

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119549.D
 Acq On : 27 Mar 2020 00:15
 Operator : CG/JU
 Sample : L2028-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Quant Time: Mar 27 03:05:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	286288	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1136093	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	602853	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1166985	20.00	ng	0.00
76) Chrysene-d12	14.02	240	810479	20.00	ng	0.00
87) Perylene-d12	15.48	264	771364	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1499870	83.40	ng	0.01
7) Phenol-d6	6.46	99	1993122	86.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	1231405	58.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	612104	98.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2401750	59.02	ng	0.00
79) Terphenyl-d14	12.96	244	2811425	67.96	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.63	88	315454	35.52 ng	99
3) Pyridine	3.36	79	849500	34.72 ng	96
4) n-Nitrosodimethylamine	3.32	42	501429	42.02 ng	95
6) Aniline	6.50	93	1137419	35.87 ng	100
8) 2-Chlorophenol	6.62	128	988484	52.33 ng	98
9) Benzaldehyde	6.38	77	608073	41.72 ng	98
10) Phenol	6.47	94	1279238	52.19 ng	98
11) bis(2-Chloroethyl)ether	6.57	93	947196	48.31 ng	99
12) 1,3-Dichlorobenzene	6.77	146	963123	47.11 ng	99
13) 1,4-Dichlorobenzene	6.85	146	986214	48.23 ng	99
14) 1,2-Dichlorobenzene	7.01	146	926189	48.46 ng	98
15) Benzyl Alcohol	6.98	79	835701	48.36 ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1799597	45.51 ng	97
17) 2-Methylphenol	7.09	107	802364	46.36 ng	98
18) Hexachloroethane	7.35	117	373744	49.88 ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	691505	49.94 ng	96
20) 3+4-Methylphenols	7.25	107	965502	45.52 ng	# 79
22) Acetophenone	7.25	105	1272692	46.88 ng	99
24) Nitrobenzene	7.42	77	1035375	46.35 ng	95
25) Isophorone	7.66	82	1963213	46.30 ng	99
26) 2-Nitrophenol	7.73	139	536076	60.94 ng	97
27) 2,4-Dimethylphenol	7.77	122	836288	45.98 ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1232000	49.13 ng	99
29) 2,4-Dichlorophenol	7.98	162	832553	49.82 ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	873906	47.28 ng	99
31) Naphthalene	8.15	128	2720596	46.53 ng	99
32) Benzoic acid	7.91	122	679345	58.07 ng	97
33) 4-Chloroaniline	8.19	127	413085	15.42 ng	99
34) Hexachlorobutadiene	8.26	225	498905	48.25 ng	98
35) Caprolactam	8.57	113	149832	27.39 ng	95
36) 4-Chloro-3-methylphenol	8.67	107	911049	49.88 ng	98
37) 2-Methylnaphthalene	8.84	142	1883602	49.09 ng	98
38) 1-Methylnaphthalene	8.94	142	1797210	49.49 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	809015	45.78 ng	99

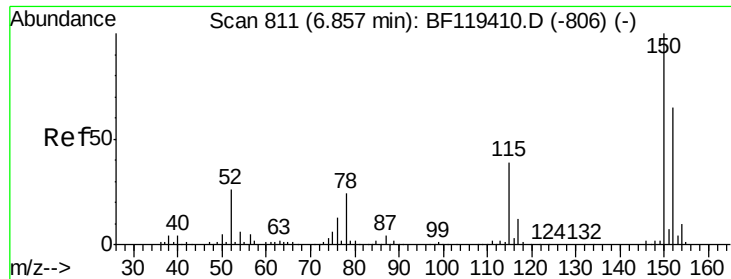
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	998428	99.39	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	638273	50.48	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	648914	45.81	ng	97
46) 1,1'-Biphenyl	9.30	154	2247980	45.78	ng	99
47) 2-Chloronaphthalene	9.33	162	1791954	46.59	ng	99
48) 2-Nitroaniline	9.42	65	662076	49.87	ng	98
49) Acenaphthylene	9.75	152	2768765	45.84	ng	99
50) Dimethylphthalate	9.61	163	2419152	56.49	ng	99
51) 2,6-Dinitrotoluene	9.67	165	483776	52.71	ng	94
52) Acenaphthene	9.92	154	1974672	52.45	ng	99
53) 3-Nitroaniline	9.83	138	272937	23.55	ng	99
54) 2,4-Dinitrophenol	9.95	184	514413	125.02	ng	91
55) Dibenzofuran	10.09	168	2514403	46.58	ng	98
56) 4-Nitrophenol	10.00	139	867832	94.94	ng	98
57) 2,4-Dinitrotoluene	10.07	165	643914	55.69	ng	# 89
58) Fluorene	10.43	166	1943478	48.68	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	554769	52.39	ng	98
60) Diethylphthalate	10.32	149	2209849	50.85	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	944785	48.40	ng	97
62) 4-Nitroaniline	10.46	138	525179	47.26	ng	99
63) Azobenzene	10.59	77	2093785	47.84	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	339165	69.31	ng	88
66) n-Nitrosodiphenylamine	10.55	169	1812108	47.30	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	630728	47.46	ng	98
68) Hexachlorobenzene	10.98	284	674669	49.60	ng	99
69) Atrazine	11.08	200	570962	54.36	ng	96
70) Pentachlorophenol	11.17	266	767907	96.28	ng	100
71) Phenanthrene	11.40	178	2759694	45.61	ng	98
72) Anthracene	11.45	178	2867409	46.62	ng	98
73) Carbazole	11.60	167	2681223	44.05	ng	99
74) Di-n-butylphthalate	11.94	149	3392477	52.10	ng	99
75) Fluoranthene	12.59	202	3068097	46.85	ng	98
77) Benzidine	12.71	184	1782192	51.96	ng	97
78) Pyrene	12.82	202	3083641	46.36	ng	99
80) Butylbenzylphthalate	13.44	149	1501267	55.80	ng	99
81) Benzo(a)anthracene	14.01	228	2386935	45.29	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	548523	26.40	ng	97
83) Chrysene	14.04	228	2535406	46.61	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1940085	60.50	ng	99
85) Di-n-octyl phthalate	14.62	149	3410138	60.46	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2302458	44.95	ng	97
88) Benzo(b)fluoranthene	15.06	252	2506408	48.64	ng	99
89) Benzo(k)fluoranthene	15.09	252	2343043	47.75	ng	100
90) Benzo(a)pyrene	15.42	252	2153400	45.99	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1884006	46.00	ng	98
92) Benzo(g,h,i)perylene	17.40	276	1869699	45.44	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119549.D

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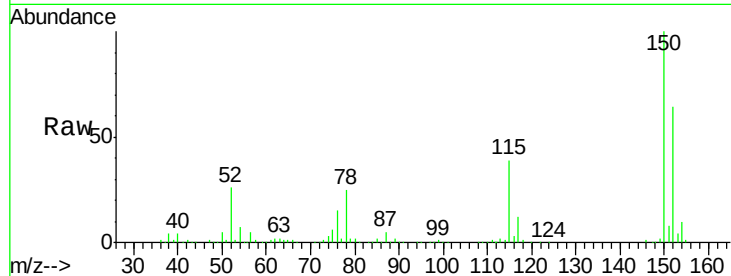
Tgt Ion:152 Resp: 286288

Ion Ratio Lower Upper

152 100

150 156.3 123.9 185.9

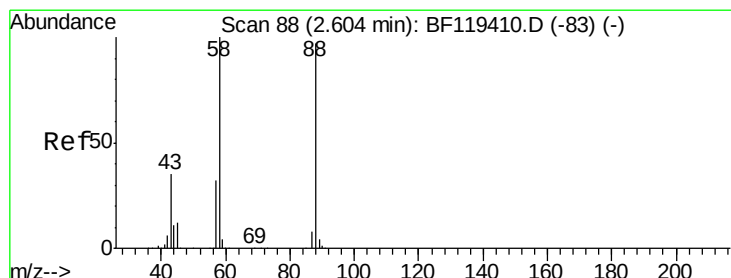
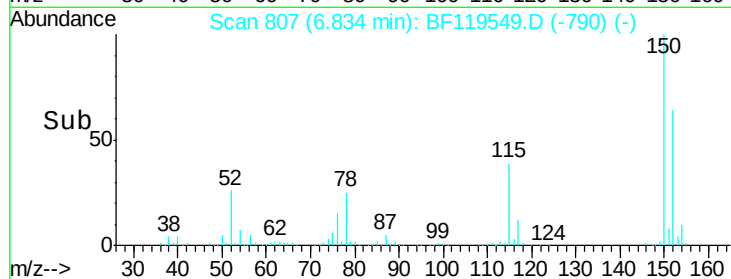
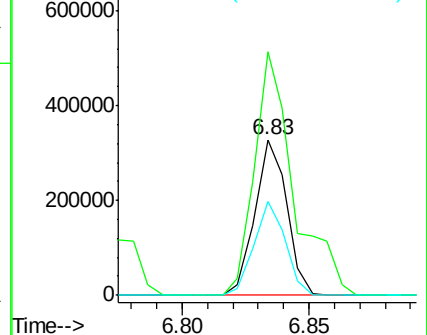
115 60.6 47.8 71.6



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: 35.52 ng

RT: 2.63 min Scan# 93

Delta R.T. 0.07 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

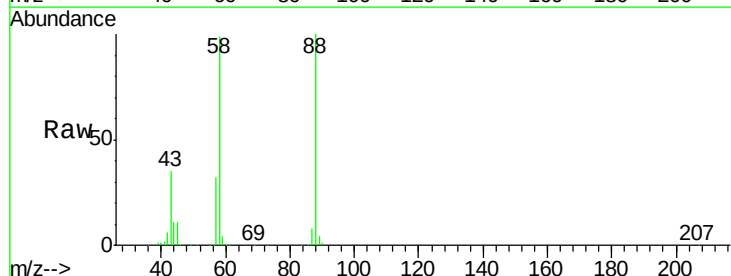
Tgt Ion: 88 Resp: 315454

Ion Ratio Lower Upper

88 100

58 100.0 79.4 119.2

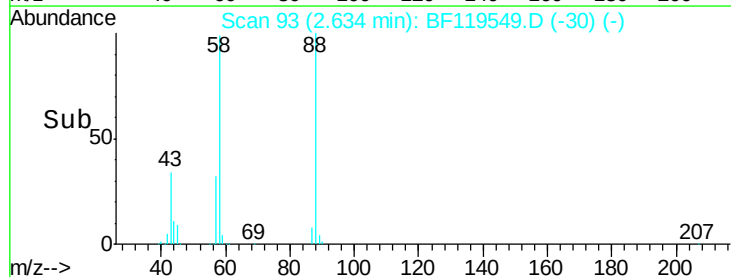
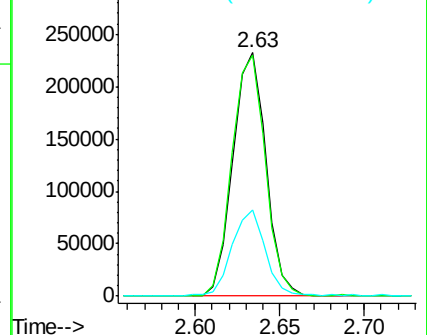
43 34.6 28.4 42.6

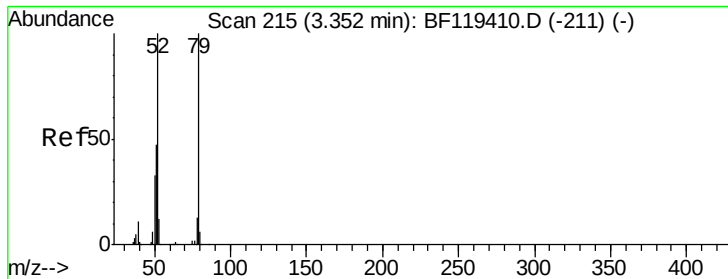


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.72 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

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ClientSampleId :

SB-30-(8-8.5)MSD

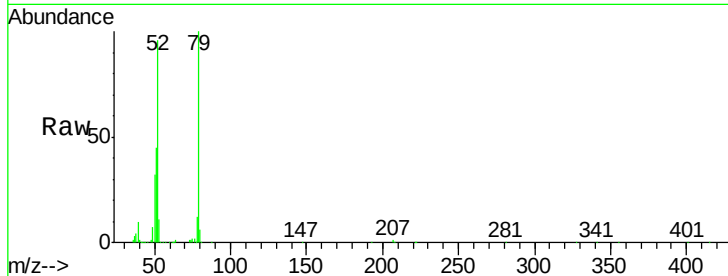
Tgt Ion: 79 Resp: 849500

Ion Ratio Lower Upper

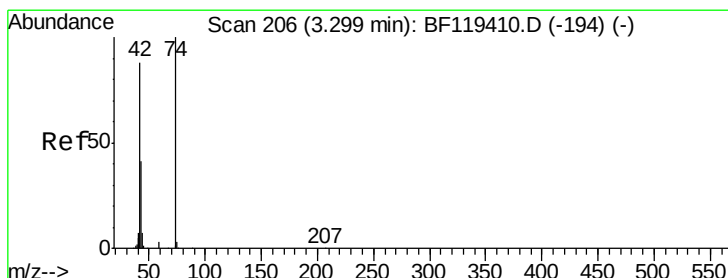
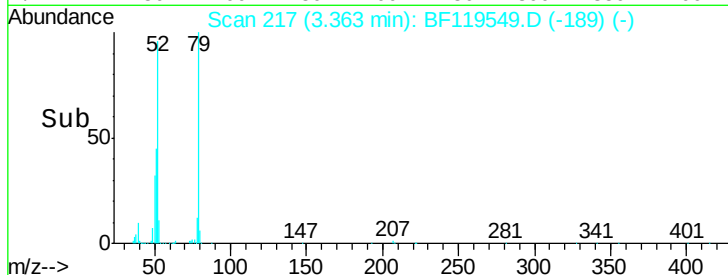
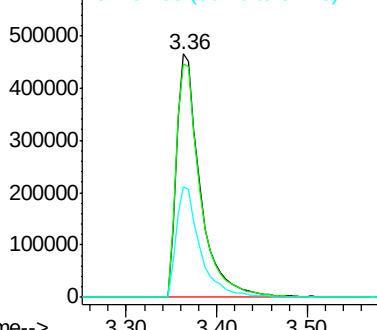
79 100

52 95.7 80.0 120.0

51 45.4 37.9 56.9



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



#4

n-Nitrosodimethylamine

Concen: 42.02 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.07 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

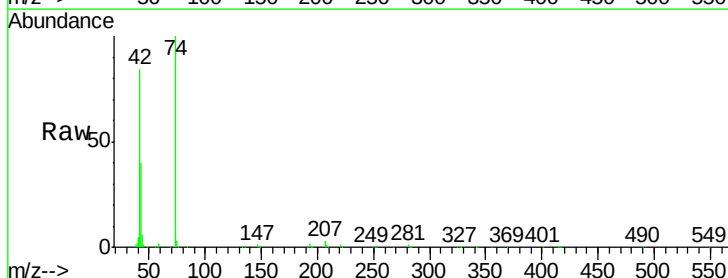
Tgt Ion: 42 Resp: 501429

Ion Ratio Lower Upper

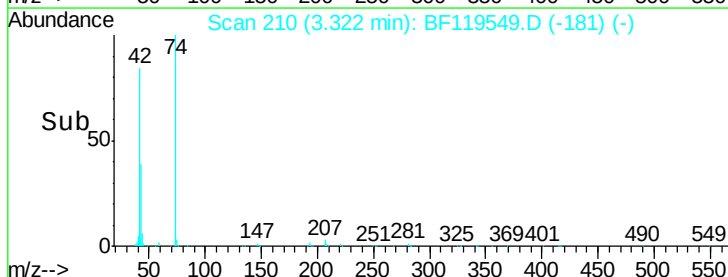
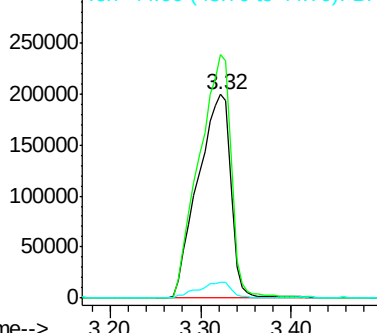
42 100

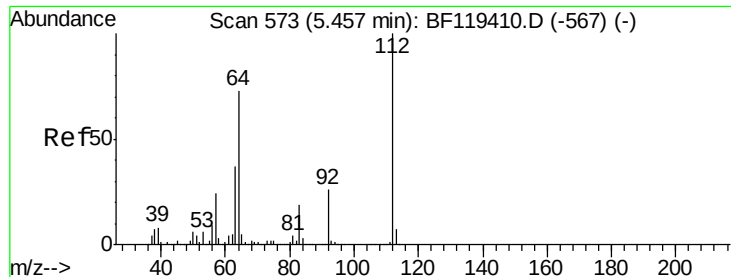
74 119.5 91.3 136.9

44 7.6 7.1 10.7



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





#5

2-Fluorophenol

Concen: 83.40 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

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ClientSampleId :

SB-30-(8-8.5)MSD

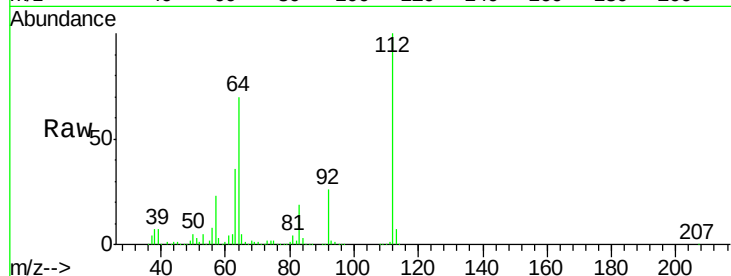
Tgt Ion:112 Resp: 1499870

Ion Ratio Lower Upper

112 100

64 70.4 58.1 87.1

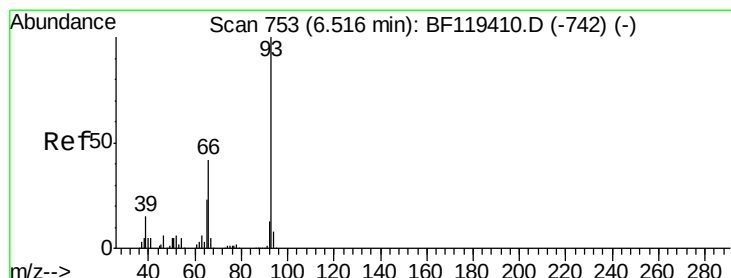
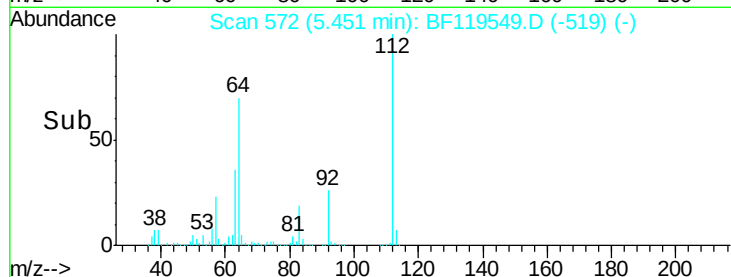
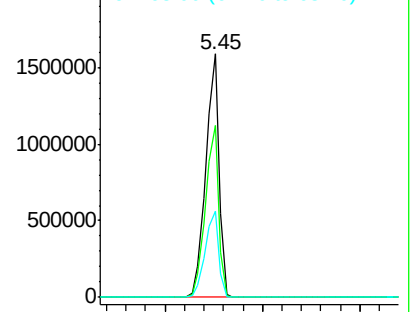
63 35.7 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.87 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

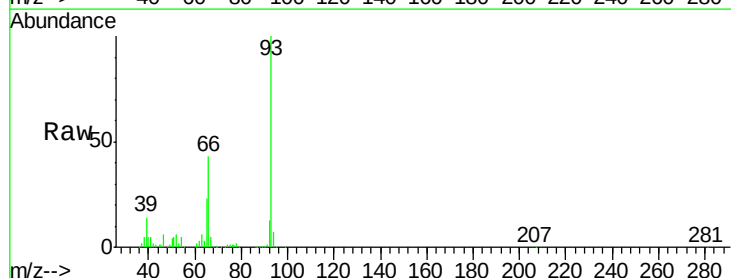
Tgt Ion: 93 Resp: 1137419

Ion Ratio Lower Upper

93 100

66 43.0 34.2 51.4

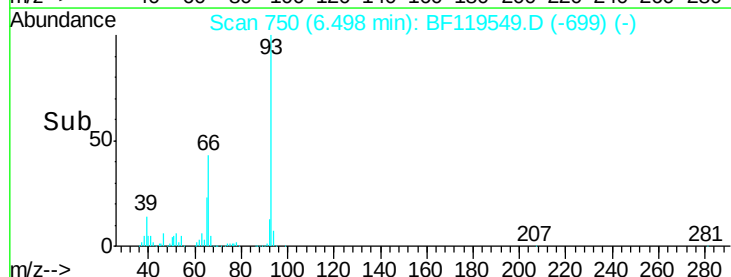
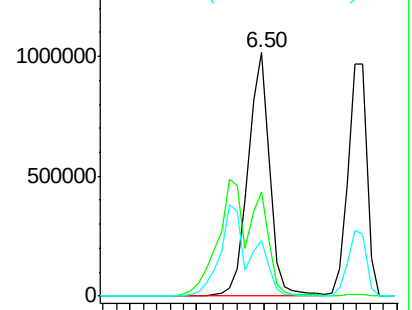
65 23.0 18.2 27.4

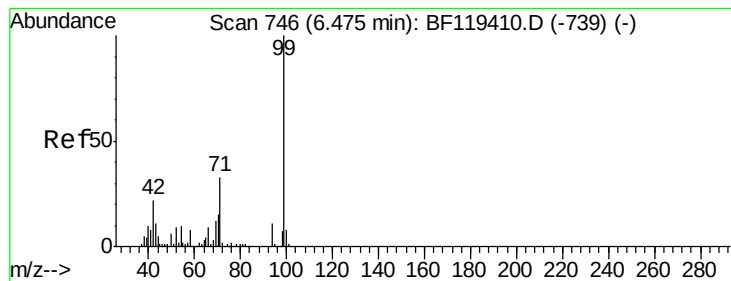


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.76 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

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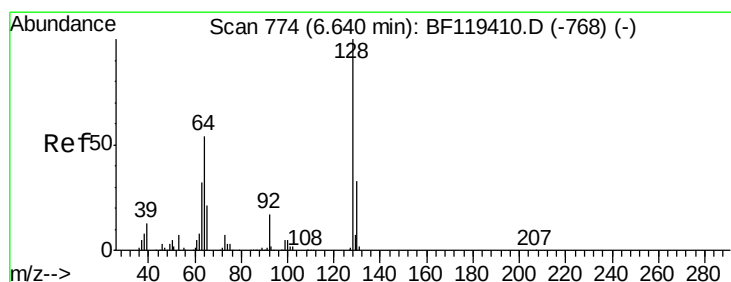
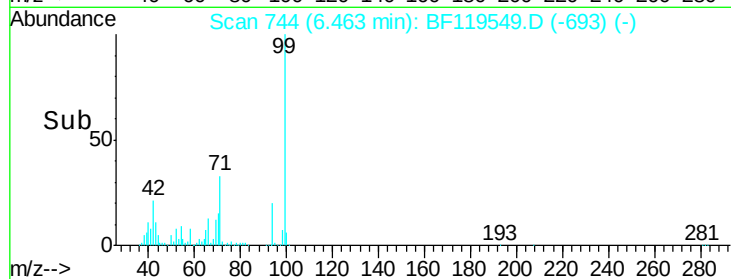
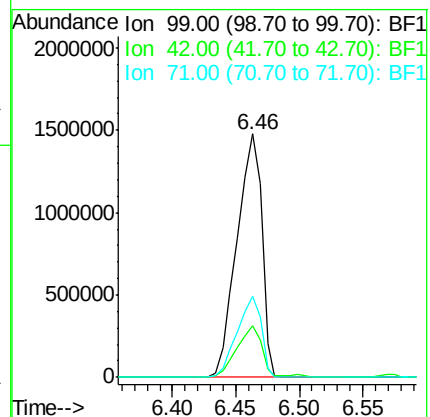
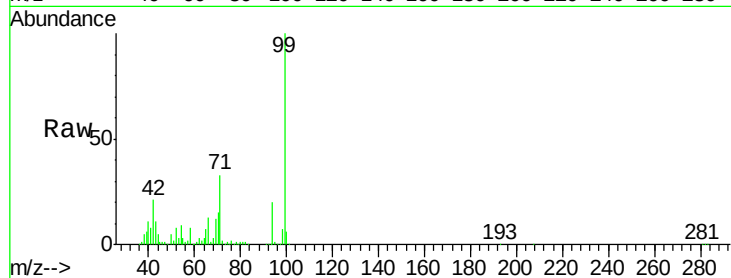
Tgt Ion: 99 Resp: 1993122

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 33.4 26.0 39.0



#8

2-Chlorophenol

Concen: 52.33 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

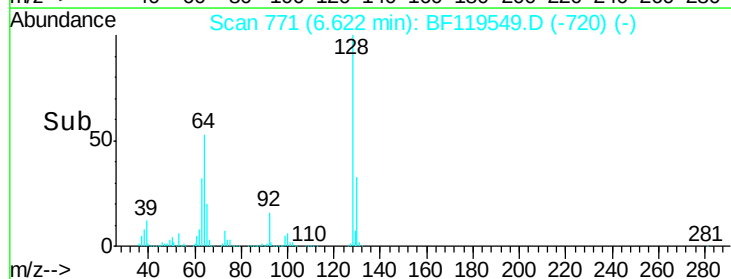
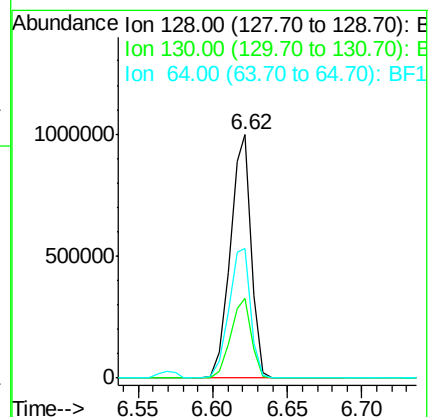
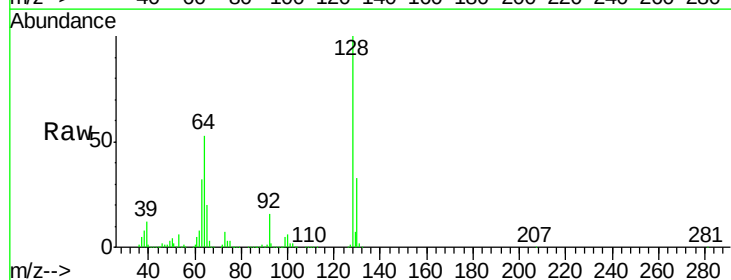
Tgt Ion: 128 Resp: 988484

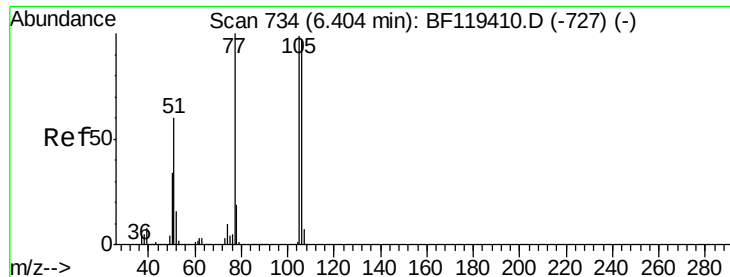
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 53.1 35.1 75.1





#9

Benzaldehyde

Concen: 41.72 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

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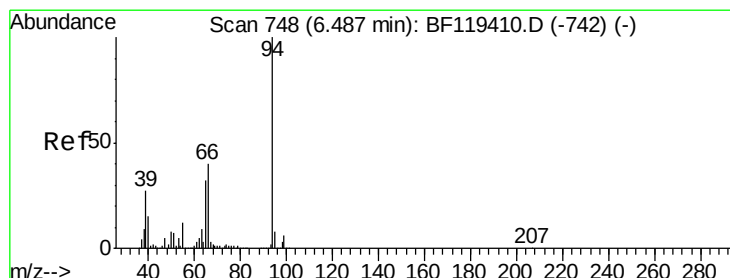
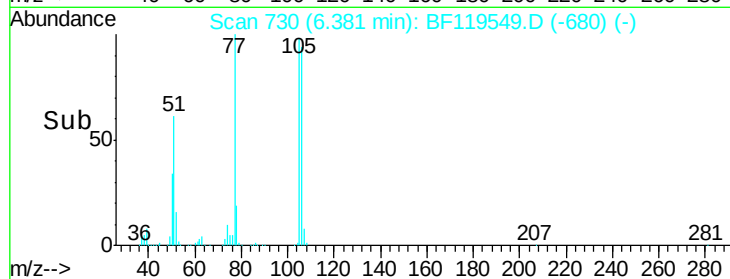
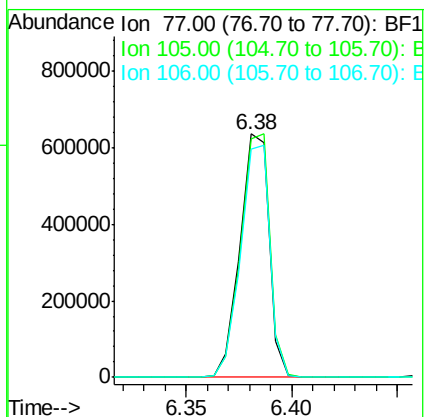
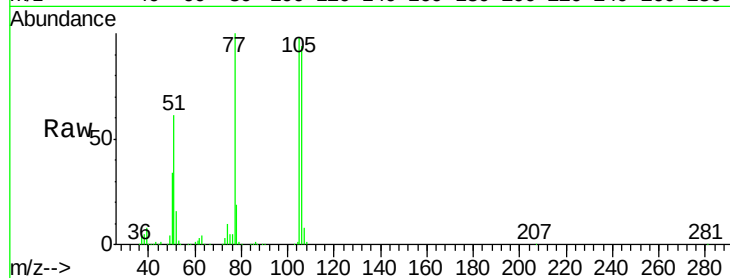
Tgt Ion: 77 Resp: 608073

Ion Ratio Lower Upper

77 100

105 97.8 78.6 118.6

106 93.8 76.5 116.5



#10

Phenol

Concen: 52.19 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

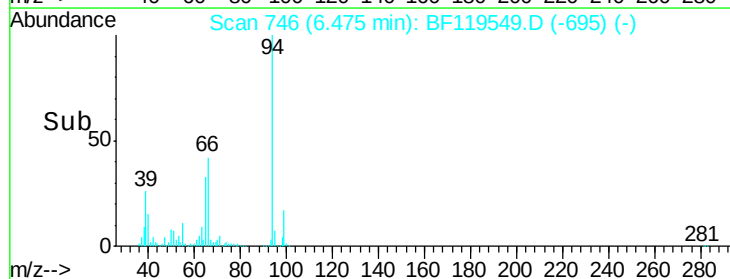
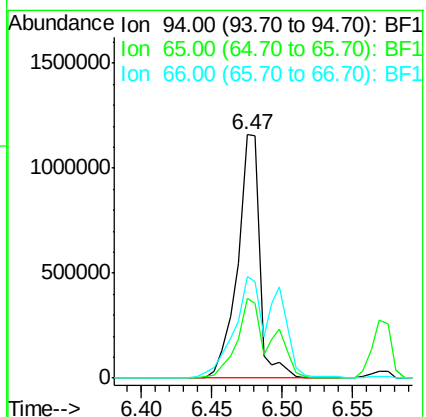
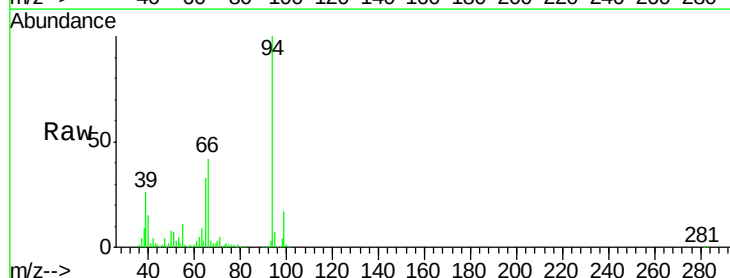
Tgt Ion: 94 Resp: 1279238

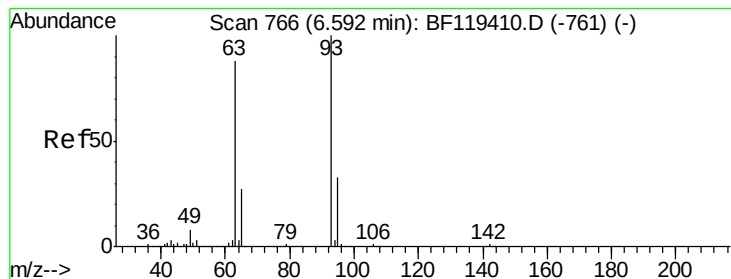
Ion Ratio Lower Upper

94 100

65 33.0 12.0 52.0

66 41.8 20.6 60.6

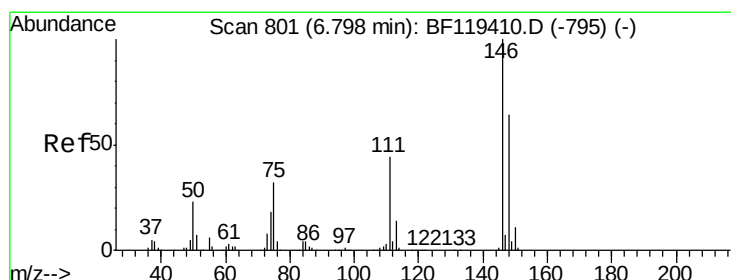
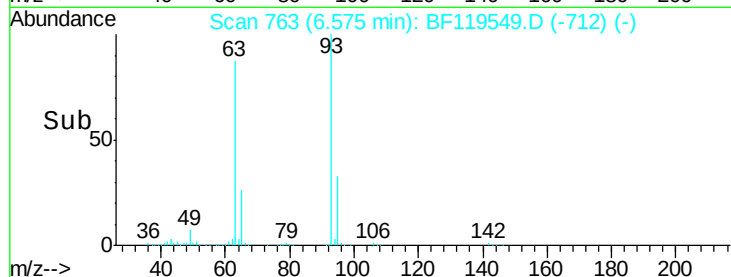
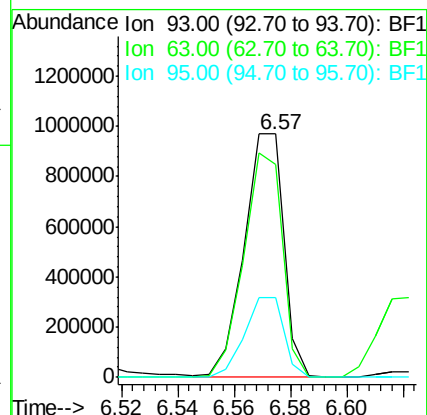
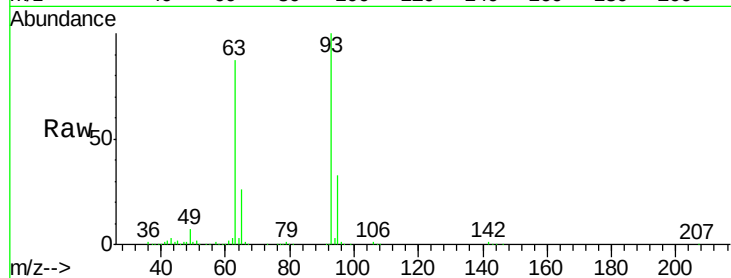




#11
bis(2-Chloroethyl)ether
Concen: 48.31 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

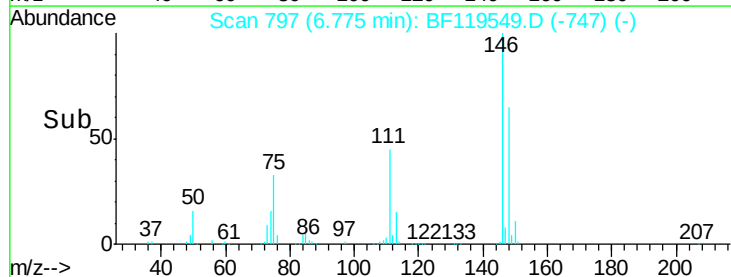
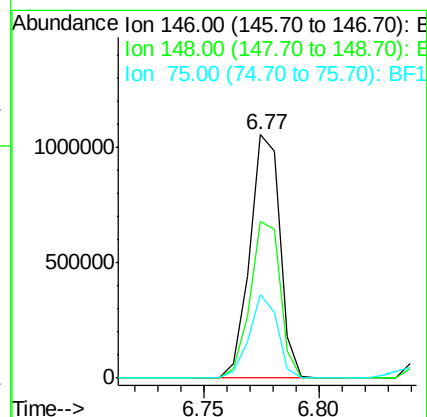
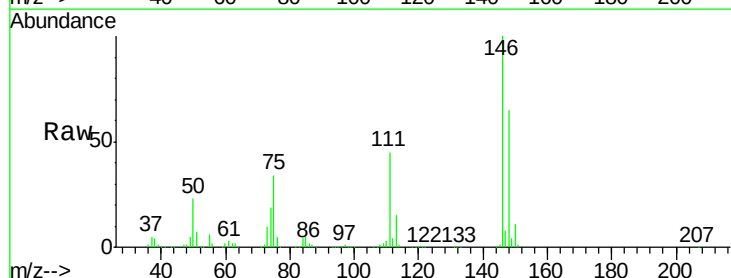
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

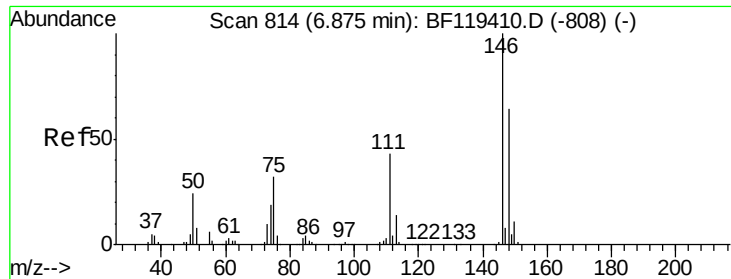
Tgt Ion: 93 Resp: 947196
Ion Ratio Lower Upper
93 100
63 87.5 68.4 108.4
95 32.7 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 47.11 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion: 146 Resp: 963123
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 34.1 25.8 38.8

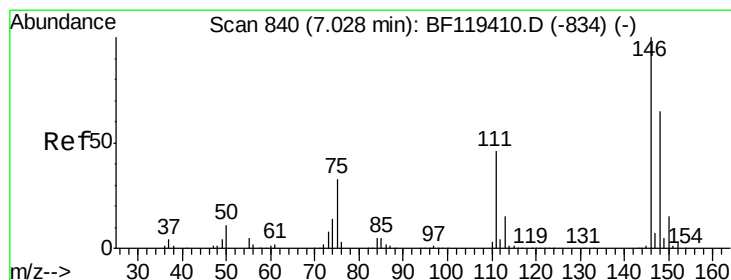
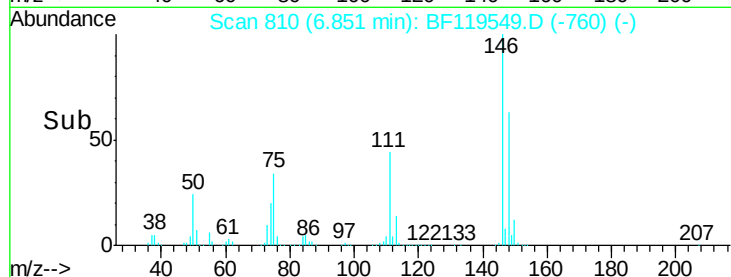
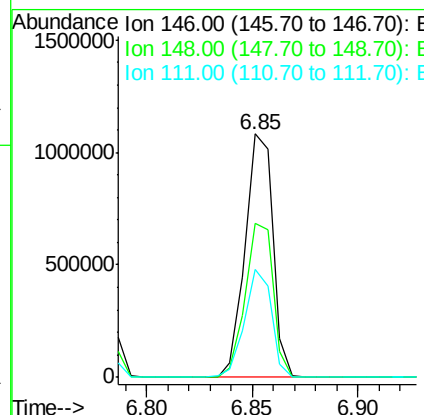
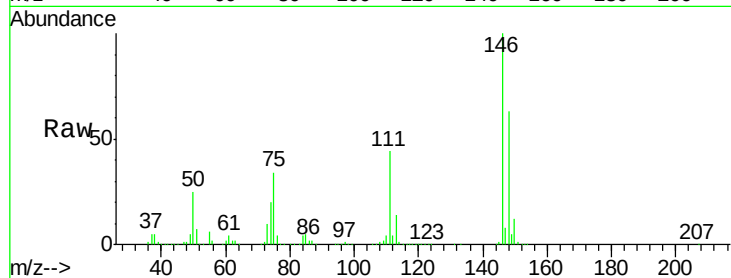




#13
 1,4-Dichlorobenzene
 Concen: 48.23 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

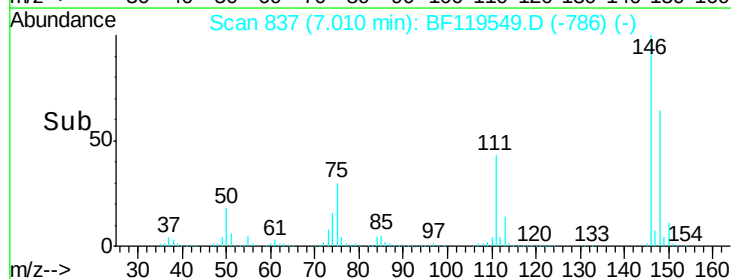
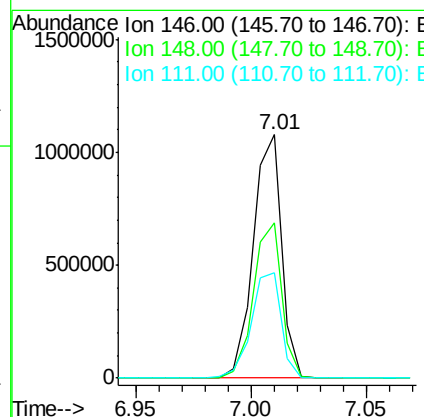
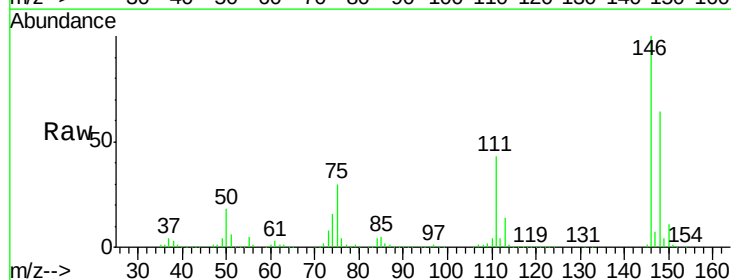
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

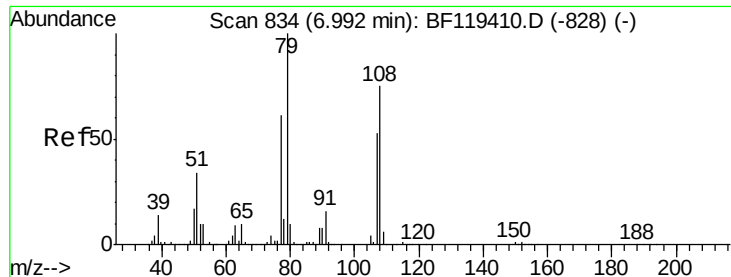
Tgt Ion:146 Resp: 986214
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.9 76.3
 111 44.2 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 48.46 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:146 Resp: 926189
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.7 77.5
 111 43.3 36.4 54.6





#15

Benzyl Alcohol

Concen: 48.36 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

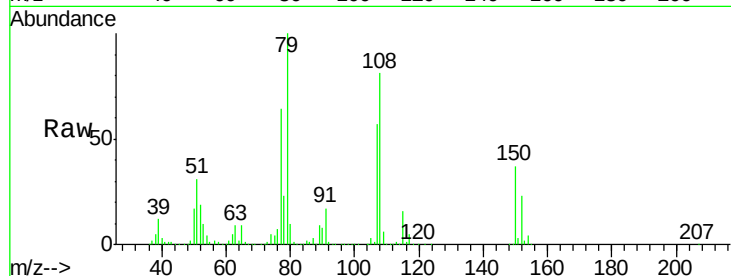
Tgt Ion: 79 Resp: 835701

Ion Ratio Lower Upper

79 100

108 80.9 60.4 90.6

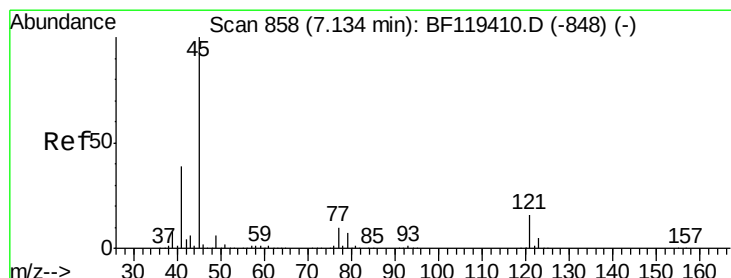
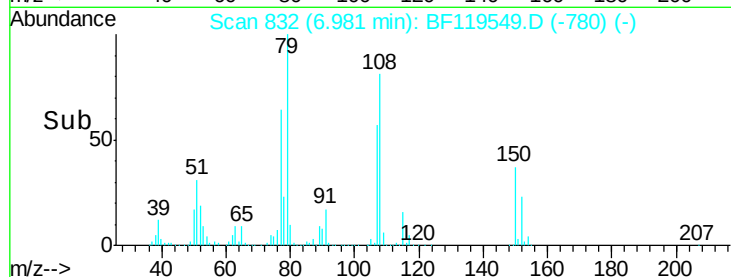
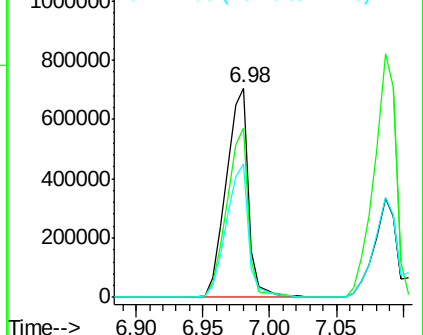
77 63.8 49.0 73.4



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: 45.51 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

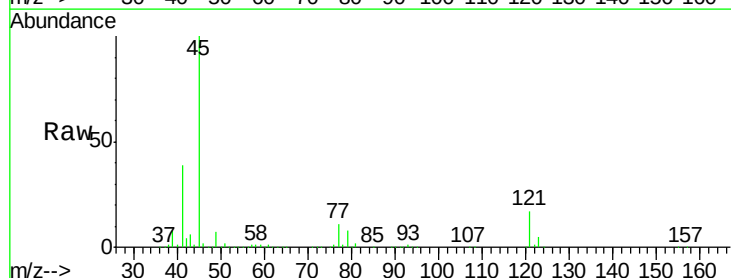
Tgt Ion: 45 Resp: 1799597

Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.1

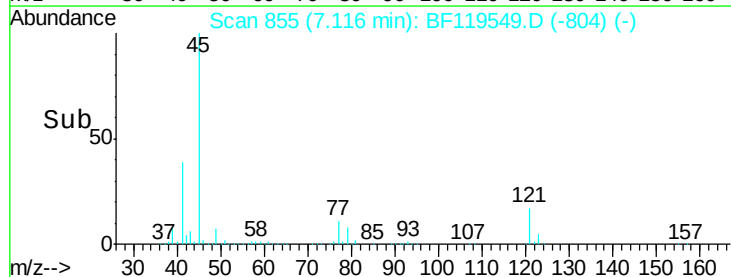
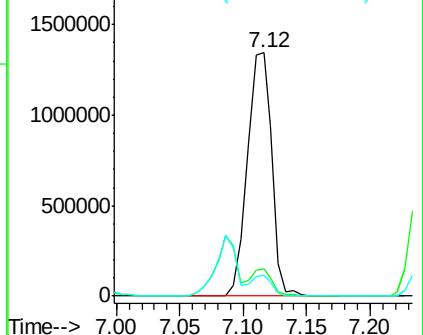
79 8.4 0.0 27.4

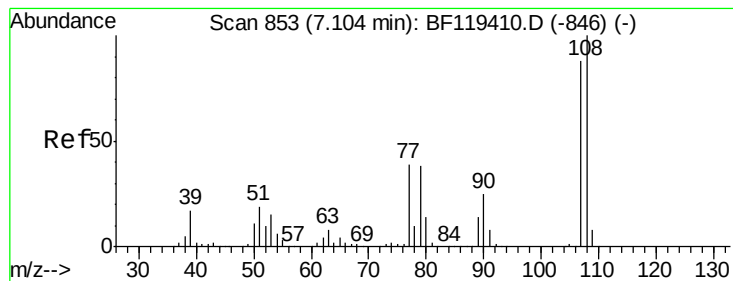


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 46.36 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tgt Ion:107 Resp: 802364

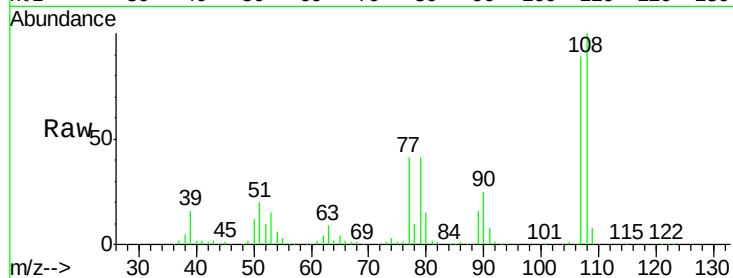
Ion Ratio Lower Upper

107 100

108 112.7 90.7 136.1

77 46.1 35.6 53.4

79 45.8 34.7 52.1

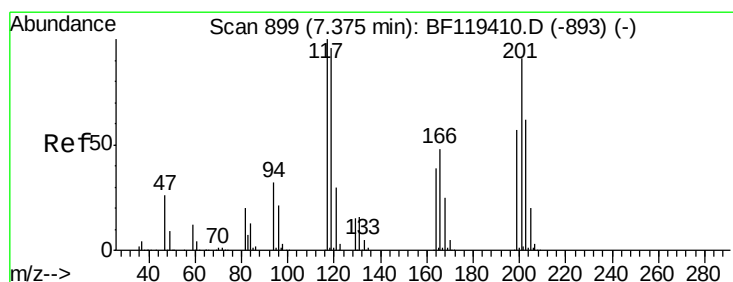
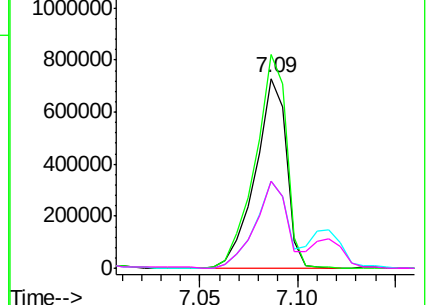
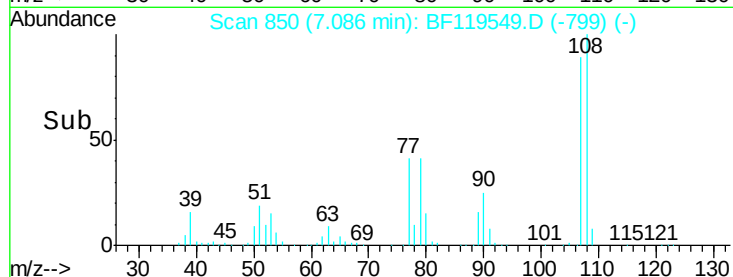


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.88 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

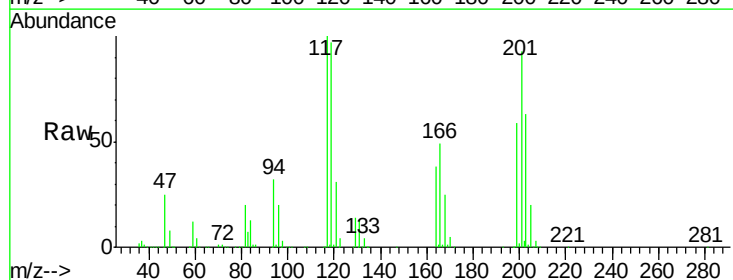
Tgt Ion:117 Resp: 373744

Ion Ratio Lower Upper

117 100

119 97.0 76.8 115.2

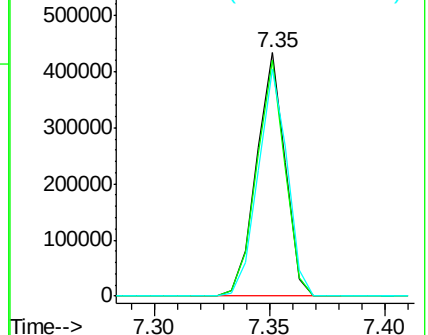
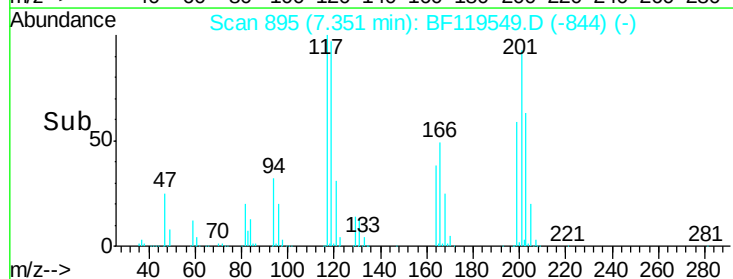
201 93.4 72.5 108.7

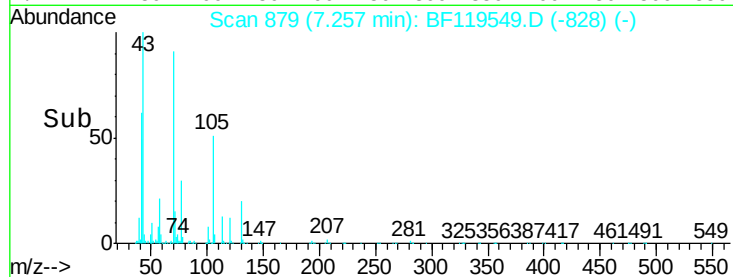
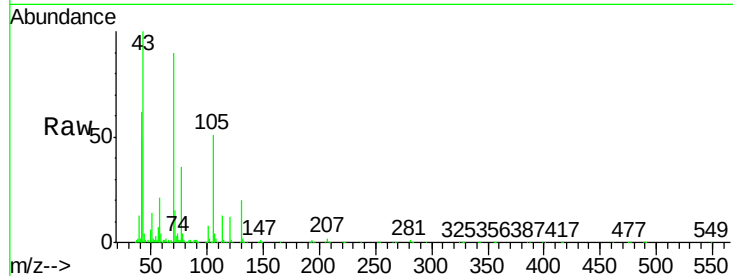
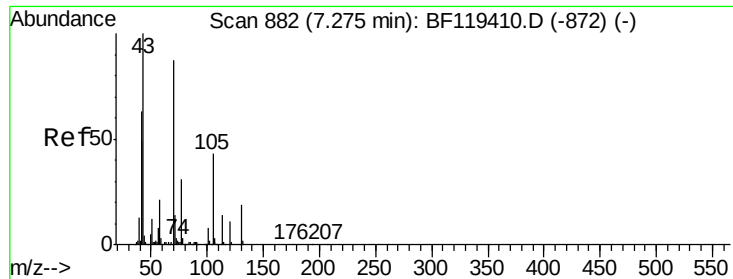


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

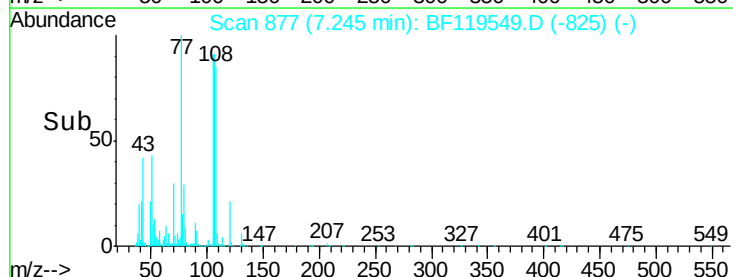
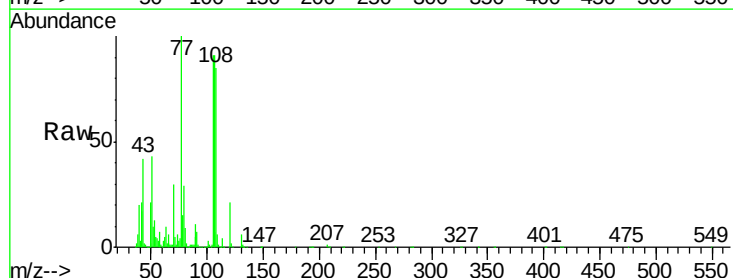
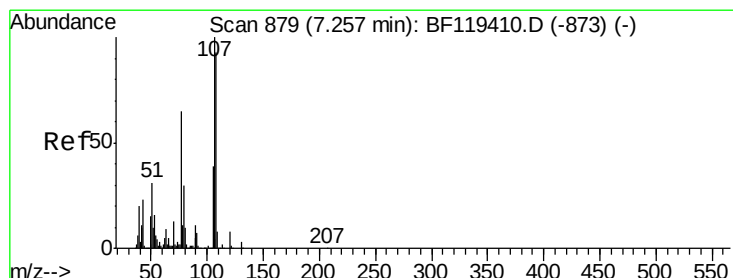
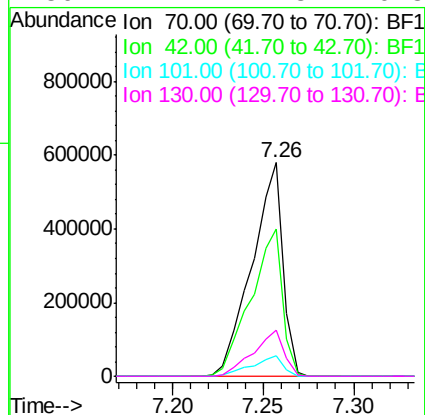




#19
n-Nitroso-di-n-propylamine
Concen: 49.94 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

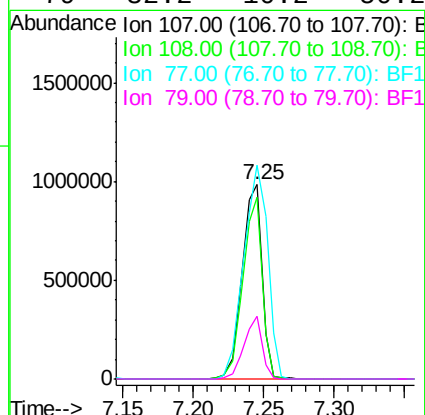
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

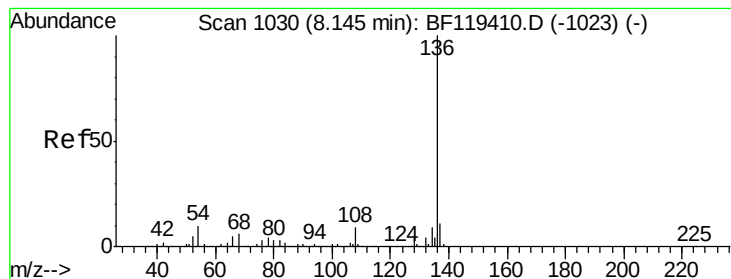
Tgt Ion:	70	Resp:	691505
Ion	Ratio	Lower	Upper
70	100		
42	68.9	58.2	87.4
101	9.3	7.4	11.2
130	21.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.52 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:	107	Resp:	965502
Ion	Ratio	Lower	Upper
107	100		
108	93.5	72.6	112.6
77	109.9	44.7	84.7#
79	32.2	10.2	50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tgt Ion:136 Resp: 1136093

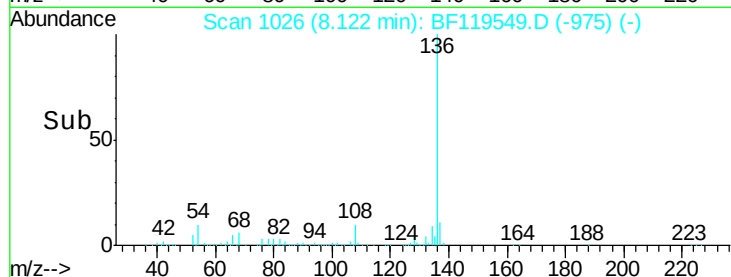
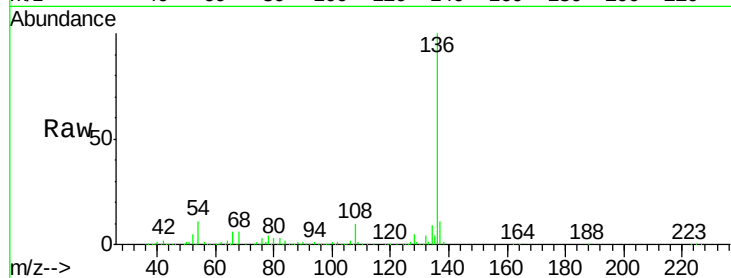
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.5 8.3 12.5

68 5.7 4.9 7.3

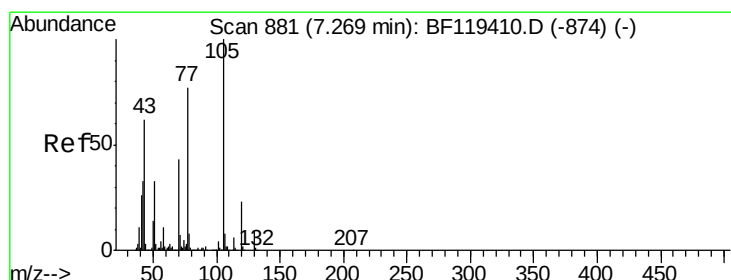
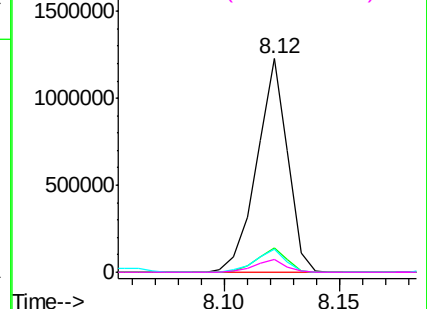


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.88 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Tgt Ion:105 Resp: 1272692

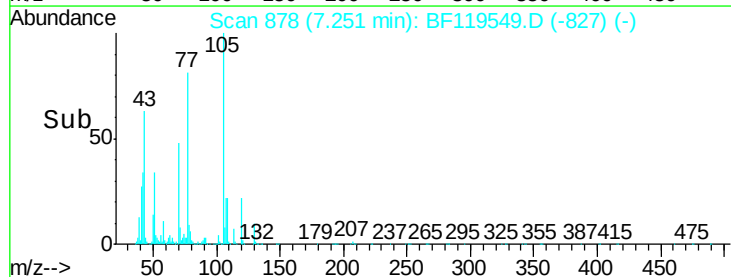
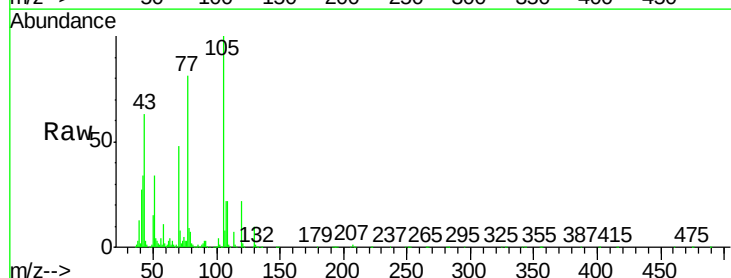
Ion Ratio Lower Upper

105 100

71 8.3 5.8 8.6

51 34.1 26.8 40.2

120 22.1 18.0 27.0

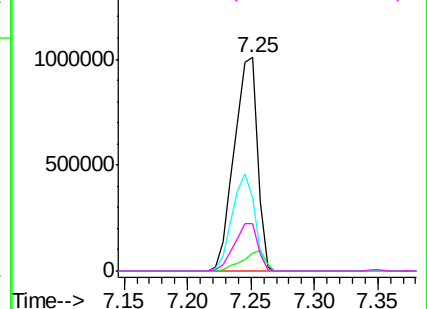


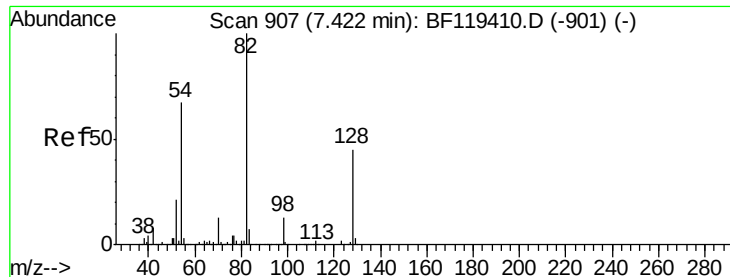
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

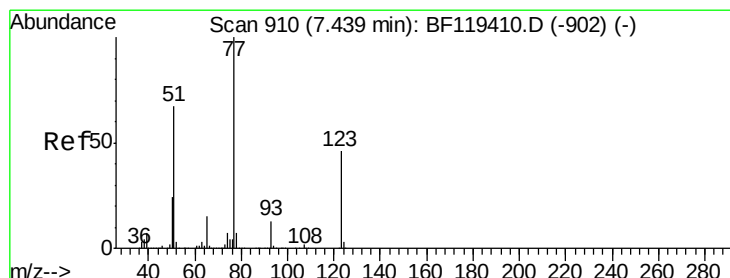
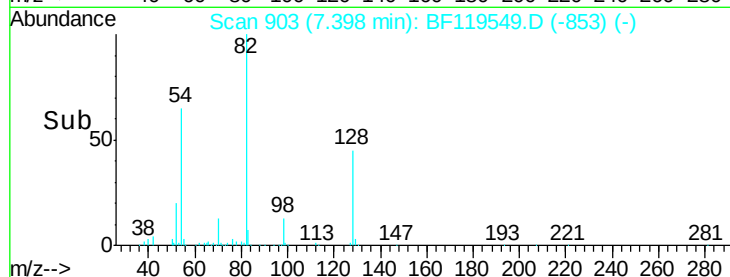
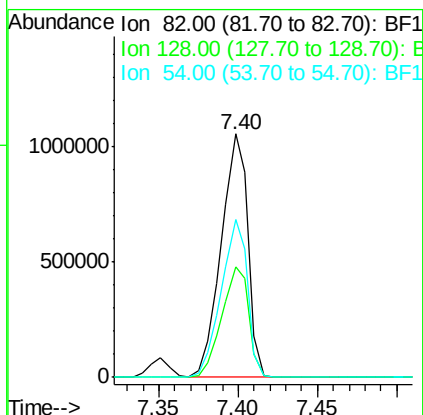
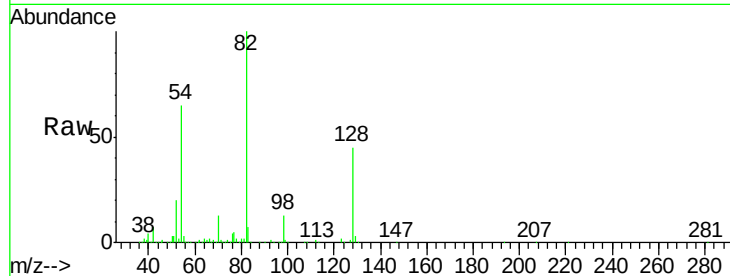




#23
 Nitrobenzene-d5
 Concen: 58.91 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

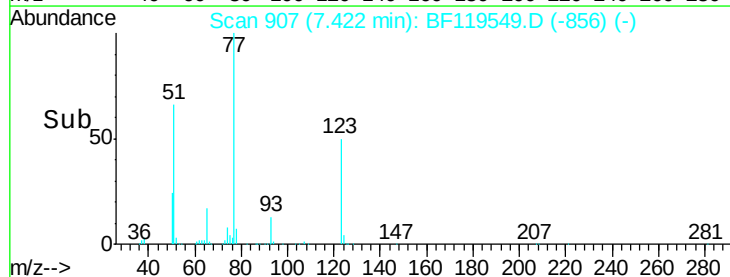
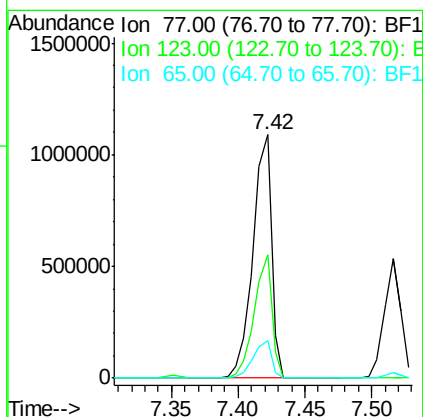
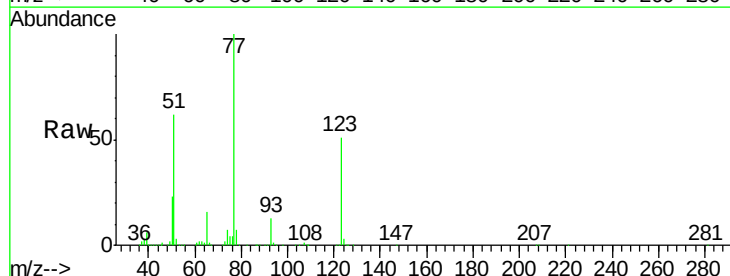
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

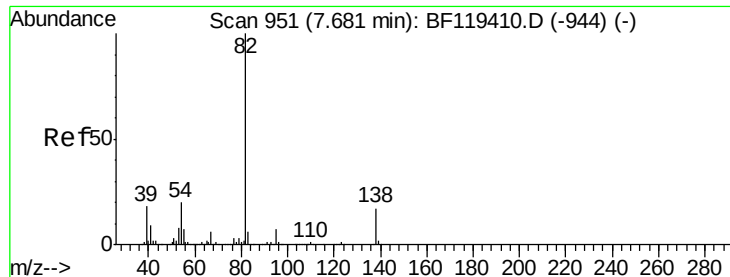
Tgt Ion: 82 Resp: 1231405
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.8 53.8
 54 64.7 53.4 80.0



#24
 Nitrobenzene
 Concen: 46.35 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion: 77 Resp: 1035375
 Ion Ratio Lower Upper
 77 100
 123 50.7 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 46.30 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

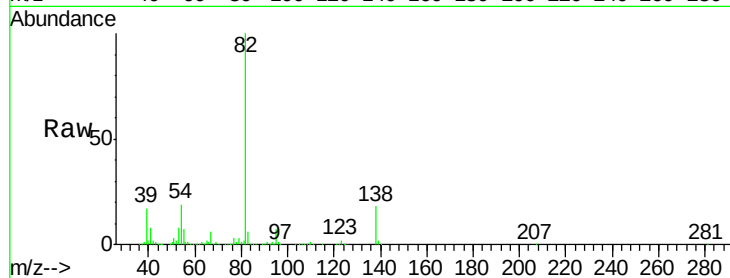
Tgt Ion: 82 Resp: 1963213

Ion Ratio Lower Upper

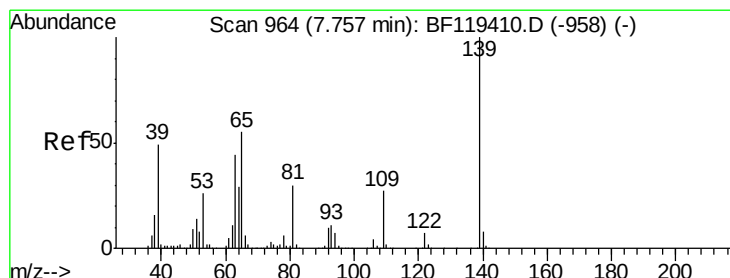
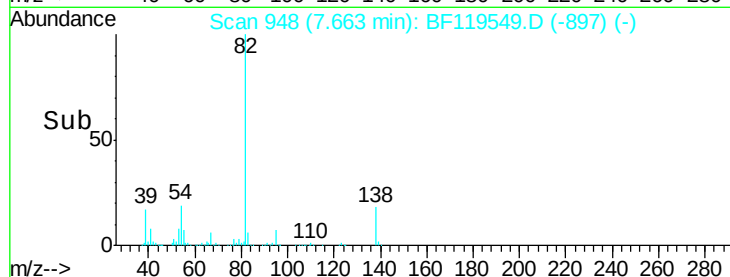
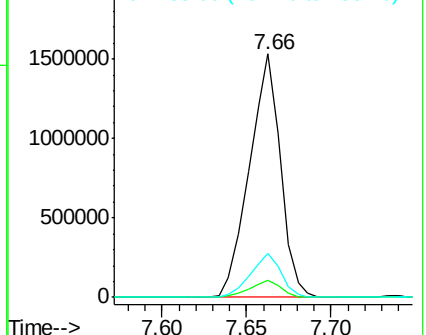
82 100

95 7.0 5.4 8.2

138 17.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 60.94 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

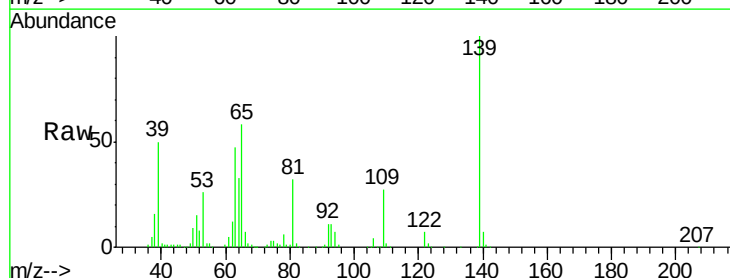
Tgt Ion: 139 Resp: 536076

Ion Ratio Lower Upper

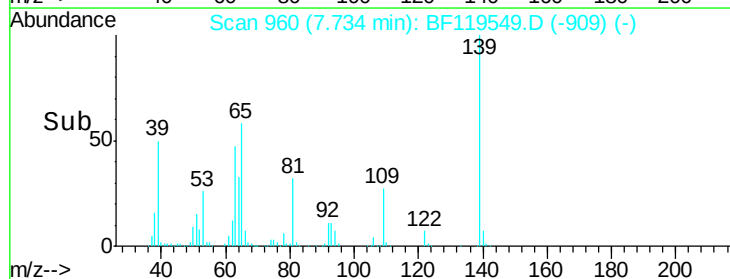
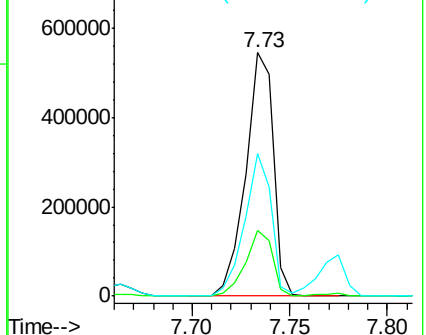
139 100

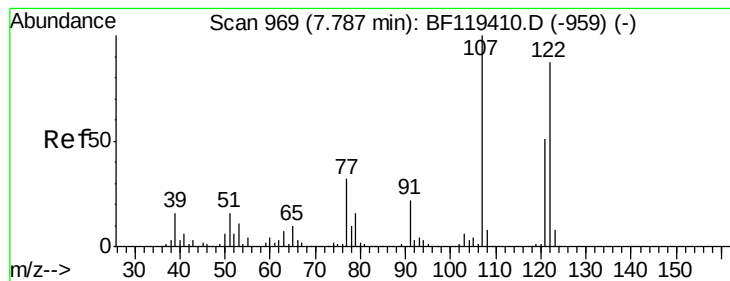
109 27.1 21.7 32.5

65 58.3 43.9 65.9



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





#27

2,4-Dimethylphenol

Concen: 45.98 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

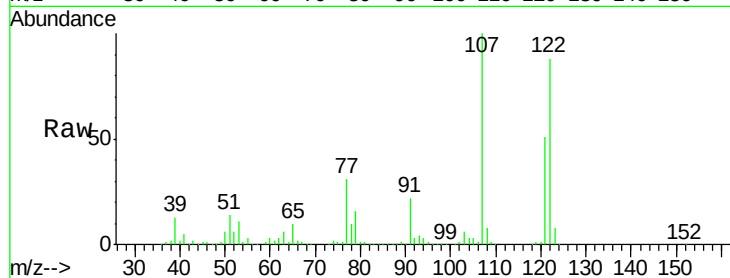
Tgt Ion:122 Resp: 836288

Ion Ratio Lower Upper

122 100

107 113.7 91.8 137.6

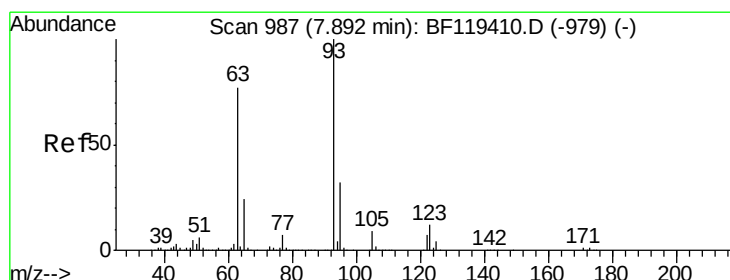
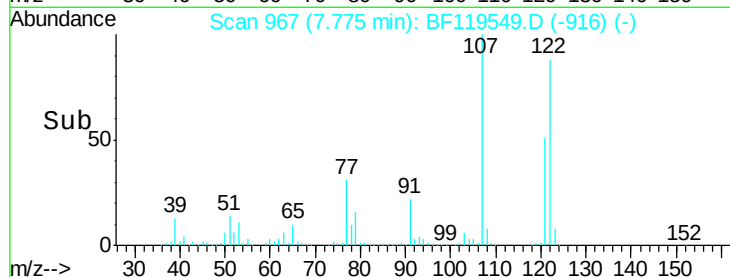
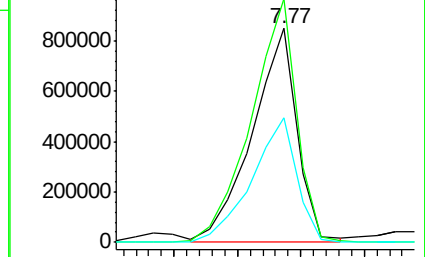
121 58.1 46.5 69.7



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: 49.13 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

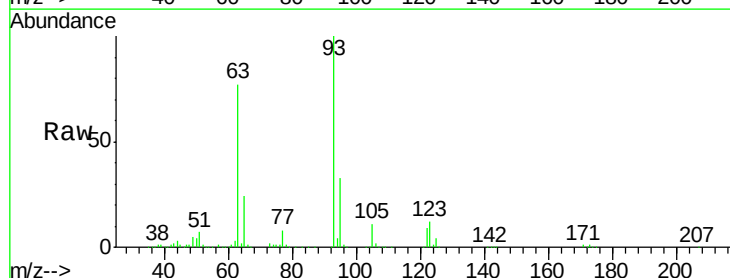
Tgt Ion: 93 Resp: 1232000

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

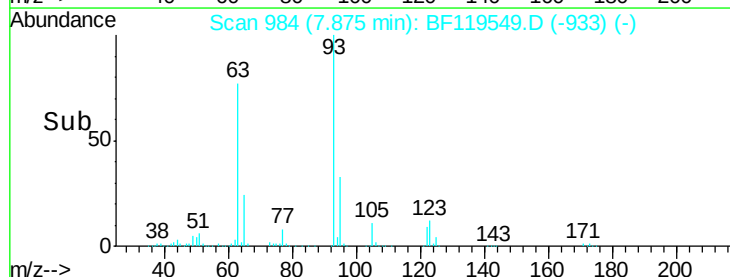
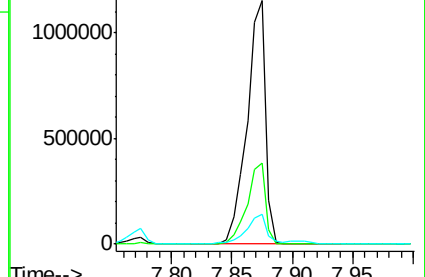
123 12.3 9.7 14.5

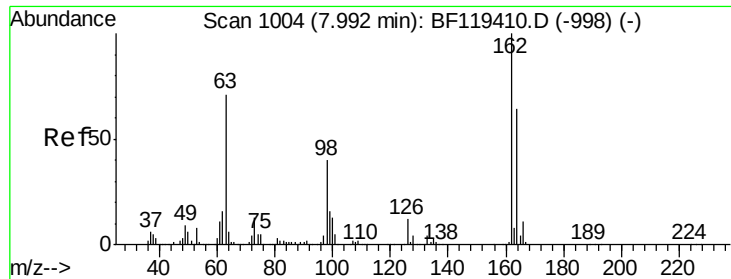


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

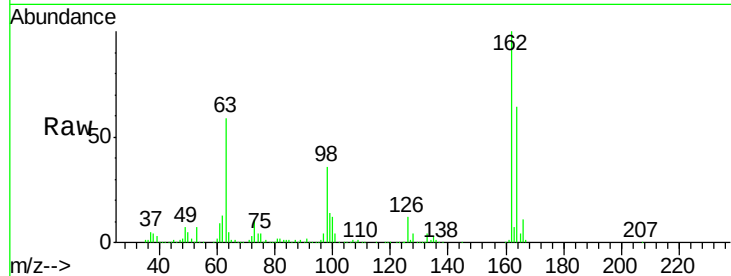




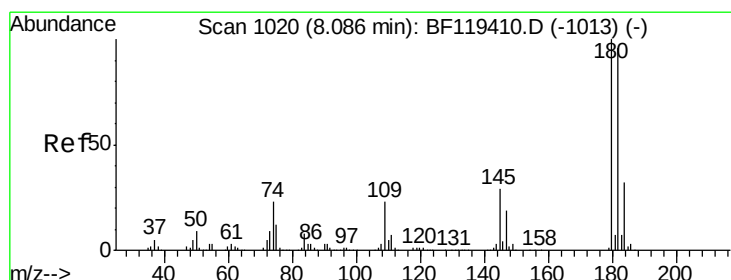
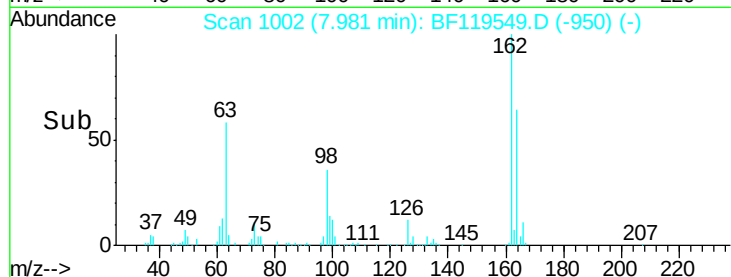
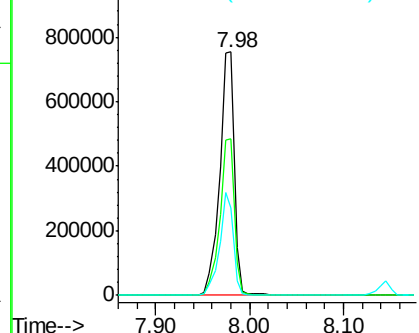
#29
2,4-Dichlorophenol
Concen: 49.82 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tgt Ion:162 Resp: 832553
Ion Ratio Lower Upper
162 100
164 64.3 43.6 83.6
98 36.2 20.4 60.4

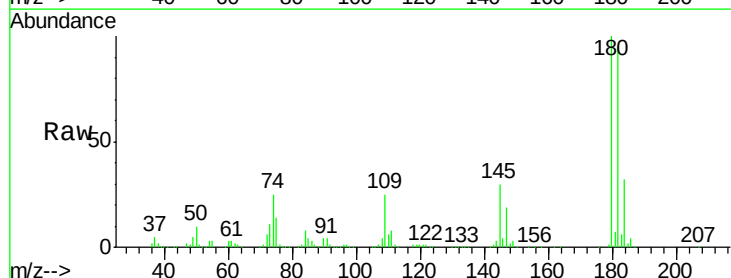


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

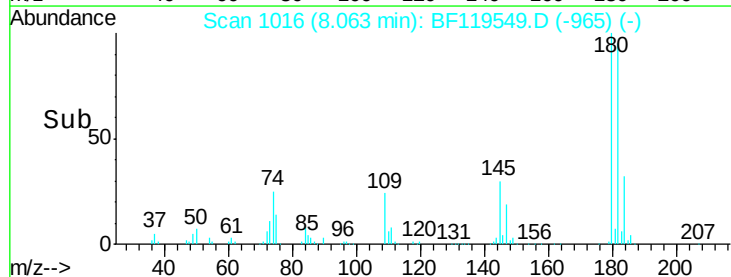
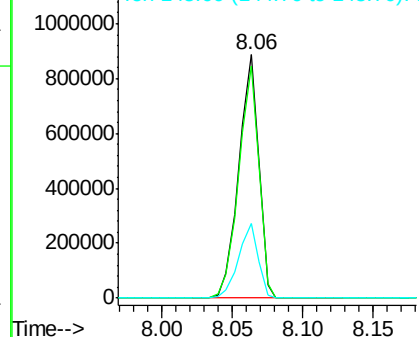


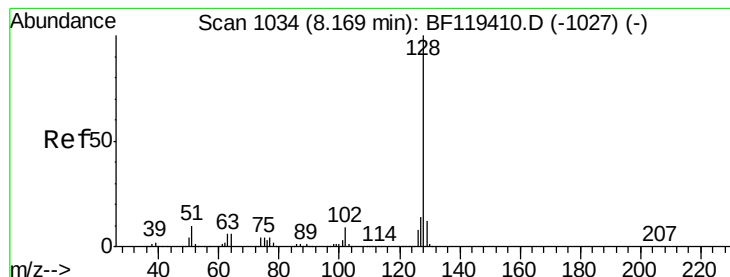
#30
1,2,4-Trichlorobenzene
Concen: 47.28 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:180 Resp: 873906
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 30.5 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: 46.53 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

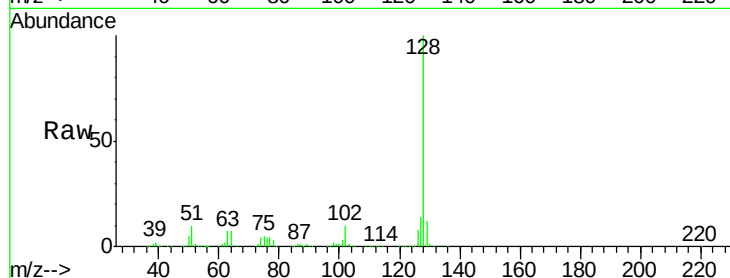
Tgt Ion:128 Resp: 2720596

Ion Ratio Lower Upper

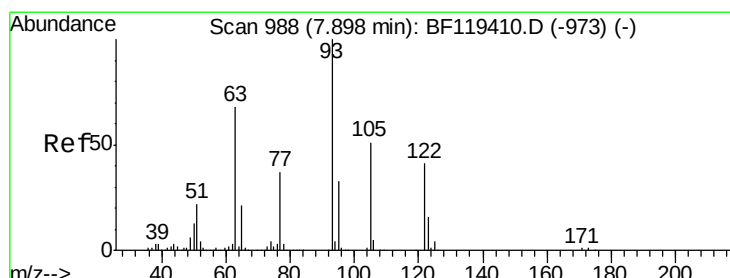
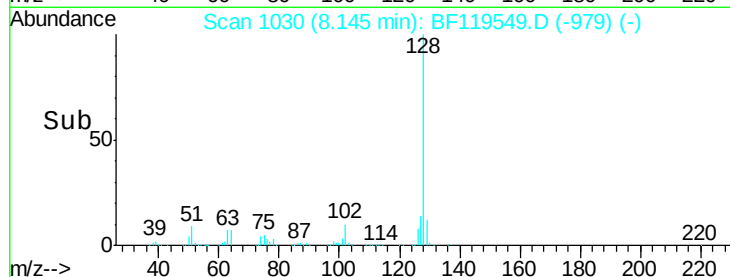
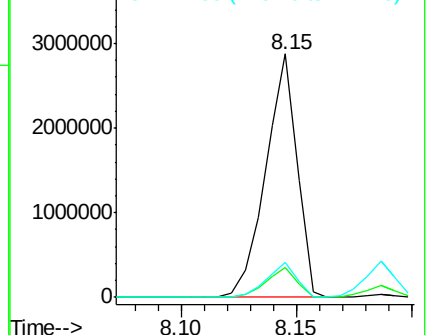
128 100

129 12.1 9.3 13.9

127 14.2 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: 58.07 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

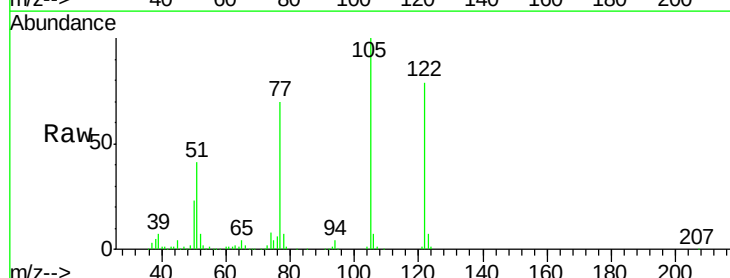
Tgt Ion:122 Resp: 679345

Ion Ratio Lower Upper

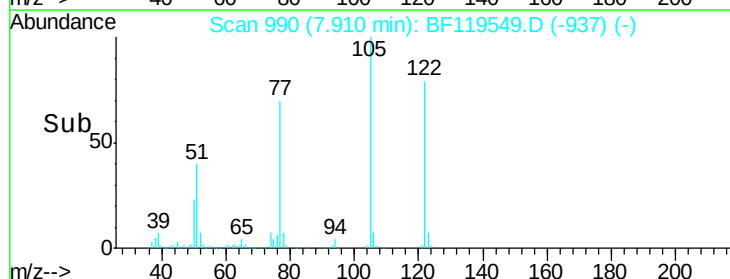
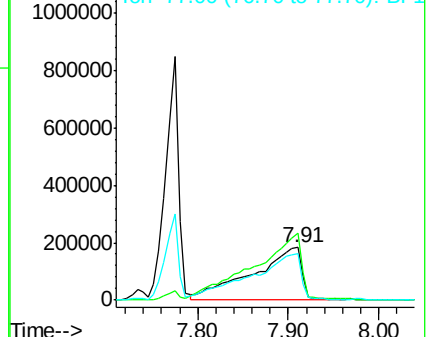
122 100

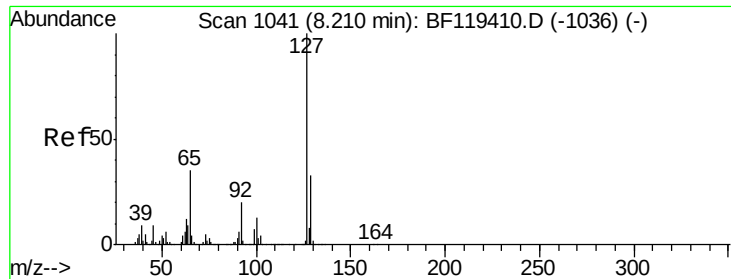
105 127.3 102.9 142.9

77 89.4 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

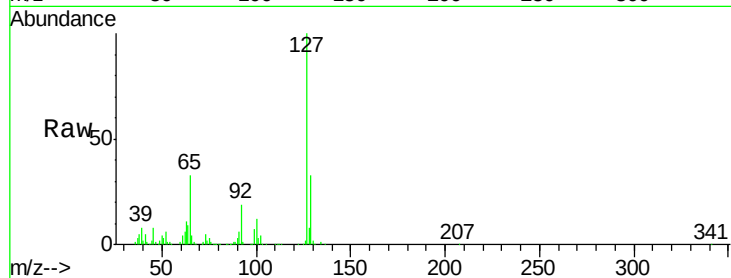




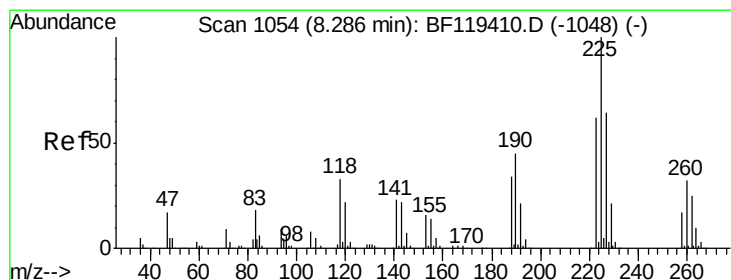
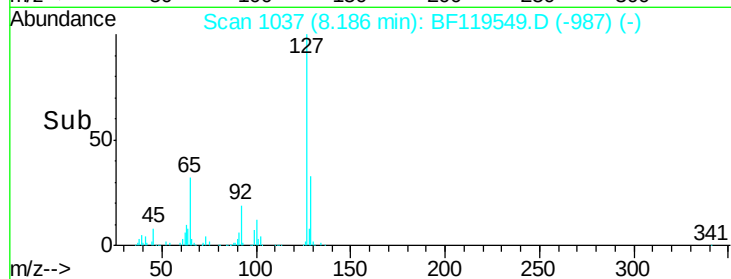
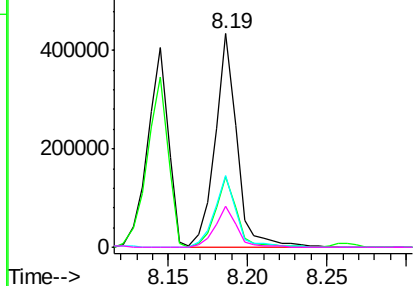
#33
4-Chloroaniline
Concen: 15.42 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tgt Ion:	127	Resp:	413085
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.2	39.4
65	33.4	27.7	41.5
92	19.4	15.8	23.6

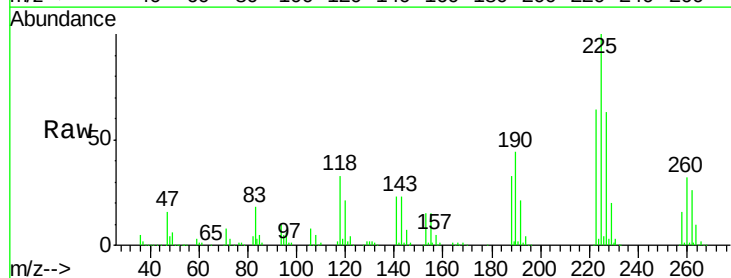


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

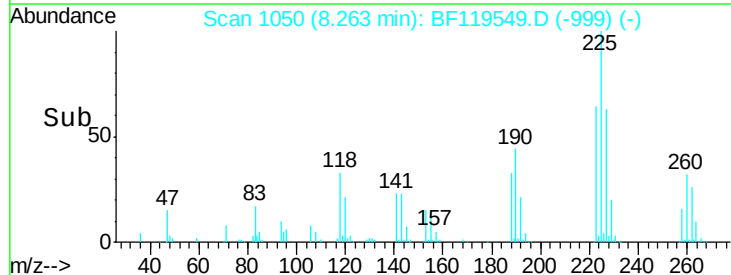
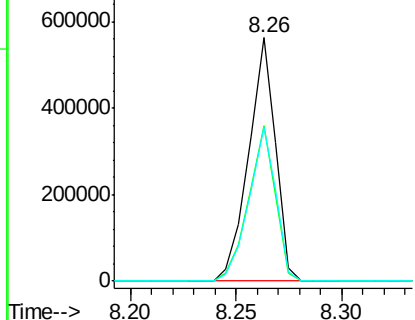


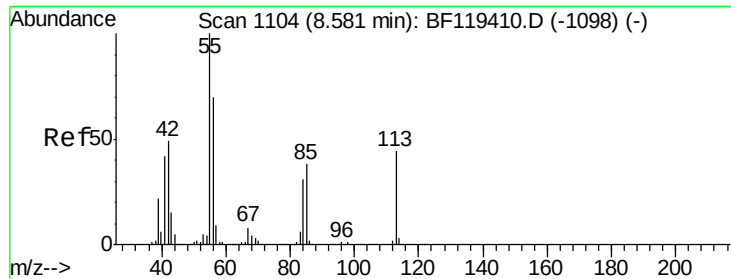
#34
Hexachlorobutadiene
Concen: 48.25 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:	225	Resp:	498905
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.2	73.8
227	63.2	51.1	76.7



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

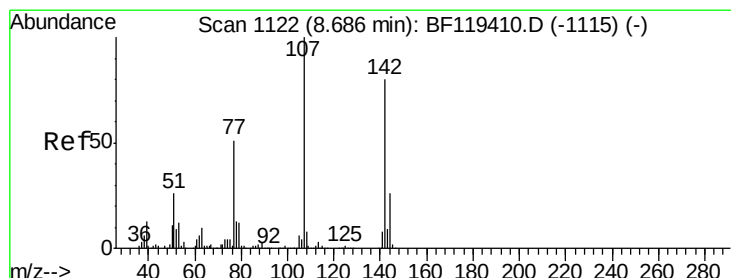
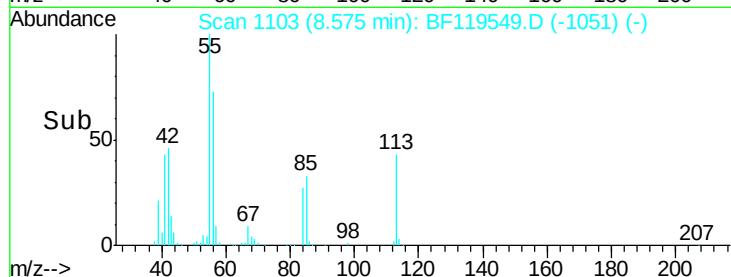
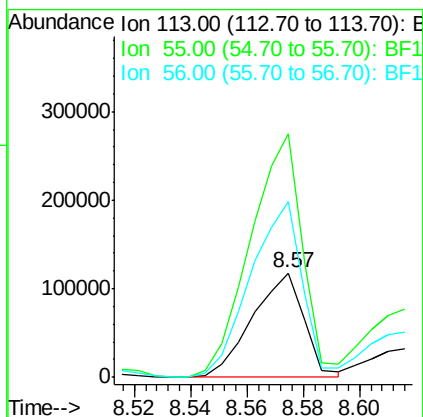
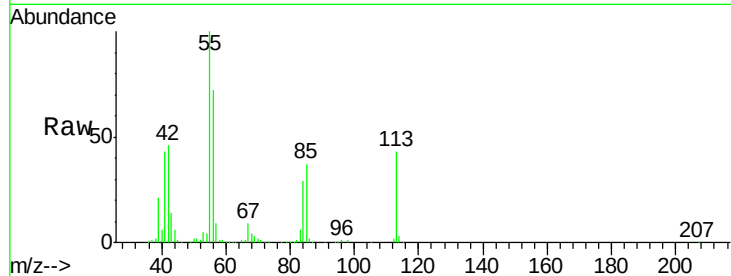




#35
 Caprolactam
 Concen: 27.39 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

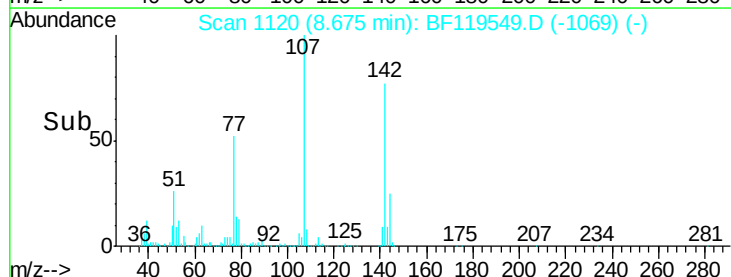
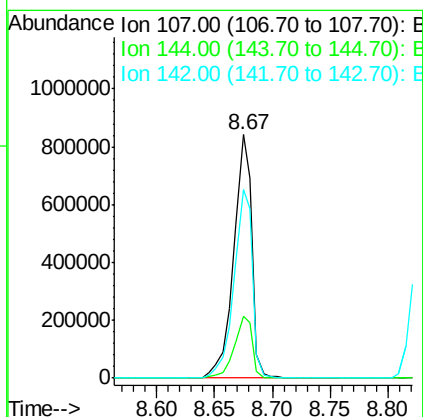
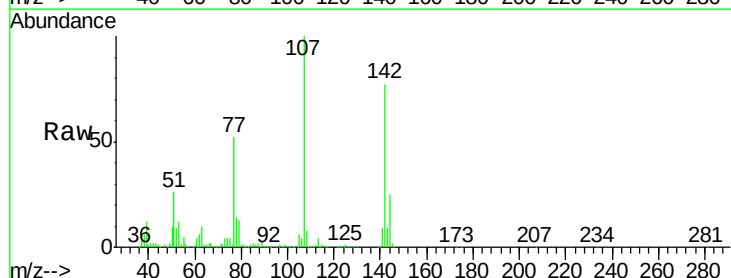
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

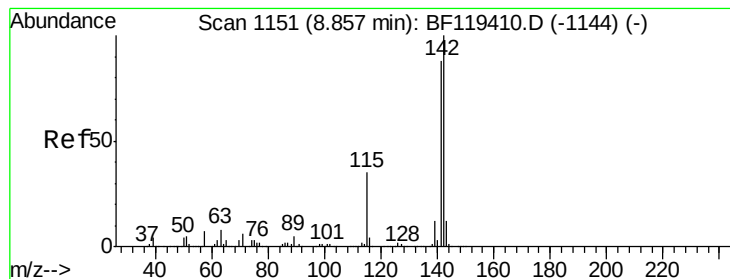
Tgt Ion:113 Resp: 149832
 Ion Ratio Lower Upper
 113 100
 55 233.0 208.4 248.4
 56 168.5 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 49.88 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:107 Resp: 911049
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.6 31.0
 142 77.5 63.8 95.6





#37

2-Methylnaphthalene

Concen: 49.09 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

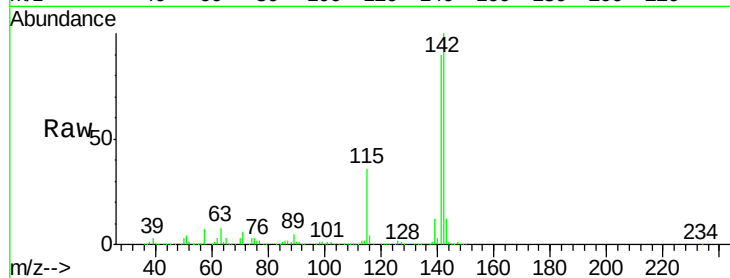
Tgt Ion:142 Resp: 1883602

Ion Ratio Lower Upper

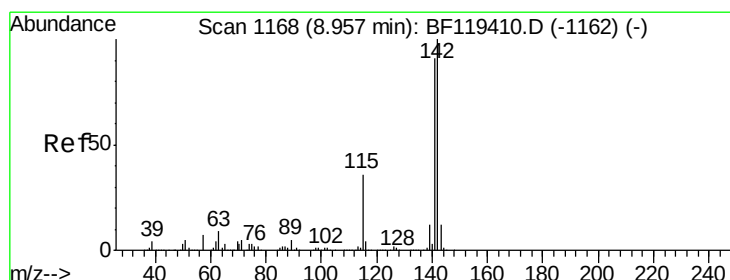
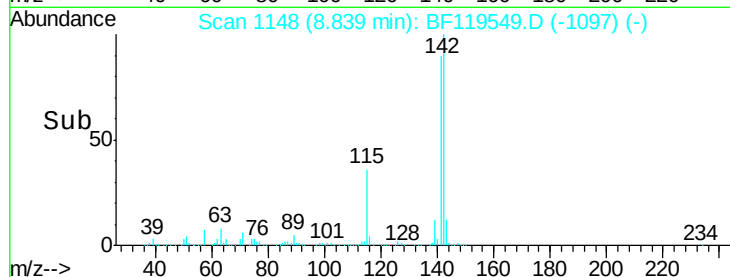
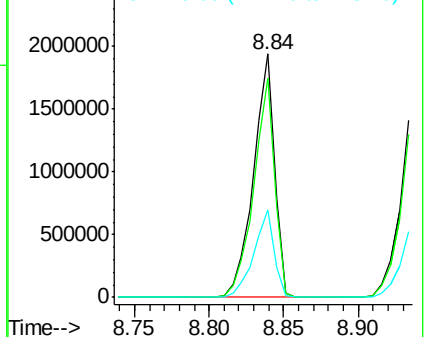
142 100

141 90.1 70.4 105.6

115 35.7 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: 49.49 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

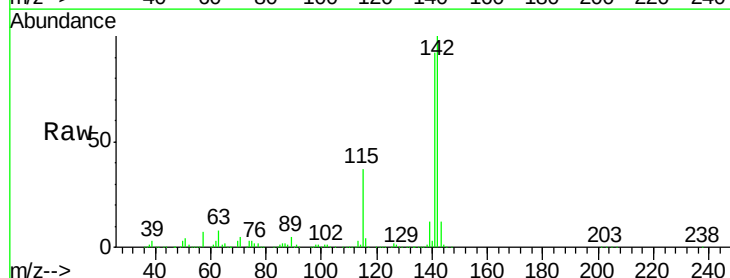
Tgt Ion:142 Resp: 1797210

Ion Ratio Lower Upper

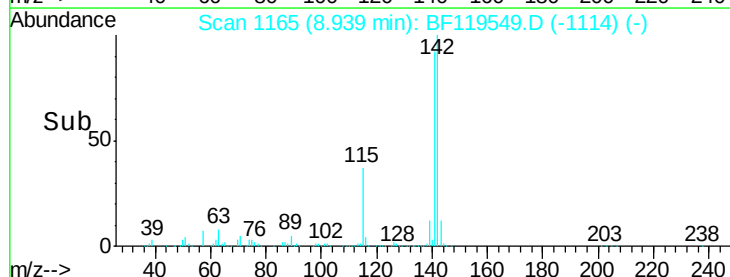
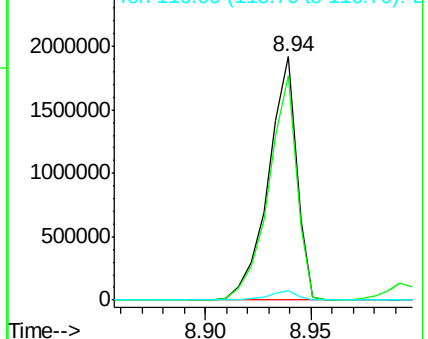
142 100

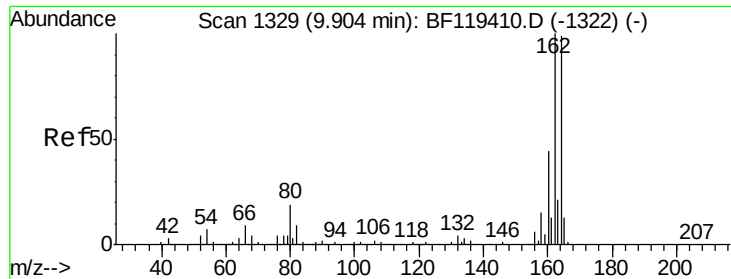
141 92.2 73.1 109.7

116 3.7 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

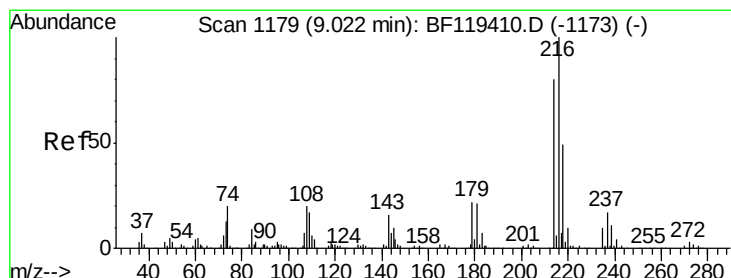
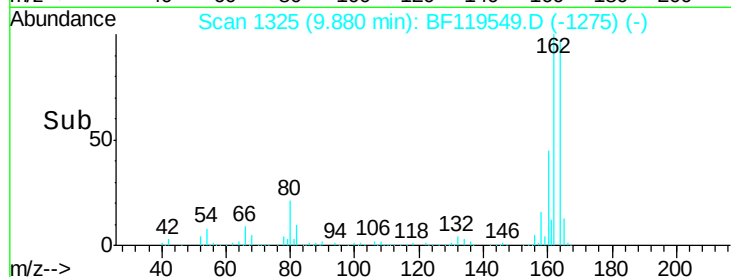
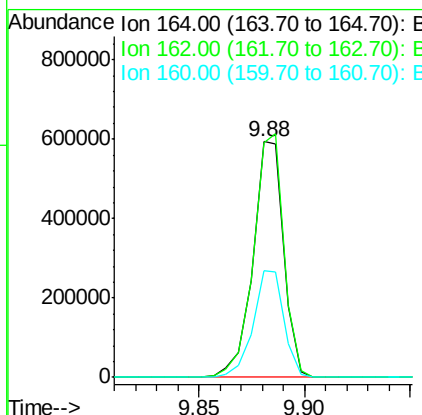
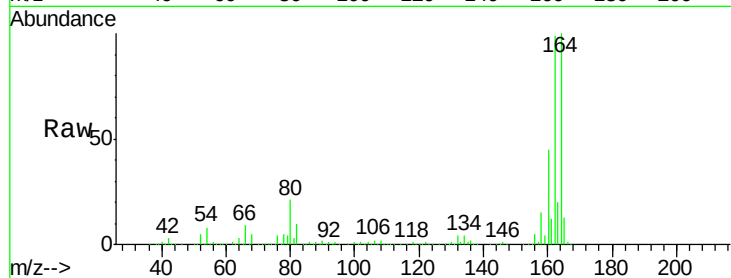




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

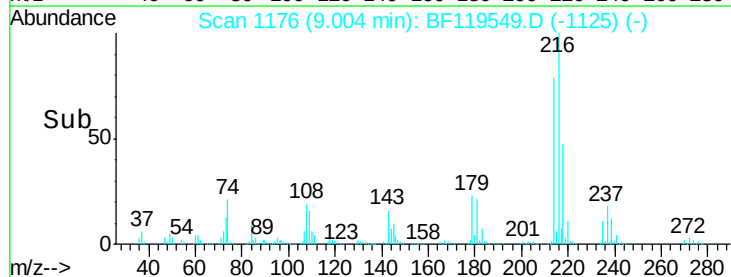
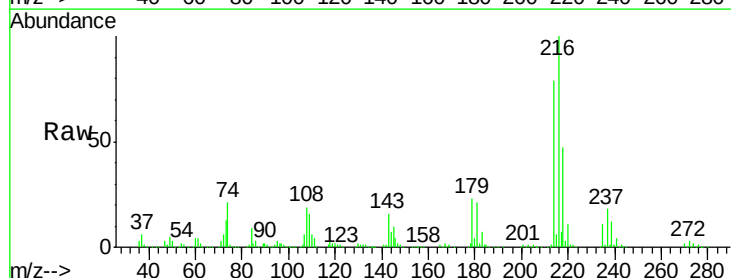
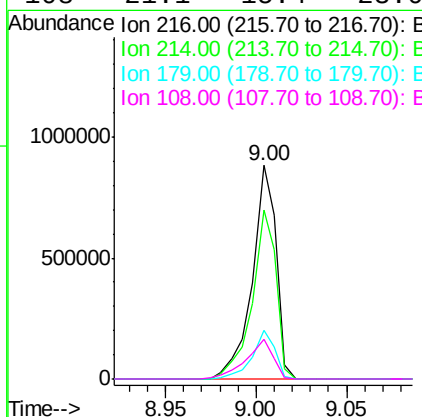
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

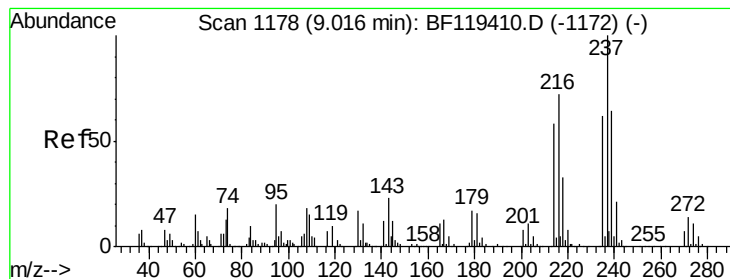
Tgt Ion:164 Resp: 602853
Ion Ratio Lower Upper
164 100
162 99.4 80.7 121.1
160 45.1 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.78 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:216 Resp: 809015
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.6
179 21.6 17.0 25.4
108 21.1 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 99.39 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

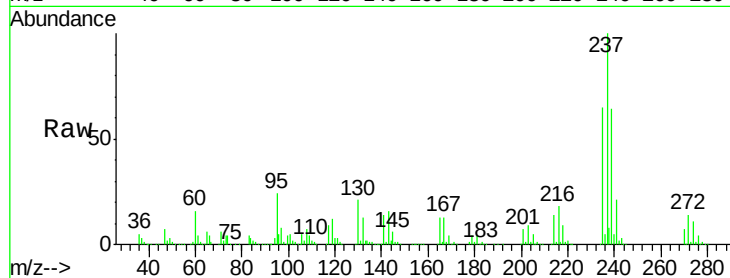
Tgt Ion:237 Resp: 998428

Ion Ratio Lower Upper

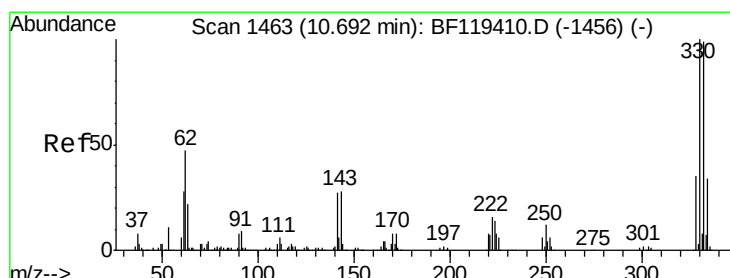
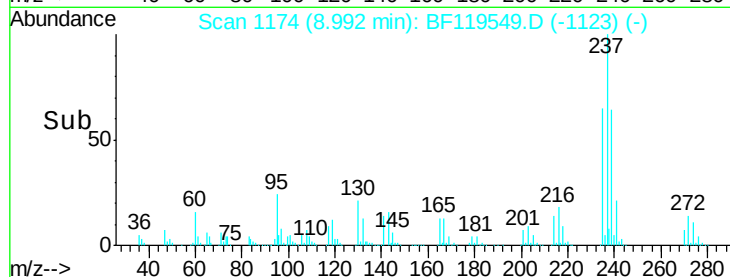
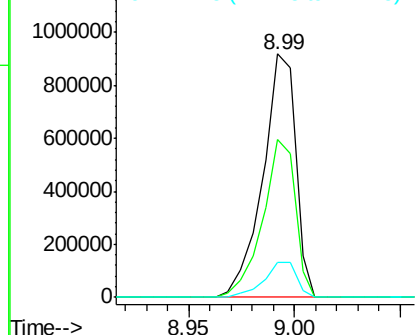
237 100

235 64.9 42.5 82.5

272 14.2 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: 98.42 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

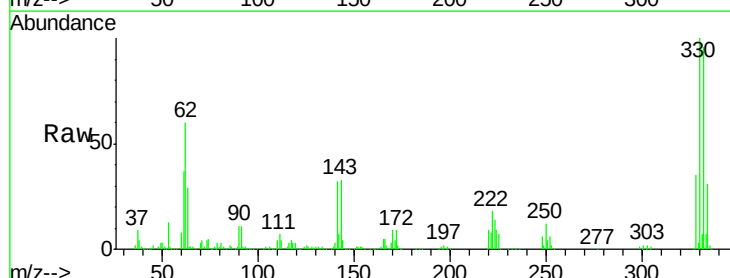
Tgt Ion:330 Resp: 612104

Ion Ratio Lower Upper

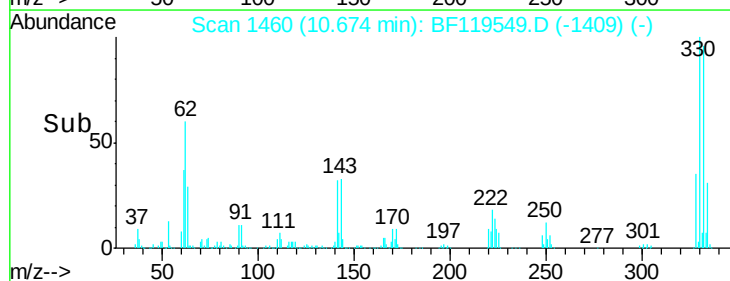
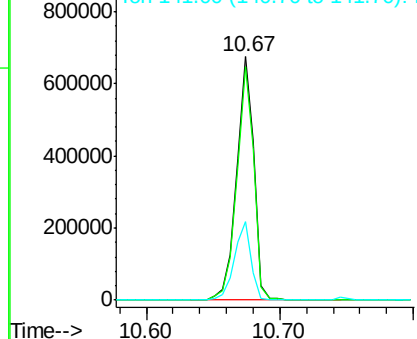
330 100

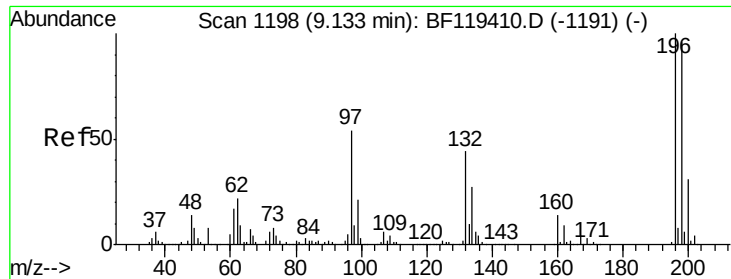
332 95.6 77.6 116.4

141 31.6 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

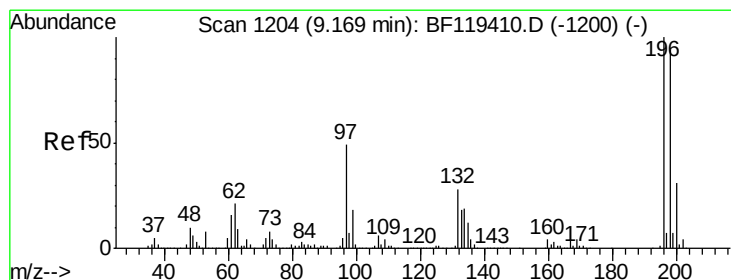
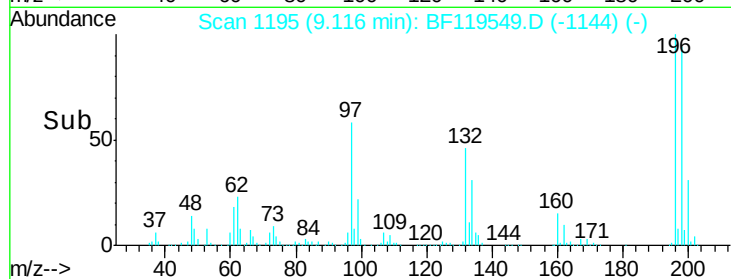
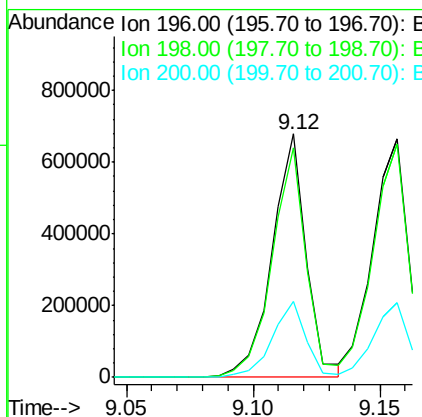
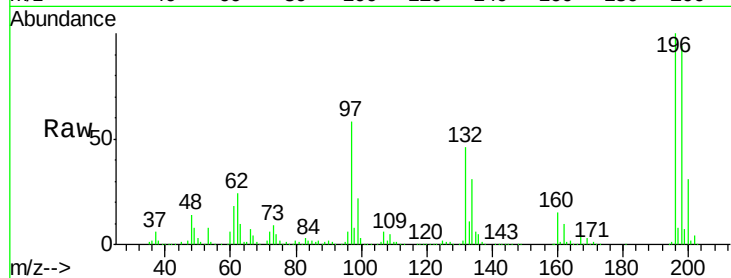




#43
 2,4,6-Trichlorophenol
 Concen: 50.48 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

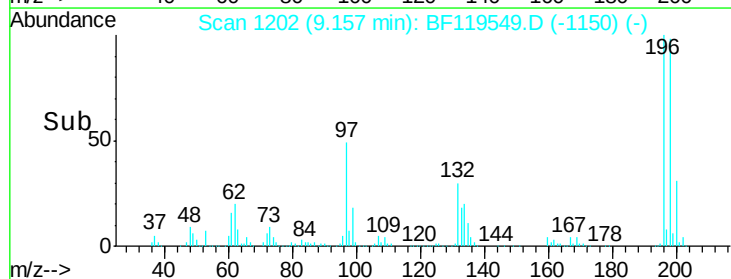
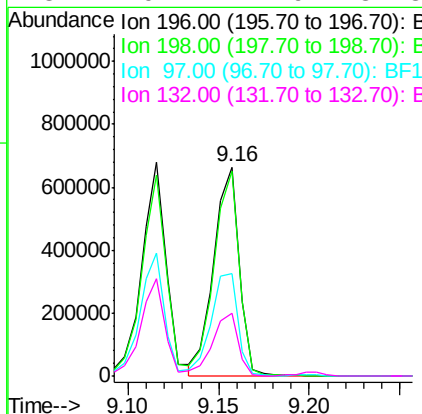
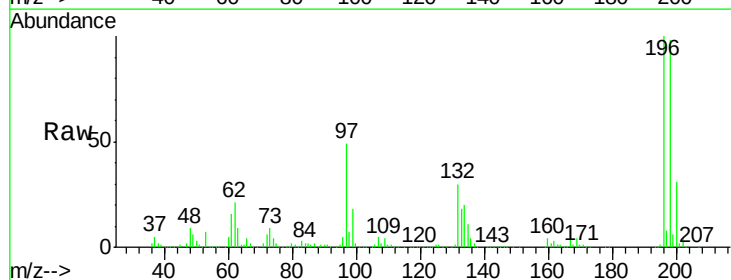
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

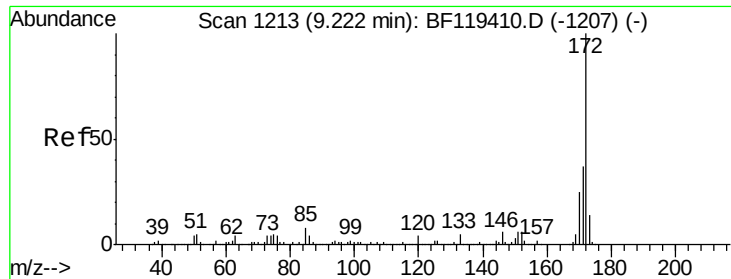
Tgt Ion:196 Resp: 638273
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.0 115.4
 200 31.0 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.81 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:196 Resp: 648914
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.3 112.9
 97 49.2 39.0 58.4
 132 29.7 22.9 34.3

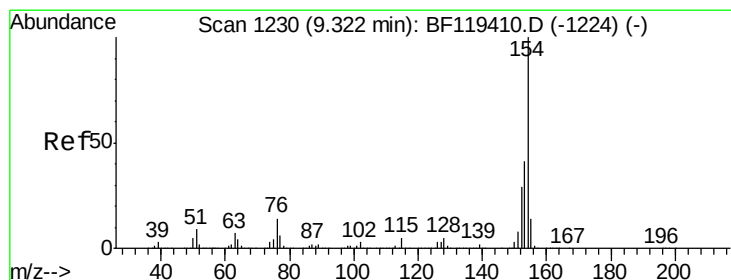
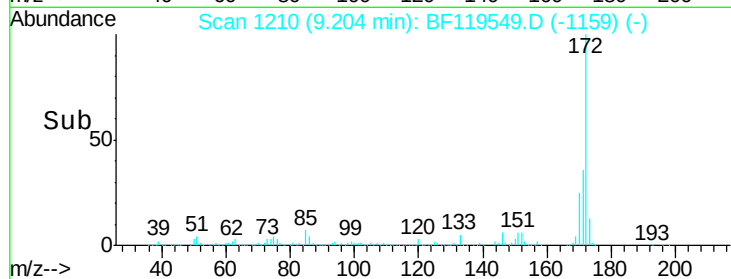
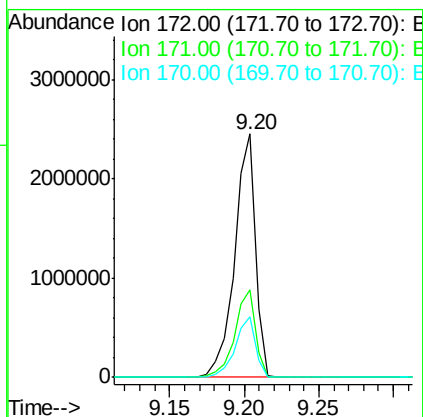
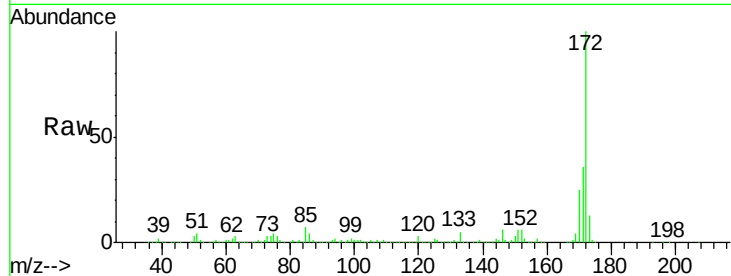




#45
 2-Fluorobiphenyl
 Concen: 59.02 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

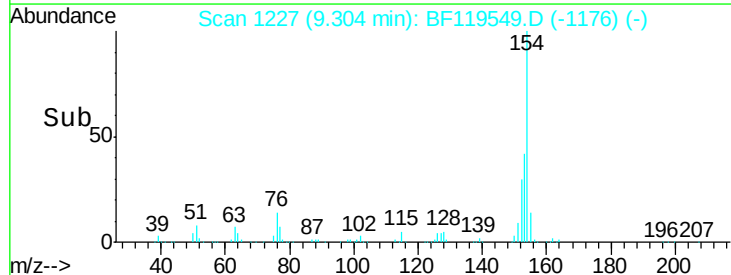
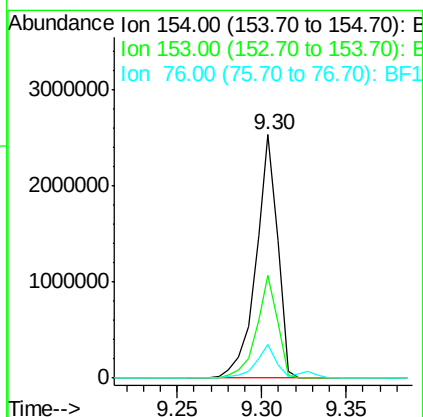
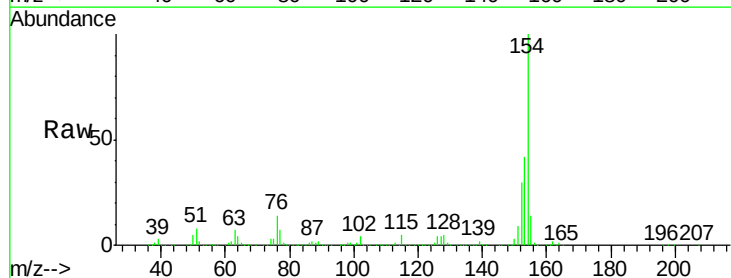
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

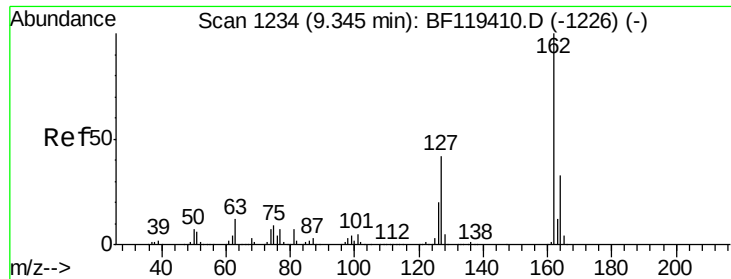
Tgt Ion:172 Resp: 2401750
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.9 44.9
 170 24.7 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 45.78 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:154 Resp: 2247980
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.4 61.4
 76 13.7 0.0 33.6

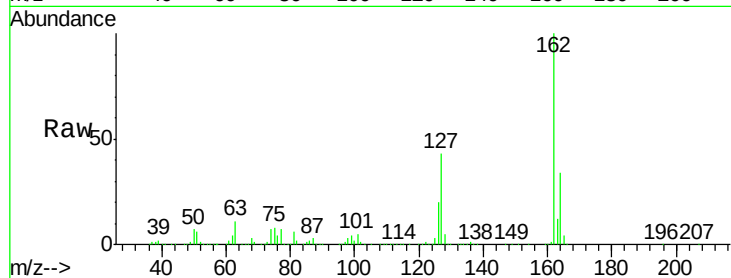




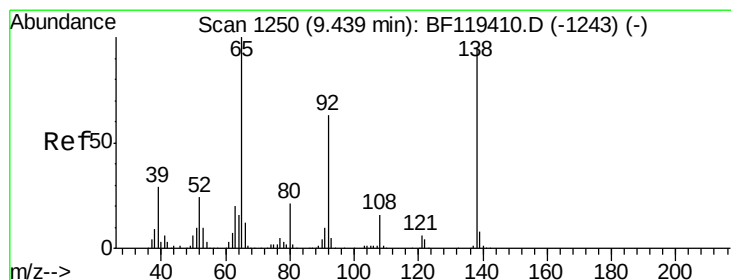
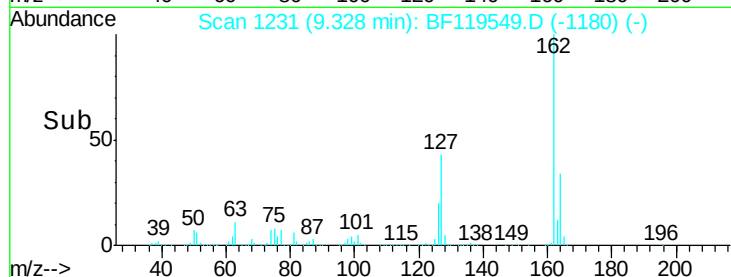
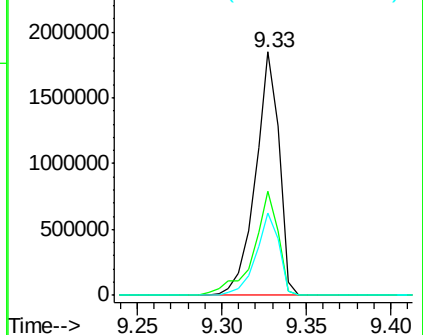
#47
 2-Chloronaphthalene
 Concen: 46.59 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tgt Ion: 162 Resp: 1791954
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.7 50.5
 164 33.7 26.2 39.4

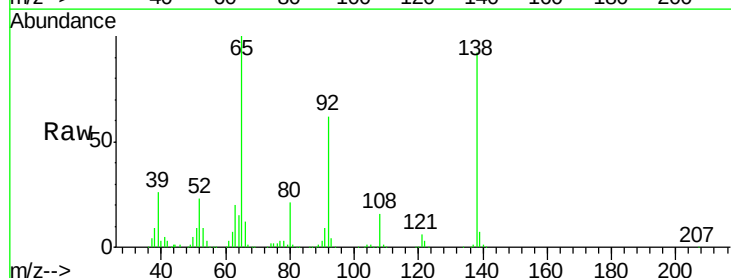


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

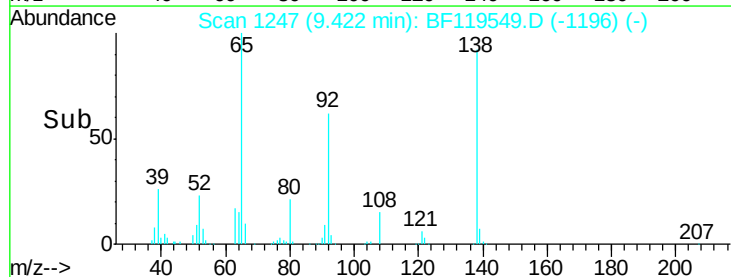
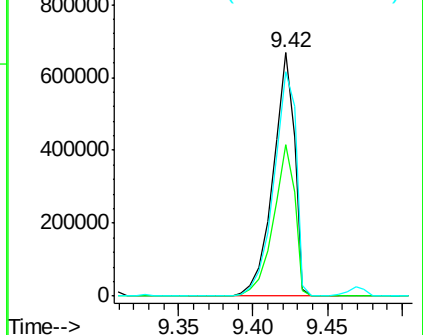


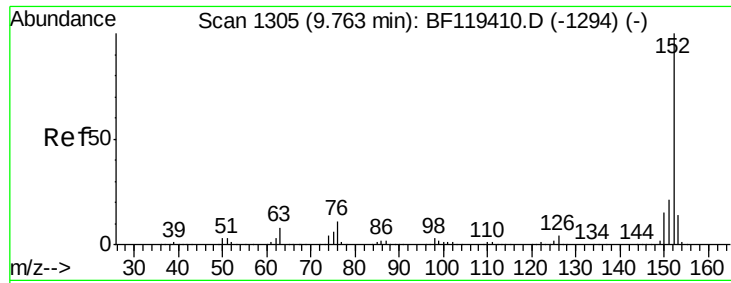
#48
 2-Nitroaniline
 Concen: 49.87 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion: 65 Resp: 662076
 Ion Ratio Lower Upper
 65 100
 92 62.2 50.5 75.7
 138 92.0 75.8 113.8



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





#49

Acenaphthylene

Concen: 45.84 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

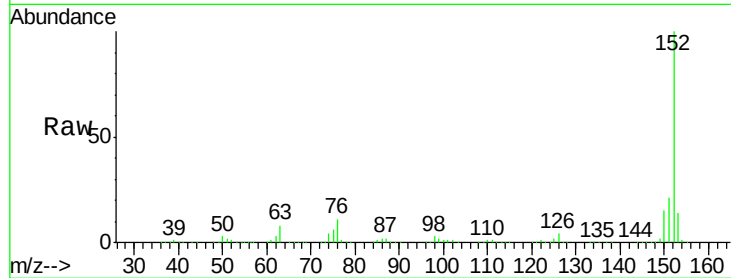
Tgt Ion:152 Resp: 2768765

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

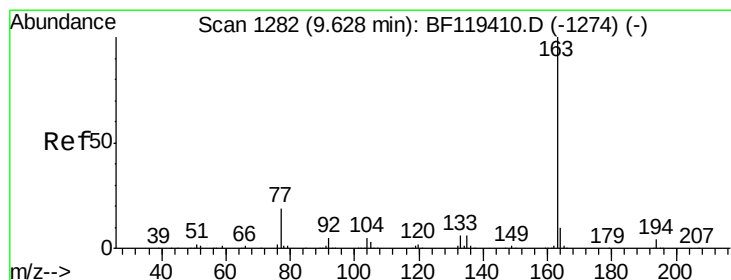
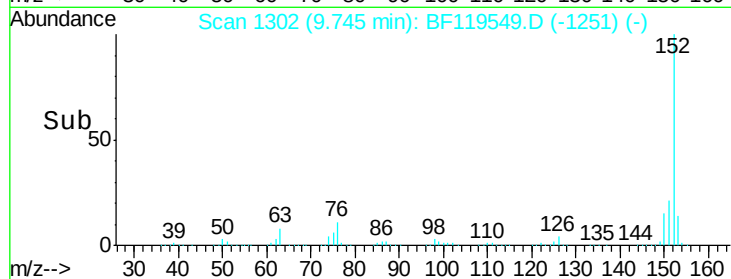
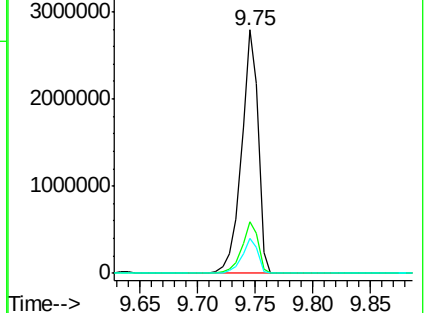
153 14.2 11.2 16.8



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: 56.49 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

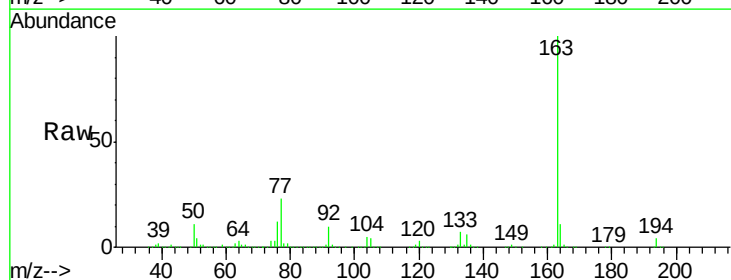
Tgt Ion:163 Resp: 2419152

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

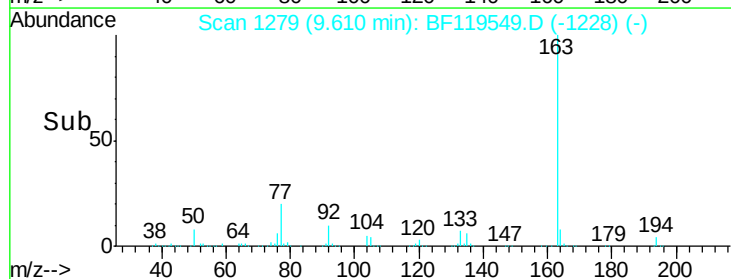
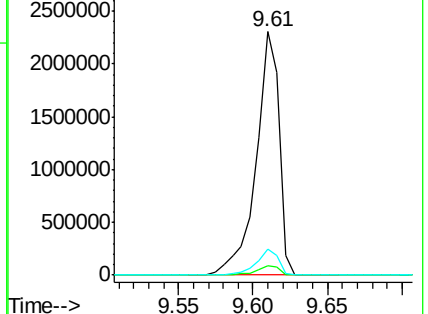
164 10.7 8.1 12.1

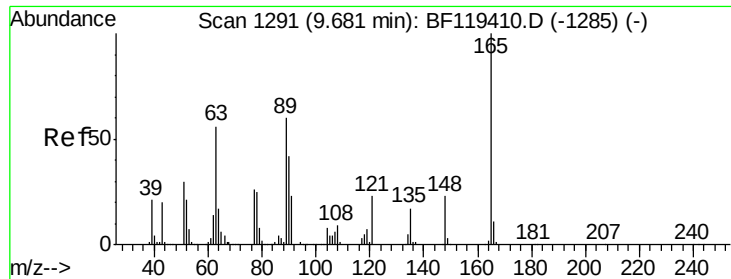


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

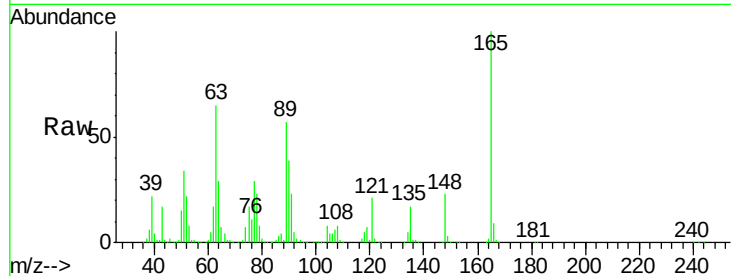




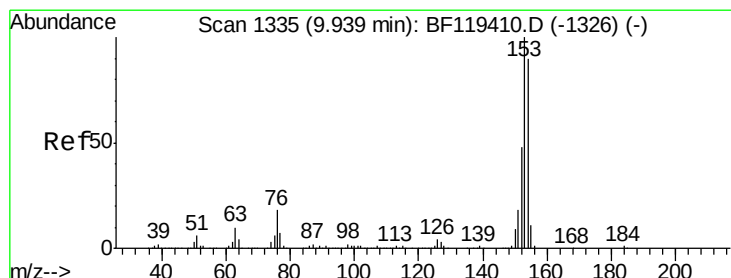
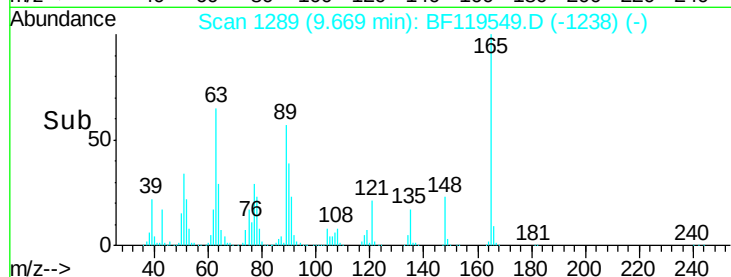
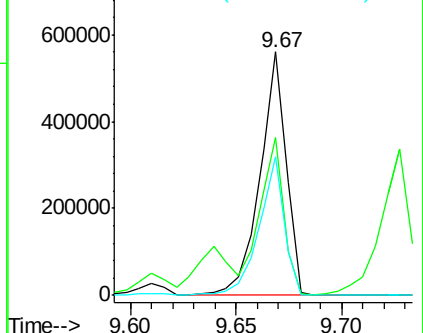
#51
 2,6-Dinitrotoluene
 Concen: 52.71 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tgt Ion:165 Resp: 483776
 Ion Ratio Lower Upper
 165 100
 63 64.7 57.3 85.9
 89 57.2 47.8 71.8

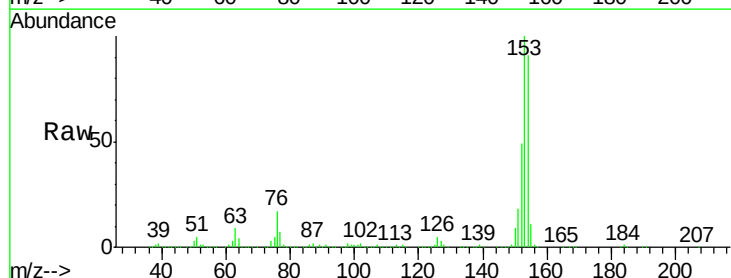


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

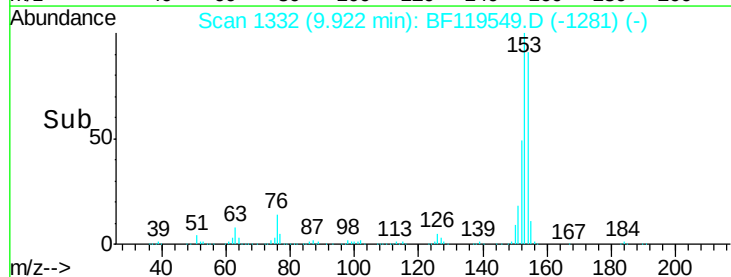
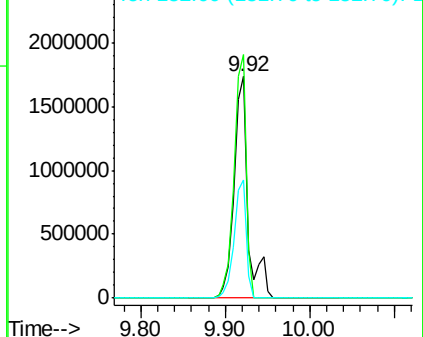


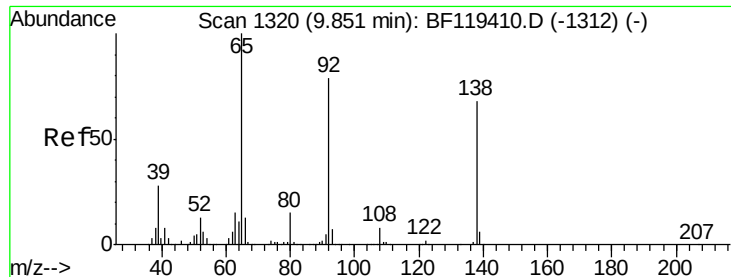
#52
 Acenaphthene
 Concen: 52.45 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:154 Resp: 1974672
 Ion Ratio Lower Upper
 154 100
 153 109.9 89.0 133.6
 152 53.5 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

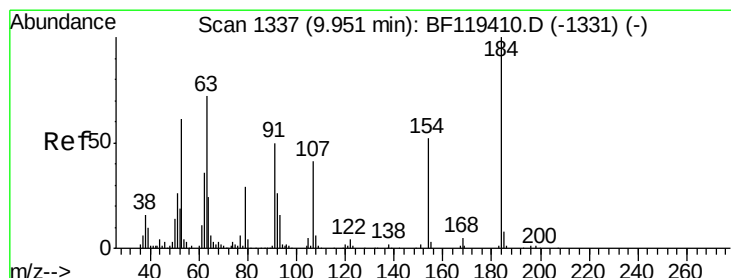
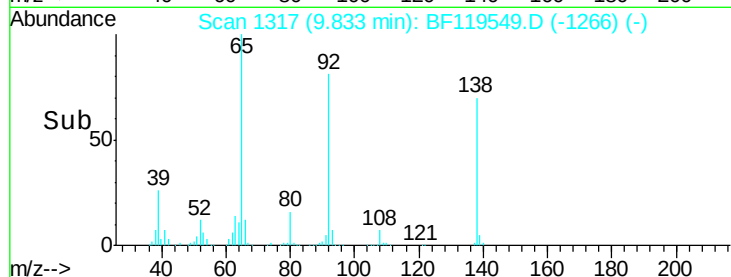
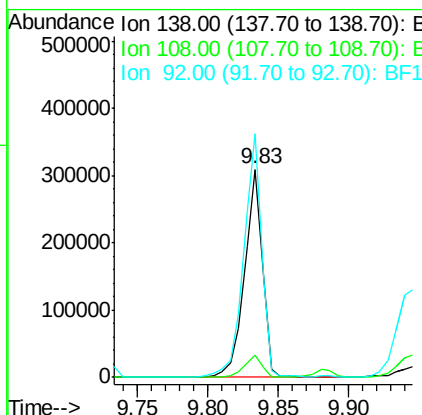
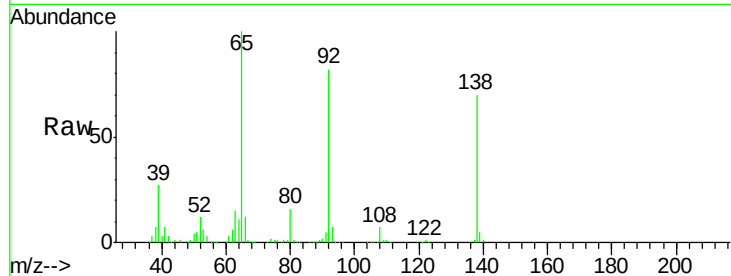




#53
3-Nitroaniline
Concen: 23.55 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

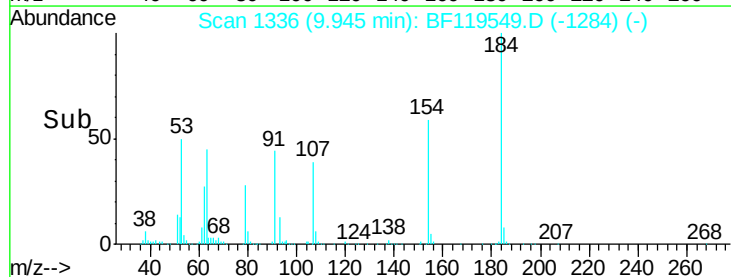
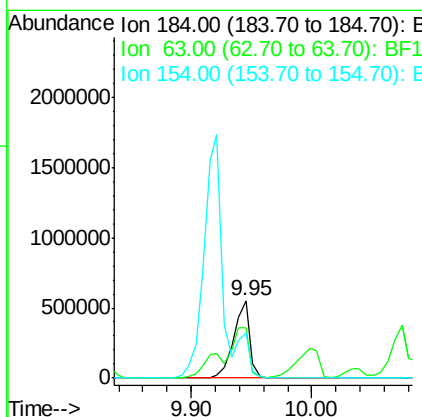
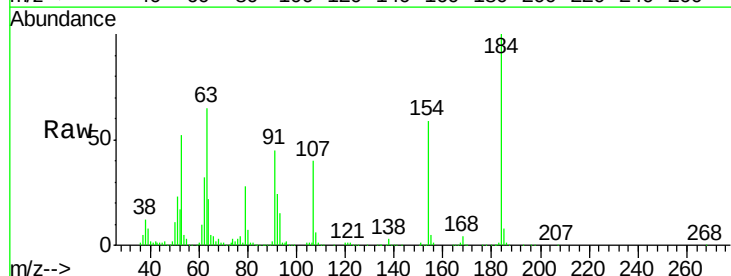
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

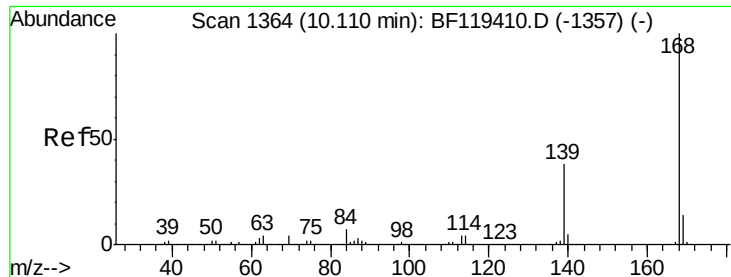
Tgt Ion:138 Resp: 272937
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.6
92 117.1 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 125.02 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:184 Resp: 514413
Ion Ratio Lower Upper
184 100
63 64.9 58.5 87.7
154 58.8 51.8 77.6

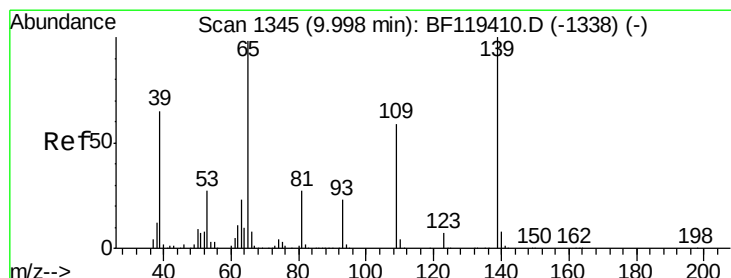
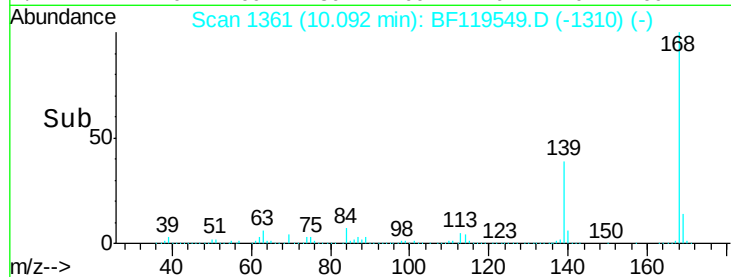
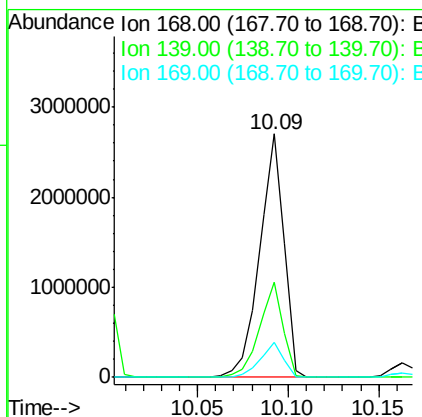
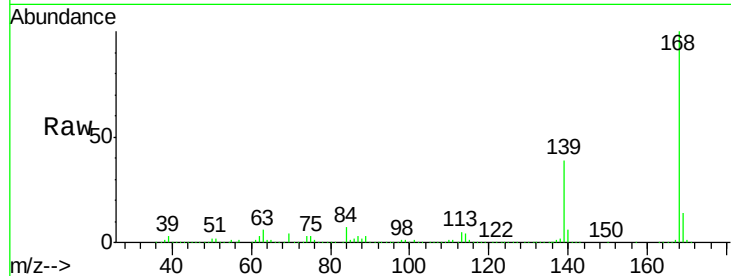




#55
Dibenzenofuran
Concen: 46.58 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

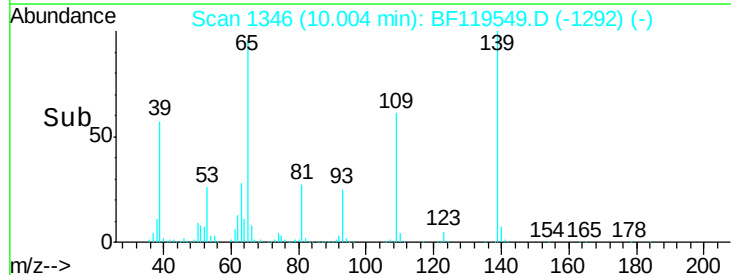
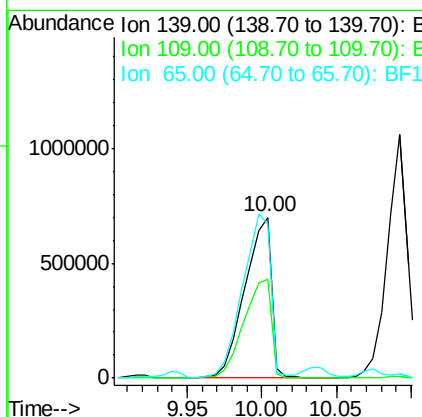
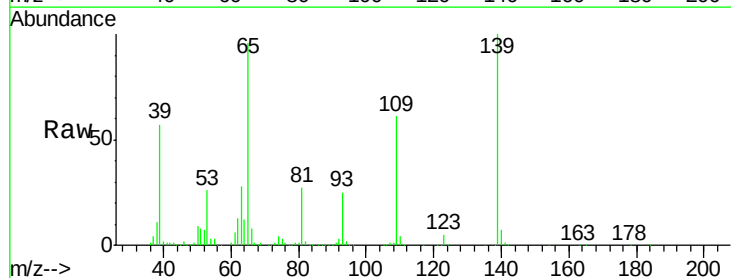
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

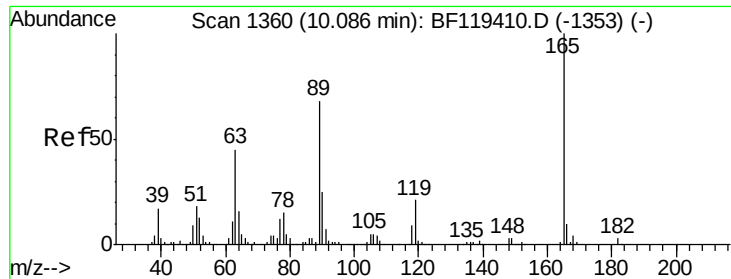
Tgt Ion:168 Resp: 2514403
Ion Ratio Lower Upper
168 100
139 39.2 30.2 45.4
169 14.2 11.1 16.7



#56
4-Nitrophenol
Concen: 94.94 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:139 Resp: 867832
Ion Ratio Lower Upper
139 100
109 61.4 39.6 79.6
65 95.7 78.3 118.3

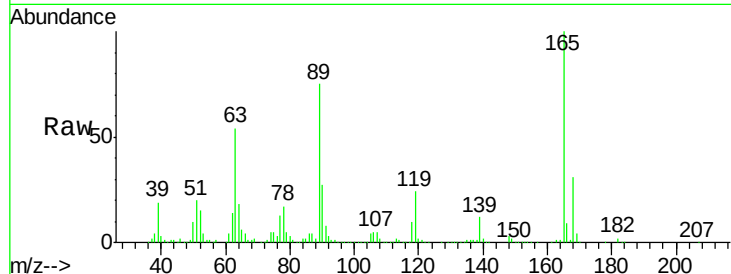




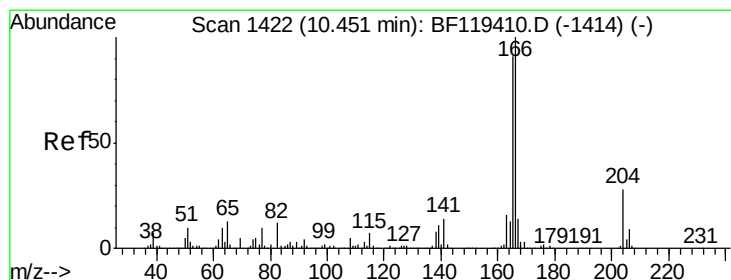
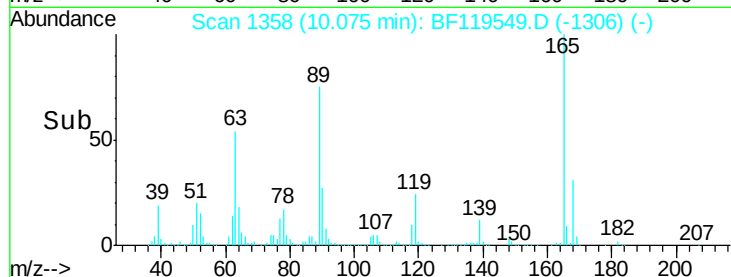
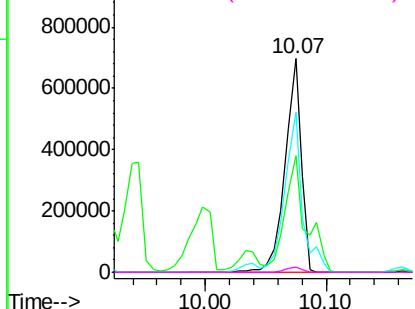
#57
2,4-Dinitrotoluene
Concen: 55.69 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tgt Ion:165 Resp: 643914
Ion Ratio Lower Upper
165 100
63 54.4 36.2 54.4#
89 75.1 54.3 81.5
182 2.3 2.0 3.0

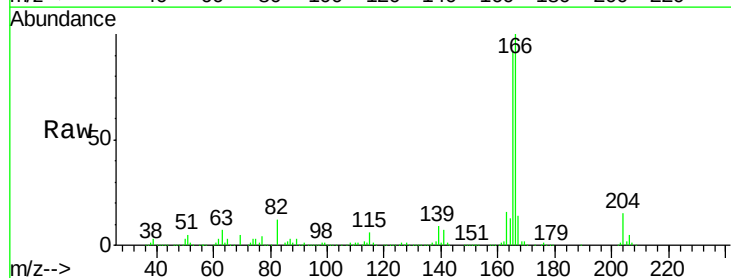


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

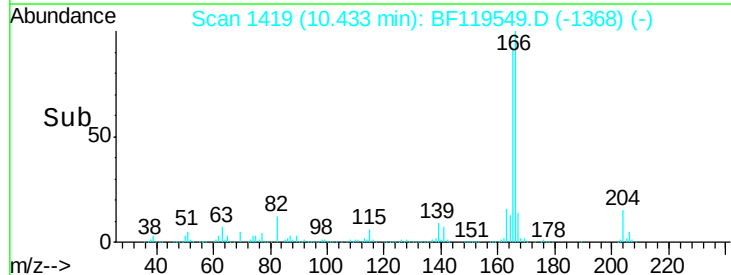
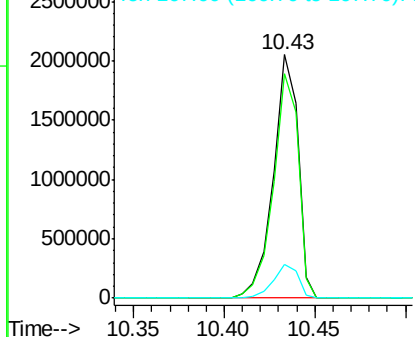


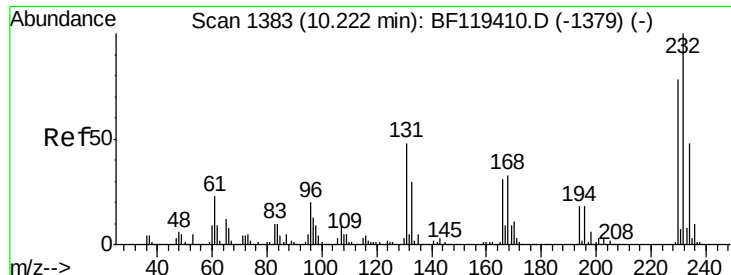
#58
Fluorene
Concen: 48.68 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:166 Resp: 1943478
Ion Ratio Lower Upper
166 100
165 92.2 73.1 109.7
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

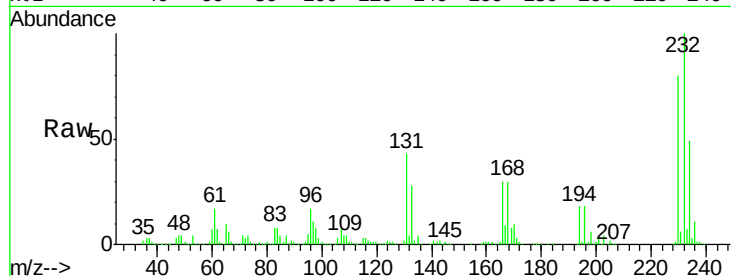




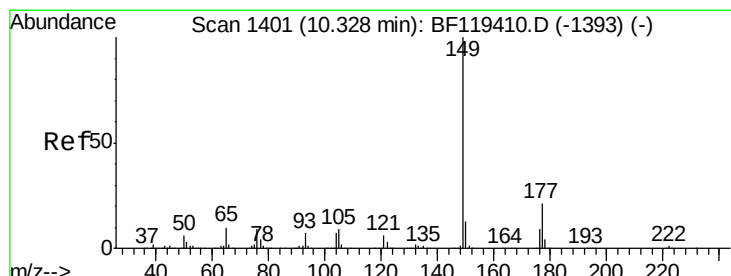
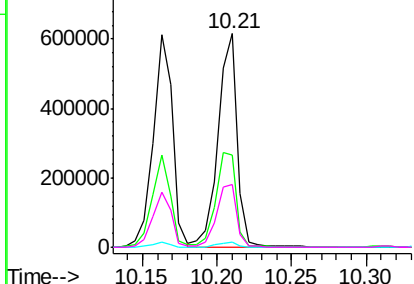
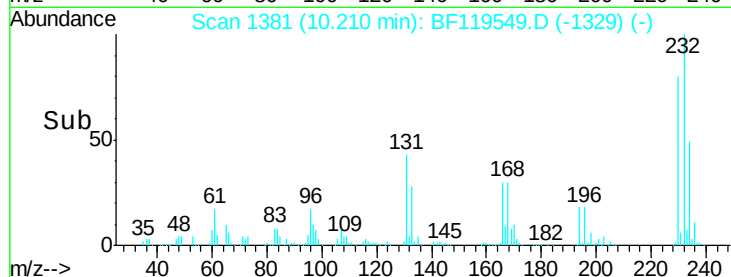
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.39 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tgt Ion:	232	Resp:	554769
Ion	Ratio	Lower	Upper
232	100		
131	47.1	36.3	54.5
130	2.3	1.8	2.6
166	31.0	24.9	37.3

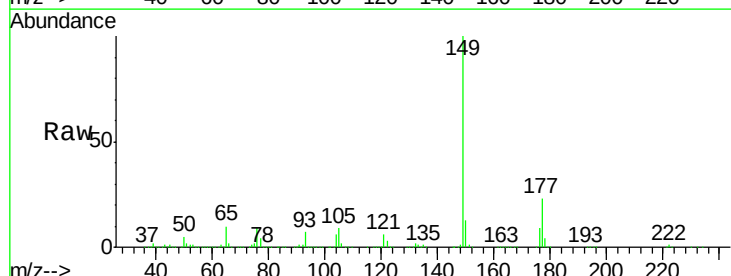


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

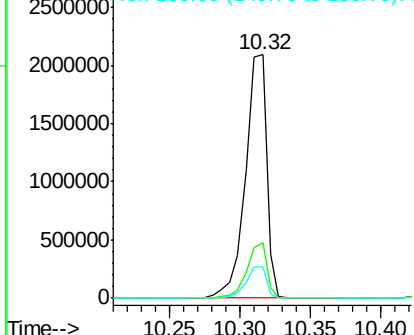
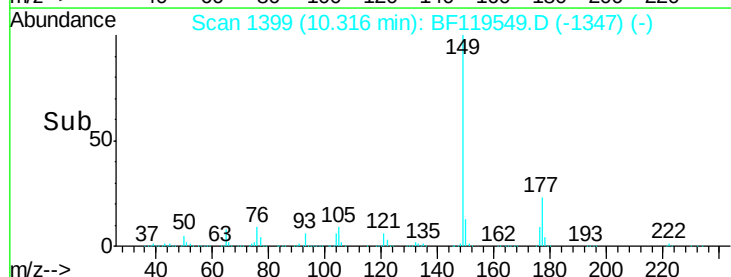


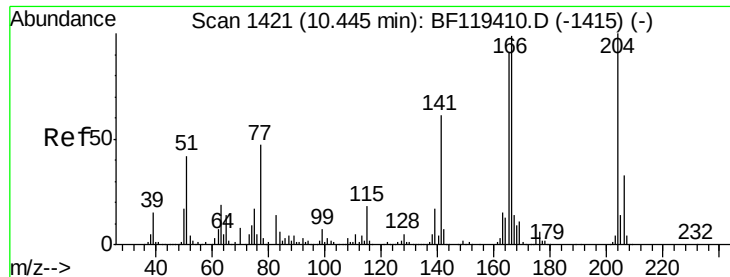
#60
 Diethylphthalate
 Concen: 50.85 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:	149	Resp:	2209849
Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.8	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

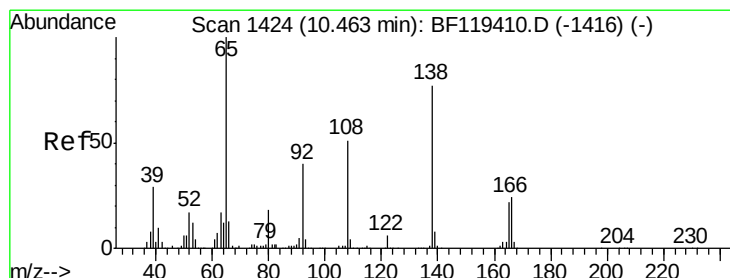
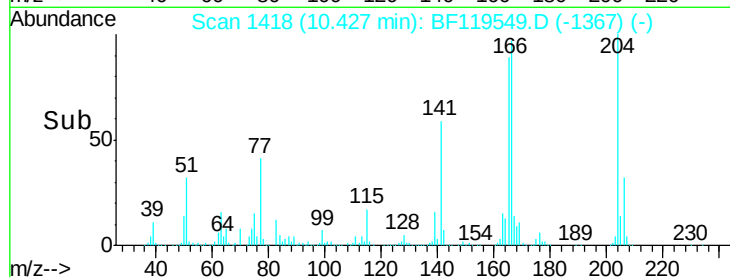
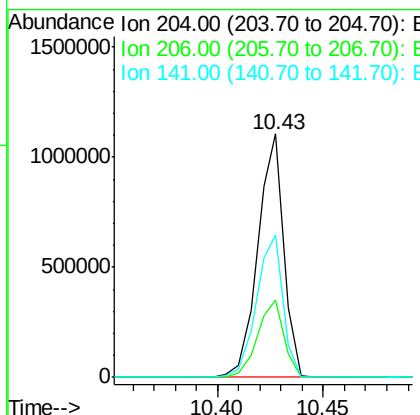
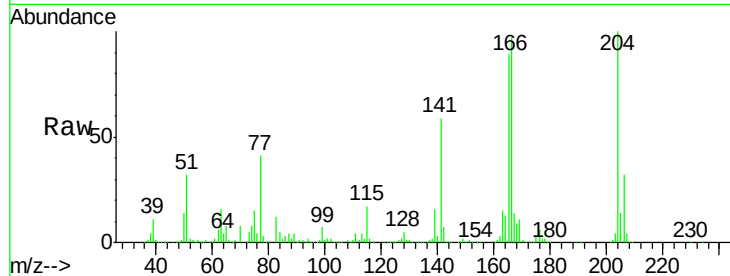




#61
 4-Chlorophenyl-phenylether
 Concen: 48.40 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

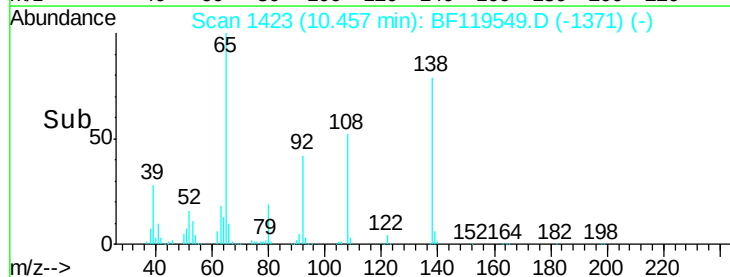
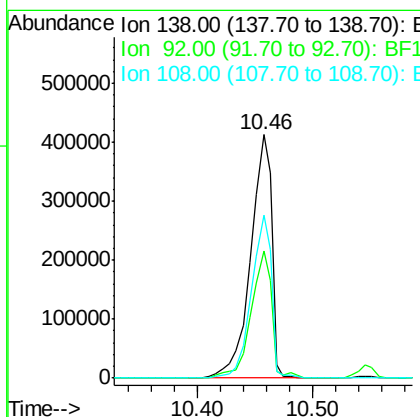
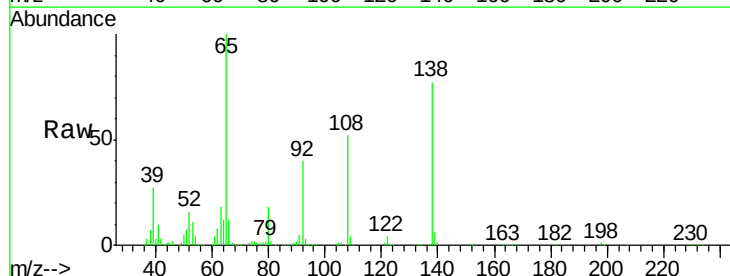
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

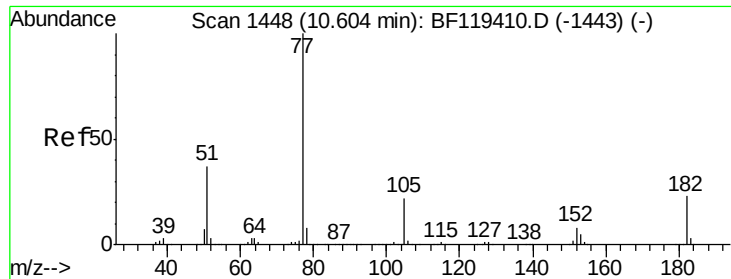
Tgt Ion:204 Resp: 944785
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.7 40.1
 141 58.5 48.8 73.2



#62
 4-Nitroaniline
 Concen: 47.26 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:138 Resp: 525179
 Ion Ratio Lower Upper
 138 100
 92 52.2 32.0 72.0
 108 67.0 46.0 86.0

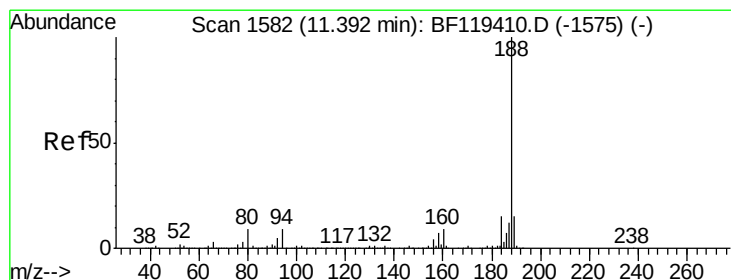
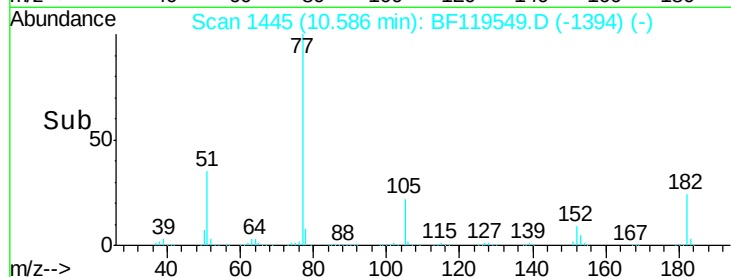
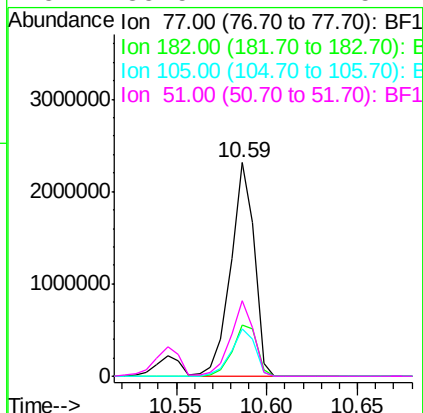
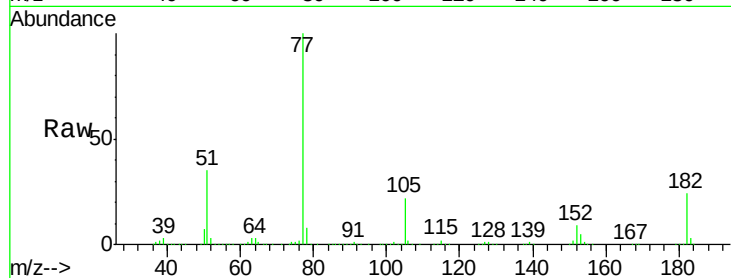




#63
Azobenzene
Concen: 47.84 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

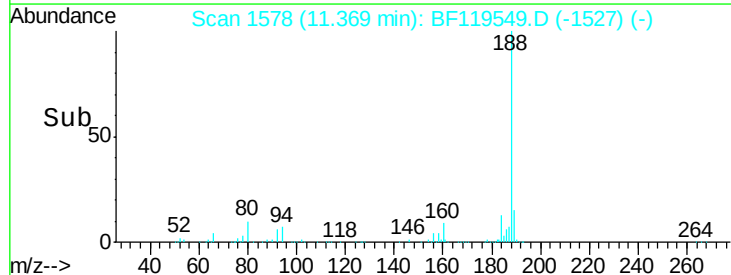
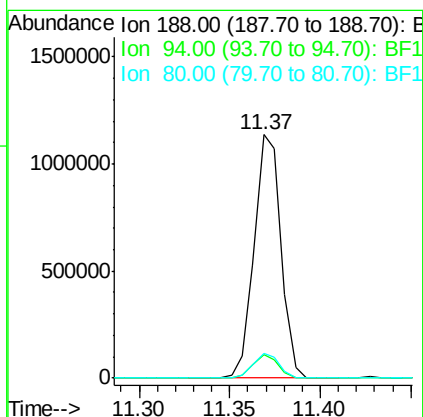
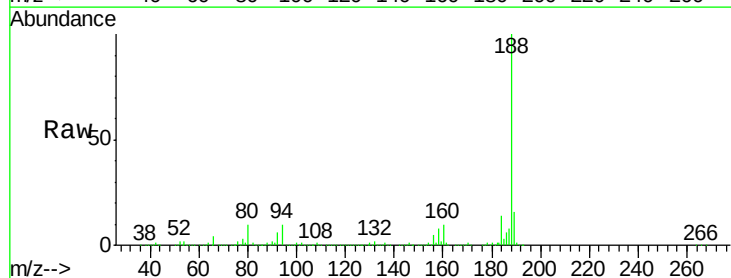
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

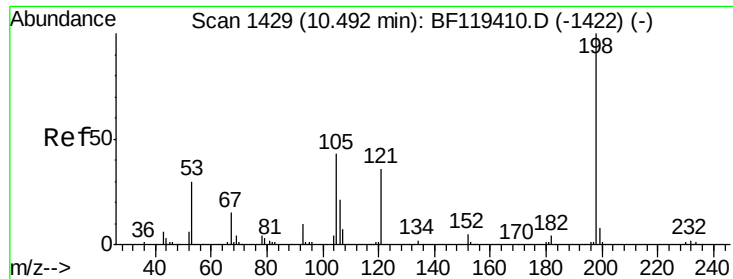
Tgt Ion: 77 Resp: 2093785
Ion Ratio Lower Upper
77 100
182 24.1 2.5 42.5
105 22.4 2.5 42.5
51 35.5 17.1 57.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion: 188 Resp: 1166985
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.0 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 69.31 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

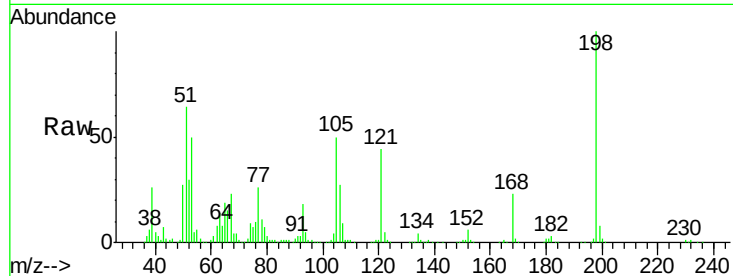
Tgt Ion:198 Resp: 339165

Ion Ratio Lower Upper

198 100

51 63.6 33.1 73.1

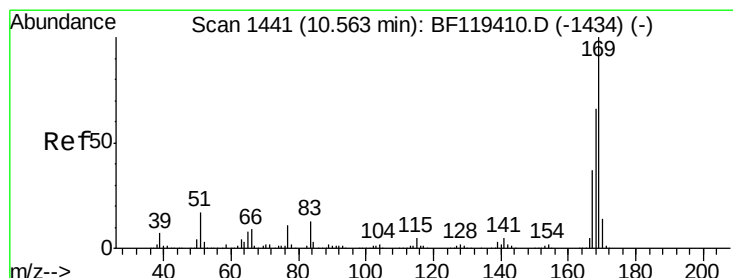
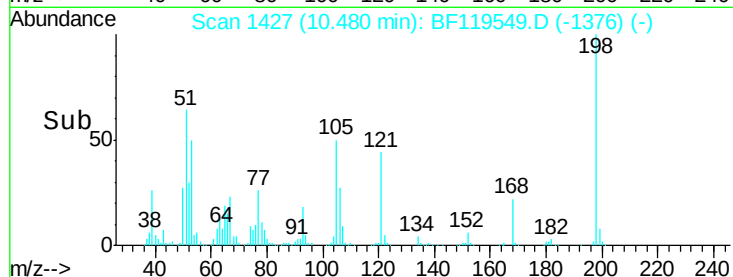
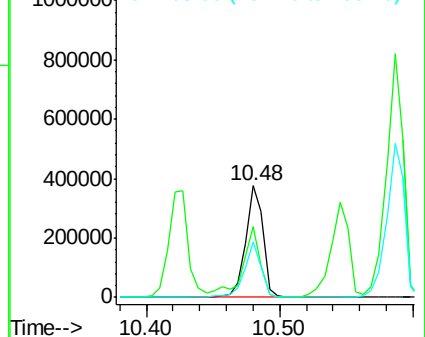
105 50.0 24.1 64.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.30 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

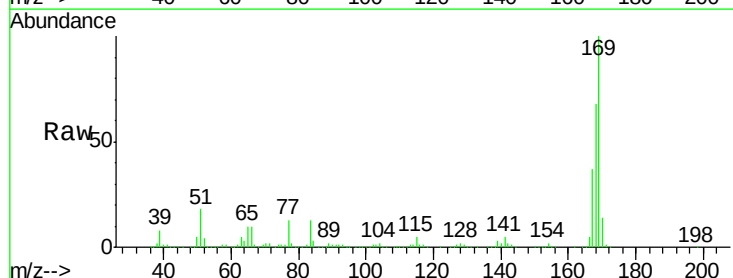
Tgt Ion:169 Resp: 1812108

Ion Ratio Lower Upper

169 100

168 67.5 52.7 79.1

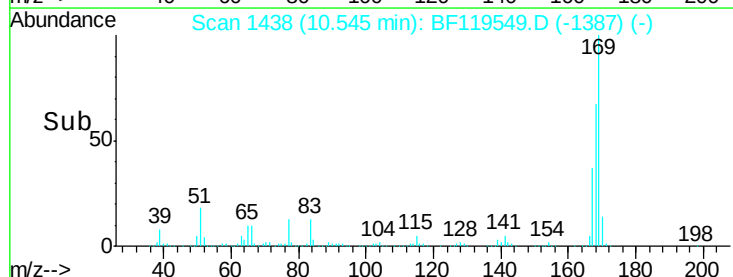
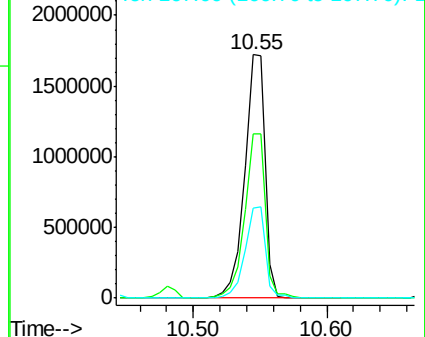
167 36.7 29.3 43.9

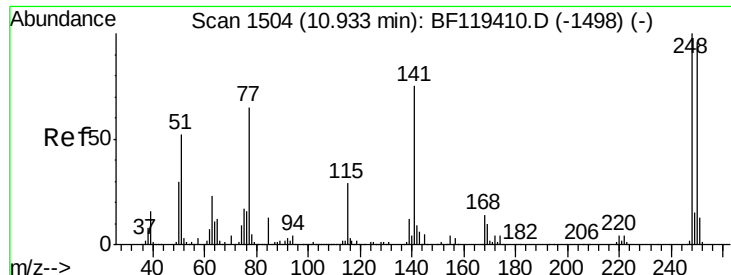


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

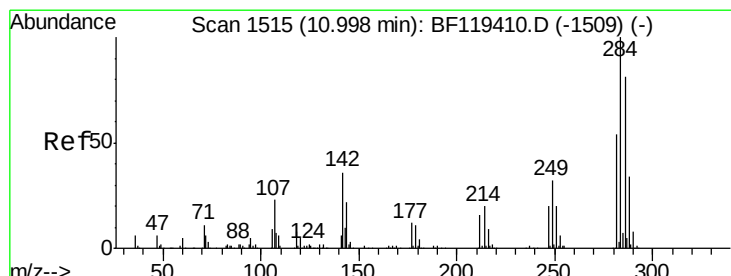
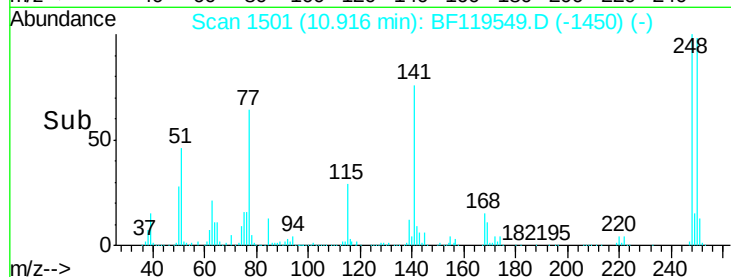
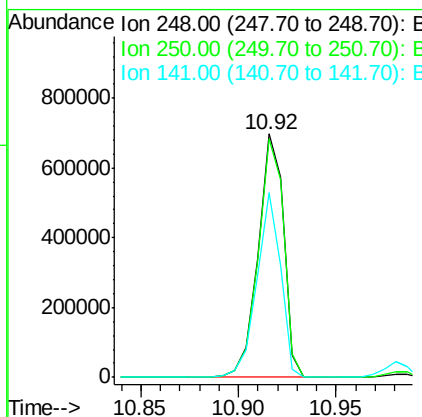
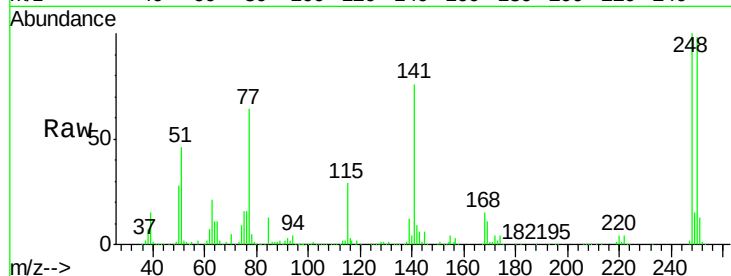




#67
 4-Bromophenyl-phenylether
 Concen: 47.46 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

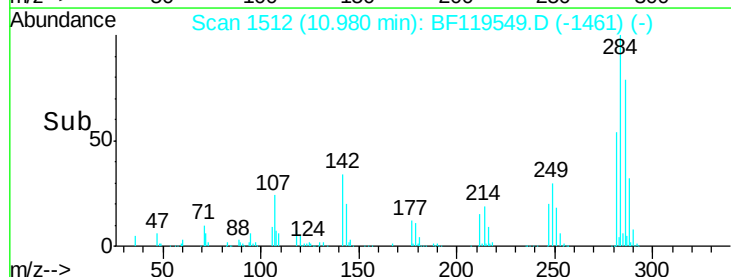
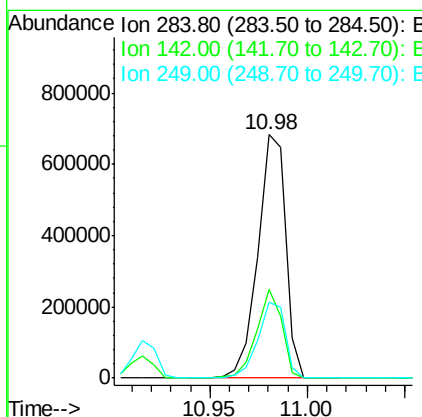
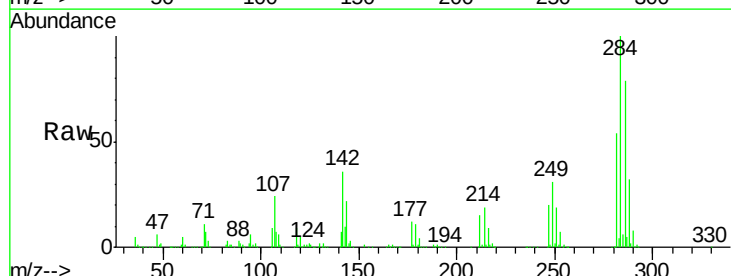
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

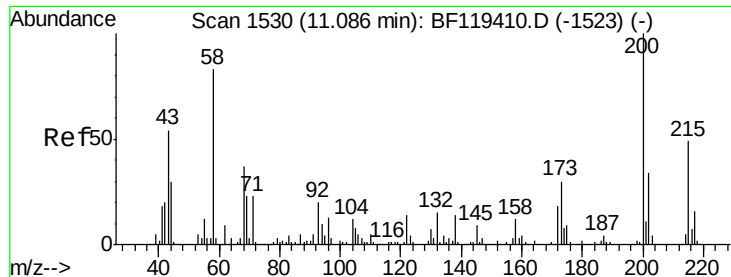
Tgt Ion:248 Resp: 630728
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.0 115.6
 141 76.1 59.7 89.5



#68
 Hexachlorobenzene
 Concen: 49.60 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:284 Resp: 674669
 Ion Ratio Lower Upper
 284 100
 142 36.3 28.7 43.1
 249 31.3 25.4 38.0





#69

Atrazine

Concen: 54.36 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

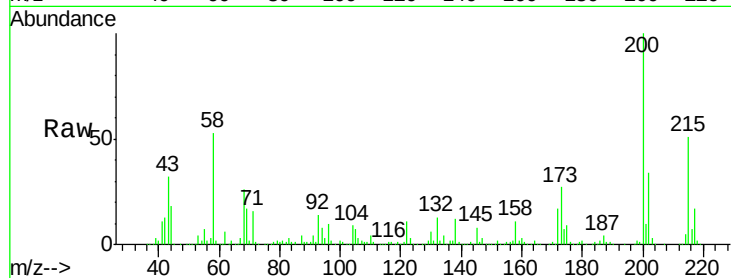
Tgt Ion:200 Resp: 570962

Ion Ratio Lower Upper

200 100

173 27.3 9.9 49.9

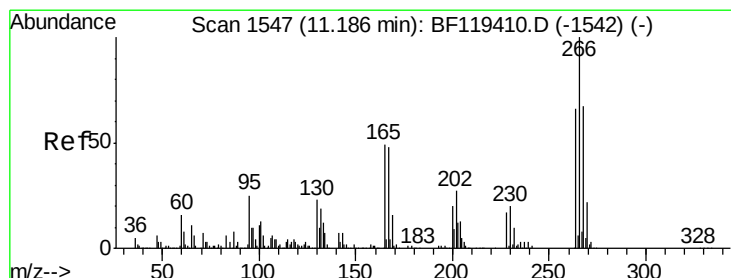
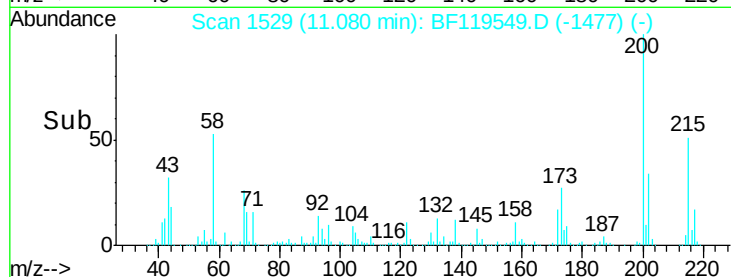
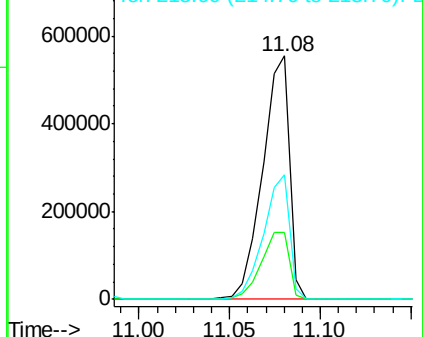
215 51.4 29.4 69.4



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: 96.28 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

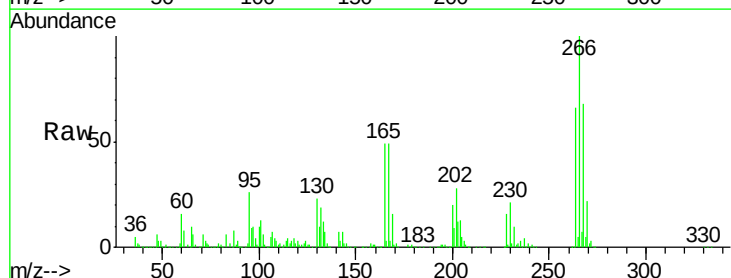
Tgt Ion:266 Resp: 767907

Ion Ratio Lower Upper

266 100

268 67.5 53.7 80.5

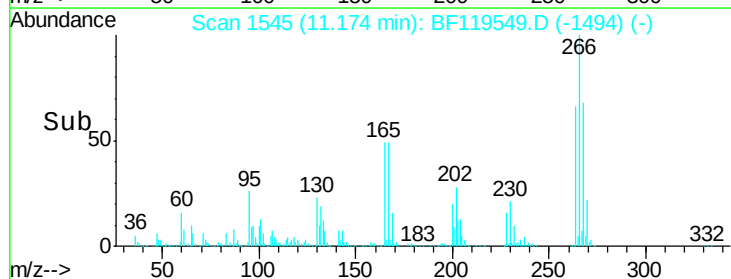
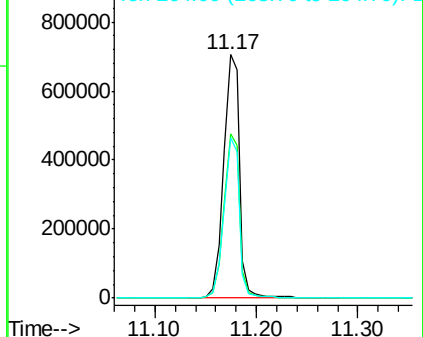
264 65.9 52.5 78.7

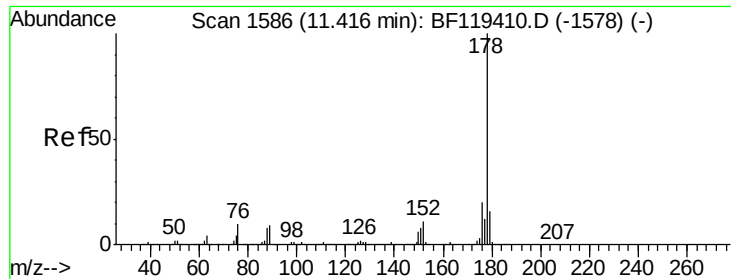


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.61 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

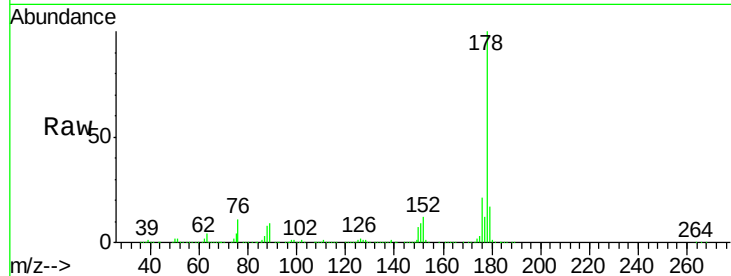
Tgt Ion:178 Resp: 2759694

Ion Ratio Lower Upper

178 100

176 21.4 16.2 24.4

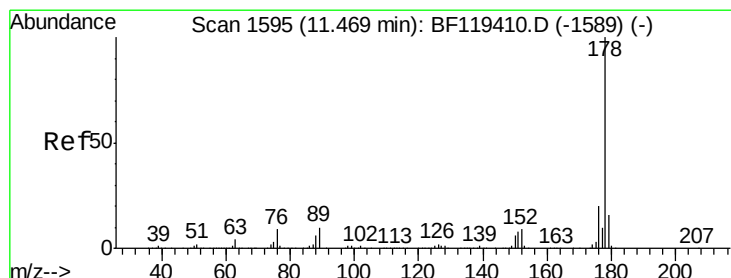
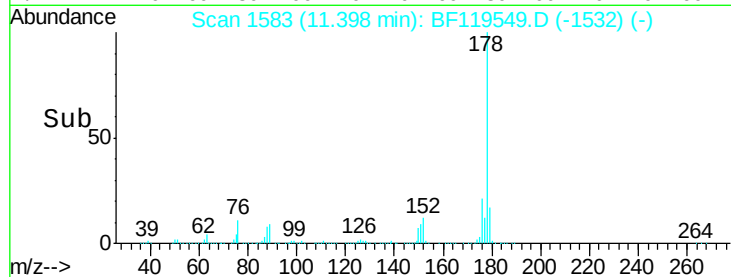
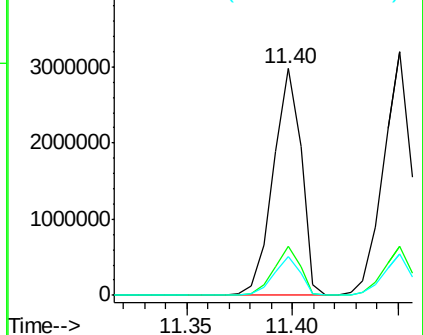
179 16.9 12.9 19.3



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



#72

Anthracene

Concen: 46.62 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

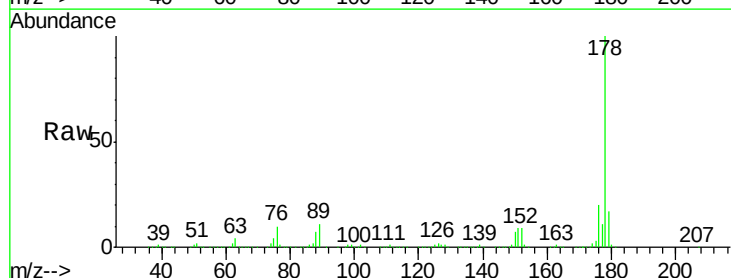
Tgt Ion:178 Resp: 2867409

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

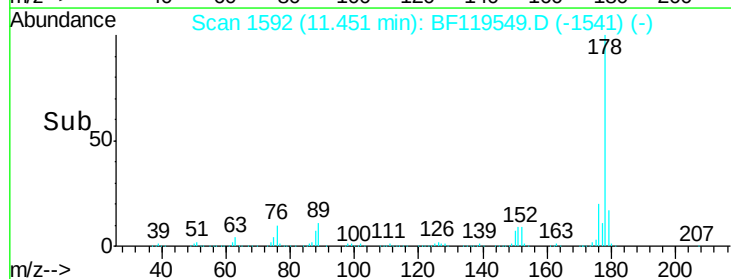
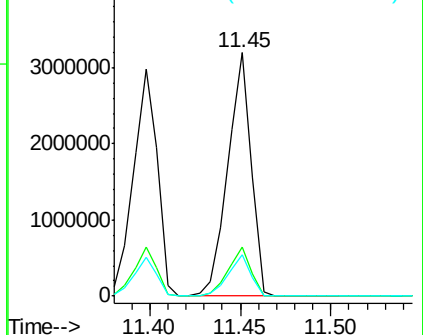
179 17.1 13.1 19.7

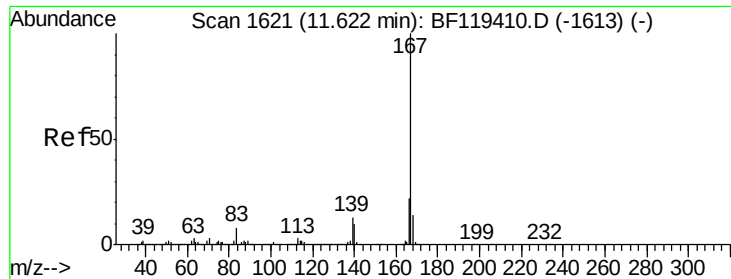


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

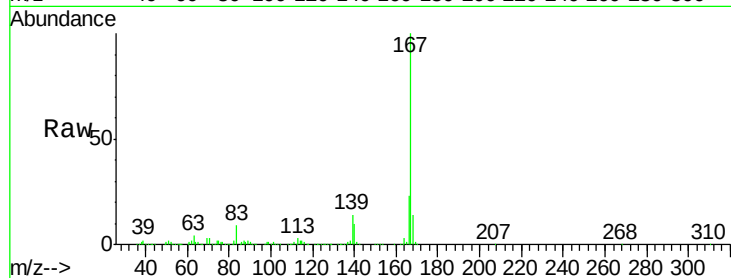




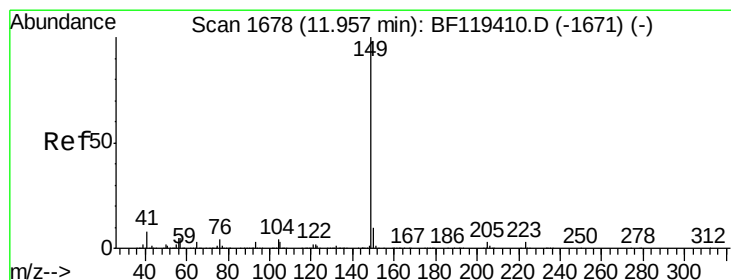
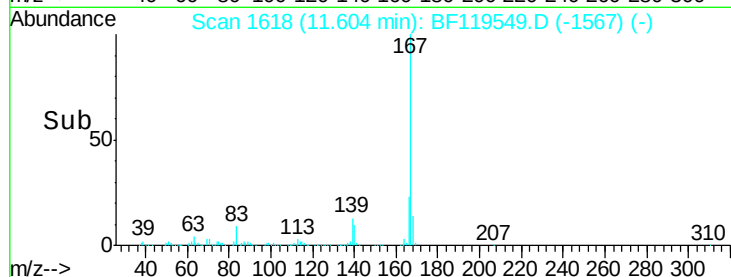
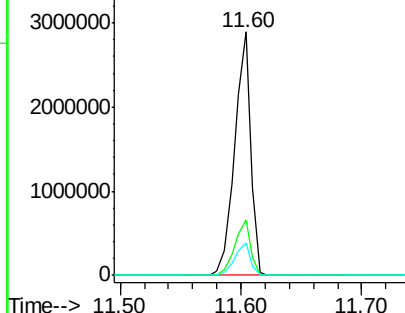
#73
 Carbazole
 Concen: 44.05 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tgt Ion:167 Resp: 2681223
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 13.5 10.2 15.4

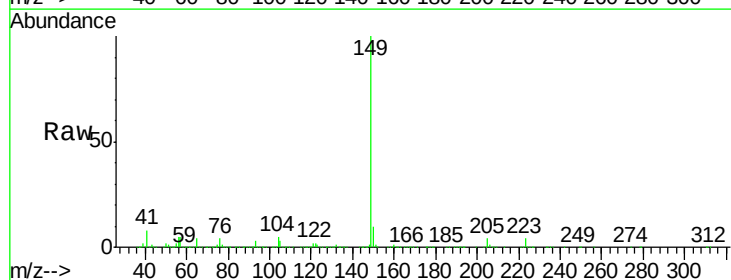


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

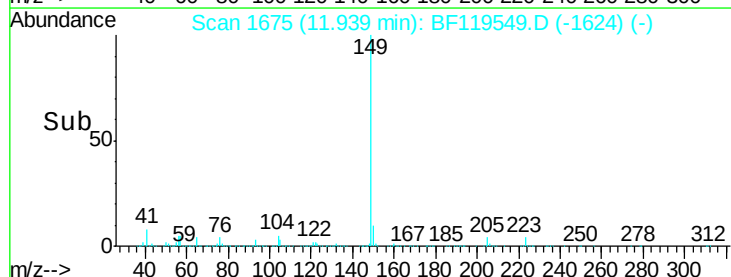
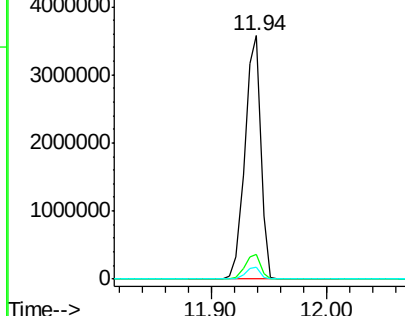


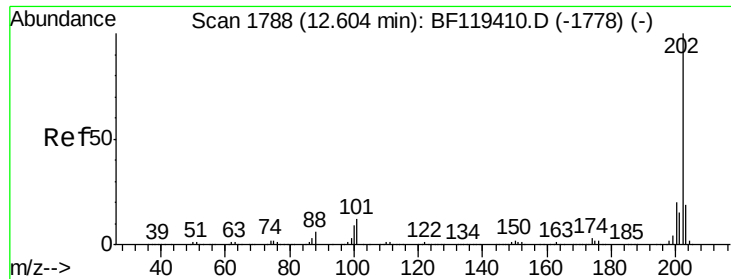
#74
 Di-n-butylphthalate
 Concen: 52.10 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:149 Resp: 3392477
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.8 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: 46.85 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

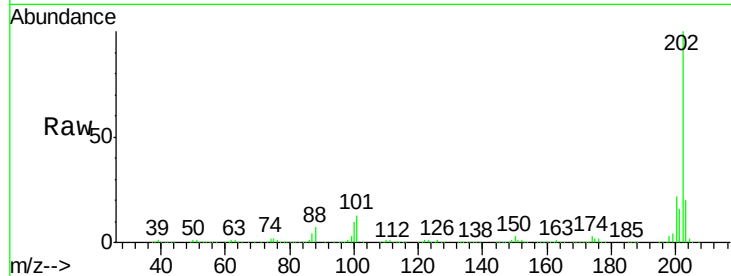
Tgt Ion:202 Resp: 3068097

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.4

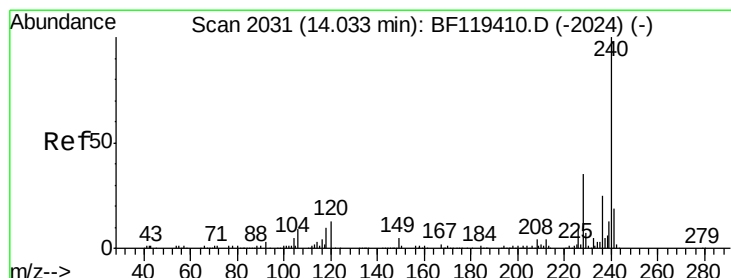
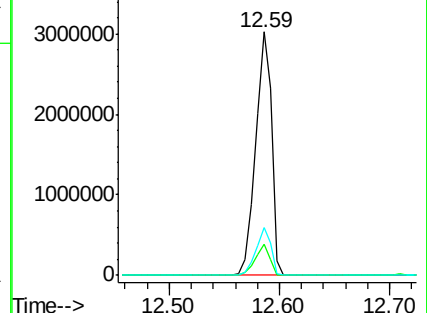
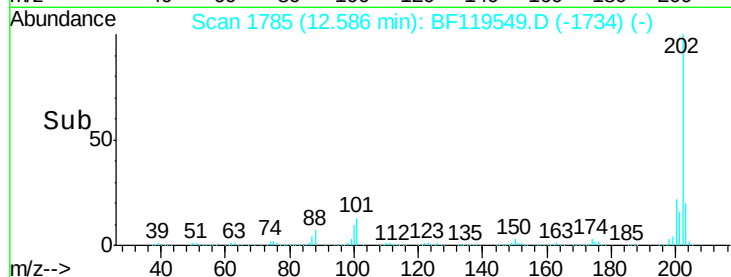
203 19.5 0.0 38.5



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: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

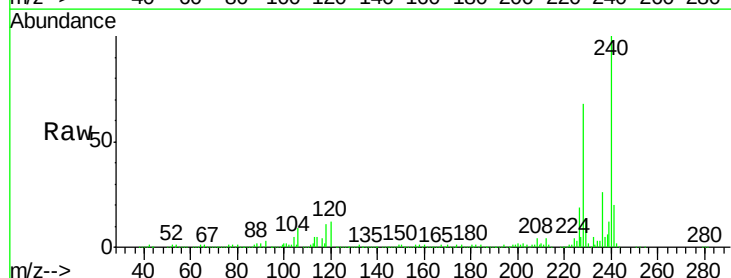
Tgt Ion:240 Resp: 810479

Ion Ratio Lower Upper

240 100

120 12.4 10.2 15.4

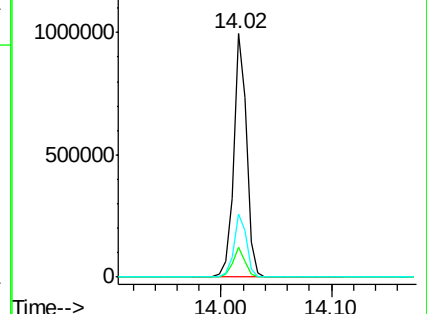
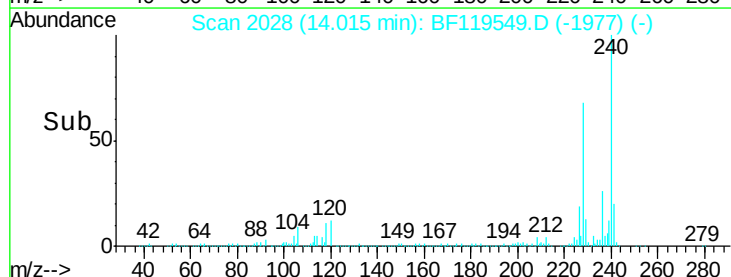
236 25.7 20.4 30.6

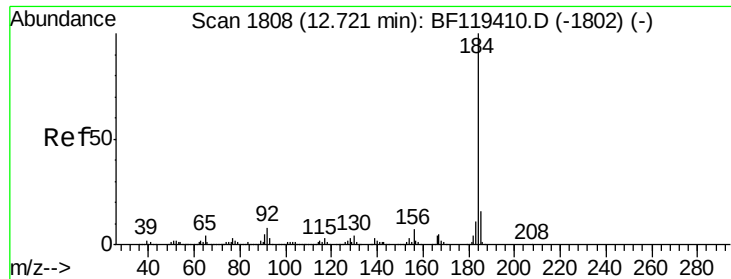


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.96 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

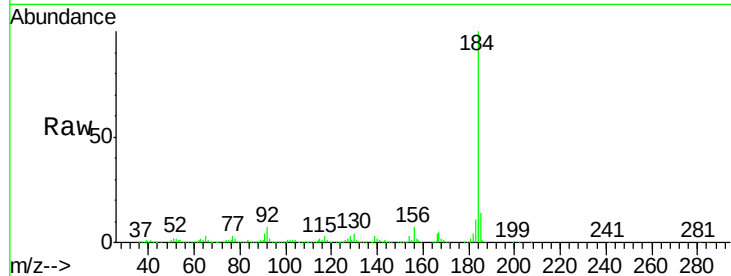
Tgt Ion:184 Resp: 1782192

Ion Ratio Lower Upper

184 100

185 14.2 12.9 19.3

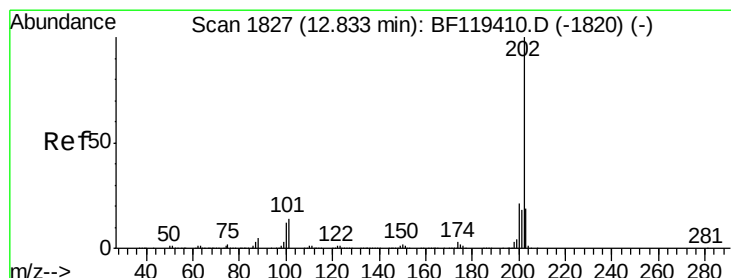
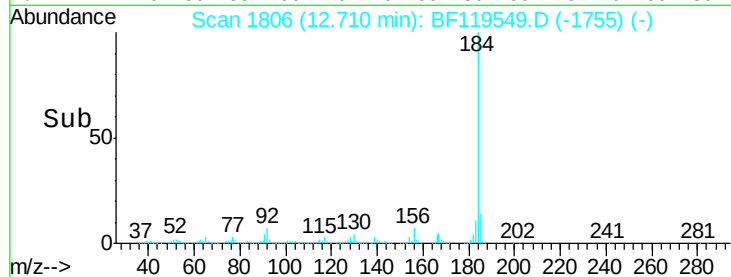
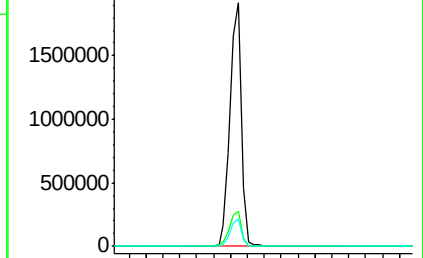
183 11.1 9.0 13.4



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: 46.36 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

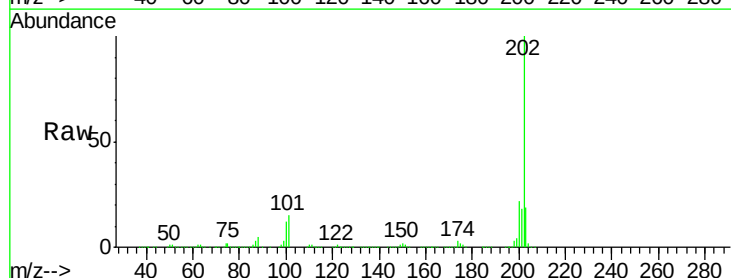
Tgt Ion:202 Resp: 3083641

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

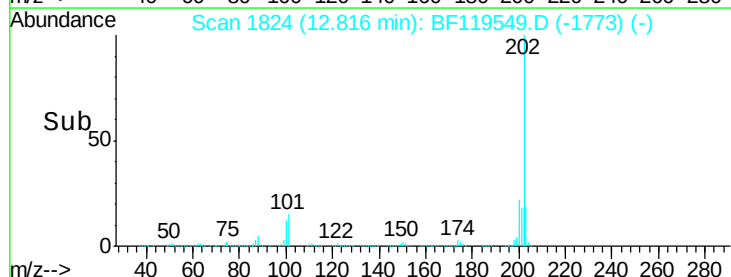
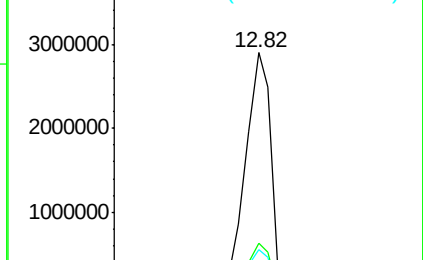
203 19.1 14.8 22.2

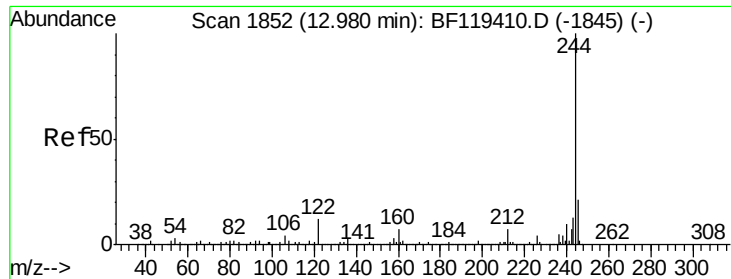


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

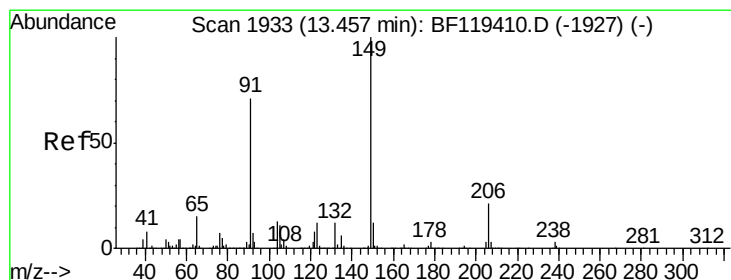
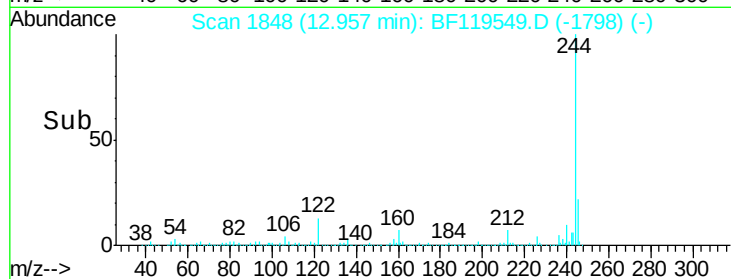
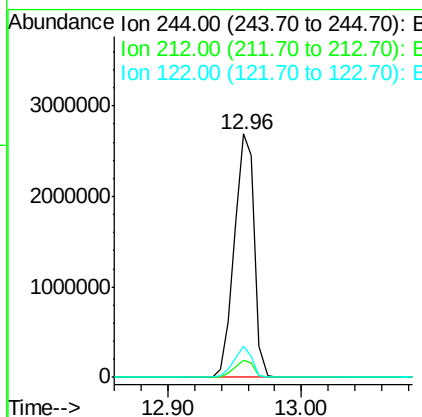
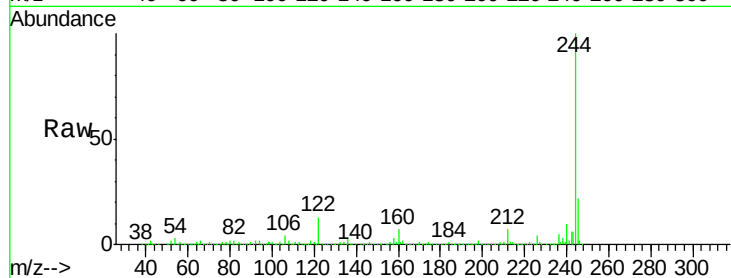




#79
 Terphenyl-d14
 Concen: 67.96 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

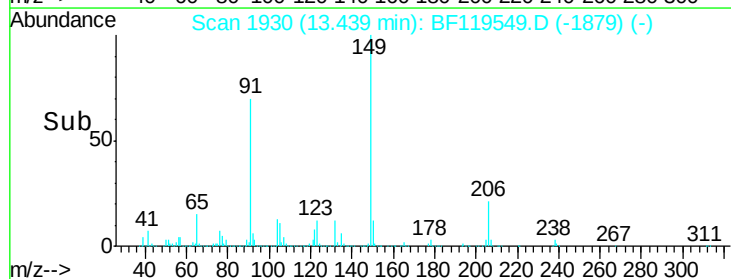
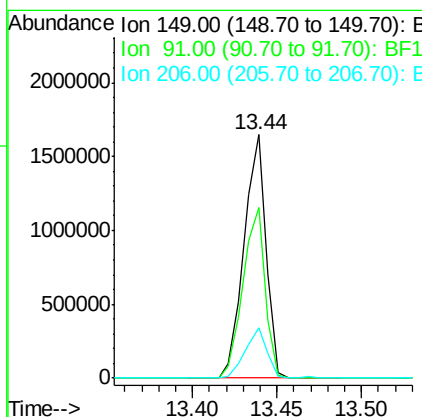
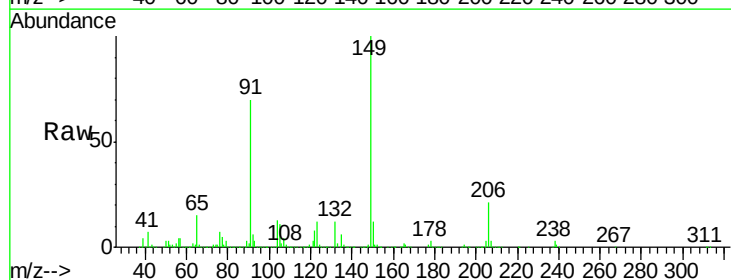
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

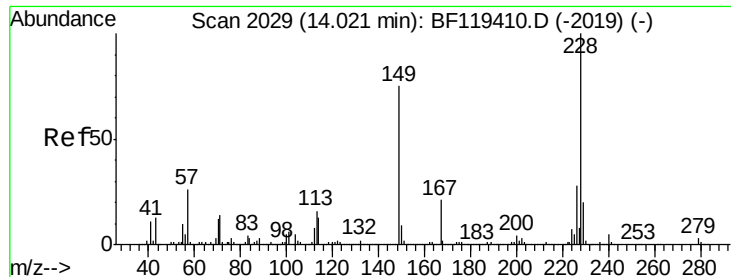
Tgt Ion:244 Resp: 2811425
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 12.9 9.8 14.8



#80
 Butylbenzylphthalate
 Concen: 55.80 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:149 Resp: 1501267
 Ion Ratio Lower Upper
 149 100
 91 70.1 57.0 85.6
 206 20.8 16.4 24.6

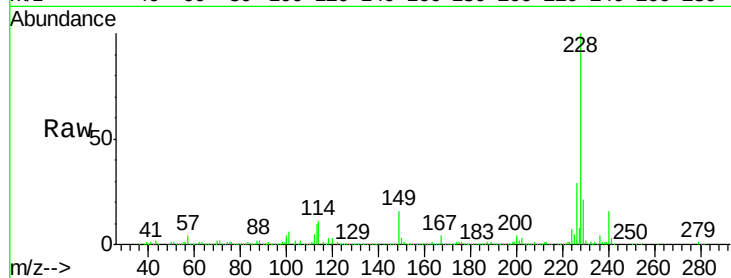




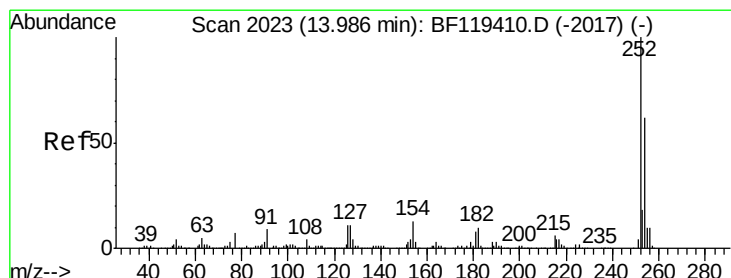
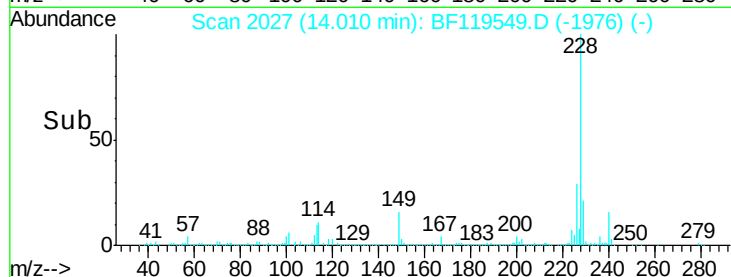
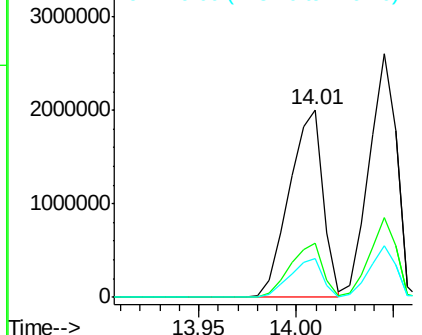
#81
Benzo(a)anthracene
Concen: 45.29 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tgt Ion:228 Resp: 2386935
Ion Ratio Lower Upper
228 100
226 28.7 22.3 33.5
229 20.6 16.3 24.5

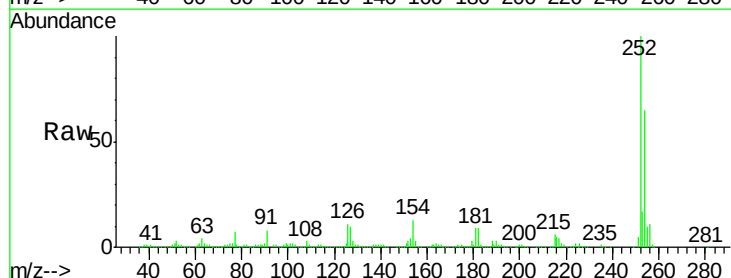


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

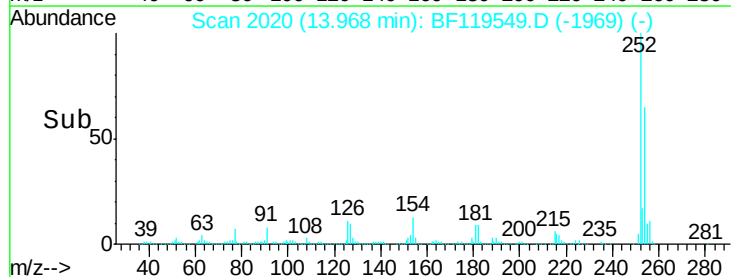
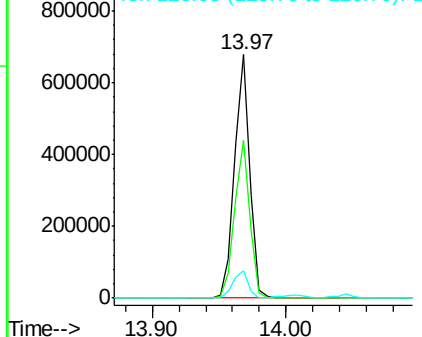


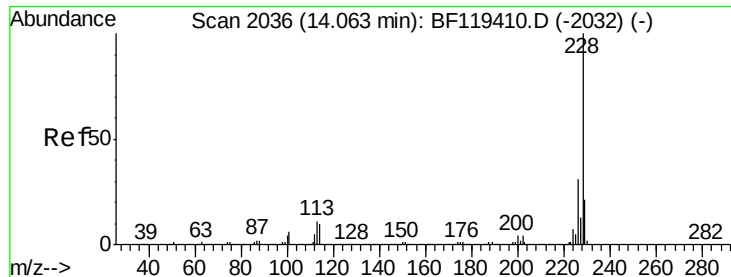
#82
3,3'-Dichlorobenzidine
Concen: 26.40 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:252 Resp: 548523
Ion Ratio Lower Upper
252 100
254 65.0 49.8 74.8
126 11.4 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: 46.61 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

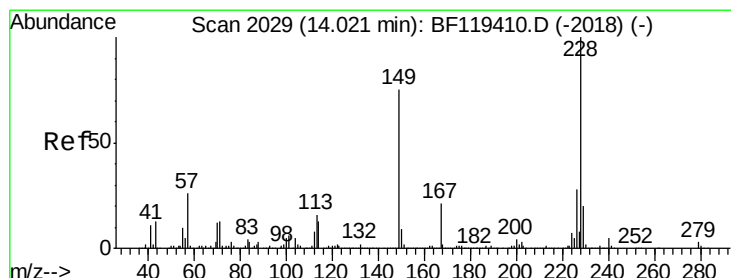
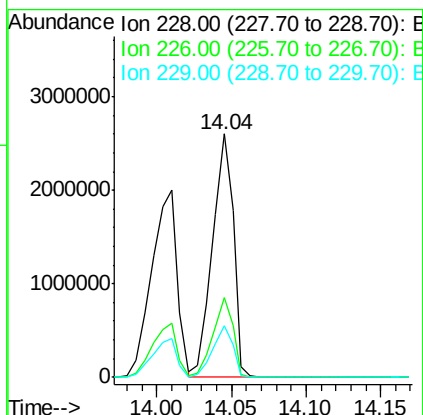
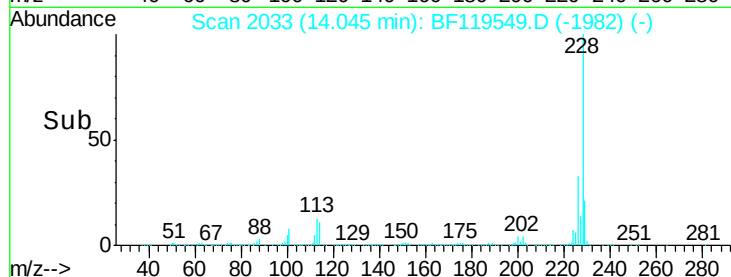
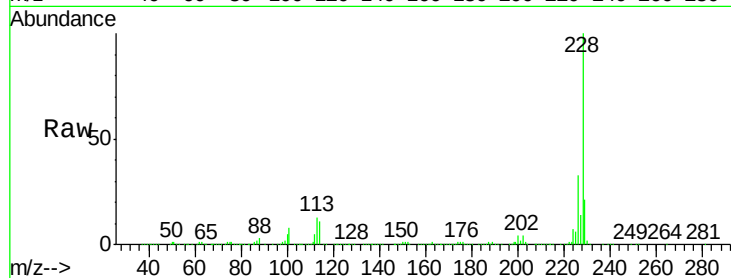
Tgt Ion:228 Resp: 2535406

Ion Ratio Lower Upper

228 100

226 32.6 24.8 37.2

229 21.4 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.50 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

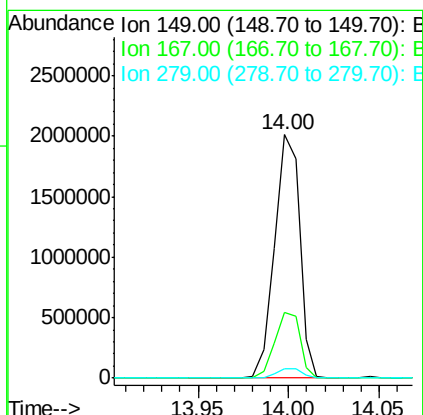
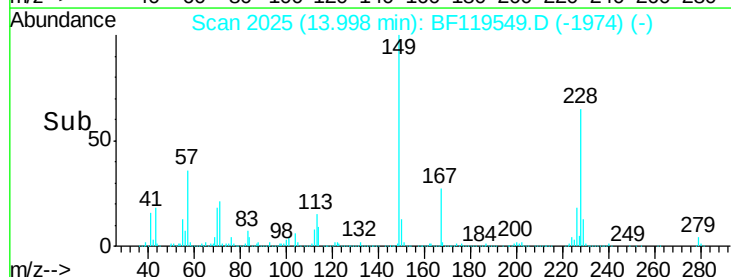
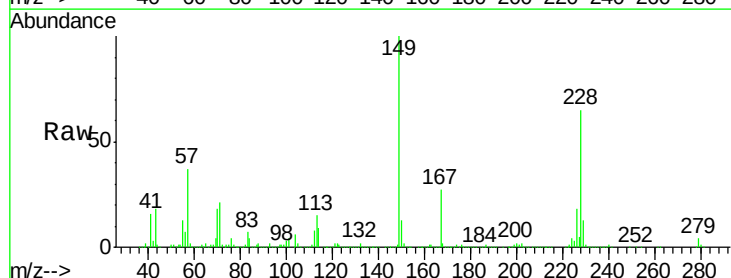
Tgt Ion:149 Resp: 1940085

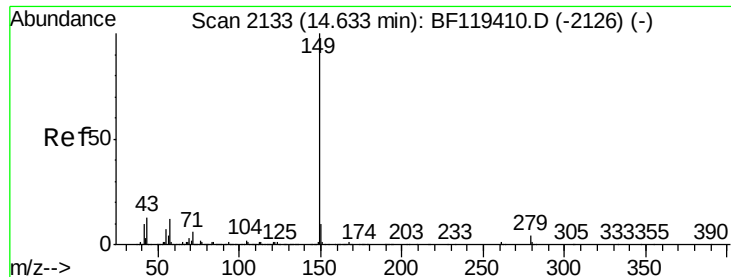
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 3.6 3.2 4.8

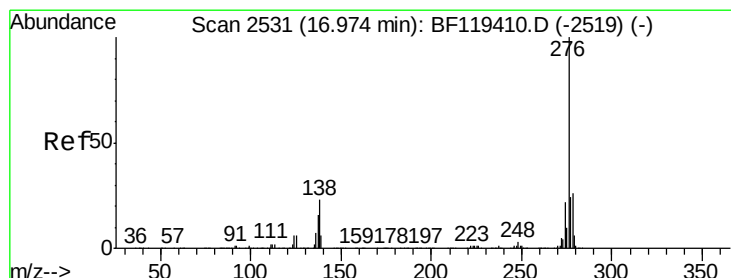
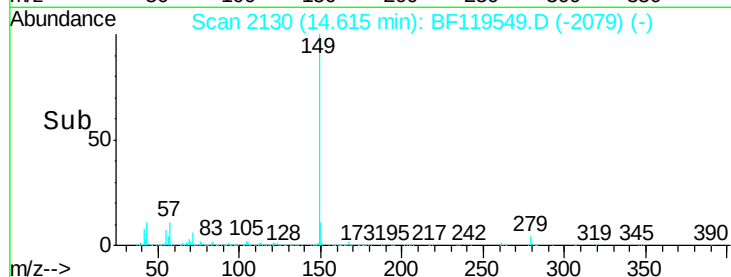
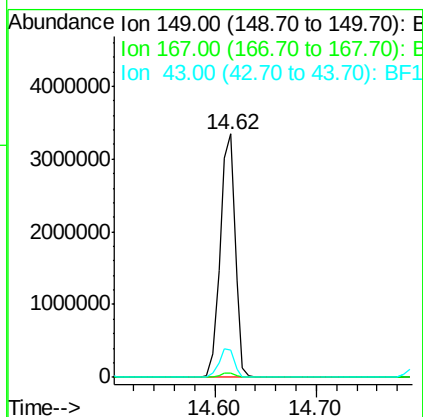
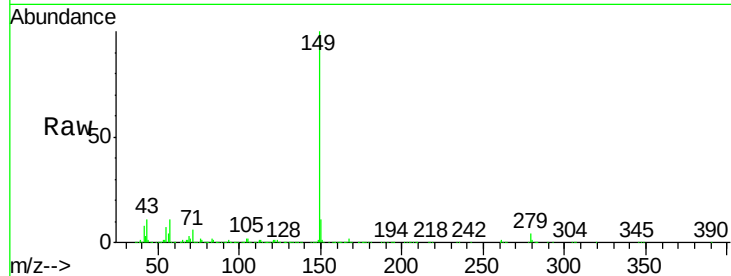




#85
 Di-n-octyl phthalate
 Concen: 60.46 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

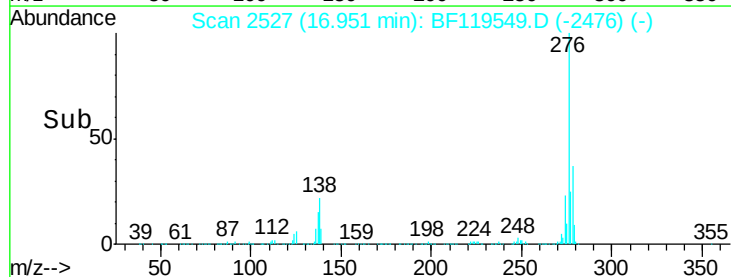
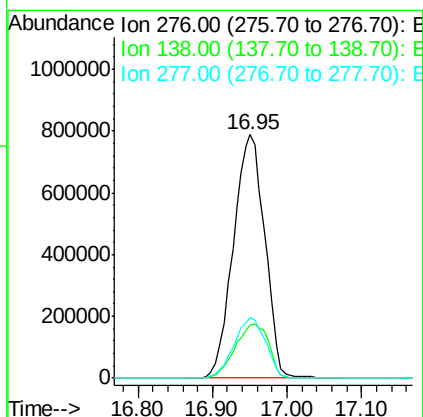
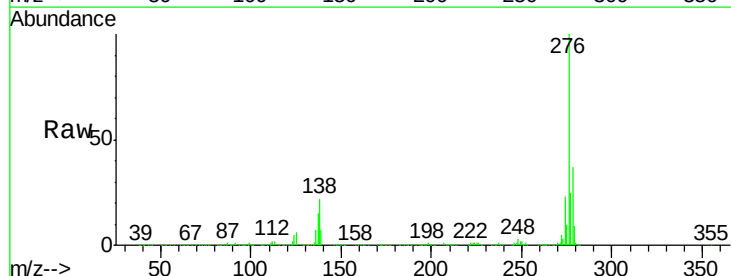
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

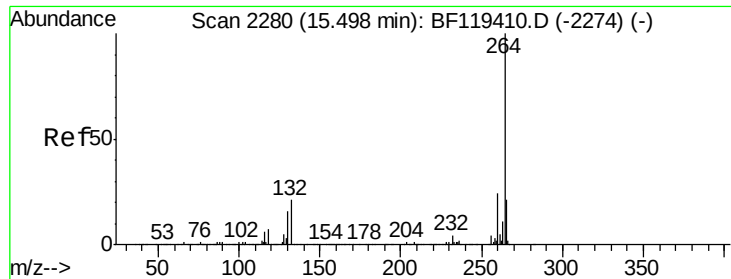
Tgt Ion:149 Resp: 3410138
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.1 1.7
 43 11.7 10.1 15.1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.95 ng
 RT: 16.95 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BF119549.D
 Acq: 27 Mar 2020 00:15

Tgt Ion:276 Resp: 2302458
 Ion Ratio Lower Upper
 276 100
 138 24.0 21.3 31.9
 277 25.1 20.2 30.2

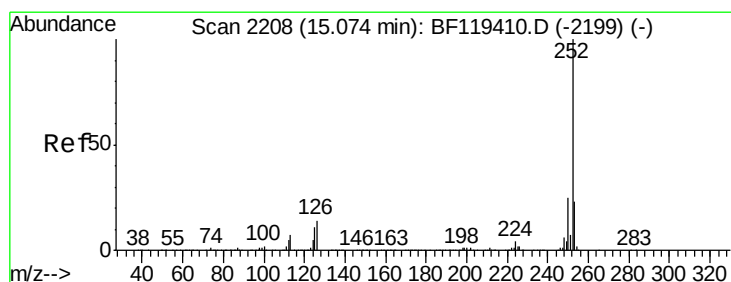
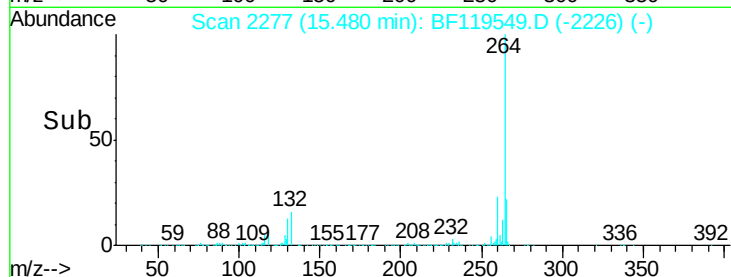
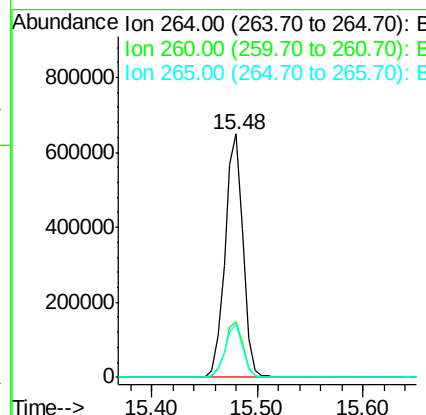
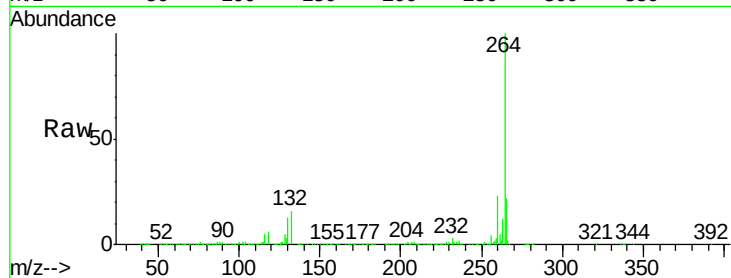




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

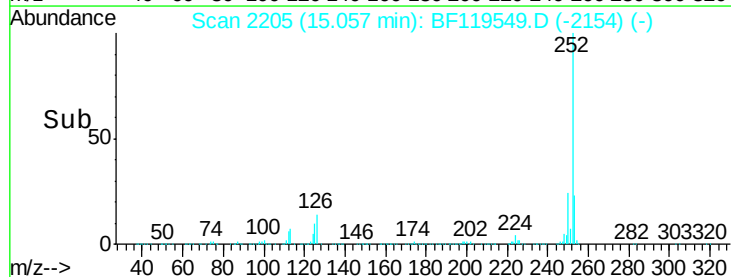
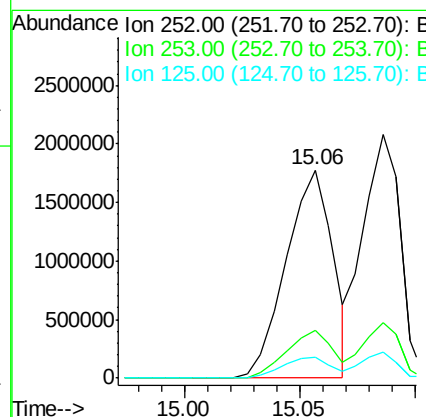
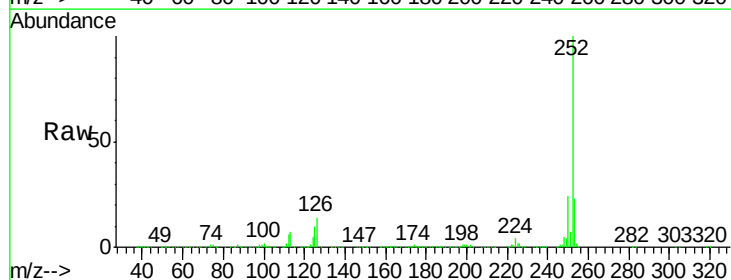
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

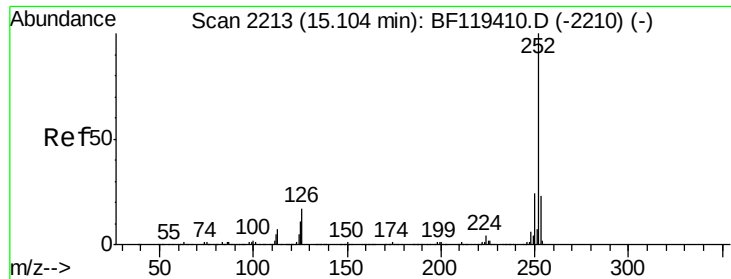
Tgt Ion:264 Resp: 771364
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.7 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 48.64 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:252 Resp: 2506408
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 10.0 8.8 13.2

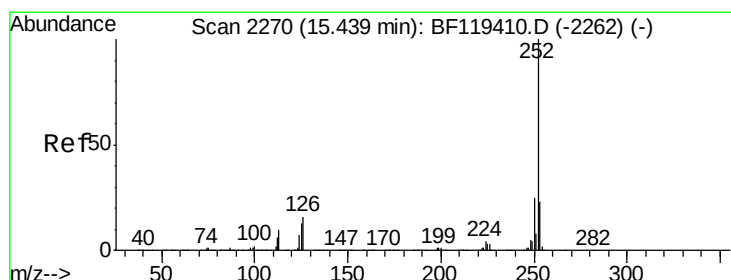
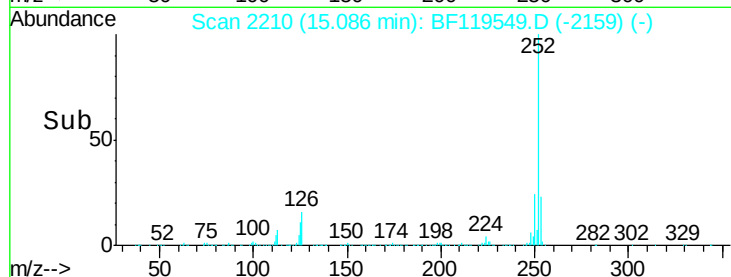
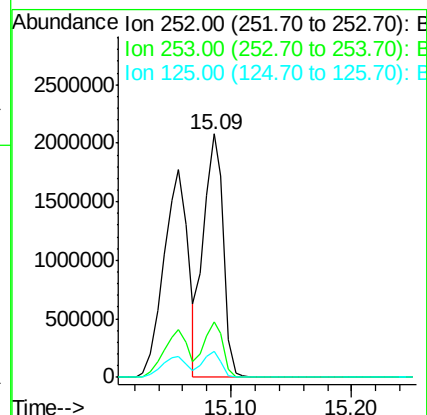
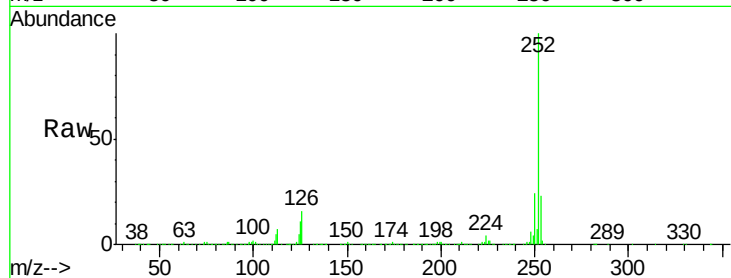




#89
Benzo(k)fluoranthene
Concen: 47.75 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

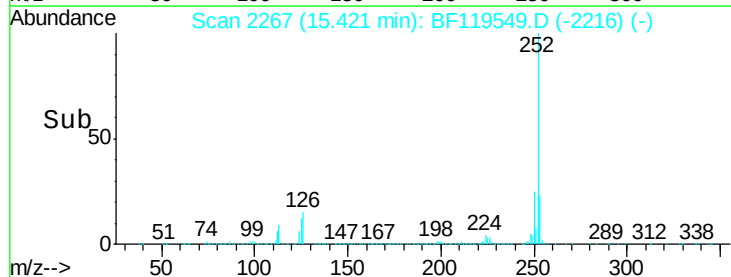
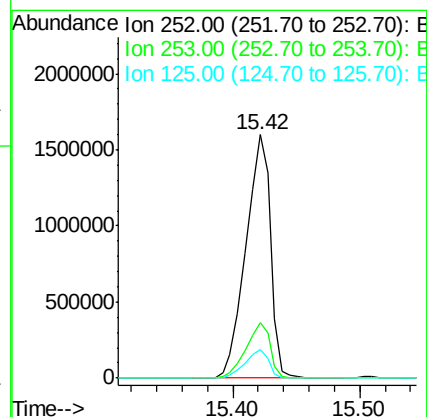
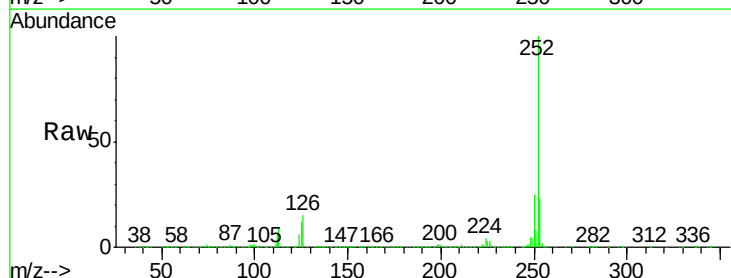
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

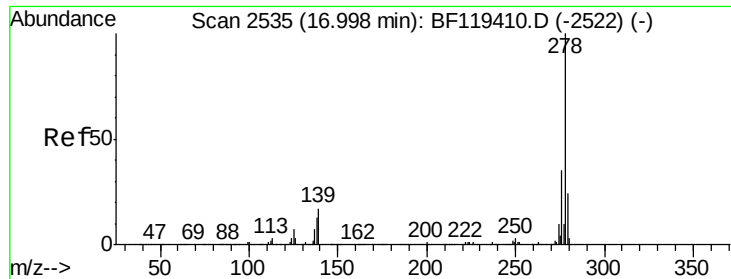
Tgt Ion:252 Resp: 2343043
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.9 9.0 13.4



#90
Benzo(a)pyrene
Concen: 45.99 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF119549.D
Acq: 27 Mar 2020 00:15

Tgt Ion:252 Resp: 2153400
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 12.0 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 46.00 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

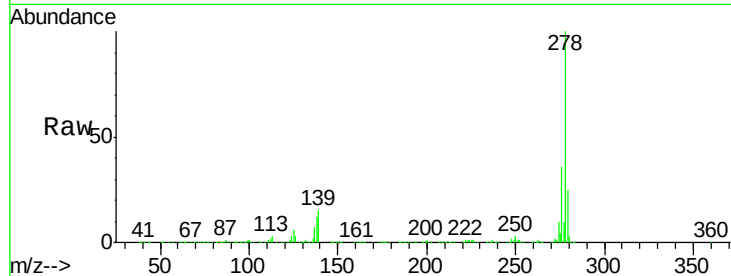
Tgt Ion:278 Resp: 1884006

Ion Ratio Lower Upper

278 100

139 15.5 13.7 20.5

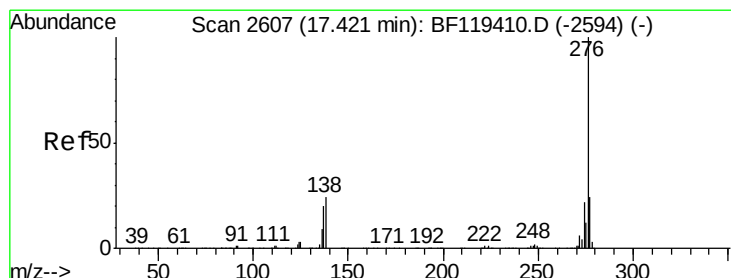
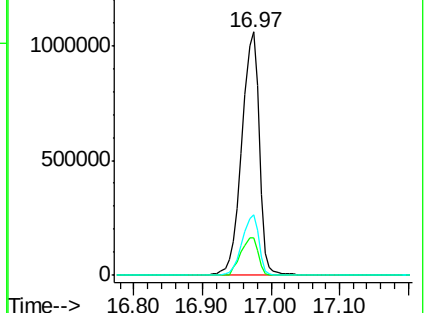
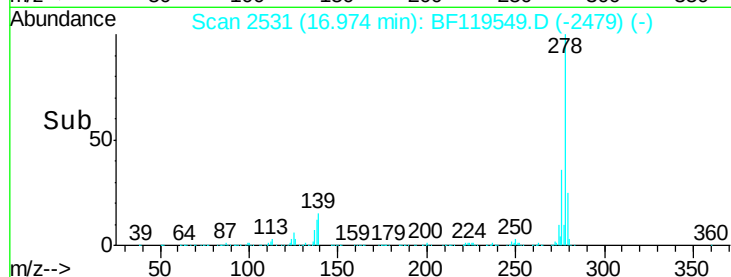
279 24.7 19.2 28.8



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: 45.44 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BF119549.D

Acq: 27 Mar 2020 00:15

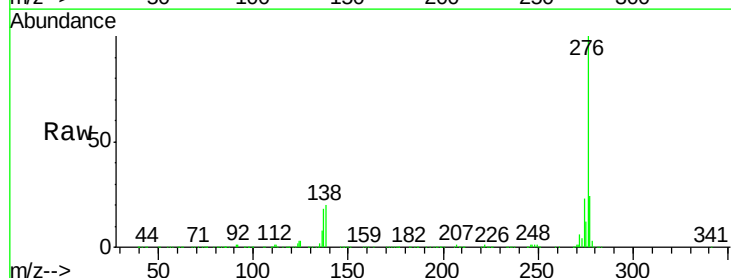
Tgt Ion:276 Resp: 1869699

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 20.1 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

