

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
 Data File : BF119417.D
 Acq On : 18 Mar 2020 15:59
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 19 01:15:48 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	276677	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1028396	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	517776	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	944940	20.00	ng	0.00
76) Chrysene-d12	14.03	240	647331	20.00	ng	0.00
87) Perylene-d12	15.50	264	554213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1423945	81.93	ng	0.00
7) Phenol-d6	6.47	99	1831237	82.48	ng	0.00
23) Nitrobenzene-d5	7.42	82	1584730	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	455636	85.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2765432	79.13	ng	0.00
79) Terphenyl-d14	12.98	244	2852765	86.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	349918	40.764	ng	98
3) Pyridine	3.34	79	944924	39.957	ng	99
4) n-Nitrosodimethylamine	3.29	42	461357	40.005	ng	97
6) Aniline	6.52	93	1241424	40.514	ng	99
8) 2-Chlorophenol	6.64	128	773512	42.375	ng	100
9) Benzaldehyde	6.40	77	606065	43.031	ng	100
10) Phenol	6.49	94	966254	40.787	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	793973	41.905	ng	98
12) 1,3-Dichlorobenzene	6.80	146	829024	41.962	ng	99
13) 1,4-Dichlorobenzene	6.87	146	830996	42.051	ng	99
14) 1,2-Dichlorobenzene	7.03	146	778839	42.165	ng	99
15) Benzyl Alcohol	6.99	79	702837	42.084	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1626885	42.569	ng	100
17) 2-Methylphenol	7.10	107	695184	41.565	ng	97
18) Hexachloroethane	7.37	117	308089	42.542	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	556644	41.596	ng	99
20) 3+4-Methylphenols	7.26	107	861566	42.033	ng	99
22) Acetophenone	7.27	105	992612	40.394	ng	99
24) Nitrobenzene	7.44	77	828080	40.949	ng	99
25) Isophorone	7.68	82	1544505	40.237	ng	99
26) 2-Nitrophenol	7.76	139	355715	44.675	ng	97
27) 2,4-Dimethylphenol	7.79	122	676826	41.109	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	922383	40.637	ng	99
29) 2,4-Dichlorophenol	7.99	162	617066	40.790	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	694986	41.542	ng	100
31) Naphthalene	8.16	128	2165976	40.927	ng	99
32) Benzoic acid	7.90	122	471129	44.486	ng	98
33) 4-Chloroaniline	8.21	127	960326	39.601	ng	99
34) Hexachlorobutadiene	8.29	225	398849	42.610	ng	99
35) Caprolactam	8.58	113	195114	39.409	ng	# 89
36) 4-Chloro-3-methylphenol	8.69	107	663215	40.112	ng	99
37) 2-Methylnaphthalene	8.86	142	1436084	41.347	ng	100
38) 1-Methylnaphthalene	8.96	142	1345554	40.930	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	626096	41.254	ng	99

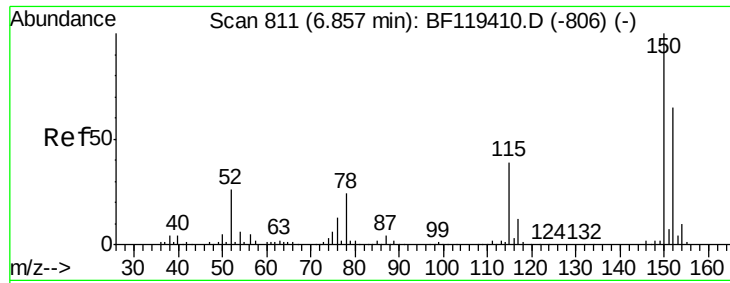
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	367830	42.632	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	450816	41.509	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	507228	41.691	ng	99
46) 1,1'-Biphenyl	9.32	154	1746447	41.414	ng	99
47) 2-Chloronaphthalene	9.35	162	1350224	40.876	ng	100
48) 2-Nitroaniline	9.44	65	481659	42.245	ng	99
49) Acenaphthylene	9.76	152	2102781	40.537	ng	100
50) Dimethylphthalate	9.62	163	1519797	41.324	ng	99
51) 2,6-Dinitrotoluene	9.68	165	336368	42.669	ng	97
52) Acenaphthene	9.94	154	1327720	41.057	ng	99
53) 3-Nitroaniline	9.85	138	405483	40.743	ng	98
54) 2,4-Dinitrophenol	9.95	184	129320	41.739	ng	95
55) Dibenzofuran	10.11	168	1888592	40.733	ng	99
56) 4-Nitrophenol	10.00	139	325113	41.410	ng	98
57) 2,4-Dinitrotoluene	10.08	165	426963	42.995	ng	# 83
58) Fluorene	10.45	166	1382851	40.332	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	381393	41.938	ng	98
60) Diethylphthalate	10.33	149	1548633	41.488	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	693270	41.348	ng	98
62) 4-Nitroaniline	10.46	138	384638	40.303	ng	99
63) Azobenzene	10.60	77	1549330	41.218	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	184763	46.629	ng	98
66) n-Nitrosodiphenylamine	10.56	169	1289523	41.569	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	455808	42.355	ng	99
68) Hexachlorobenzene	11.00	284	470386	42.707	ng	99
69) Atrazine	11.09	200	360110	42.344	ng	99
70) Pentachlorophenol	11.19	266	280818	43.482	ng	97
71) Phenanthrene	11.42	178	2051736	41.874	ng	100
72) Anthracene	11.47	178	2104300	42.256	ng	99
73) Carbazole	11.62	167	2011879	40.817	ng	98
74) Di-n-butylphthalate	11.96	149	2320746	44.014	ng	100
75) Fluoranthene	12.60	202	2187987	41.262	ng	99
77) Benzidine	12.72	184	1177583	42.985	ng	97
78) Pyrene	12.83	202	2237254	42.112	ng	100
80) Butylbenzylphthalate	13.46	149	933861	43.462	ng	97
81) Benzo(a)anthracene	14.02	228	1729855	41.094	ng	99
82) 3,3'-Dichlorobenzidine	13.99	252	685501	41.301	ng	96
83) Chrysene	14.06	228	1788834	41.176	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1124656	43.907	ng	# 99
85) Di-n-octyl phthalate	14.63	149	1868377	41.475	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1381302	33.760	ng	99
88) Benzo(b)fluoranthene	15.07	252	1650959	44.595	ng	99
89) Benzo(k)fluoranthene	15.10	252	1435155	40.711	ng	100
90) Benzo(a)pyrene	15.44	252	1404292	41.739	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	1134890	38.565	ng	99
92) Benzo(g,h,i)perylene	17.41	276	1120601	37.904	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: BF119417.D

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SSTDCCC040

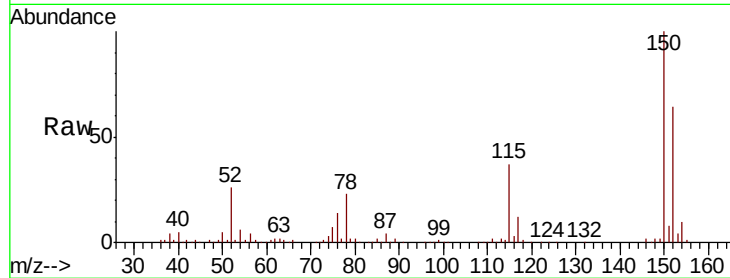
Tot Ion:152 Resp: 276677

Ion Ratio Lower Upper

152 100

150 157.4 123.9 185.9

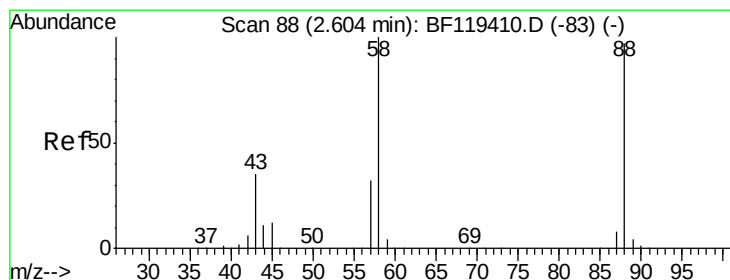
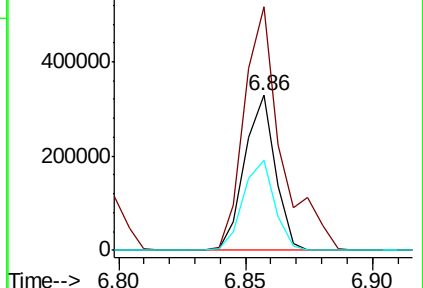
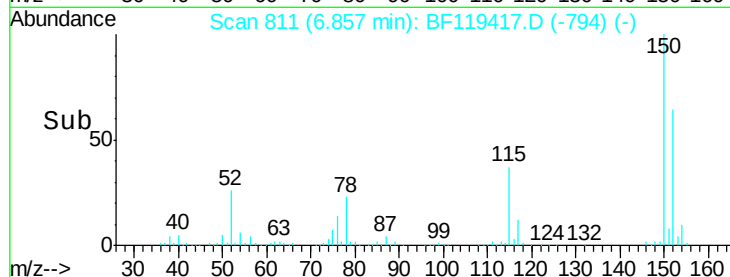
115 58.5 47.8 71.6



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: 40.764 ng

RT: 2.59 min Scan# 86

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

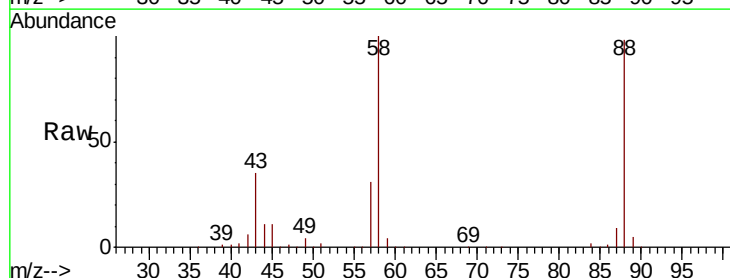
Tgt Ion: 88 Resp: 349918

Ion Ratio Lower Upper

88 100

58 101.2 79.4 119.2

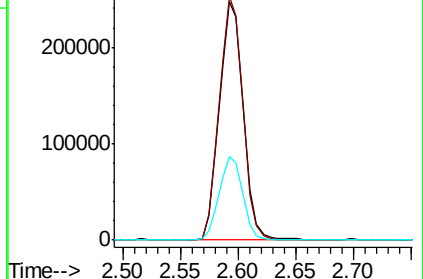
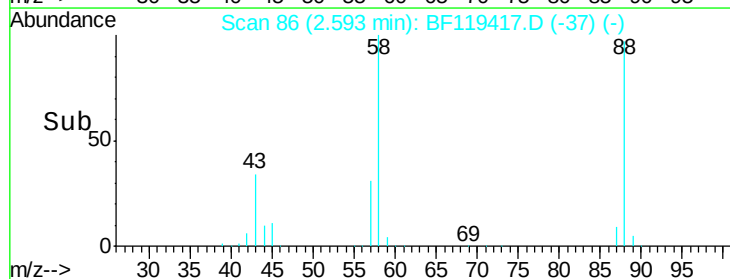
43 34.9 28.4 42.6

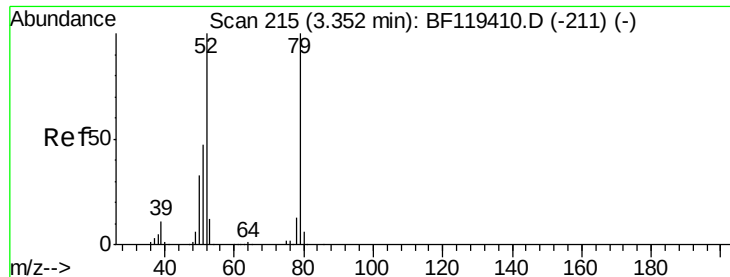


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.957 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

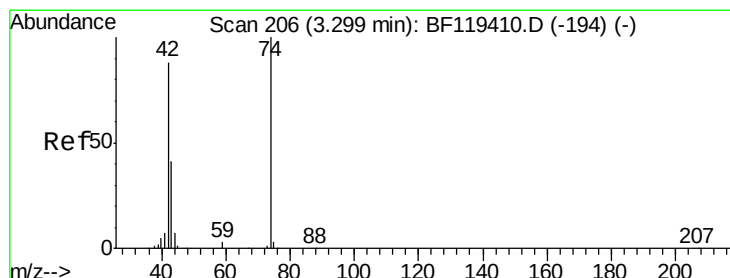
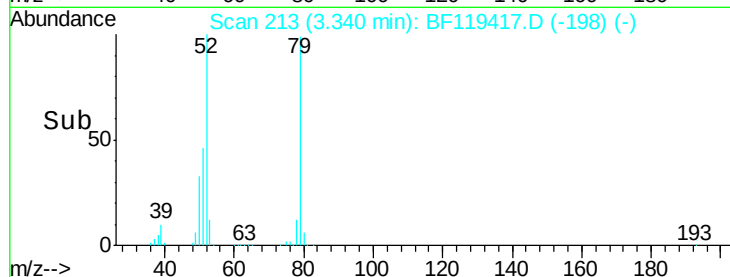
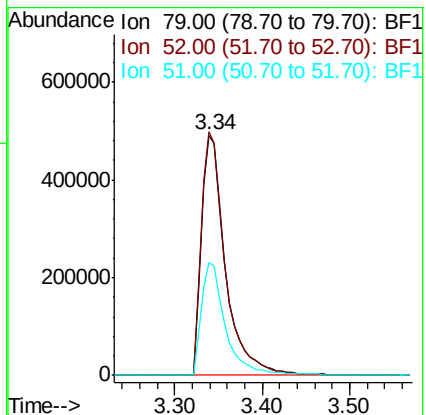
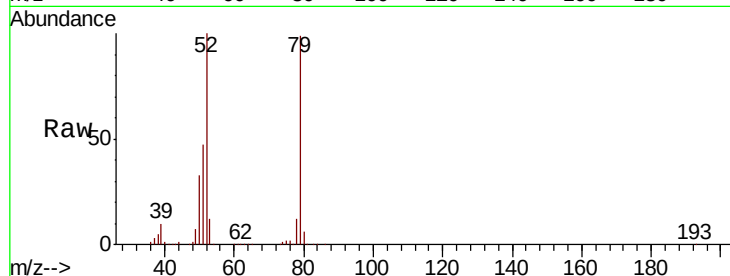
Tot Ion: 79 Resp: 944924

Ion Ratio Lower Upper

79 100

52 101.4 80.0 120.0

51 47.2 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 40.005 ng

RT: 3.29 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

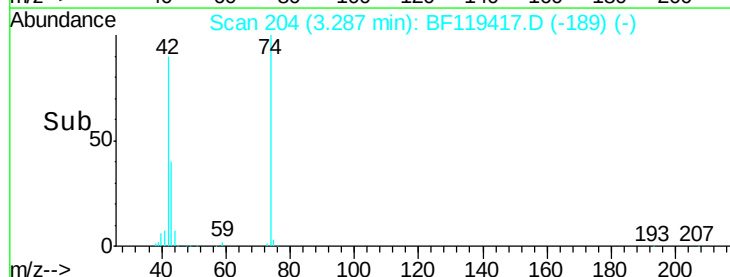
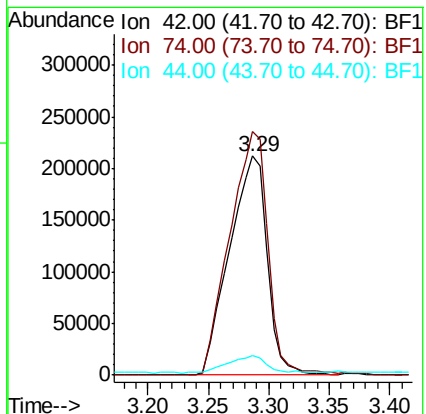
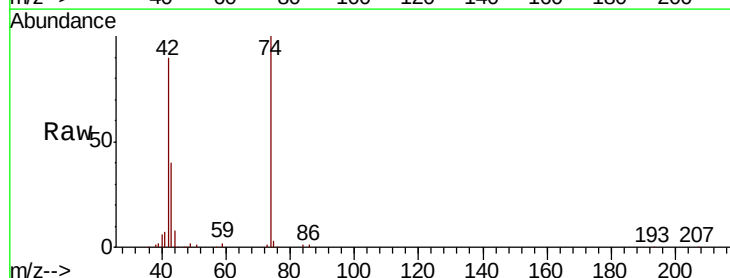
Tgt Ion: 42 Resp: 461357

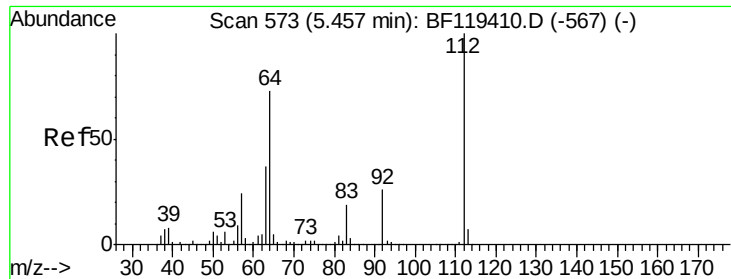
Ion Ratio Lower Upper

42 100

74 111.2 91.3 136.9

44 8.7 7.1 10.7





#5

2-Fluorophenol

Concen: 81.929 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

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SSTDCCC040

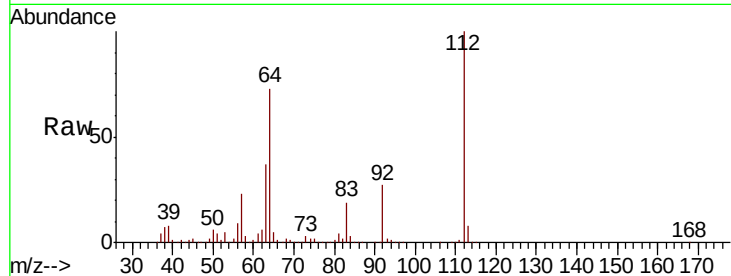
Tot Ion:112 Resp: 1423945

Ion Ratio Lower Upper

112 100

64 73.3 58.1 87.1

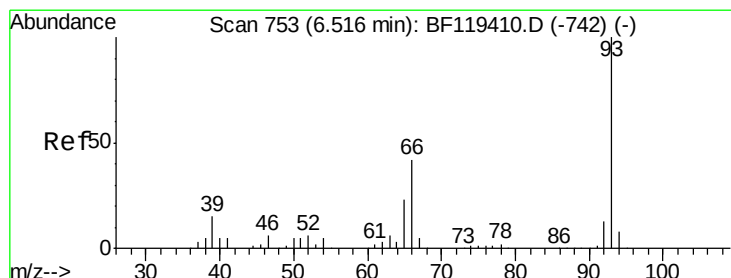
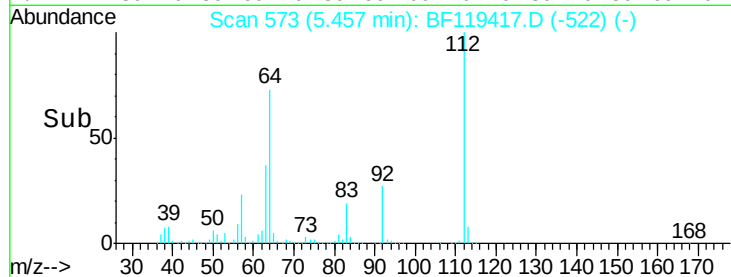
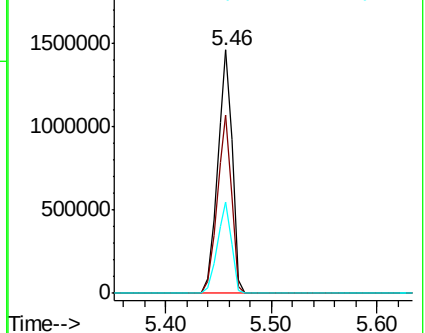
63 37.4 29.7 44.5



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: 40.514 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

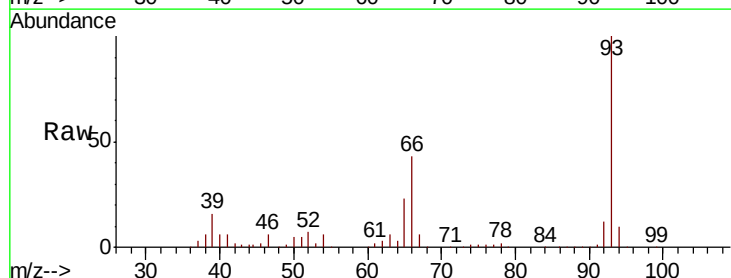
Tgt Ion: 93 Resp: 1241424

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.4

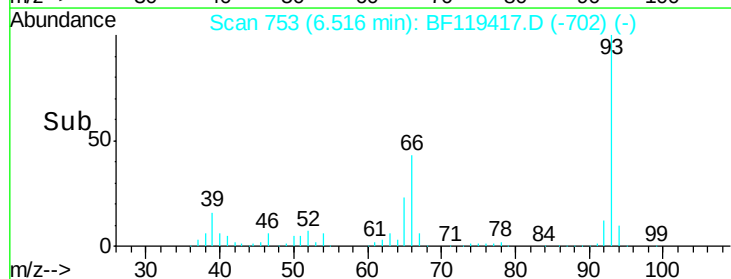
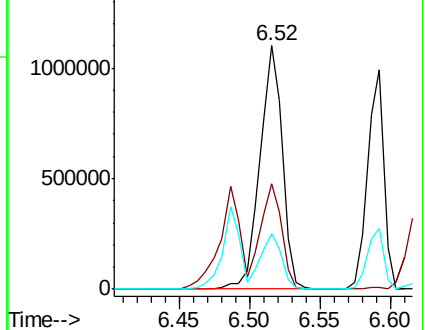
65 22.9 18.2 27.4

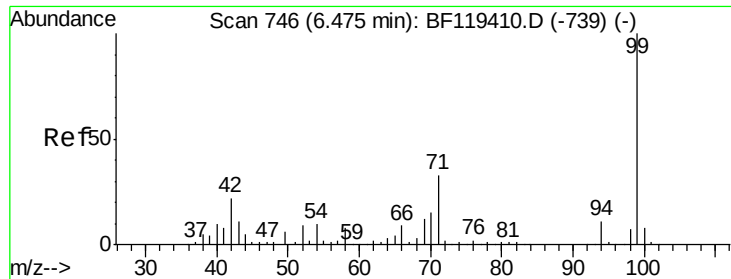


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.481 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

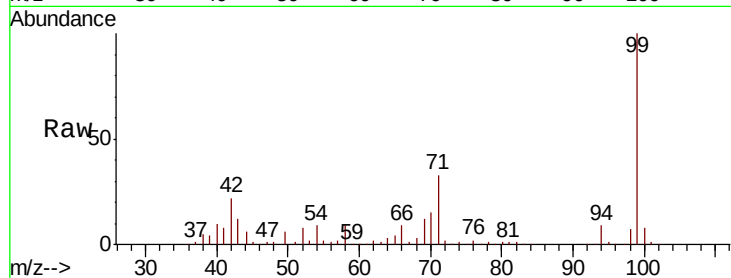
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1831237

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.6
71	32.6	26.0	39.0

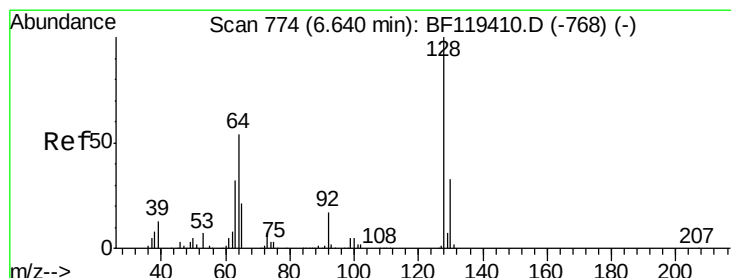
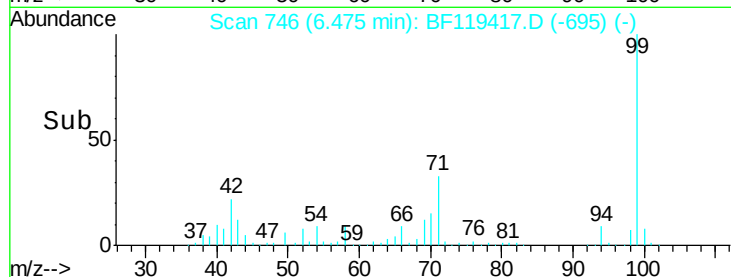


Abundance

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: 42.375 ng

RT: 6.64 min Scan# 774

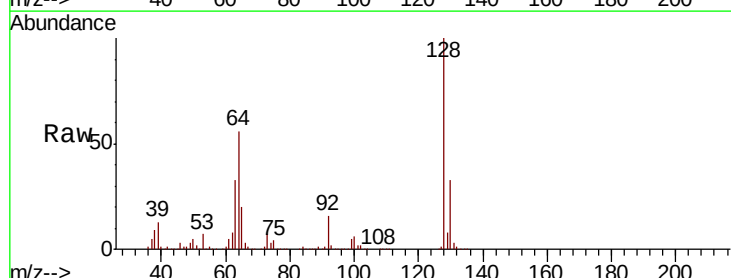
Delta R.T. -0.00 min

Lab File: BF119417.D

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Tgt Ion: 128 Resp: 773512

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	55.5	35.1	75.1

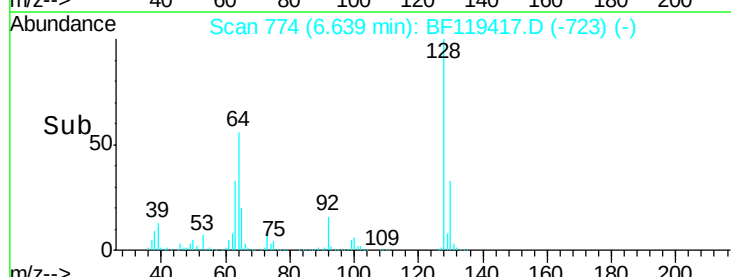


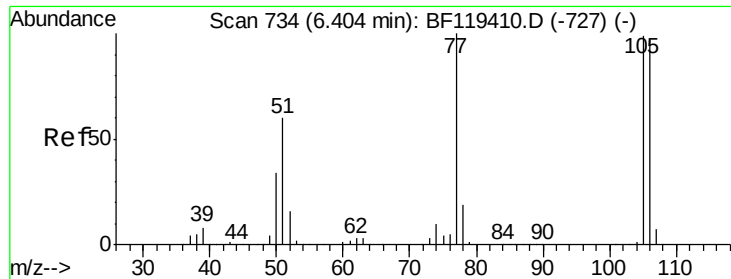
Abundance

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: 43.031 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF119417.D

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Instrument :

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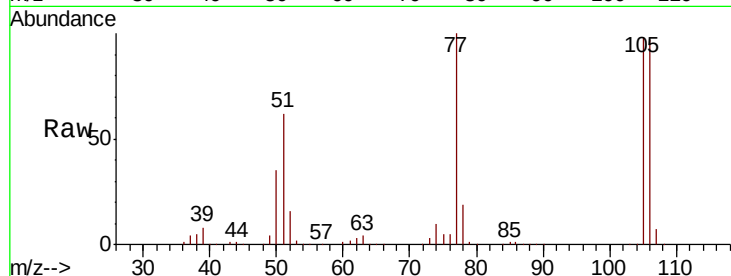
Tot Ion: 77 Resp: 606065

Ion Ratio Lower Upper

77 100

105 98.1 78.6 118.6

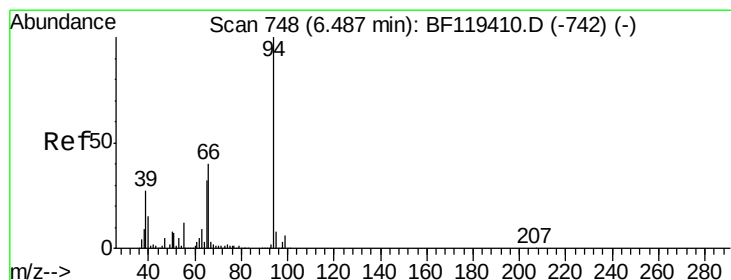
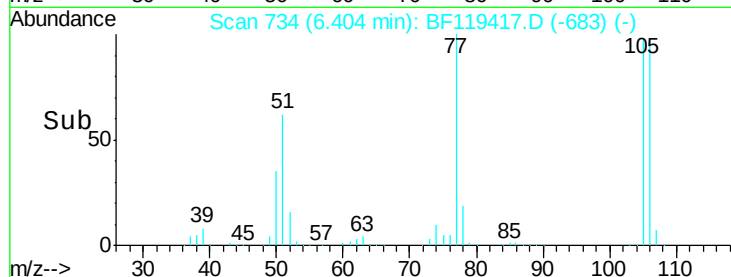
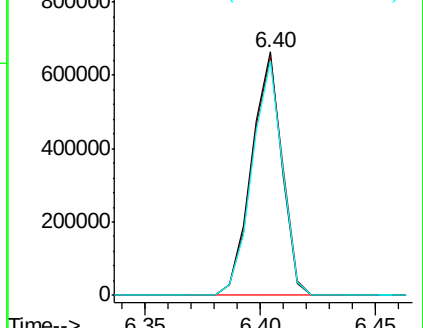
106 96.5 76.5 116.5



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: 40.787 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

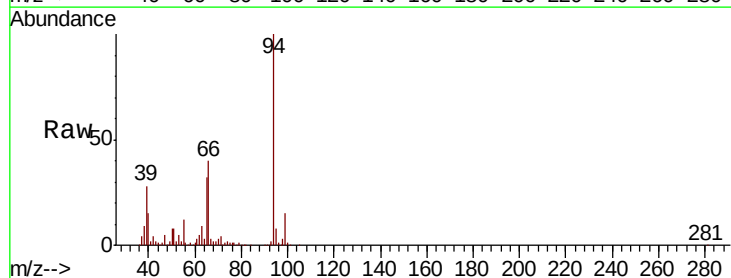
Tgt Ion: 94 Resp: 966254

Ion Ratio Lower Upper

94 100

65 32.3 12.0 52.0

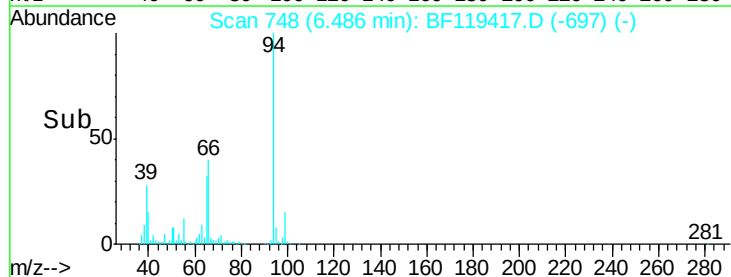
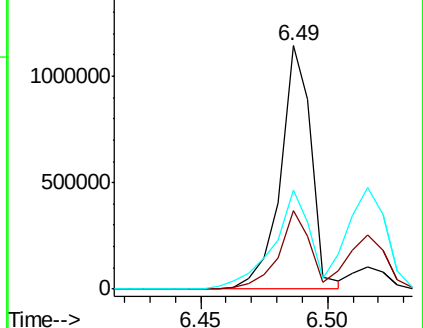
66 40.5 20.6 60.6

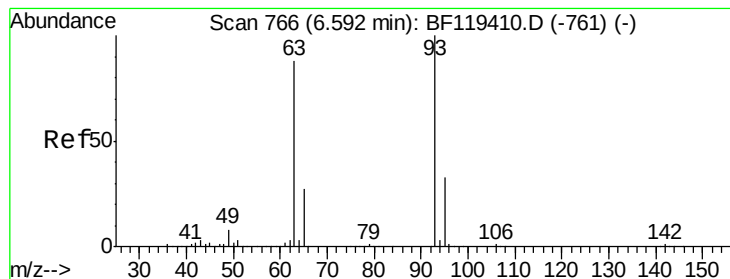


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.905 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

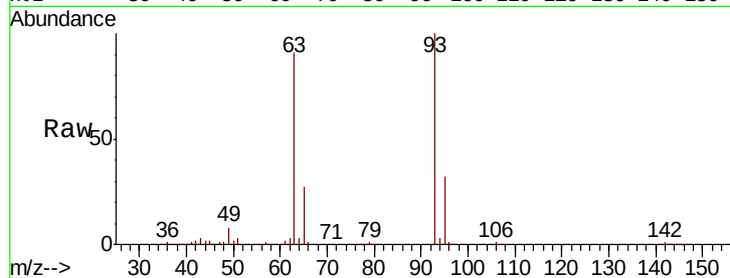
Tot Ion: 93 Resp: 793973

Ion Ratio Lower Upper

93 100

63 90.7 68.4 108.4

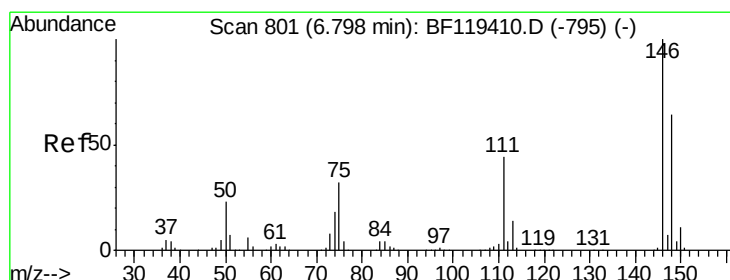
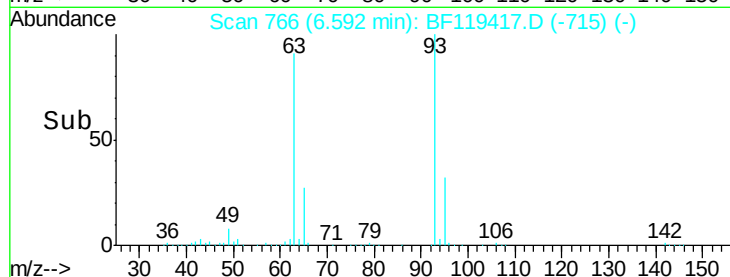
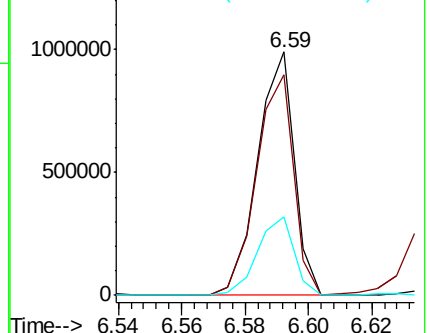
95 32.4 13.4 53.4



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: 41.962 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

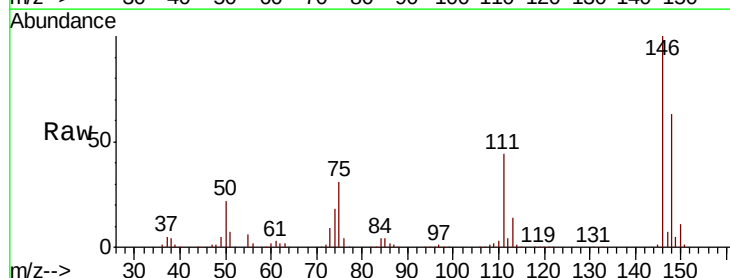
Tgt Ion: 146 Resp: 829024

Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

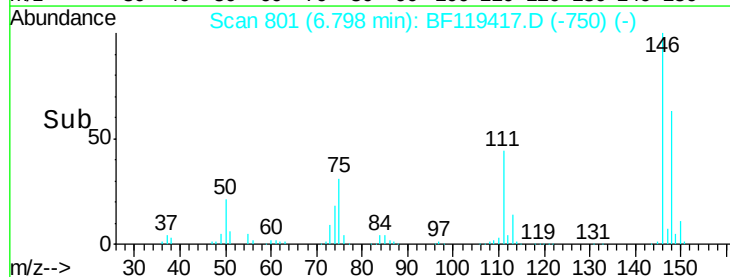
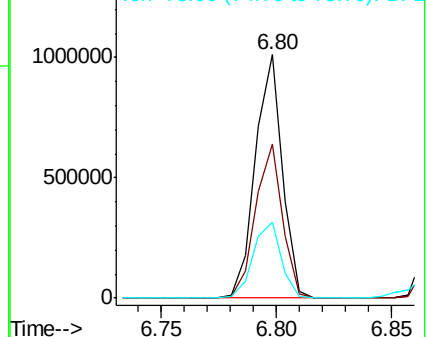
75 31.3 25.8 38.8

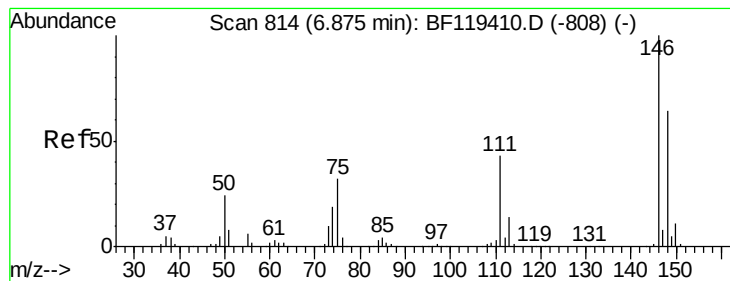


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.051 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

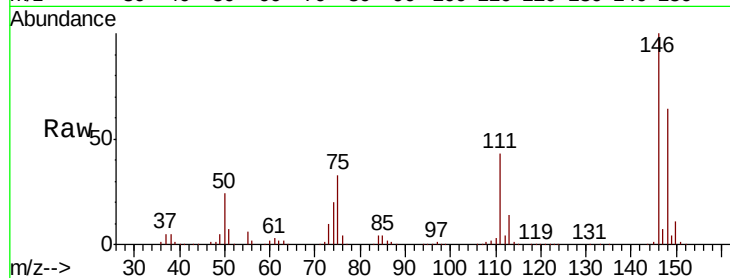
Tot Ion:146 Resp: 830996

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

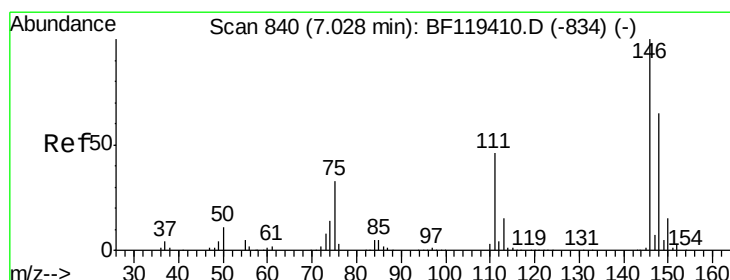
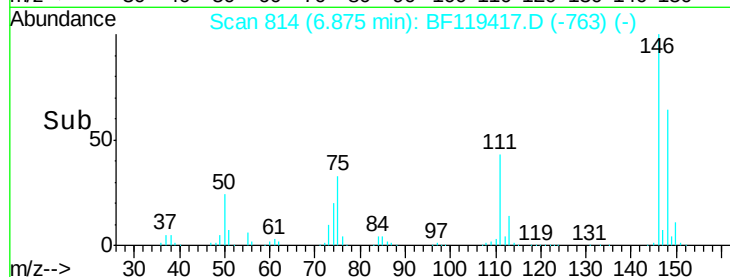
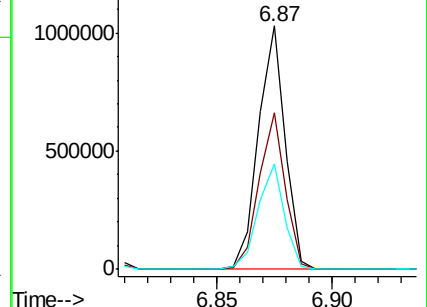
111 43.1 34.6 52.0



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: 42.165 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

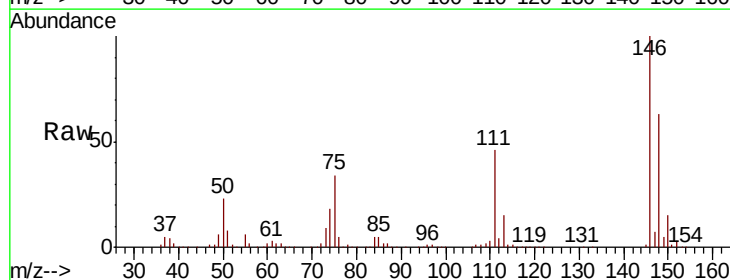
Tgt Ion:146 Resp: 778839

Ion Ratio Lower Upper

146 100

148 63.2 51.7 77.5

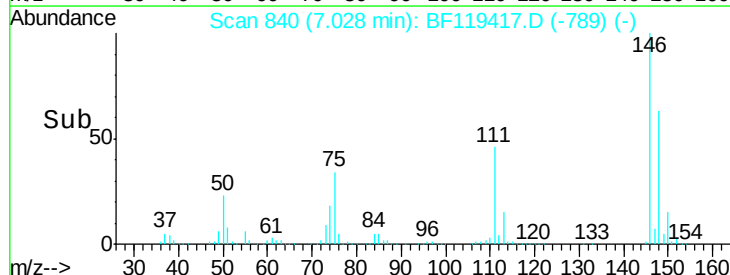
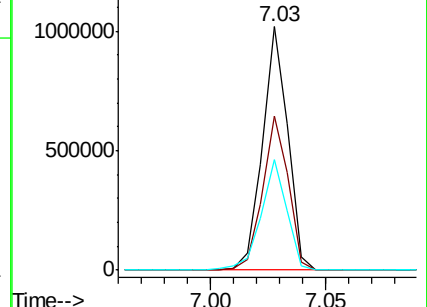
111 45.6 36.4 54.6

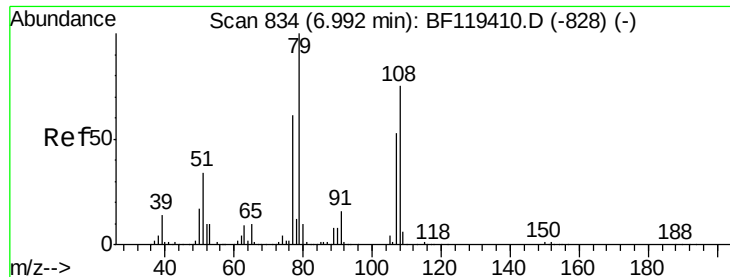


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.084 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

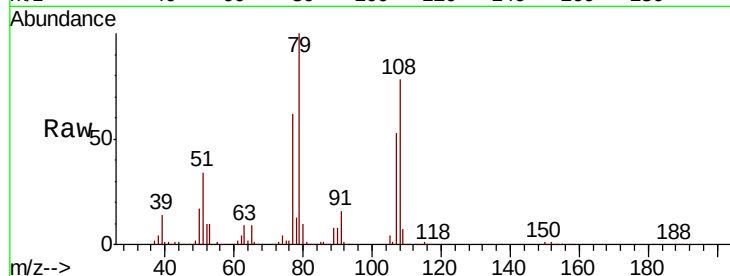
Tot Ion: 79 Resp: 702837

Ion Ratio Lower Upper

79 100

108 77.9 60.4 90.6

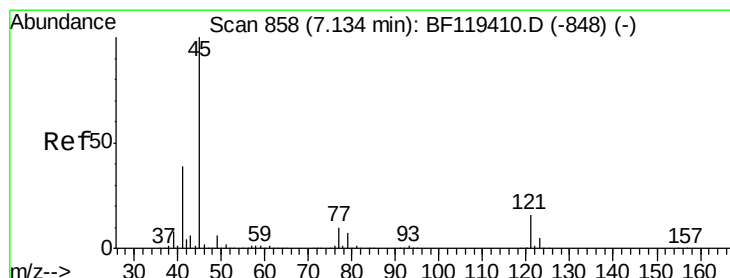
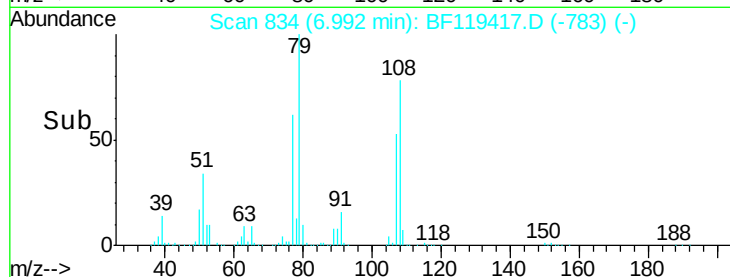
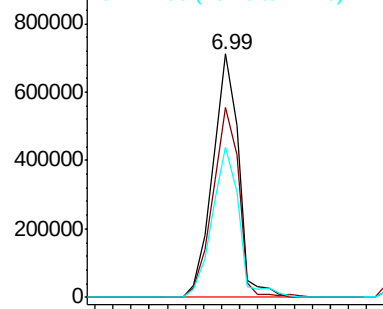
77 61.7 49.0 73.4



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: 42.569 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

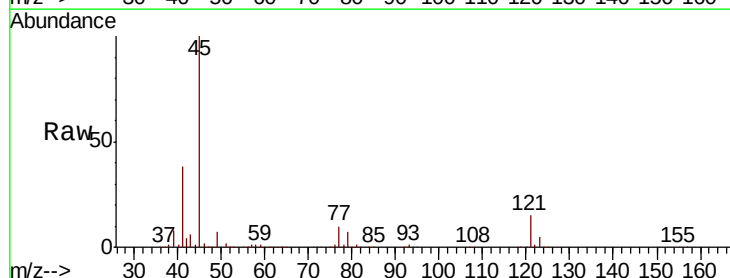
Tgt Ion: 45 Resp: 1626885

Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.1

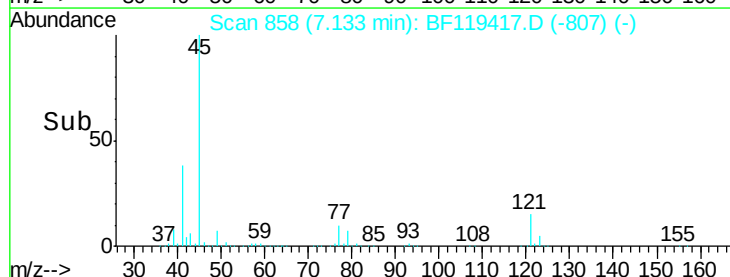
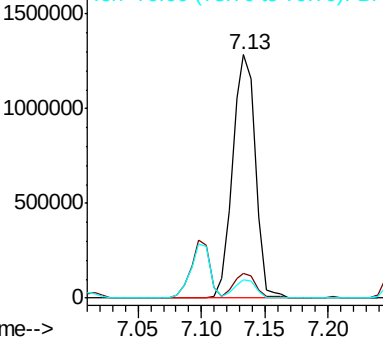
79 7.4 0.0 27.4

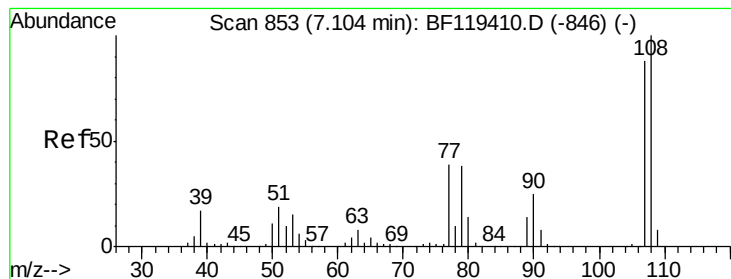


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

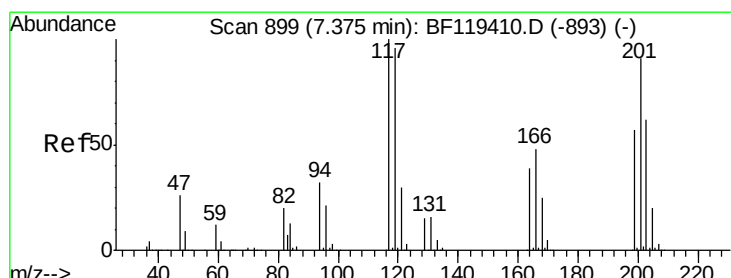
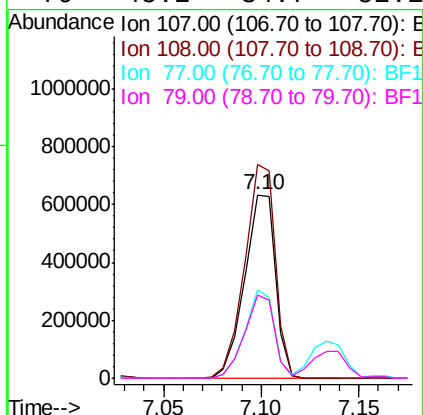
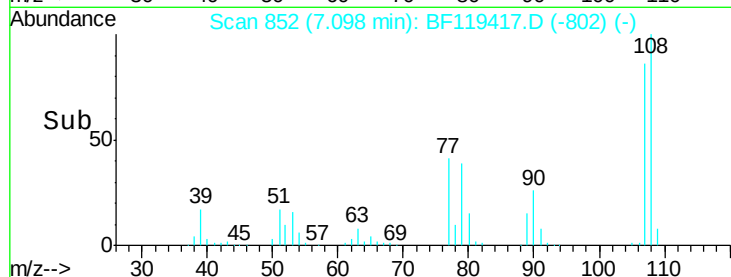
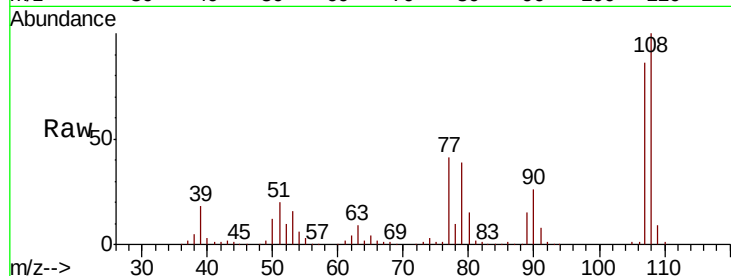




#17
2-Methylphenol
Concen: 41.565 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

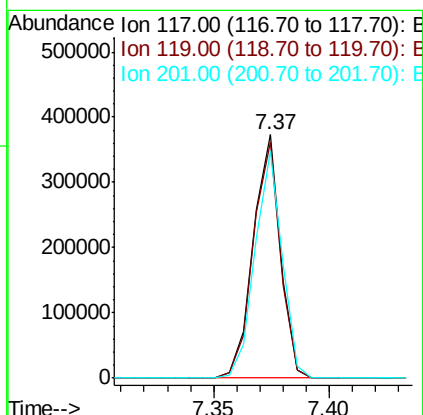
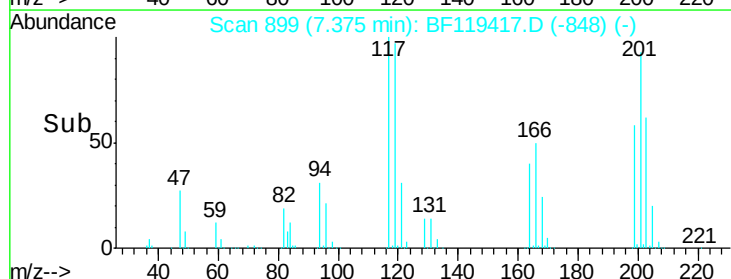
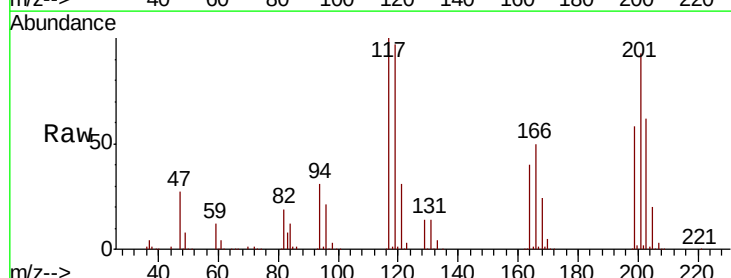
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

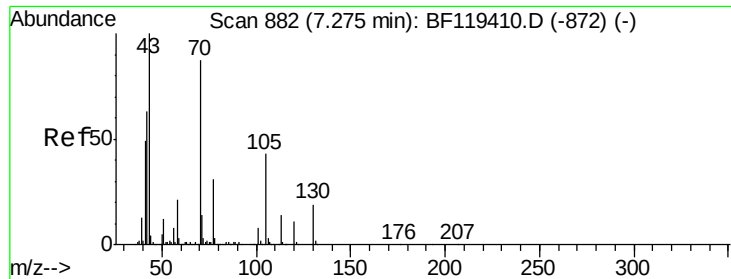
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.7	136.1
77	47.9	35.6	53.4
79	45.2	34.7	52.1



#18
Hexachloroethane
Concen: 42.542 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.8	115.2
201	93.0	72.5	108.7

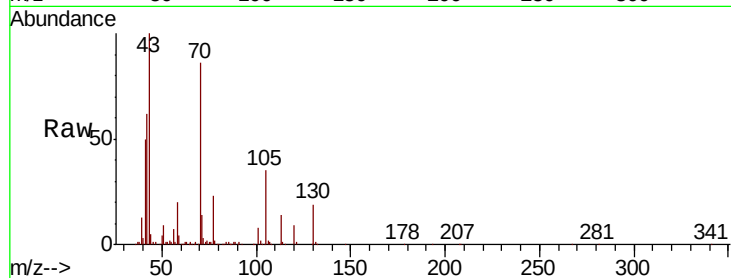




#19
n-Nitroso-di-n-propylamine
Concen: 41.596 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	556644
Ion	Ratio	Lower	Upper
70	100		
42	72.4	58.2	87.4
101	9.6	7.4	11.2
130	21.8	17.8	26.8



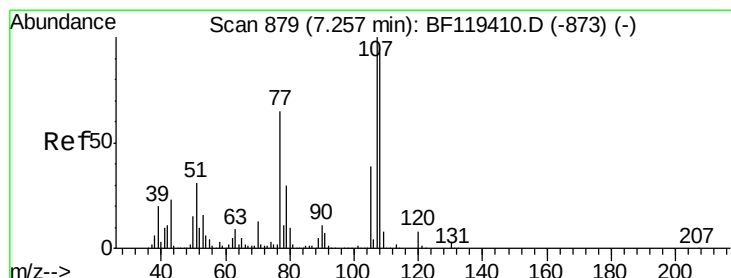
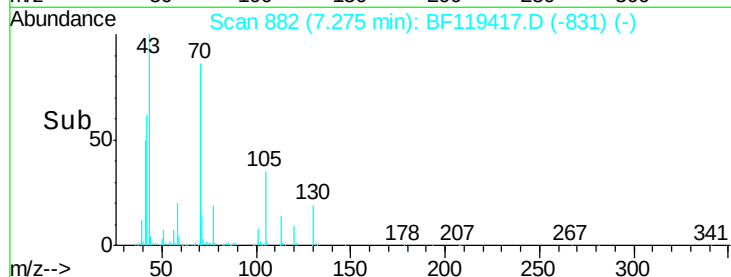
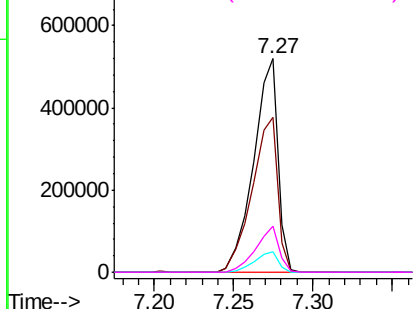
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

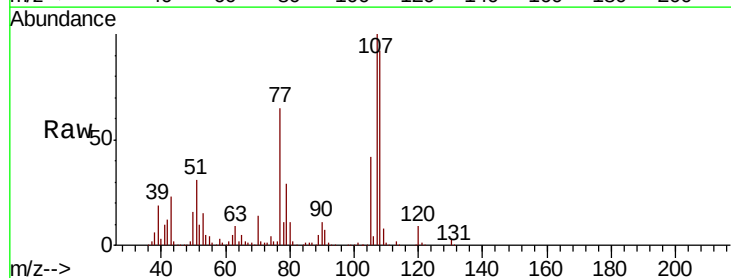
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.033 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:	107	Resp:	861566
Ion	Ratio	Lower	Upper
107	100		
108	91.8	72.6	112.6
77	64.9	44.7	84.7
79	29.3	10.2	50.2



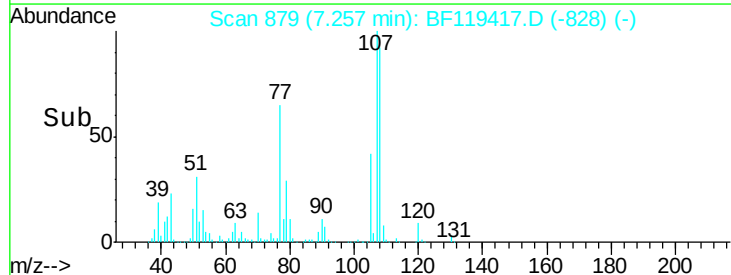
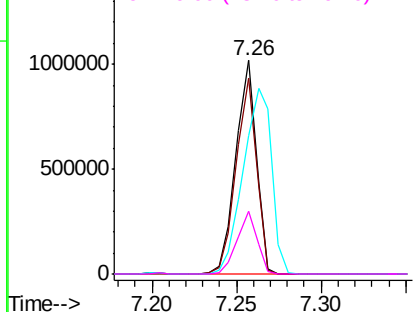
Abundance

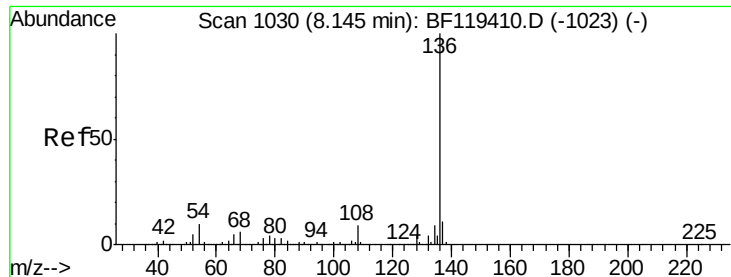
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1028396

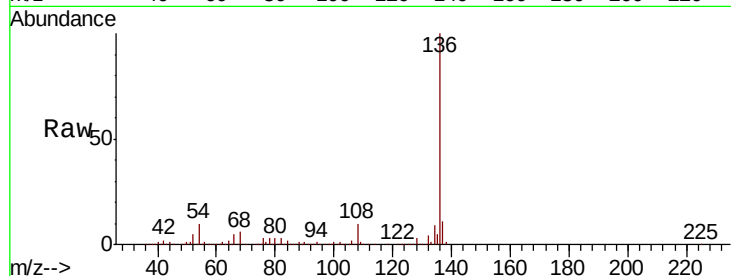
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.5 8.3 12.5

68 5.7 4.9 7.3

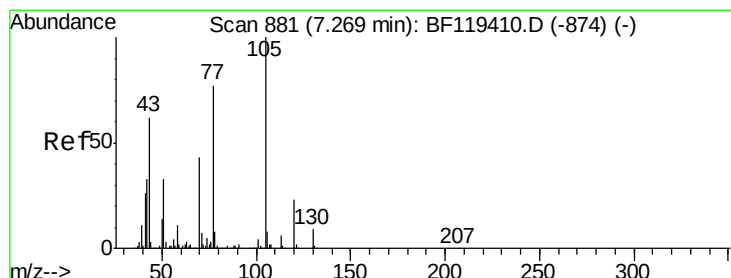
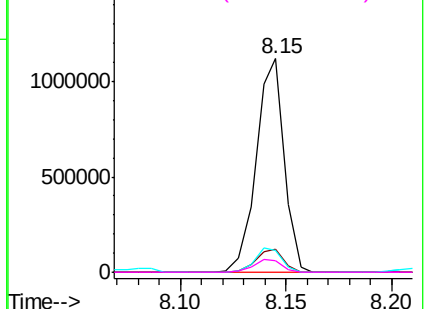
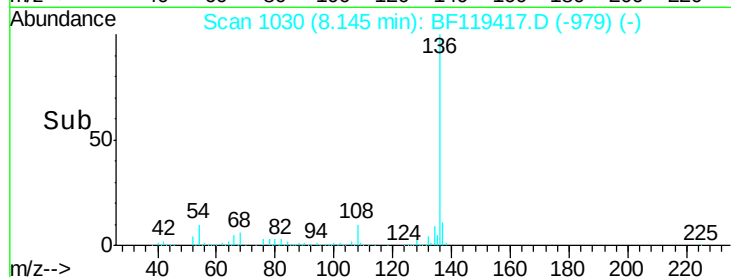


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.394 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Tgt Ion:105 Resp: 992612

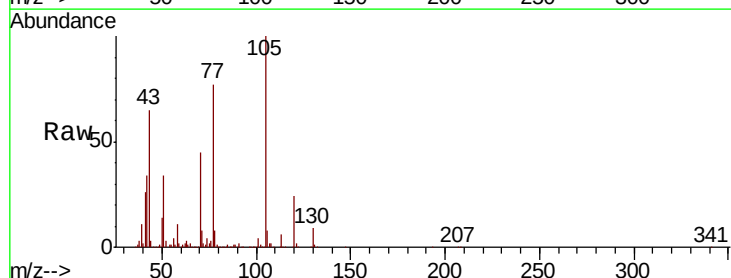
Ion Ratio Lower Upper

105 100

71 7.6 5.8 8.6

51 34.1 26.8 40.2

120 23.5 18.0 27.0

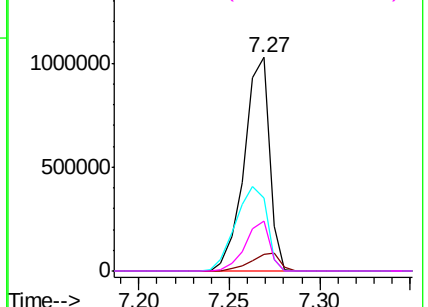
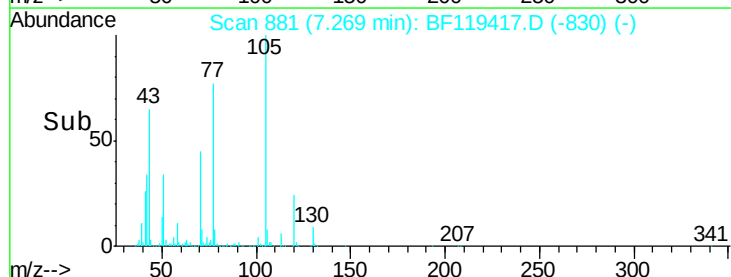


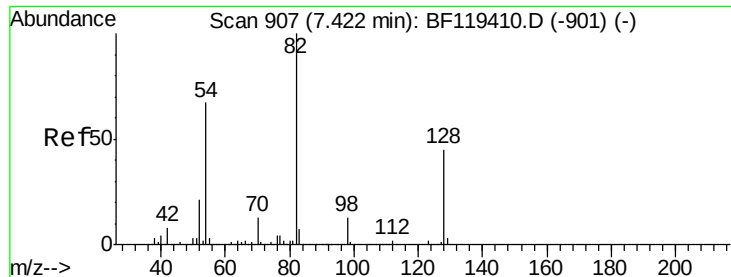
Abundance Ion 105.00 (104.70 to 105.70): E

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

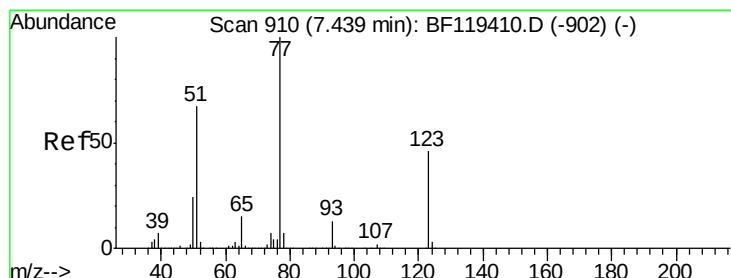
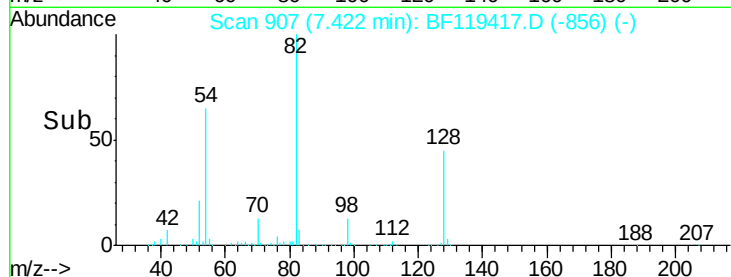
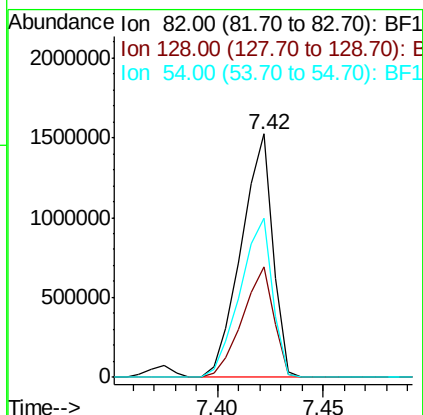
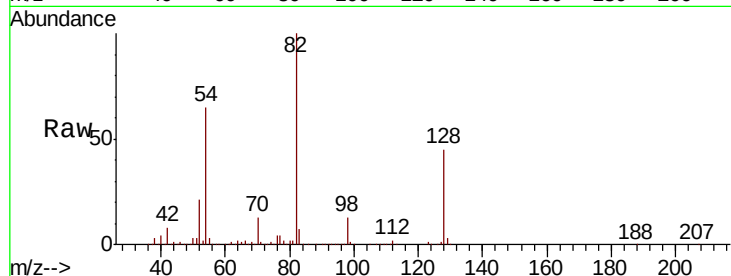




#23
 Nitrobenzene-d5
 Concen: 83.749 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

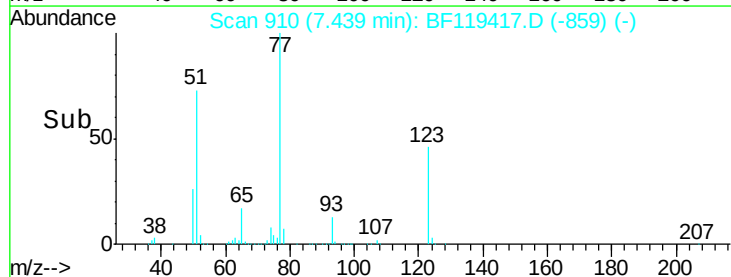
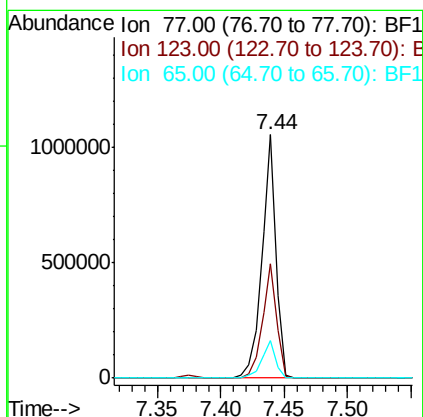
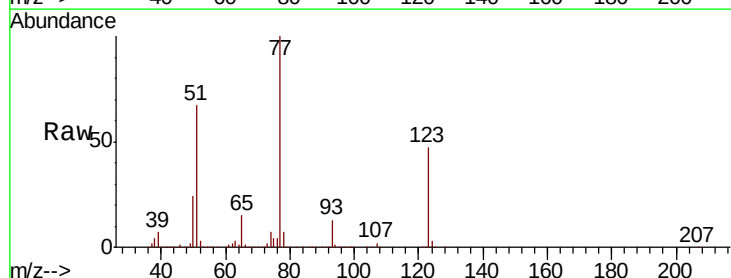
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

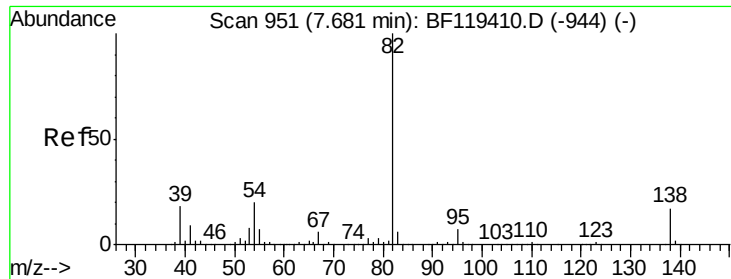
Tot Ion: 82 Resp: 1584730
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.8
 54 65.4 53.4 80.0



#24
 Nitrobenzene
 Concen: 40.949 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion: 77 Resp: 828080
 Ion Ratio Lower Upper
 77 100
 123 46.9 36.9 55.3
 65 15.3 12.2 18.4





#25

Isophorone

Concen: 40.237 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

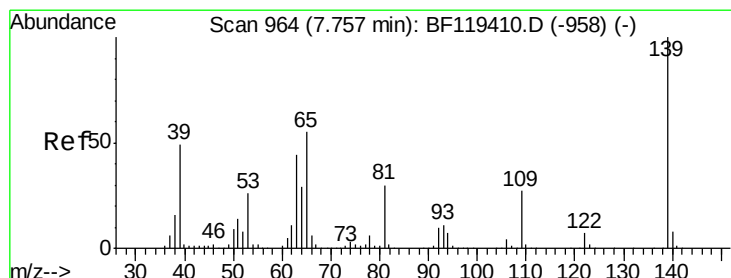
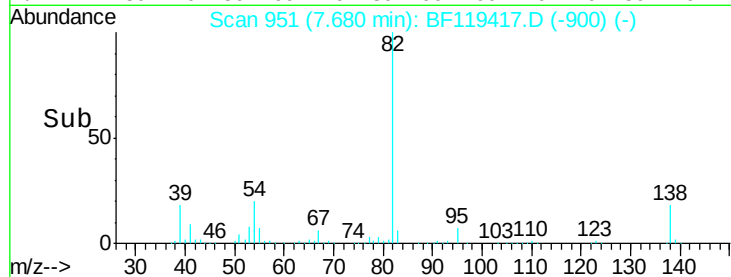
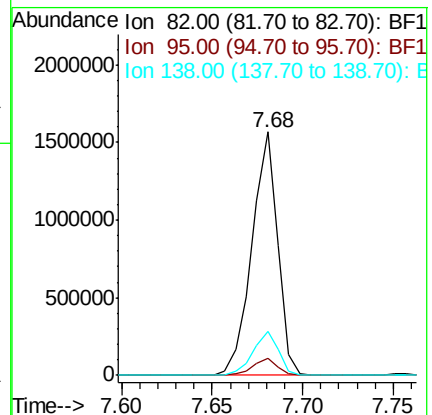
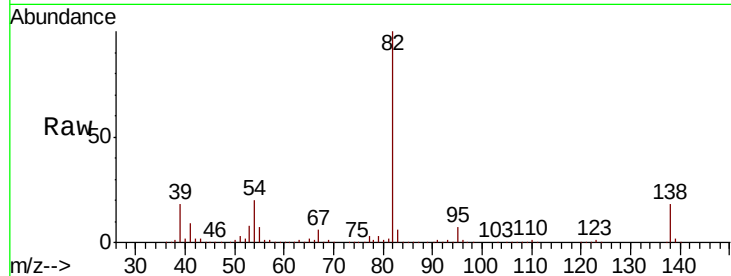
Tot Ion: 82 Resp: 1544505

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.8 13.8 20.8



#26

2-Nitrophenol

Concen: 44.675 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

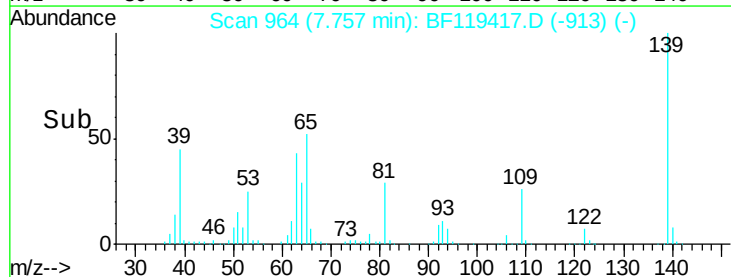
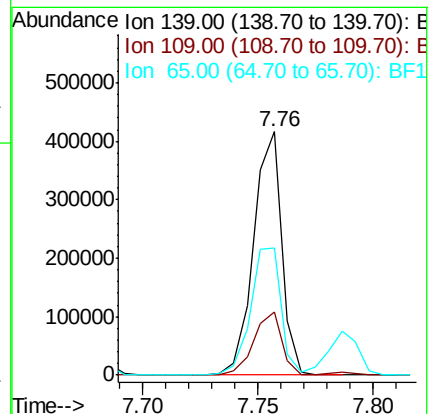
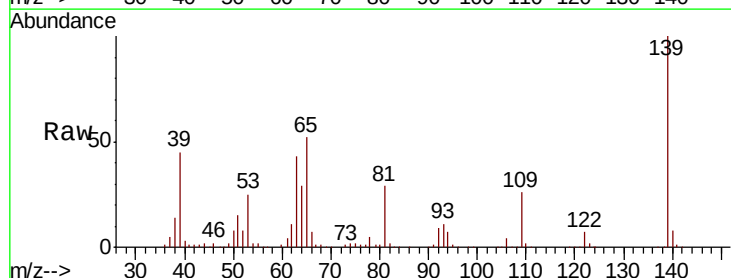
Tgt Ion: 139 Resp: 355715

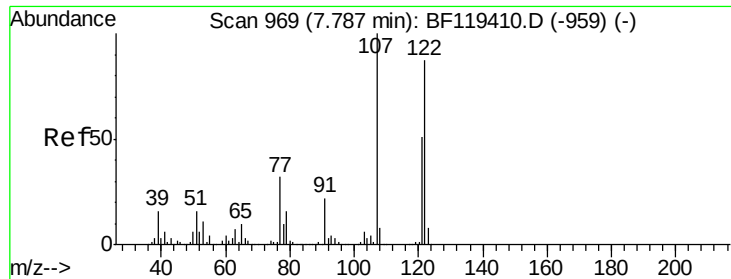
Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

65 52.2 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 41.109 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

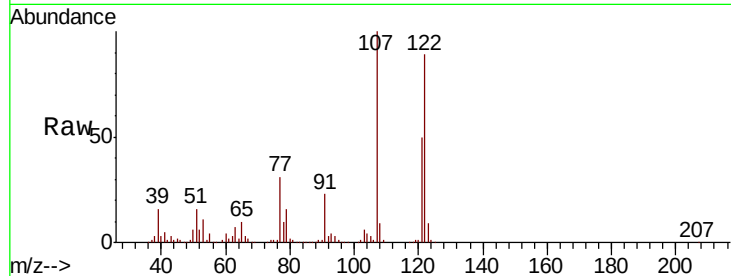
Tot Ion:122 Resp: 676826

Ion Ratio Lower Upper

122 100

107 112.7 91.8 137.6

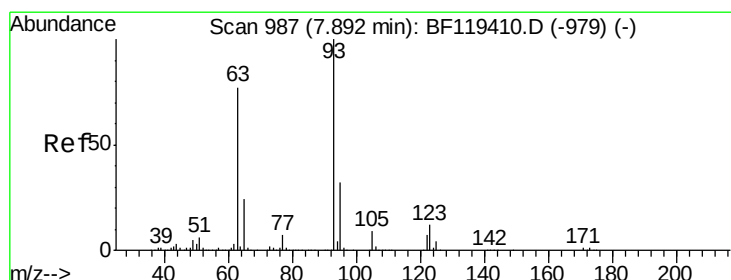
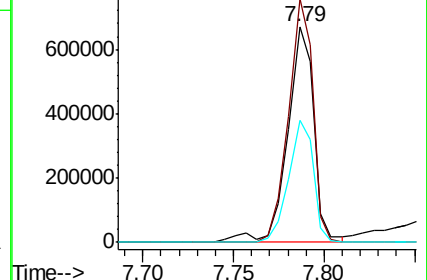
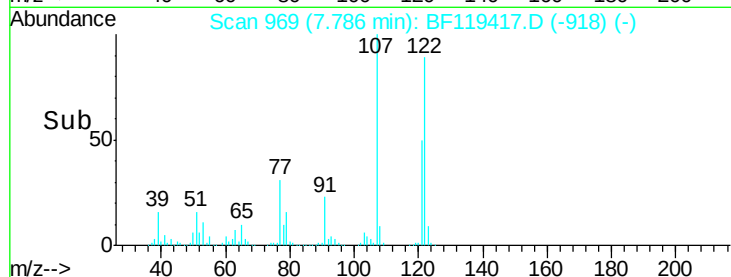
121 56.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.637 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

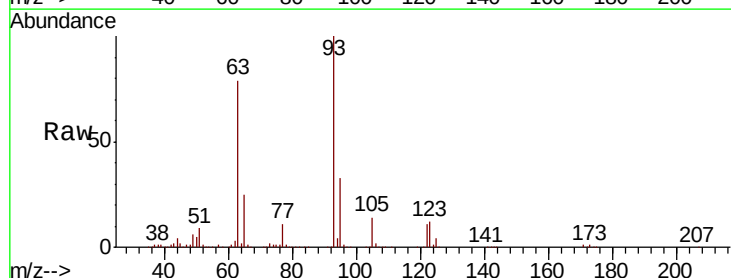
Tgt Ion: 93 Resp: 922383

Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

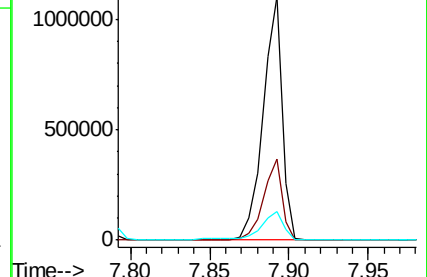
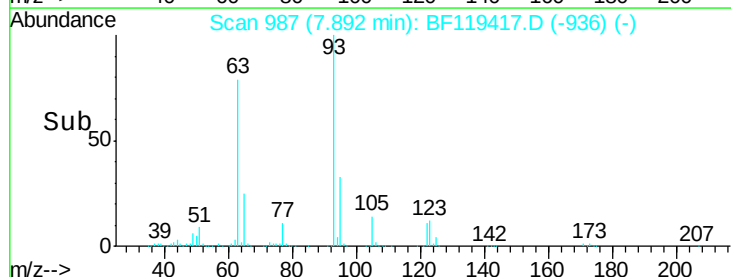
123 12.0 9.7 14.5

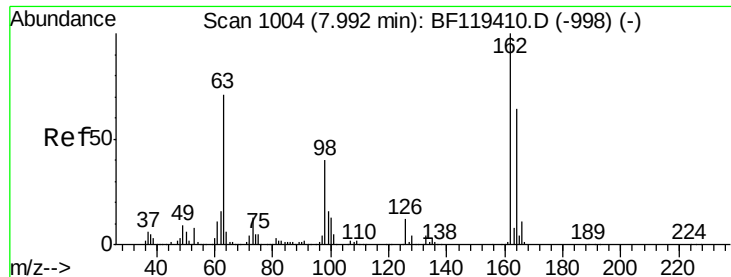


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

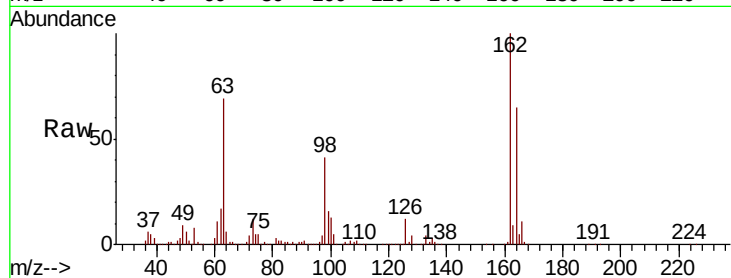




#29
2,4-Dichlorophenol
Concen: 40.790 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.6	83.6
98	40.6	20.4	60.4

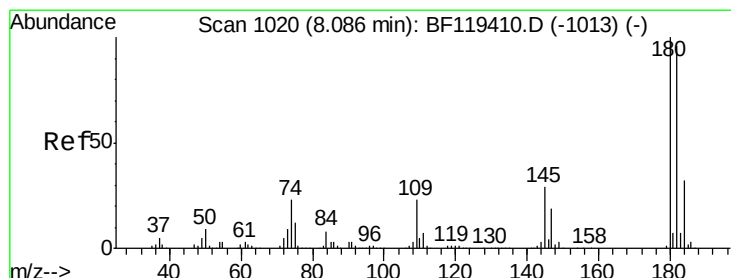
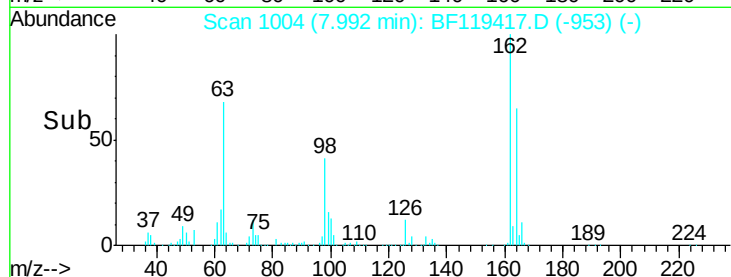
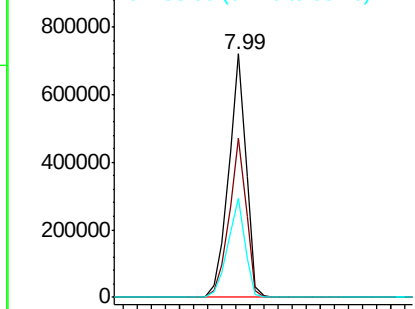


Abundance

Ion 162.00 (161.70 to 162.70): E

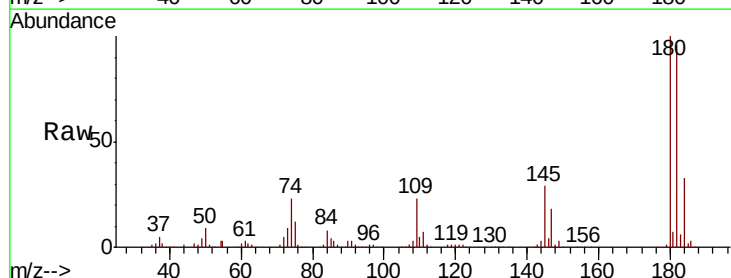
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.542 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.6	115.0
145	28.7	23.2	34.8

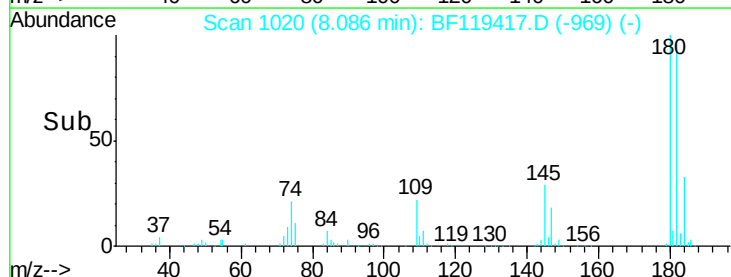
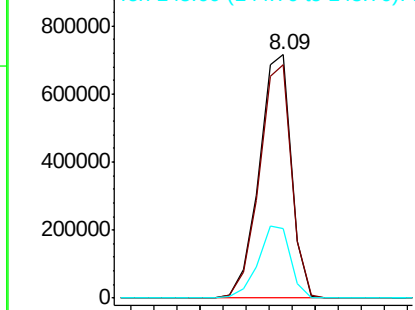


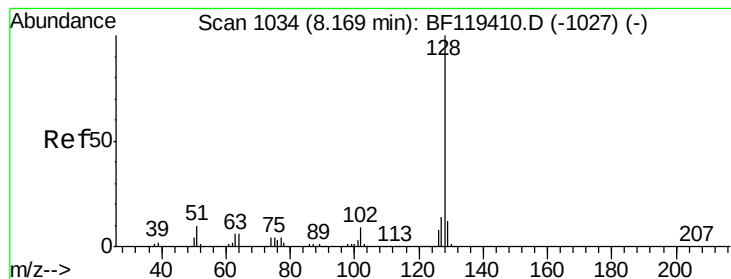
Abundance

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





#31

Naphthalene

Concen: 40.927 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

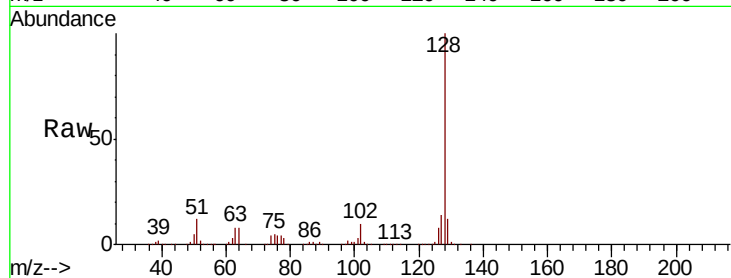
Tot Ion:128 Resp: 2165976

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

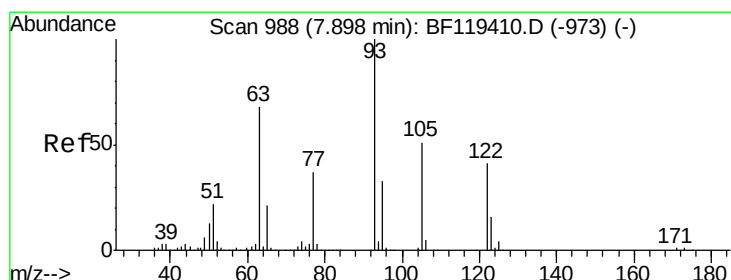
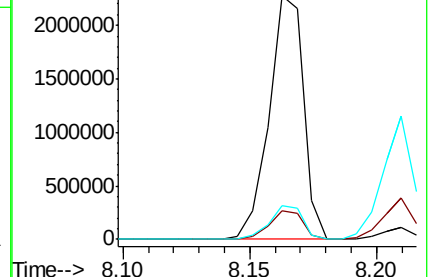
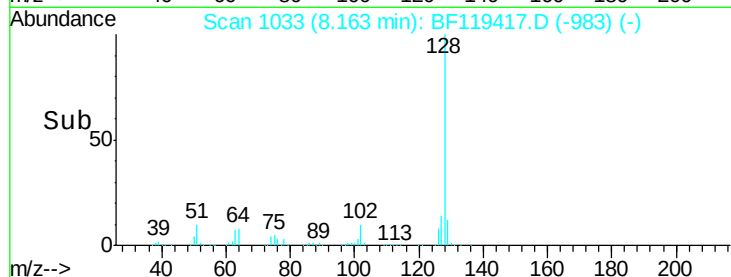
127 14.0 11.0 16.4



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: 44.486 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

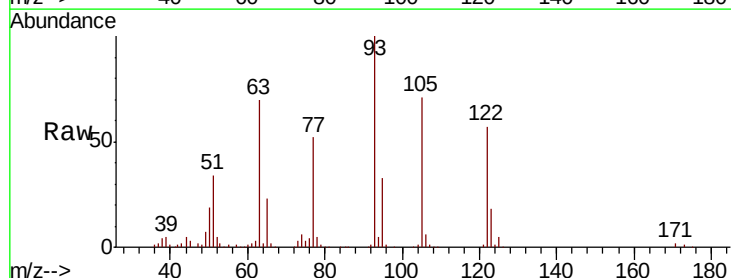
Tgt Ion:122 Resp: 471129

Ion Ratio Lower Upper

122 100

105 125.7 102.9 142.9

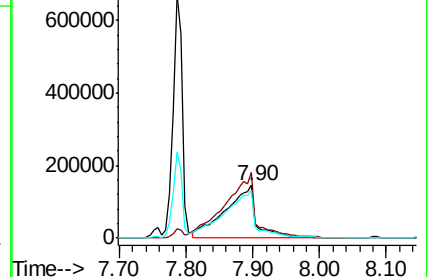
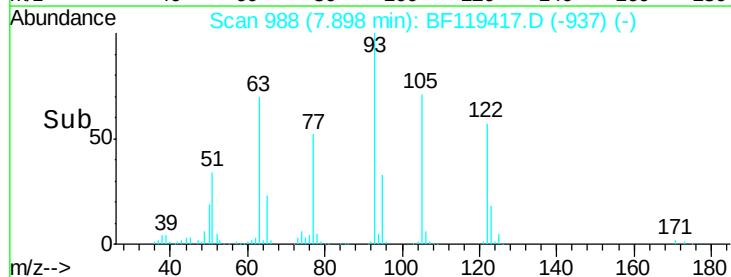
77 91.0 70.1 110.1

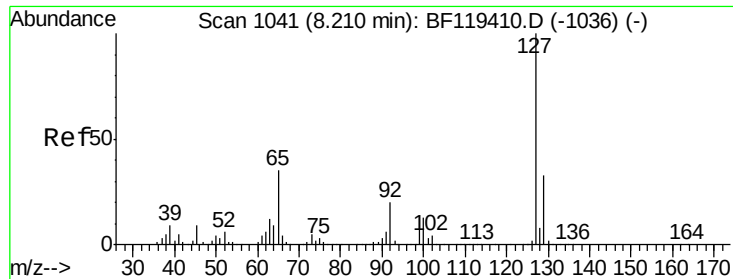


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

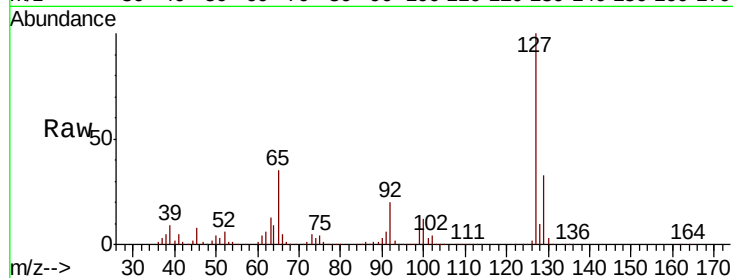




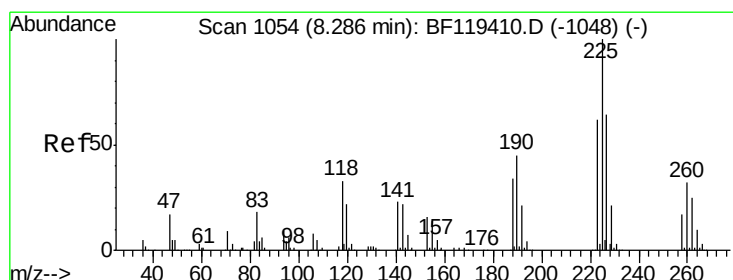
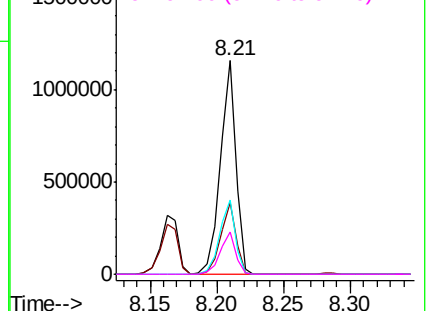
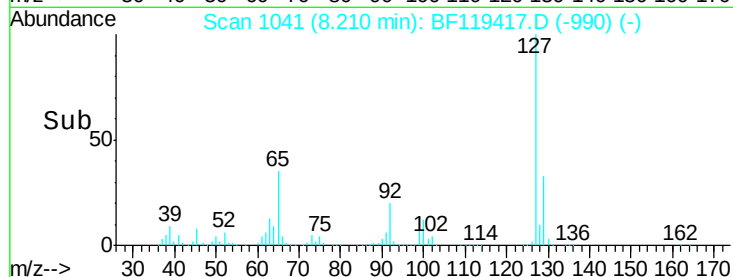
#33
4-Chloroaniline
Concen: 39.601 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	960326
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	34.9	27.7	41.5
92	19.8	15.8	23.6

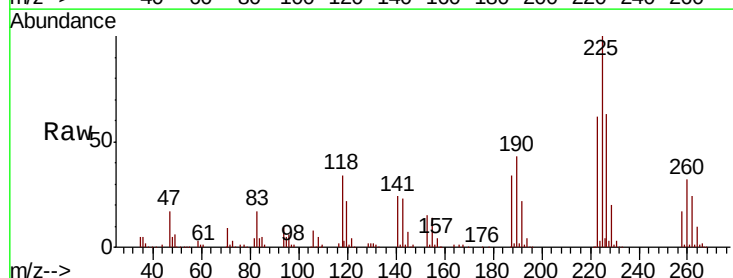


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

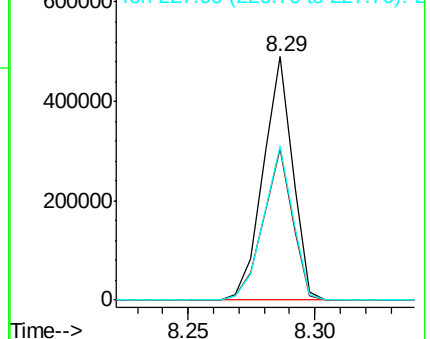
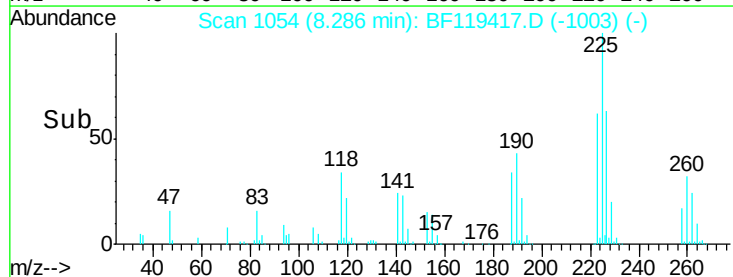


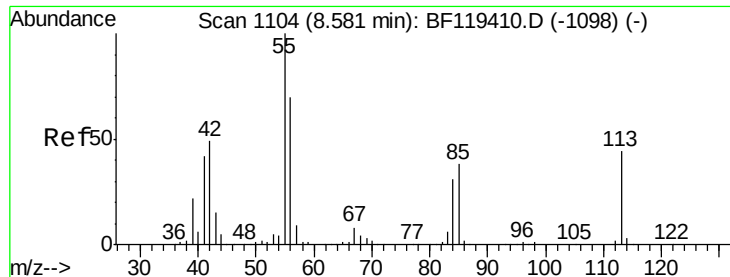
#34
Hexachlorobutadiene
Concen: 42.610 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:	225	Resp:	398849
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.2	73.8
227	63.4	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: 39.409 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

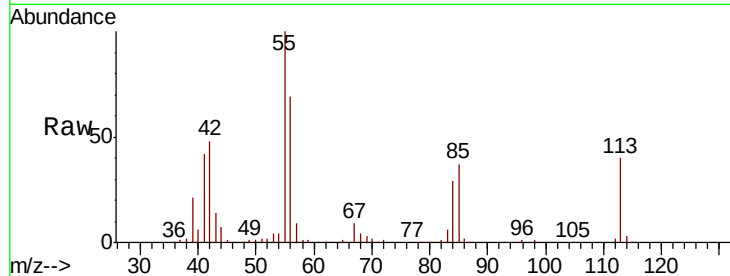
Tot Ion:113 Resp: 195114

Ion Ratio Lower Upper

113 100

55 249.3 208.4 248.4#

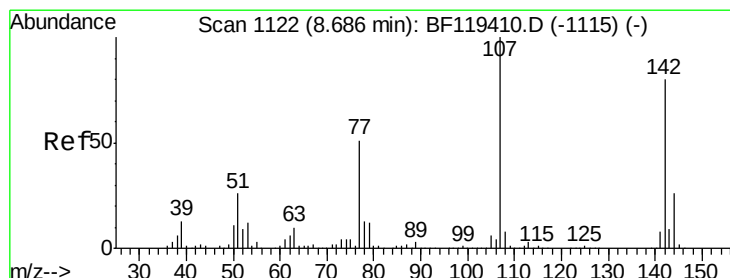
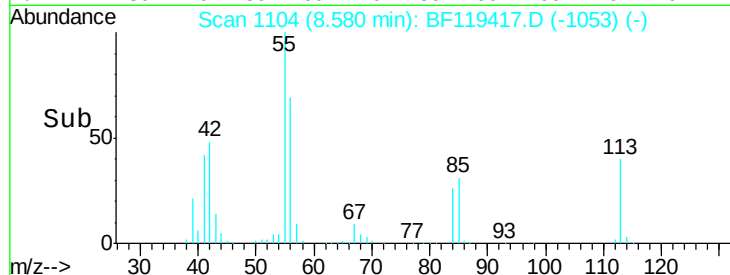
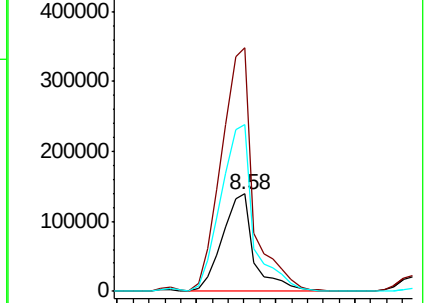
56 171.2 138.9 178.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.112 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

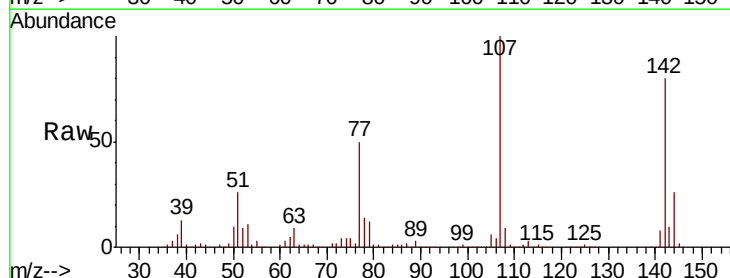
Tgt Ion:107 Resp: 663215

Ion Ratio Lower Upper

107 100

144 26.4 20.6 31.0

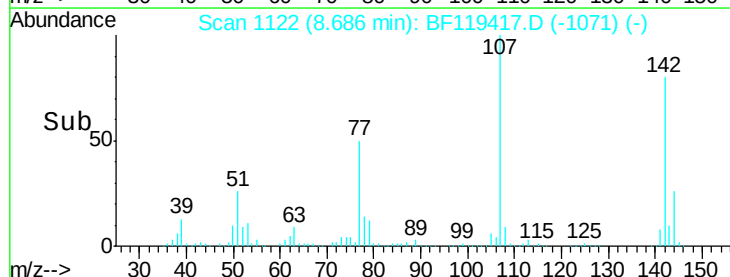
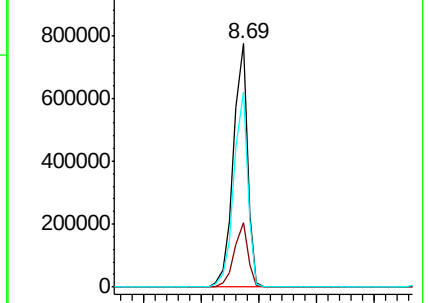
142 80.0 63.8 95.6

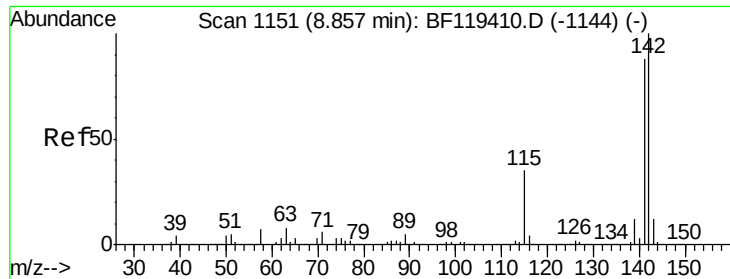


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

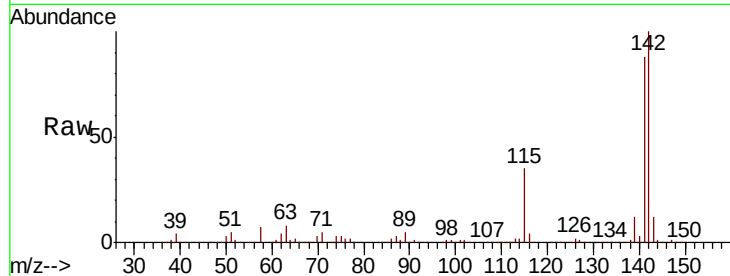




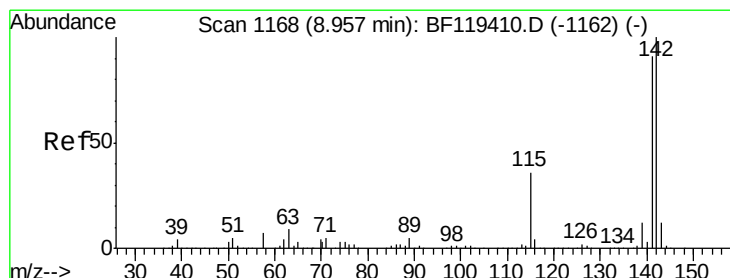
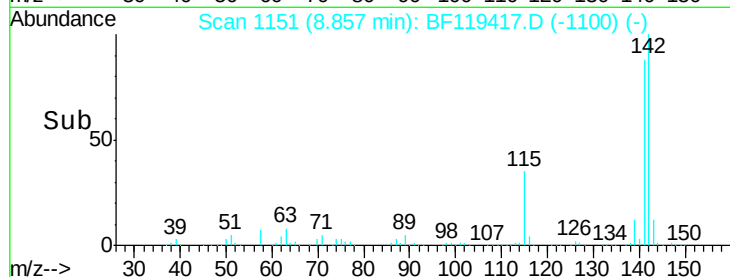
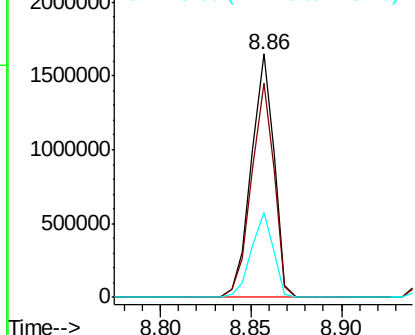
#37
2-Methylnaphthalene
Concen: 41.347 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1436084
Ion Ratio Lower Upper
142 100
141 88.2 70.4 105.6
115 34.7 27.8 41.6

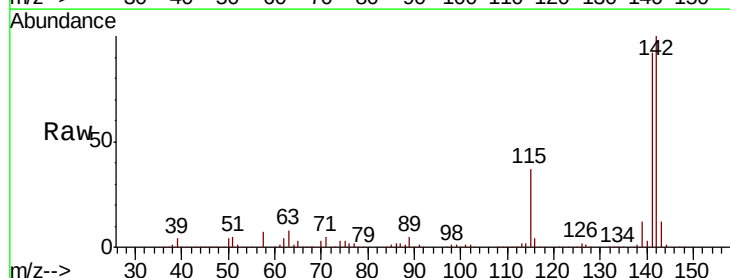


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

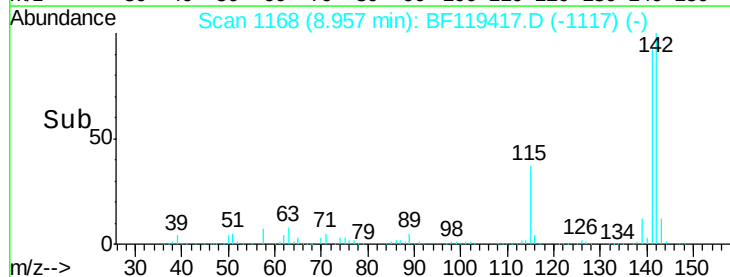
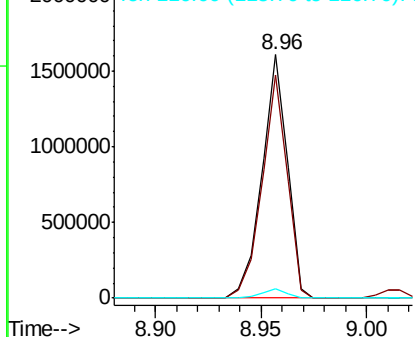


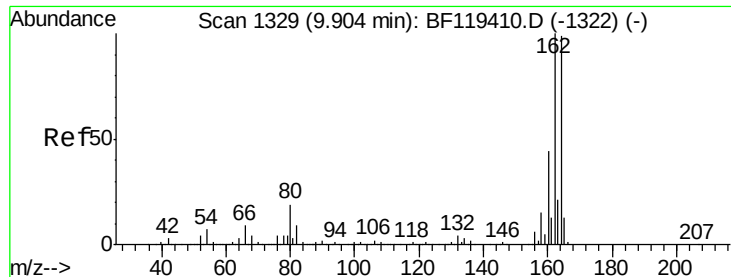
#38
1-Methylnaphthalene
Concen: 40.930 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:142 Resp: 1345554
Ion Ratio Lower Upper
142 100
141 91.7 73.1 109.7
116 3.9 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

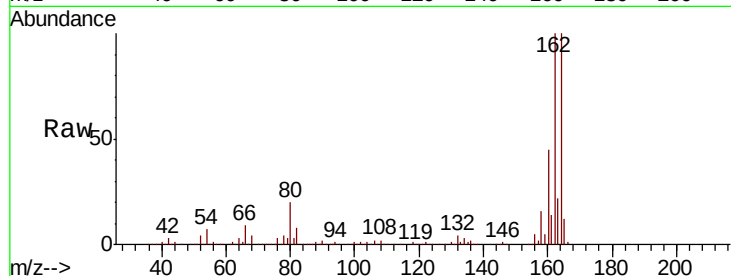




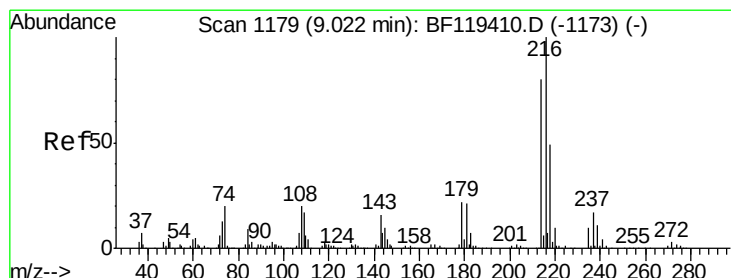
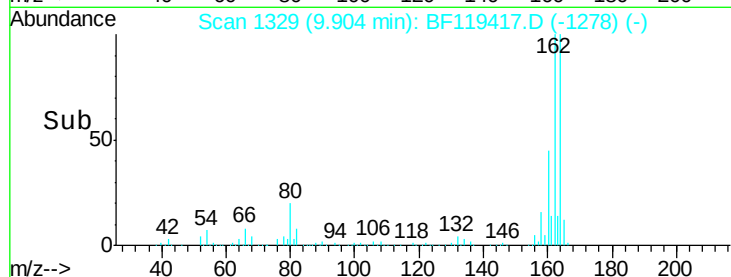
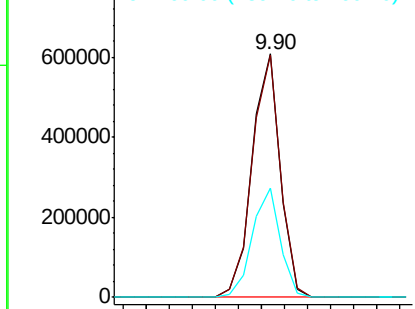
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	164	Resp:	517776
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.7	121.1
160	44.8	35.5	53.3

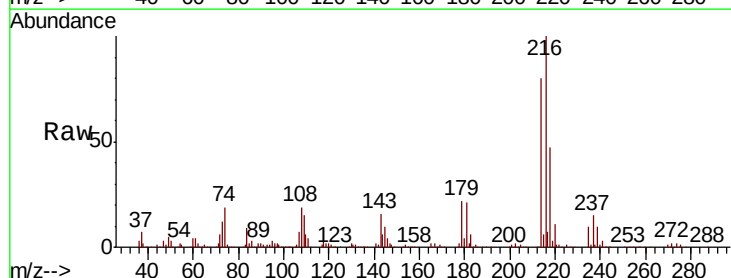


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

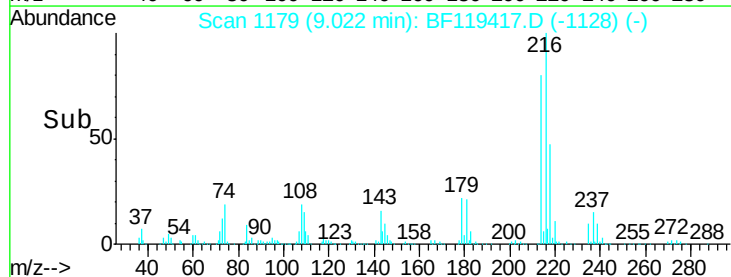
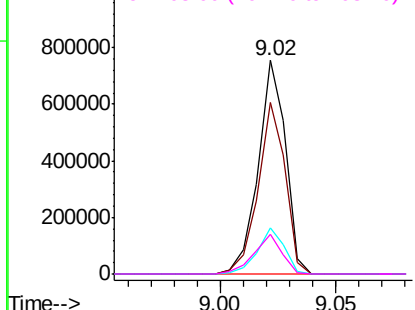


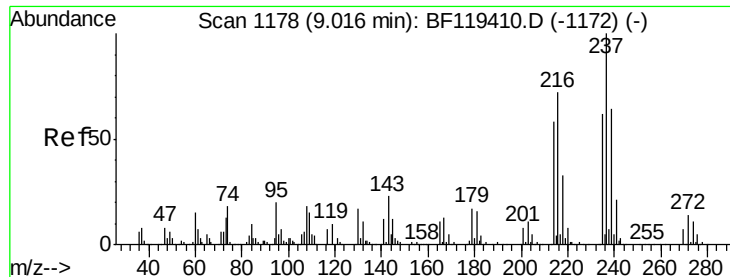
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.254 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:	216	Resp:	626096
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.6
179	21.4	17.0	25.4
108	19.2	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

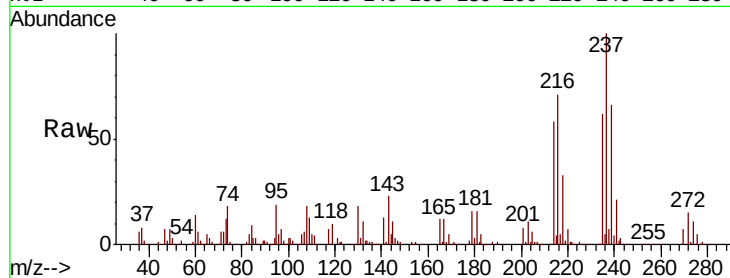




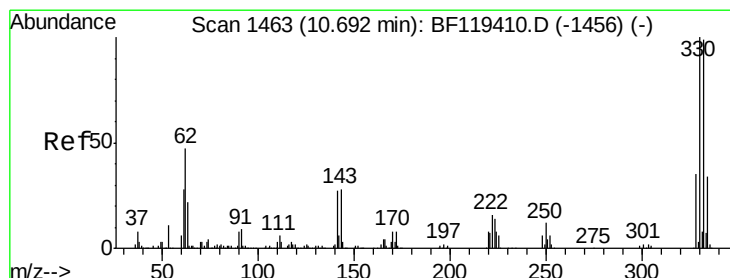
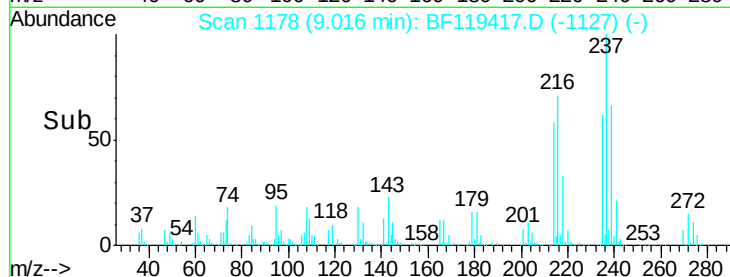
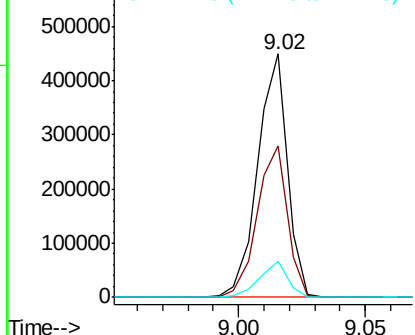
#41
Hexachlorocyclopentadiene
Concen: 42.632 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.5	82.5
272	15.2	0.0	34.3

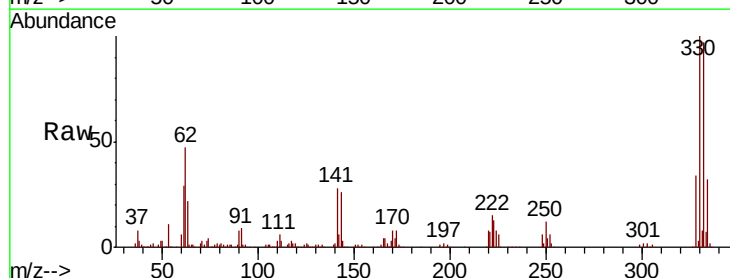


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

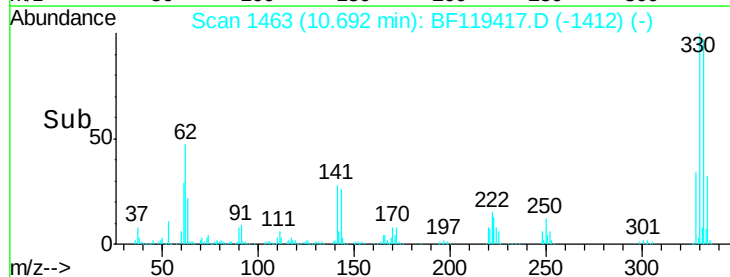
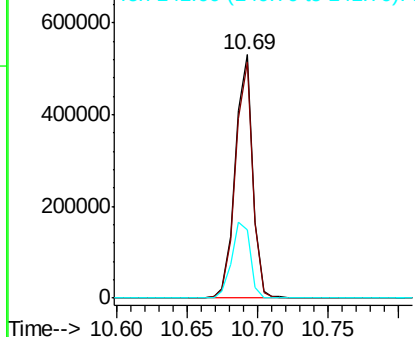


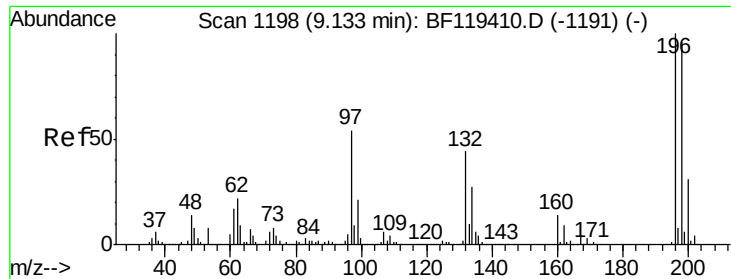
#42
2,4,6-Tribromophenol
Concen: 85.298 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	33.5	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

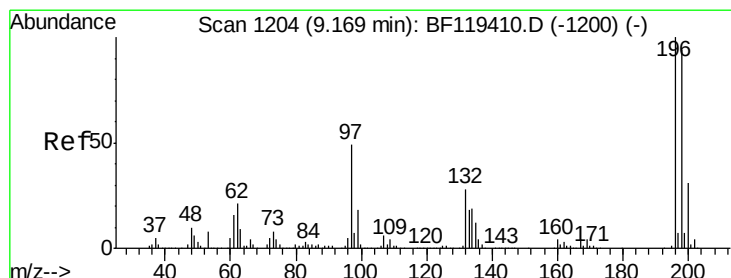
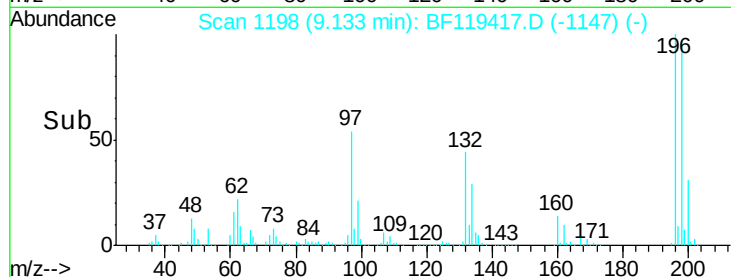
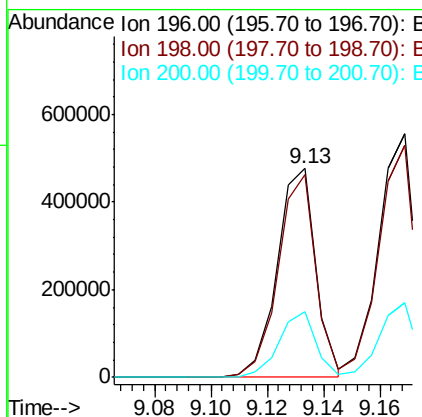
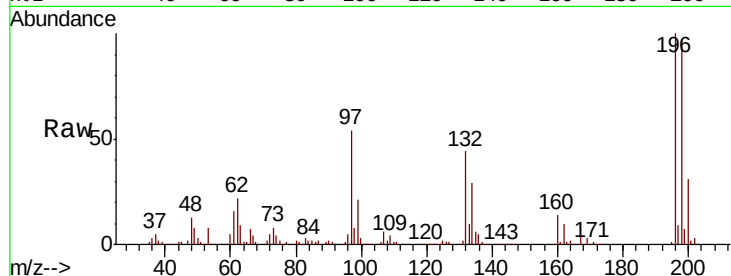




#43
 2,4,6-Trichlorophenol
 Concen: 41.509 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

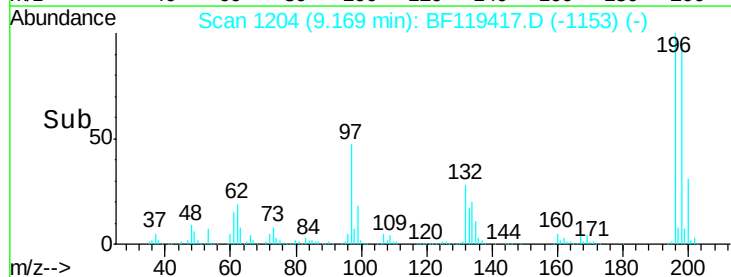
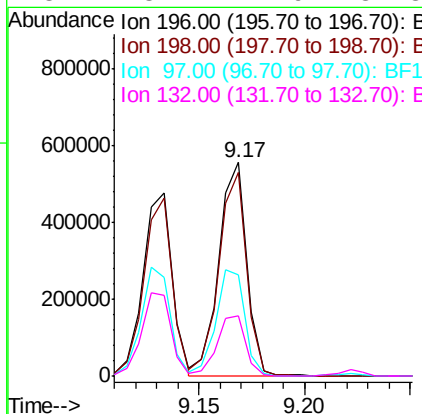
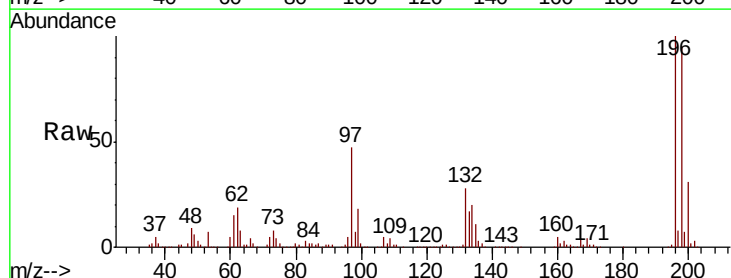
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

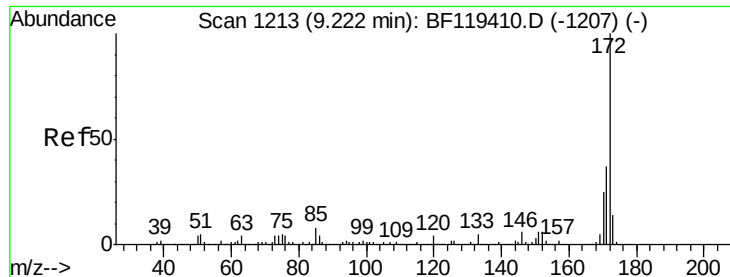
Tot Ion:196	Resp:	450816
Ion	Ratio	Lower Upper
196	100	
198	97.3	77.0 115.4
200	31.4	25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 41.691 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion:196	Resp:	507228
Ion	Ratio	Lower Upper
196	100	
198	95.2	75.3 112.9
97	47.5	39.0 58.4
132	28.2	22.9 34.3

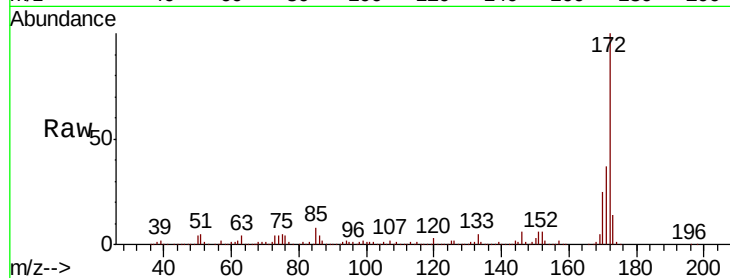




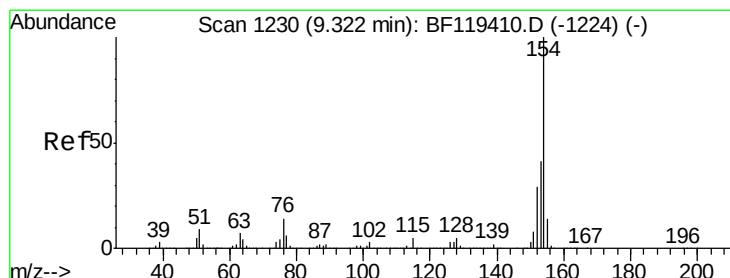
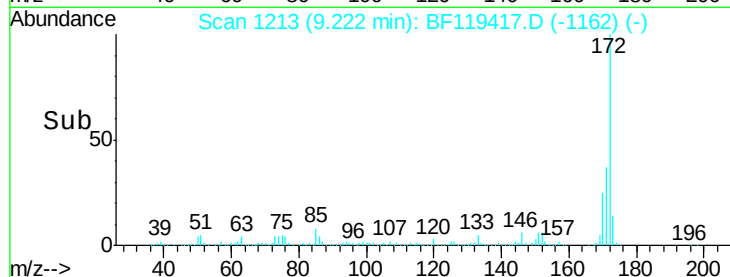
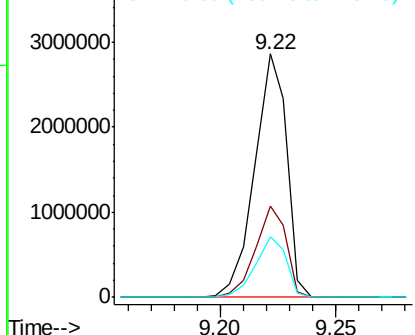
#45
2-Fluorobiphenyl
Concen: 79.125 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2765432
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 24.8 20.1 30.1

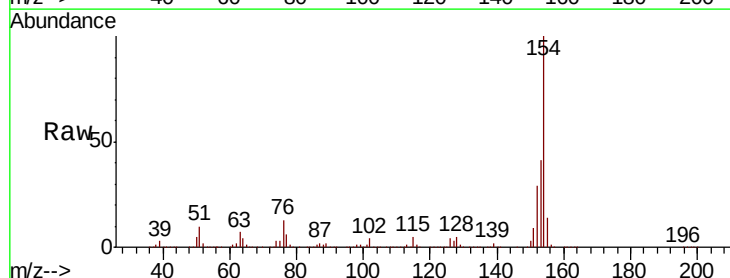


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

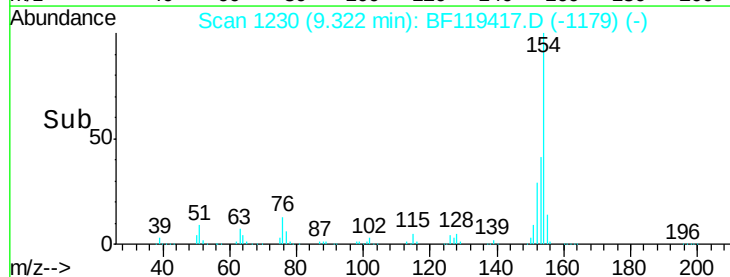
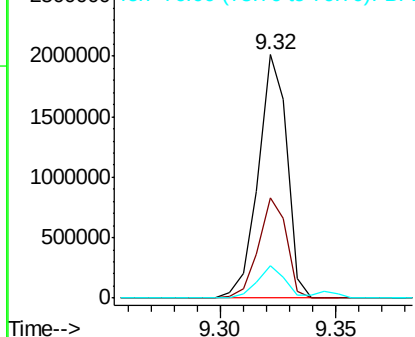


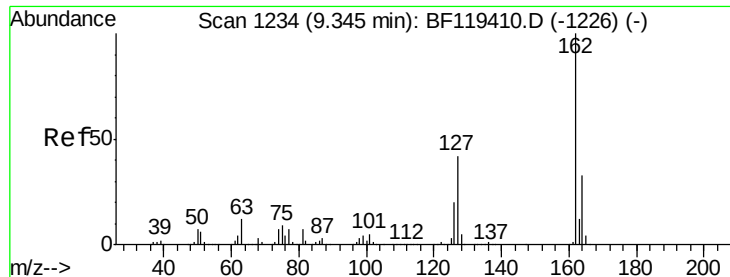
#46
1,1'-Biphenyl
Concen: 41.414 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:154 Resp: 1746447
Ion Ratio Lower Upper
154 100
153 40.9 21.4 61.4
76 13.5 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

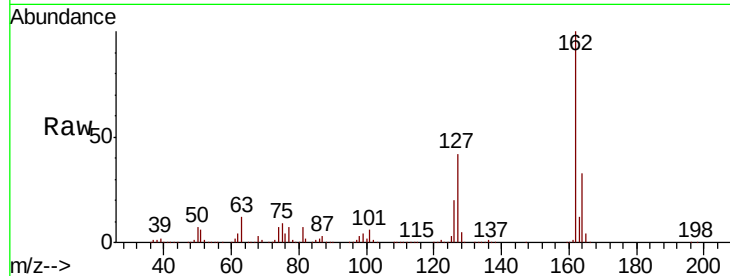




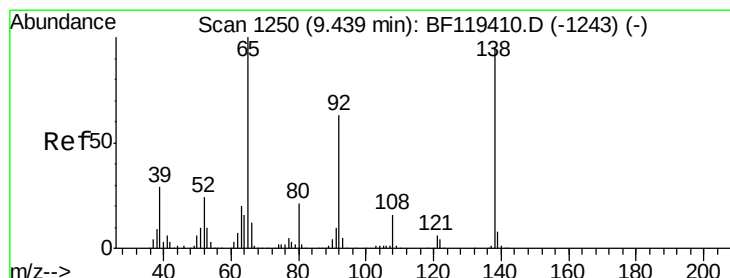
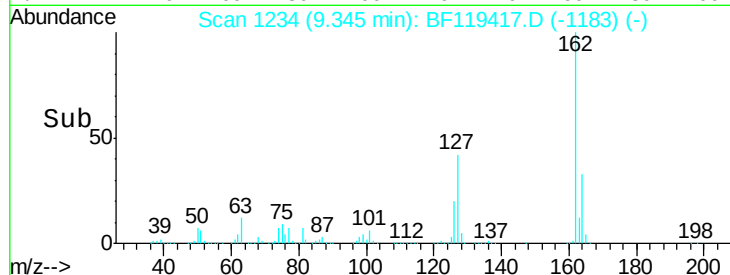
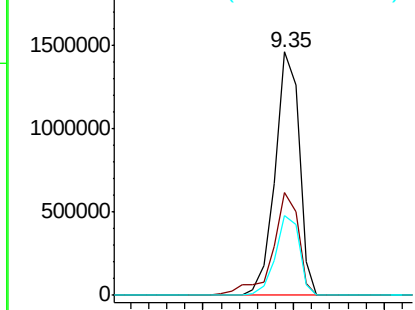
#47
 2-Chloronaphthalene
 Concen: 40.876 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 1350224
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.7 50.5
 164 33.0 26.2 39.4

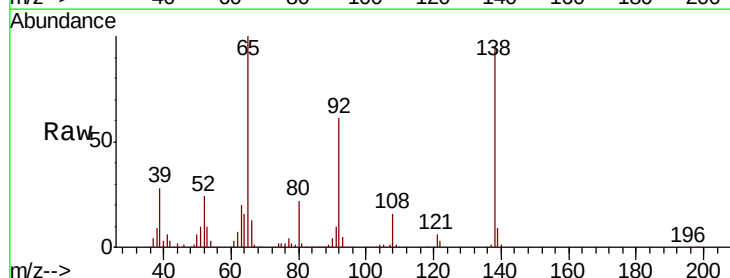


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

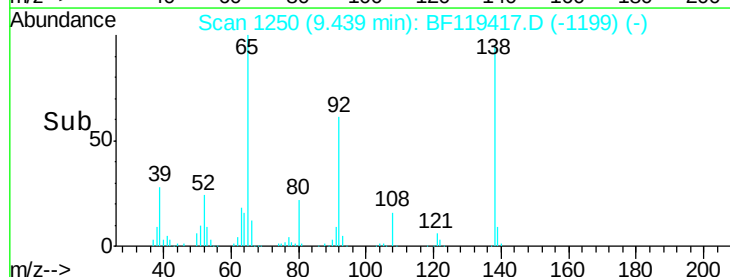
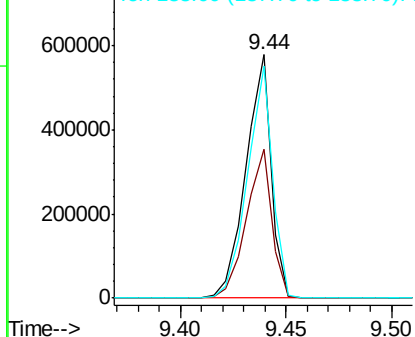


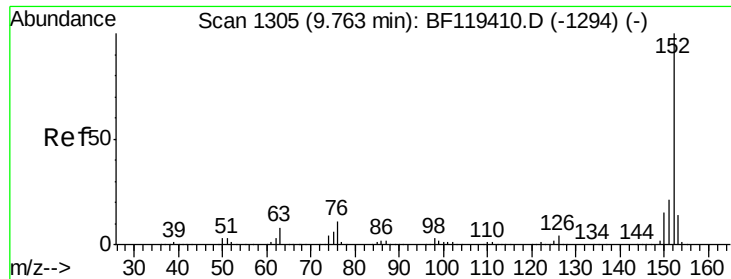
#48
 2-Nitroaniline
 Concen: 42.245 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion: 65 Resp: 481659
 Ion Ratio Lower Upper
 65 100
 92 61.1 50.5 75.7
 138 95.3 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 800000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.537 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

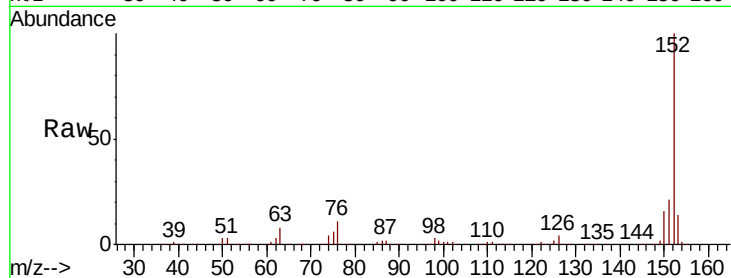
Tot Ion:152 Resp: 2102781

Ion Ratio Lower Upper

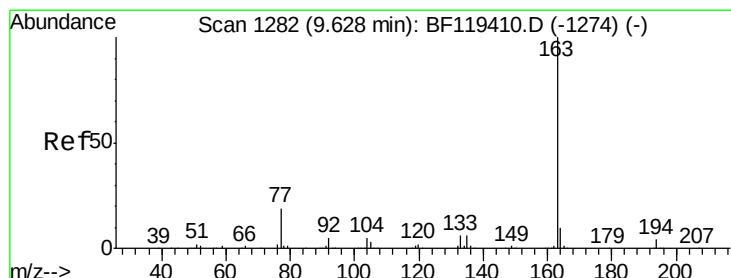
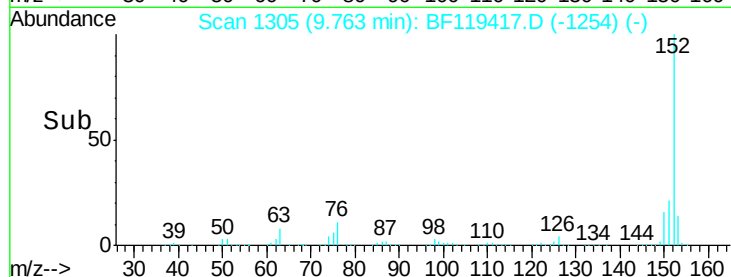
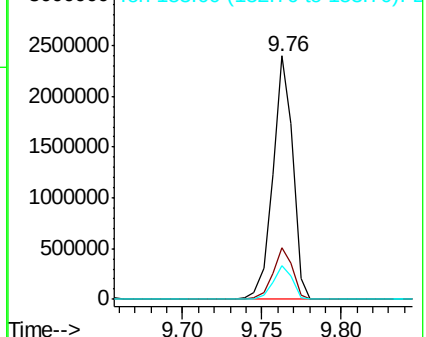
152 100

151 21.3 16.8 25.2

153 14.0 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.324 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

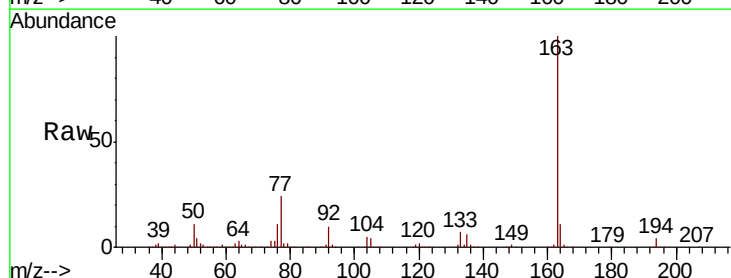
Tgt Ion:163 Resp: 1519797

Ion Ratio Lower Upper

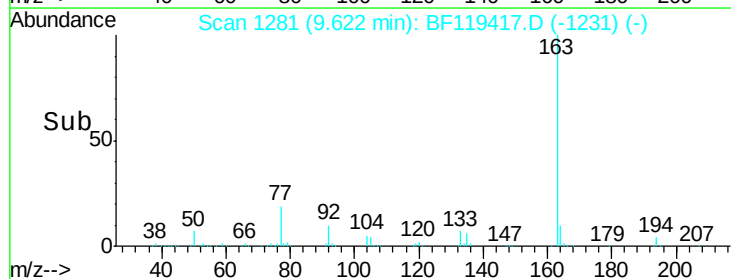
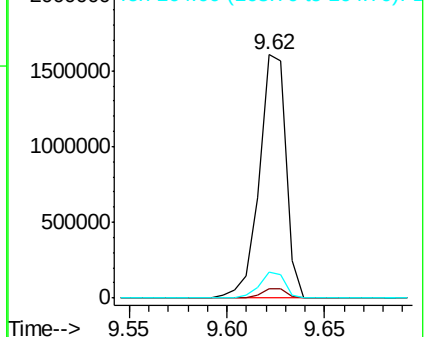
163 100

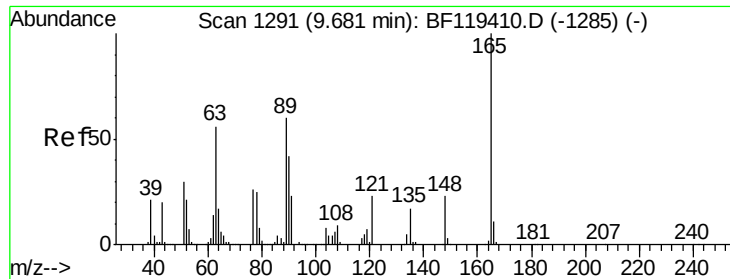
194 3.9 3.2 4.8

164 10.7 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

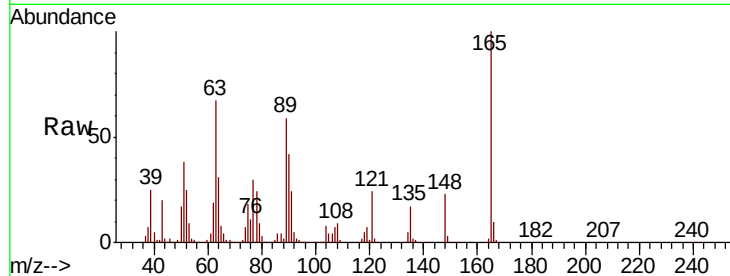




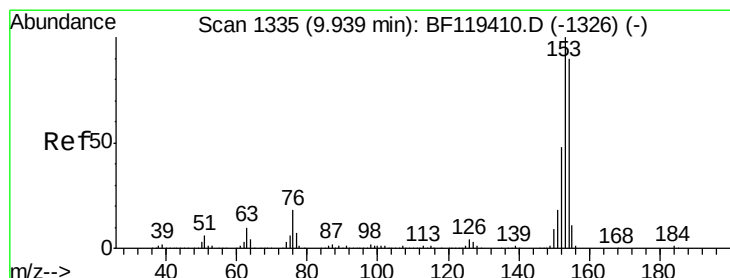
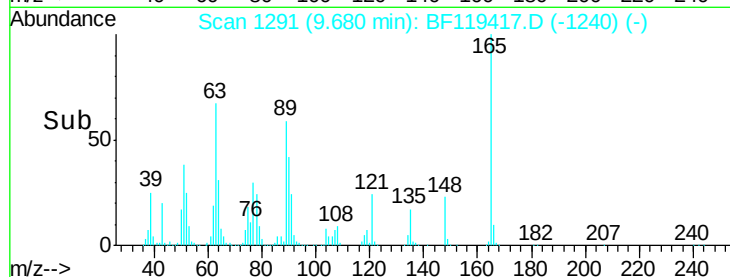
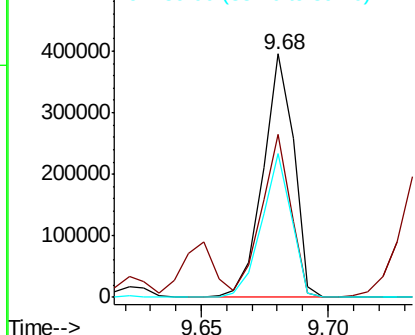
#51
 2,6-Dinitrotoluene
 Concen: 42.669 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 336368
 Ion Ratio Lower Upper
 165 100
 63 67.2 57.3 85.9
 89 59.3 47.8 71.8

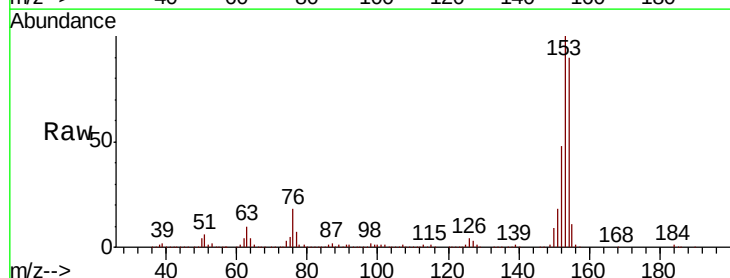


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

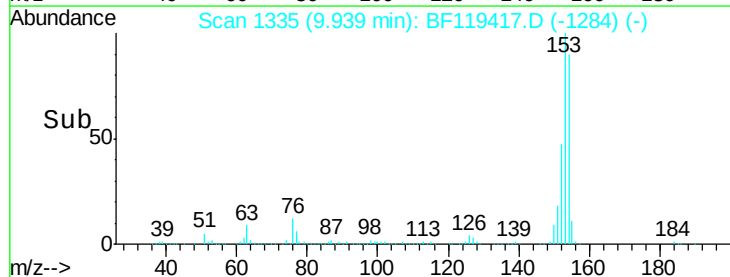
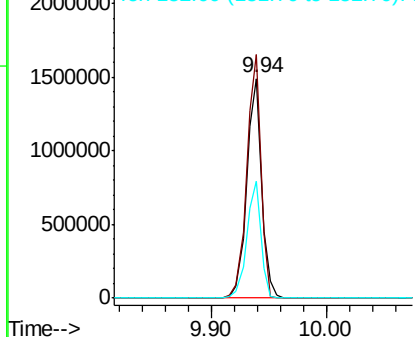


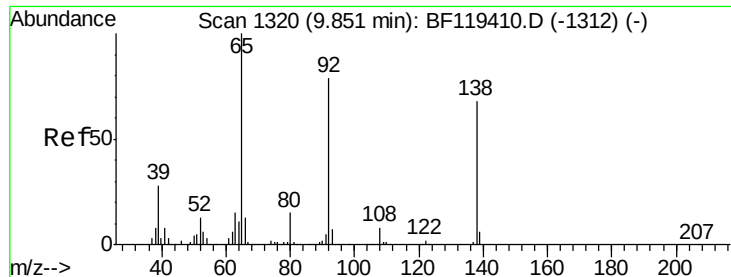
#52
 Acenaphthene
 Concen: 41.057 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion:154 Resp: 1327720
 Ion Ratio Lower Upper
 154 100
 153 110.8 89.0 133.6
 152 52.9 43.1 64.7



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

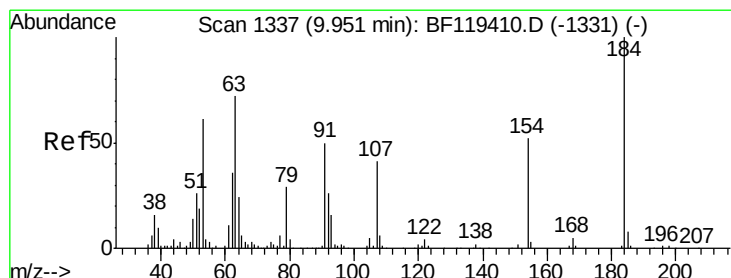
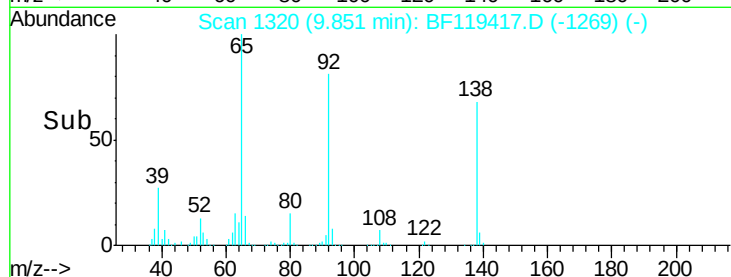
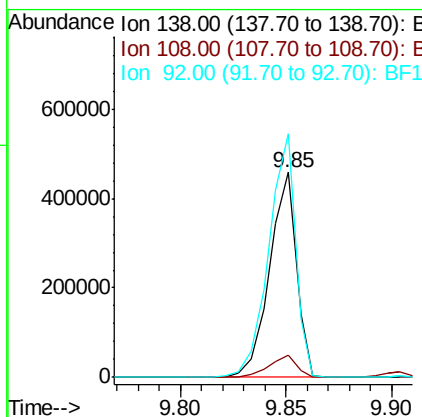
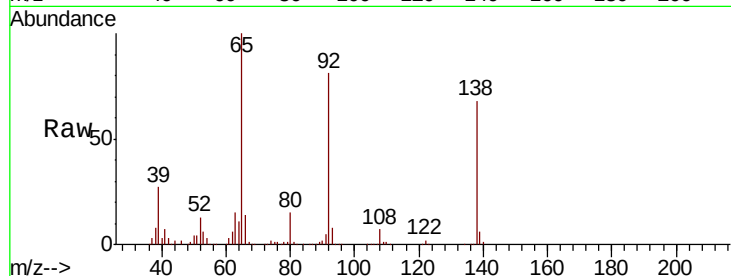




#53
3-Nitroaniline
Concen: 40.743 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

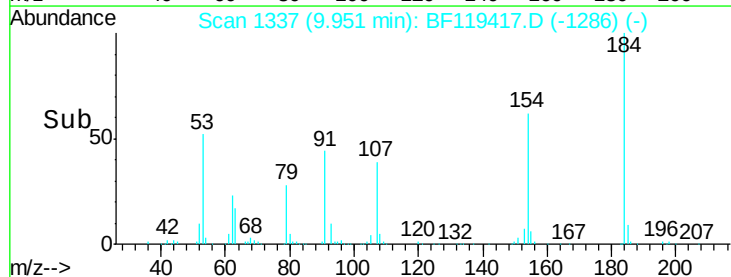
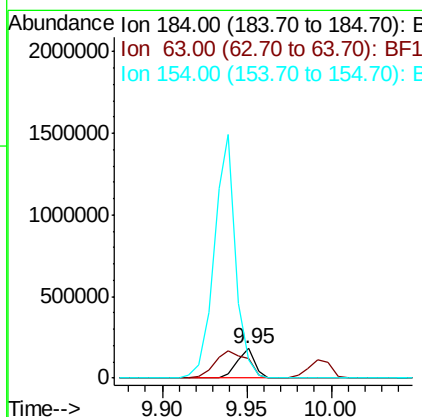
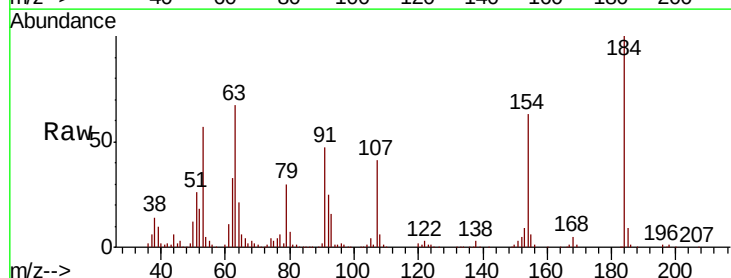
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

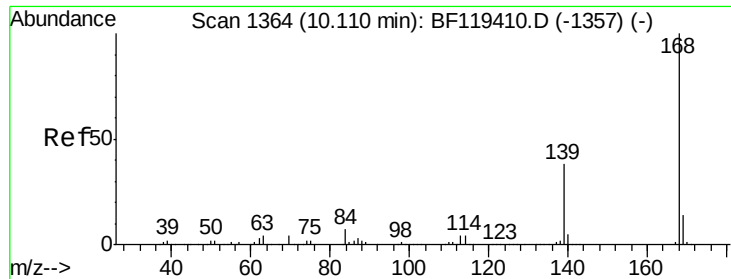
Tot Ion:138 Resp: 405483
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 118.8 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 41.739 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:184 Resp: 129320
Ion Ratio Lower Upper
184 100
63 66.9 58.5 87.7
154 62.5 51.8 77.6





#55

Dibenzenofuran

Concen: 40.733 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

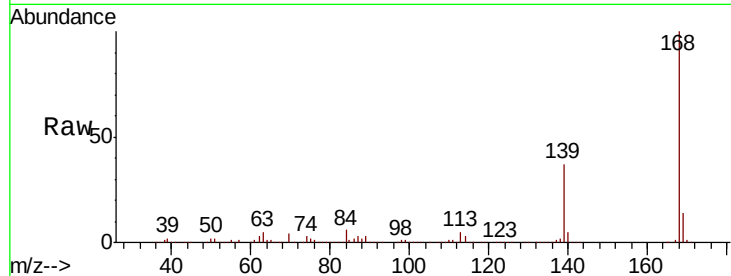
Tot Ion:168 Resp: 1888592

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.4

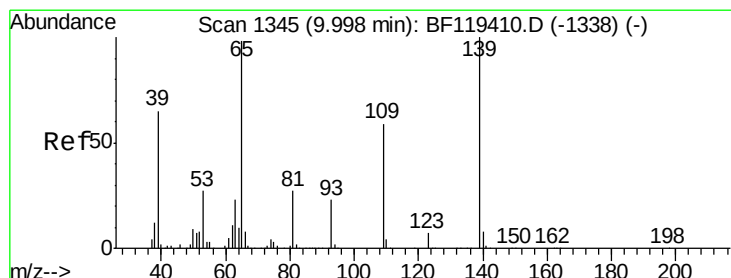
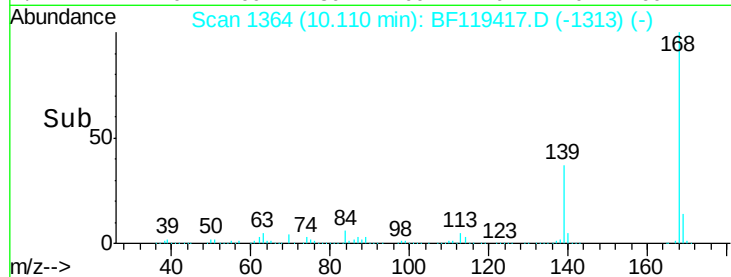
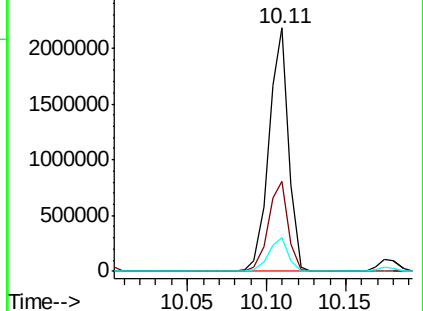
169 13.6 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.410 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

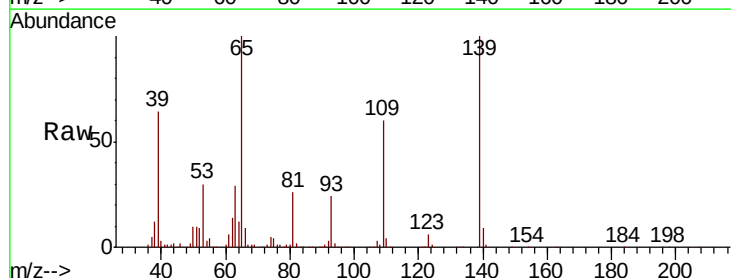
Tgt Ion:139 Resp: 325113

Ion Ratio Lower Upper

139 100

109 60.7 39.6 79.6

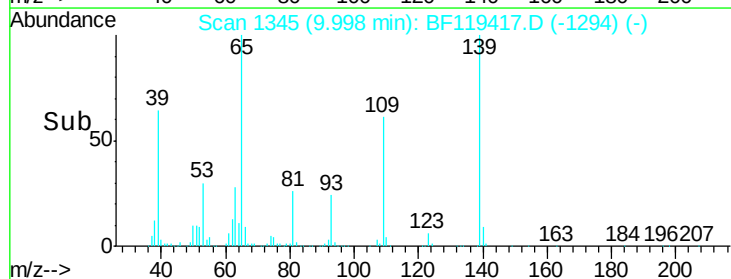
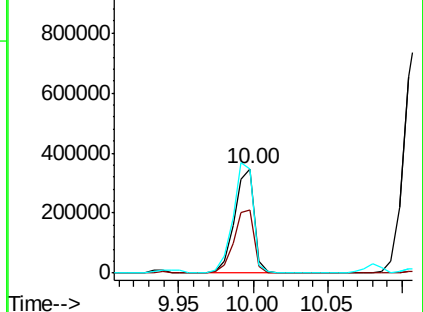
65 100.4 78.3 118.3

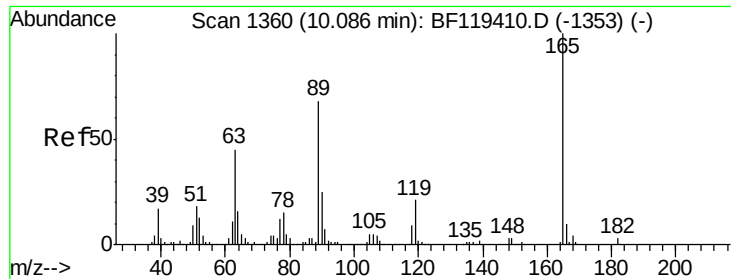


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

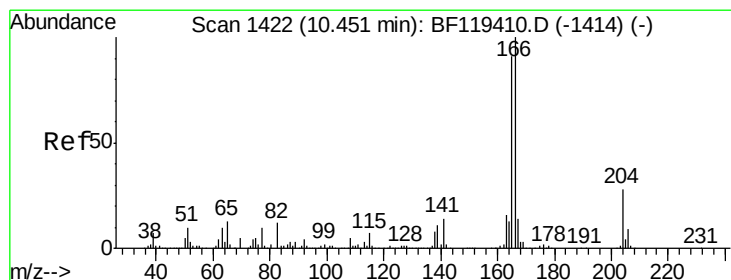
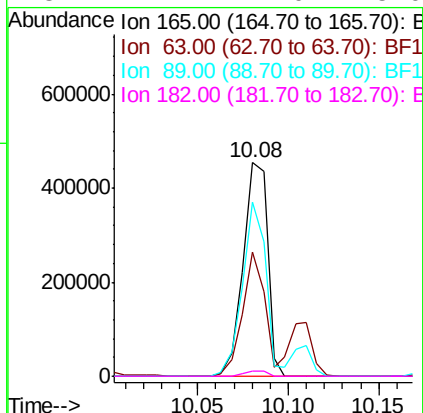
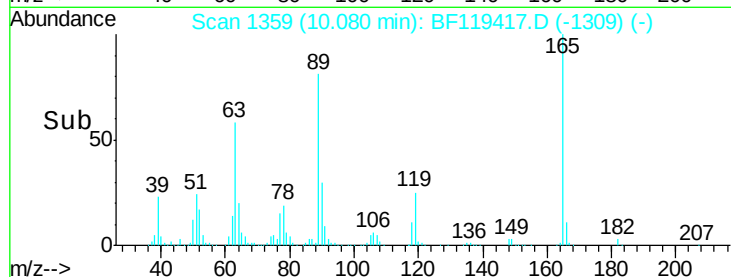
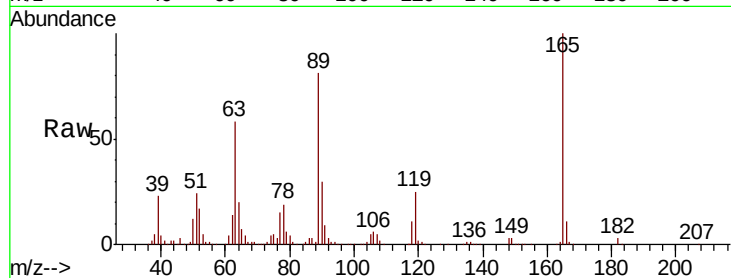




#57
2,4-Dinitrotoluene
Concen: 42.995 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

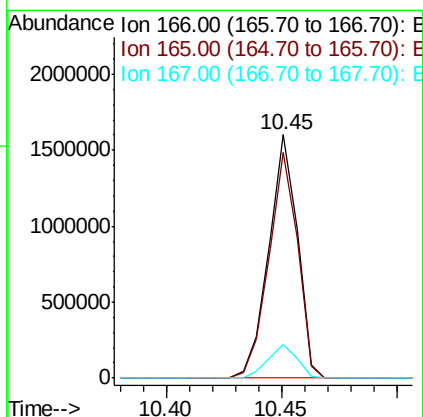
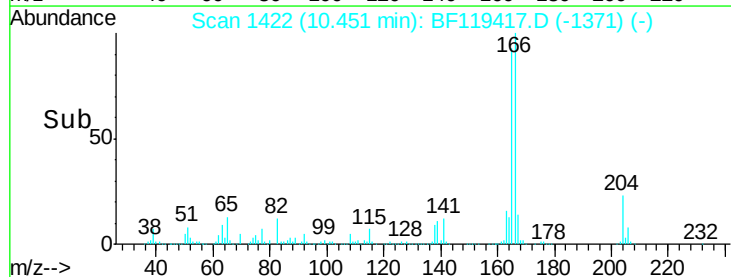
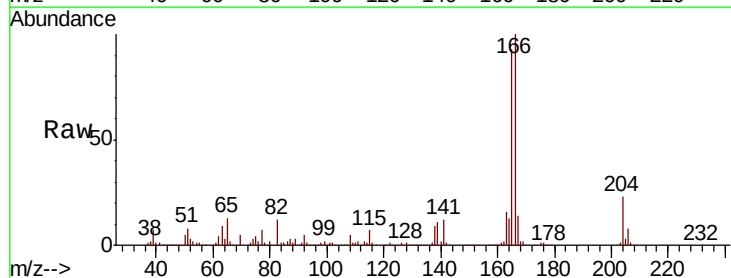
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

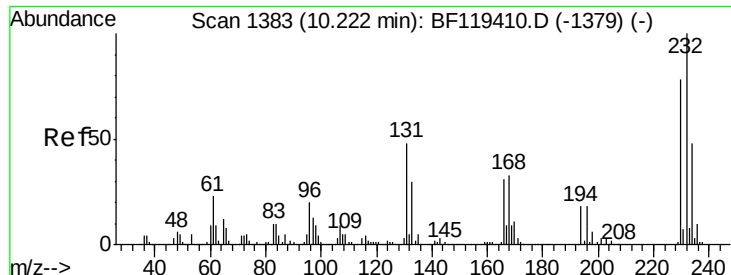
Tot Ion:165 Resp: 426963
Ion Ratio Lower Upper
165 100
63 58.0 36.2 54.4#
89 81.2 54.3 81.5
182 2.7 2.0 3.0



#58
Fluorene
Concen: 40.332 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:166 Resp: 1382851
Ion Ratio Lower Upper
166 100
165 92.8 73.1 109.7
167 14.1 11.0 16.6

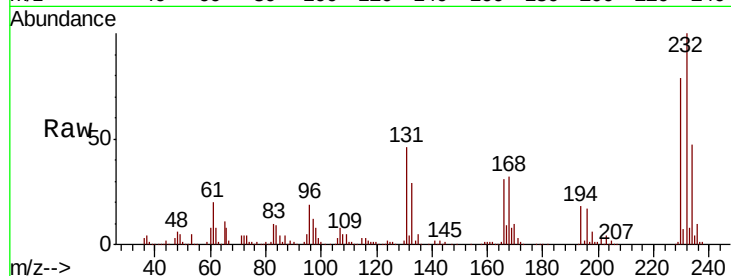




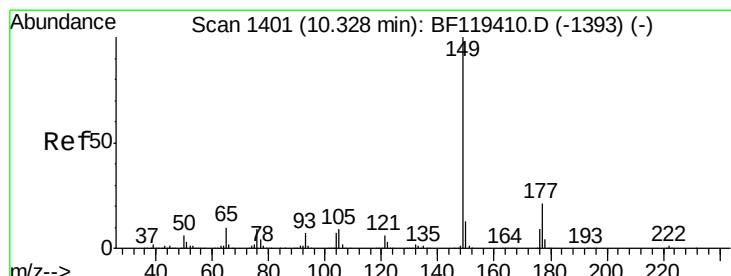
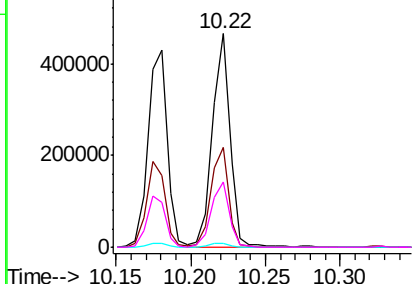
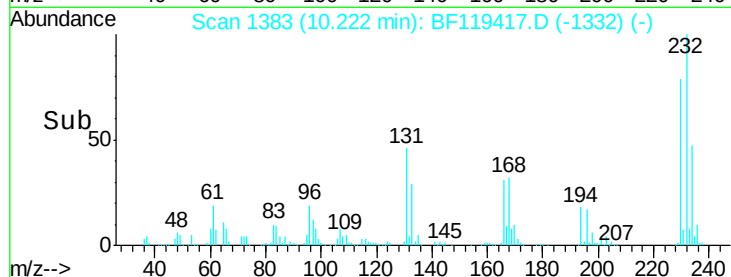
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.938 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232 Resp: 381393
 Ion Ratio Lower Upper
 232 100
 131 46.8 36.3 54.5
 130 2.1 1.8 2.6
 166 31.6 24.9 37.3

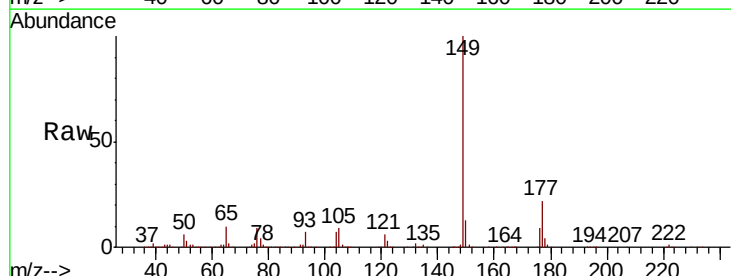


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

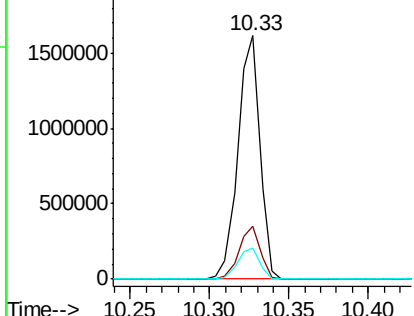
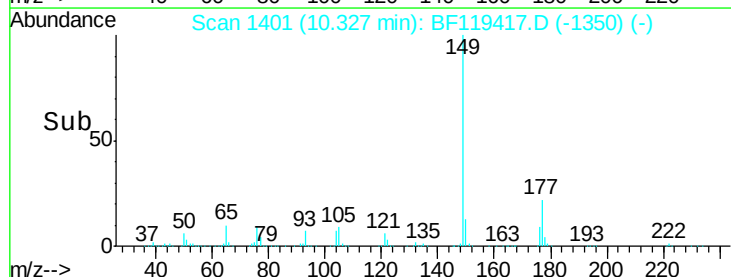


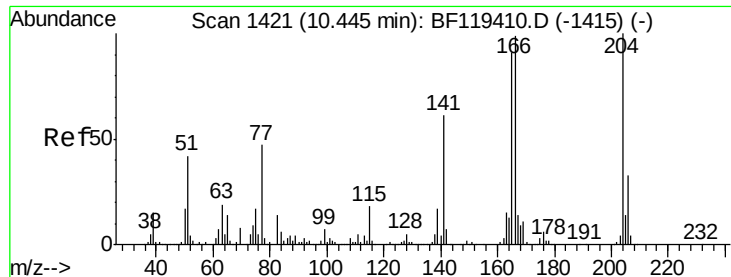
#60
 Diethylphthalate
 Concen: 41.488 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion:149 Resp: 1548633
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.0 25.6
 150 12.6 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

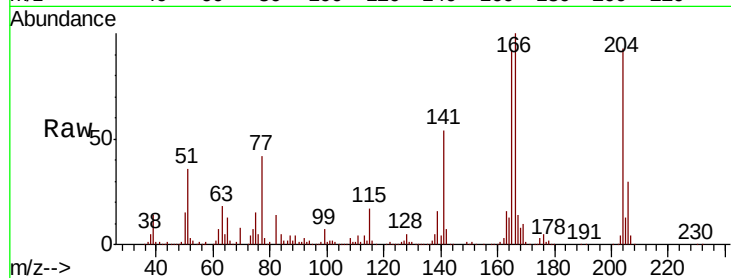




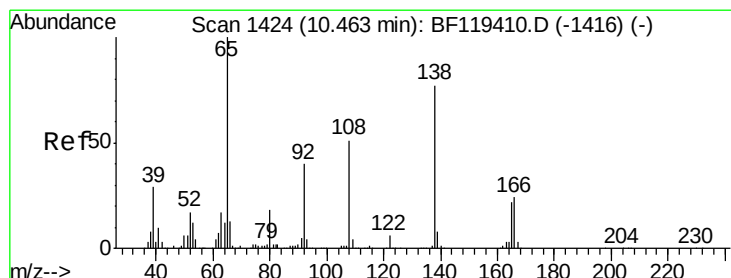
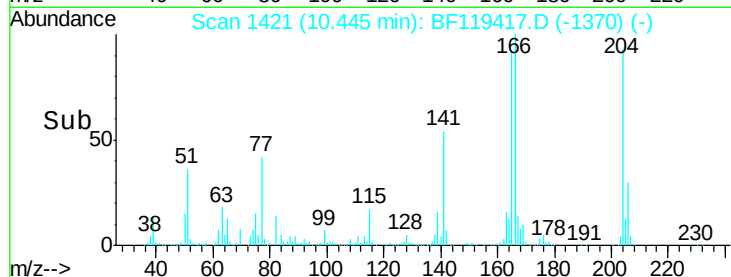
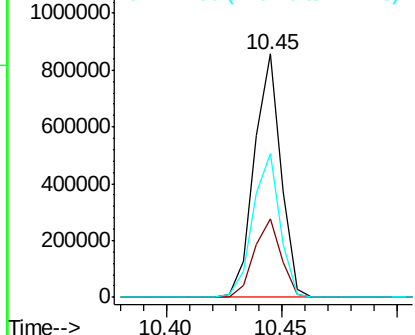
#61
4-Chlorophenyl-phenylether
Concen: 41.348 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 693270
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 58.8 48.8 73.2

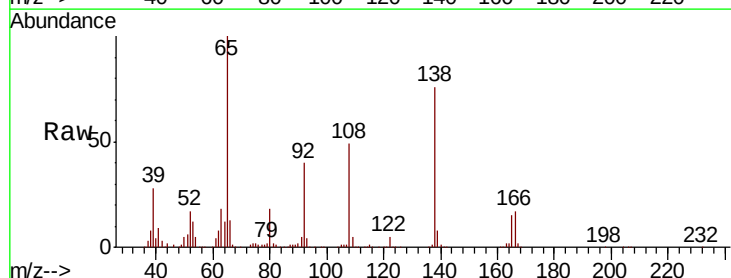


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

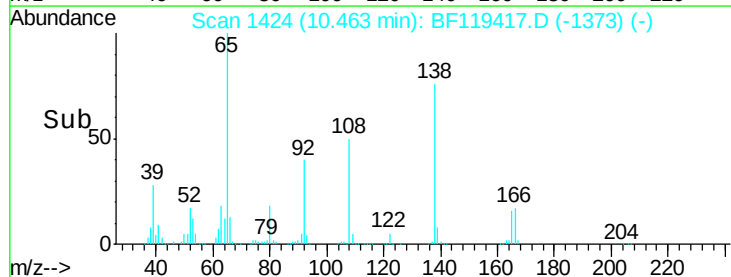
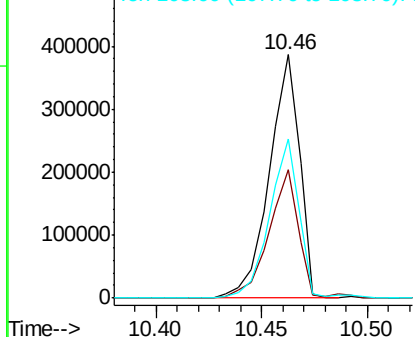


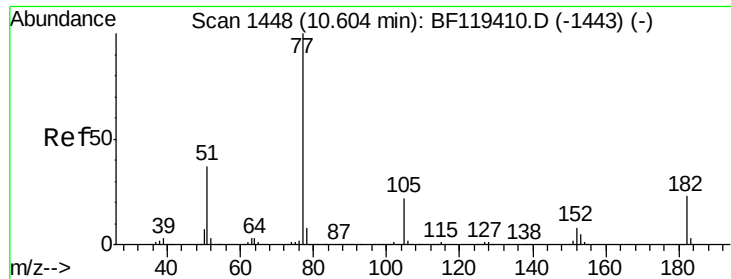
#62
4-Nitroaniline
Concen: 40.303 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:138 Resp: 384638
Ion Ratio Lower Upper
138 100
92 52.5 32.0 72.0
108 65.4 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

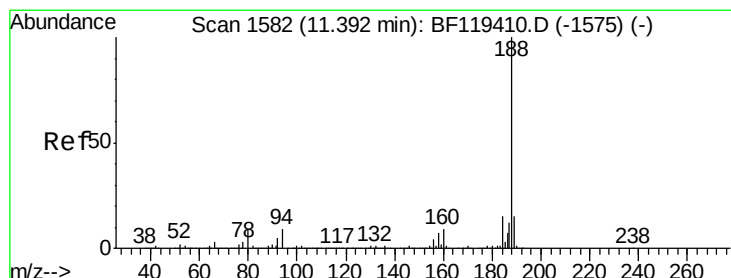
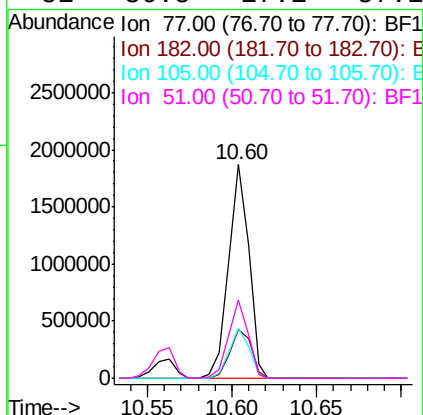
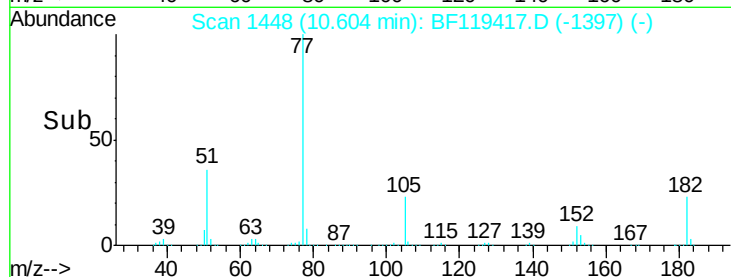
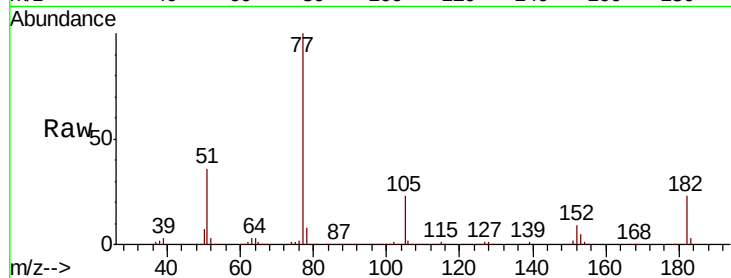




#63
Azobenzene
Concen: 41.218 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

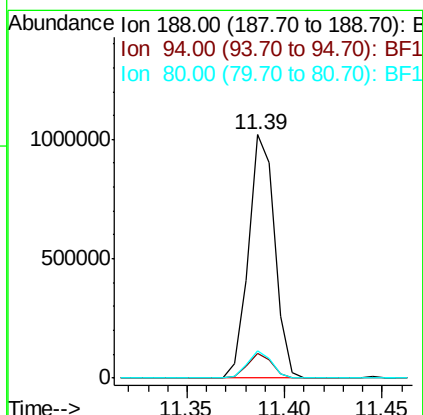
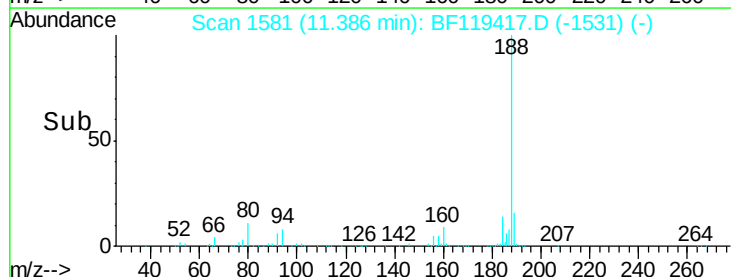
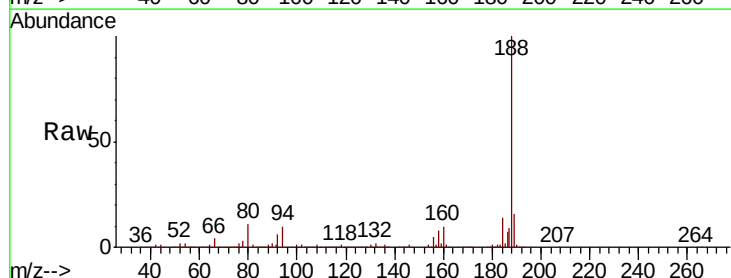
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

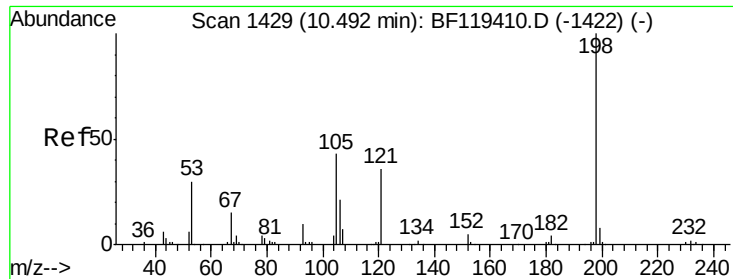
Tot Ion: 77 Resp: 1549330
Ion Ratio Lower Upper
77 100
182 23.0 2.5 42.5
105 23.2 2.5 42.5
51 36.5 17.1 57.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion: 188 Resp: 944940
Ion Ratio Lower Upper
188 100
94 10.4 7.1 10.7
80 11.4 7.5 11.3#

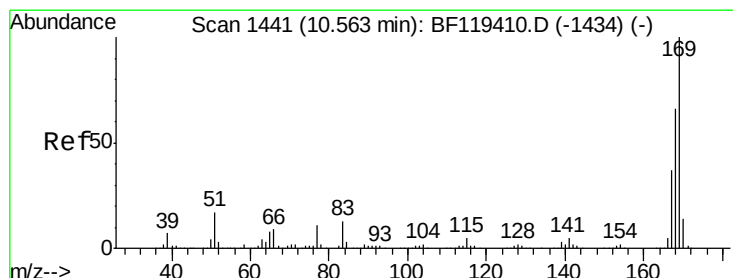
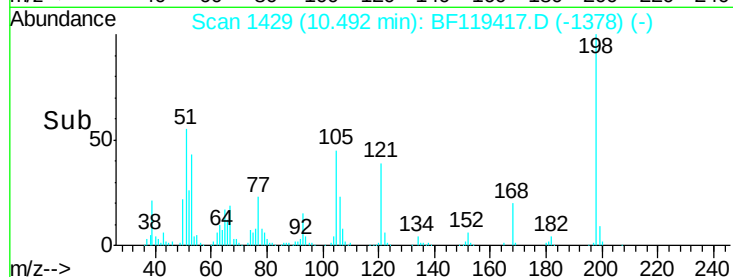
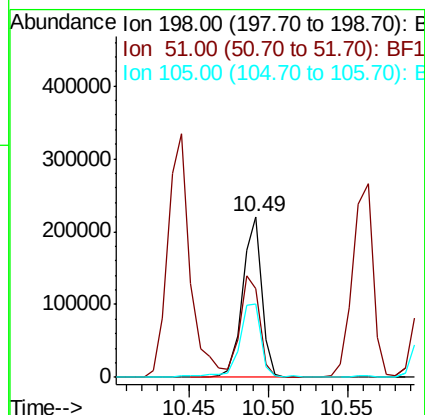
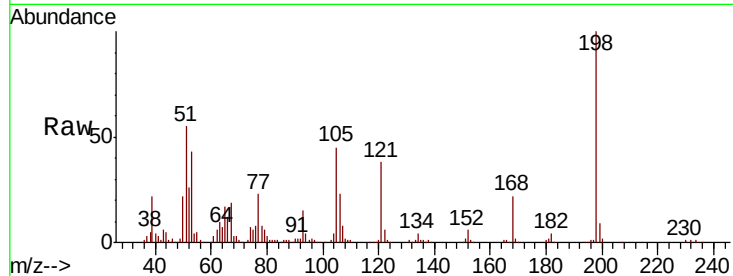




#65
4,6-Dinitro-2-methylphenol
Concen: 46.629 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

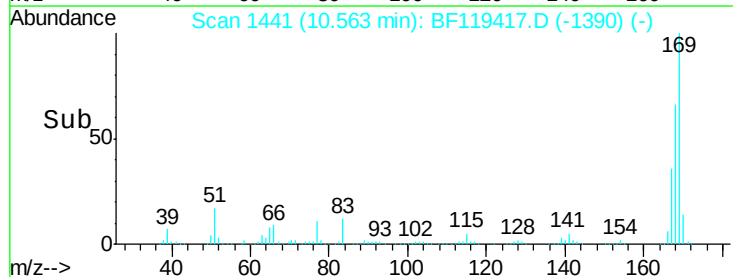
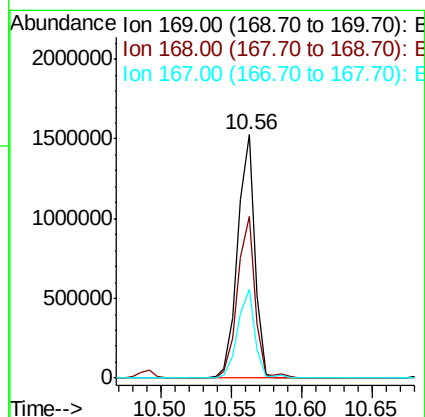
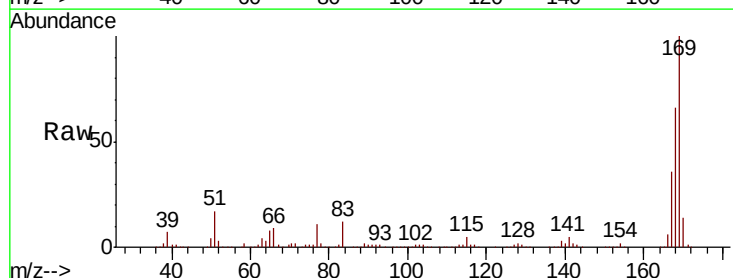
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

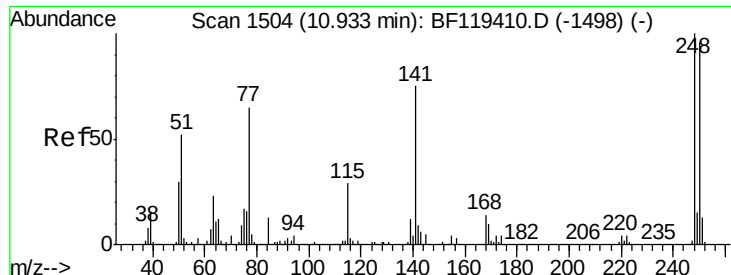
Tot Ion:198 Resp: 184763
Ion Ratio Lower Upper
198 100
51 55.1 33.1 73.1
105 45.3 24.1 64.1



#66
n-Nitrosodiphenylamine
Concen: 41.569 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:169 Resp: 1289523
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 36.4 29.3 43.9

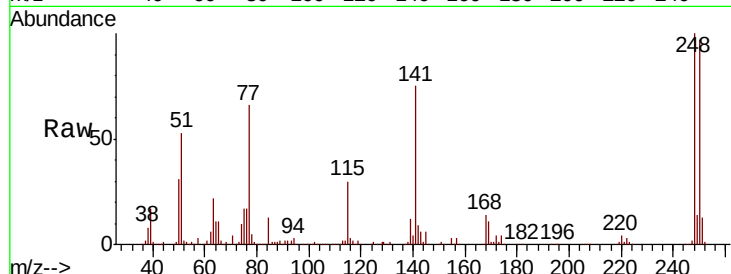




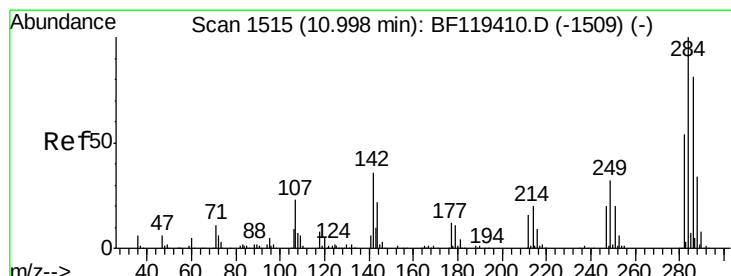
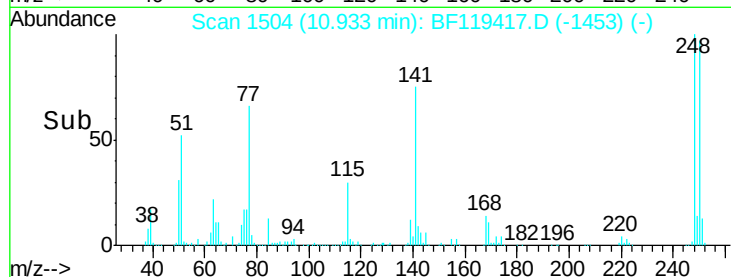
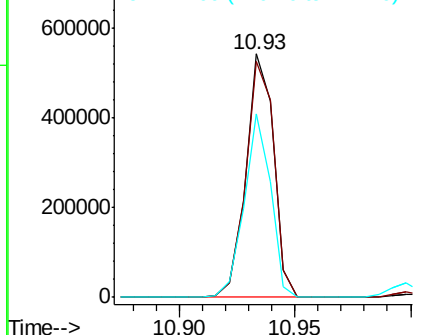
#67
4-Bromophenyl-phenylether
Concen: 42.355 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 455808
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.6
141 75.2 59.7 89.5

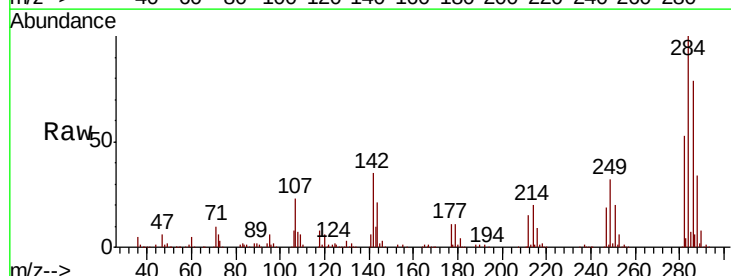


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

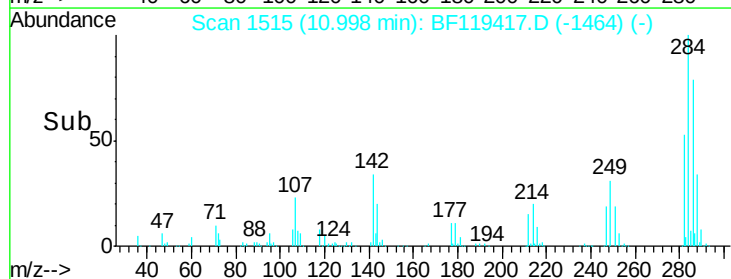
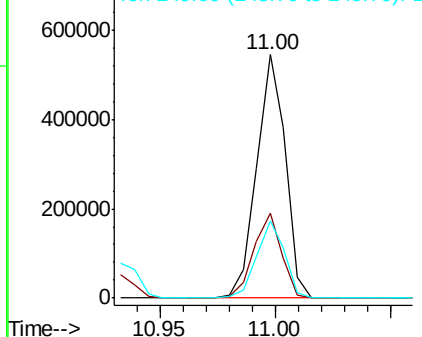


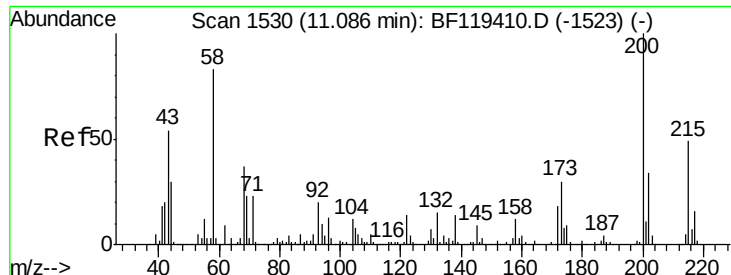
#68
Hexachlorobenzene
Concen: 42.707 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:284 Resp: 470386
Ion Ratio Lower Upper
284 100
142 34.6 28.7 43.1
249 31.8 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: 42.344 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

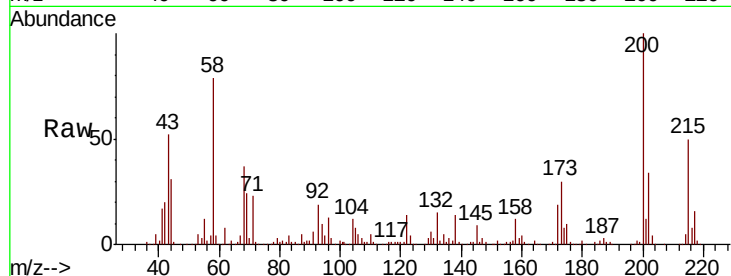
Tot Ion:200 Resp: 360110

Ion Ratio Lower Upper

200 100

173 29.7 9.9 49.9

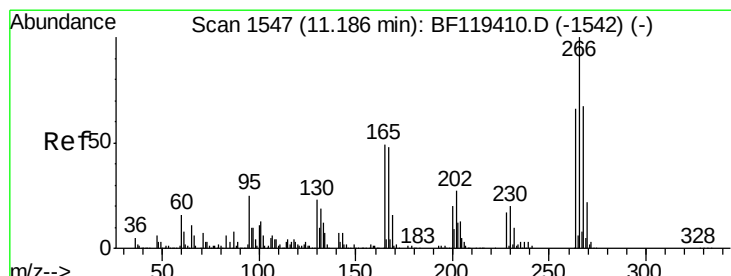
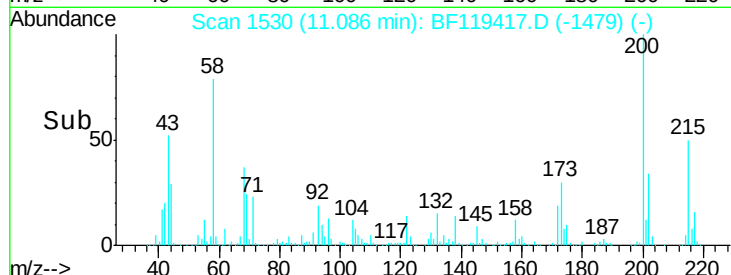
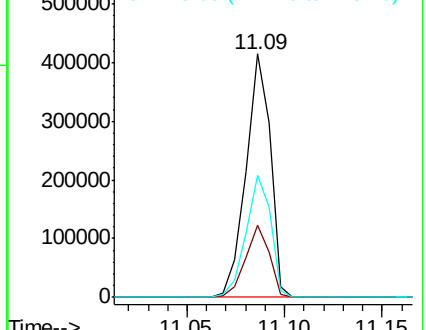
215 50.2 29.4 69.4



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: 43.482 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

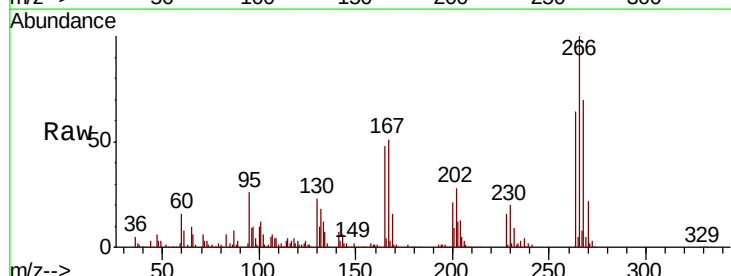
Tgt Ion:266 Resp: 280818

Ion Ratio Lower Upper

266 100

268 69.7 53.7 80.5

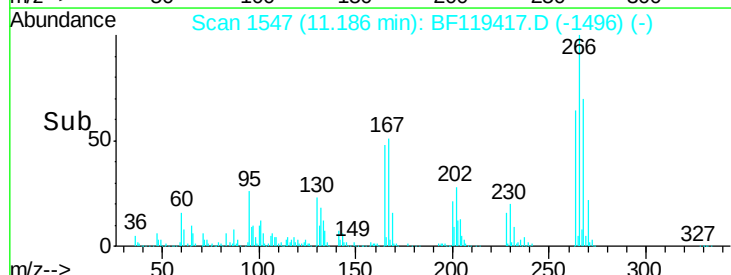
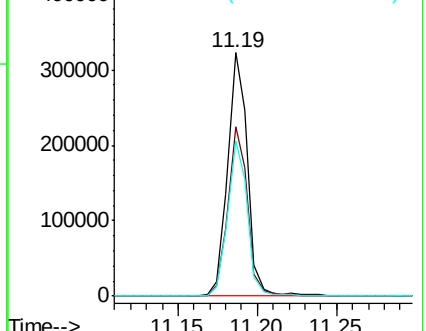
264 63.8 52.5 78.7

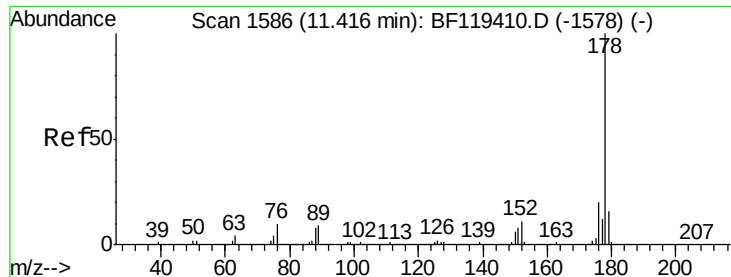


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.874 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

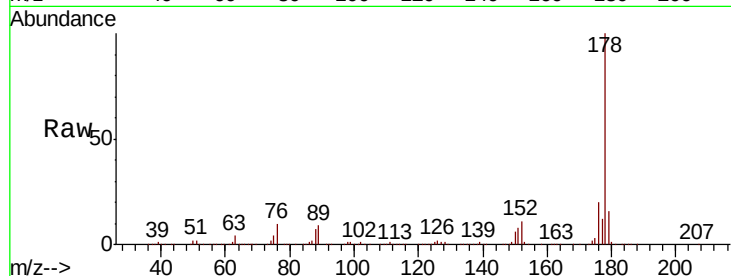
Tot Ion:178 Resp: 2051736

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

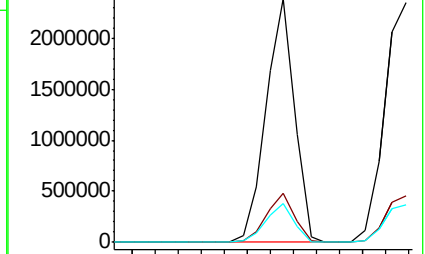
179 15.9 12.9 19.3



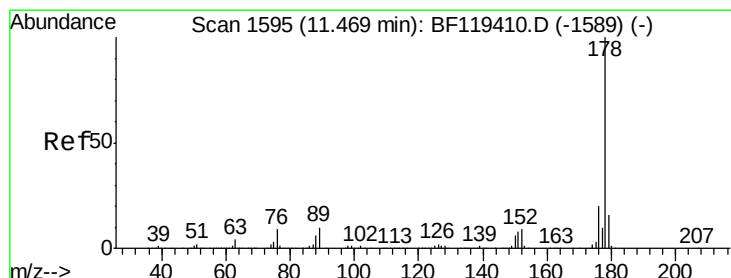
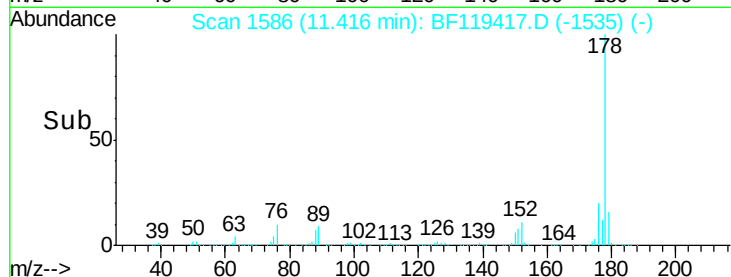
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.35 11.40 11.45



#72

Anthracene

Concen: 42.256 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

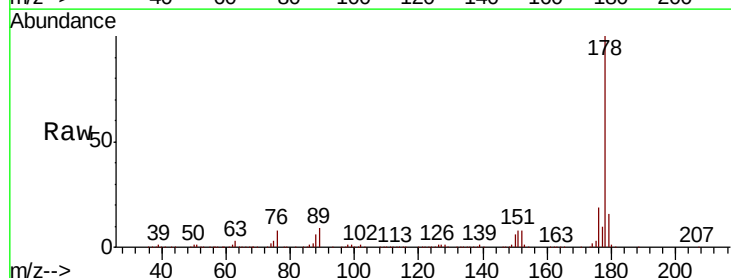
Tgt Ion:178 Resp: 2104300

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

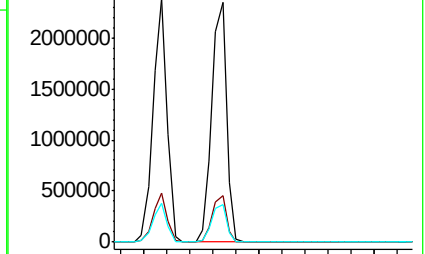
179 15.9 13.1 19.7



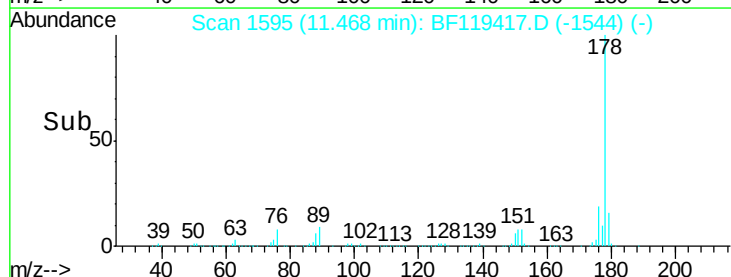
Abundance Ion 178.00 (177.70 to 178.70): E

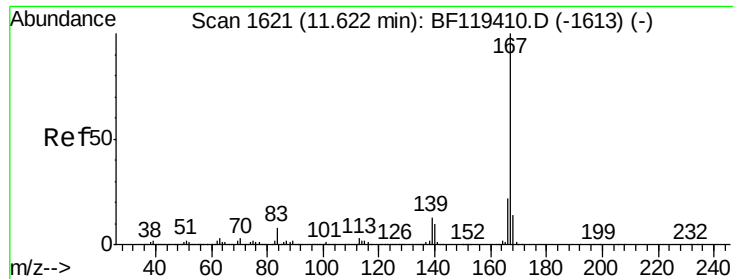
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.40 11.50 11.60





#73

Carbazole

Concen: 40.817 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

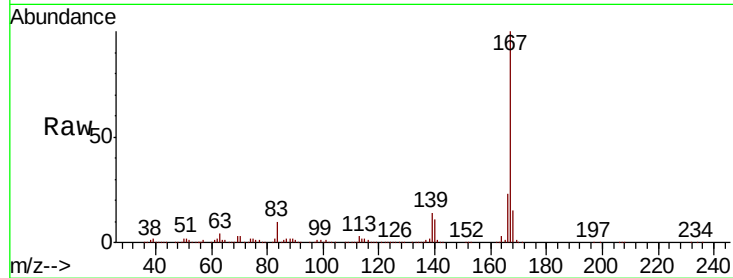
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2011879

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	13.7	10.2	15.4

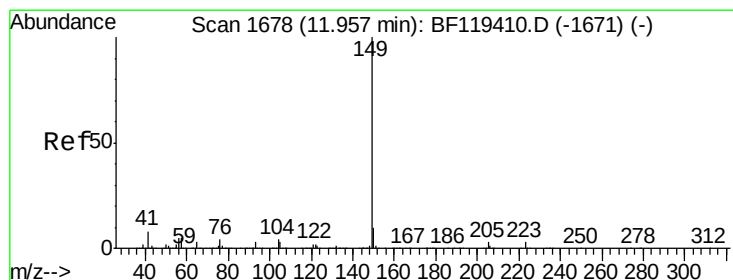
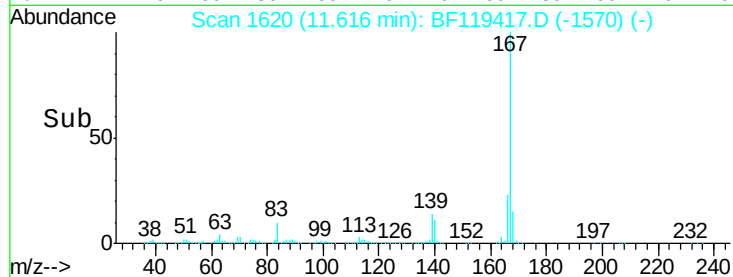
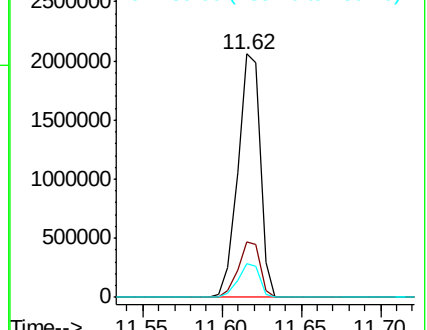


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.014 ng

RT: 11.96 min Scan# 1678

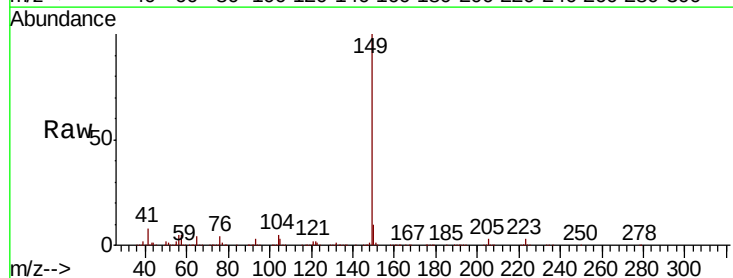
Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Tgt Ion:149 Resp: 2320746

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	4.6	3.5	5.3

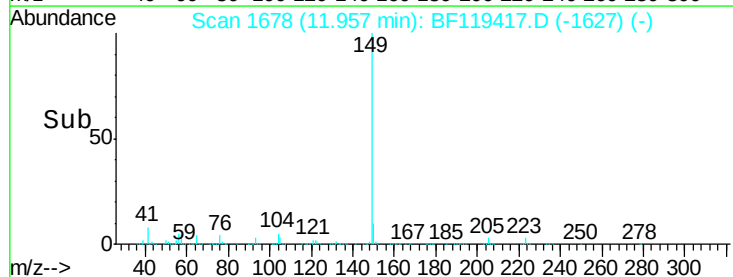
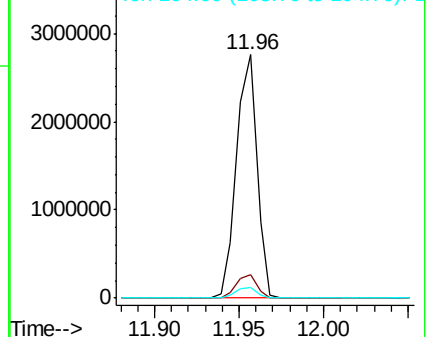


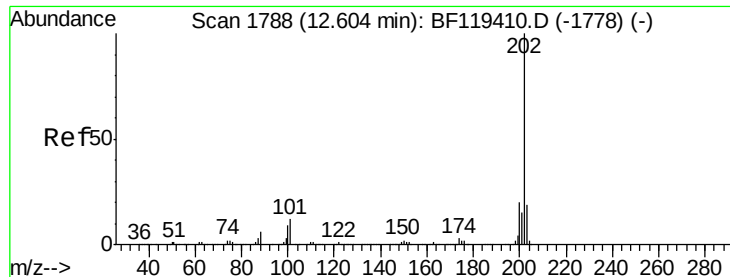
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.262 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

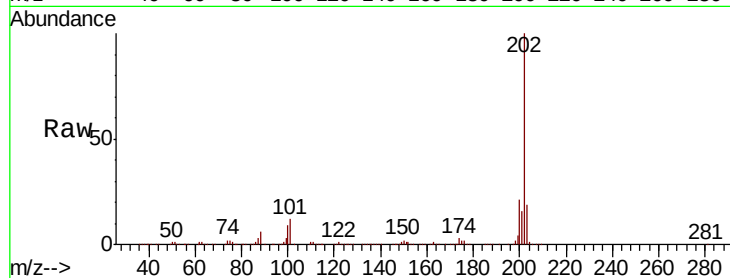
Tot Ion:202 Resp: 2187987

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.4

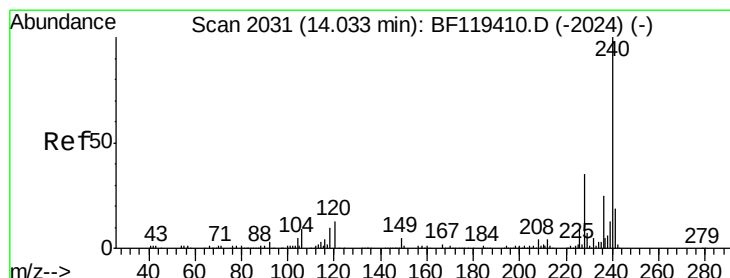
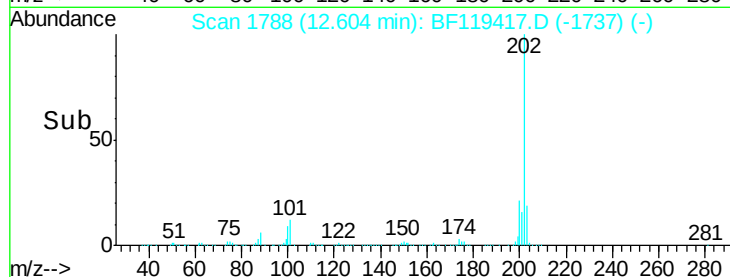
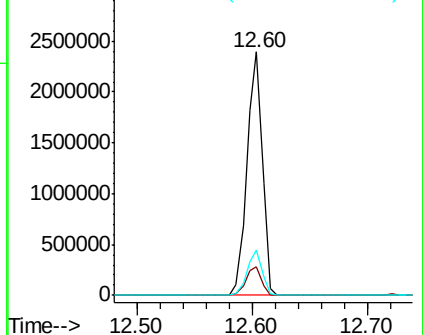
203 18.8 0.0 38.5



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: BF119417.D

Acq: 18 Mar 2020 15:59

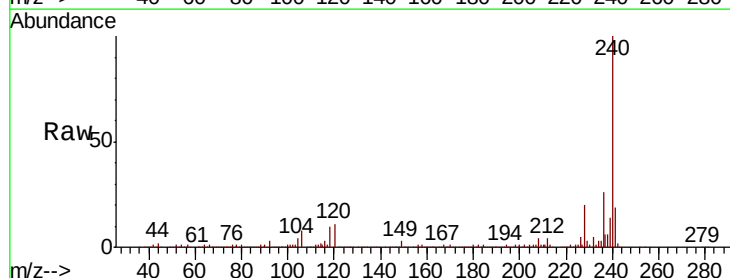
Tgt Ion:240 Resp: 647331

Ion Ratio Lower Upper

240 100

120 10.8 10.2 15.4

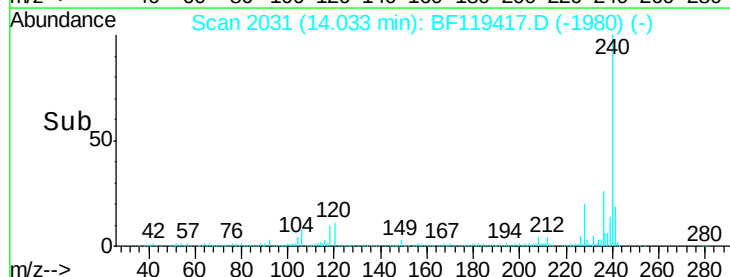
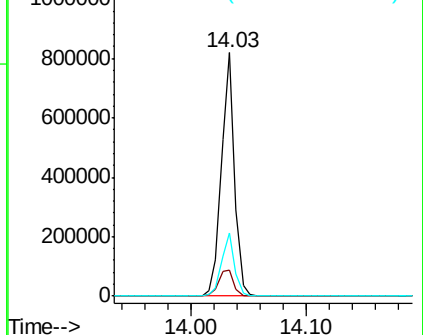
236 25.8 20.4 30.6

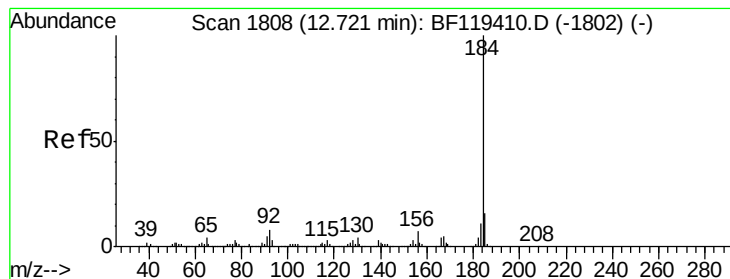


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.985 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

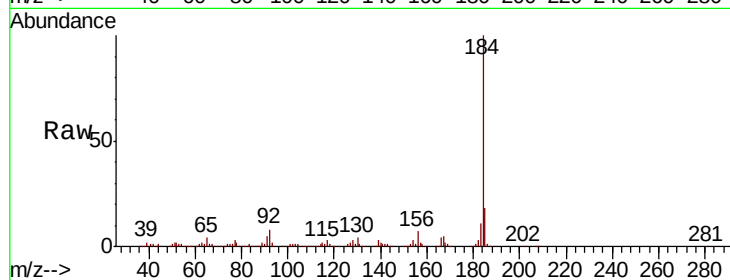
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1177583

Ion	Ratio	Lower	Upper
184	100		
185	18.0	12.9	19.3
183	10.8	9.0	13.4

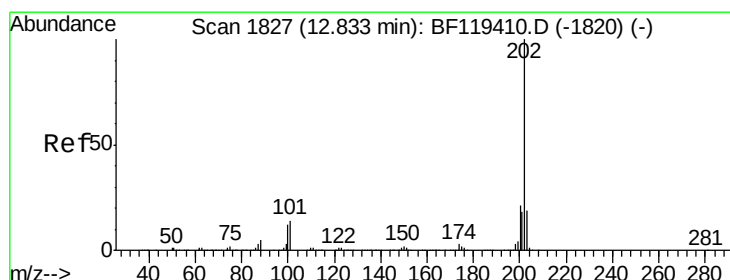
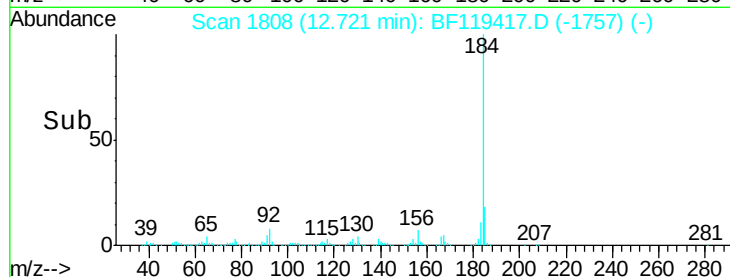
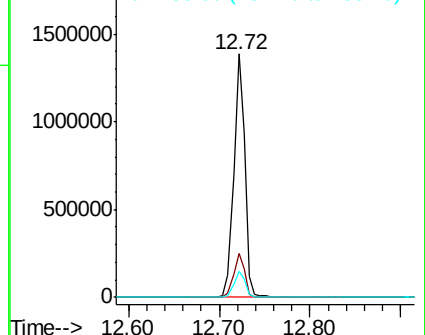


Abundance

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: 42.112 ng

RT: 12.83 min Scan# 1827

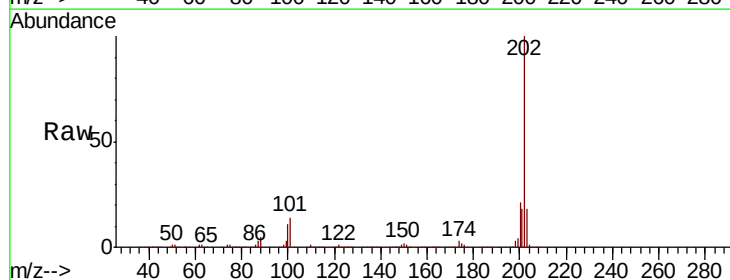
Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Tgt Ion:202 Resp: 2237254

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.3	14.8	22.2

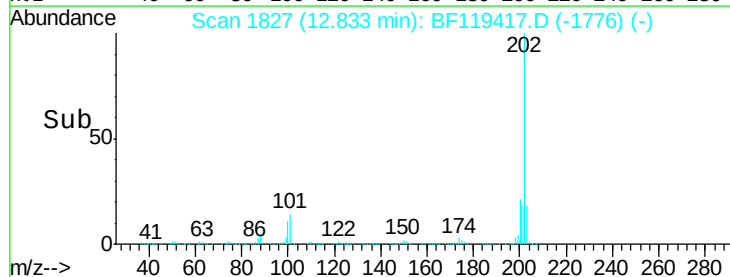
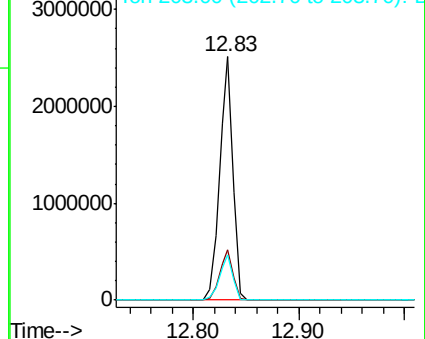


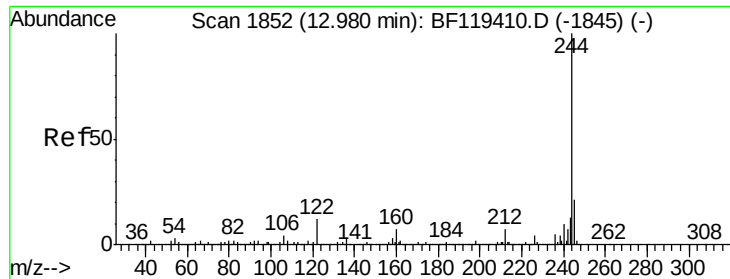
Abundance

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



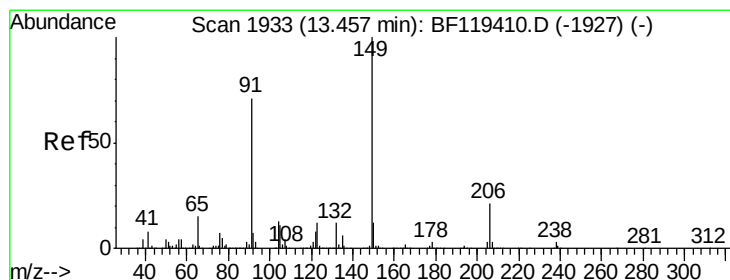
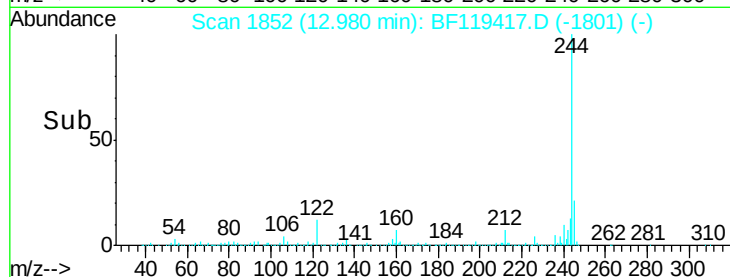
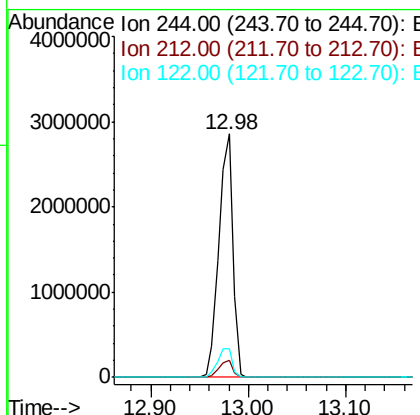
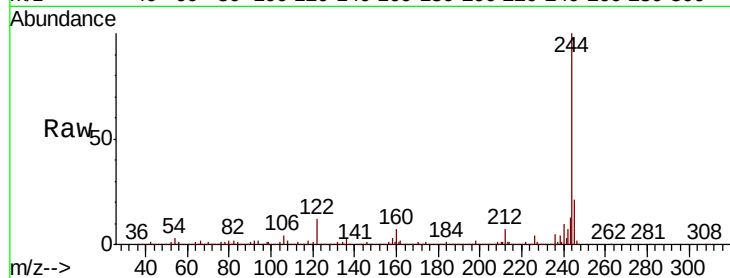


#79
 Terphenyl-d14
 Concen: 86.342 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 2852765

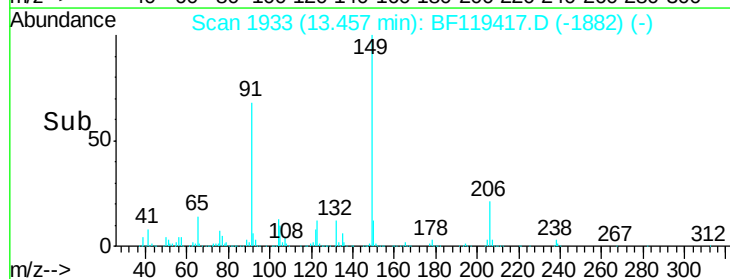
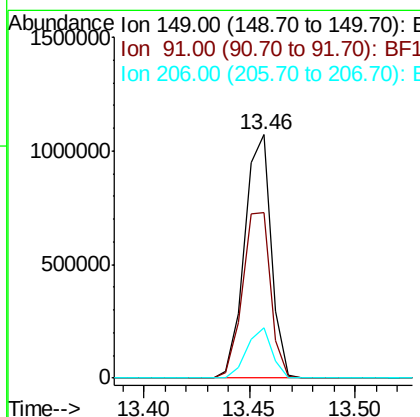
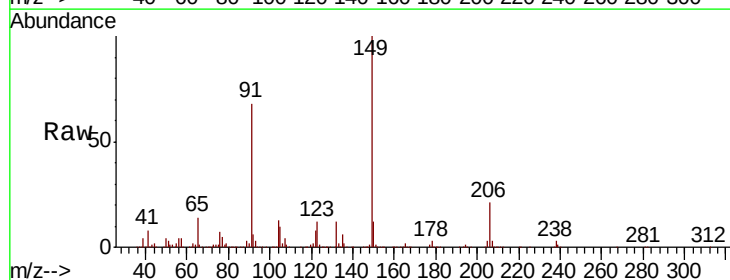
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.8	9.8	14.8

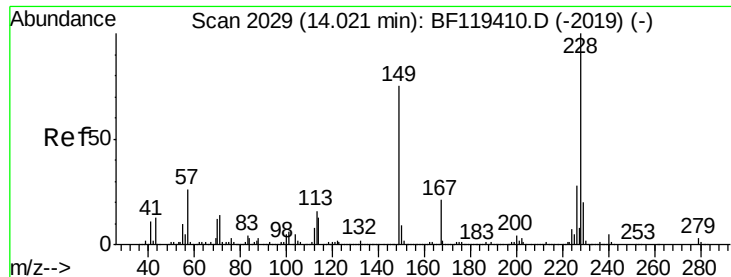


#80
 Butylbenzylphthalate
 Concen: 43.462 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BF119417.D
 Acq: 18 Mar 2020 15:59

Tgt Ion:149 Resp: 933861

Ion	Ratio	Lower	Upper
149	100		
91	67.9	57.0	85.6
206	20.8	16.4	24.6





#81

Benzo(a)anthracene

Concen: 41.094 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

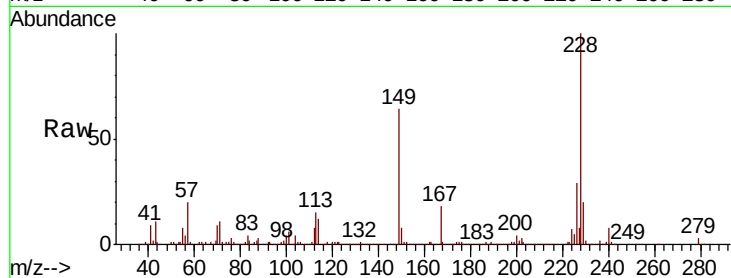
Tot Ion:228 Resp: 1729855

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

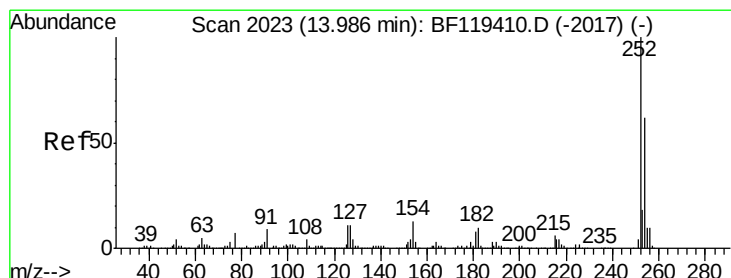
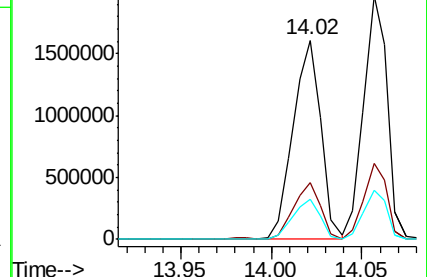
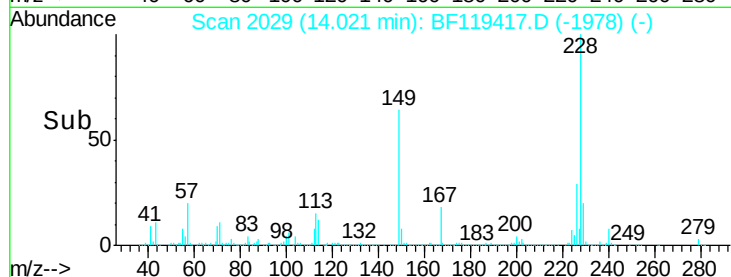
229 20.4 16.3 24.5



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: 41.301 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

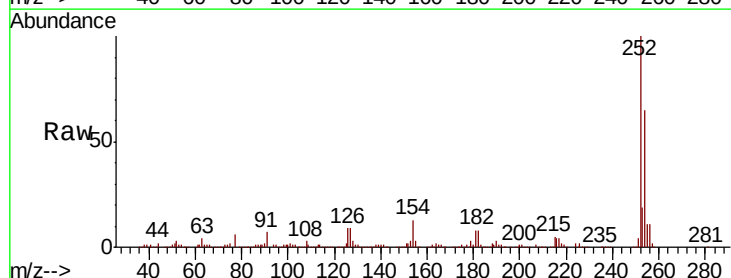
Tgt Ion:252 Resp: 685501

Ion Ratio Lower Upper

252 100

254 65.3 49.8 74.8

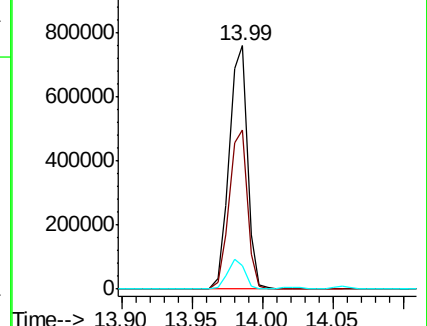
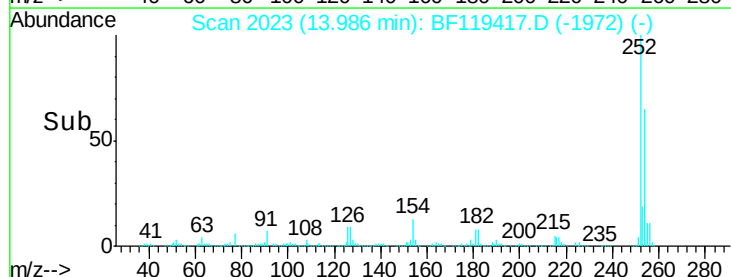
126 9.4 8.9 13.3

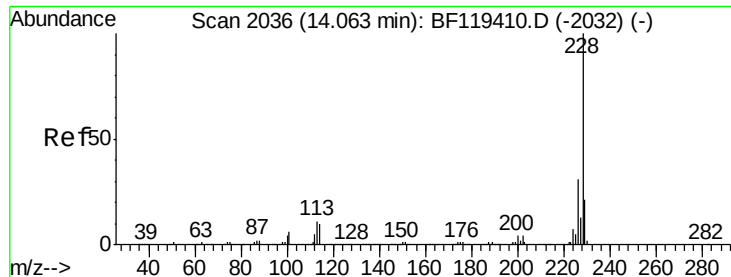


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.176 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

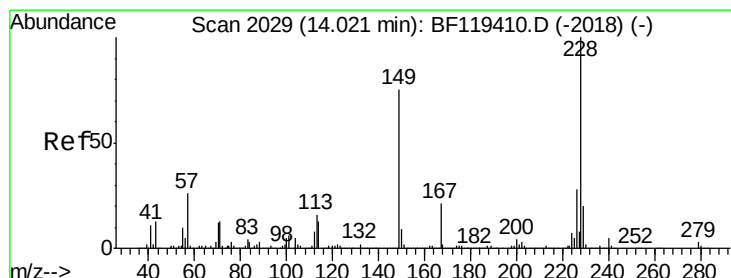
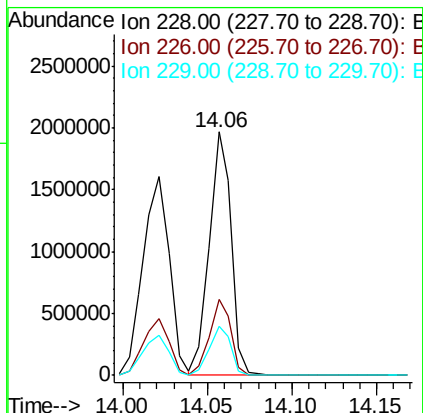
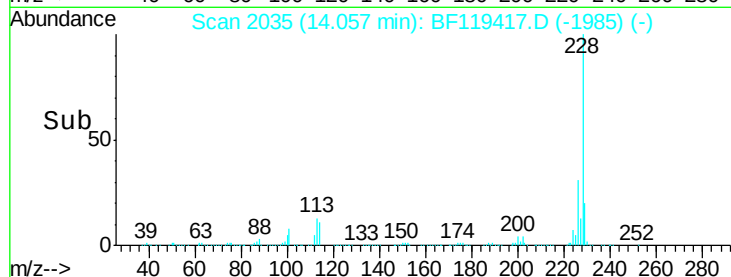
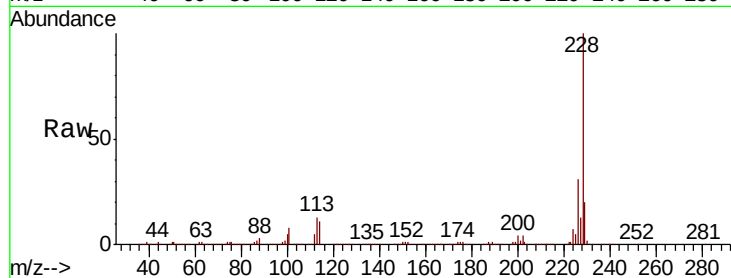
Tot Ion:228 Resp: 1788834

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

229 20.2 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.907 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

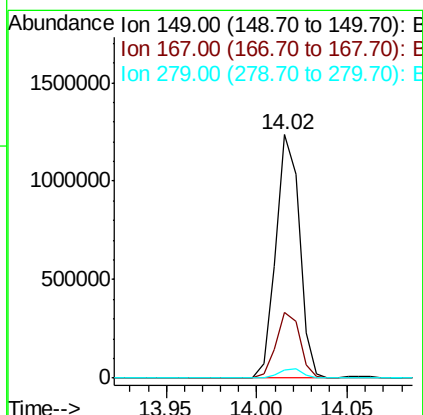
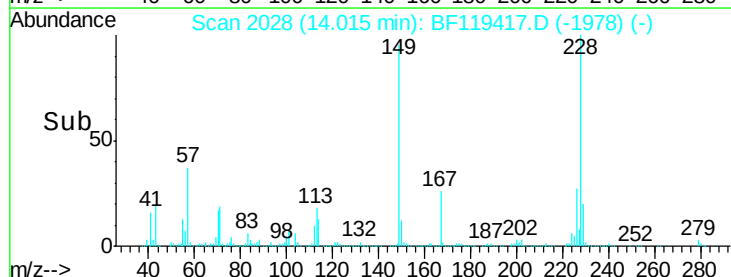
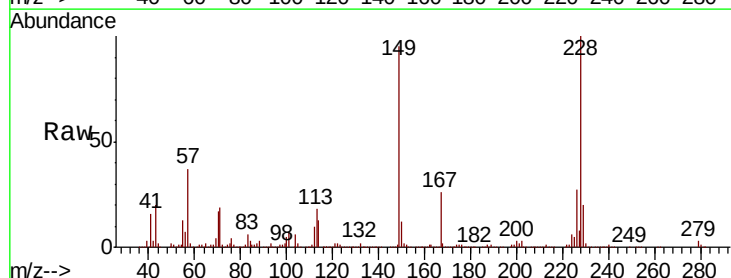
Tgt Ion:149 Resp: 1124656

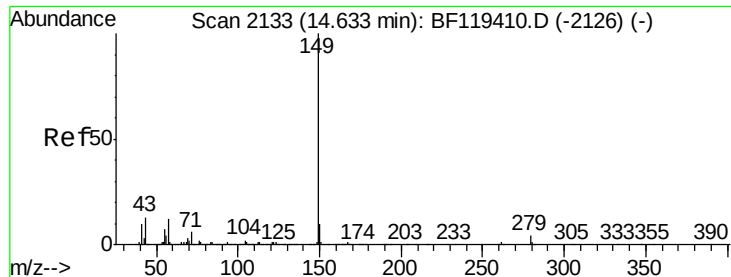
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 3.2 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 41.475 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

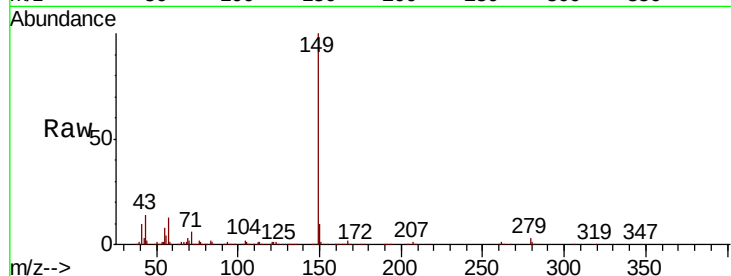
Tot Ion:149 Resp: 1868377

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

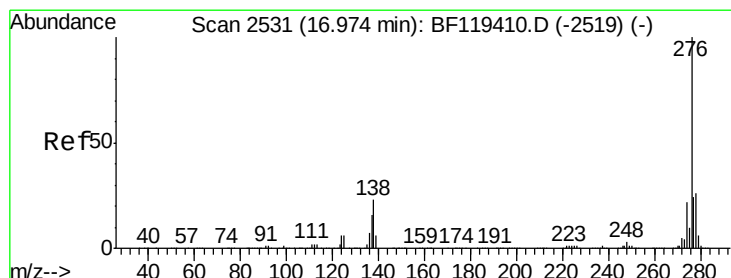
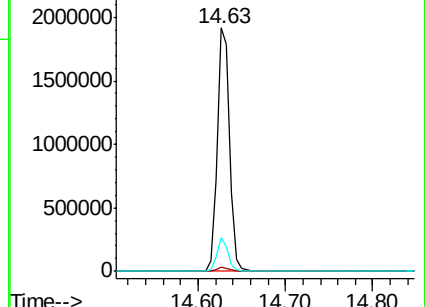
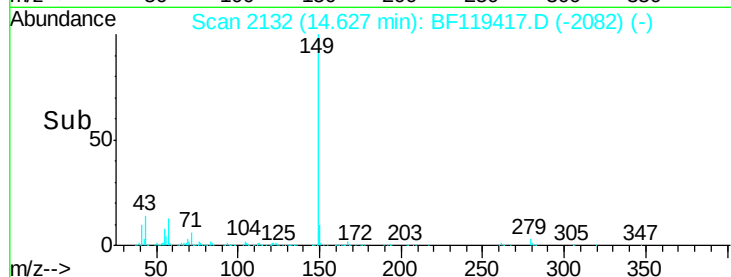
43 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.760 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

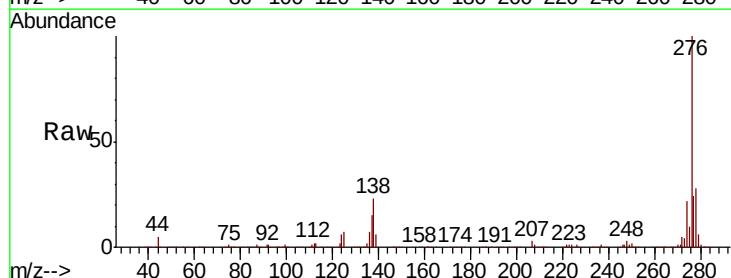
Tgt Ion:276 Resp: 1381302

Ion Ratio Lower Upper

276 100

138 26.0 21.3 31.9

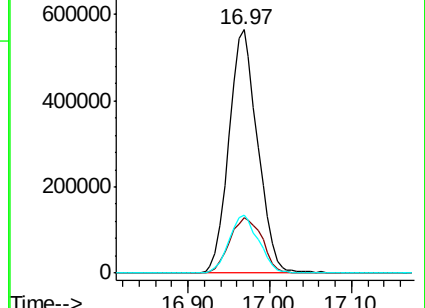
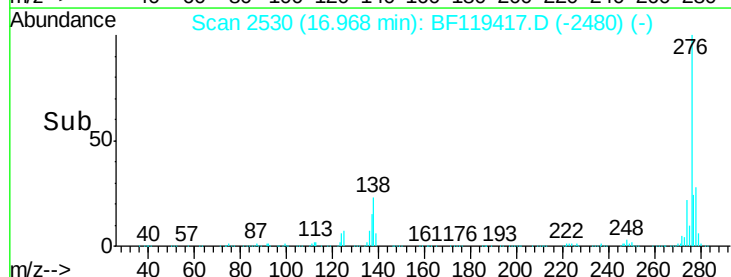
277 24.8 20.2 30.2

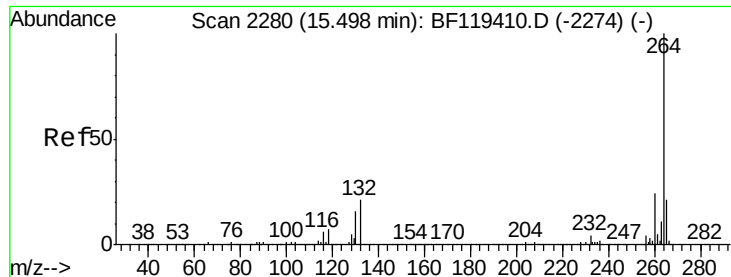


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



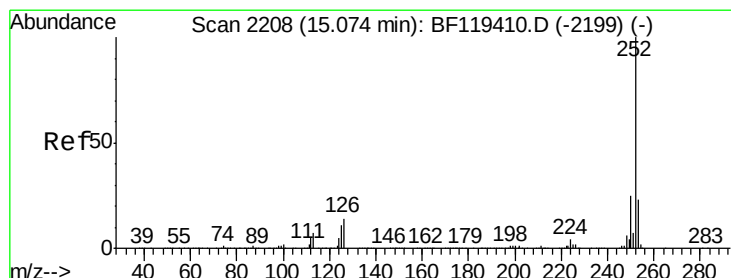
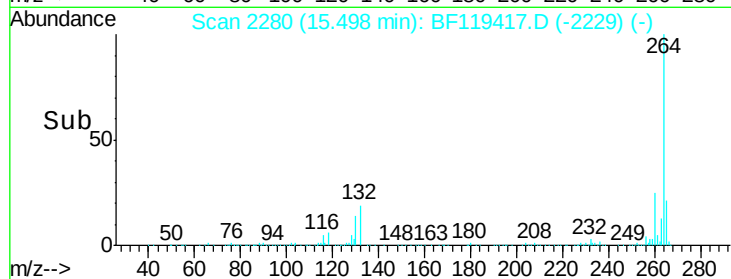
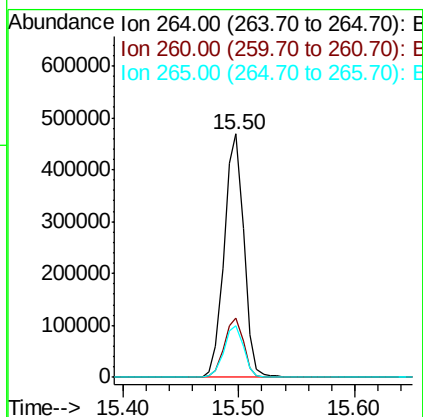
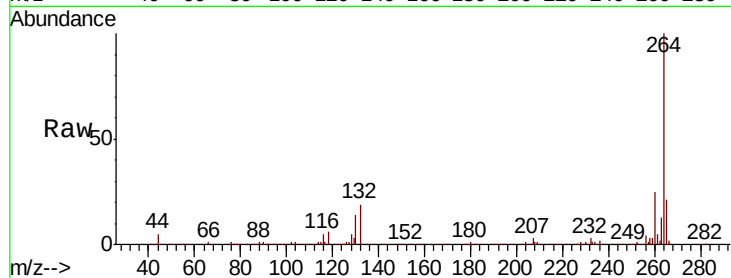


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 554213

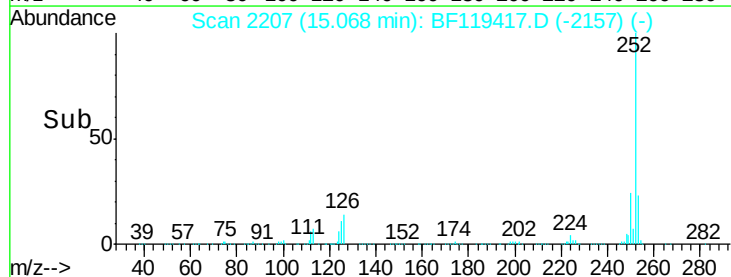
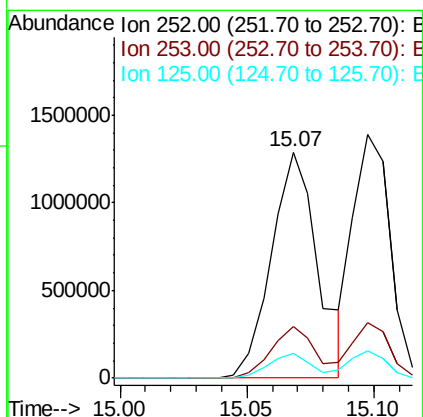
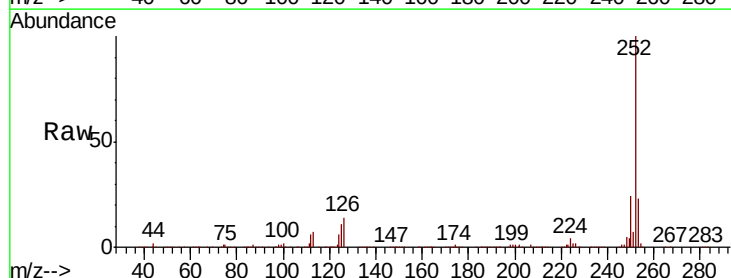
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	16.9	25.3

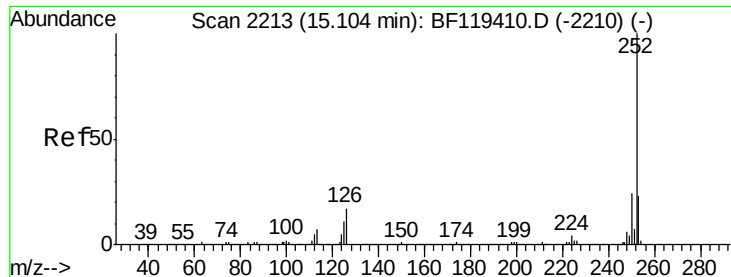


#88
Benzo(b)fluoranthene
Concen: 44.595 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:252 Resp: 1650959

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.8	8.8	13.2

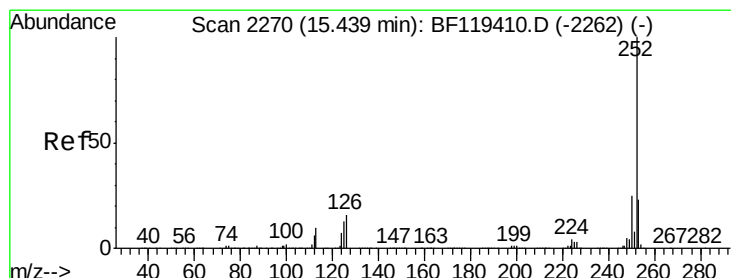
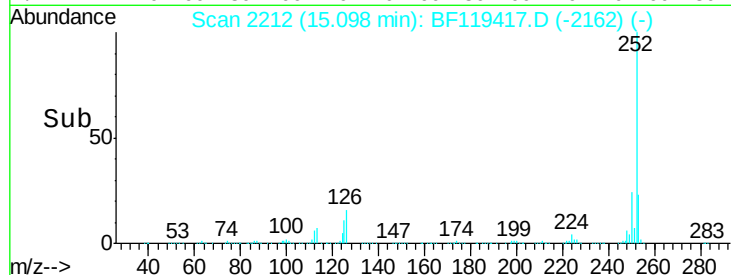
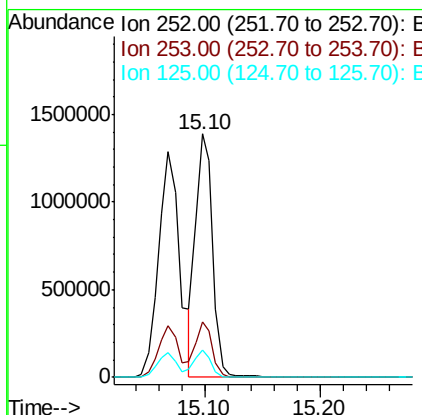
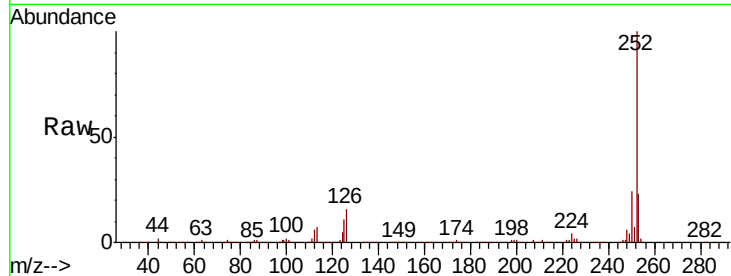




#89
Benzo(k)fluoranthene
Concen: 40.711 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

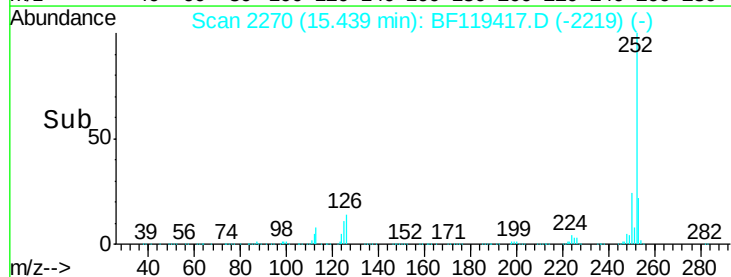
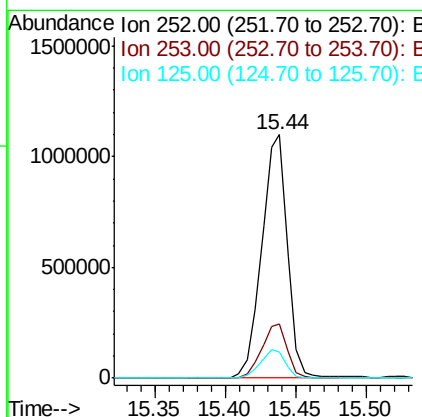
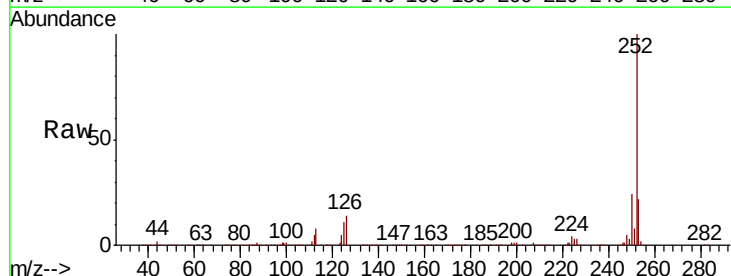
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

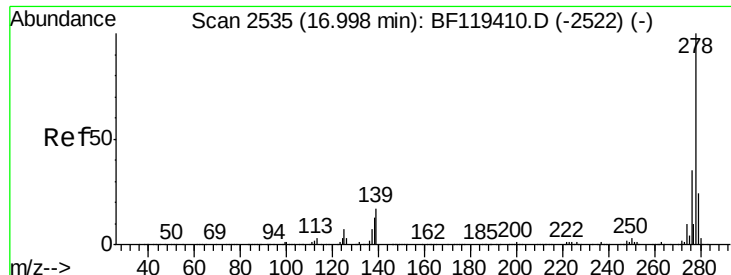
Tot Ion:252 Resp: 1435155
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.2 9.0 13.4



#90
Benzo(a)pyrene
Concen: 41.739 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF119417.D
Acq: 18 Mar 2020 15:59

Tgt Ion:252 Resp: 1404292
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.8 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 38.565 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

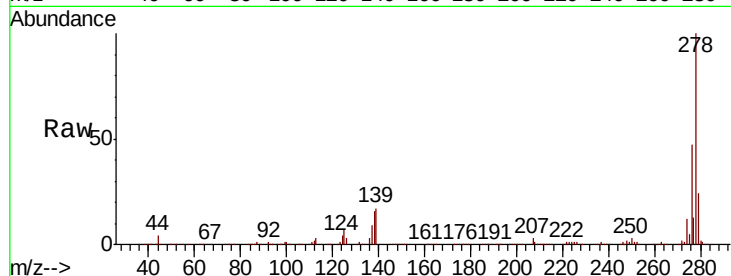
Tot Ion:278 Resp: 1134890

Ion Ratio Lower Upper

278 100

139 17.2 13.7 20.5

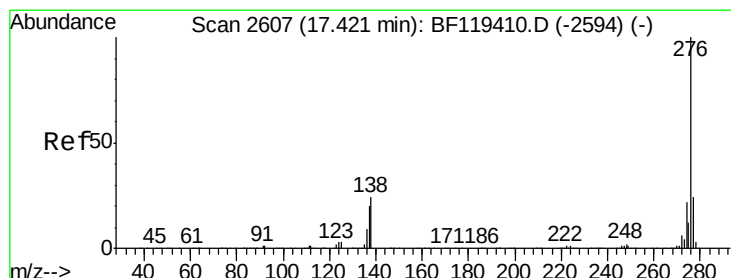
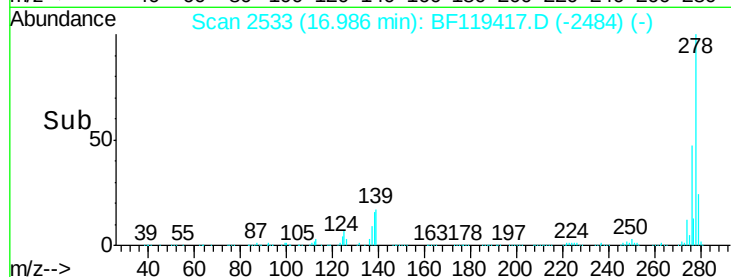
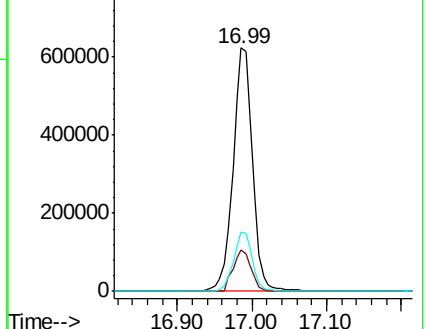
279 24.5 19.2 28.8



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



#92

Benzo(g,h,i)perylene

Concen: 37.904 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119417.D

Acq: 18 Mar 2020 15:59

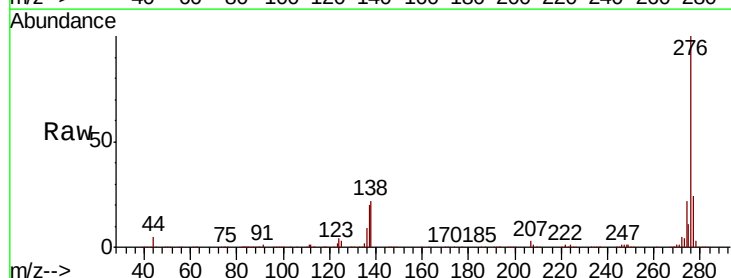
Tgt Ion:276 Resp: 1120601

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 22.2 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

