

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119415.D
 Acq On : 18 Mar 2020 15:02
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

Quant Time: Mar 18 17:28:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	275406	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1025727	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	513243	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	977549	20.00	ng	0.00
76) Chrysene-d12	14.03	240	726963	20.00	ng	0.00
87) Perylene-d12	15.50	264	716134	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1437680	83.10	ng	0.00
7) Phenol-d6	6.48	99	1824459	82.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1605405	85.06	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	459124	86.71	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2768355	79.91	ng	0.00
79) Terphenyl-d14	12.98	244	2993736	80.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	352332	41.235	ng	98
3) Pyridine	3.35	79	961184	40.832	ng	100
4) n-Nitrosodimethylamine	3.30	42	465664	40.565	ng	95
6) Aniline	6.52	93	1244037	40.786	ng	98
8) 2-Chlorophenol	6.64	128	775722	42.692	ng	96
9) Benzaldehyde	6.40	77	604541	43.121	ng	100
10) Phenol	6.49	94	984399	41.745	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	789949	41.885	ng	97
12) 1,3-Dichlorobenzene	6.80	146	835223	42.471	ng	99
13) 1,4-Dichlorobenzene	6.87	146	834130	42.405	ng	99
14) 1,2-Dichlorobenzene	7.03	146	784030	42.642	ng	99
15) Benzyl Alcohol	7.00	79	694256	41.762	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1632958	42.925	ng	100
17) 2-Methylphenol	7.10	107	687385	41.289	ng	98
18) Hexachloroethane	7.37	117	312221	43.312	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	554419	41.621	ng	99
20) 3+4-Methylphenols	7.26	107	861227	42.211	ng	97
22) Acetophenone	7.27	105	997051	40.680	ng	96
24) Nitrobenzene	7.44	77	843507	41.820	ng	99
25) Isophorone	7.68	82	1548321	40.442	ng	99
26) 2-Nitrophenol	7.76	139	356753	44.922	ng	97
27) 2,4-Dimethylphenol	7.79	122	668036	40.681	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	932158	41.174	ng	100
29) 2,4-Dichlorophenol	7.99	162	623836	41.345	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	693001	41.531	ng	99
31) Naphthalene	8.17	128	2189811	41.485	ng	99
32) Benzoic acid	7.90	122	486720	46.077	ng	97
33) 4-Chloroaniline	8.21	127	954584	39.467	ng	98
34) Hexachlorobutadiene	8.29	225	394977	42.306	ng	97
35) Caprolactam	8.58	113	197567	40.009	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	667850	40.498	ng	96
37) 2-Methylnaphthalene	8.86	142	1425382	41.146	ng	98
38) 1-Methylnaphthalene	8.96	142	1352206	41.239	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	627475	41.711	ng	100

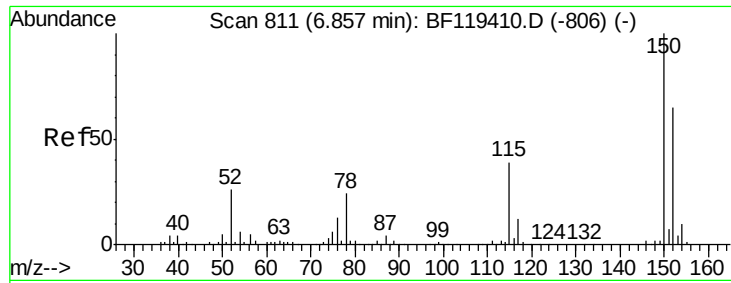
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	368436	43.080	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	457563	42.503	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	503330	41.736	ng	98
46) 1,1'-Biphenyl	9.33	154	1765919	42.246	ng	98
47) 2-Chloronaphthalene	9.35	162	1370990	41.871	ng	98
48) 2-Nitroaniline	9.44	65	490151	43.370	ng	97
49) Acenaphthylene	9.77	152	2132301	41.469	ng	99
50) Dimethylphthalate	9.63	163	1530117	41.972	ng	99
51) 2,6-Dinitrotoluene	9.69	165	343047	43.901	ng	# 83
52) Acenaphthene	9.94	154	1323329	41.283	ng	99
53) 3-Nitroaniline	9.85	138	420361	42.611	ng	98
54) 2,4-Dinitrophenol	9.95	184	132492	42.896	ng	# 72
55) Dibenzofuran	10.11	168	1909371	41.545	ng	98
56) 4-Nitrophenol	10.00	139	334385	42.967	ng	92
57) 2,4-Dinitrotoluene	10.09	165	445381	45.246	ng	94
58) Fluorene	10.46	166	1415202	41.641	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	387750	43.014	ng	99
60) Diethylphthalate	10.33	149	1580865	42.725	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	703916	42.354	ng	99
62) 4-Nitroaniline	10.47	138	397053	41.972	ng	95
63) Azobenzene	10.61	77	1551261	41.633	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	188640	46.020	ng	91
66) n-Nitrosodiphenylamine	10.56	169	1318498	41.086	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	457925	41.132	ng	96
68) Hexachlorobenzene	11.00	284	478903	42.029	ng	93
69) Atrazine	11.09	200	362817	41.239	ng	97
70) Pentachlorophenol	11.19	266	285626	42.751	ng	97
71) Phenanthrene	11.42	178	2103637	41.501	ng	99
72) Anthracene	11.47	178	2142058	41.580	ng	99
73) Carbazole	11.62	167	2083718	40.864	ng	99
74) Di-n-butylphthalate	11.96	149	2403980	44.071	ng	99
75) Fluoranthene	12.60	202	2283665	41.629	ng	99
77) Benzidine	12.73	184	1222400	39.733	ng	96
78) Pyrene	12.83	202	2348940	39.371	ng	99
80) Butylbenzylphthalate	13.46	149	1025632	42.504	ng	98
81) Benzo(a)anthracene	14.02	228	1895605	40.099	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	774669	41.561	ng	97
83) Chrysene	14.06	228	2001122	41.017	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1279124	44.468	ng	99
85) Di-n-octyl phthalate	14.63	149	2283565	45.139	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	1814865	39.498	ng	99
88) Benzo(b)fluoranthene	15.07	252	2047870	42.809	ng	100
89) Benzo(k)fluoranthene	15.11	252	1791714	39.334	ng	99
90) Benzo(a)pyrene	15.44	252	1800719	41.420	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	1511437	39.748	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1435210	37.570	ng	98

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

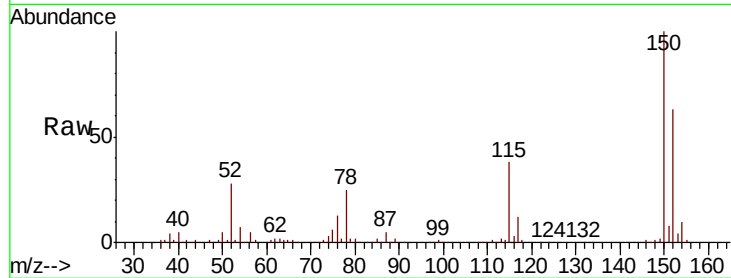


#1

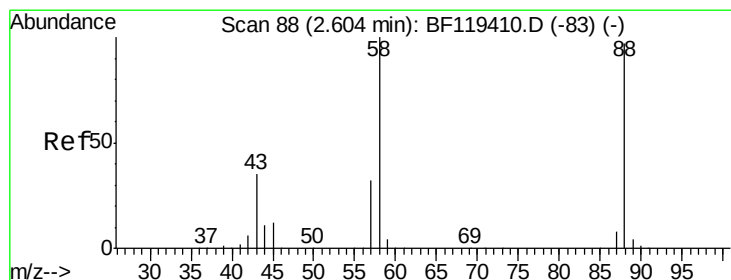
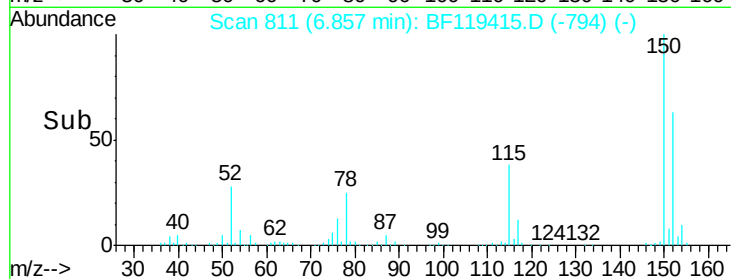
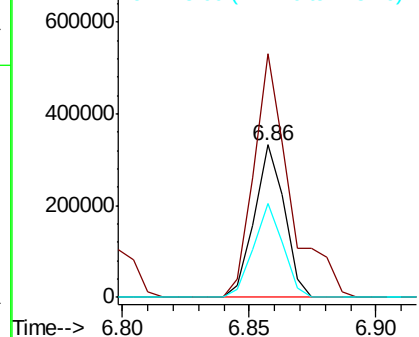
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:152 Resp: 275406
Ion Ratio Lower Upper
152 100
150 159.6 123.9 185.9
115 61.2 47.8 71.6



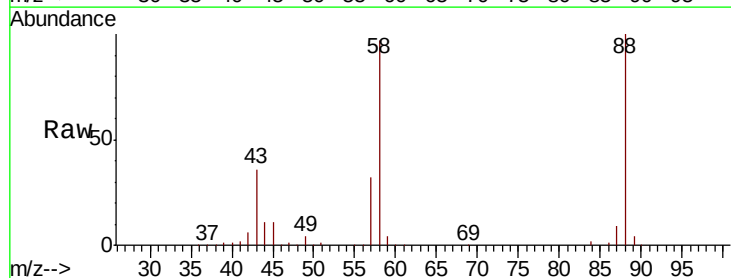
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



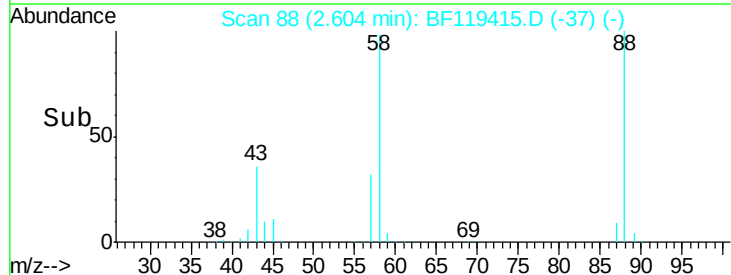
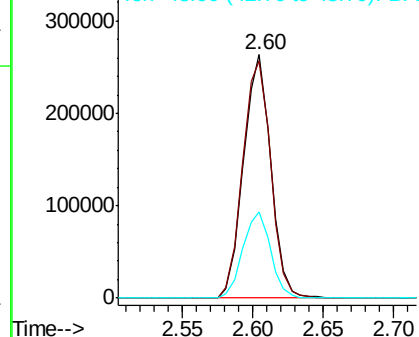
#2

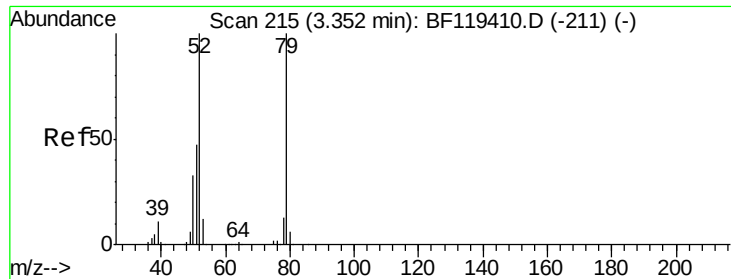
1,4-Dioxane
Concen: 41.235 ng
RT: 2.60 min Scan# 88
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion: 88 Resp: 352332
Ion Ratio Lower Upper
88 100
58 100.9 79.4 119.2
43 36.3 28.4 42.6



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





#3

Pvridine

Concen: 40.832 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

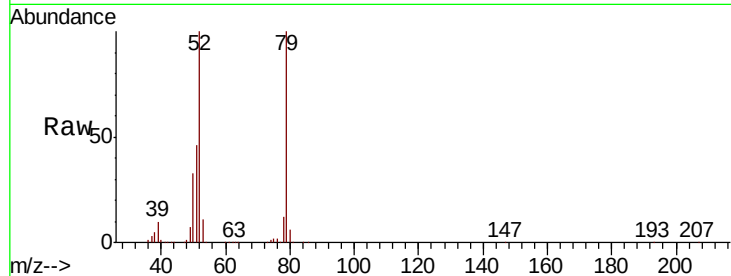
Tot Ion: 79 Resp: 961184

Ion Ratio Lower Upper

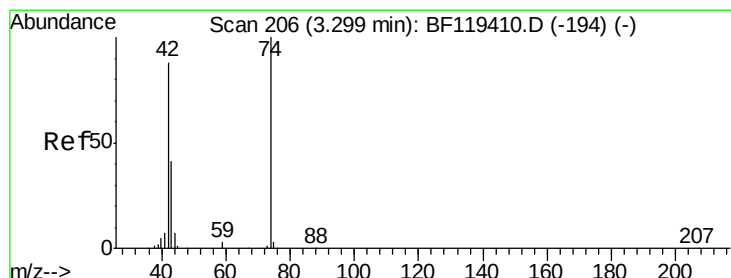
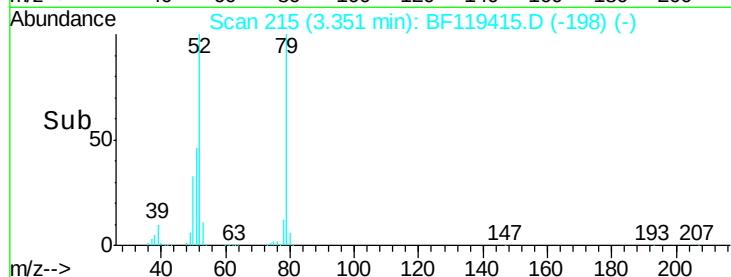
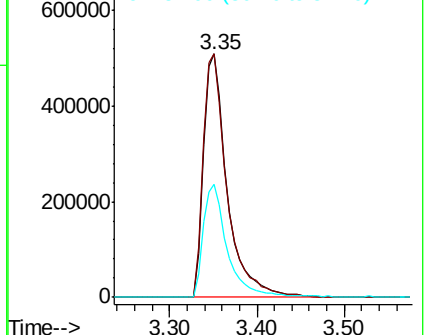
79 100

52 100.0 80.0 120.0

51 46.5 37.9 56.9



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: 40.565 ng

RT: 3.30 min Scan# 206

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

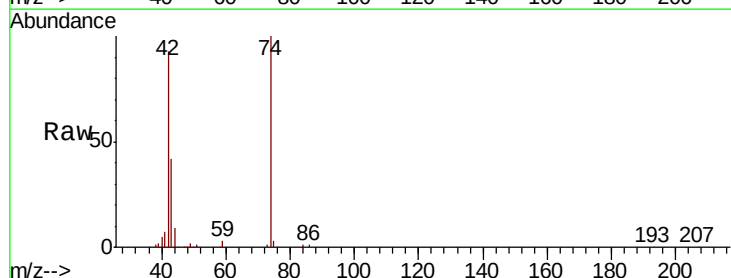
Tgt Ion: 42 Resp: 465664

Ion Ratio Lower Upper

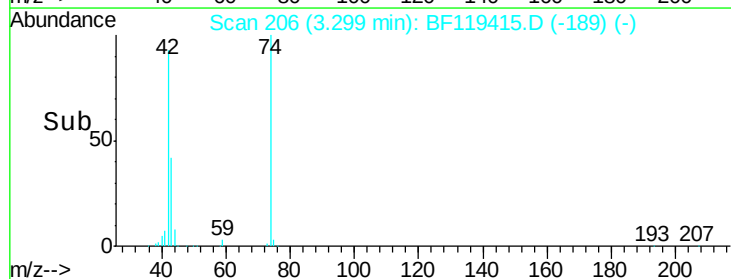
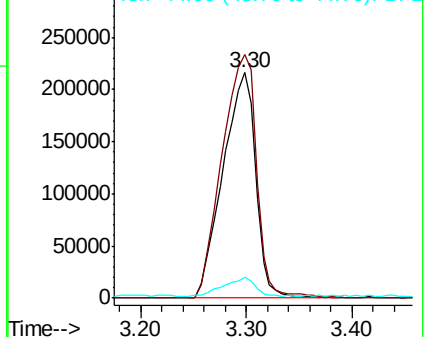
42 100

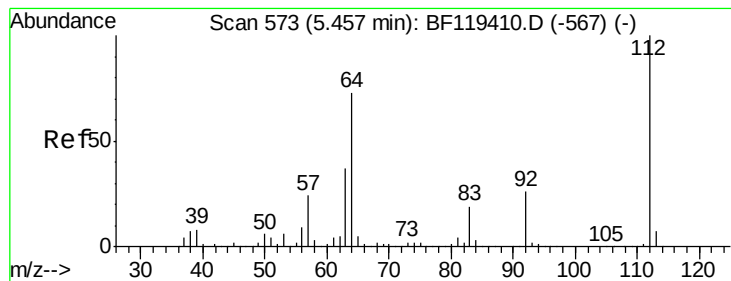
74 108.0 91.3 136.9

44 9.2 7.1 10.7



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: 83.101 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

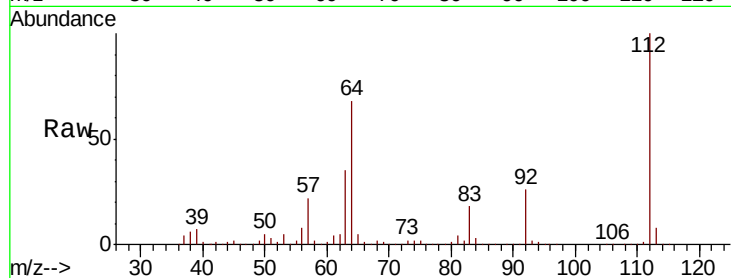
Tot Ion:112 Resp: 1437680

Ion Ratio Lower Upper

112 100

64 67.9 58.1 87.1

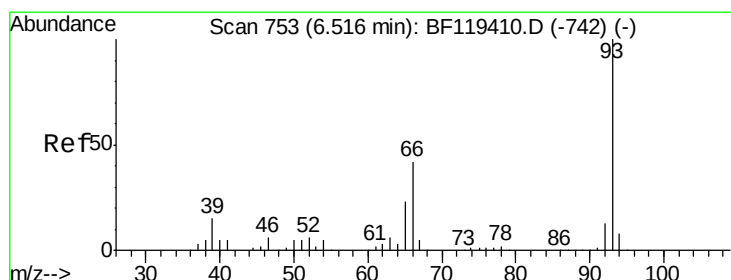
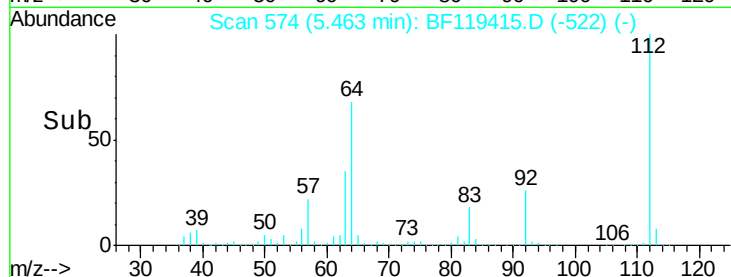
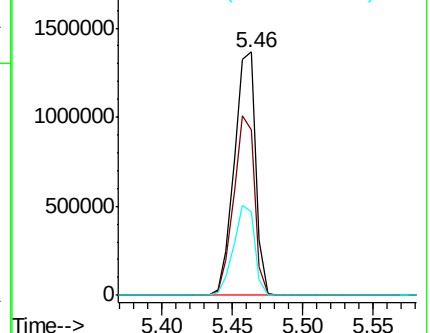
63 34.6 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.786 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

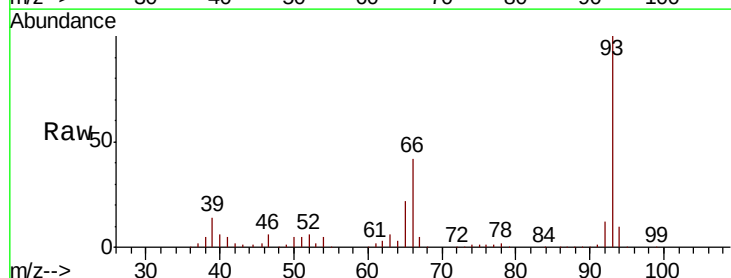
Tgt Ion: 93 Resp: 1244037

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

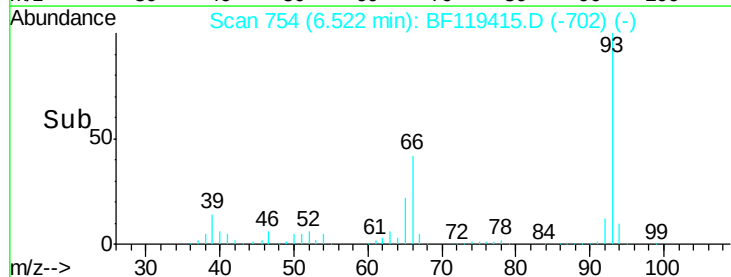
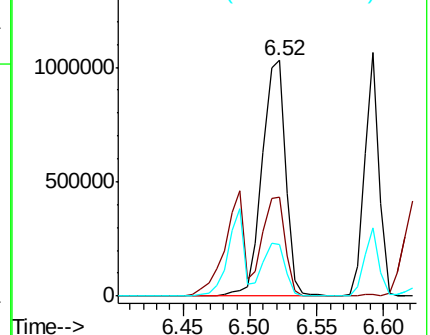
65 21.7 18.2 27.4

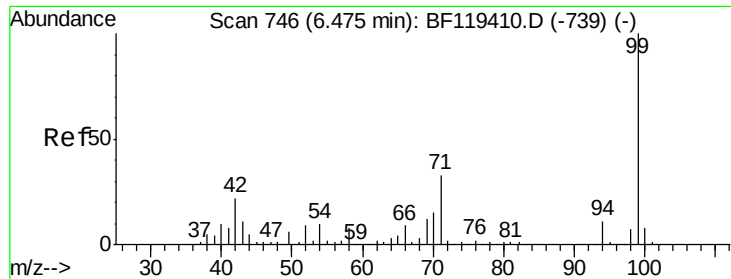


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.555 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

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ClientSampleId :

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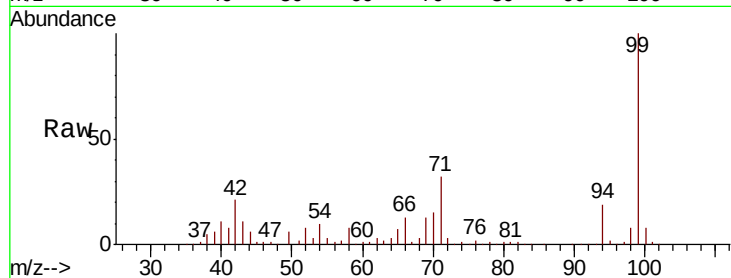
Tot Ion: 99 Resp: 1824459

Ion Ratio Lower Upper

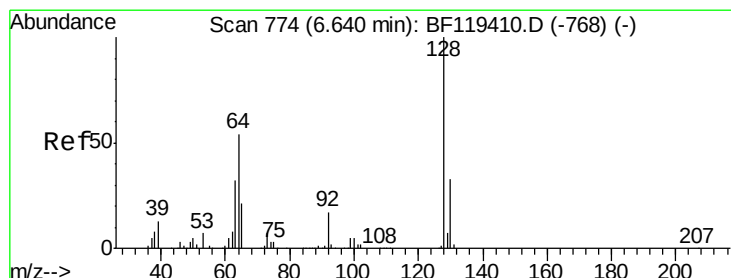
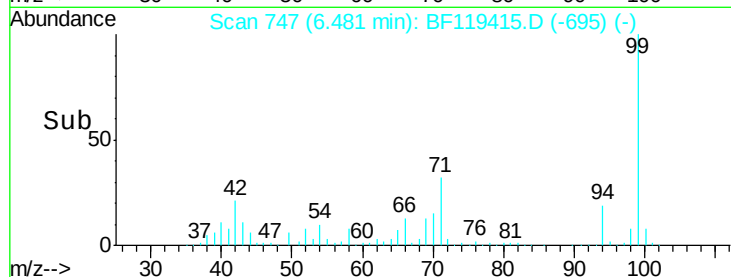
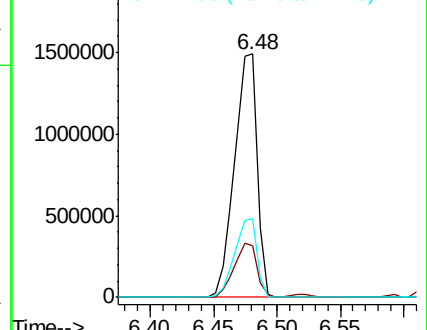
99 100

42 21.3 17.8 26.6

71 32.3 26.0 39.0



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: 42.692 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

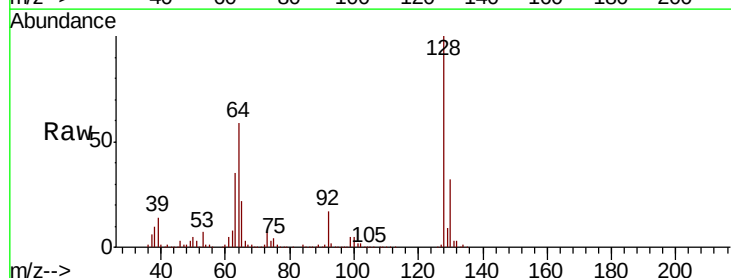
Tgt Ion:128 Resp: 775722

Ion Ratio Lower Upper

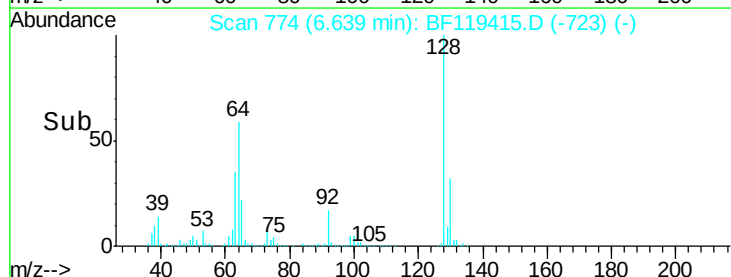
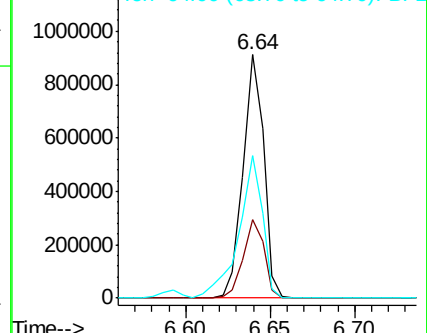
128 100

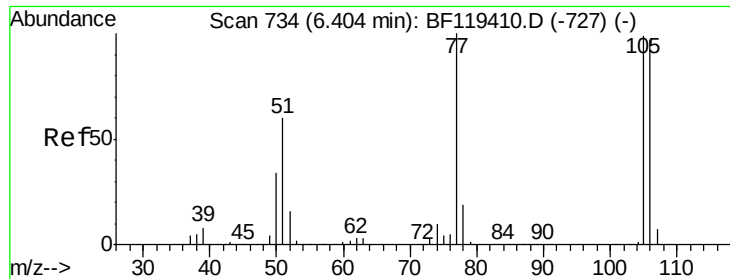
130 32.3 13.0 53.0

64 58.7 35.1 75.1



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: 43.121 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

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ClientSampleId :

ICVBF031820

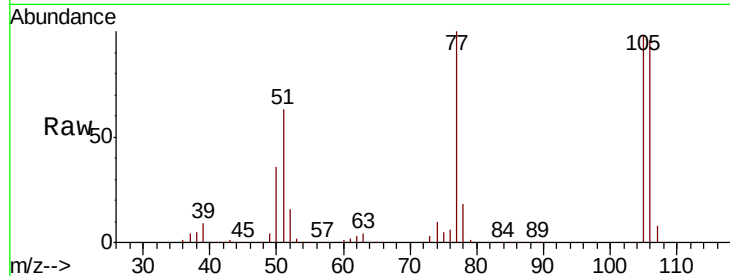
Tot Ion: 77 Resp: 604541

Ion Ratio Lower Upper

77 100

105 98.2 78.6 118.6

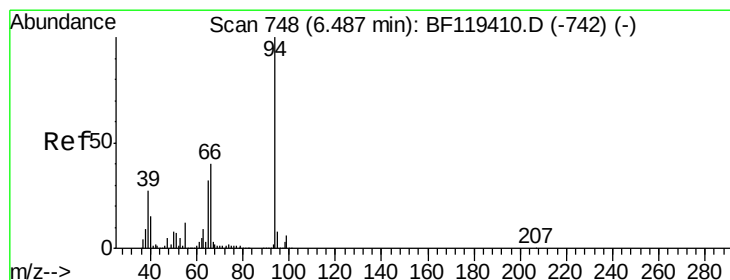
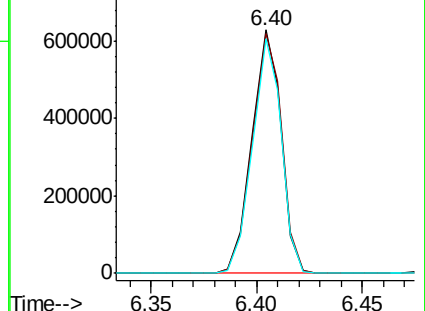
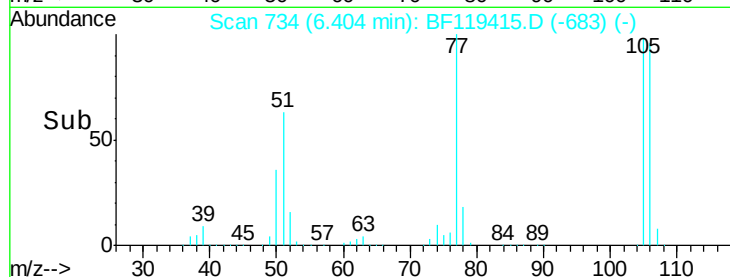
106 96.2 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.745 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

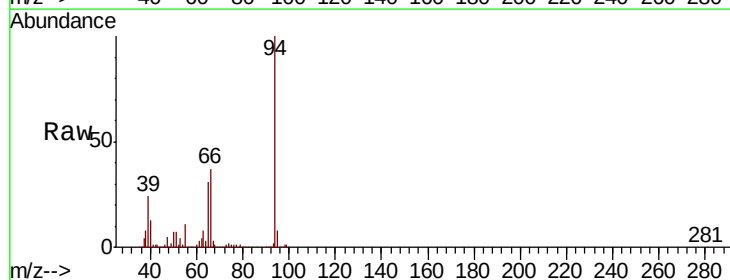
Tgt Ion: 94 Resp: 984399

Ion Ratio Lower Upper

94 100

65 31.0 12.0 52.0

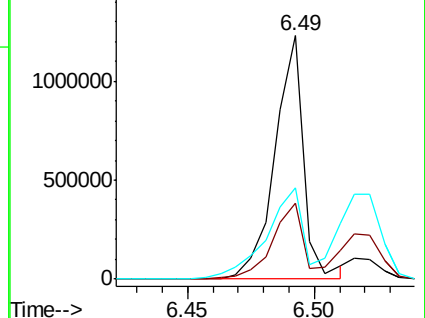
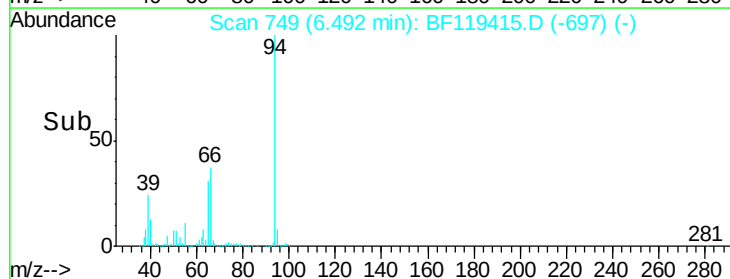
66 37.2 20.6 60.6

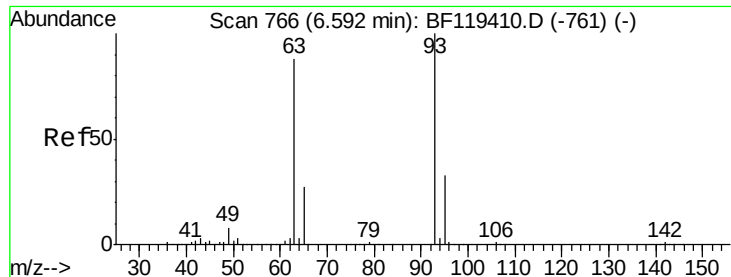


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.885 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

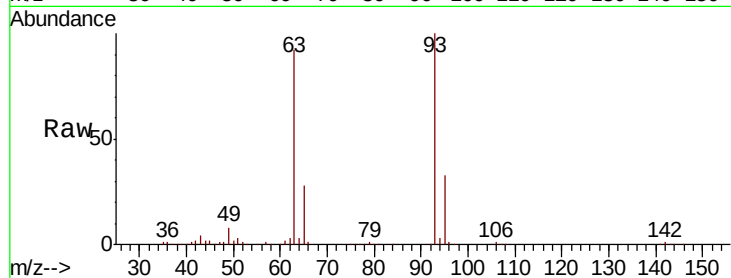
Tot Ion: 93 Resp: 789949

Ion Ratio Lower Upper

93 100

63 92.1 68.4 108.4

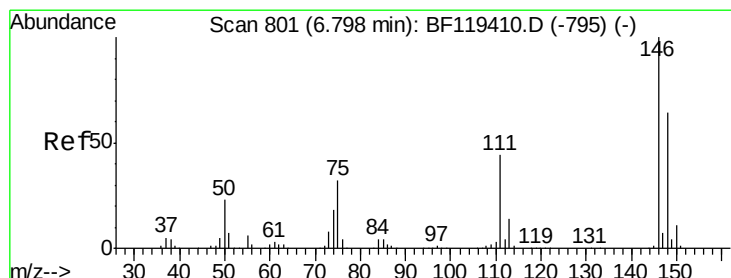
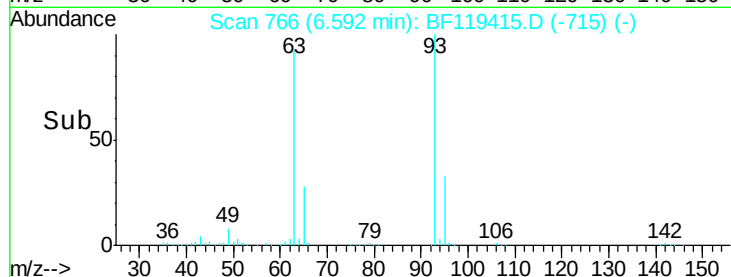
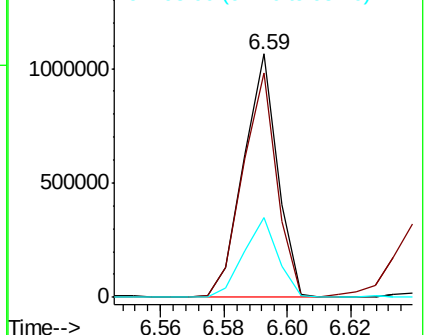
95 32.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.471 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

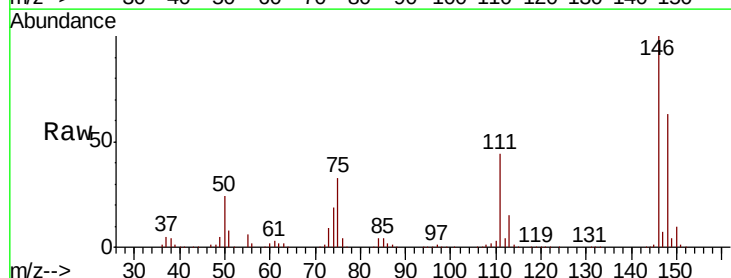
Tgt Ion: 146 Resp: 835223

Ion Ratio Lower Upper

146 100

148 63.3 51.4 77.0

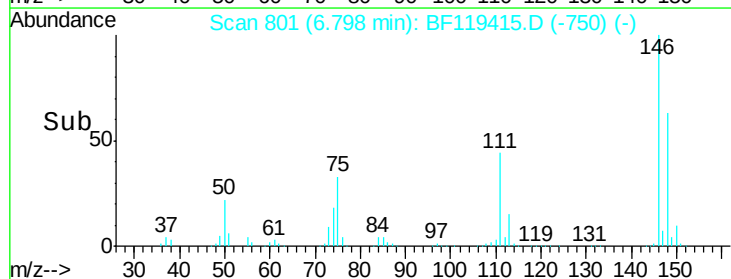
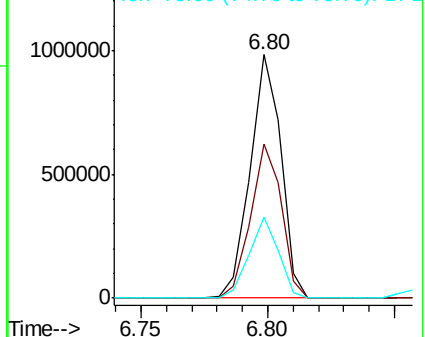
75 33.1 25.8 38.8

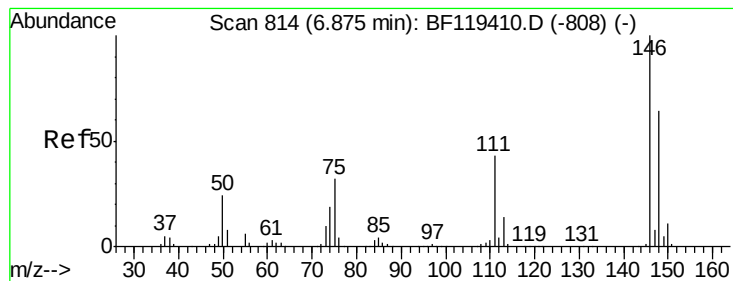


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.405 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

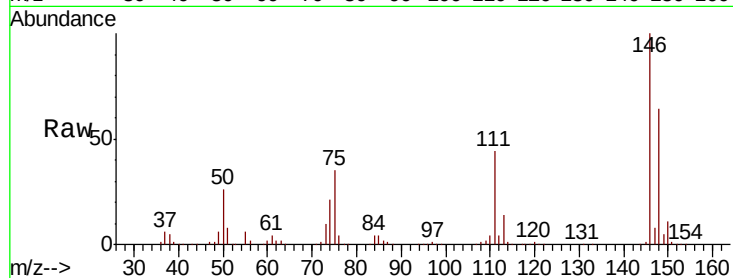
Tot Ion:146 Resp: 834130

Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

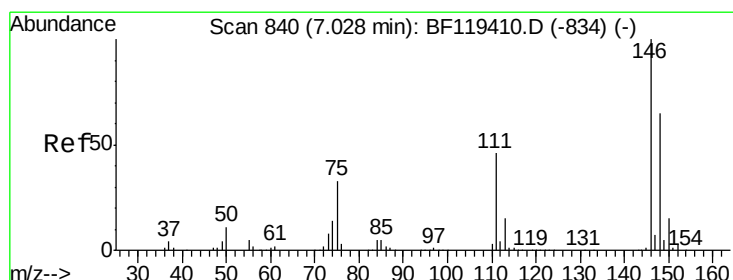
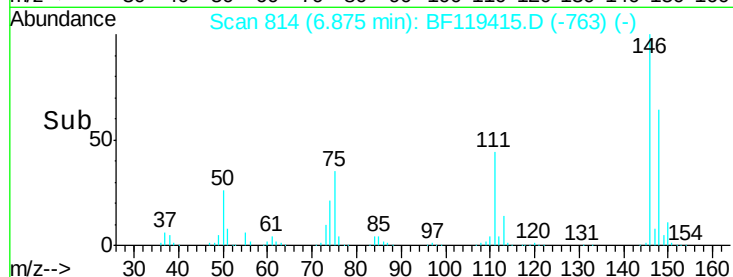
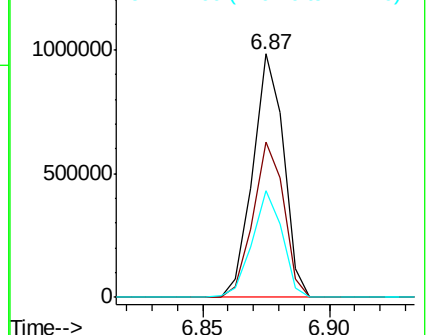
111 44.1 34.6 52.0



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: 42.642 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

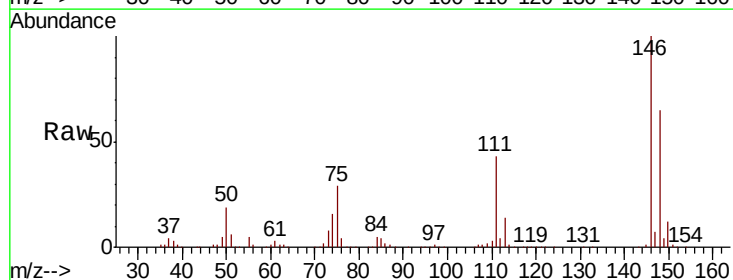
Tgt Ion:146 Resp: 784030

Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

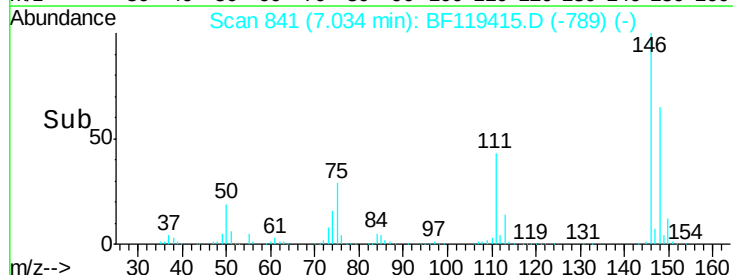
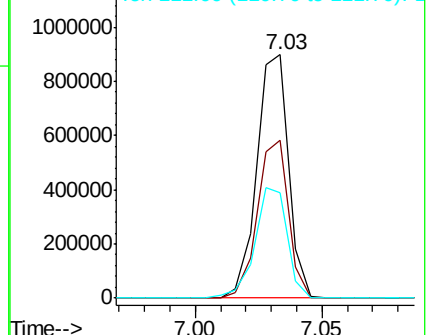
111 43.4 36.4 54.6

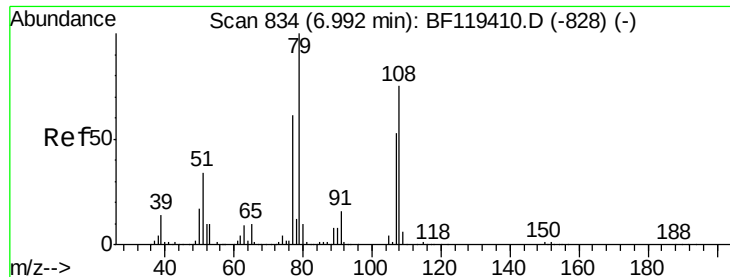


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.762 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

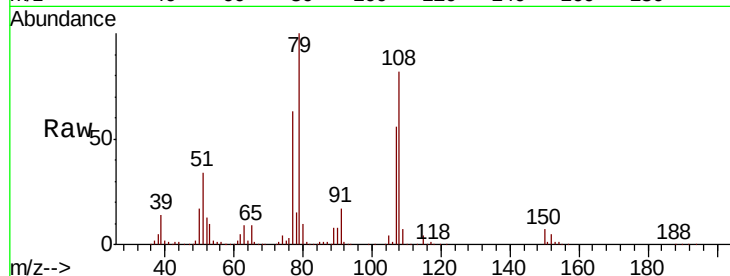
Tot Ion: 79 Resp: 694256

Ion Ratio Lower Upper

79 100

108 81.5 60.4 90.6

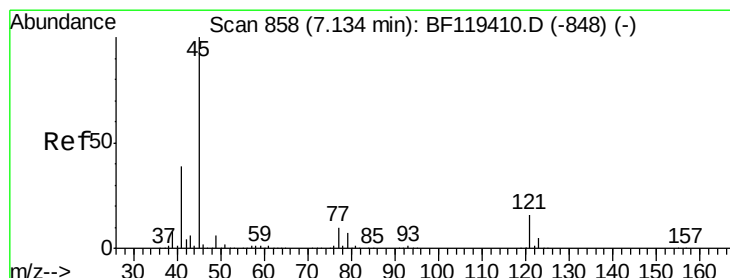
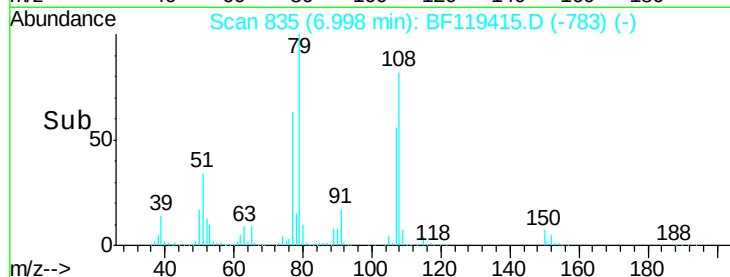
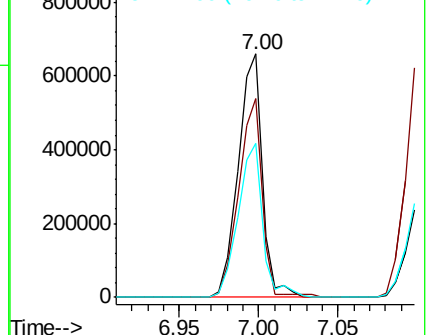
77 63.2 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.925 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

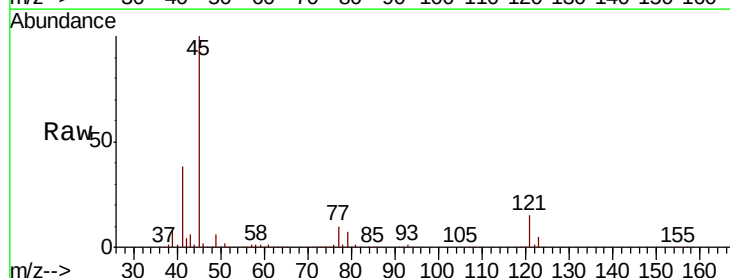
Tgt Ion: 45 Resp: 1632958

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.1

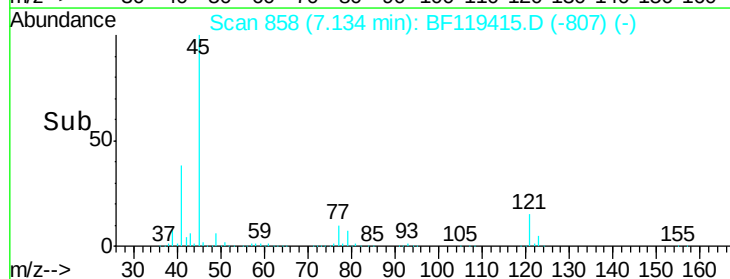
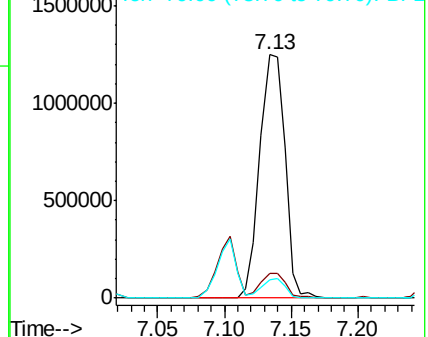
79 7.3 0.0 27.4

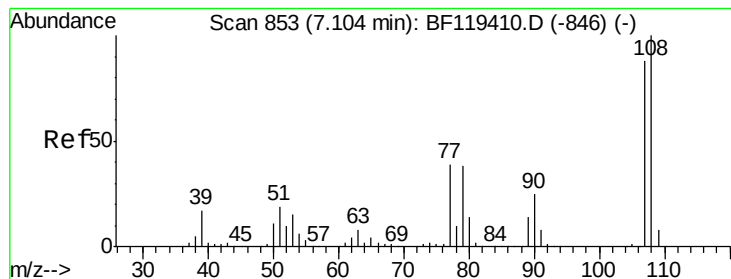


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.289 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:107 Resp: 687385

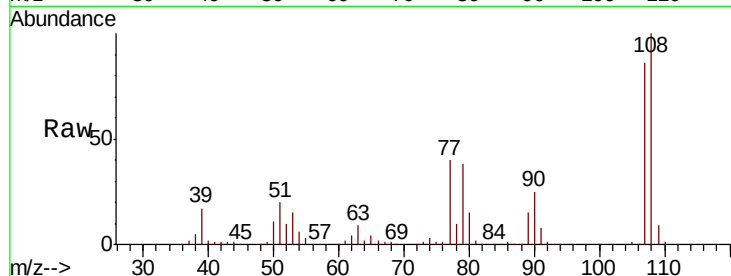
Ion Ratio Lower Upper

107 100

108 116.0 90.7 136.1

77 45.9 35.6 53.4

79 44.4 34.7 52.1

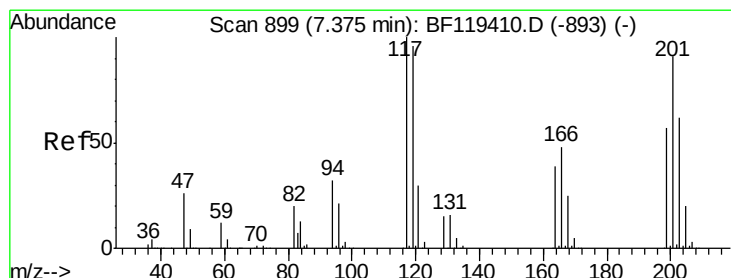
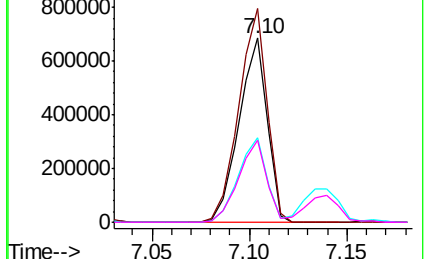
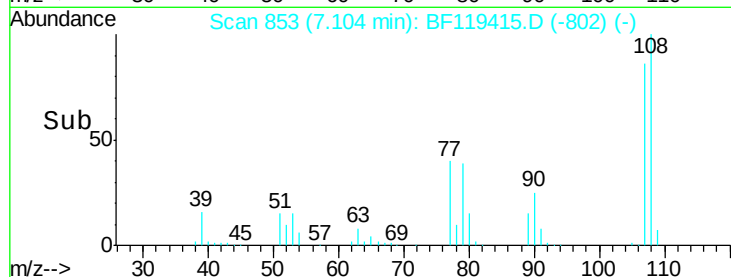


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 43.312 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

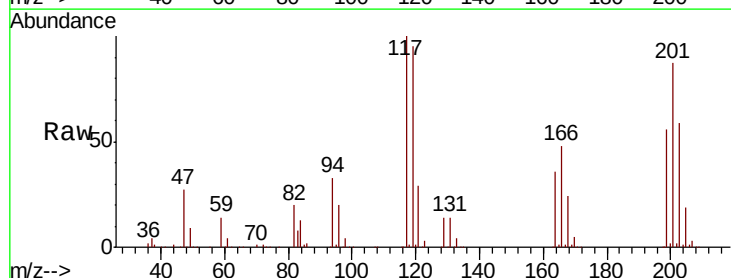
Tgt Ion:117 Resp: 312221

Ion Ratio Lower Upper

117 100

119 95.3 76.8 115.2

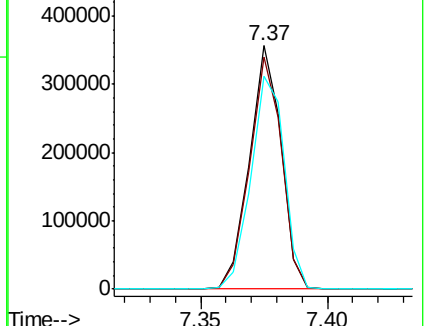
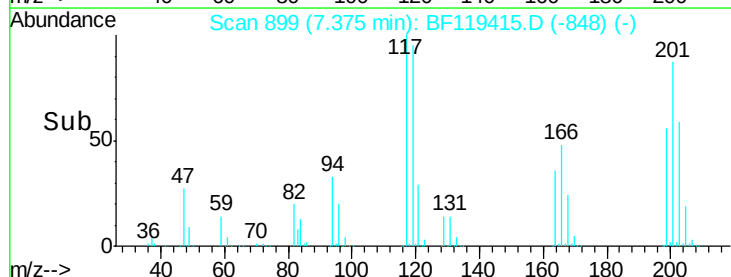
201 87.4 72.5 108.7

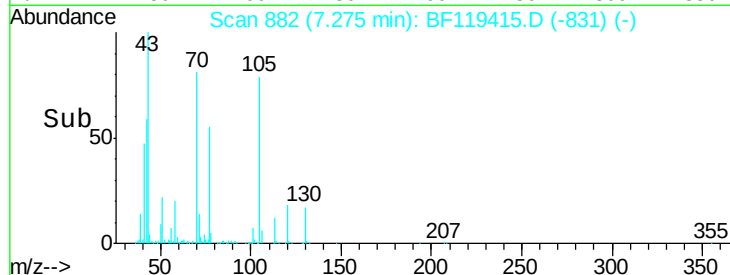
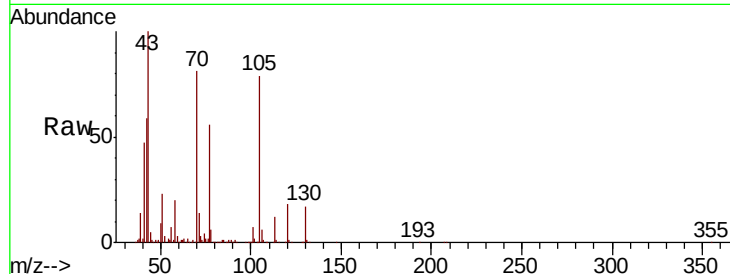
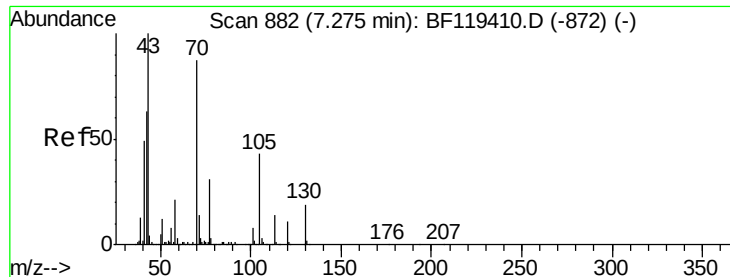


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

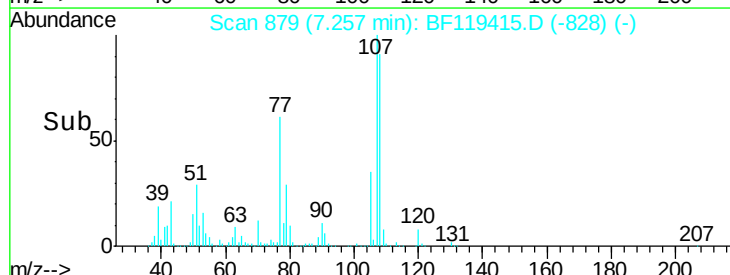
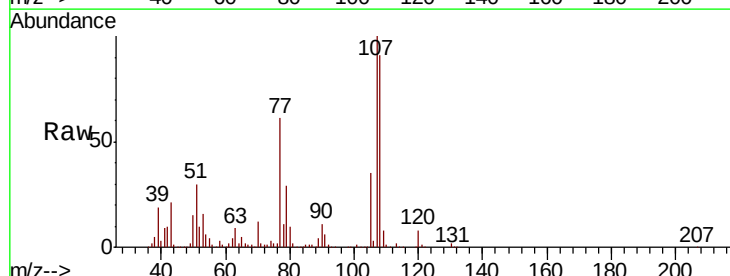
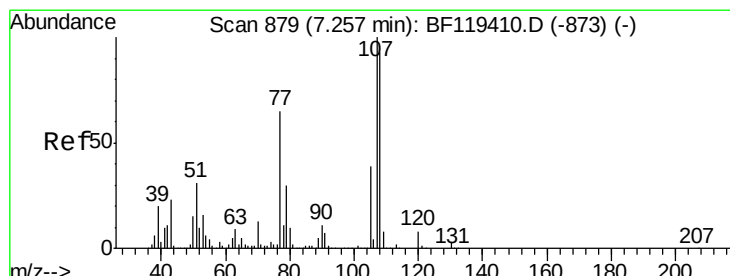
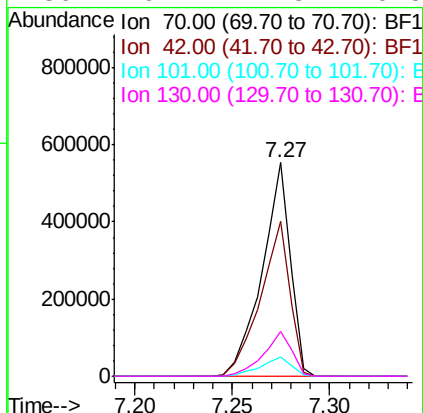




#19
n-Nitroso-di-n-propylamine
Concen: 41.621 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

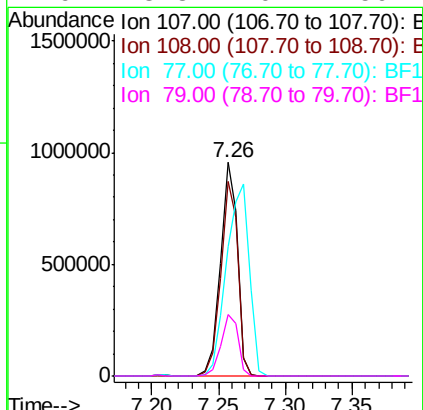
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

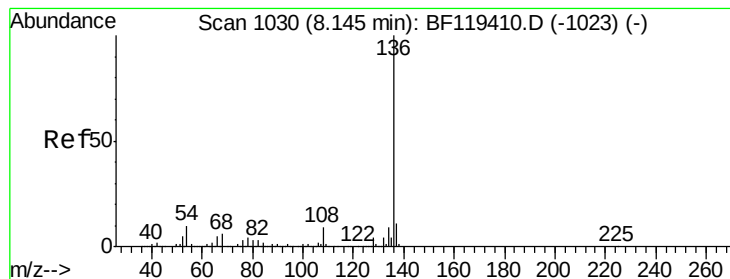
Tot Ion: 70 Resp: 554419
Ion Ratio Lower Upper
70 100
42 72.8 58.2 87.4
101 9.1 7.4 11.2
130 20.7 17.8 26.8



#20
3+4-Methylphenols
Concen: 42.211 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:107 Resp: 861227
Ion Ratio Lower Upper
107 100
108 91.0 72.6 112.6
77 60.6 44.7 84.7
79 28.8 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:136 Resp: 1025727

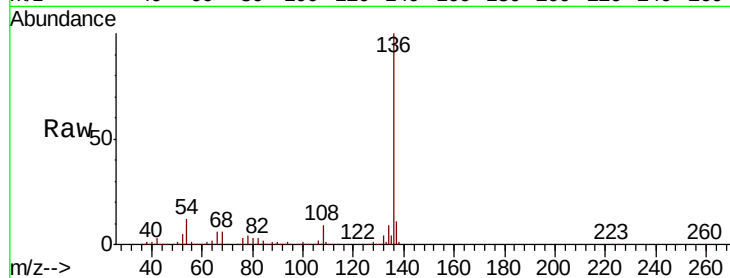
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 11.5 8.3 12.5

68 6.1 4.9 7.3

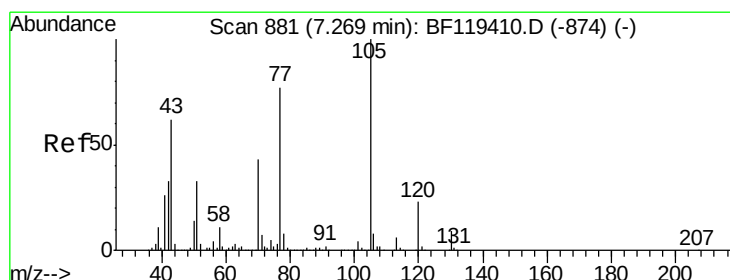
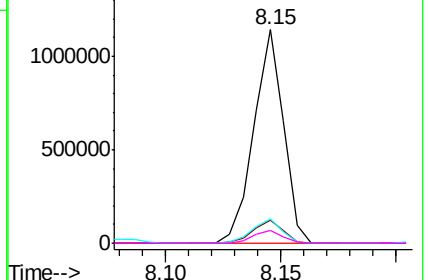
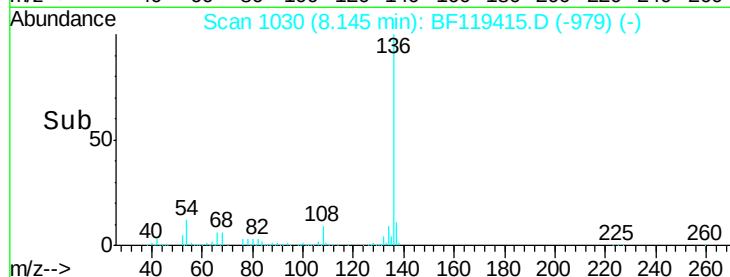


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.680 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:105 Resp: 997051

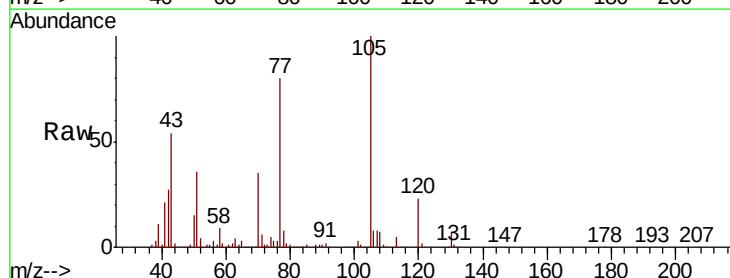
Ion Ratio Lower Upper

105 100

71 5.8 5.8 8.6

51 36.4 26.8 40.2

120 23.1 18.0 27.0

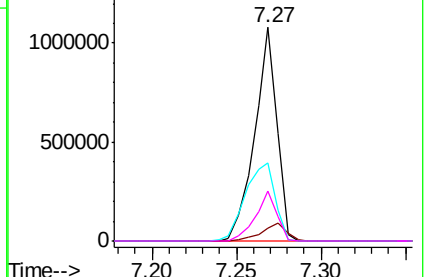
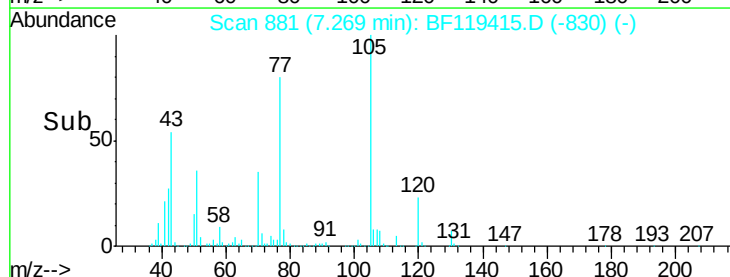


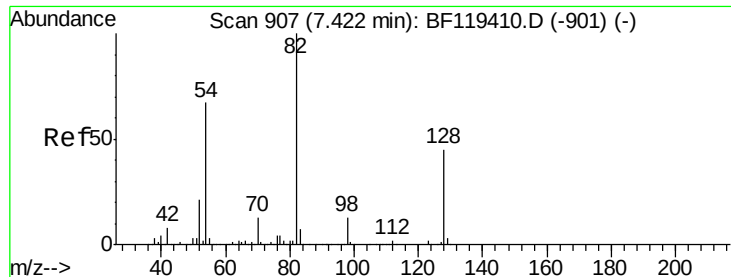
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

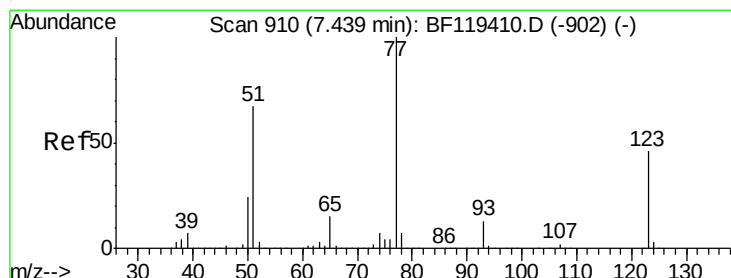
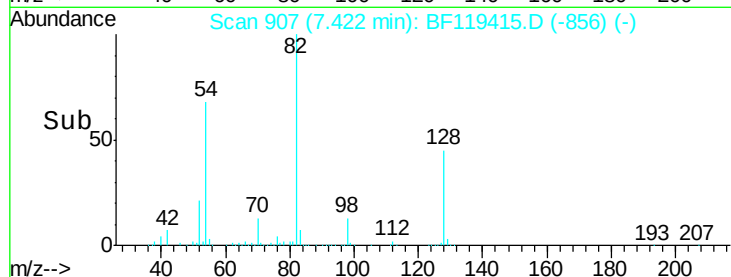
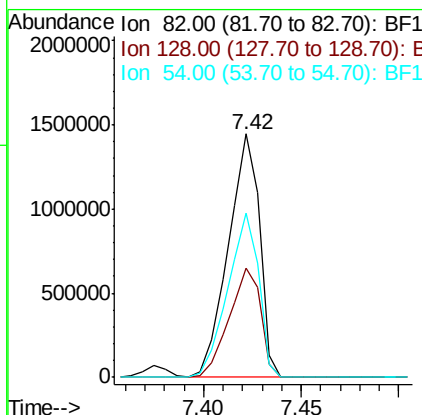
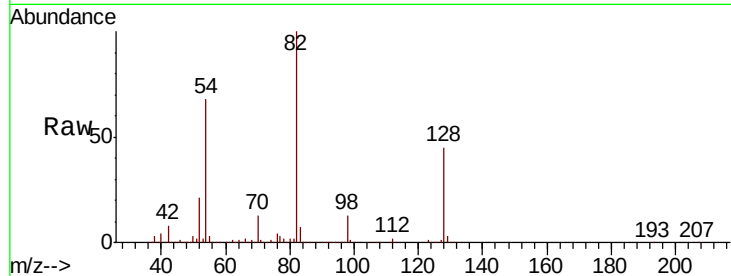




#23
 Nitrobenzene-d5
 Concen: 85.062 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

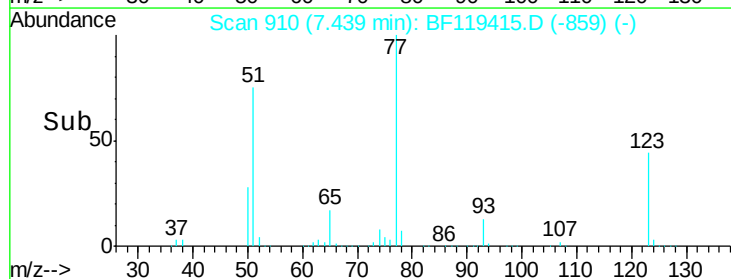
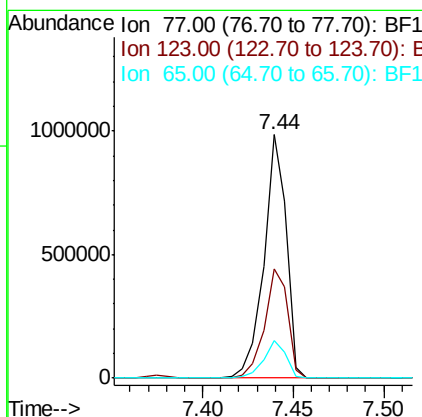
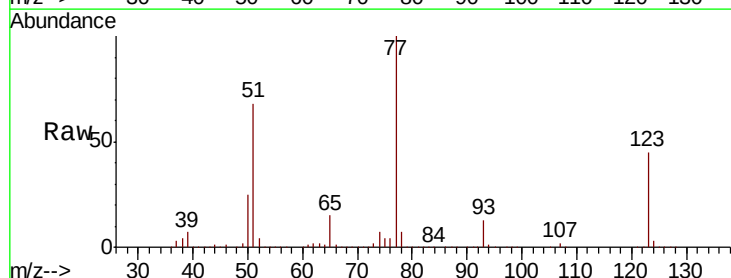
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

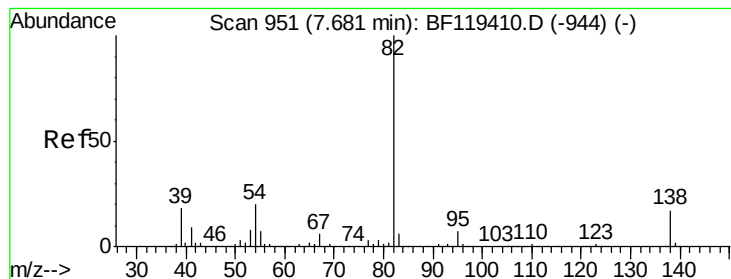
Tot Ion: 82 Resp: 1605405
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.8 53.8
 54 67.6 53.4 80.0



#24
 Nitrobenzene
 Concen: 41.820 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion: 77 Resp: 843507
 Ion Ratio Lower Upper
 77 100
 123 45.0 36.9 55.3
 65 15.3 12.2 18.4





#25

Isophorone

Concen: 40.442 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

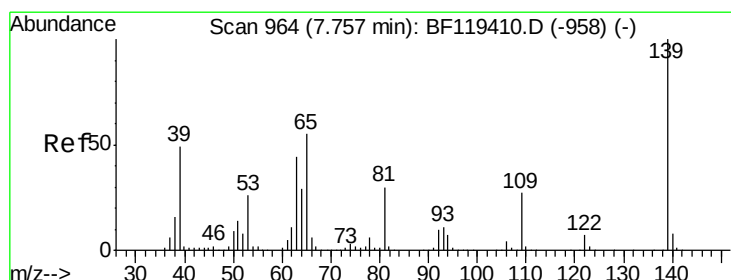
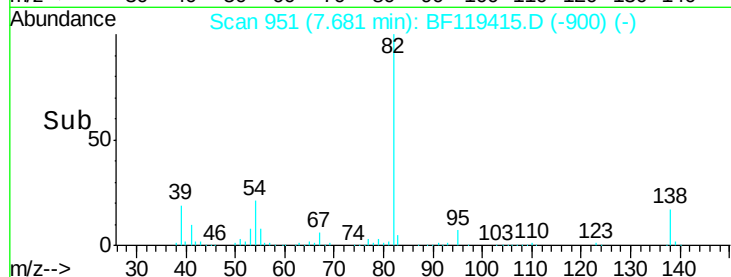
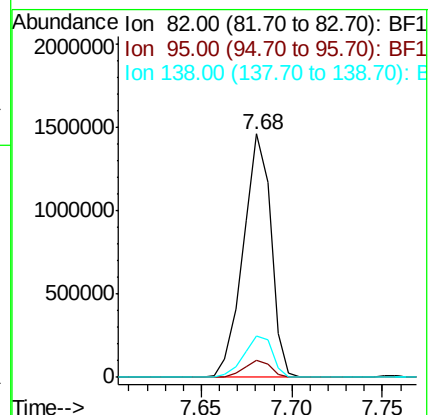
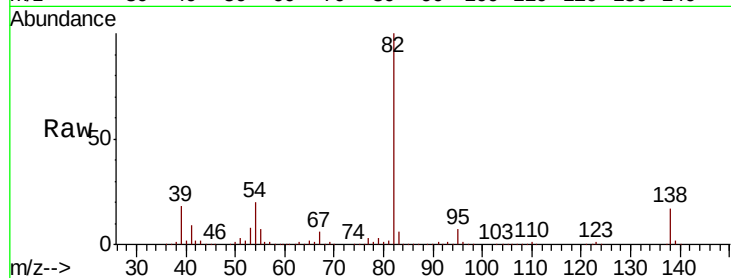
Tot Ion: 82 Resp: 1548321

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 16.8 13.8 20.8



#26

2-Nitrophenol

Concen: 44.922 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

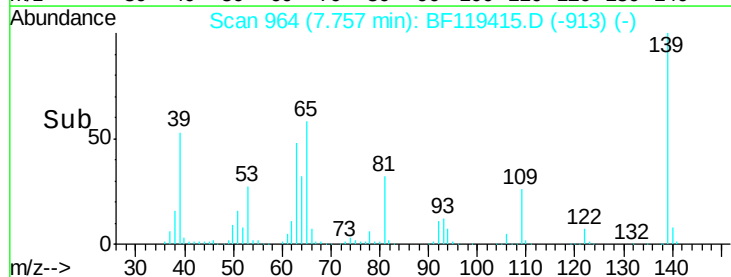
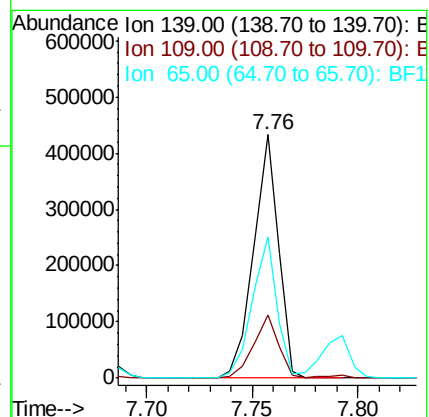
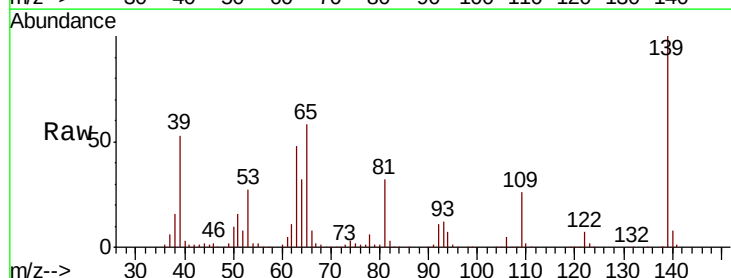
Tgt Ion: 139 Resp: 356753

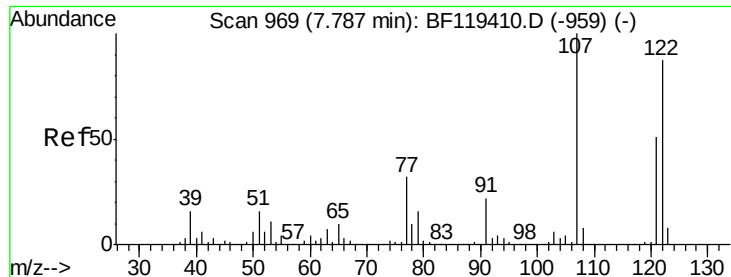
Ion Ratio Lower Upper

139 100

109 26.1 21.7 32.5

65 57.8 43.9 65.9

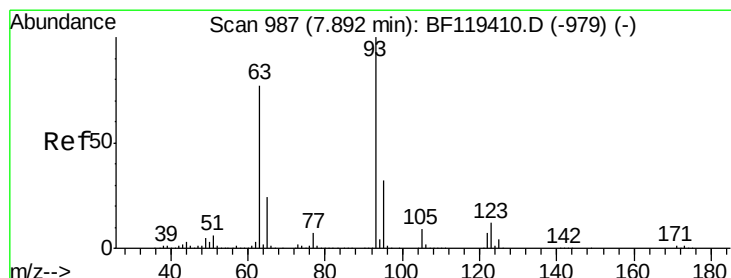
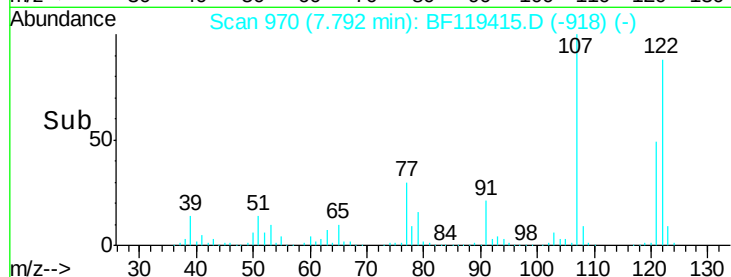
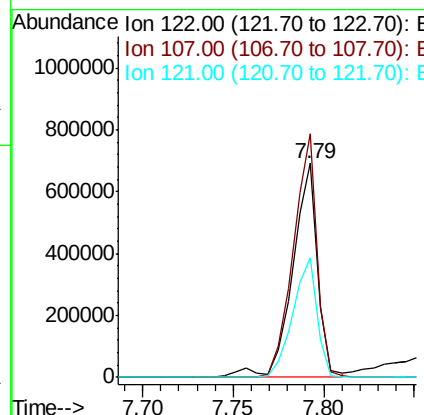
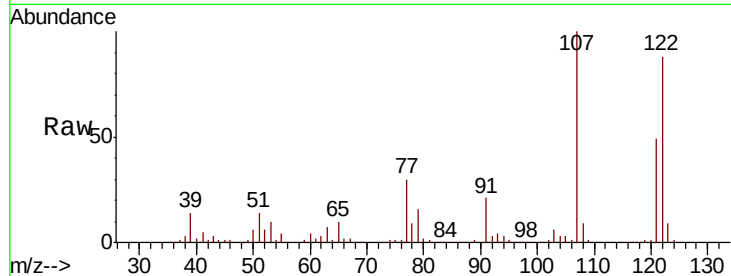




#27
2,4-Dimethylphenol
Concen: 40.681 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

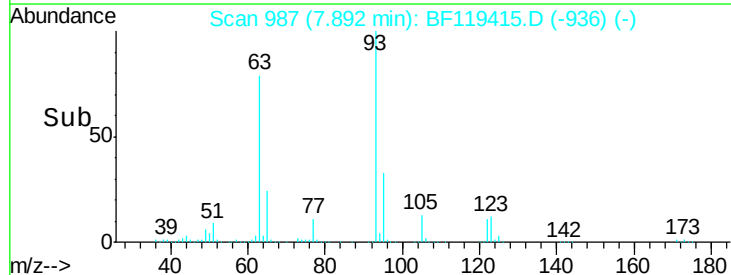
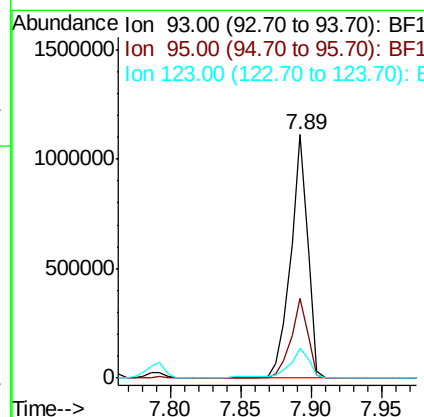
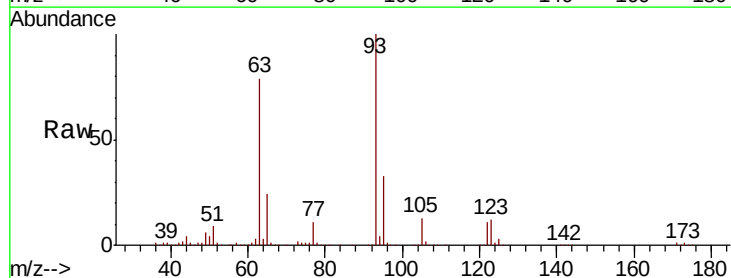
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

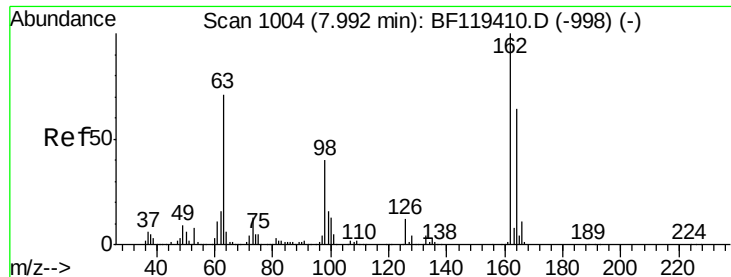
Tot Ion:122 Resp: 668036
Ion Ratio Lower Upper
122 100
107 113.8 91.8 137.6
121 55.6 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.174 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion: 93 Resp: 932158
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 41.345 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

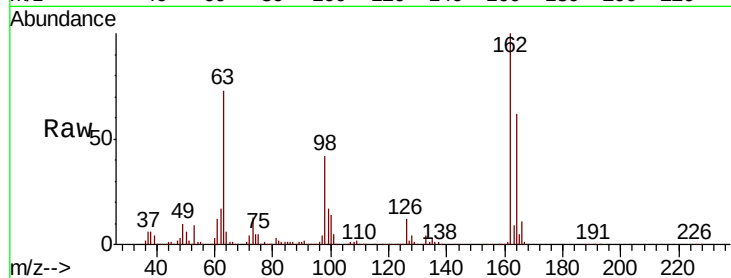
Tot Ion:162 Resp: 623836

Ion Ratio Lower Upper

162 100

164 62.3 43.6 83.6

98 42.0 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1

7.99

800000

600000

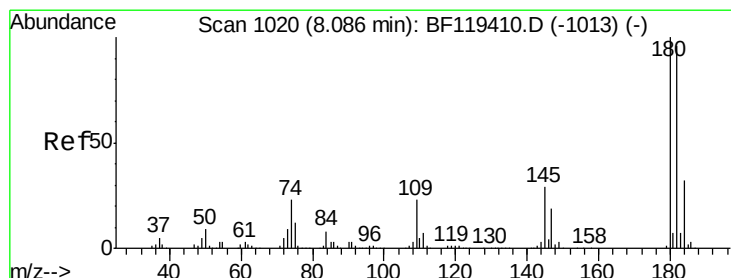
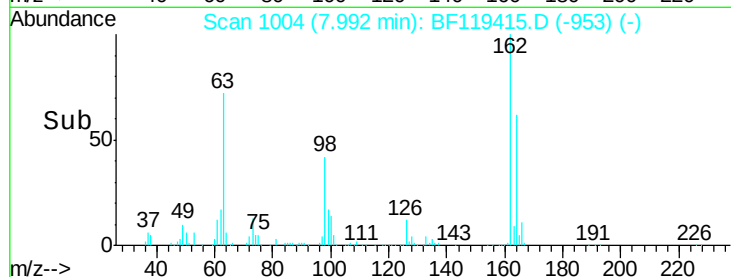
400000

200000

0

7.95 8.00 8.05

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 41.531 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

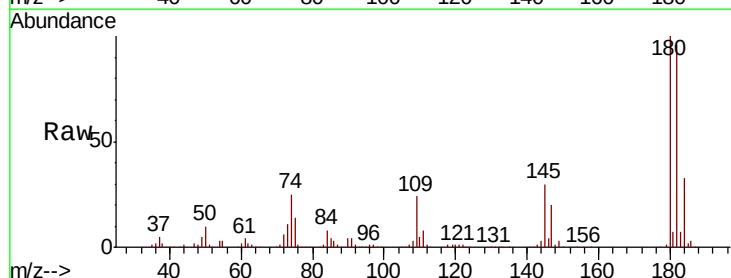
Tgt Ion:180 Resp: 693001

Ion Ratio Lower Upper

180 100

182 96.2 76.6 115.0

145 30.4 23.2 34.8



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

8.09

1000000

800000

600000

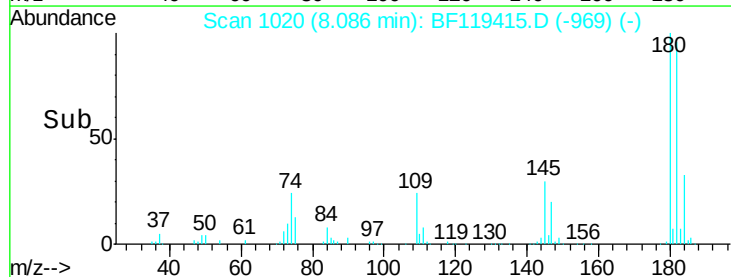
400000

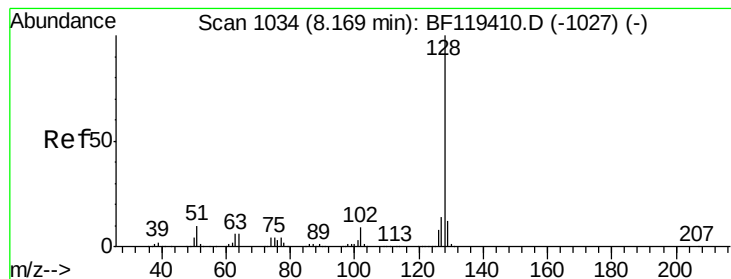
200000

0

8.05 8.10

Time-->





#31

Naphthalene

Concen: 41.485 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

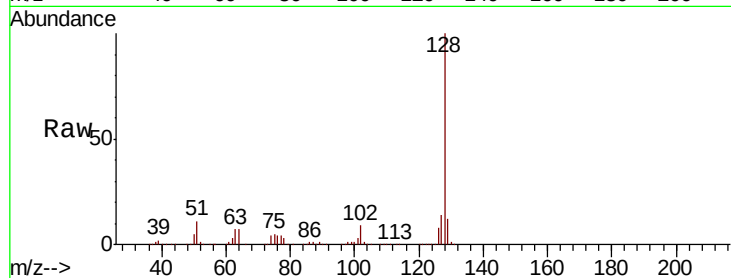
Tot Ion:128 Resp: 2189811

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

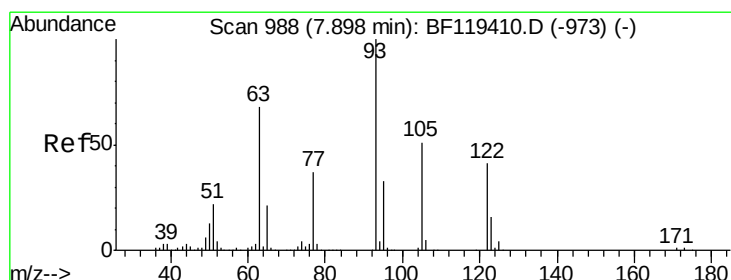
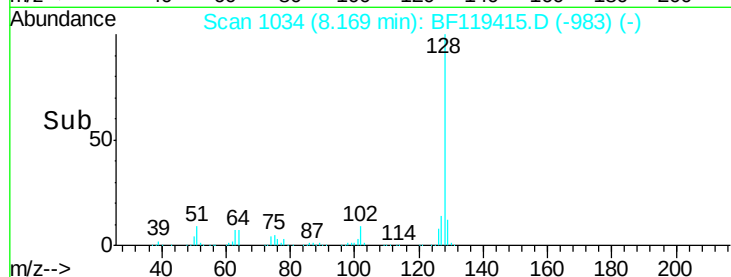
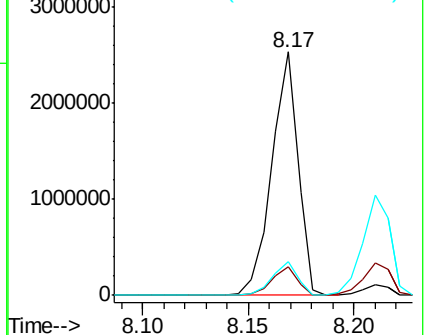
127 14.0 11.0 16.4



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: 46.077 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

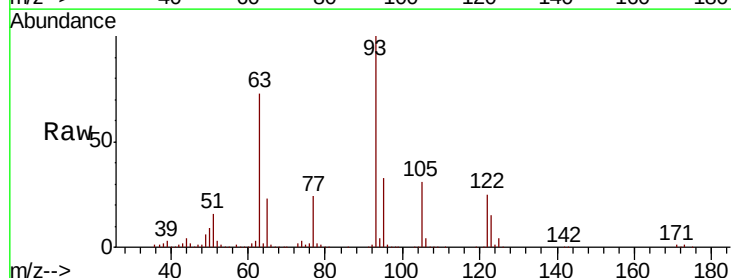
Tgt Ion:122 Resp: 486720

Ion Ratio Lower Upper

122 100

105 123.6 102.9 142.9

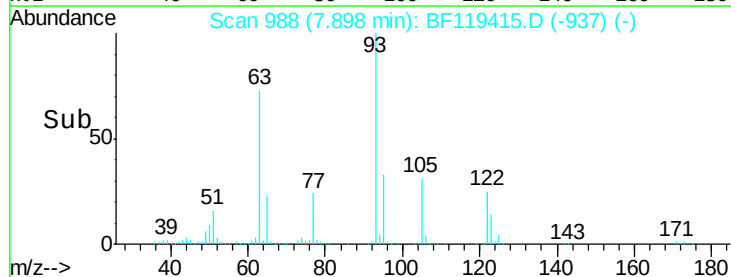
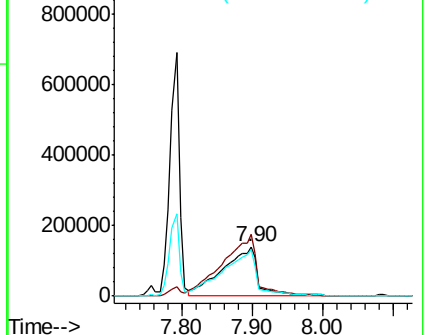
77 94.9 70.1 110.1

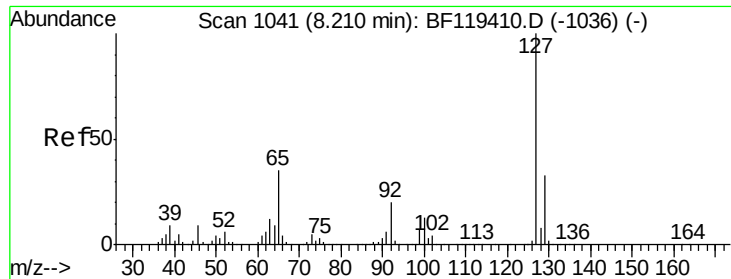


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

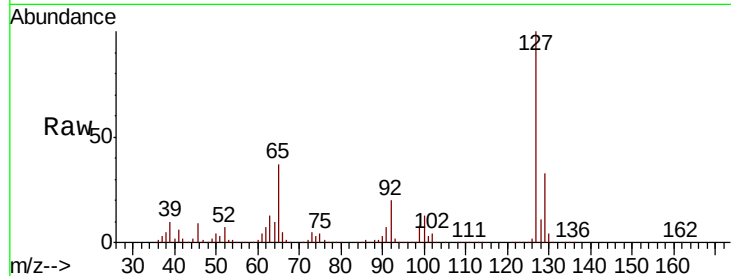




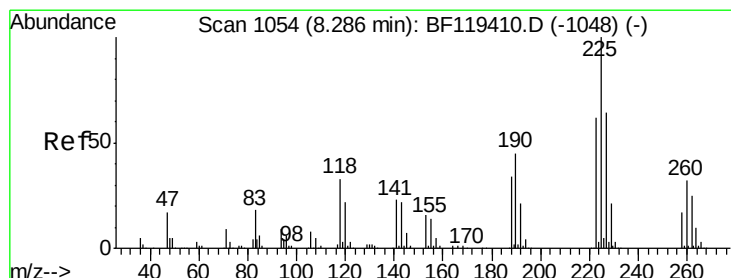
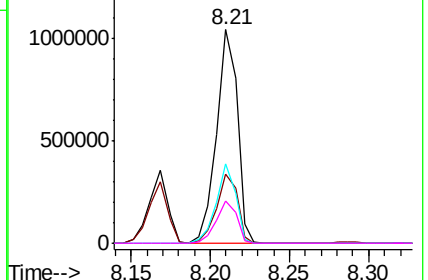
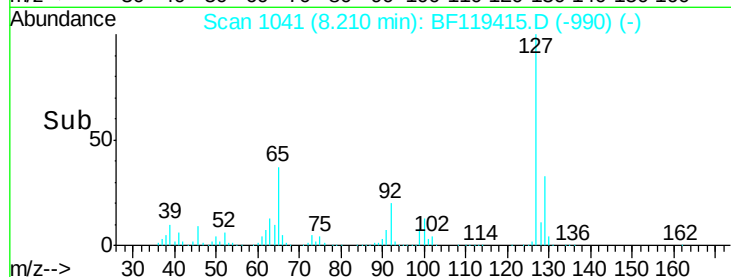
#33
4-Chloroaniline
Concen: 39.467 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:	127	Resp:	954584
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	37.2	27.7	41.5
92	19.8	15.8	23.6

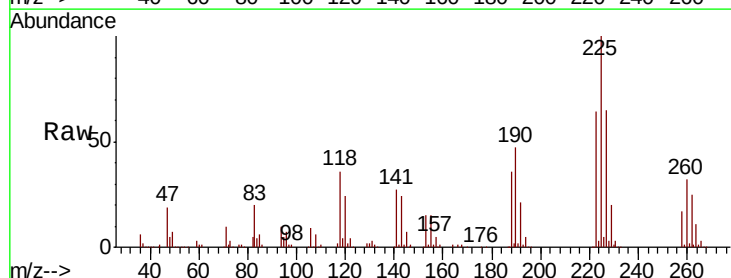


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

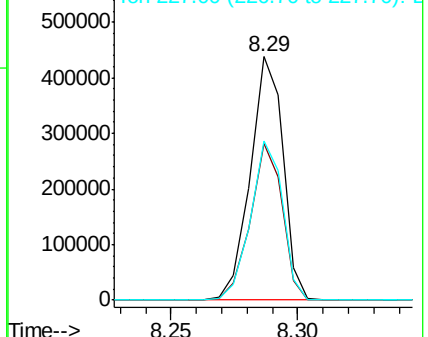
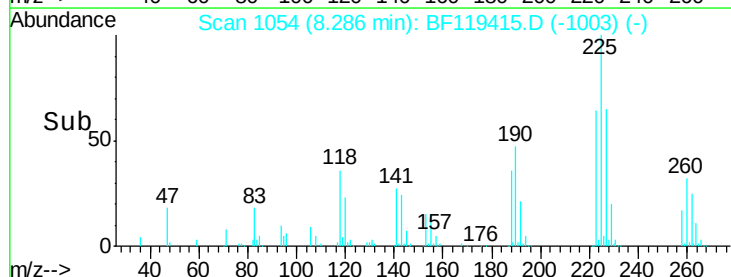


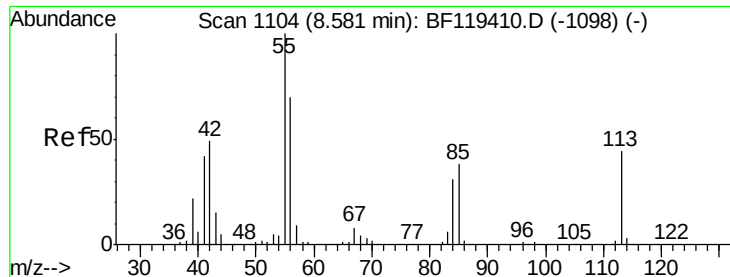
#34
Hexachlorobutadiene
Concen: 42.306 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:	225	Resp:	394977
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.2	73.8
227	65.2	51.1	76.7



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

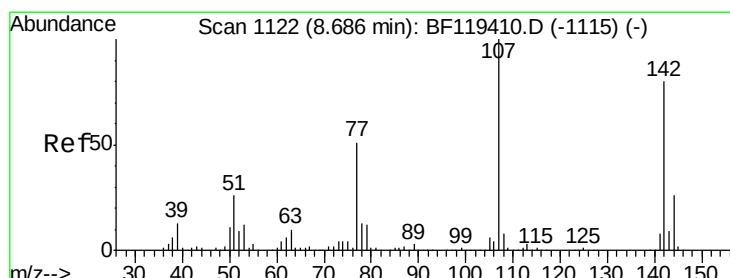
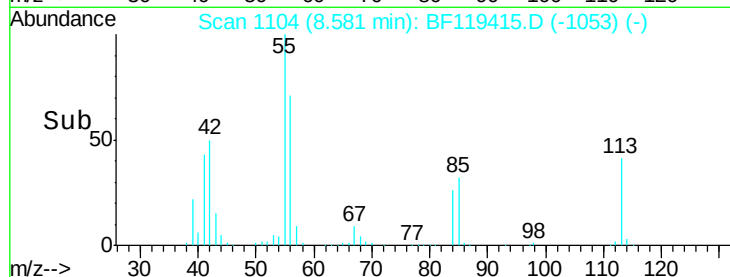
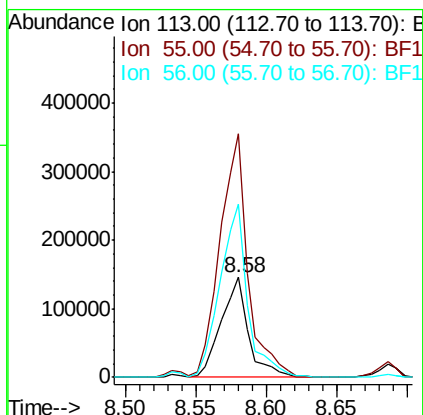
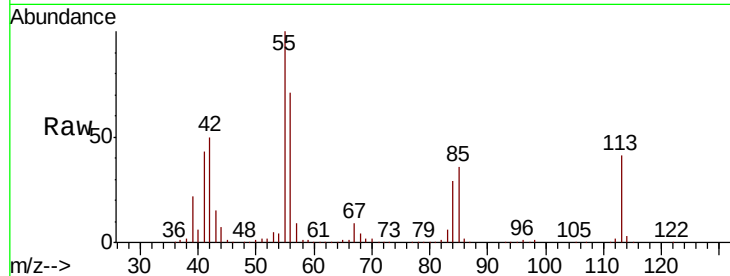




#35
 Caprolactam
 Concen: 40.009 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

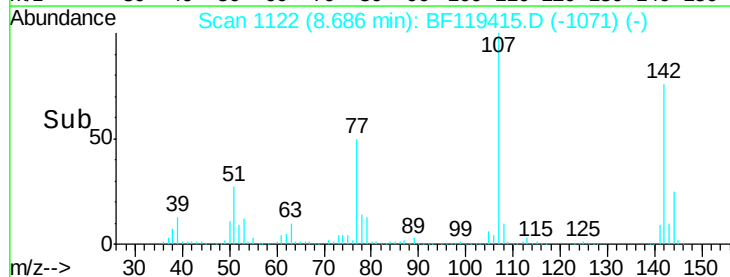
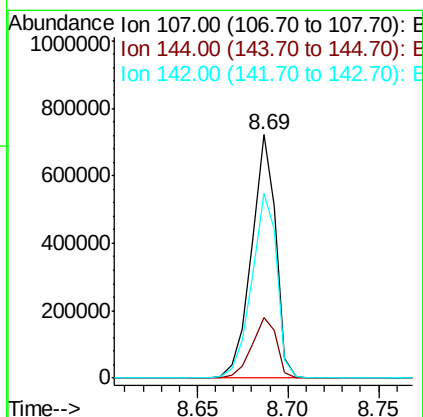
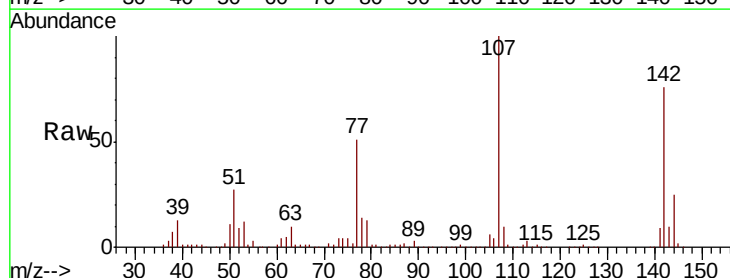
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

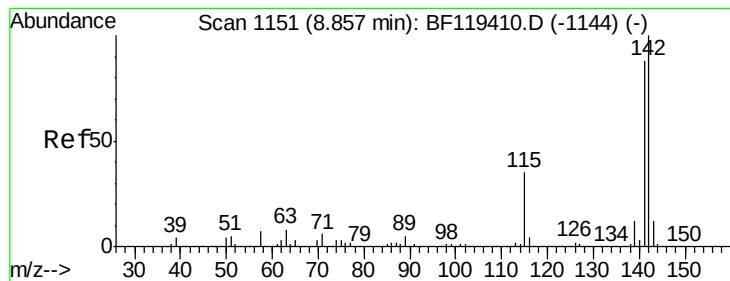
Tot Ion:113 Resp: 197567
 Ion Ratio Lower Upper
 113 100
 55 243.0 208.4 248.4
 56 172.7 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.498 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion:107 Resp: 667850
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.6 31.0
 142 76.1 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.146 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

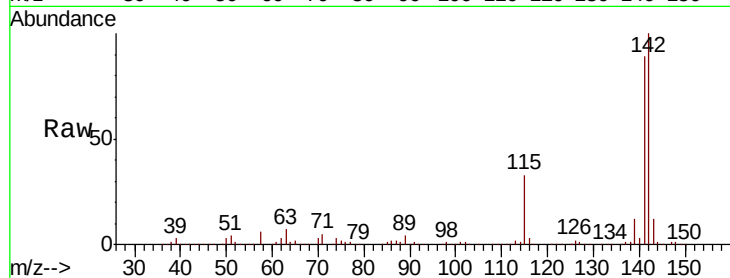
Tot Ion:142 Resp: 1425382

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

115 33.0 27.8 41.6



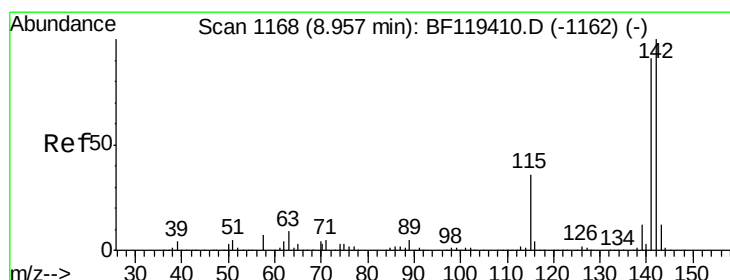
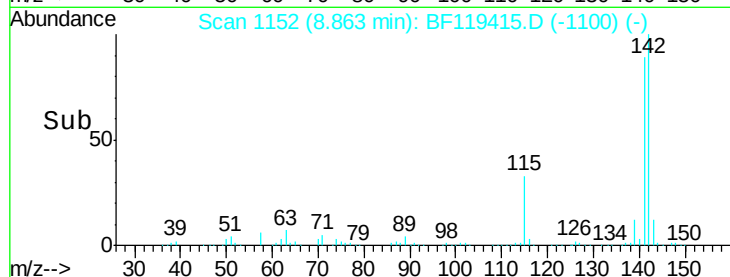
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.86

Time-->



#38

1-Methylnaphthalene

Concen: 41.239 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

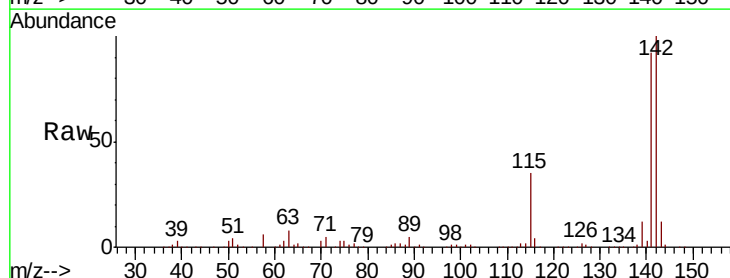
Tgt Ion:142 Resp: 1352206

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7

116 3.6 3.0 4.6



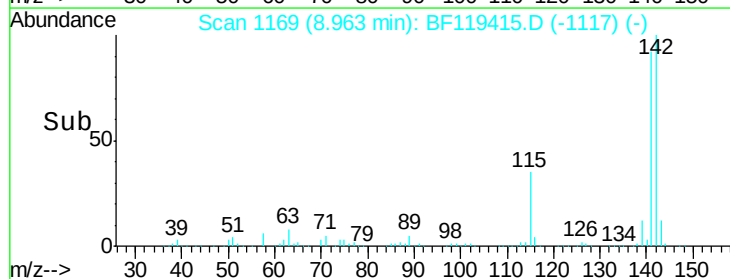
Abundance Ion 142.00 (141.70 to 142.70): E

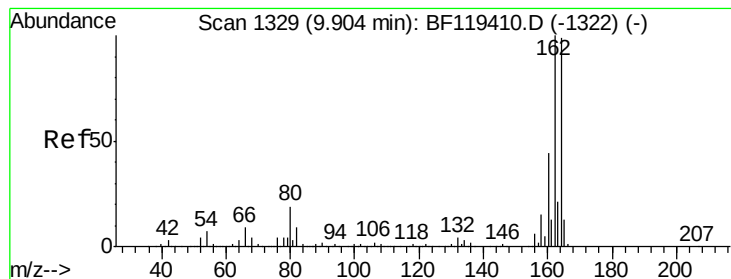
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.96

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

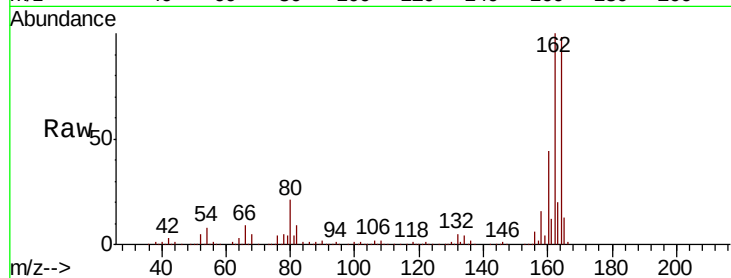
Tot Ion:164 Resp: 513243

Ion Ratio Lower Upper

164 100

162 101.8 80.7 121.1

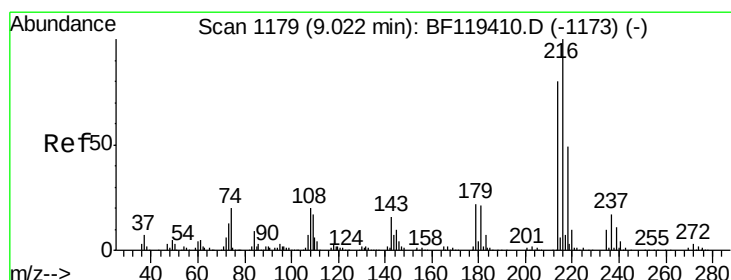
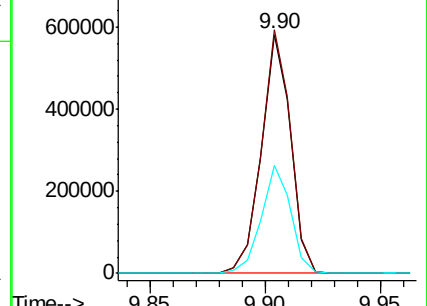
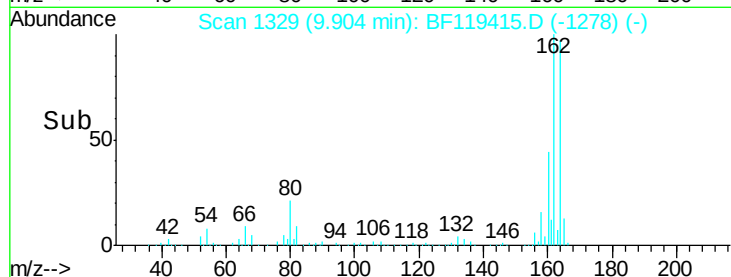
160 44.9 35.5 53.3



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: 41.711 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:216 Resp: 627475

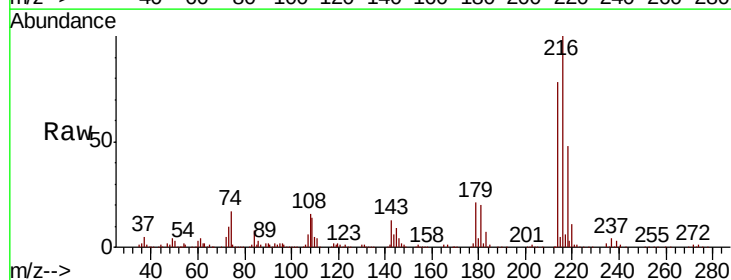
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 21.6 17.0 25.4

108 19.4 15.4 23.0

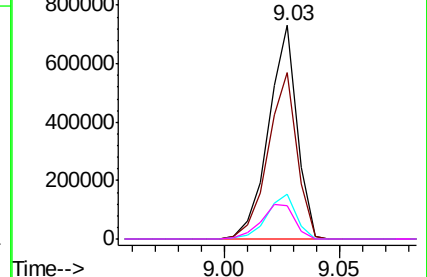
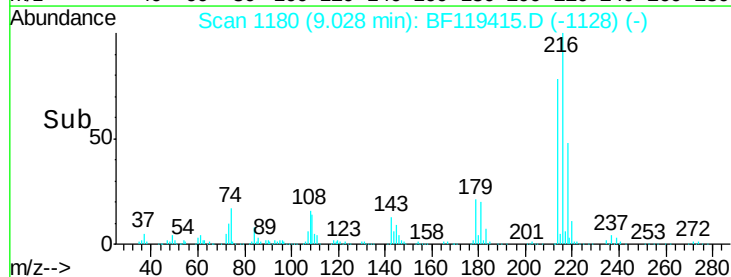


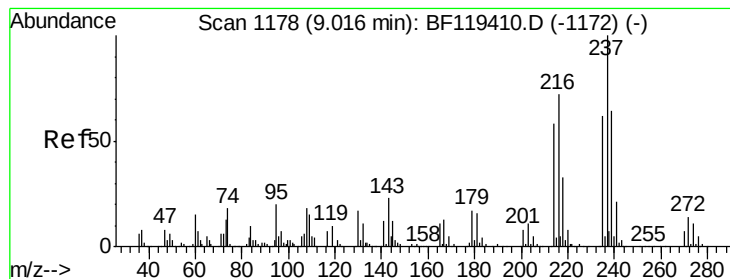
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.080 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

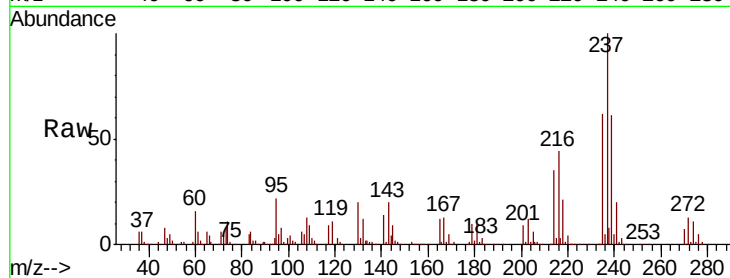
Tot Ion:237 Resp: 368436

Ion Ratio Lower Upper

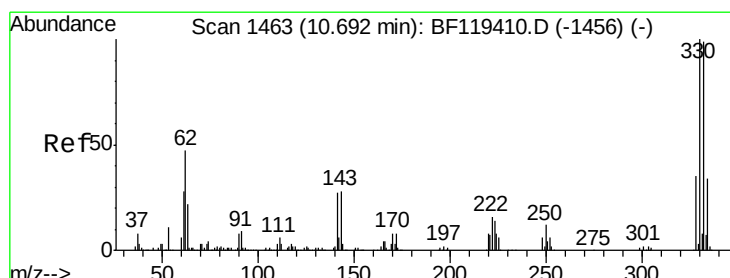
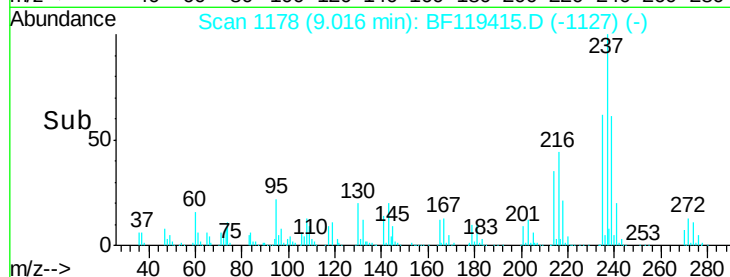
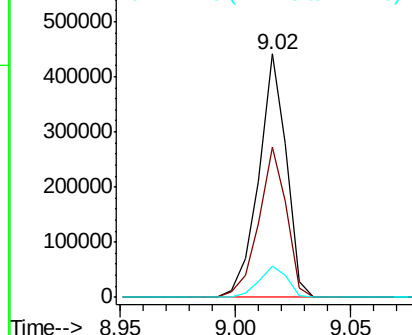
237 100

235 61.7 42.5 82.5

272 13.0 0.0 34.3



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: 86.710 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

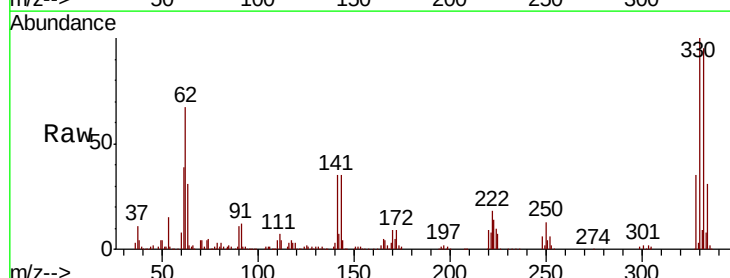
Tgt Ion:330 Resp: 459124

Ion Ratio Lower Upper

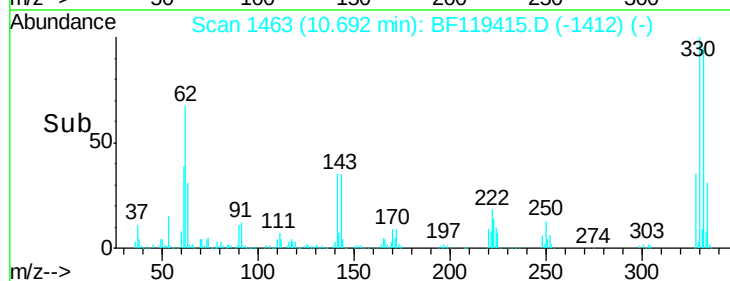
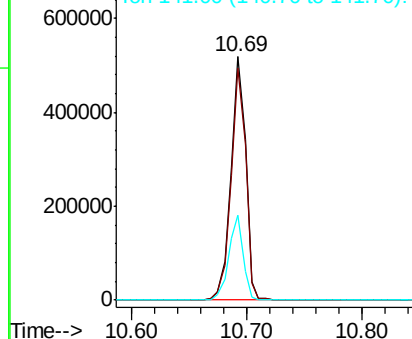
330 100

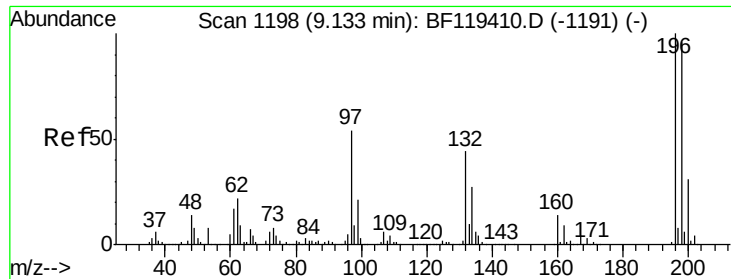
332 95.2 77.6 116.4

141 33.9 26.6 40.0



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

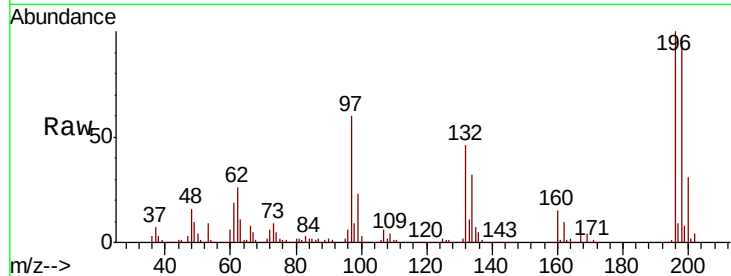




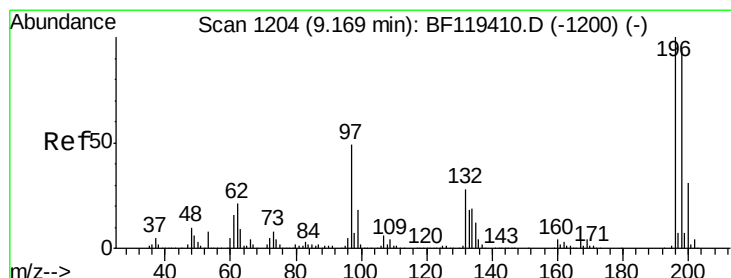
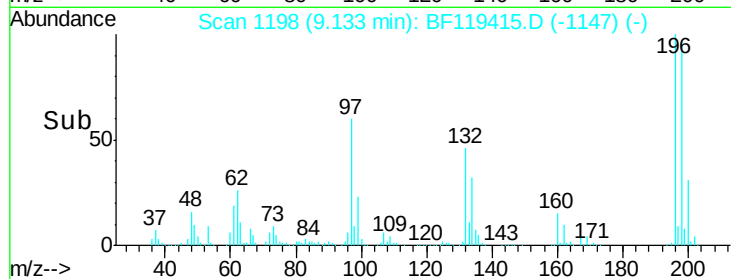
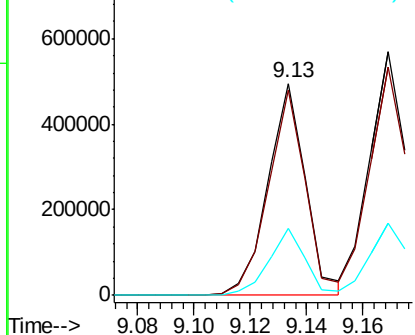
#43
 2,4,6-Trichlorophenol
 Concen: 42.503 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.0	115.4
200	31.4	25.1	37.7

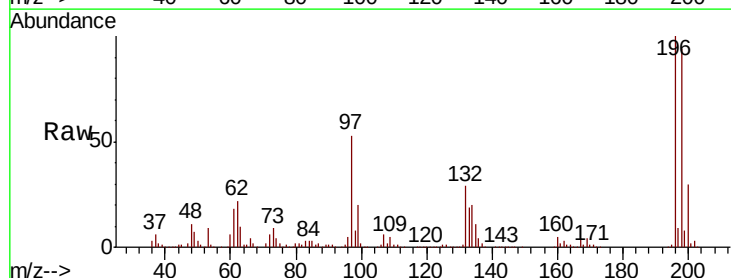


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

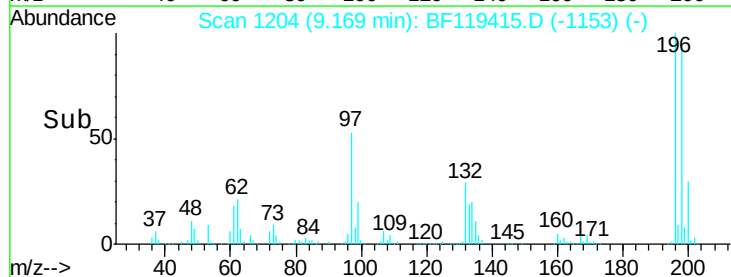
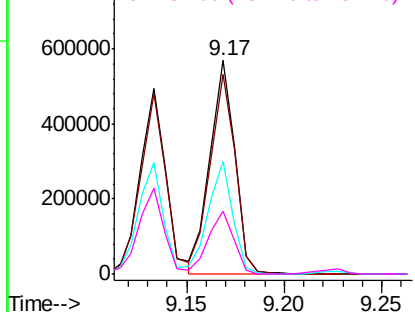


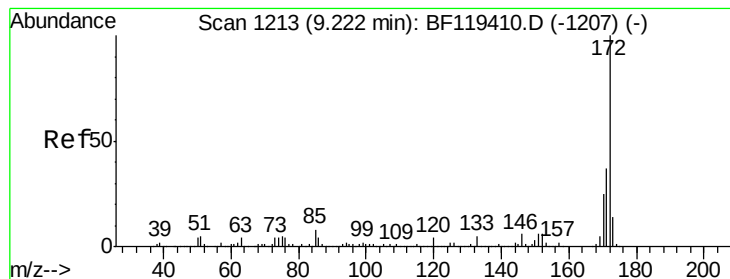
#44
 2,4,5-Trichlorophenol
 Concen: 41.736 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.3	112.9
97	52.8	39.0	58.4
132	29.4	22.9	34.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 79.908 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

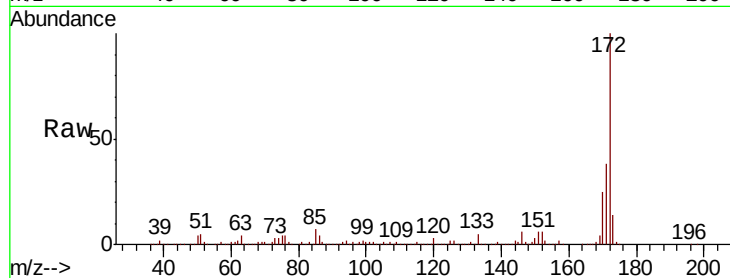
Tot Ion:172 Resp: 2768355

Ion Ratio Lower Upper

172 100

171 37.7 29.9 44.9

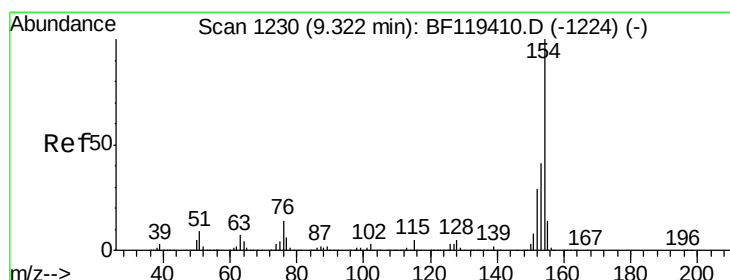
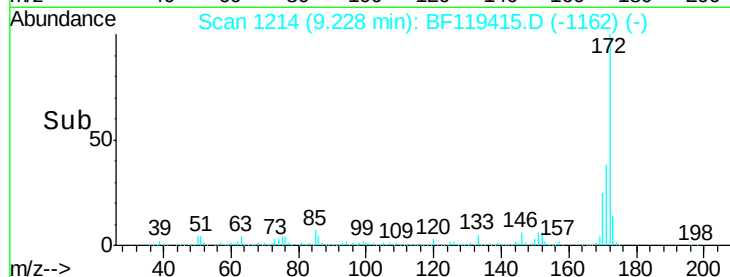
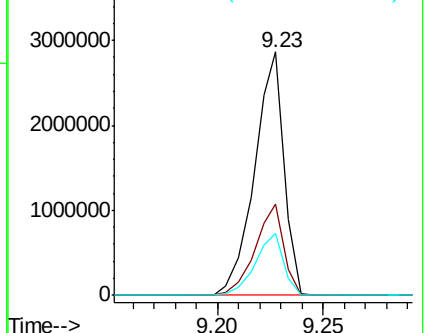
170 25.4 20.1 30.1



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: 42.246 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

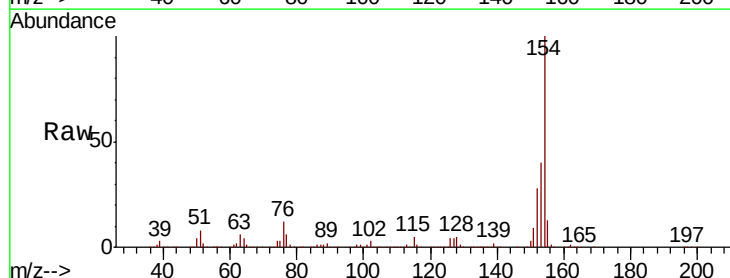
Tgt Ion:154 Resp: 1765919

Ion Ratio Lower Upper

154 100

153 40.0 21.4 61.4

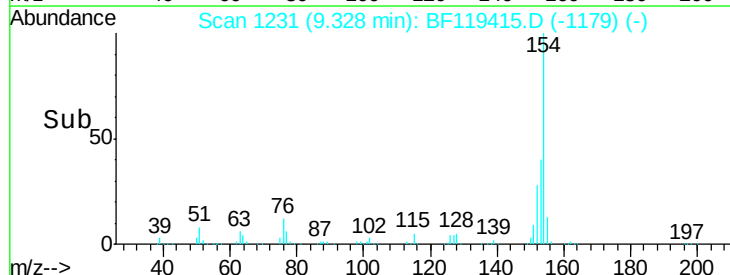
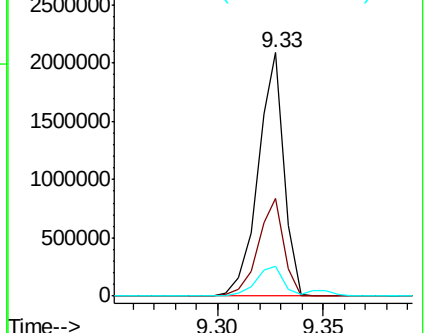
76 12.3 0.0 33.6

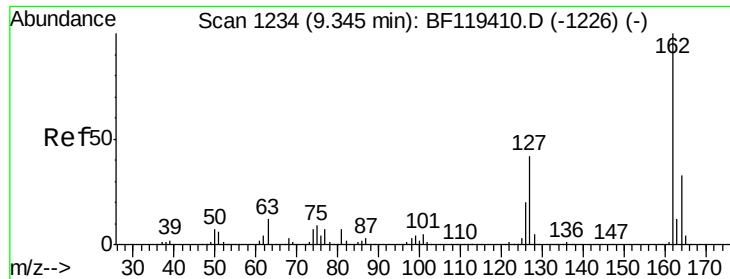


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

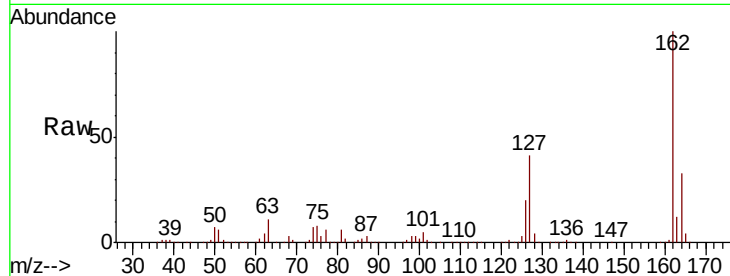




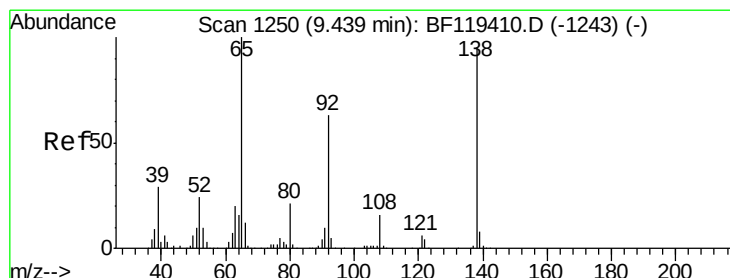
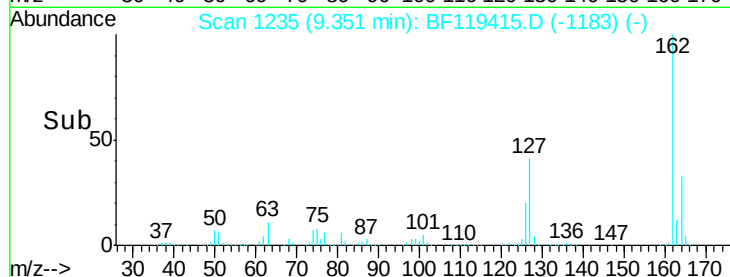
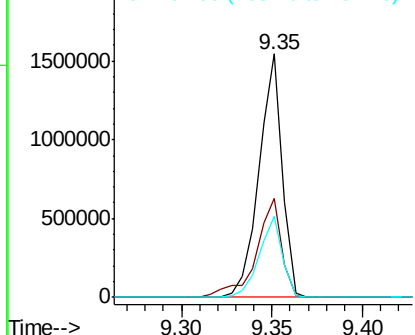
#47
 2-Chloronaphthalene
 Concen: 41.871 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

Tot Ion:162 Resp: 1370990
 Ion Ratio Lower Upper
 162 100
 127 40.9 33.7 50.5
 164 33.5 26.2 39.4

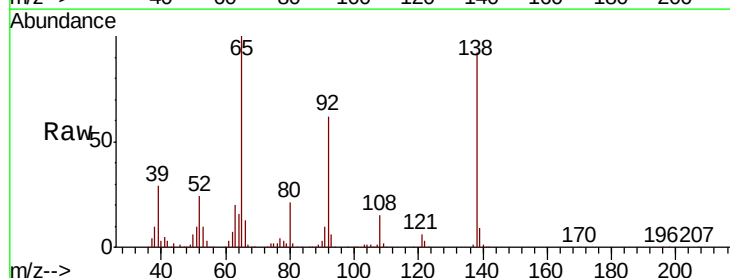


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

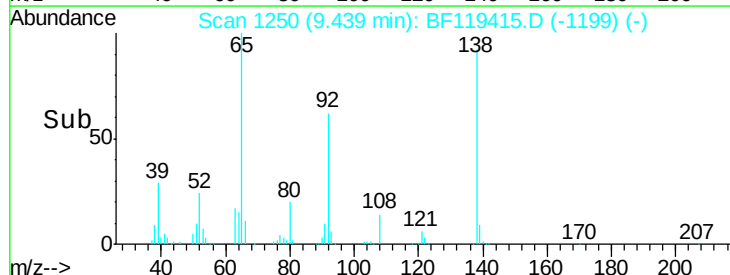
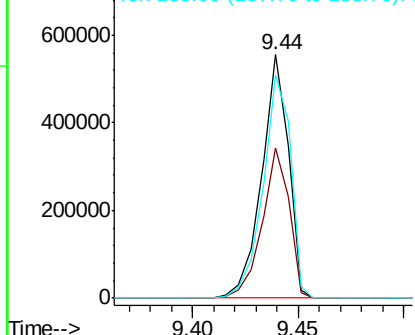


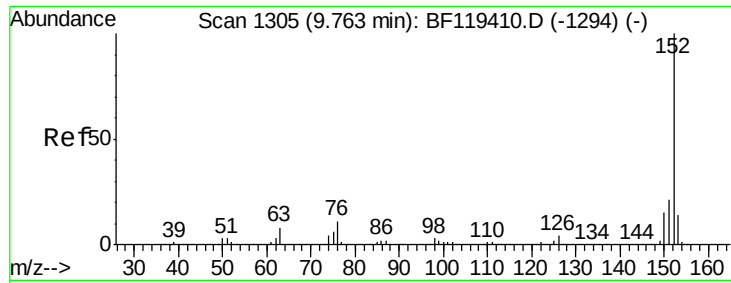
#48
 2-Nitroaniline
 Concen: 43.370 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion: 65 Resp: 490151
 Ion Ratio Lower Upper
 65 100
 92 61.6 50.5 75.7
 138 91.7 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.469 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

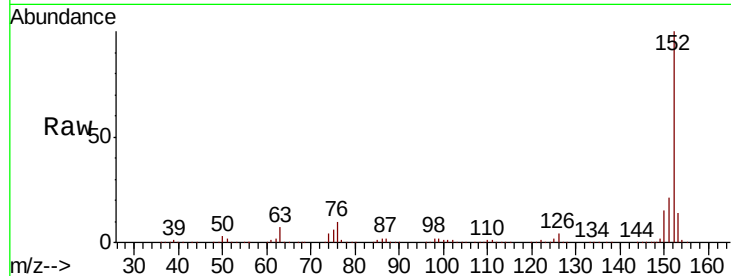
Tot Ion:152 Resp: 2132301

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

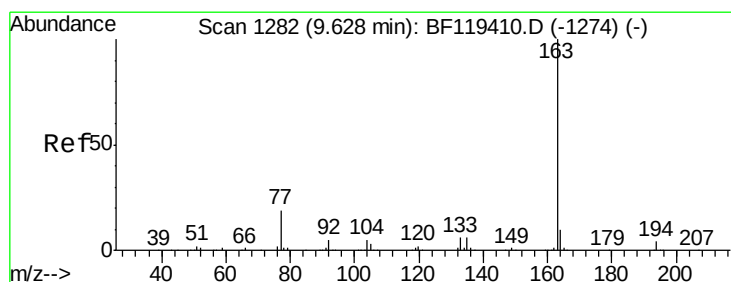
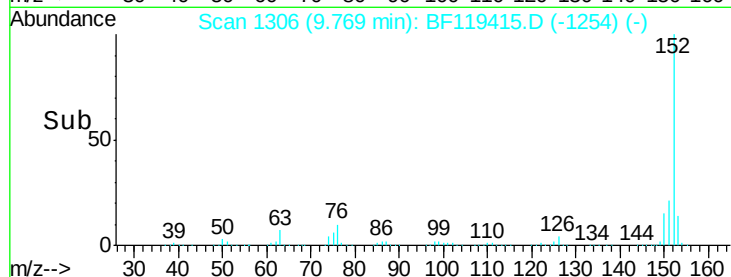
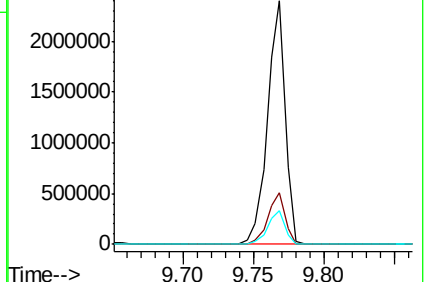
153 13.7 11.2 16.8



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: 41.972 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

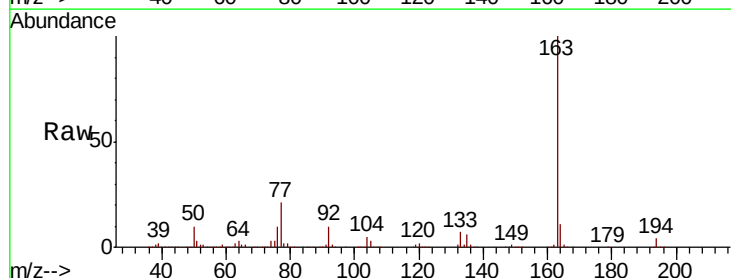
Tgt Ion:163 Resp: 1530117

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

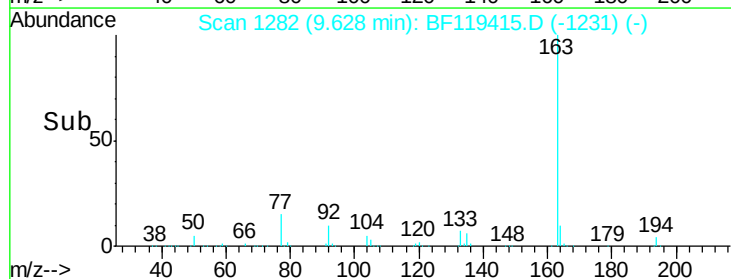
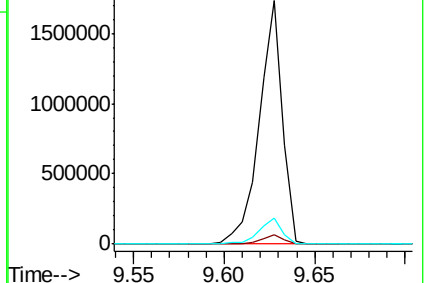
164 10.8 8.1 12.1

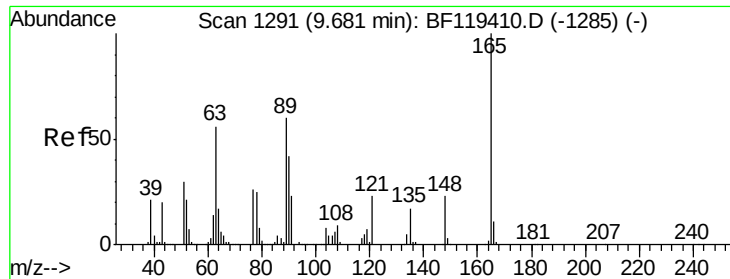


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

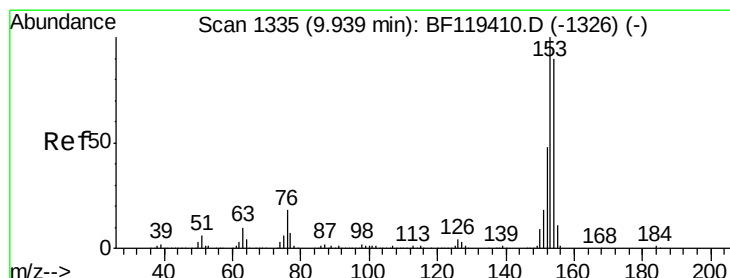
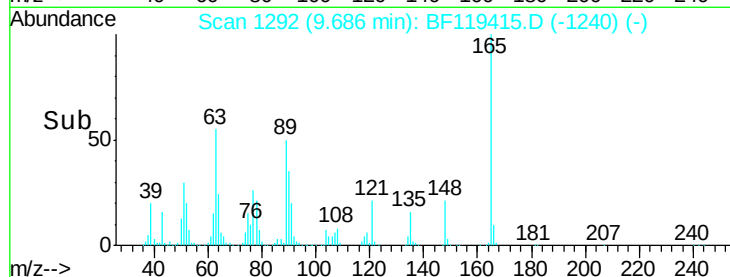
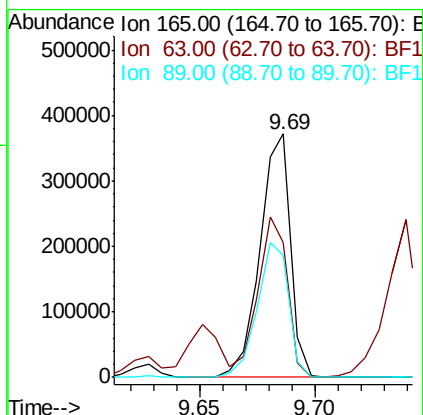
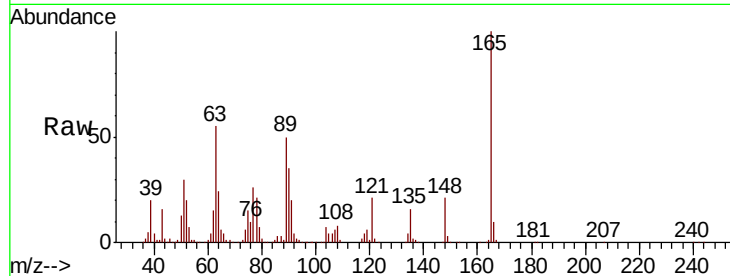




#51
 2,6-Dinitrotoluene
 Concen: 43.901 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

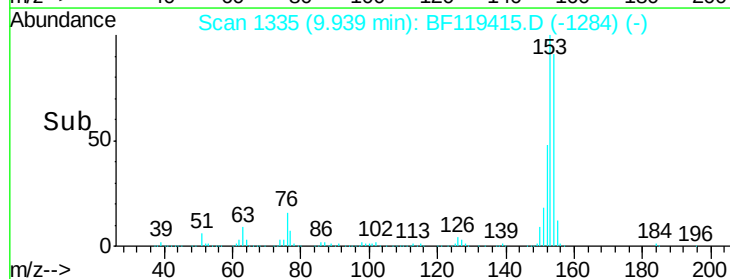
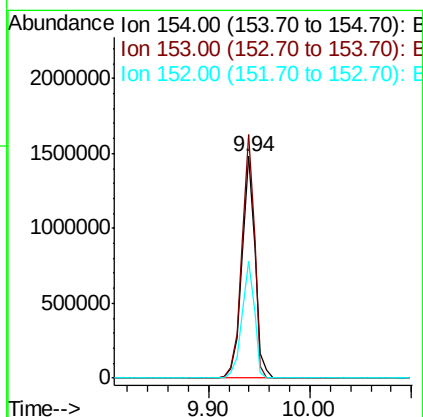
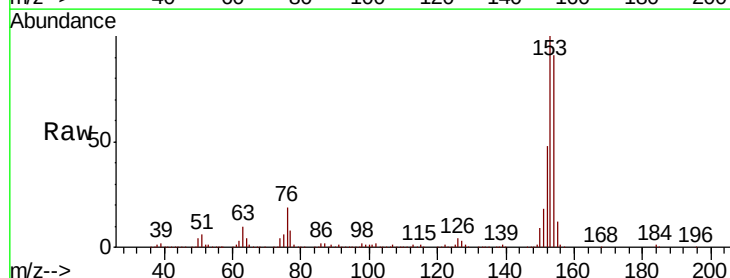
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

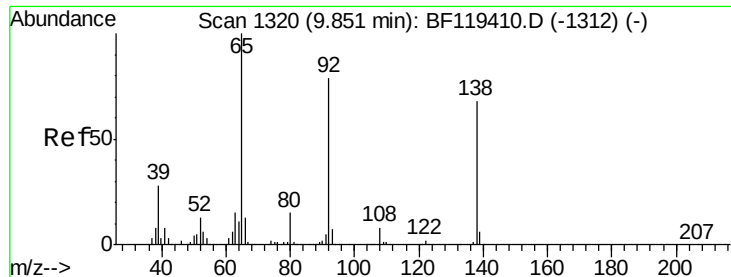
Tot Ion:165 Resp: 343047
 Ion Ratio Lower Upper
 165 100
 63 55.3 57.3 85.9#
 89 50.0 47.8 71.8



#52
 Acenaphthene
 Concen: 41.283 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion:154 Resp: 1323329
 Ion Ratio Lower Upper
 154 100
 153 110.0 89.0 133.6
 152 52.9 43.1 64.7

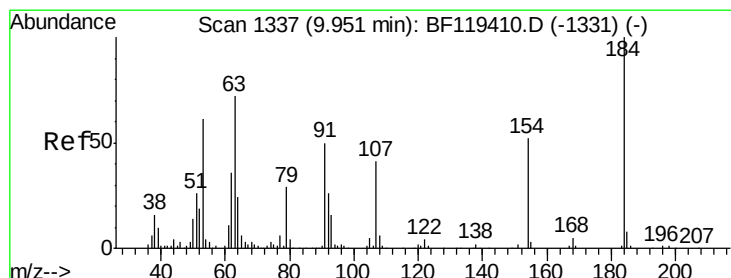
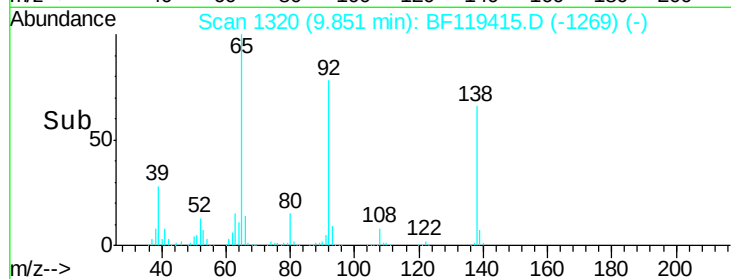
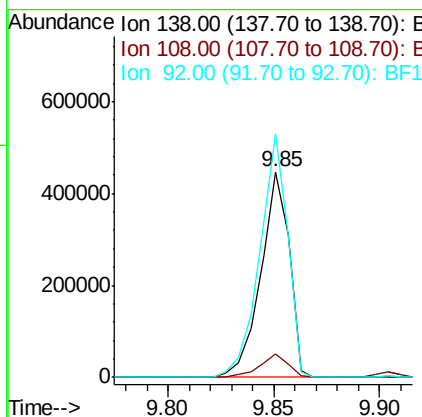
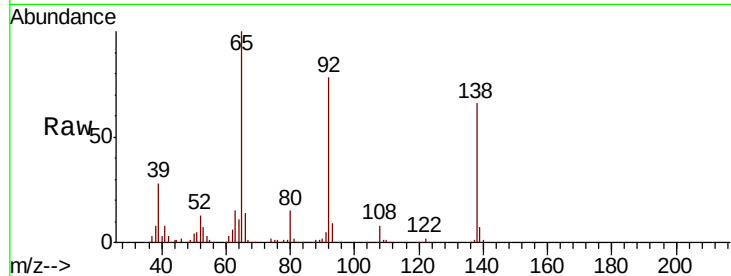




#53
3-Nitroaniline
Concen: 42.611 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

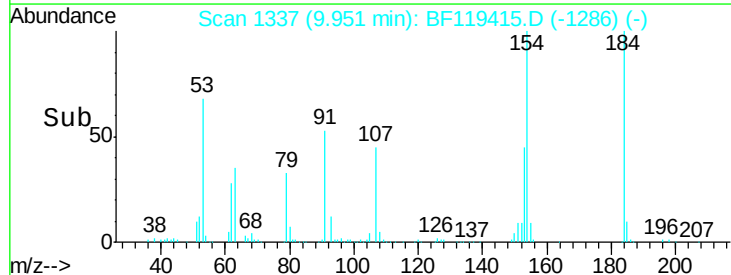
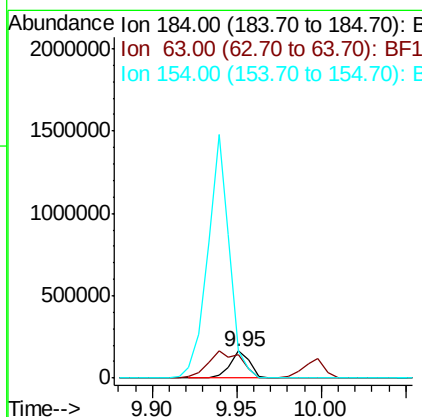
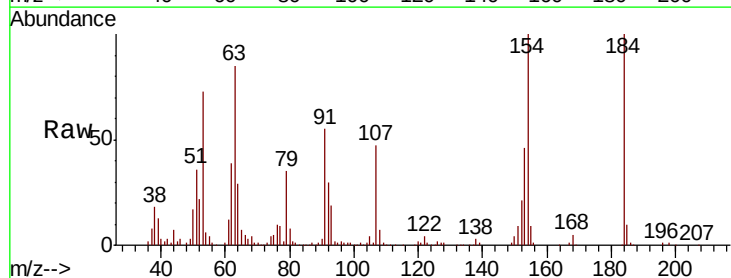
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

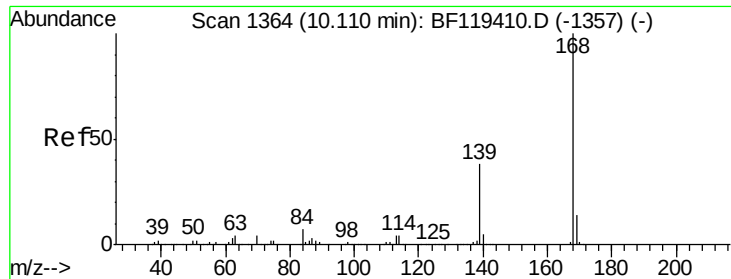
Tot Ion:138 Resp: 420361
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 118.4 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 42.896 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:184 Resp: 132492
Ion Ratio Lower Upper
184 100
63 84.8 58.5 87.7
154 99.8 51.8 77.6#

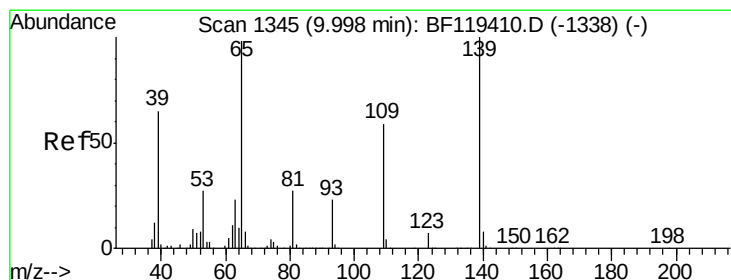
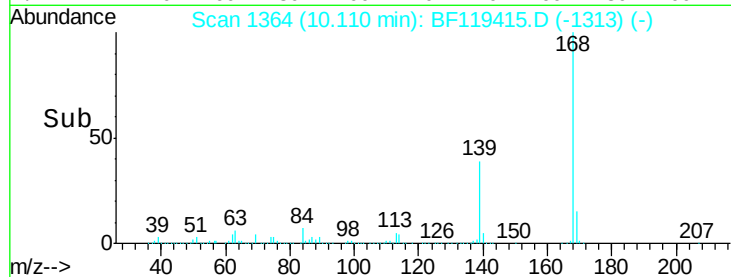
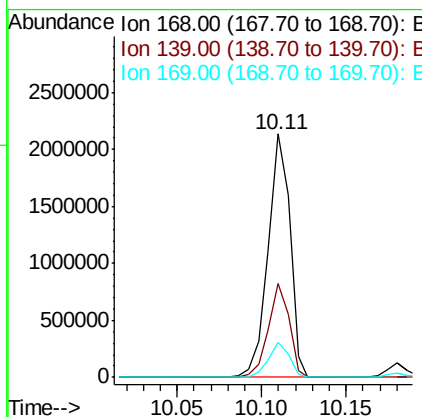
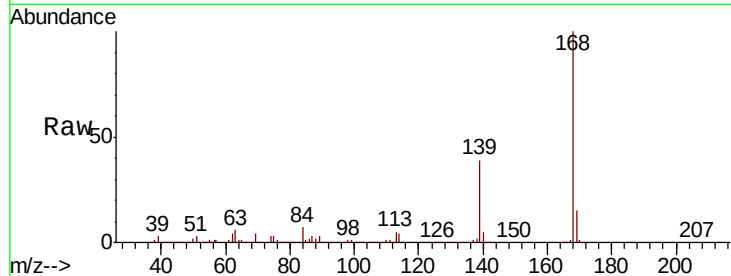




#55
Dibenzofuran
Concen: 41.545 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

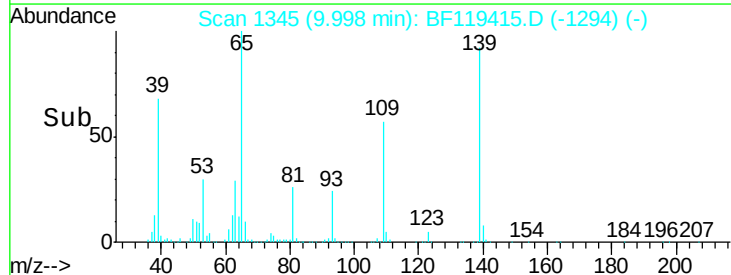
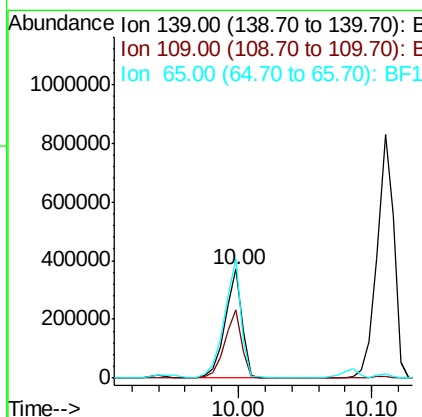
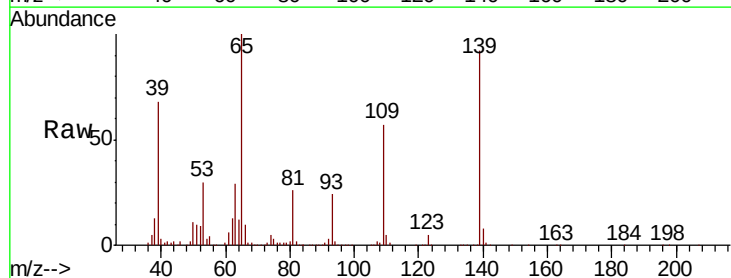
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

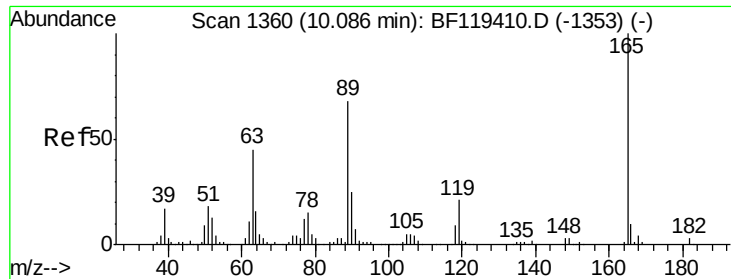
Tot Ion:168 Resp: 1909371
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.4
169 14.5 11.1 16.7



#56
4-Nitrophenol
Concen: 42.967 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:139 Resp: 334385
Ion Ratio Lower Upper
139 100
109 62.2 39.6 79.6
65 109.1 78.3 118.3





#57

2,4-Dinitrotoluene

Concen: 45.246 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:165 Resp: 445381

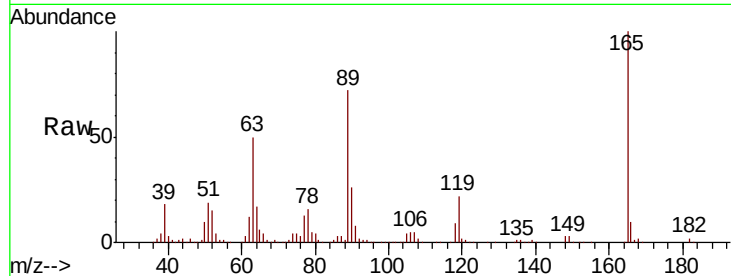
Ion Ratio Lower Upper

165 100

63 50.0 36.2 54.4

89 71.8 54.3 81.5

182 2.4 2.0 3.0

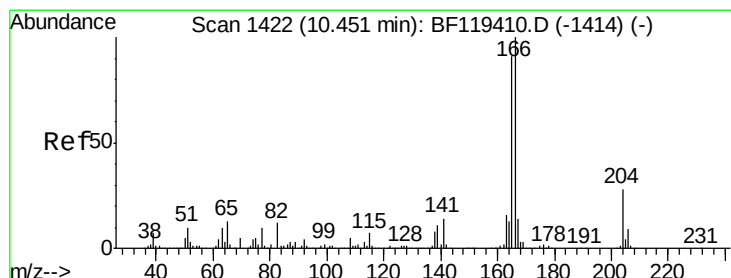
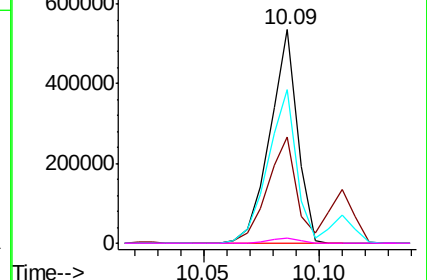
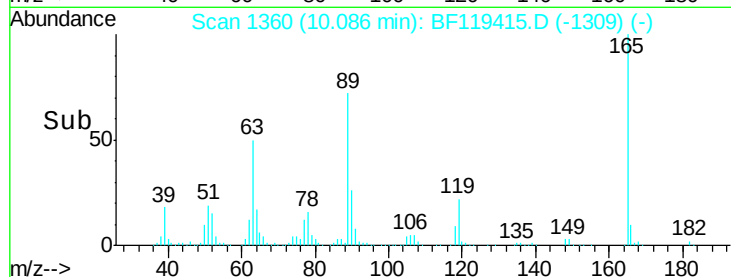


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.641 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

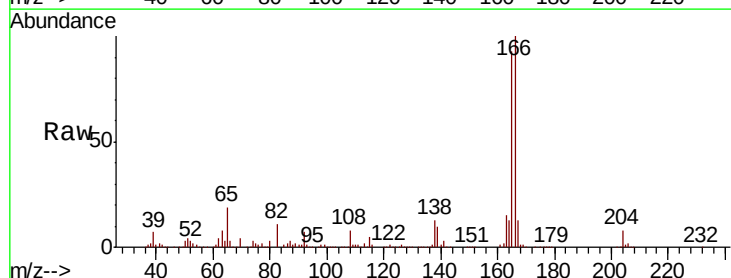
Tgt Ion:166 Resp: 1415202

Ion Ratio Lower Upper

166 100

165 93.0 73.1 109.7

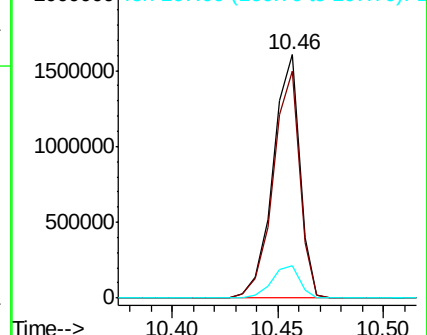
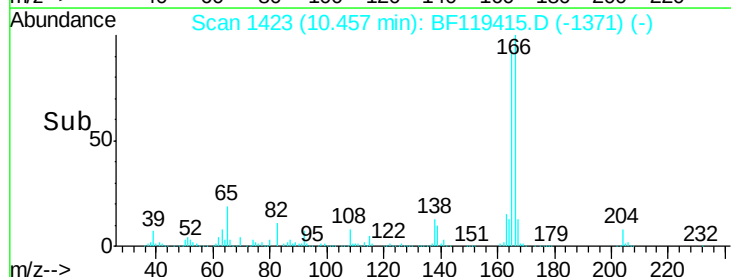
167 13.3 11.0 16.6

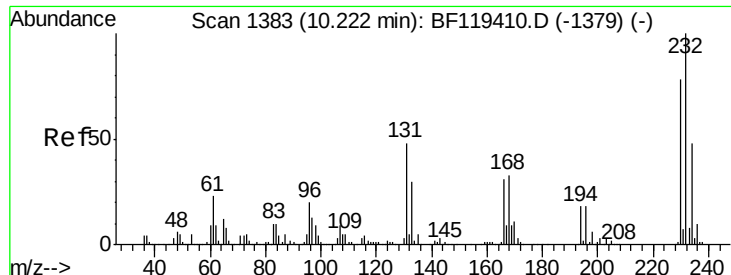


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

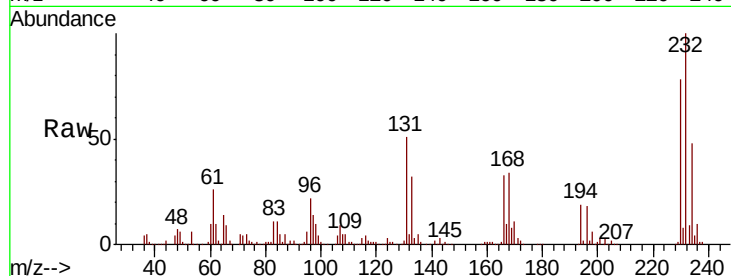




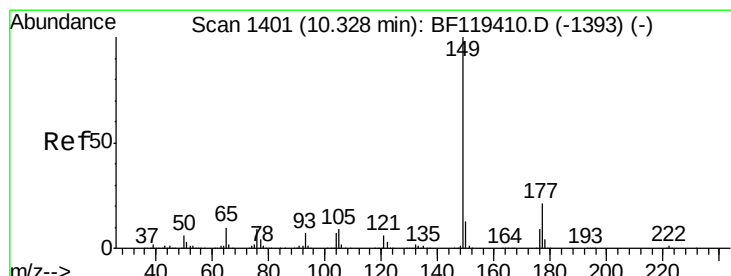
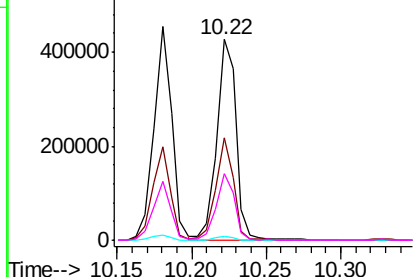
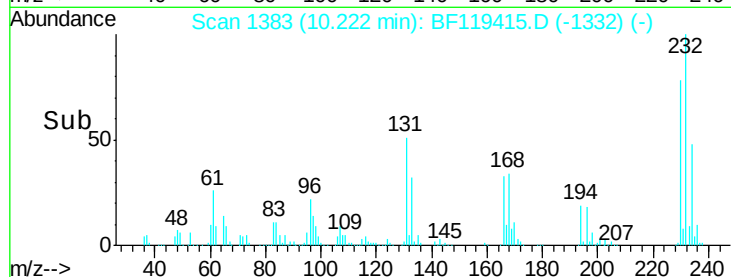
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.014 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:232 Resp: 387750
Ion Ratio Lower Upper
232 100
131 46.7 36.3 54.5
130 2.1 1.8 2.6
166 31.3 24.9 37.3

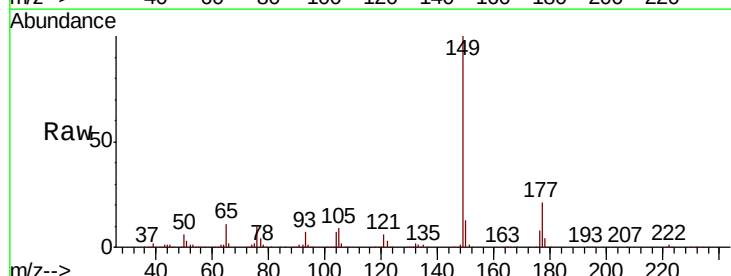


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

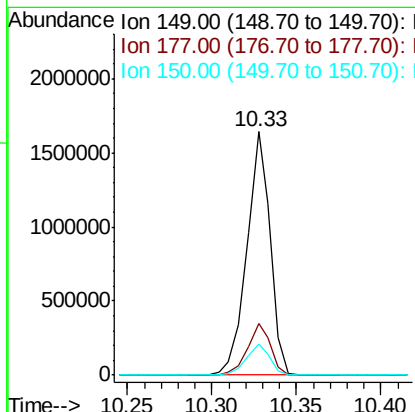
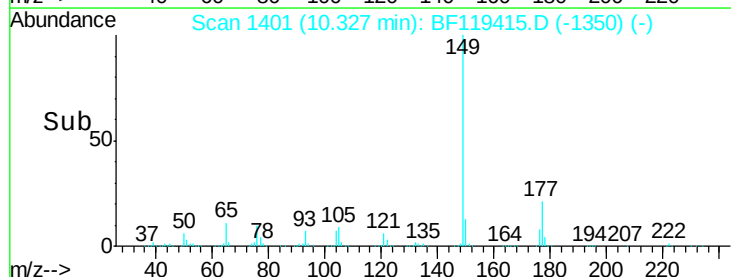


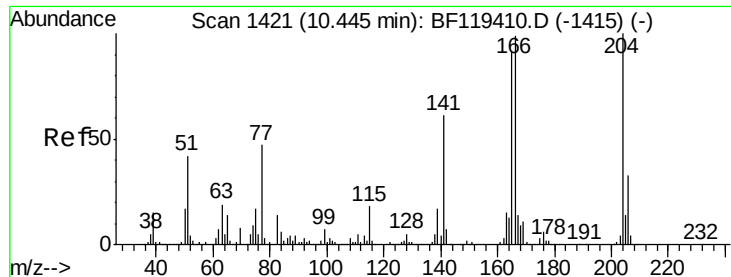
#60
Diethylphthalate
Concen: 42.725 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:149 Resp: 1580865
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.9 10.2 15.4



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

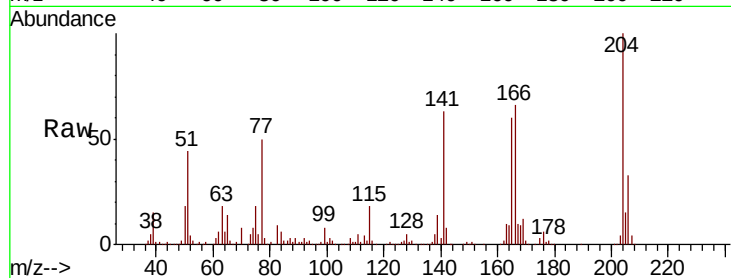




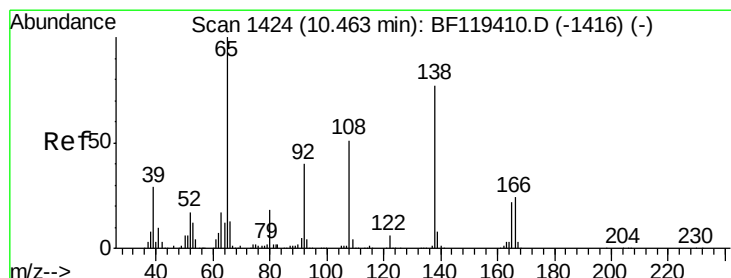
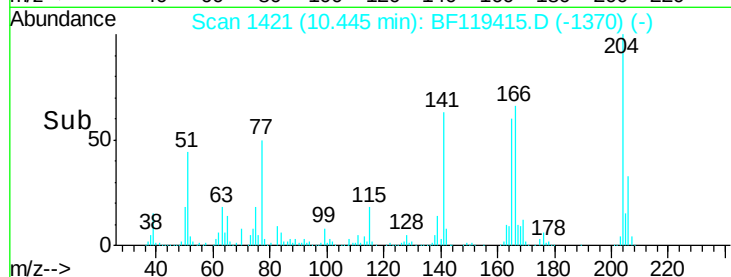
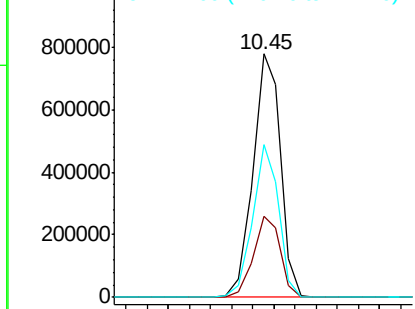
#61
4-Chlorophenyl-phenylether
Concen: 42.354 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:204 Resp: 703916
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 62.6 48.8 73.2

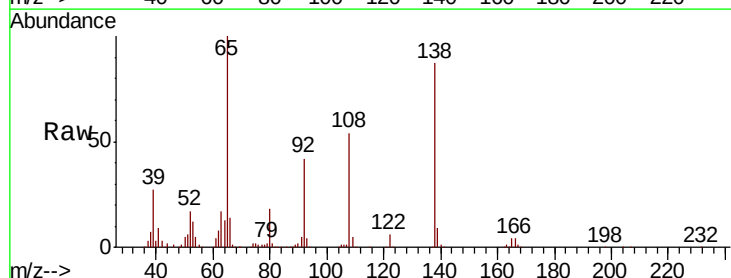


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

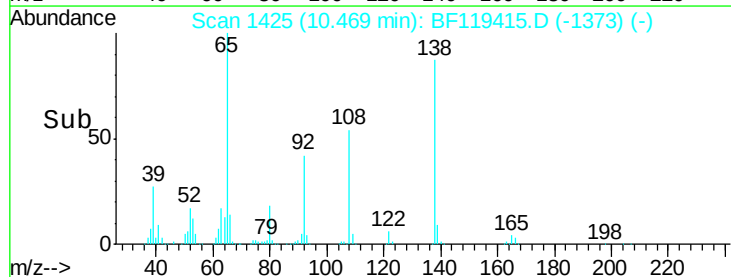
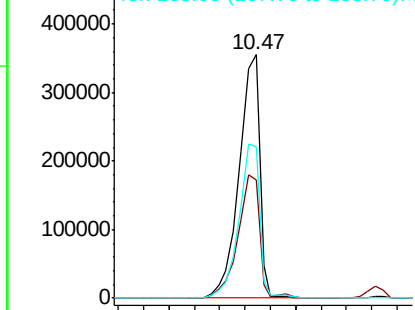


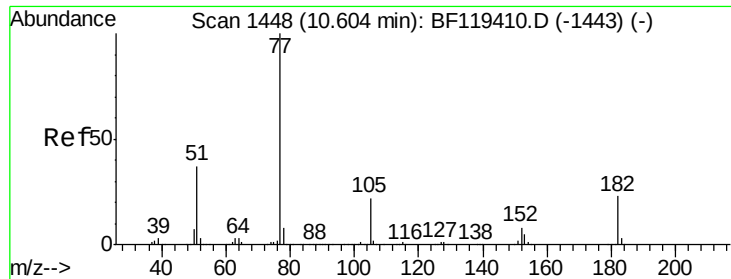
#62
4-Nitroaniline
Concen: 41.972 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:138 Resp: 397053
Ion Ratio Lower Upper
138 100
92 48.4 32.0 72.0
108 62.3 46.0 86.0



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

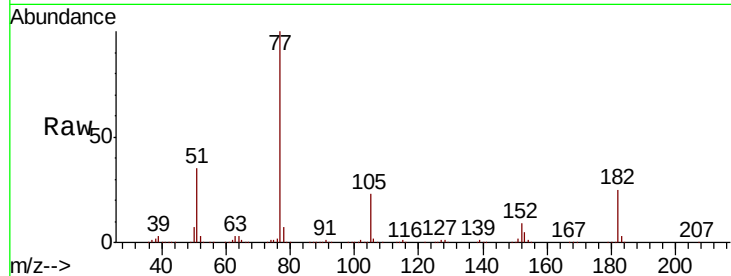




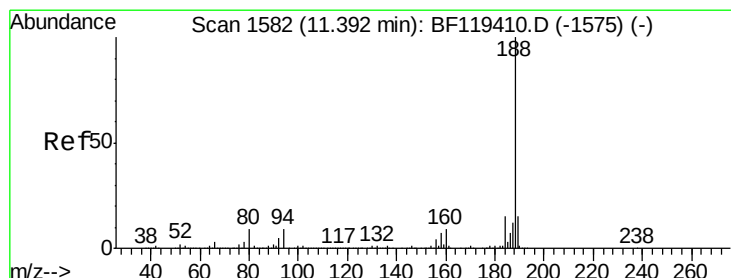
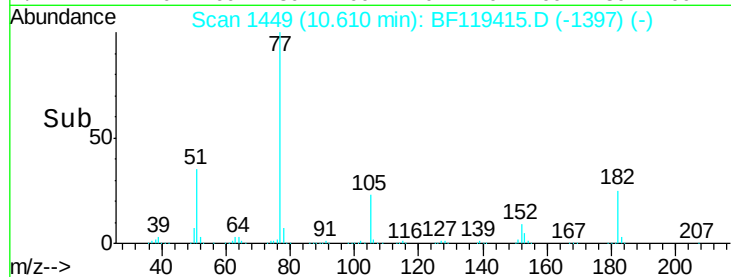
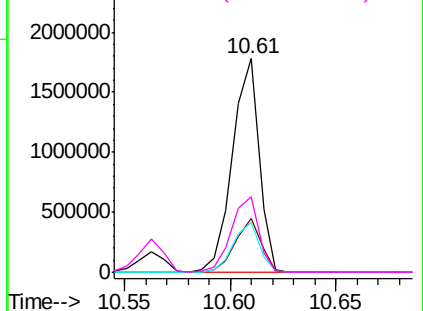
#63
Azobenzene
Concen: 41.633 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion: 77 Resp: 1551261
Ion Ratio Lower Upper
77 100
182 25.2 2.5 42.5
105 23.3 2.5 42.5
51 35.3 17.1 57.1

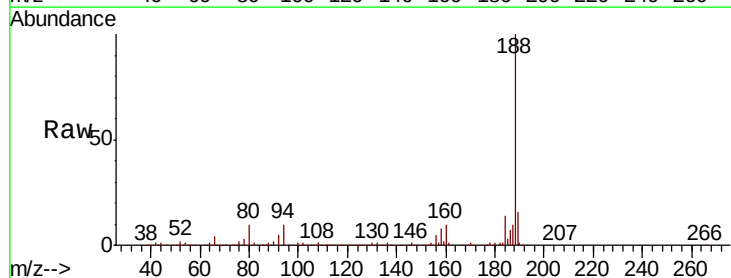


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

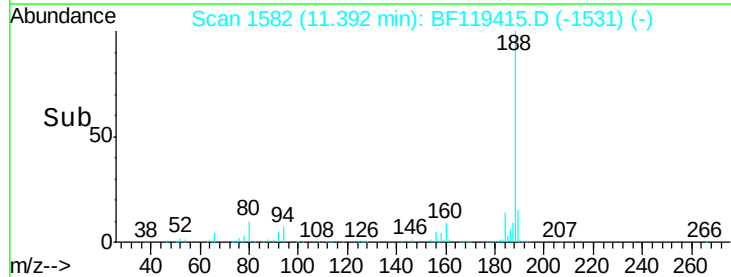
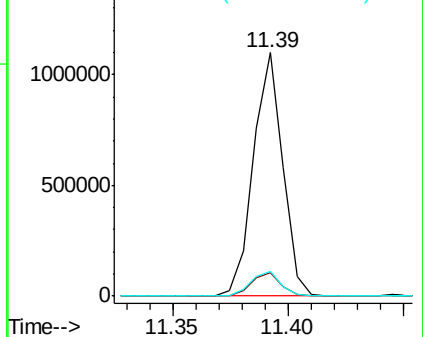


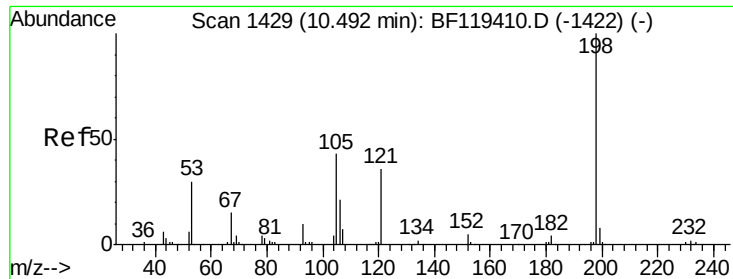
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion: 188 Resp: 977549
Ion Ratio Lower Upper
188 100
94 9.8 7.1 10.7
80 10.2 7.5 11.3



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: 46.020 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

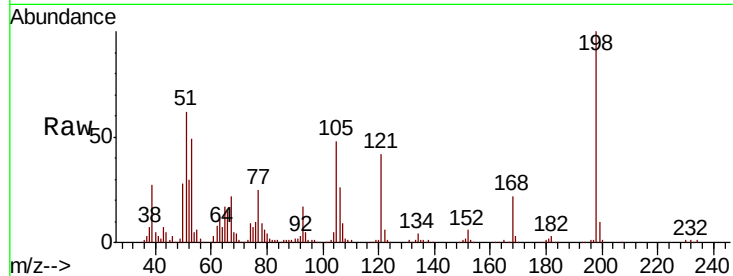
Tot Ion:198 Resp: 188640

Ion Ratio Lower Upper

198 100

51 61.7 33.1 73.1

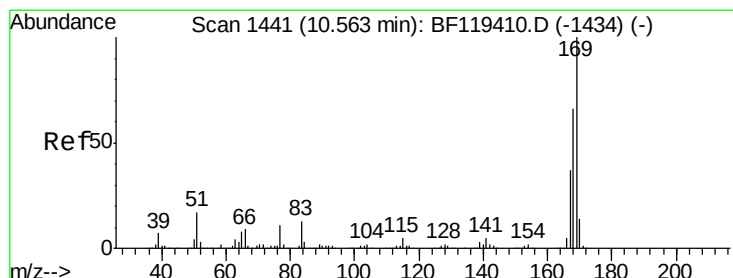
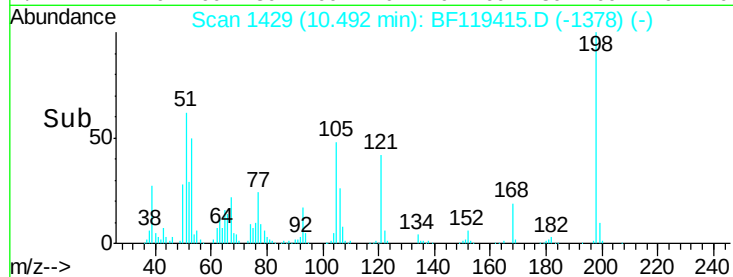
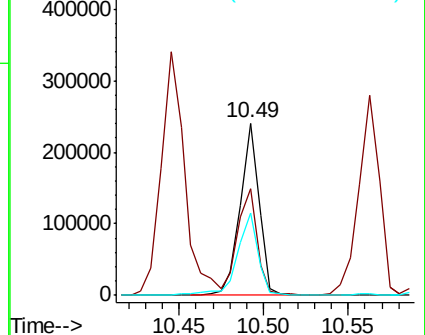
105 47.6 24.1 64.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.086 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

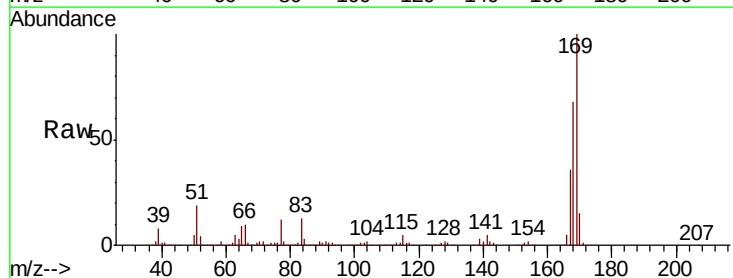
Tgt Ion:169 Resp: 1318498

Ion Ratio Lower Upper

169 100

168 67.6 52.7 79.1

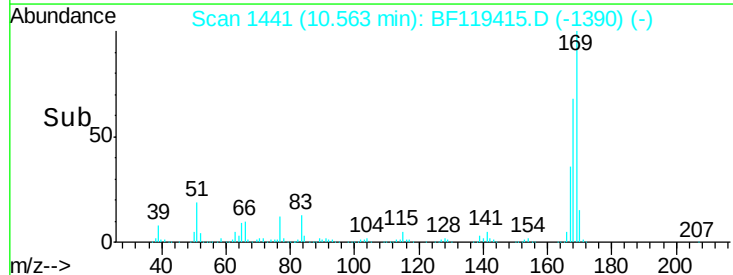
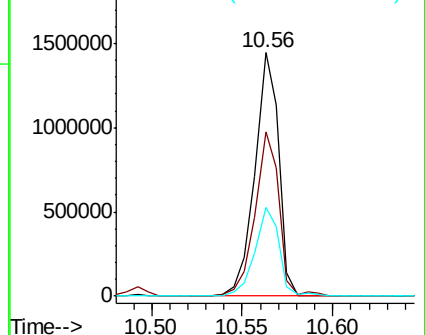
167 36.4 29.3 43.9

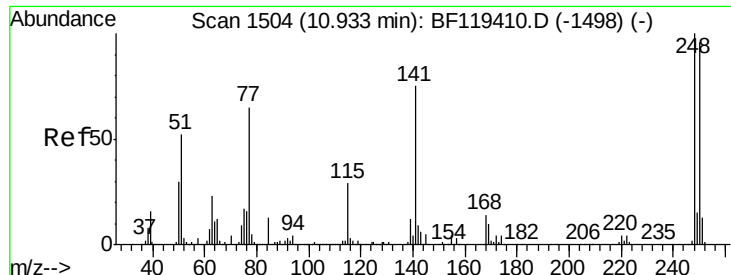


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

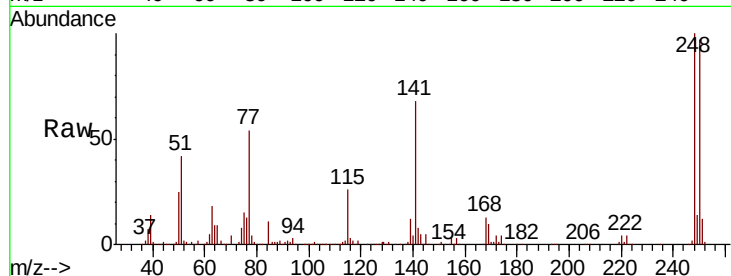




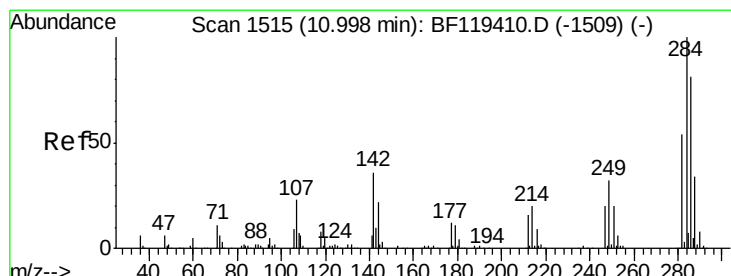
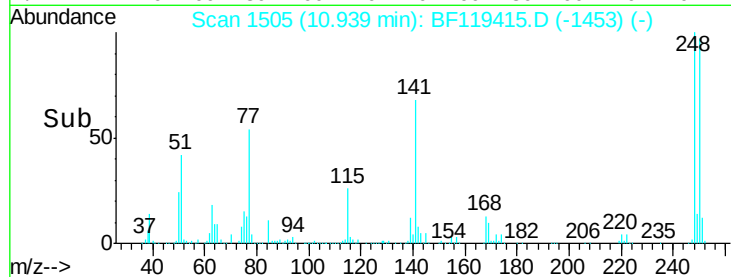
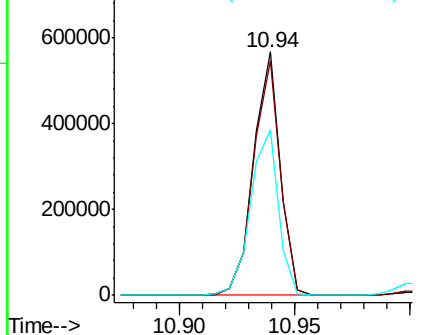
#67
 4-Bromophenyl-phenylether
 Concen: 41.132 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.01 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

Tot Ion:	248	Resp:	457925
Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	68.1	59.7	89.5

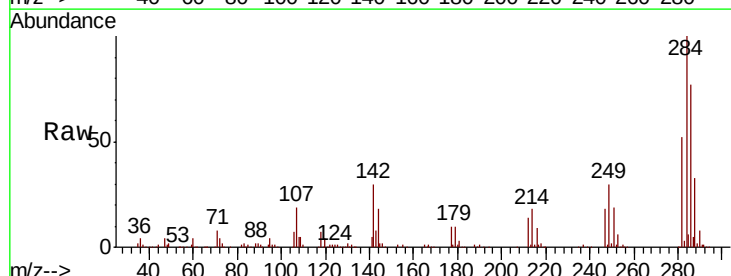


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

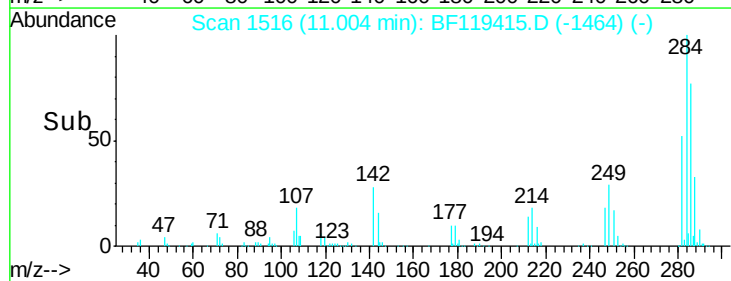
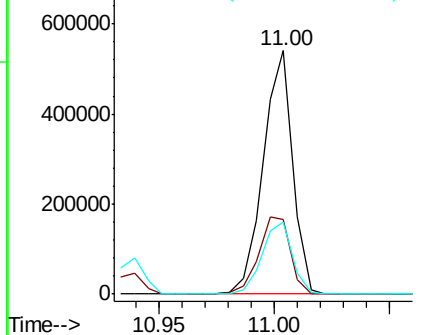


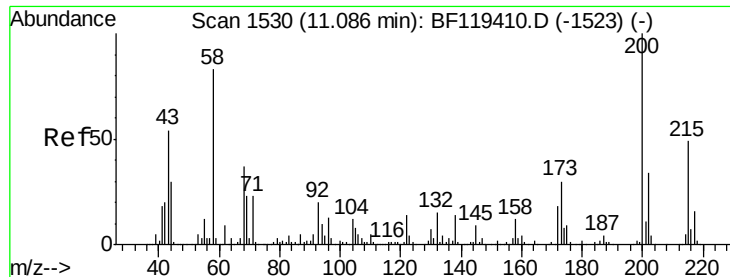
#68
 Hexachlorobenzene
 Concen: 42.029 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion:	284	Resp:	478903
Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.7	43.1
249	29.7	25.4	38.0



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





#69

Atrazine

Concen: 41.239 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

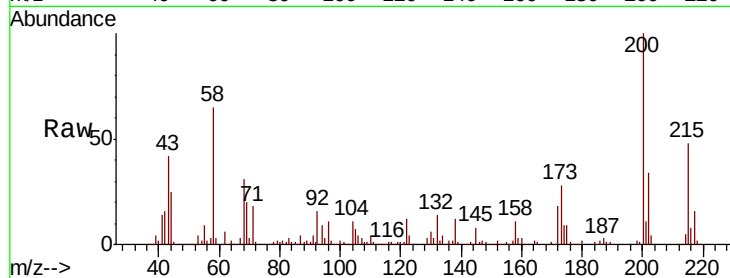
BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:200 Resp: 362817

Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.9	49.9
215	47.7	29.4	69.4

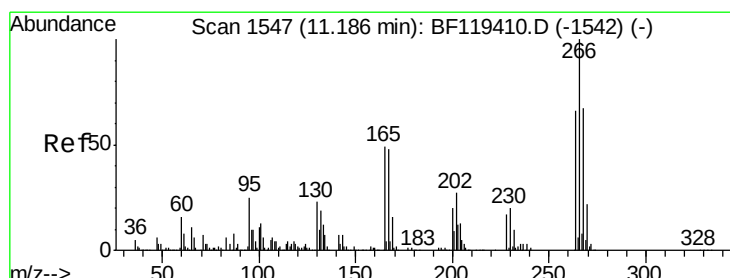
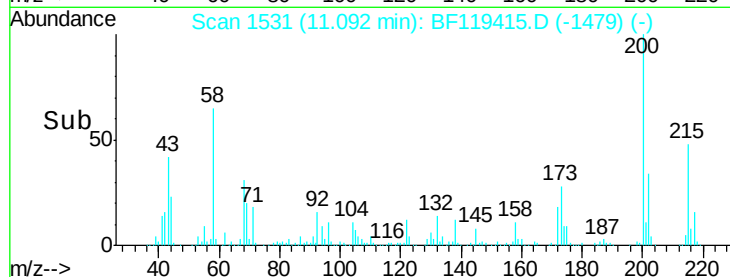
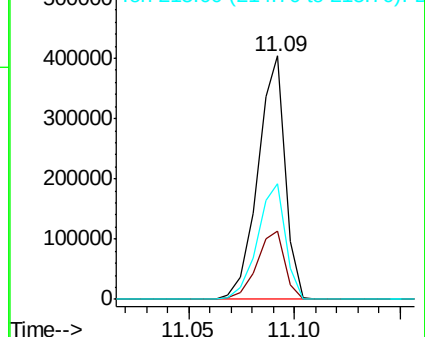


Abundance

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: 42.751 ng

RT: 11.19 min Scan# 1548

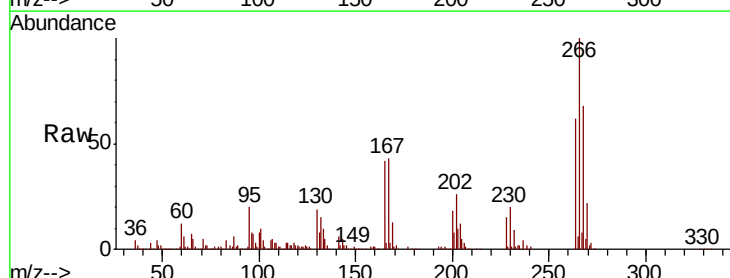
Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:266 Resp: 285626

Ion	Ratio	Lower	Upper
266	100		
268	68.5	53.7	80.5
264	61.5	52.5	78.7

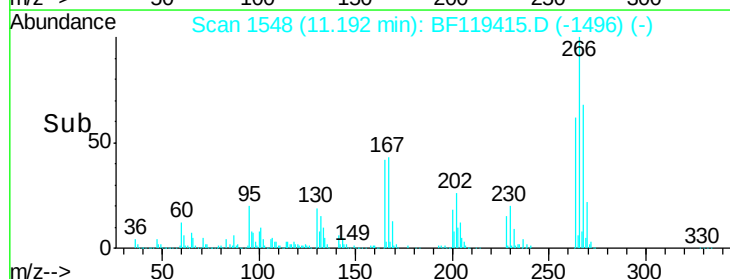
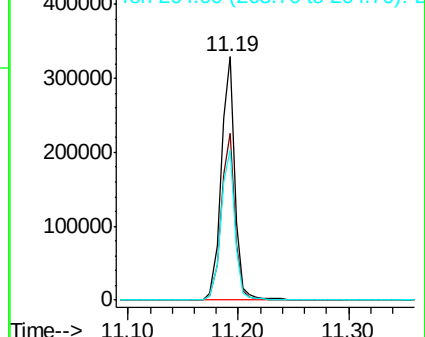


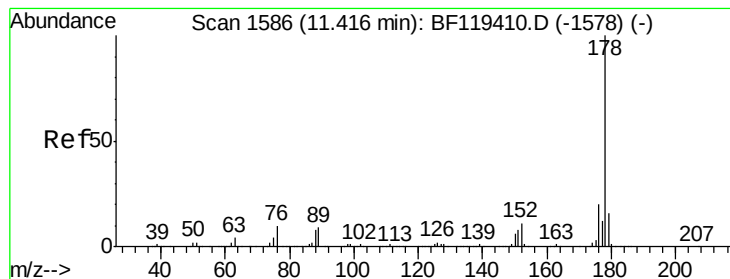
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.501 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

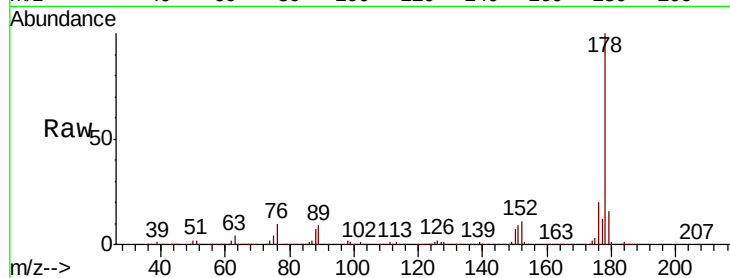
BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:178 Resp: 2103637

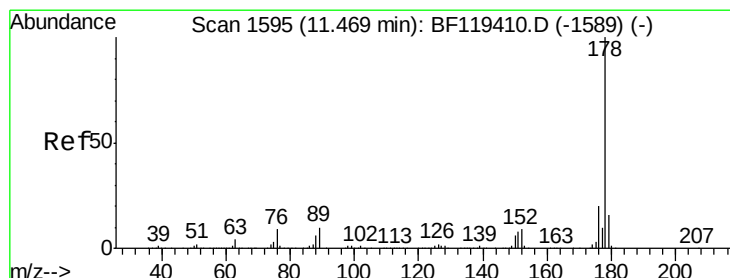
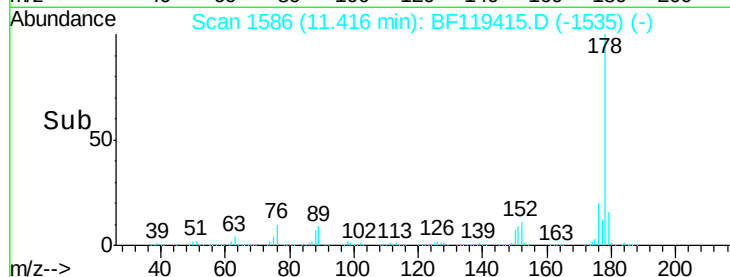
Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	16.4	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.580 ng

RT: 11.47 min Scan# 1595

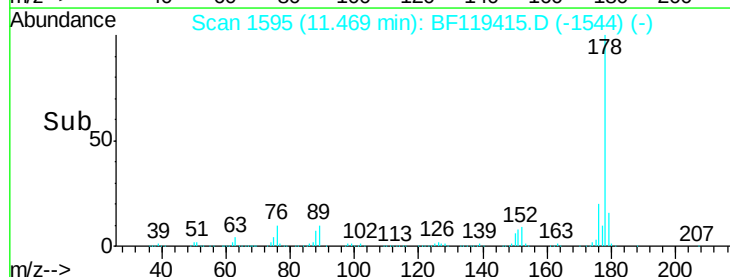
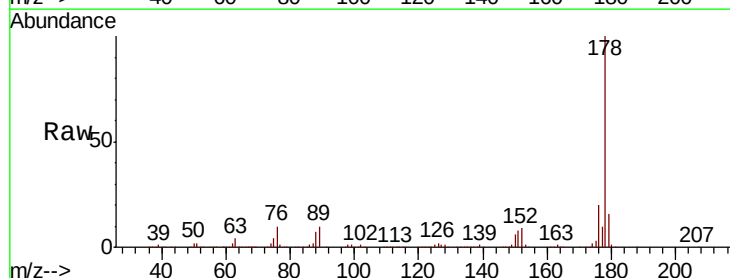
Delta R.T. -0.00 min

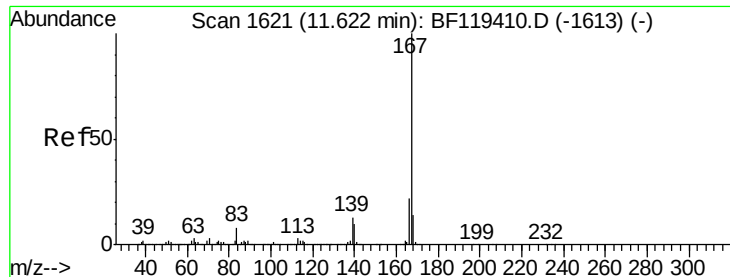
Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:178 Resp: 2142058

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.3	13.1	19.7



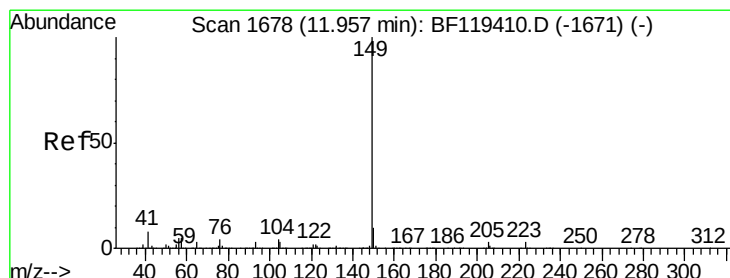
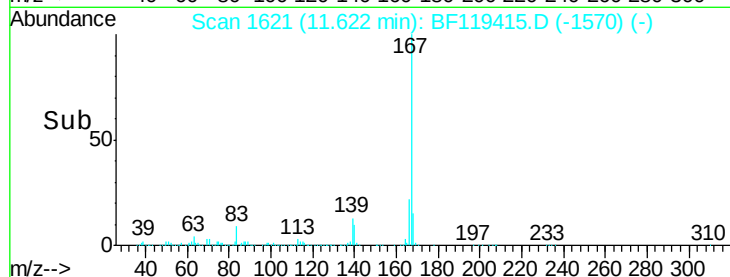
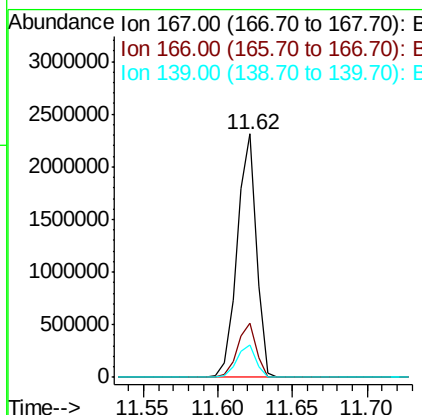
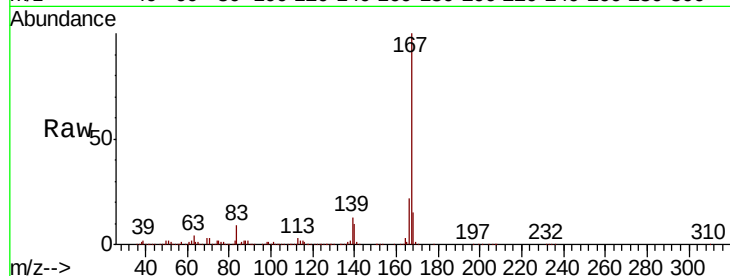


#73
 Carbazole
 Concen: 40.864 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031820

Tot Ion:167 Resp: 2083718

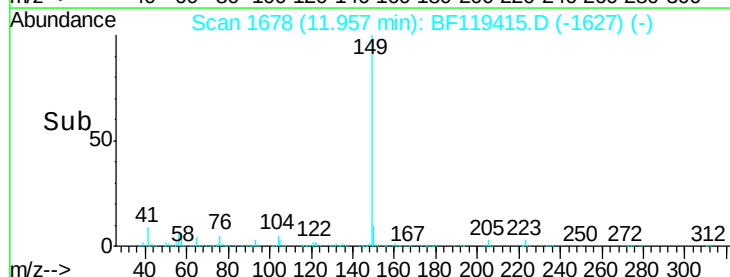
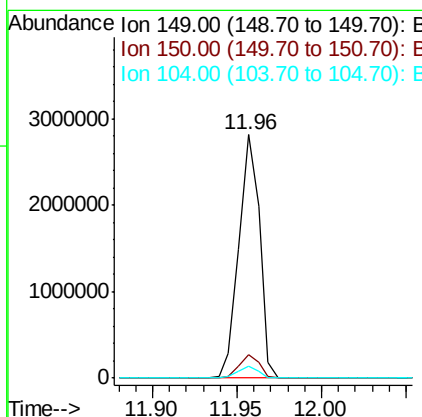
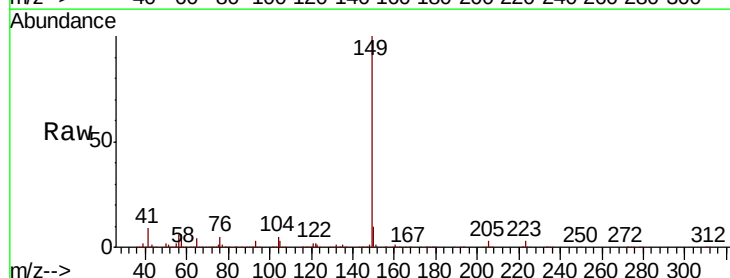
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	13.5	10.2	15.4

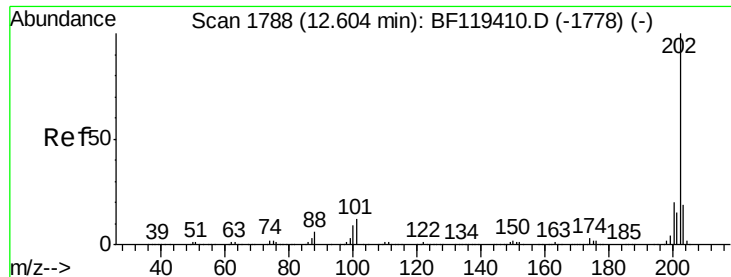


#74
 Di-n-butylphthalate
 Concen: 44.071 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BF119415.D
 Acq: 18 Mar 2020 15:02

Tgt Ion:149 Resp: 2403980

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.9	3.5	5.3

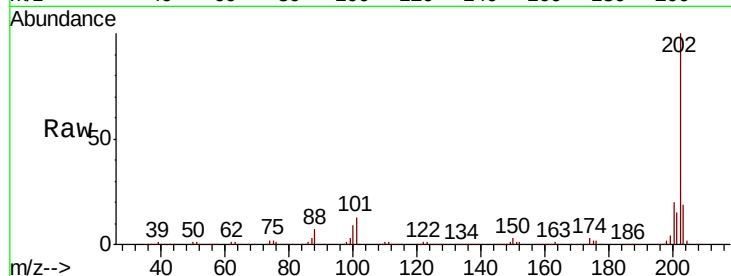




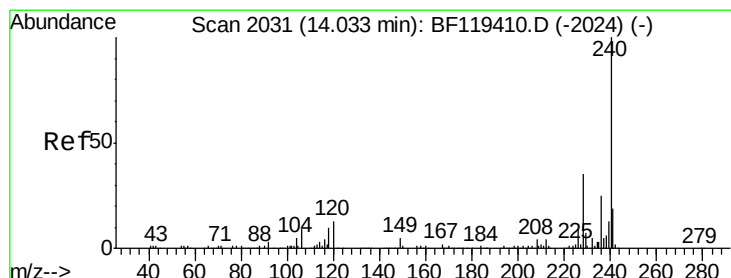
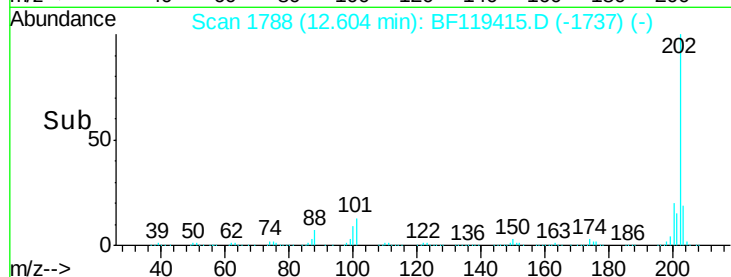
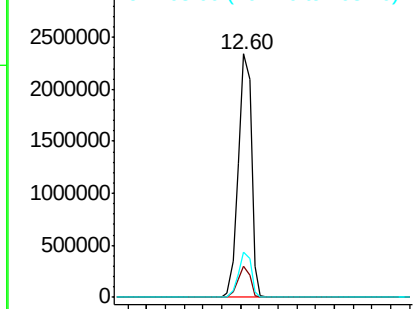
#75
Fluoranthene
Concen: 41.629 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:202 Resp: 2283665
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.4
203 18.7 0.0 38.5

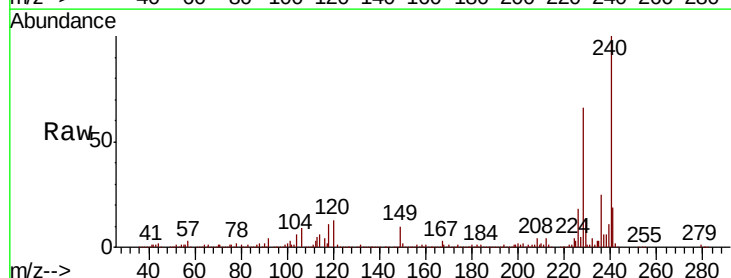


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

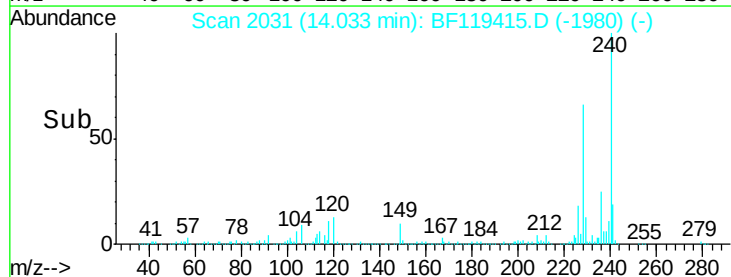
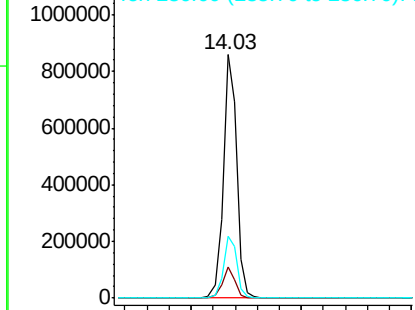


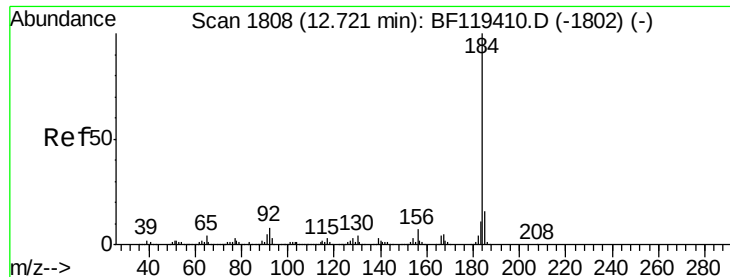
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:240 Resp: 726963
Ion Ratio Lower Upper
240 100
120 12.8 10.2 15.4
236 25.4 20.4 30.6



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: 39.733 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

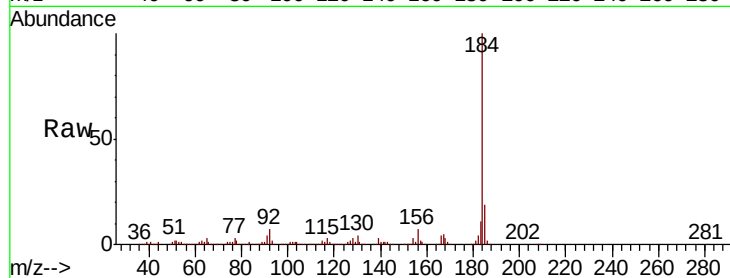
Tot Ion:184 Resp: 1222400

Ion Ratio Lower Upper

184 100

185 19.2 12.9 19.3

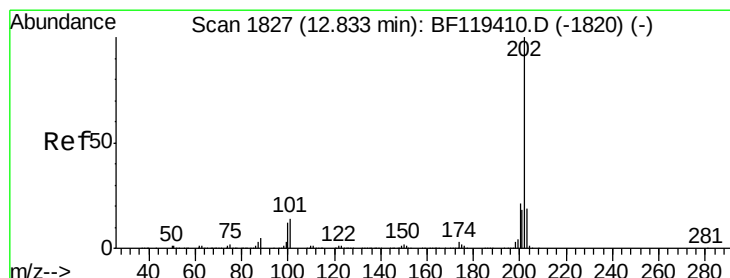
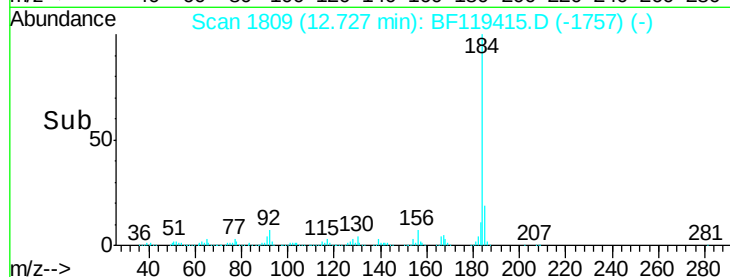
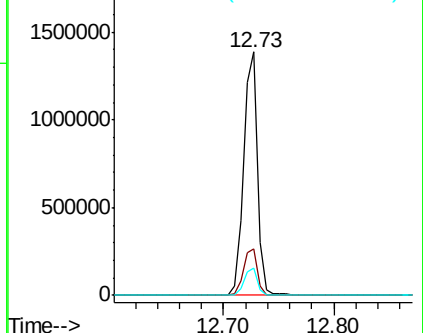
183 11.3 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.371 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

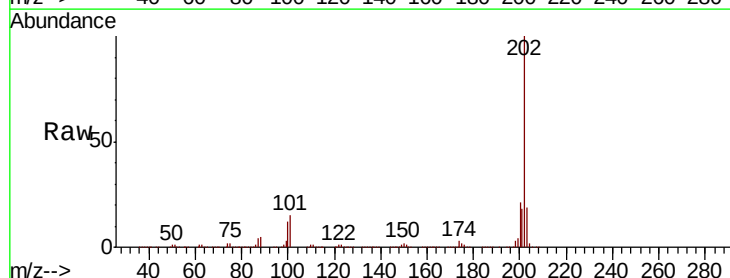
Tgt Ion:202 Resp: 2348940

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

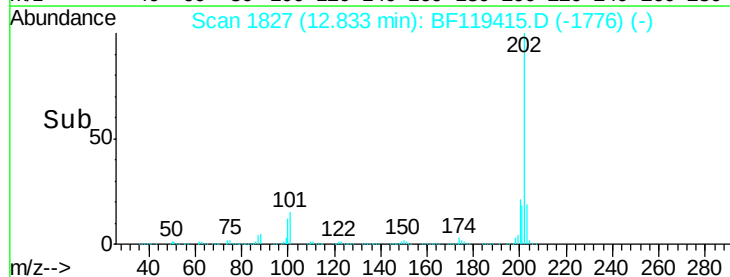
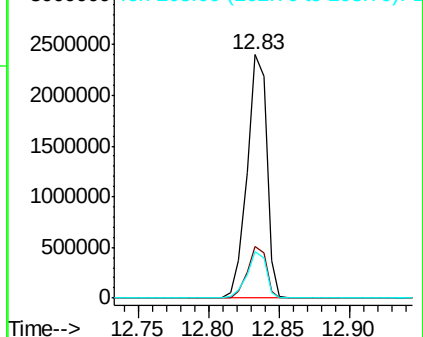
203 19.2 14.8 22.2

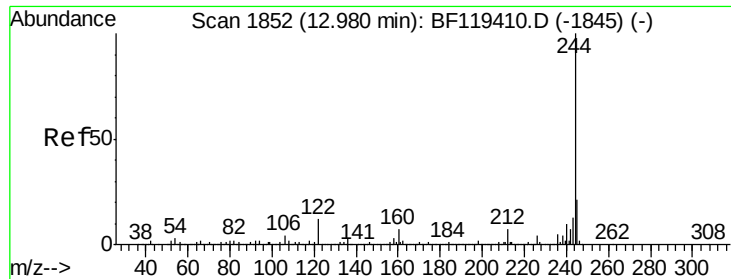


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.683 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

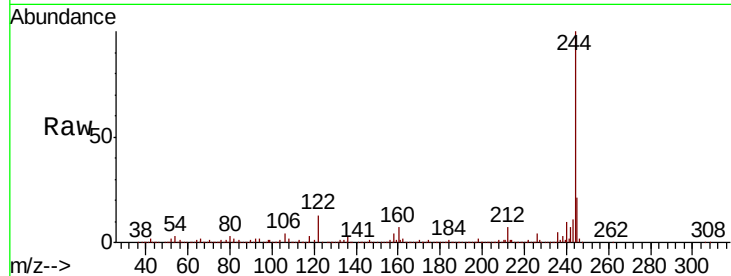
Tot Ion:244 Resp: 2993736

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

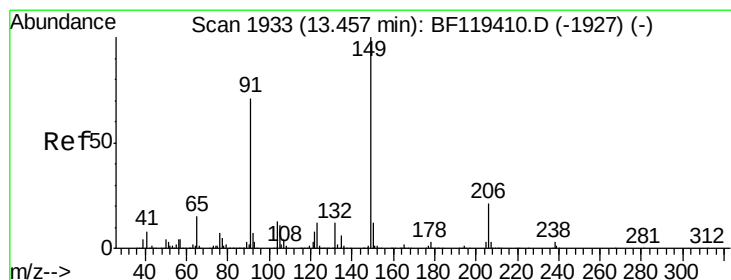
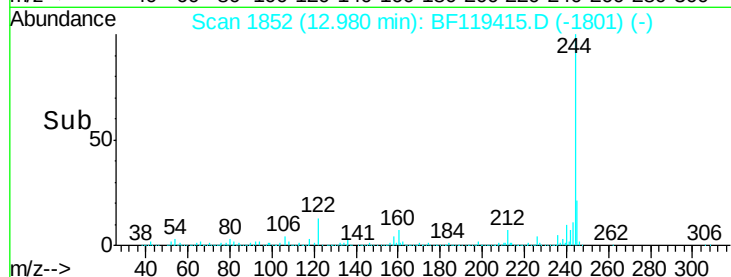
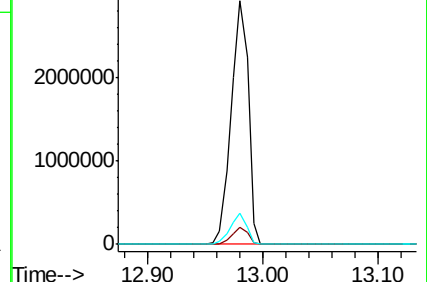
122 13.0 9.8 14.8



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: 42.504 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

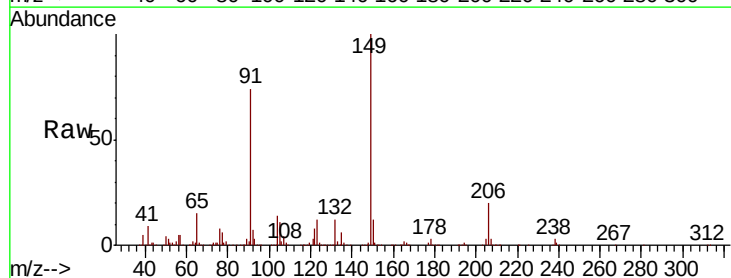
Tgt Ion:149 Resp: 1025632

Ion Ratio Lower Upper

149 100

91 73.6 57.0 85.6

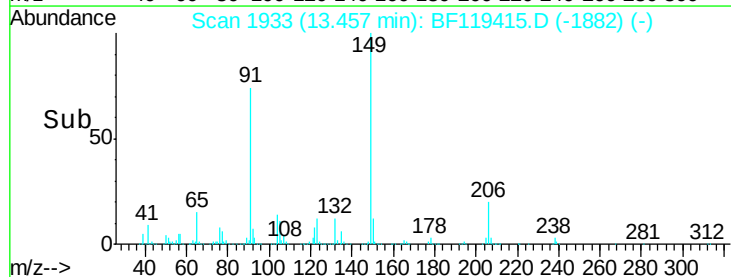
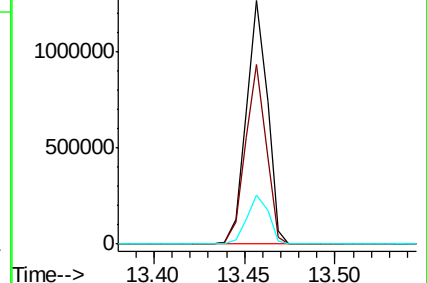
206 20.2 16.4 24.6

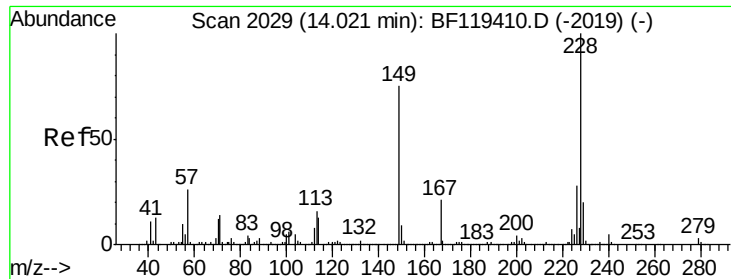


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

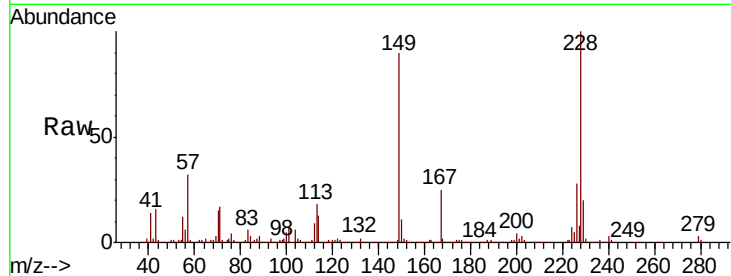




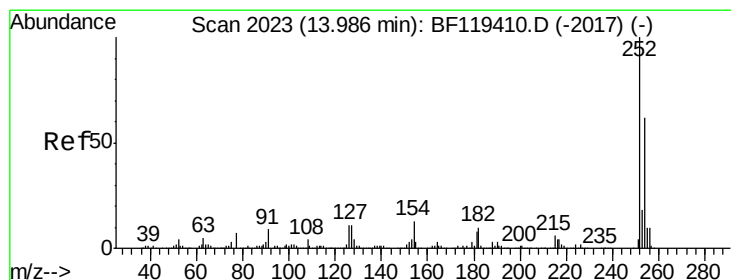
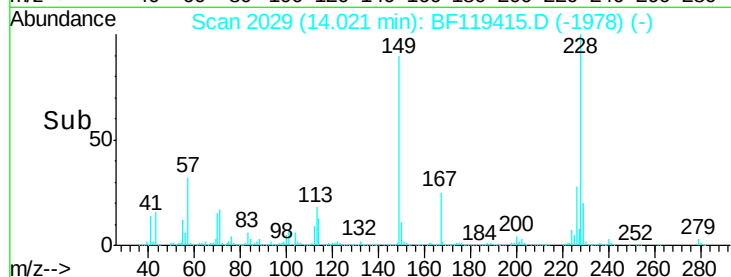
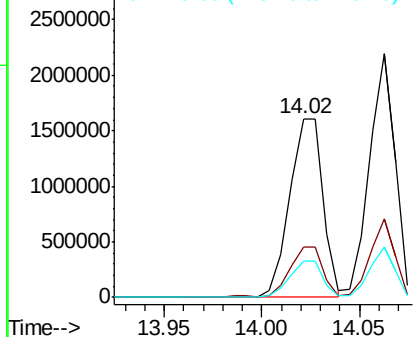
#81
Benzo(a)anthracene
Concen: 40.099 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Instrument :
BNA_F
ClientSampleId :
ICVBF031820

Tot Ion:228 Resp: 1895605
Ion Ratio Lower Upper
228 100
226 28.4 22.3 33.5
229 20.5 16.3 24.5

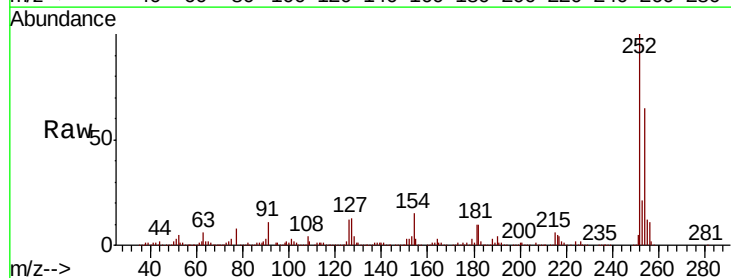


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

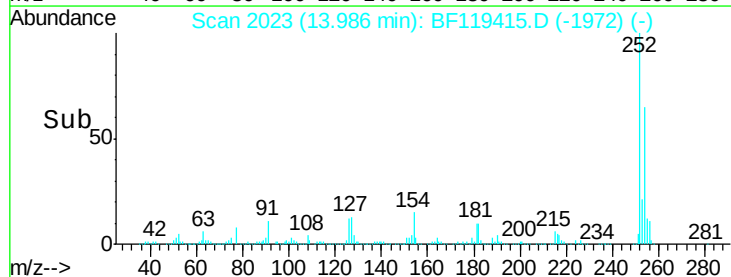
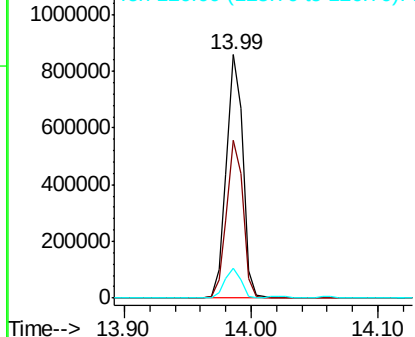


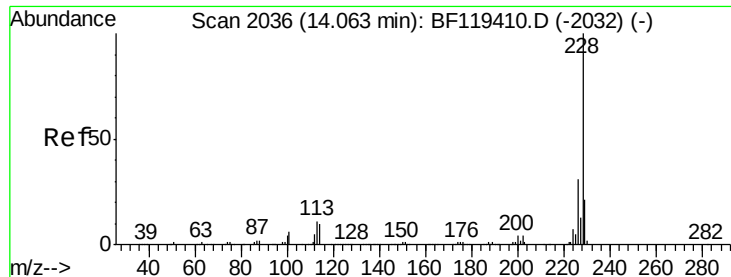
#82
3,3'-Dichlorobenzidine
Concen: 41.561 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:252 Resp: 774669
Ion Ratio Lower Upper
252 100
254 64.7 49.8 74.8
126 12.4 8.9 13.3



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: 41.017 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

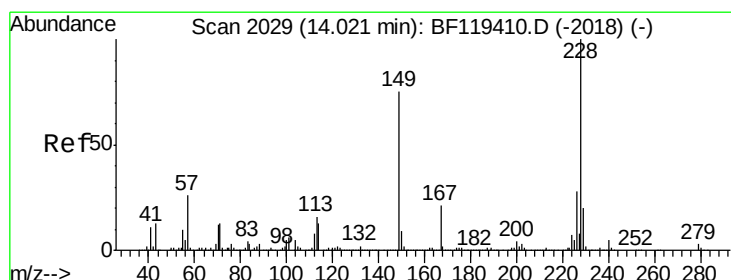
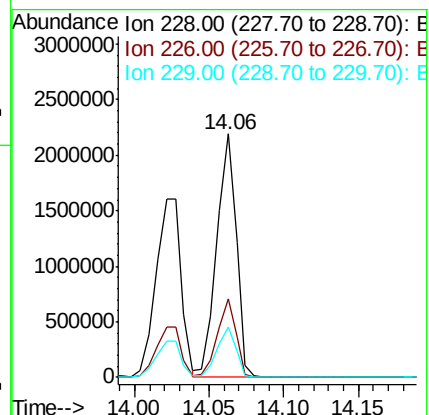
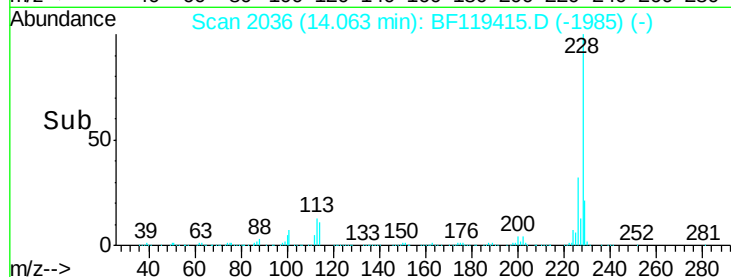
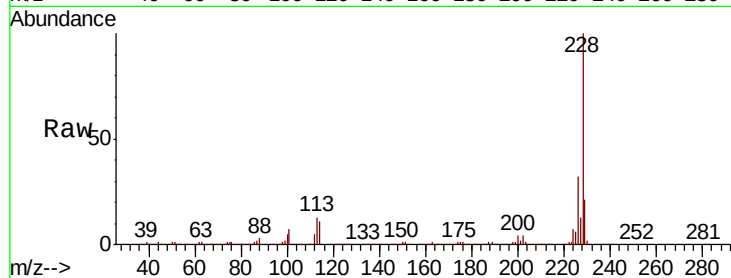
BNA_F

ClientSampleID :

ICVBF031820

Tot Ion:228 Resp: 2001122

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	20.6	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.468 ng

RT: 14.02 min Scan# 2029

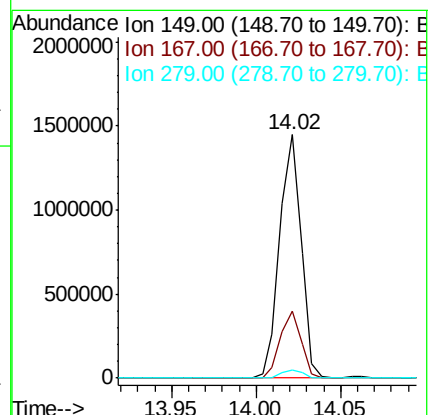
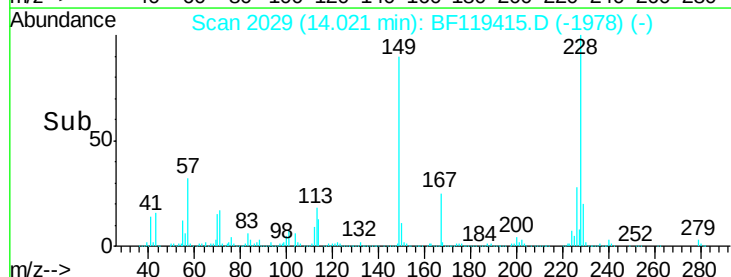
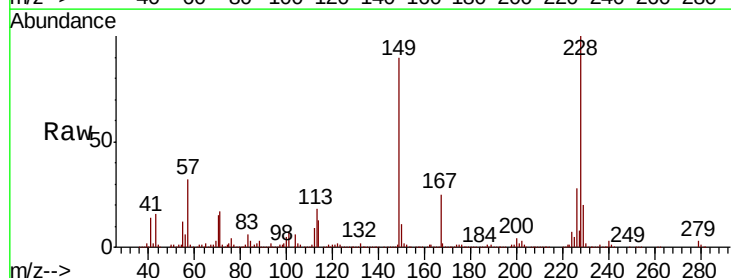
Delta R.T. -0.00 min

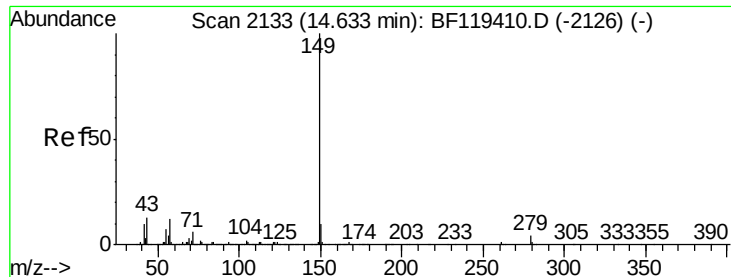
Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:149 Resp: 1279124

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.0	33.0
279	3.6	3.2	4.8

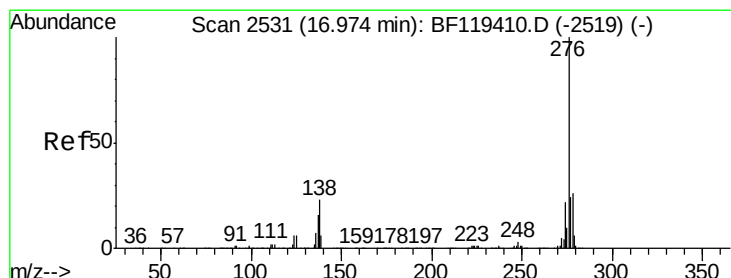
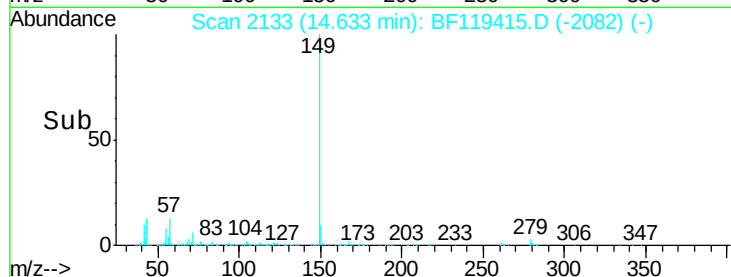
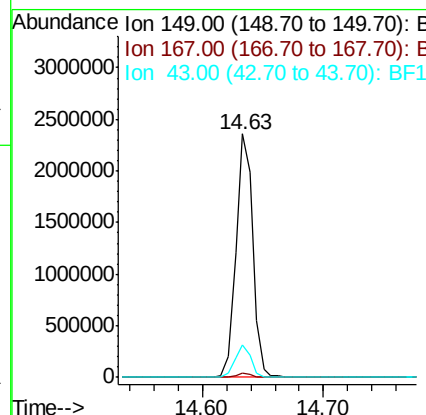
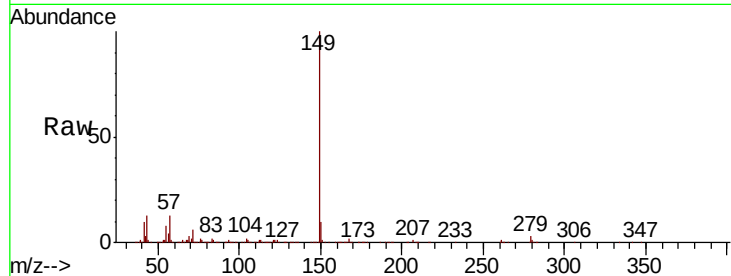




#85
Di-n-octyl phthalate
Concen: 45.139 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

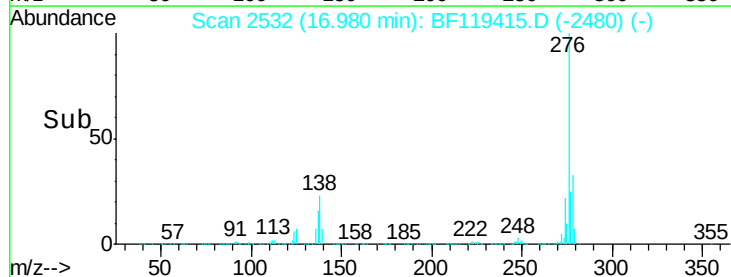
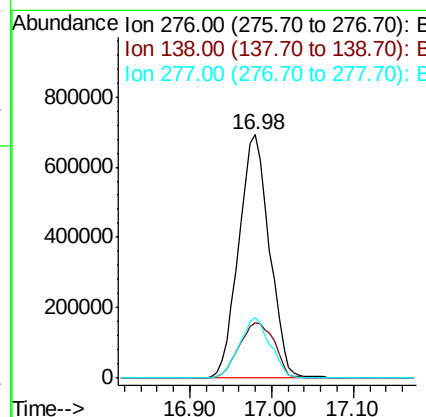
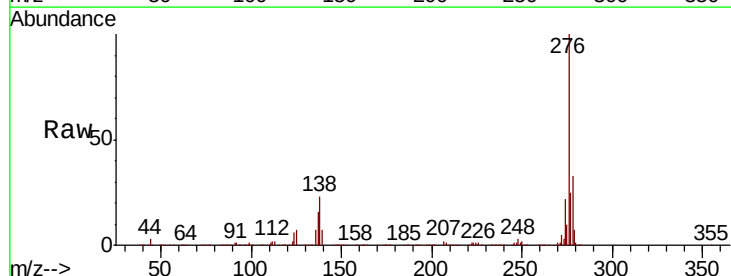
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

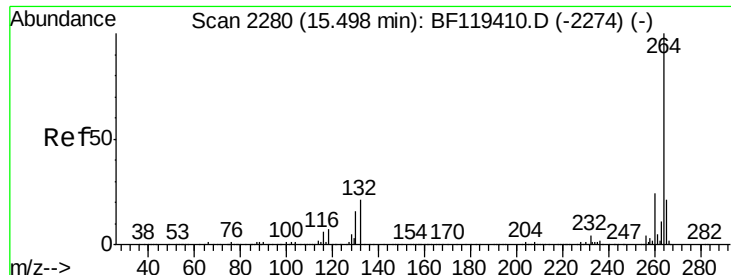
Tot Ion:149 Resp: 2283565
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.6 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.498 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:276 Resp: 1814865
Ion Ratio Lower Upper
276 100
138 26.3 21.3 31.9
277 24.8 20.2 30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

BNA_F

ClientSampleId :

ICVBF031820

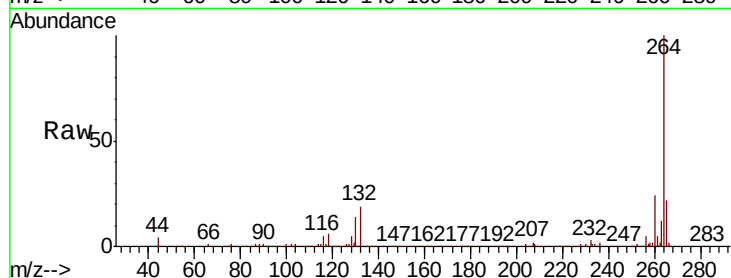
Tot Ion:264 Resp: 716134

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

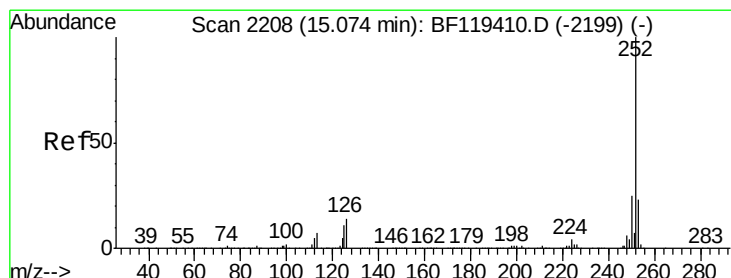
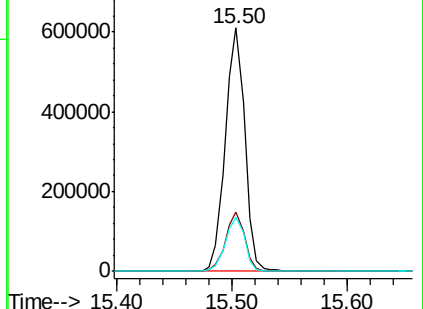
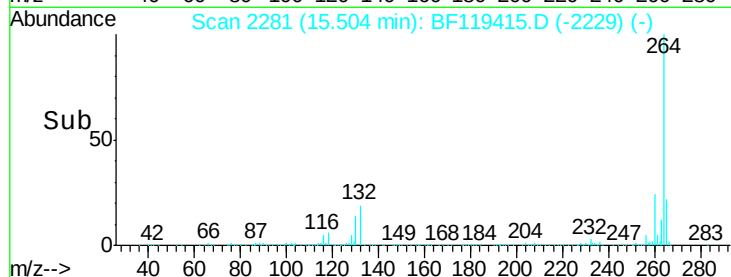
265 22.1 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.809 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

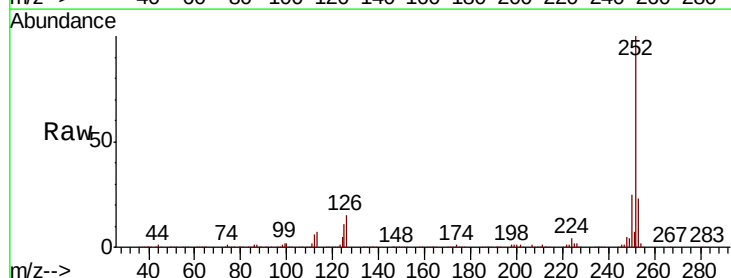
Tgt Ion:252 Resp: 2047870

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

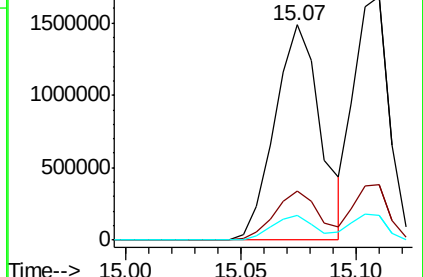
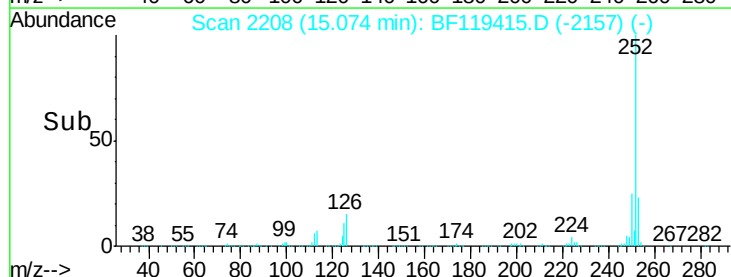
125 11.3 8.8 13.2

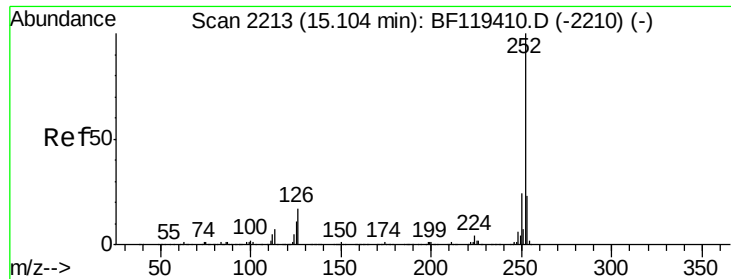


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

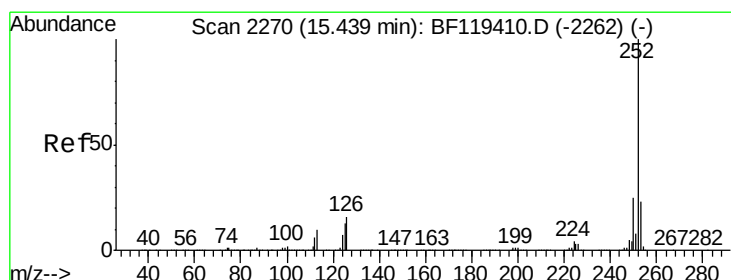
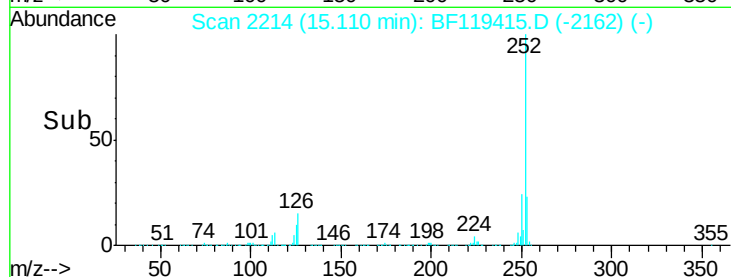
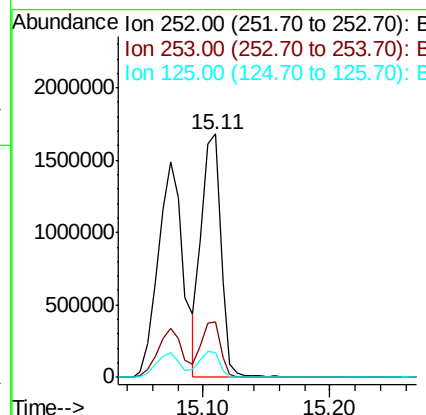
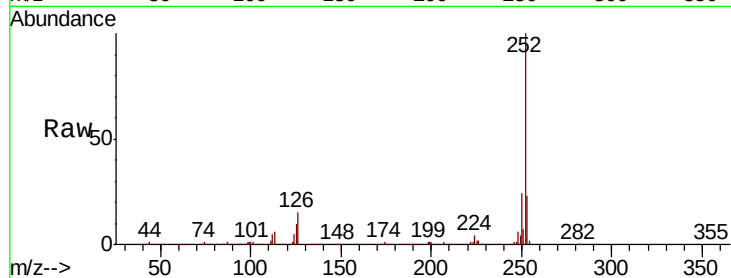




#89
Benzo(k)fluoranthene
Concen: 39.334 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

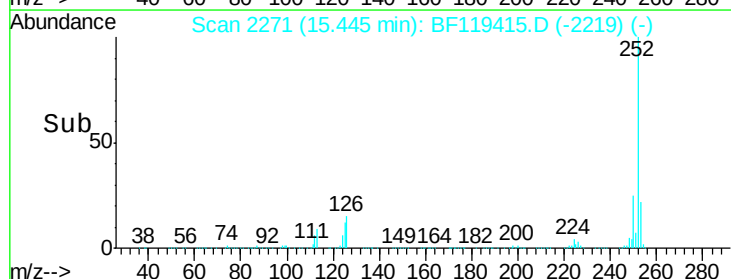
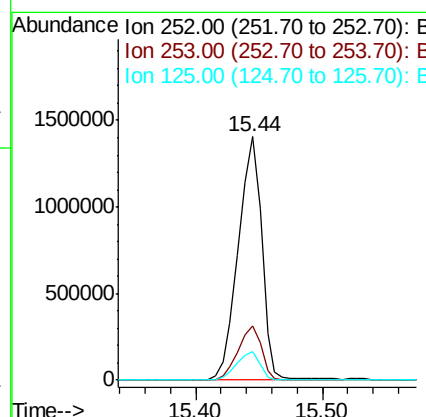
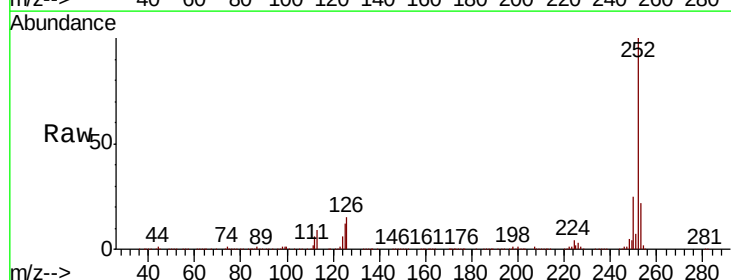
Instrument :
BNA_F
ClientSampleId :
ICVBF031820

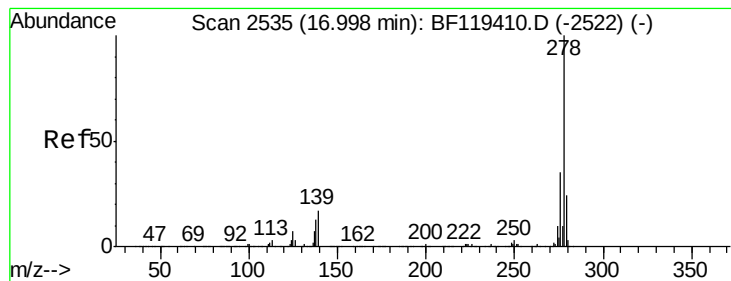
Tot Ion:252 Resp: 1791714
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.0 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.420 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF119415.D
Acq: 18 Mar 2020 15:02

Tgt Ion:252 Resp: 1800719
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.9 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 39.748 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Instrument :

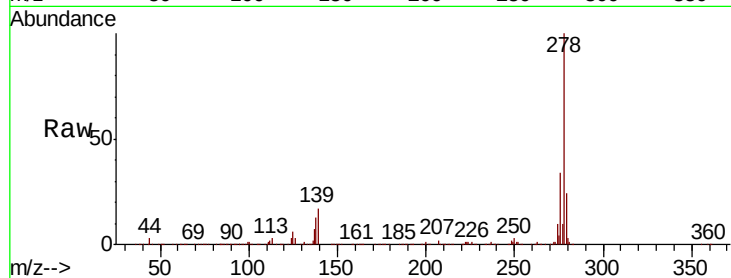
BNA_F

ClientSampleId :

ICVBF031820

Tot Ion:278 Resp: 1511437

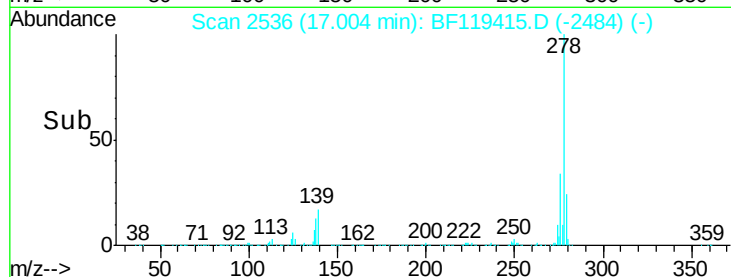
Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	23.5	19.2	28.8



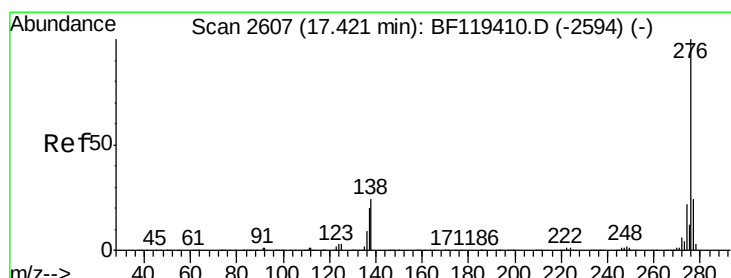
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 37.570 ng

RT: 17.43 min Scan# 2608

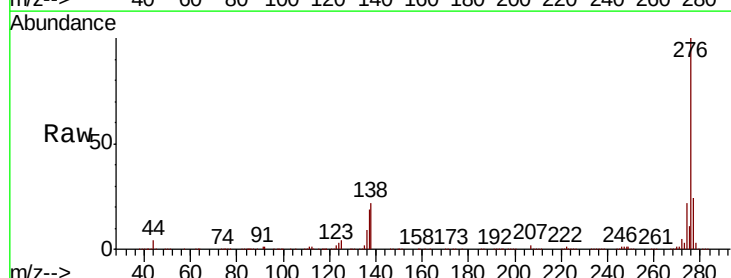
Delta R.T. 0.01 min

Lab File: BF119415.D

Acq: 18 Mar 2020 15:02

Tgt Ion:276 Resp: 1435210

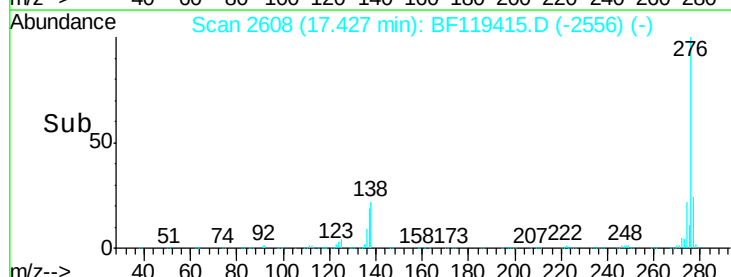
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	22.3	19.1	28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->