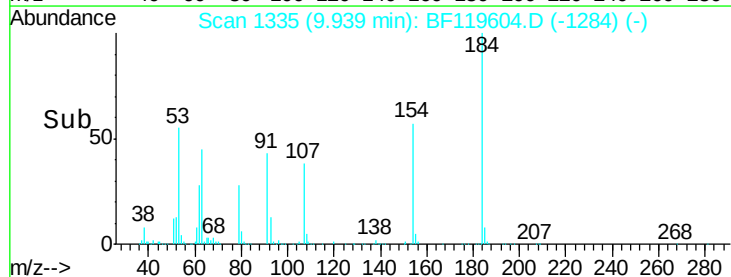
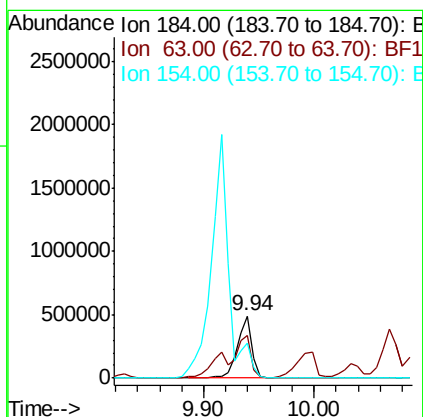
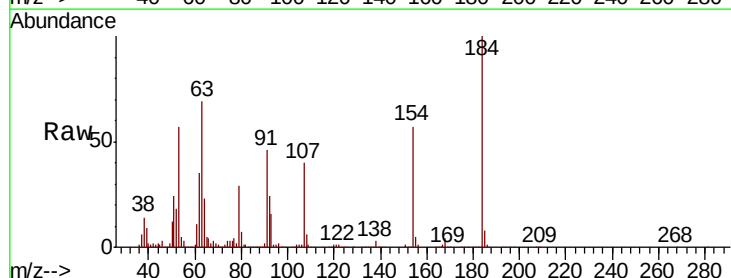
Instrument :
BNA_F
ClientSampleId :

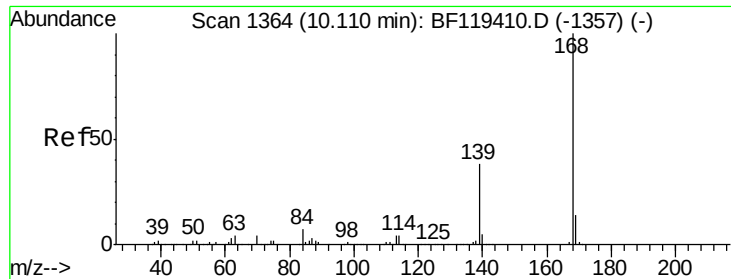
Tot Ion:138 Resp: 166666
Ion Ratio Lower Upper
138 100
108 10.4 8.6 13.0
92 114.9 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 110.182 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:184 Resp: 452951
Ion Ratio Lower Upper
184 100
63 69.0 50.2 75.4
154 57.0 44.5 66.7





#55

Dibenzofuran

Concen: 50.356 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

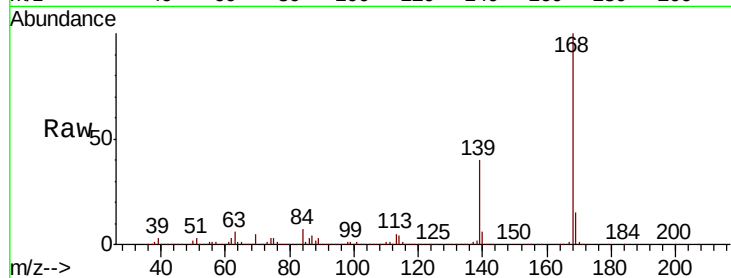
Tot Ion:168 Resp: 2738793

Ion Ratio Lower Upper

168 100

139 39.5 30.1 45.1

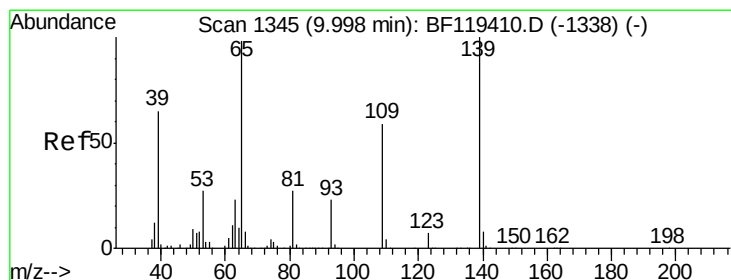
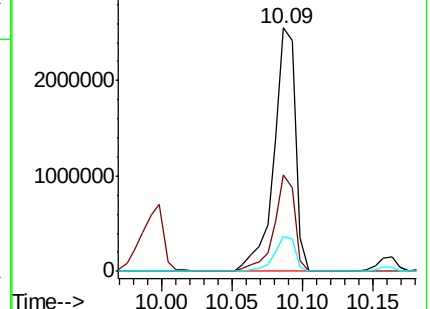
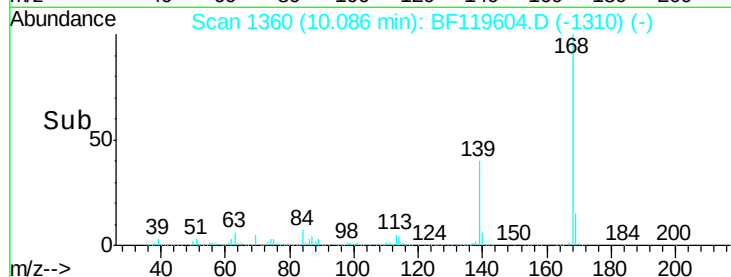
169 14.5 11.0 16.6



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: 84.262 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

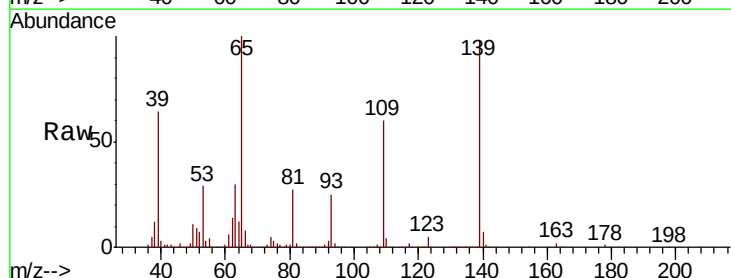
Tgt Ion:139 Resp: 776028

Ion Ratio Lower Upper

139 100

109 61.1 43.3 83.3

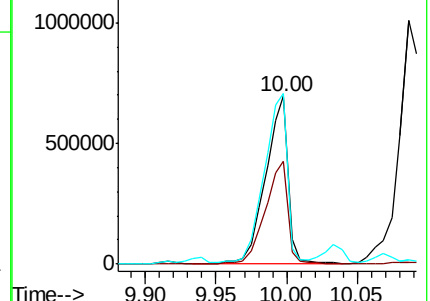
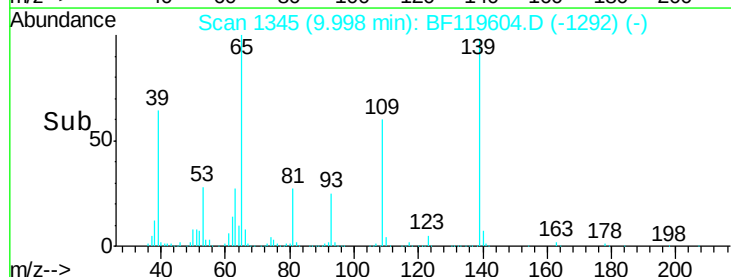
65 101.8 91.0 131.0

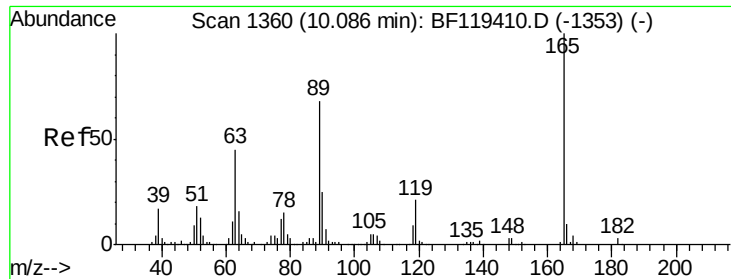


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

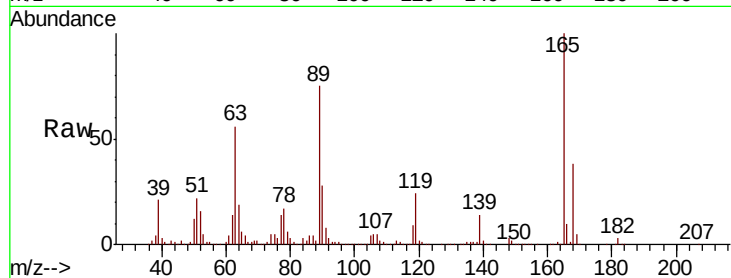




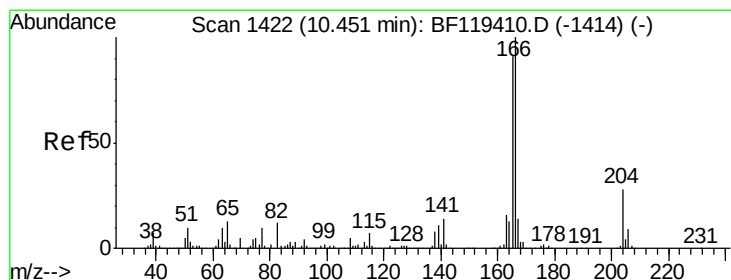
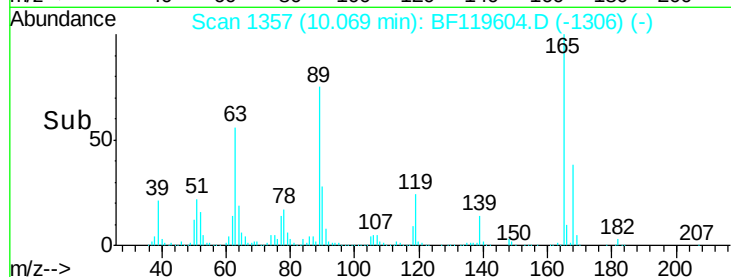
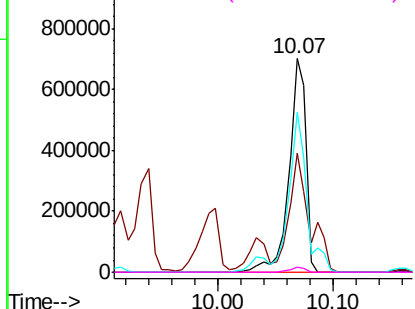
#57
2,4-Dinitrotoluene
Concen: 60.985 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 710414
Ion Ratio Lower Upper
165 100
63 55.7 42.6 64.0
89 74.9 61.0 91.4
182 2.5 2.2 3.2

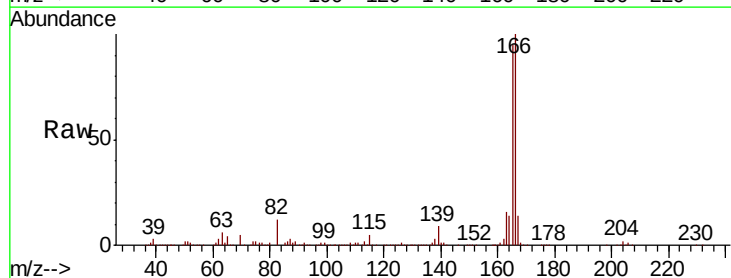


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

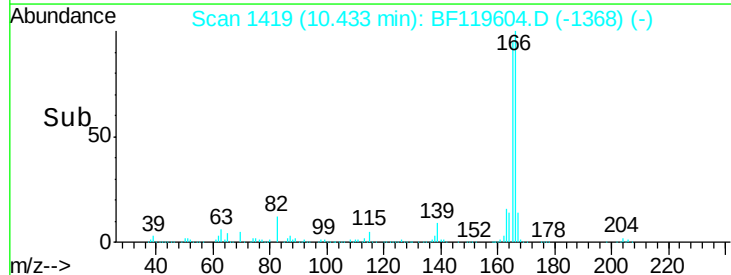
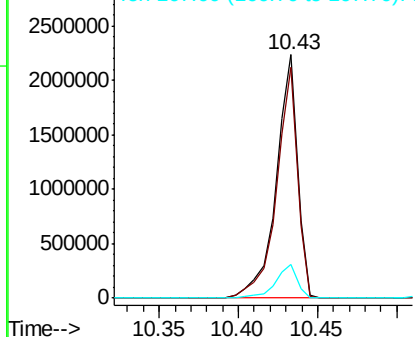


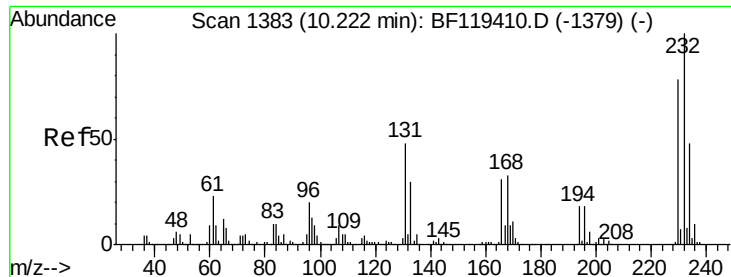
#58
Fluorene
Concen: 52.139 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:166 Resp: 2096993
Ion Ratio Lower Upper
166 100
165 94.7 75.4 113.2
167 14.0 11.2 16.8



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: 55.312 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 590064

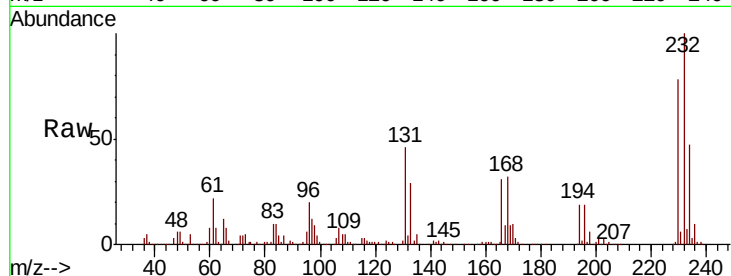
Ion Ratio Lower Upper

232 100

131 44.3 37.5 56.3

130 2.2 1.8 2.6

166 30.5 24.6 36.8

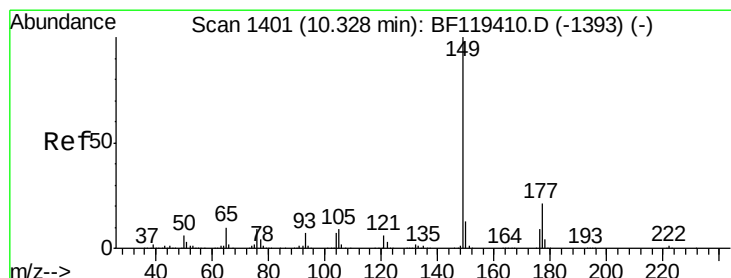
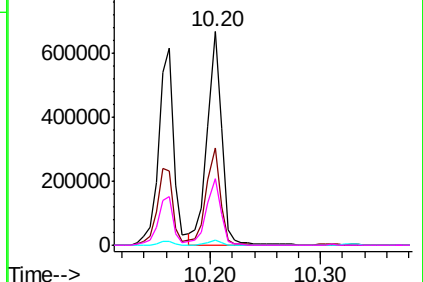
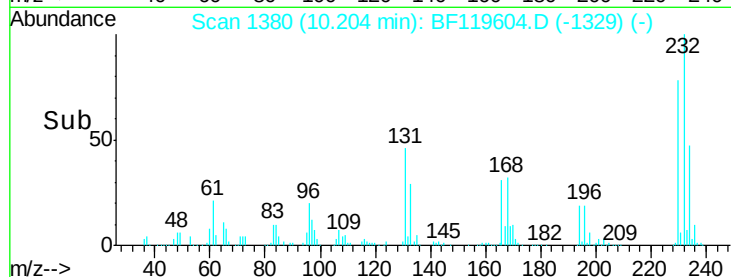


Abundance Ion 232.00 (231.70 to 232.70): E

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: 53.564 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

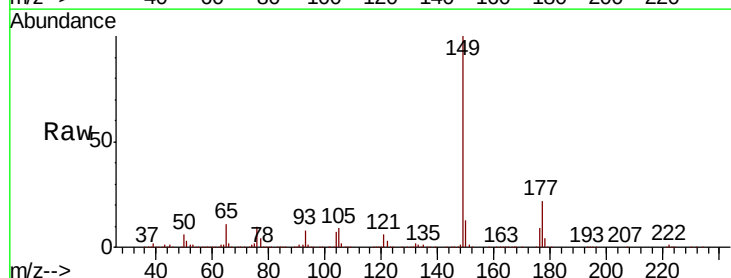
Tgt Ion:149 Resp: 2345387

Ion Ratio Lower Upper

149 100

177 22.2 17.0 25.6

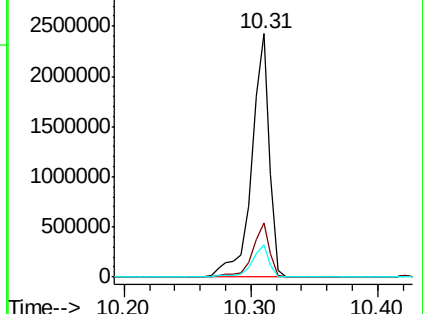
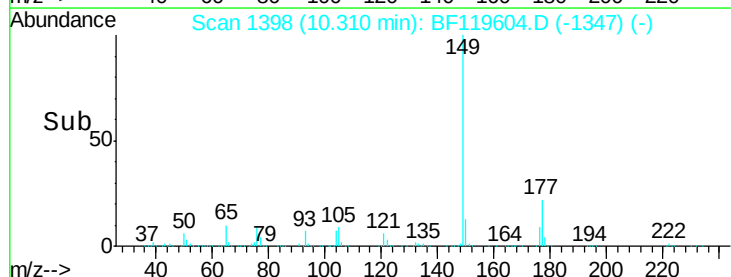
150 13.1 10.1 15.1

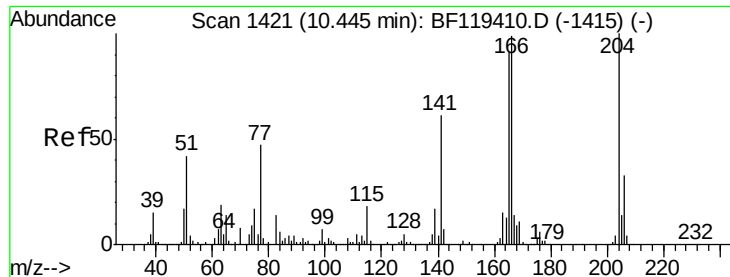


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

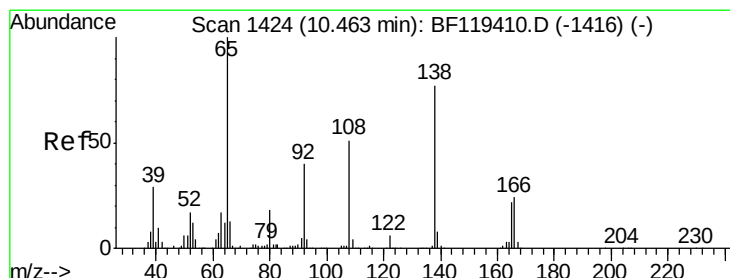
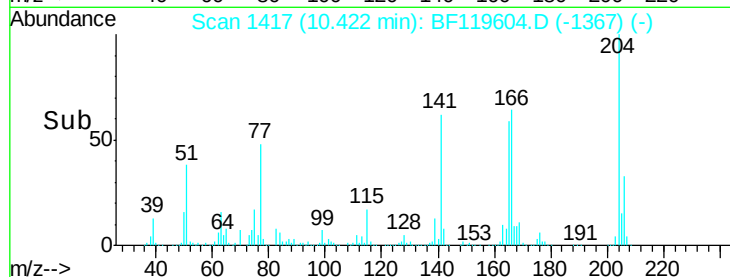
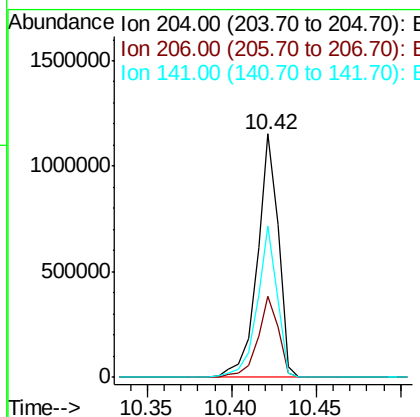
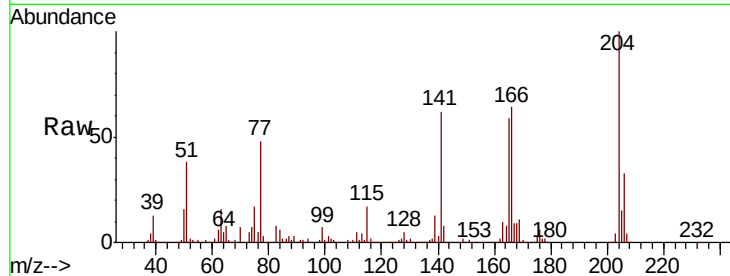




#61
4-Chlorophenyl-phenylether
Concen: 50.971 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

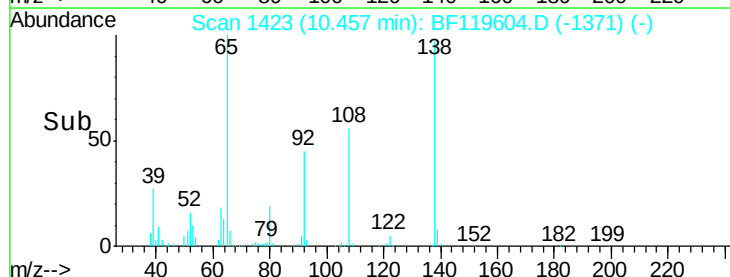
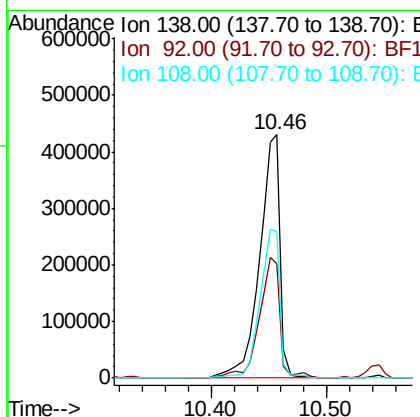
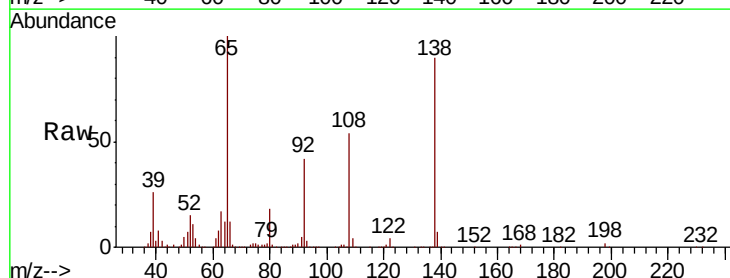
Instrument :
BNA_F
ClientSampled :

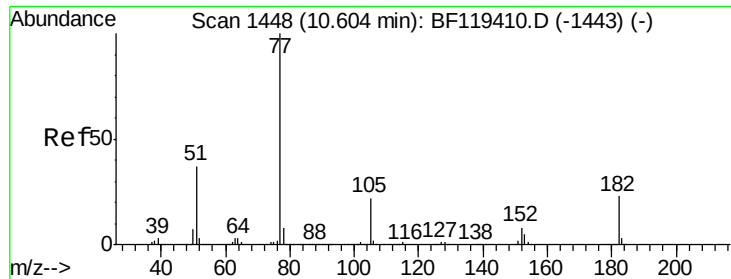
Tot Ion:204 Resp: 1002491
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 62.3 47.3 70.9



#62
4-Nitroaniline
Concen: 47.706 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:138 Resp: 534077
Ion Ratio Lower Upper
138 100
92 46.9 31.5 71.5
108 60.2 45.8 85.8

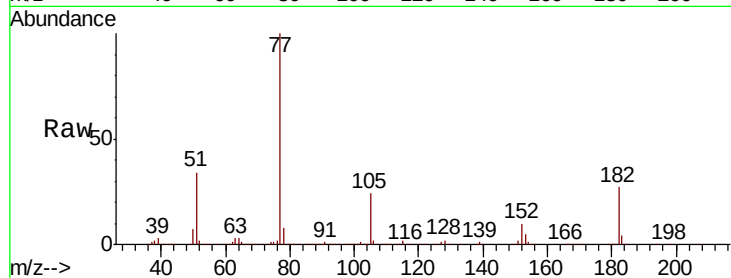




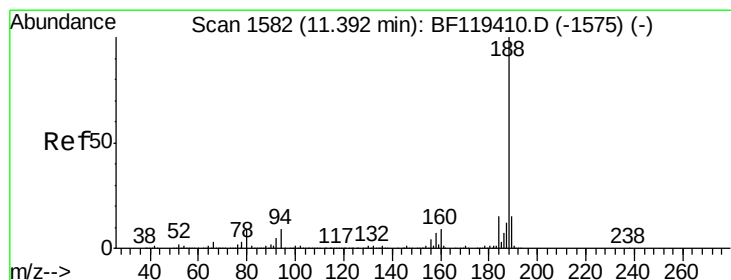
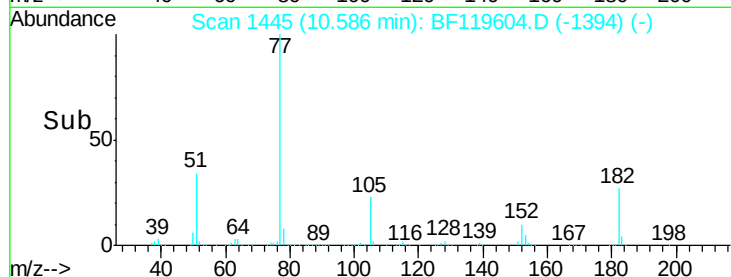
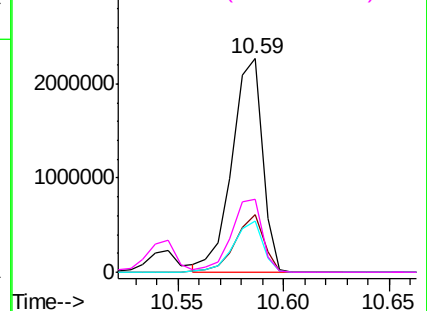
#63
Azobenzene
Concen: 51.124 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2254267
Ion Ratio Lower Upper
77 100
182 27.1 4.4 44.4
105 23.9 2.6 42.6
51 34.2 15.1 55.1

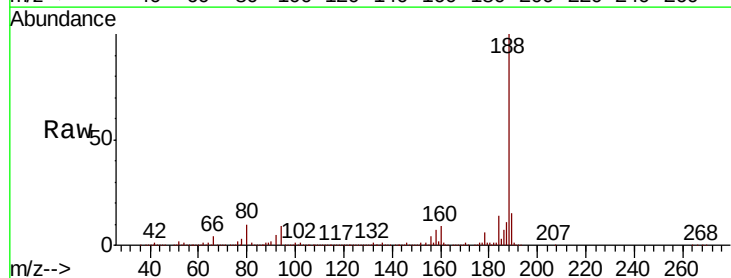


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

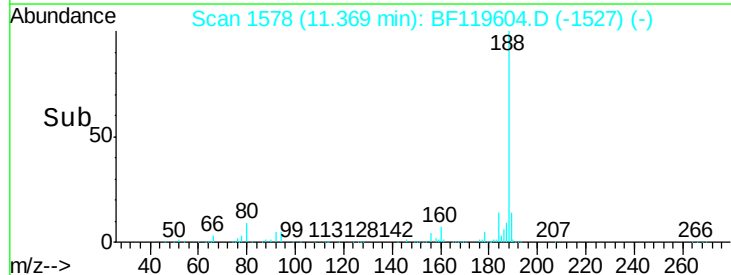
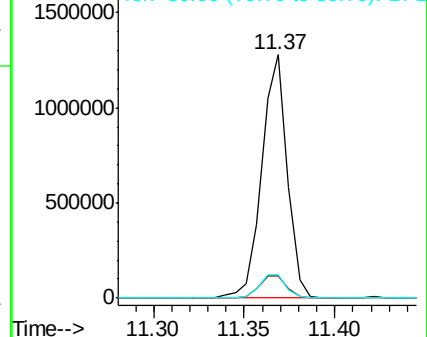


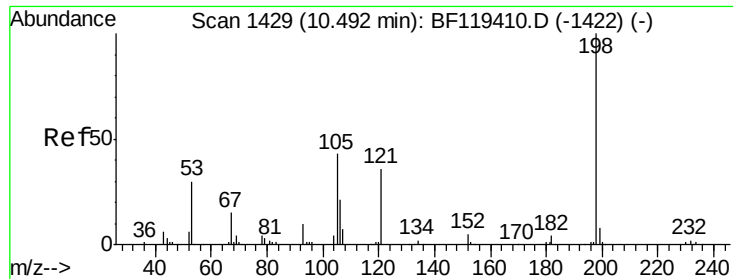
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion: 188 Resp: 1247944
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.6 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

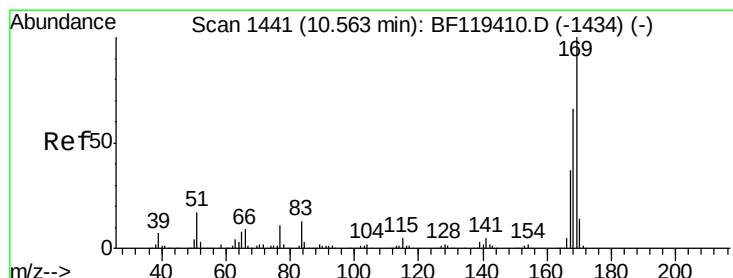
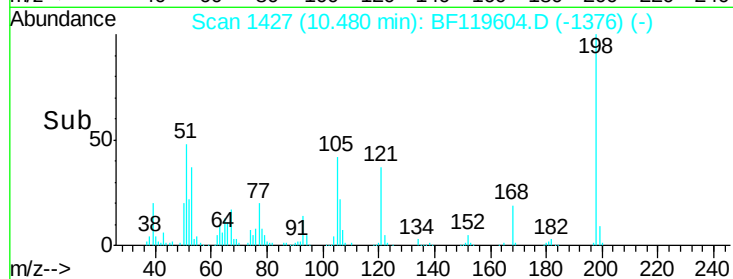
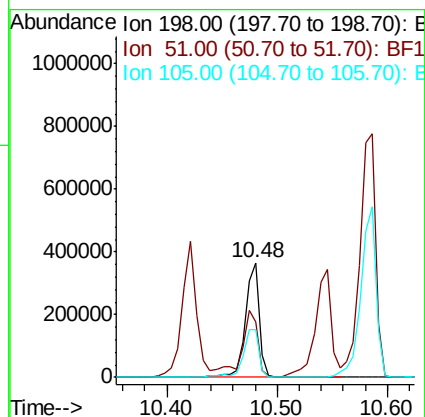
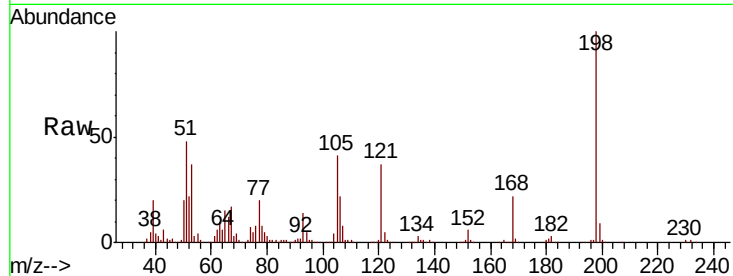




#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.539 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

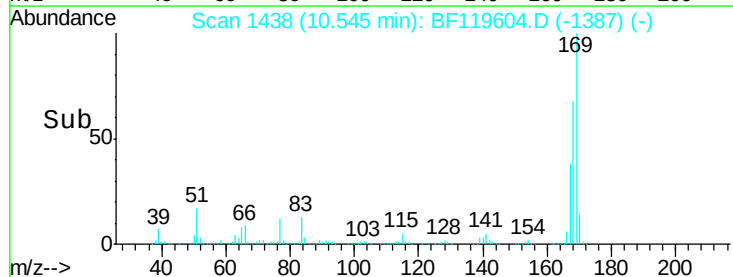
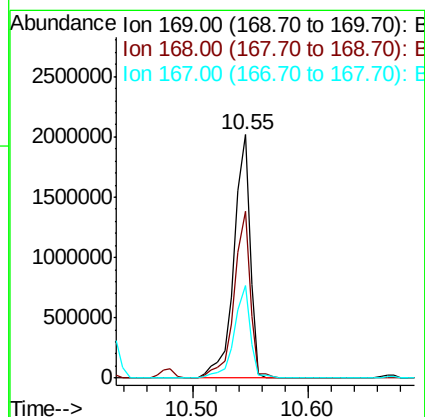
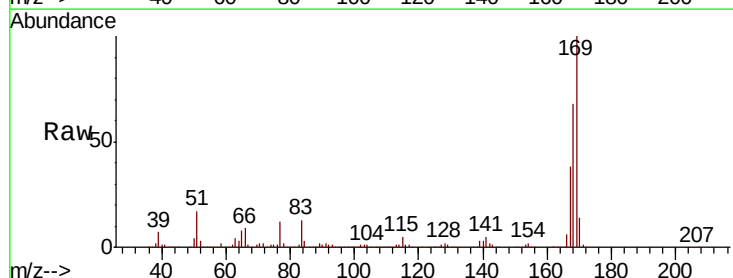
Instrument :
 BNA_F
 ClientSampleId :

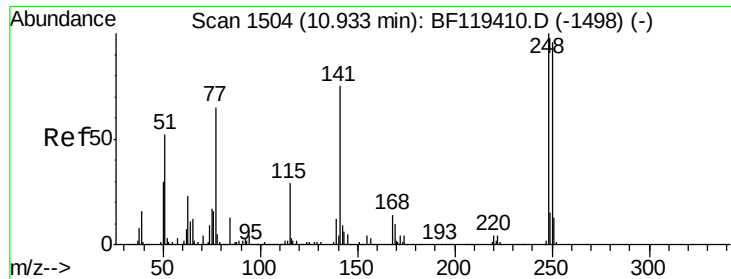
Tot Ion:198 Resp: 327266
 Ion Ratio Lower Upper
 198 100
 51 48.3 29.0 69.0
 105 41.4 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 47.979 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Tgt Ion:169 Resp: 1965627
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.2 79.8
 167 37.8 29.1 43.7

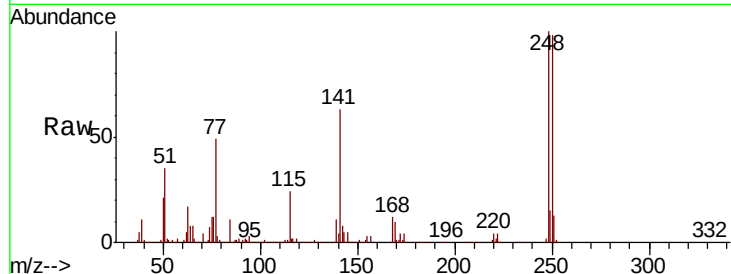




#67
4-Bromophenyl-phenylether
Concen: 51.119 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.3	115.9
141	63.4	58.6	87.8

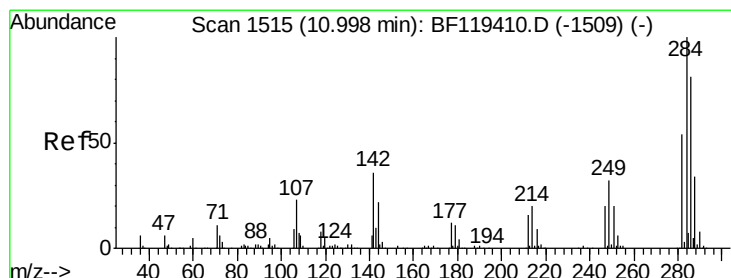
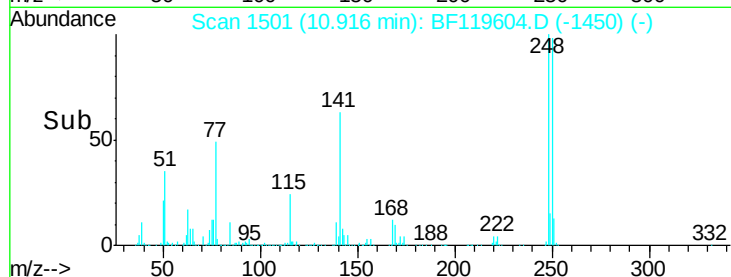
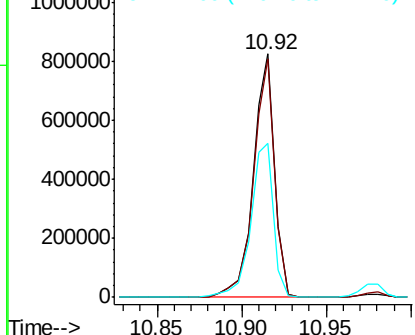


Abundance

Ion 248.00 (247.70 to 248.70): E

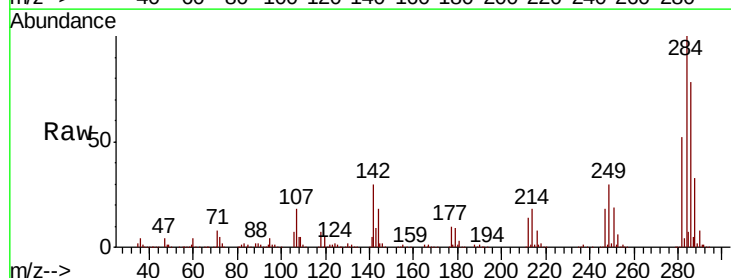
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 53.336 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	29.2	43.8
249	29.9	25.1	37.7

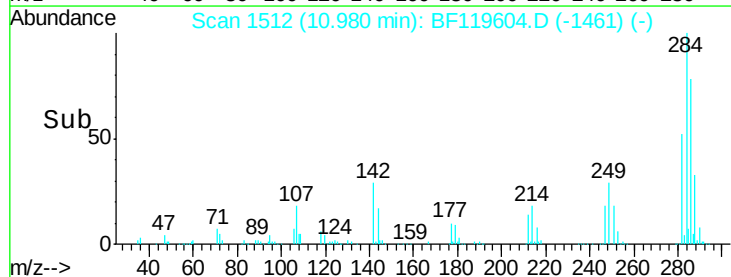
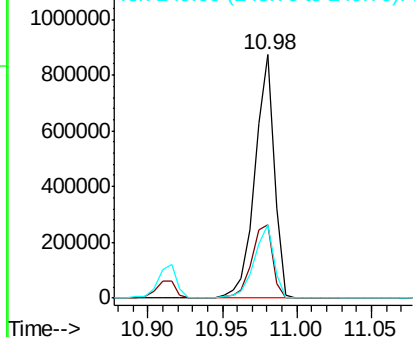


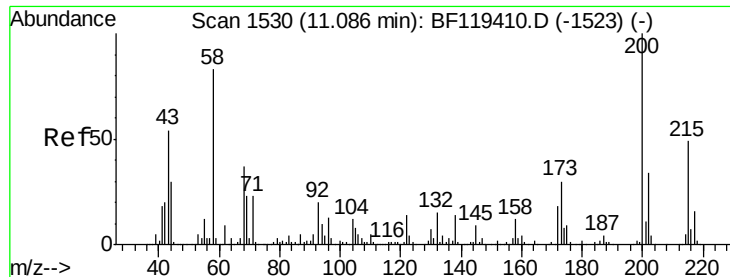
Abundance

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: 57.078 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

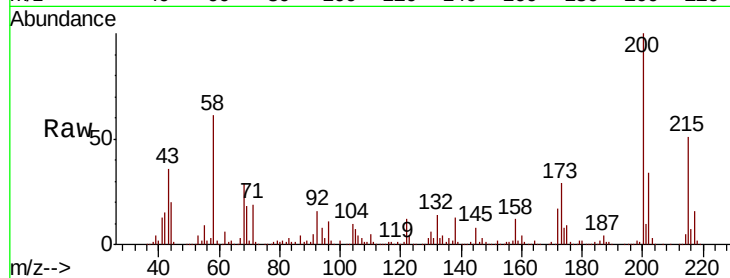
Tot Ion:200 Resp: 641060

Ion Ratio Lower Upper

200 100

173 29.5 9.3 49.3

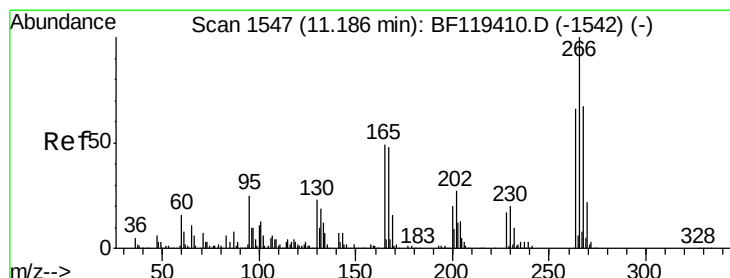
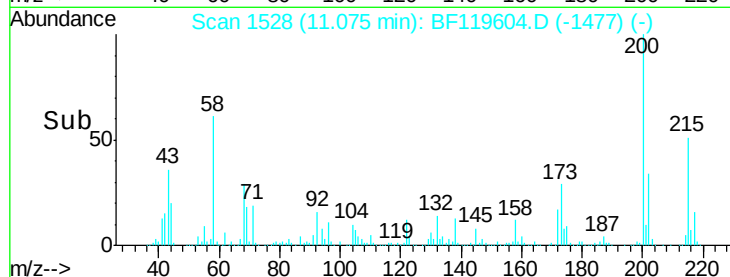
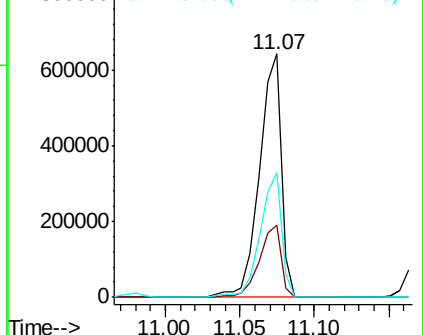
215 51.2 29.5 69.5



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: 99.125 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

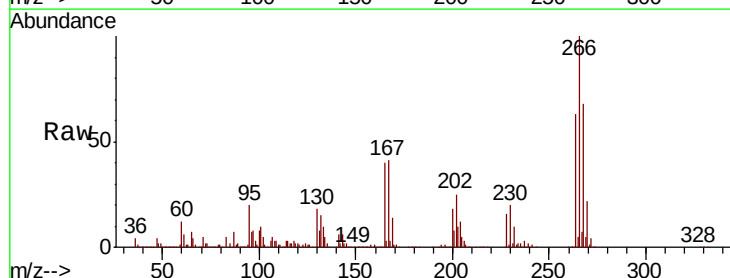
Tgt Ion:266 Resp: 845459

Ion Ratio Lower Upper

266 100

268 67.6 53.3 79.9

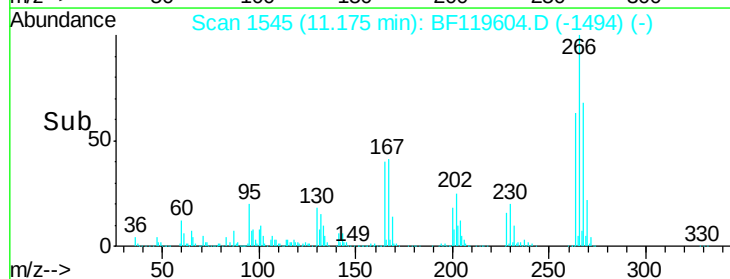
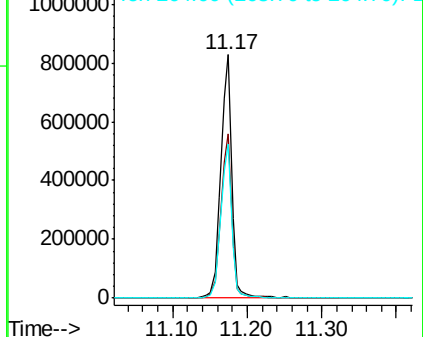
264 63.2 49.0 73.4

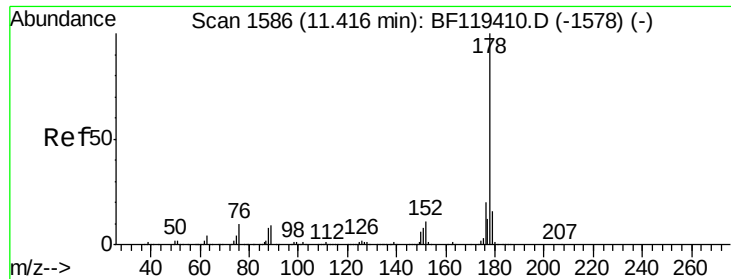


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

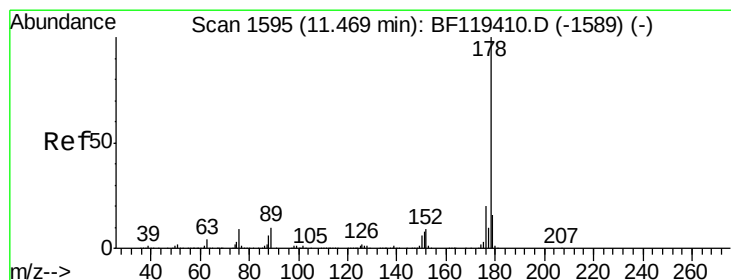
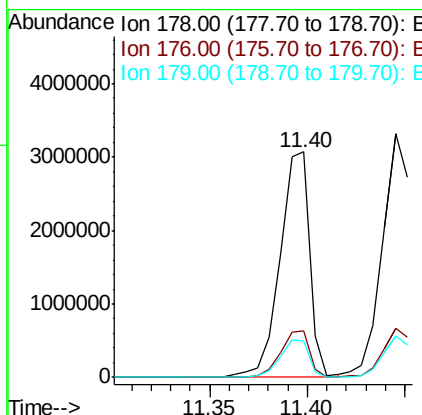
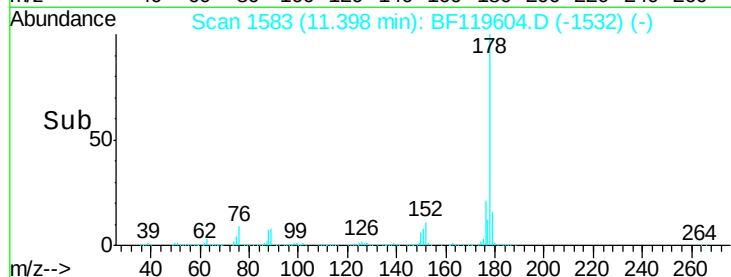
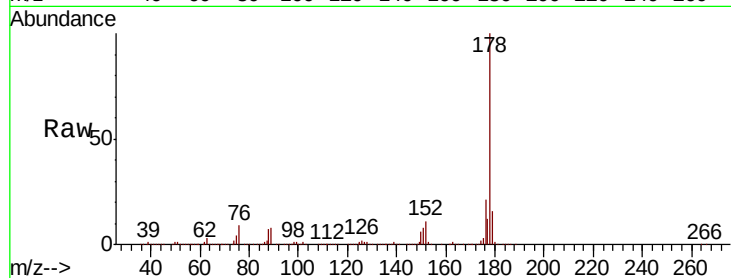




#71
 Phenanthrene
 Concen: 49.999 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

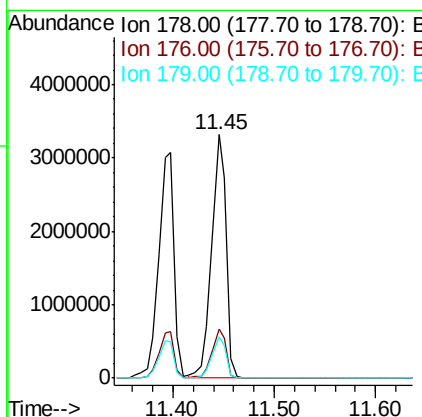
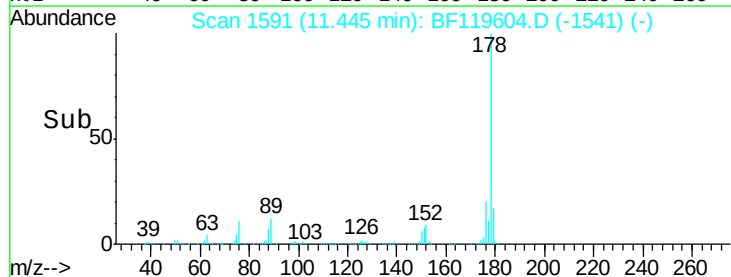
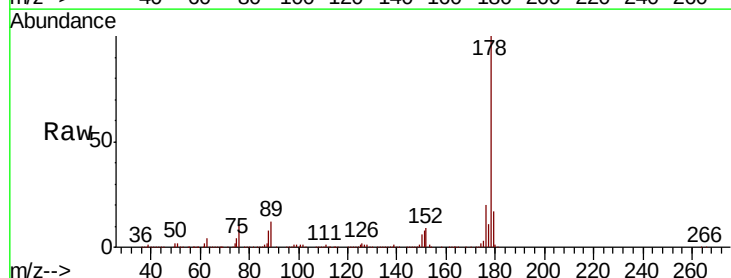
Instrument :
 BNA_F
 ClientSampleId :

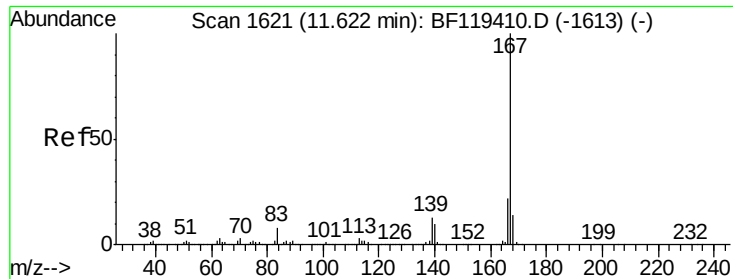
Tot Ion:178 Resp: 3235396
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.2 24.4
 179 16.2 13.2 19.8



#72
 Anthracene
 Concen: 50.121 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF119604.D
 Acq: 28 Mar 2020 8:41

Tgt Ion:178 Resp: 3296261
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.1 24.1
 179 17.1 13.0 19.4





#73

Carbazole

Concen: 47.834 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

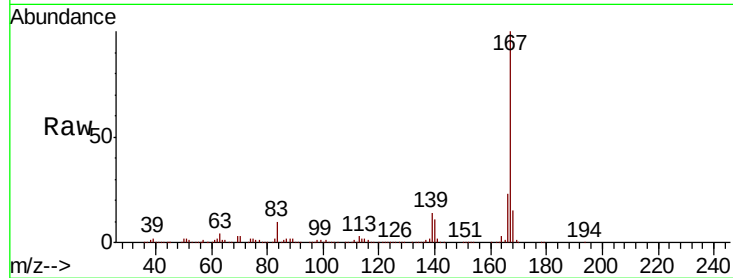
Tot Ion:167 Resp: 3113789

Ion Ratio Lower Upper

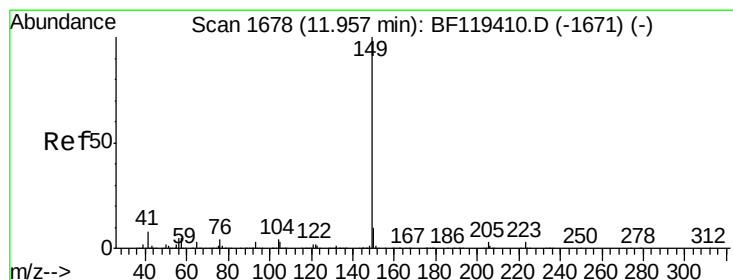
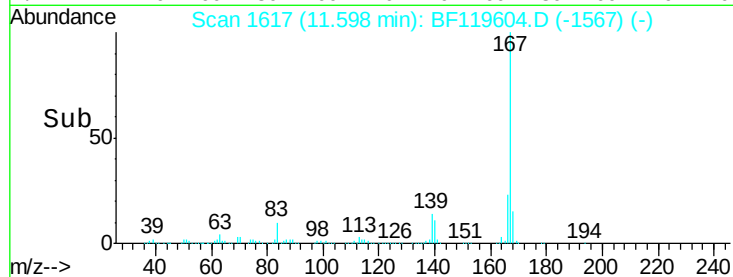
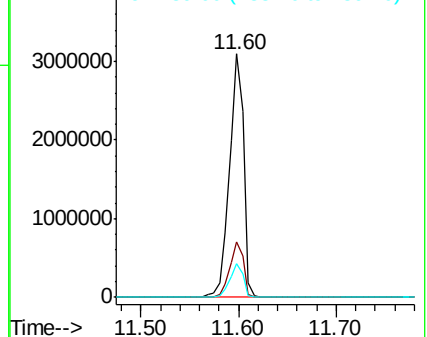
167 100

166 23.0 18.2 27.4

139 13.9 10.7 16.1



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: 53.399 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

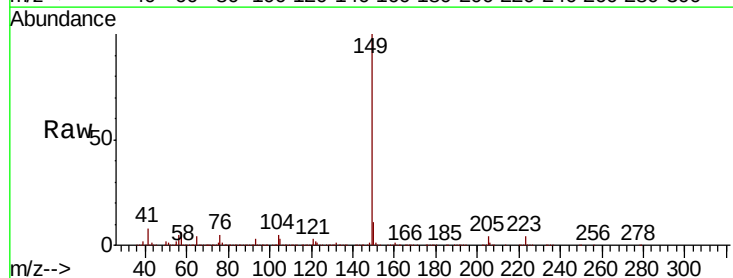
Tgt Ion:149 Resp: 3718434

Ion Ratio Lower Upper

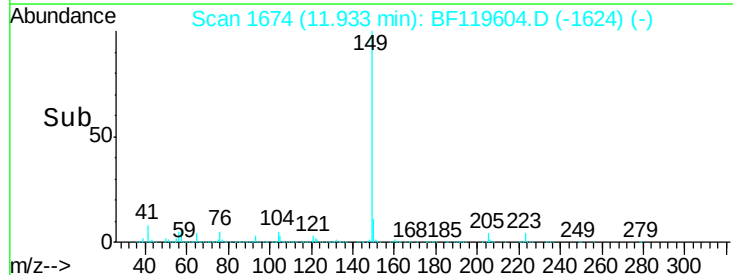
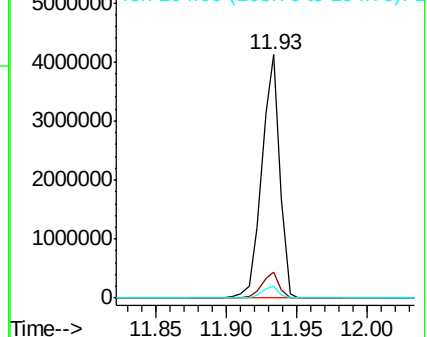
149 100

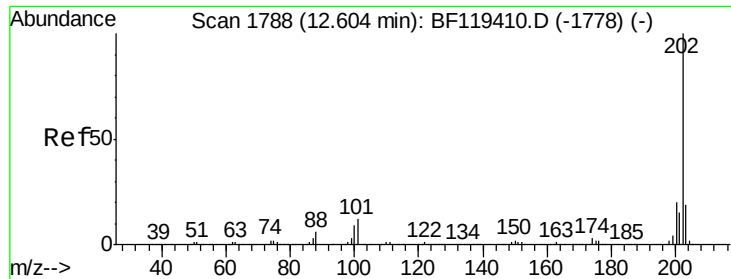
150 10.5 7.8 11.8

104 5.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.907 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

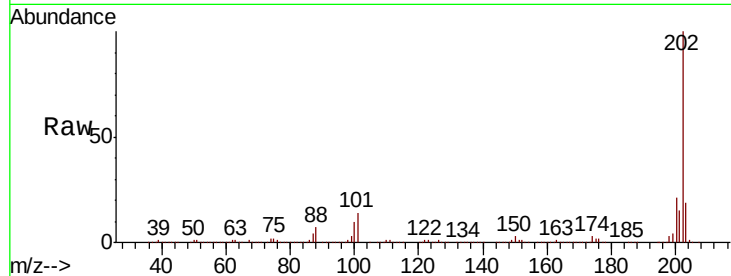
Tot Ion:202 Resp: 3424963

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.2

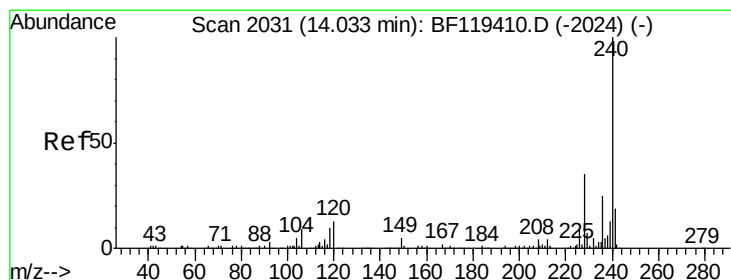
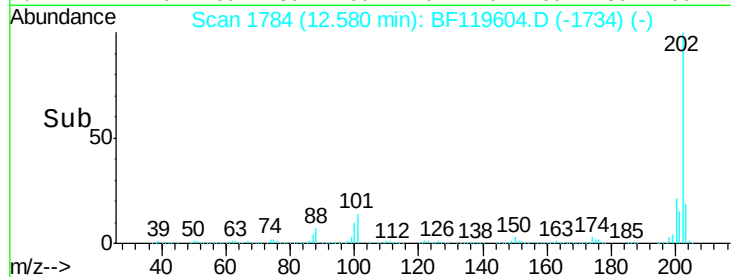
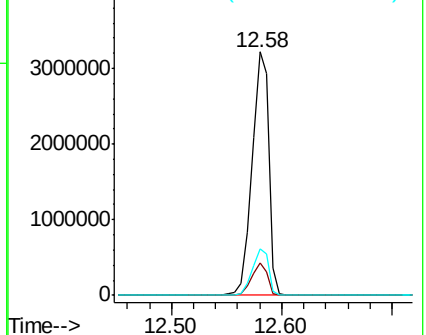
203 19.2 0.0 38.8



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. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

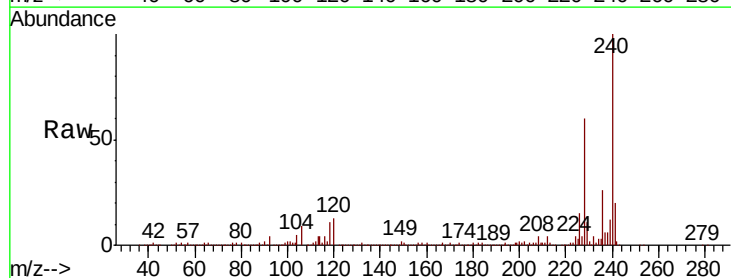
Tgt Ion:240 Resp: 786712

Ion Ratio Lower Upper

240 100

120 12.9 10.6 15.8

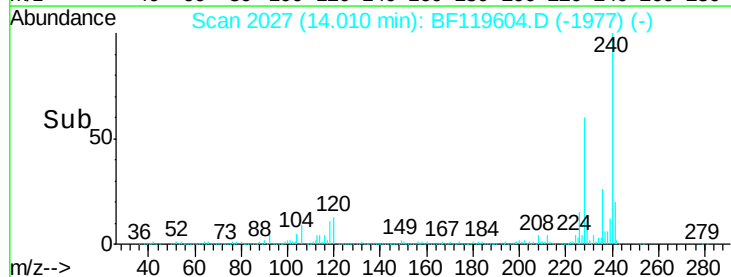
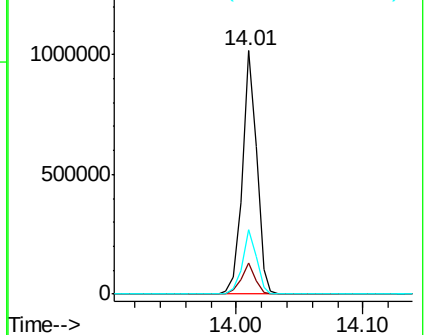
236 26.2 20.2 30.2

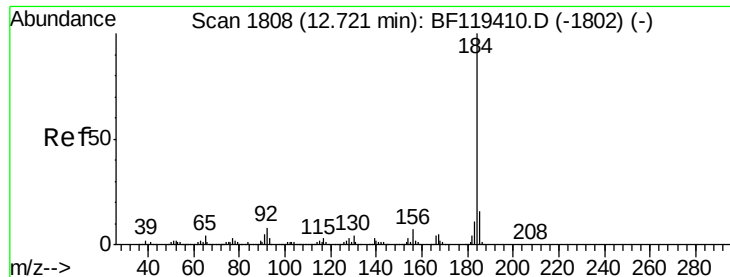


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.418 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

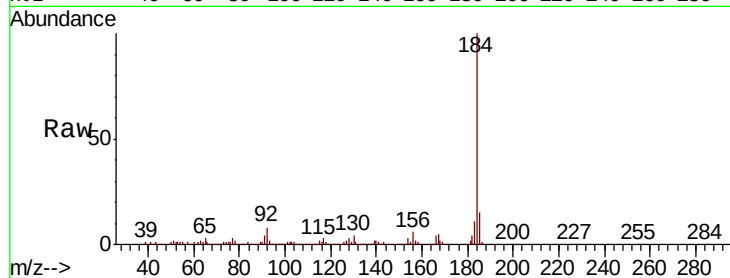
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1478856

Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.3	18.5
183	11.0	9.0	13.6

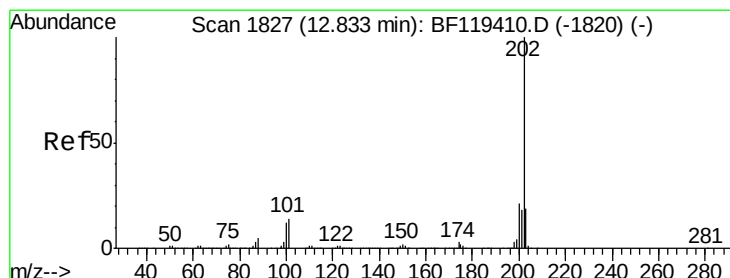
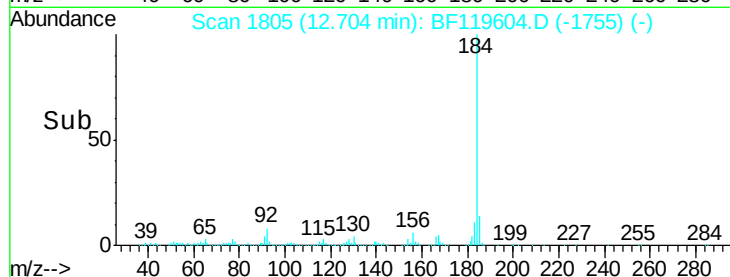
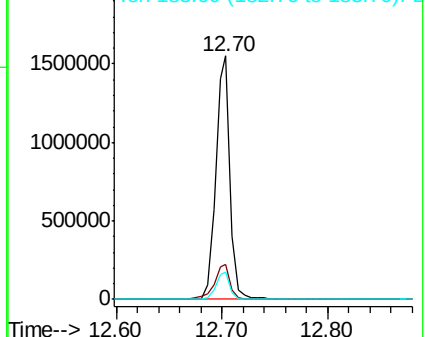


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.972 ng

RT: 12.81 min Scan# 1823

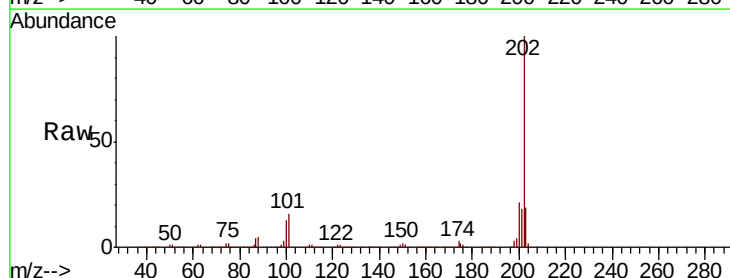
Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Tgt Ion:202 Resp: 3420116

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	19.1	15.1	22.7

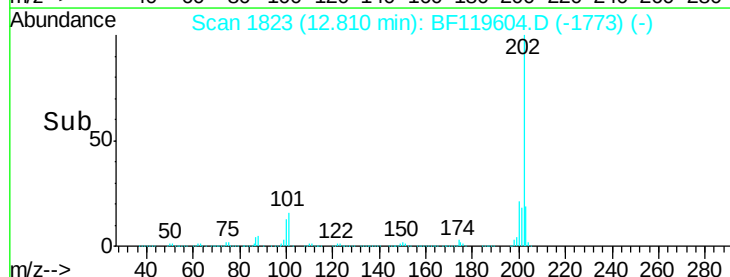
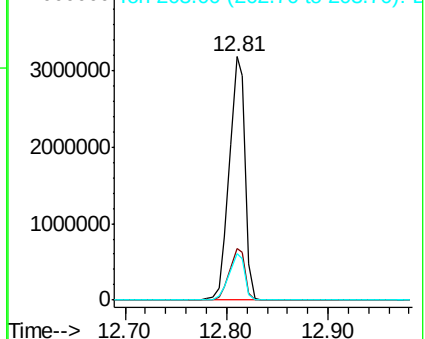


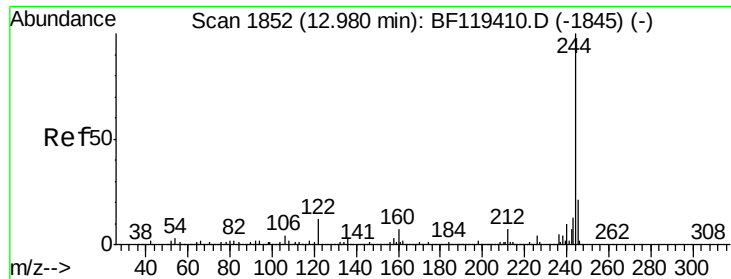
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.483 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampled :

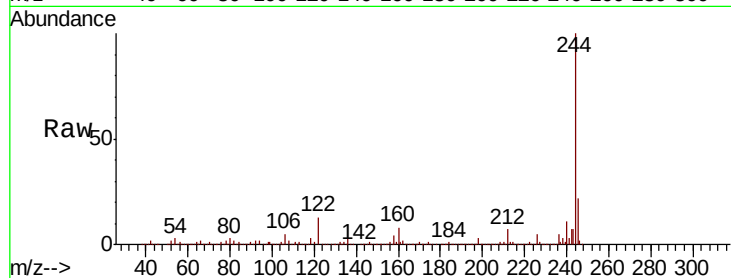
Tot Ion:244 Resp: 4315905

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

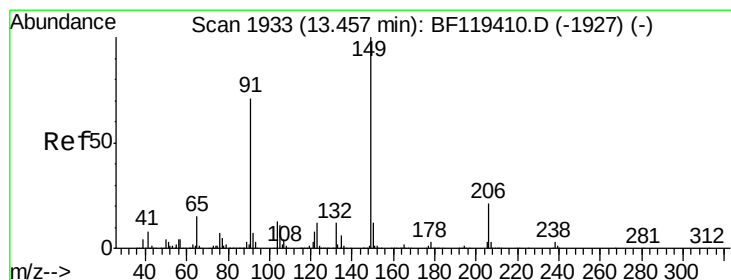
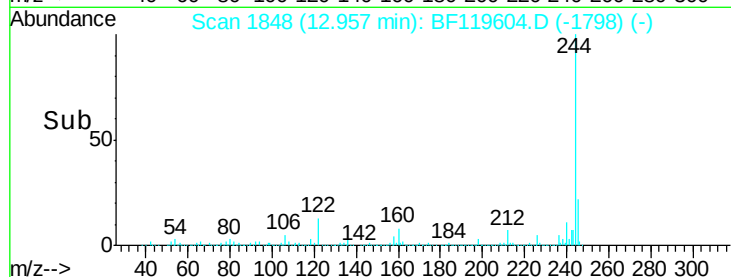
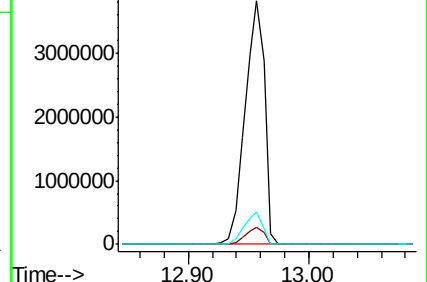
122 13.3 10.3 15.5



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: 62.666 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

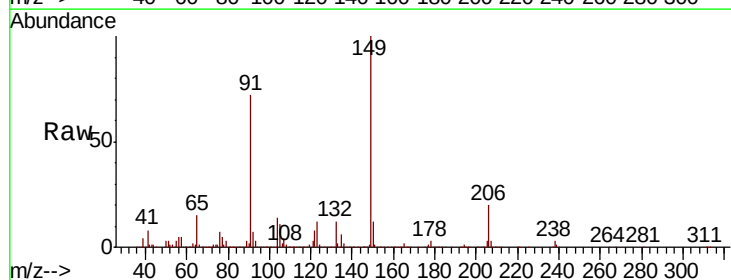
Tgt Ion:149 Resp: 1636432

Ion Ratio Lower Upper

149 100

91 71.7 54.7 82.1

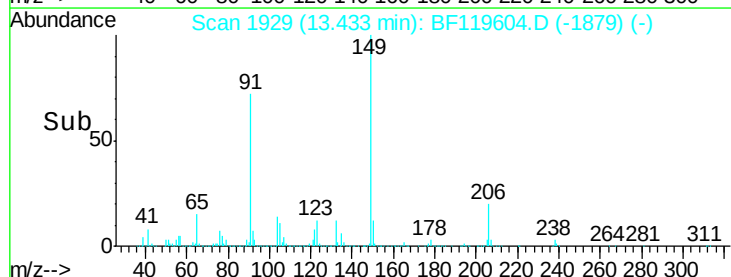
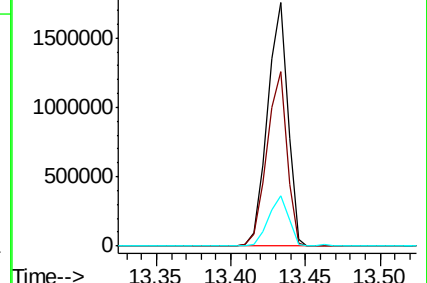
206 20.5 16.2 24.2

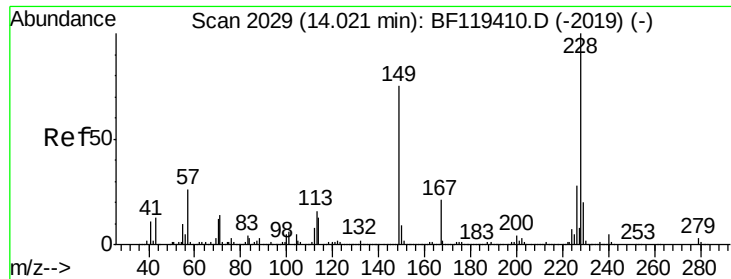


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

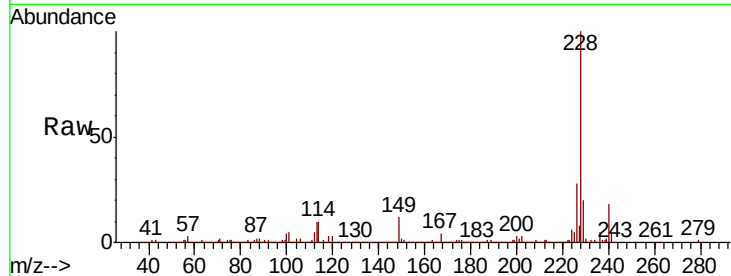




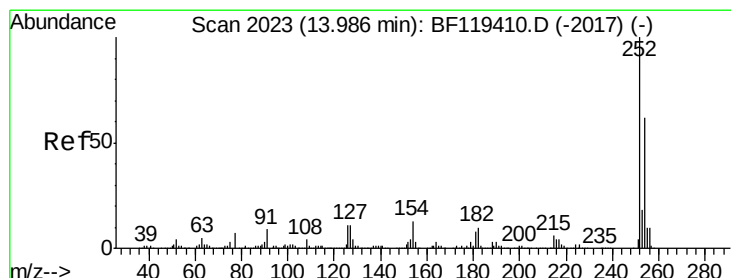
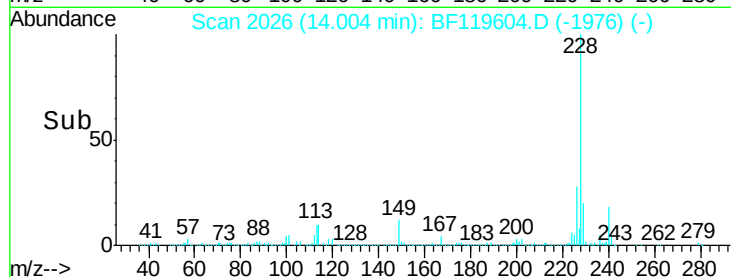
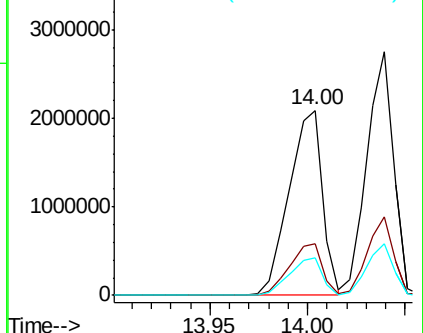
#81
Benzo(a)anthracene
Concen: 48.322 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2472111
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.8
229 20.1 16.2 24.4

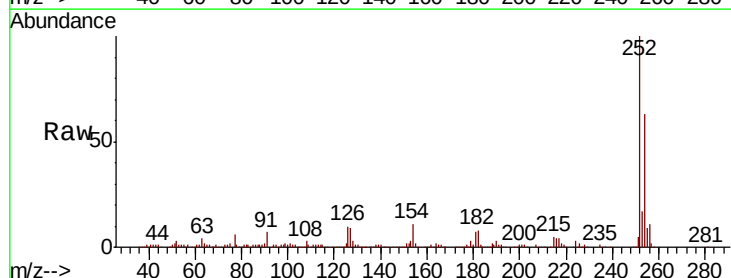


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

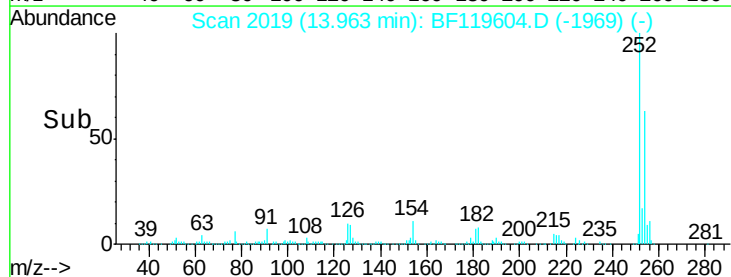
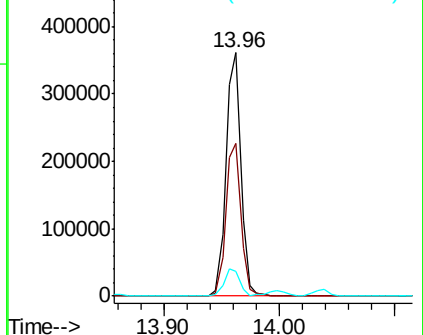


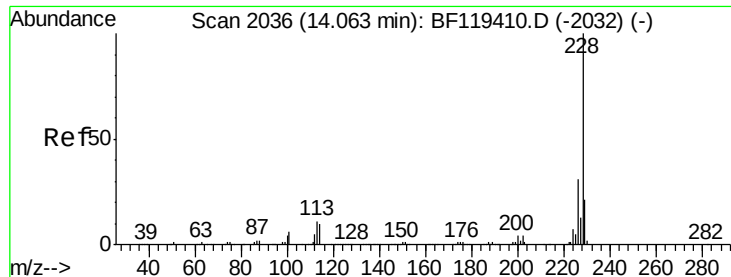
#82
3,3'-Dichlorobenzidine
Concen: 16.160 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:252 Resp: 325970
Ion Ratio Lower Upper
252 100
254 62.8 51.2 76.8
126 10.0 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.745 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

Instrument :

BNA_F

ClientSampleId :

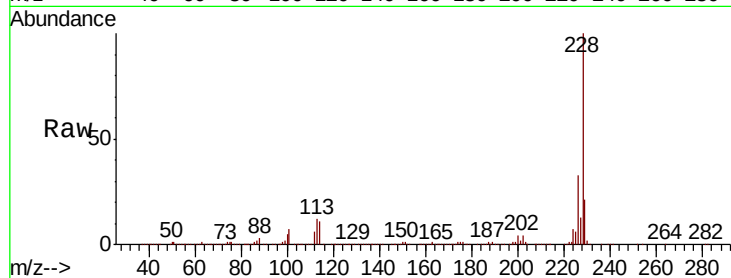
Tot Ion:228 Resp: 2626443

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

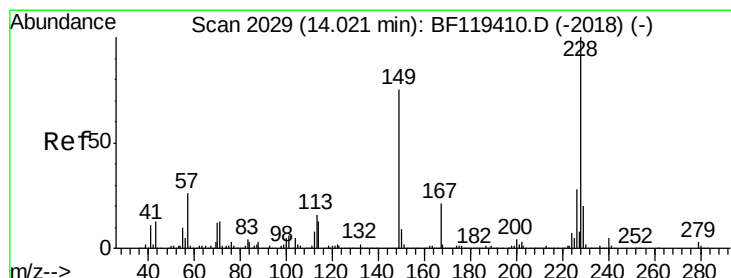
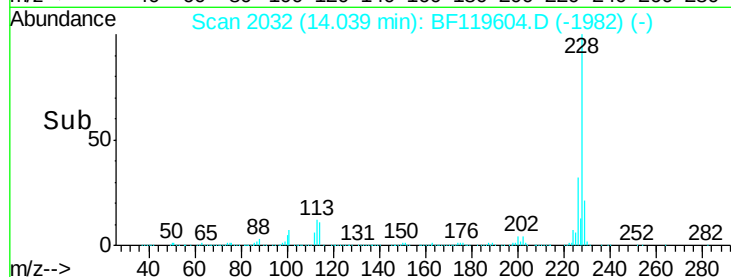
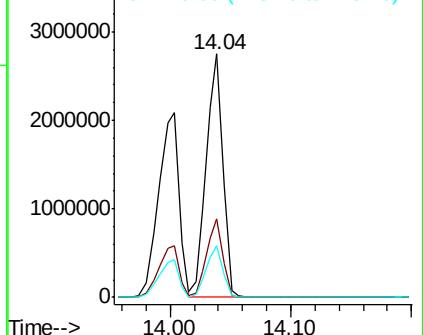
229 21.1 16.6 24.8



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: 63.514 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF119604.D

Acq: 28 Mar 2020 8:41

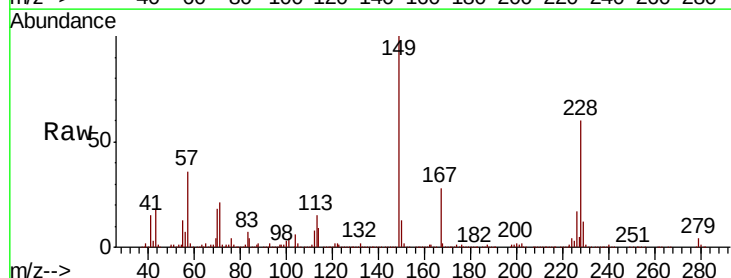
Tgt Ion:149 Resp: 1977155

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

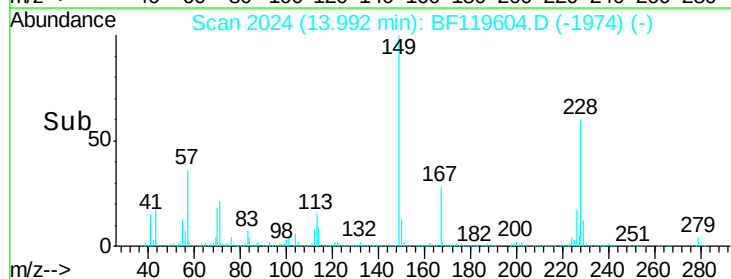
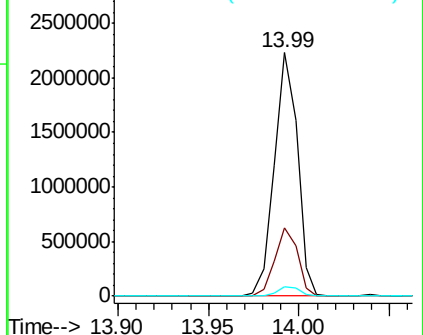
279 3.7 2.7 4.1

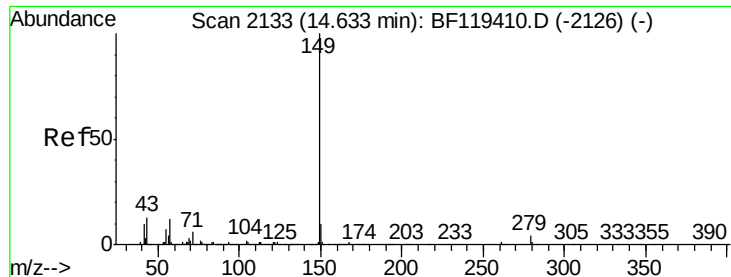


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

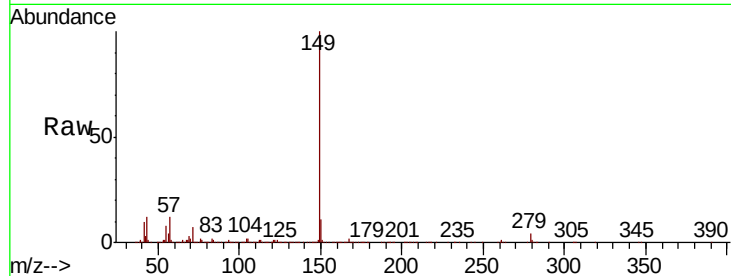




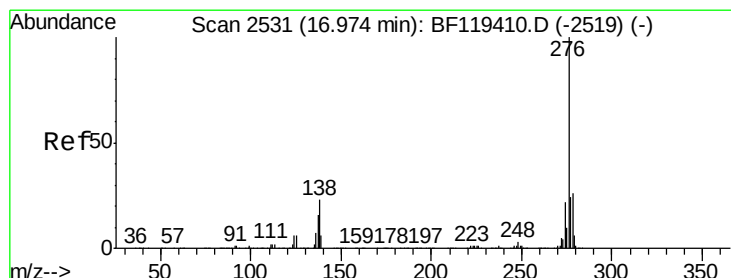
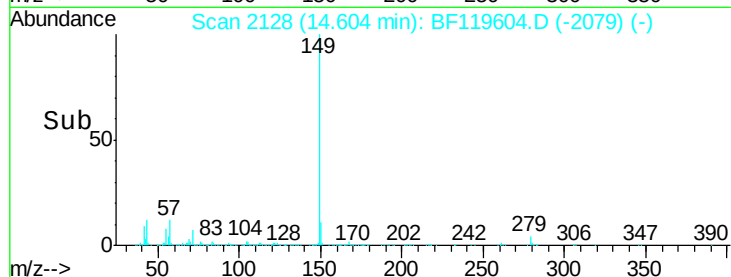
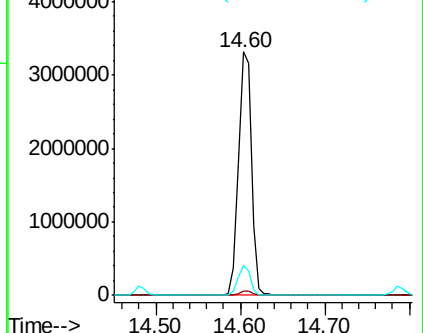
#85
Di-n-octyl phthalate
Concen: 63.416 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3471885
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.7 9.3 13.9

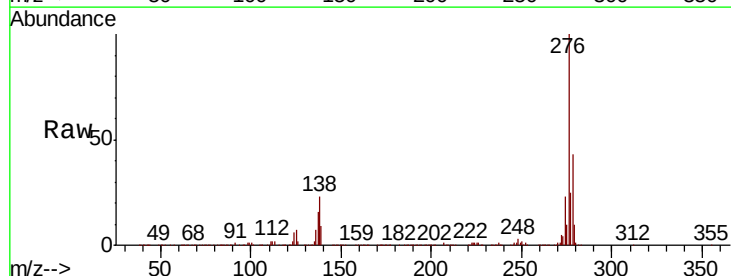


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

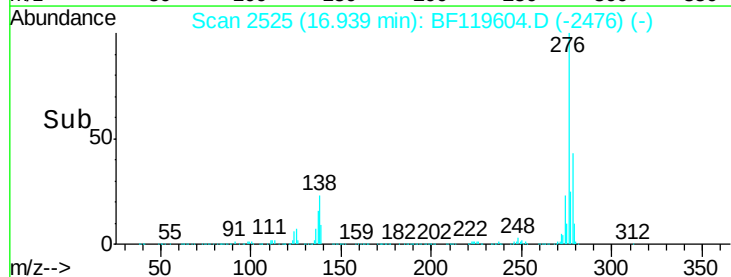
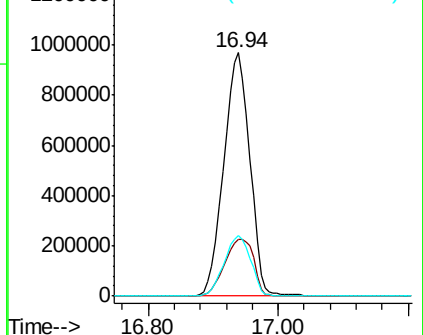


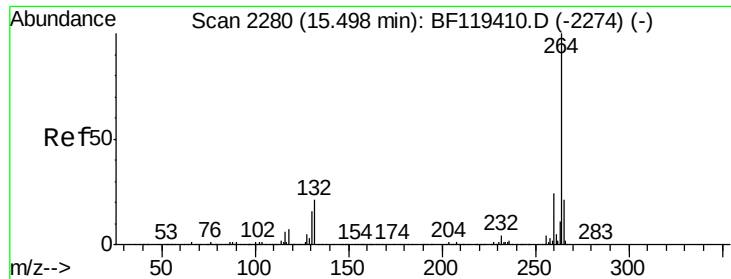
#86
Indeno(1,2,3-cd)pyrene
Concen: 54.102 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:276 Resp: 2690254
Ion Ratio Lower Upper
276 100
138 26.3 19.6 29.4
277 25.5 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

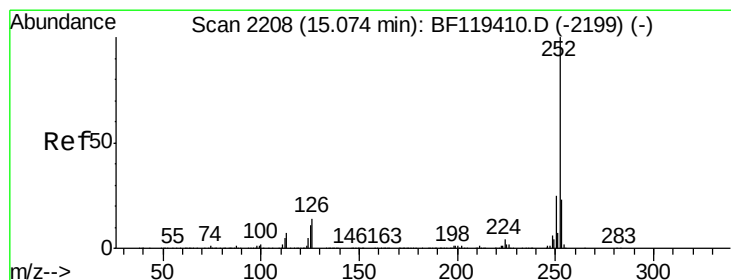
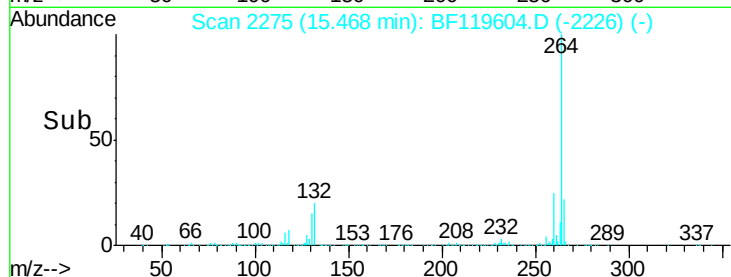
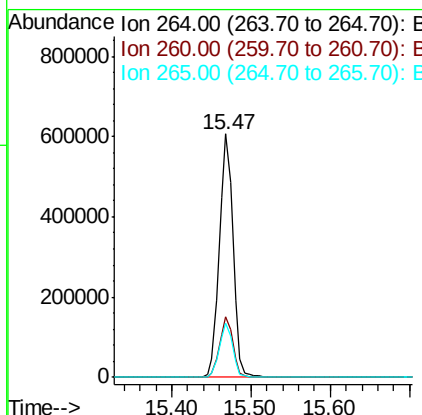
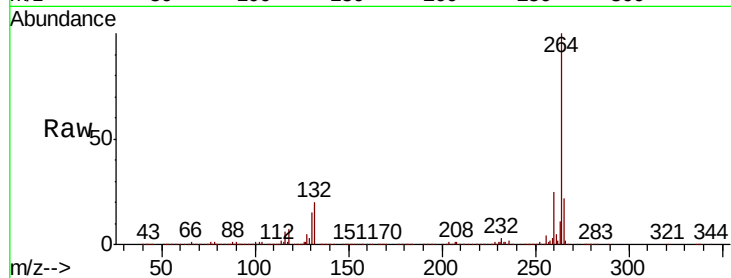




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

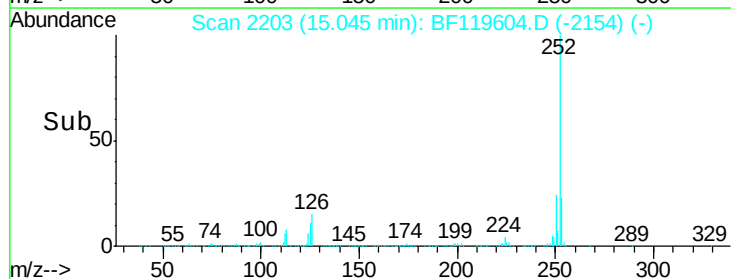
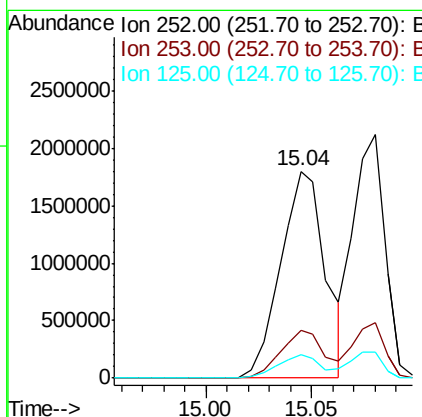
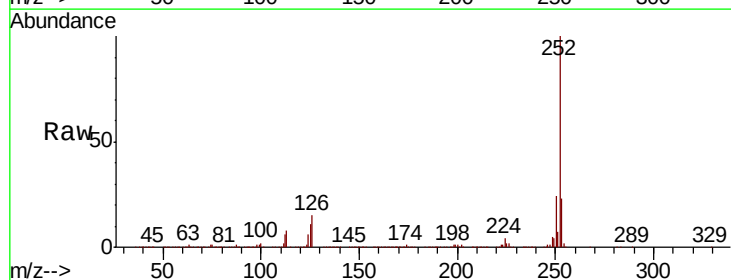
Instrument :
BNA_F
ClientSampleId :

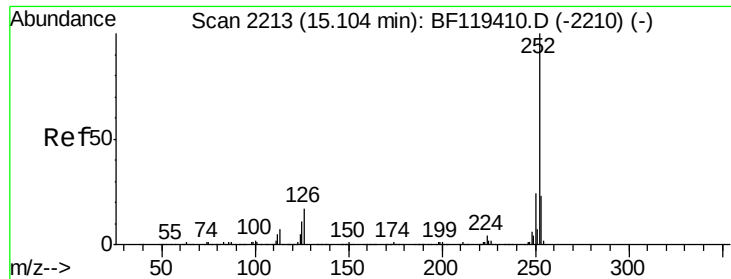
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.2	17.7	26.5



#88
Benzo(b)fluoranthene
Concen: 54.620 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	11.5	7.9	11.9

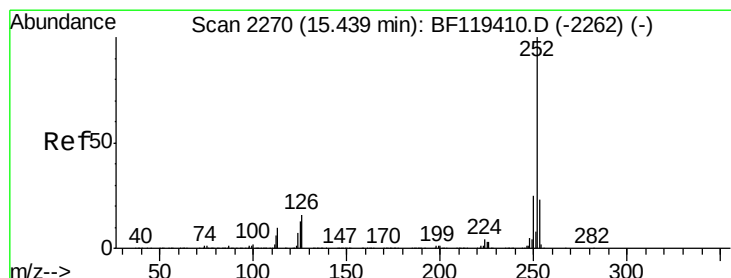
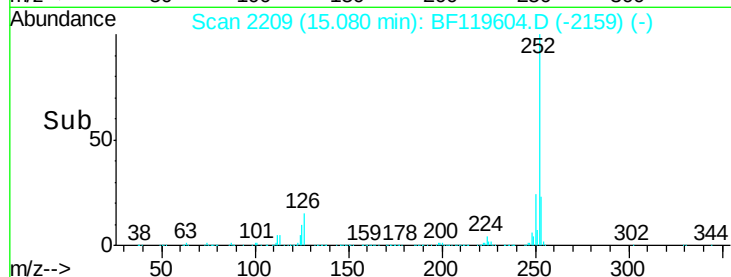
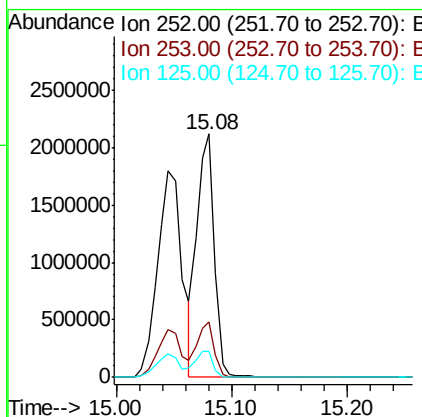
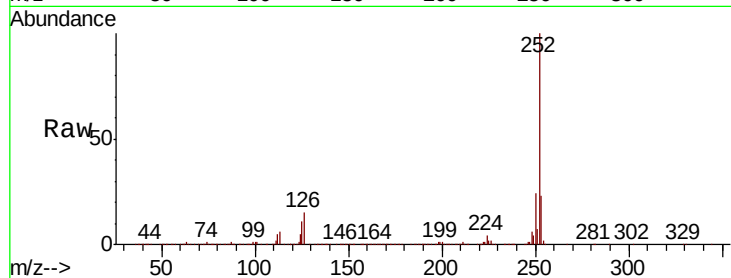




#89
Benzo(k)fluoranthene
Concen: 48.398 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

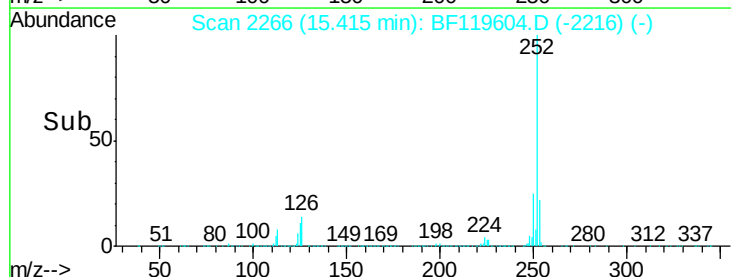
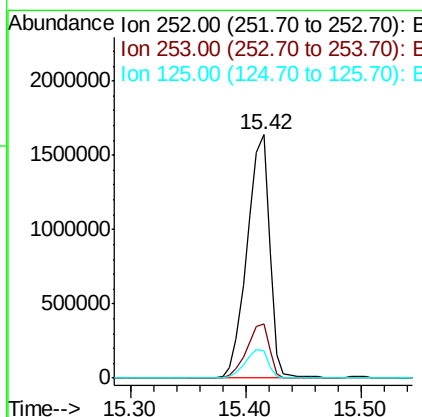
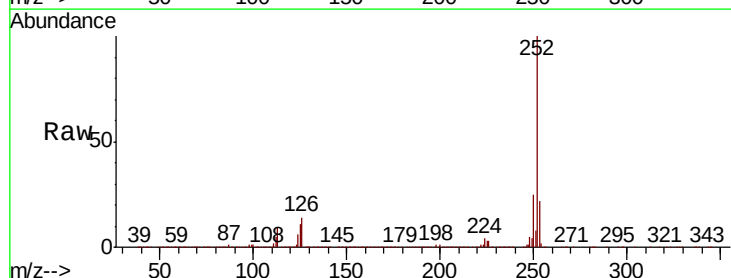
Instrument :
BNA_F
ClientSampled :

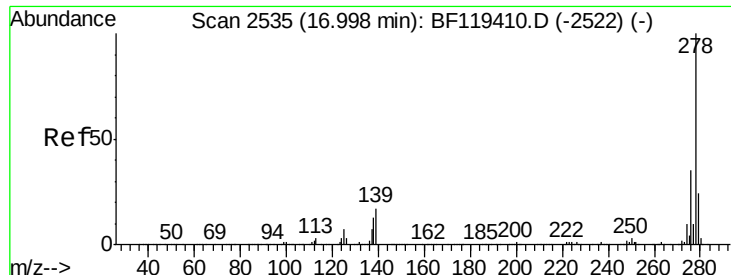
Tot Ion:252 Resp: 2244680
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 10.6 8.4 12.6



#90
Benzo(a)pyrene
Concen: 50.510 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:252 Resp: 2235810
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.4 9.4 14.2



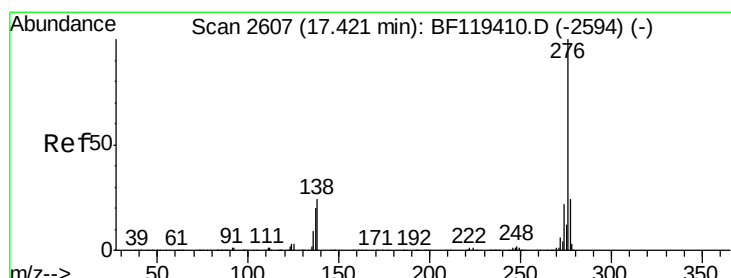
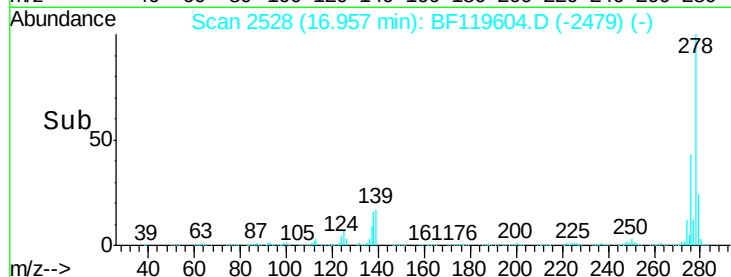
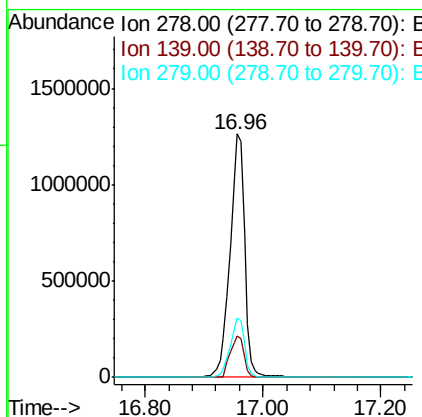
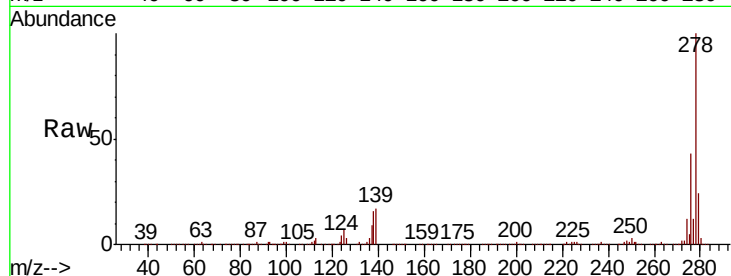


#91
Dibenzo(a,h)anthracene
Concen: 57.135 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2212096

Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.6	19.0
279	24.1	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 58.433 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF119604.D
Acq: 28 Mar 2020 8:41

Tgt Ion:276 Resp: 2272823

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	22.5	15.4	23.0

