

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119515.D
 Acq On : 25 Mar 2020 21:02
 Operator : CG/JU
 Sample : L2028-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Mar 26 02:02:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	362993	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1442694	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	768335	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1489403	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1004393	20.00	ng	0.00
87) Perylene-d12	15.49	264	930866	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1845626	80.94	ng	0.00
7) Phenol-d6	6.47	99	2465703	84.65	ng	0.00
23) Nitrobenzene-d5	7.41	82	1571963	59.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	781947	98.65	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3032568	58.47	ng	-0.01
79) Terphenyl-d14	12.97	244	3396319	66.25	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	372535	33.08	ng	99
3) Pyridine	3.39	79	1051033	33.88	ng	98
4) n-Nitrosodimethylamine	3.35	42	625276	41.33	ng	# 98
6) Aniline	6.50	93	1456914	36.24	ng	99
8) 2-Chlorophenol	6.63	128	1232858	51.48	ng	98
9) Benzaldehyde	6.39	77	758001	41.02	ng	99
10) Phenol	6.49	94	1579834	50.83	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	1170500	47.09	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1200487	46.31	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1213818	46.82	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1151272	47.51	ng	99
15) Benzyl Alcohol	6.99	79	1059787	48.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2262014	45.11	ng	97
17) 2-Methylphenol	7.10	107	1017935	46.39	ng	98
18) Hexachloroethane	7.36	117	470882	49.56	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	880135	50.13	ng	96
20) 3+4-Methylphenols	7.10	107	1017362	37.83	ng	77
22) Acetophenone	7.26	105	1595261	46.28	ng	# 89
24) Nitrobenzene	7.43	77	1306610	46.06	ng	99
25) Isophorone	7.67	82	2511669	46.64	ng	98
26) 2-Nitrophenol	7.75	139	670742	60.05	ng	97
27) 2,4-Dimethylphenol	7.79	122	1151414	49.85	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1563885	49.11	ng	99
29) 2,4-Dichlorophenol	7.99	162	1054089	49.67	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	1099183	46.83	ng	99
31) Naphthalene	8.16	128	3316610	44.67	ng	98
32) Benzoic acid	7.92	122	928514	62.50	ng	98
33) 4-Chloroaniline	8.20	127	632604	18.60	ng	99
34) Hexachlorobutadiene	8.27	225	635554	48.40	ng	99
35) Caprolactam	8.59	113	204730	29.48	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	1169594	50.42	ng	98
37) 2-Methylnaphthalene	8.85	142	2386688	48.98	ng	99
38) 1-Methylnaphthalene	8.95	142	2261538	49.04	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1011359	44.91	ng	98

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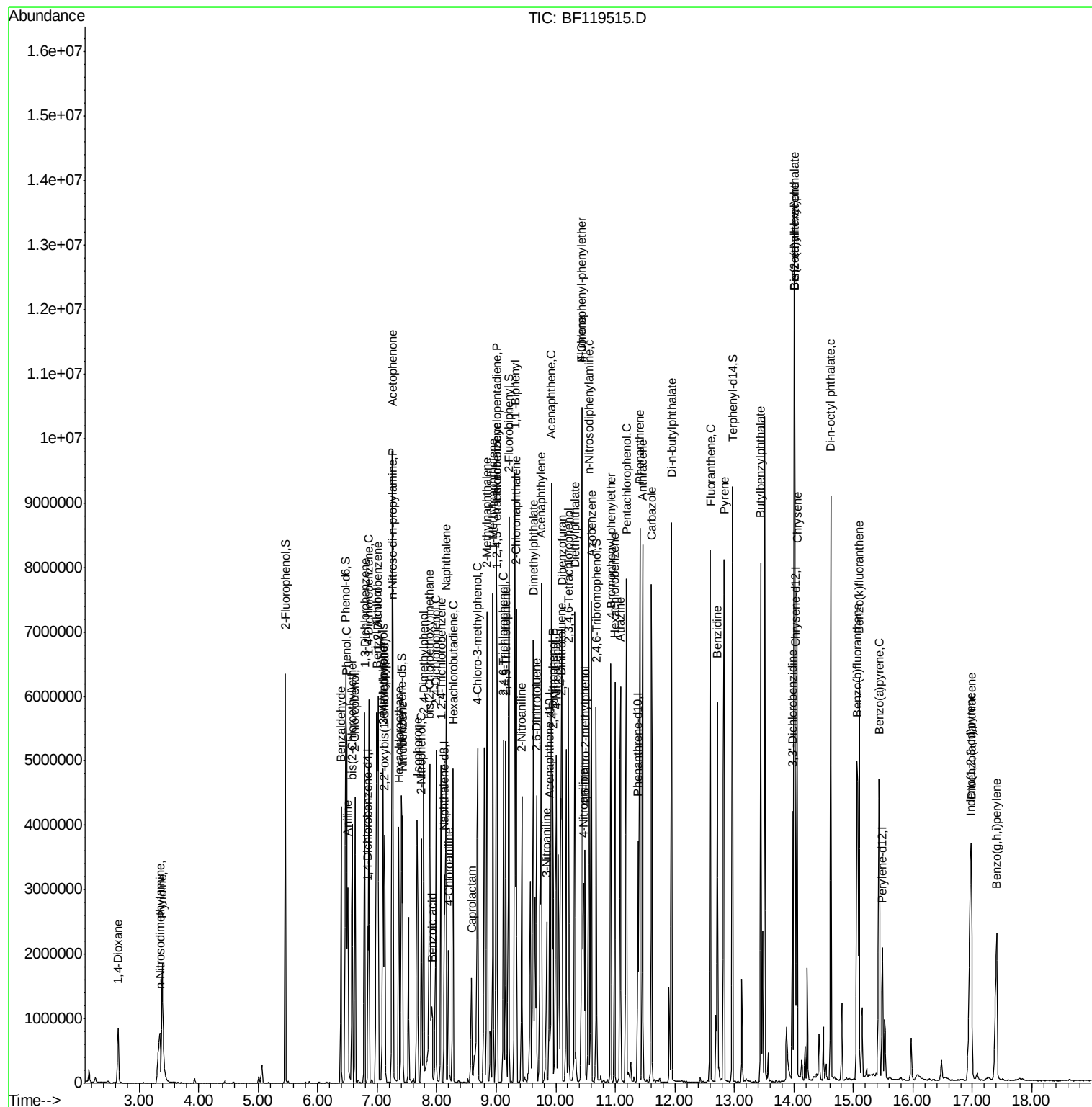
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1241498	96.97	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	800953	49.70	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	841361	46.60	ng	96
46) 1,1'-Biphenyl	9.32	154	2814815	44.98	ng	98
47) 2-Chloronaphthalene	9.34	162	2233795	45.57	ng	99
48) 2-Nitroaniline	9.43	65	852652	50.40	ng	98
49) Acenaphthylene	9.76	152	3479035	45.20	ng	98
50) Dimethylphthalate	9.62	163	3098739	56.78	ng	98
51) 2,6-Dinitrotoluene	9.68	165	624524	53.39	ng	86
52) Acenaphthene	9.93	154	2241935	46.72	ng	99
53) 3-Nitroaniline	9.85	138	394471	26.71	ng	96
54) 2,4-Dinitrophenol	9.95	184	661259	126.04	ng	94
55) Dibenzofuran	10.10	168	3141230	45.66	ng	99
56) 4-Nitrophenol	10.01	139	1076593	92.41	ng	89
57) 2,4-Dinitrotoluene	10.09	165	819634	55.62	ng	96
58) Fluorene	10.45	166	2412357	47.41	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	710622	52.66	ng	98
60) Diethylphthalate	10.32	149	2810118	50.73	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	1192699	47.94	ng	98
62) 4-Nitroaniline	10.47	138	672706	47.50	ng	99
63) Azobenzene	10.60	77	2661121	47.71	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	432562	69.26	ng	93
66) n-Nitrosodiphenylamine	10.56	169	2307958	47.20	ng	97
67) 4-Bromophenyl-phenylether	10.93	248	810034	47.75	ng	96
68) Hexachlorobenzene	10.99	284	858850	49.47	ng	95
69) Atrazine	11.09	200	709659	52.94	ng	99
70) Pentachlorophenol	11.19	266	970380	95.33	ng	98
71) Phenanthrene	11.41	178	3437305	44.51	ng	98
72) Anthracene	11.46	178	3558830	45.34	ng	98
73) Carbazole	11.61	167	3355995	43.20	ng	97
74) Di-n-butylphthalate	11.94	149	4252983	51.17	ng	# 96
75) Fluoranthene	12.60	202	3684721	44.09	ng	98
77) Benzidine	12.72	184	2253296	53.01	ng	99
78) Pyrene	12.83	202	3698338	44.87	ng	98
80) Butylbenzylphthalate	13.44	149	1928248	57.84	ng	98
81) Benzo(a)anthracene	14.02	228	2880480	44.10	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	867366	33.68	ng	98
83) Chrysene	14.06	228	3014405	44.72	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2440541	61.41	ng	98
85) Di-n-octyl phthalate	14.62	149	4337867	62.06	ng	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2710048	42.69	ng	97
88) Benzo(b)fluoranthene	15.06	252	3198338	51.44	ng	99
89) Benzo(k)fluoranthene	15.10	252	2712327	45.81	ng	99
90) Benzo(a)pyrene	15.43	252	2585554	45.75	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	2231169	45.14	ng	98
92) Benzo(g,h,i)perylene	17.41	276	2187824	44.06	ng	96

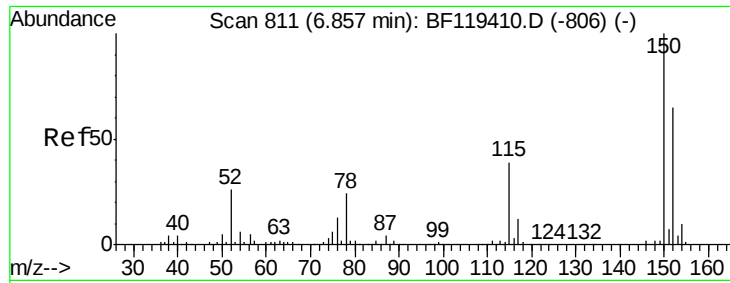
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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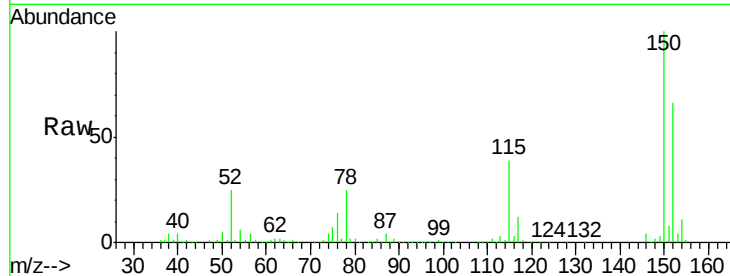




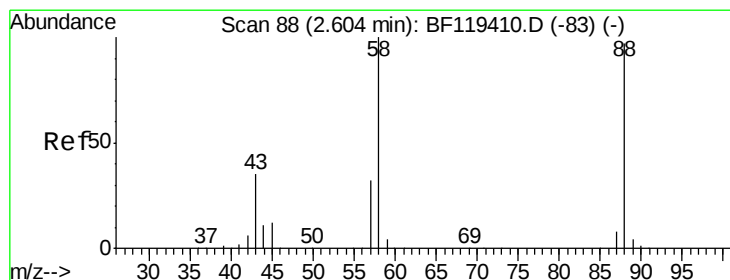
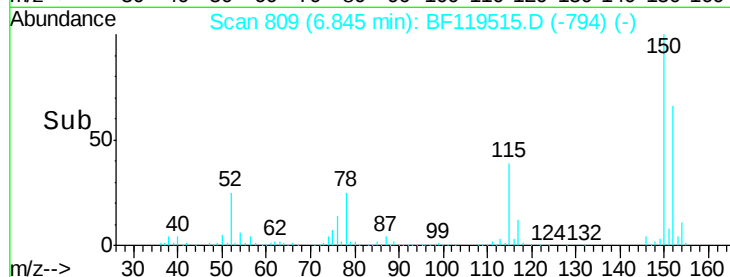
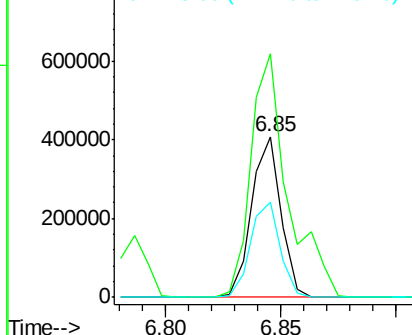
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

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

Tgt Ion: 152 Resp: 362993
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.9 185.9
 115 59.2 47.8 71.6

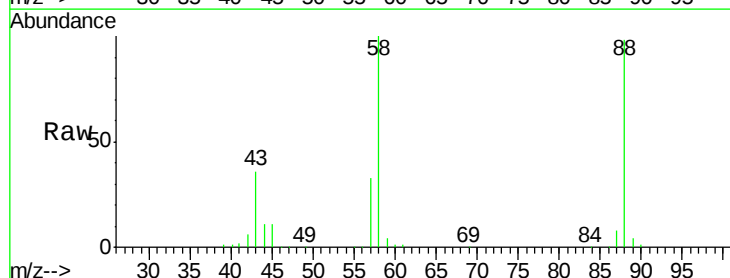


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

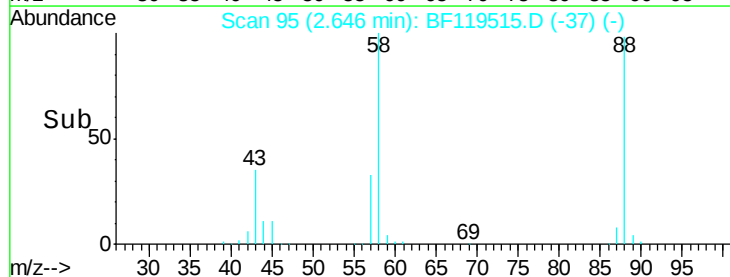
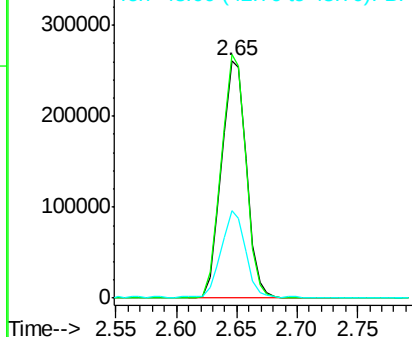


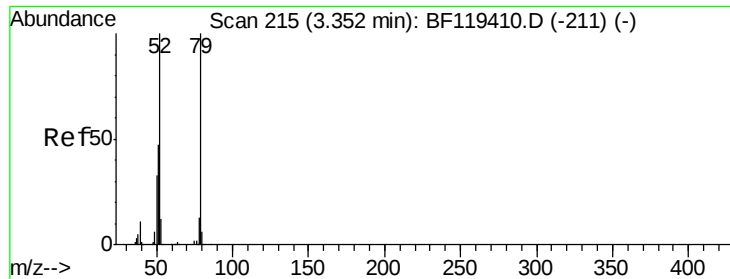
#2
 1,4-Dioxane
 Concen: 33.08 ng
 RT: 2.65 min Scan# 95
 Delta R.T. 0.04 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion: 88 Resp: 372535
 Ion Ratio Lower Upper
 88 100
 58 100.7 79.4 119.2
 43 36.1 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: 33.88 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.04 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

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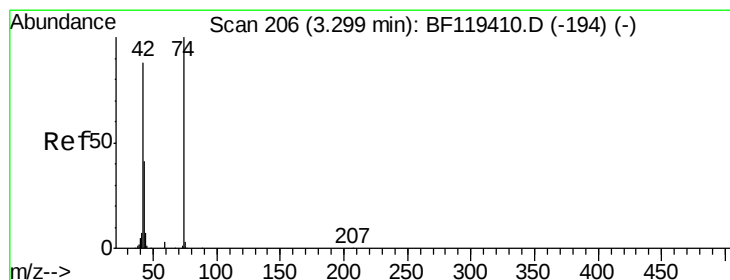
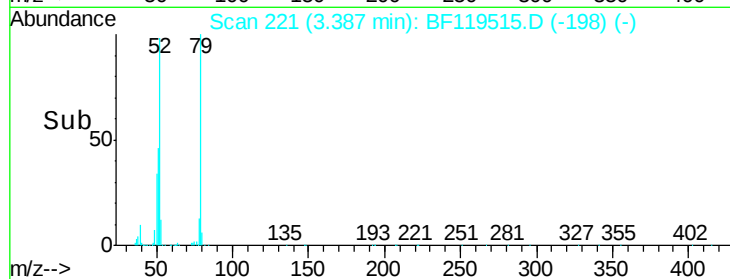
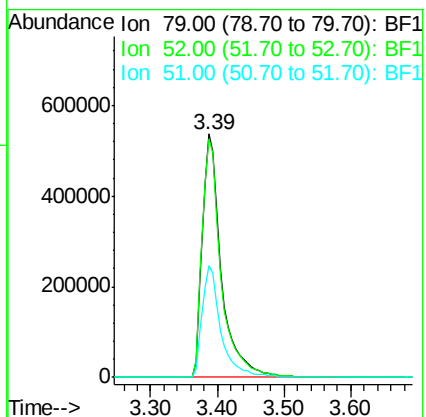
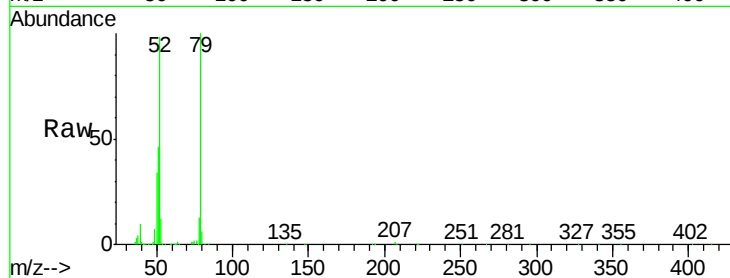
Tgt Ion: 79 Resp: 1051033

Ion Ratio Lower Upper

79 100

52 97.9 80.0 120.0

51 45.7 37.9 56.9



#4

n-Nitrosodimethylamine

Concen: 41.33 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.05 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

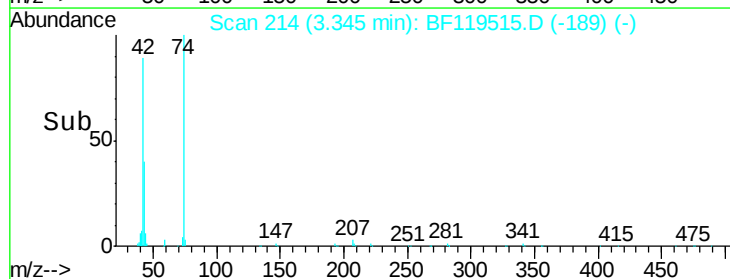
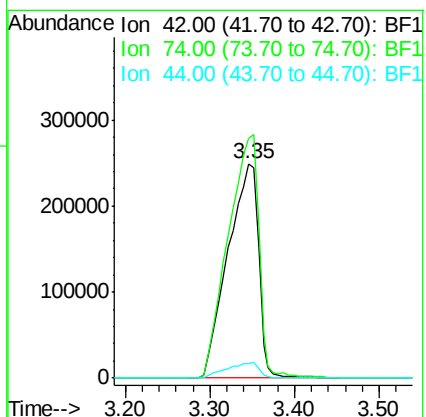
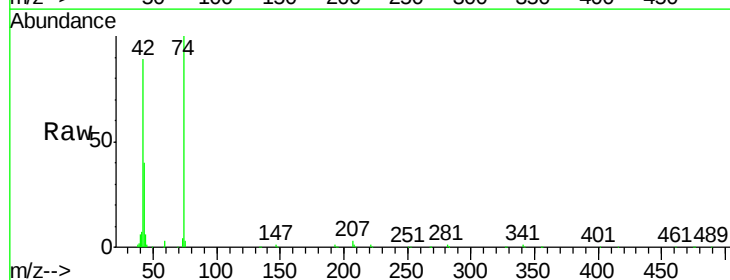
Tgt Ion: 42 Resp: 625276

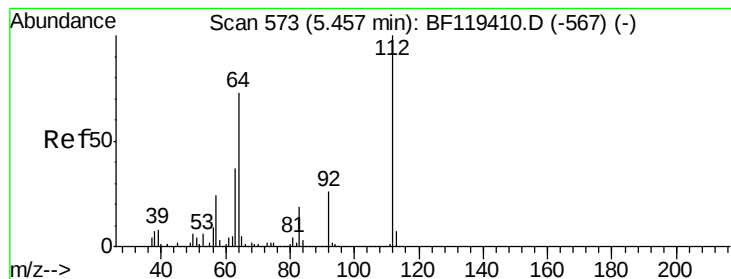
Ion Ratio Lower Upper

42 100

74 112.0 91.3 136.9

44 7.0 7.1 10.7#





#5

2-Fluorophenol

Concen: 80.94 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119515.D

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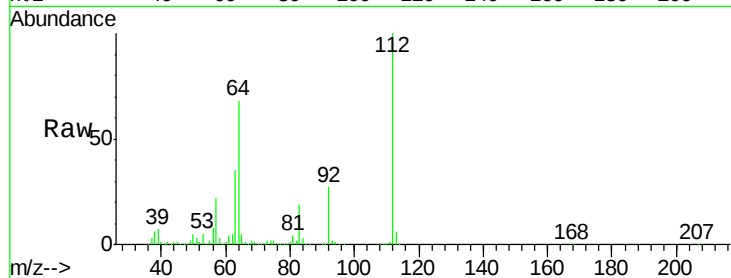
Tgt Ion: 112 Resp: 1845626

Ion Ratio Lower Upper

112 100

64 68.2 58.1 87.1

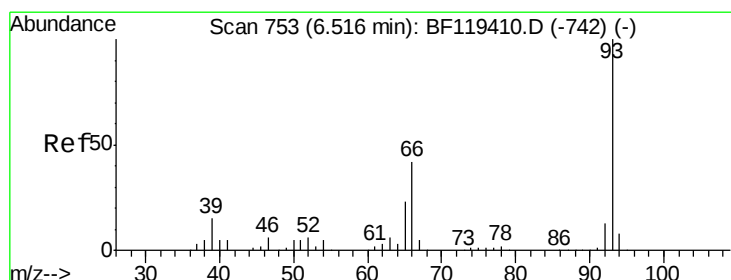
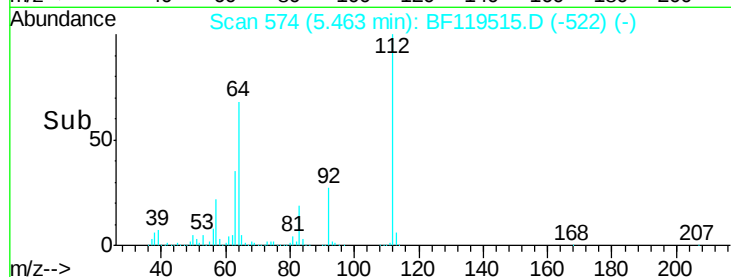
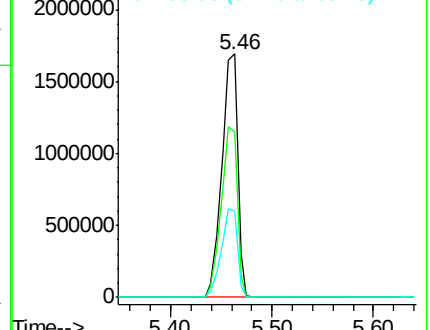
63 35.5 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.24 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

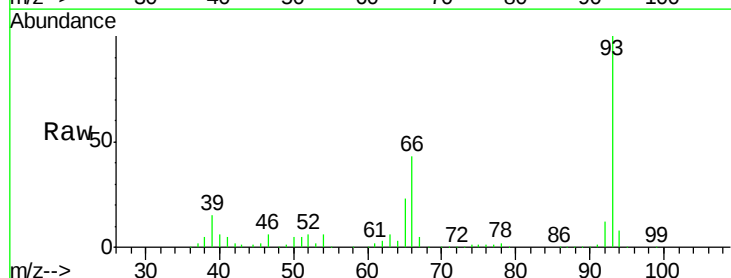
Tgt Ion: 93 Resp: 1456914

Ion Ratio Lower Upper

93 100

66 43.5 34.2 51.4

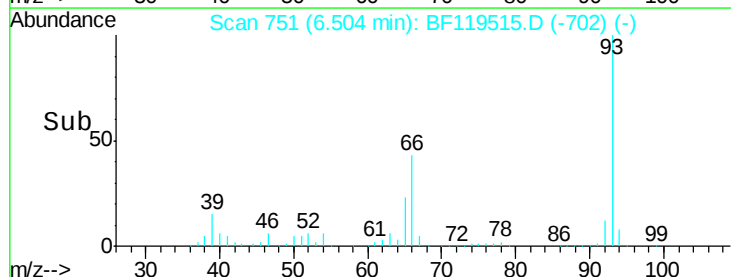
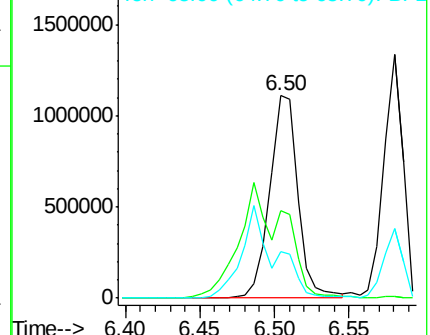
65 22.7 18.2 27.4

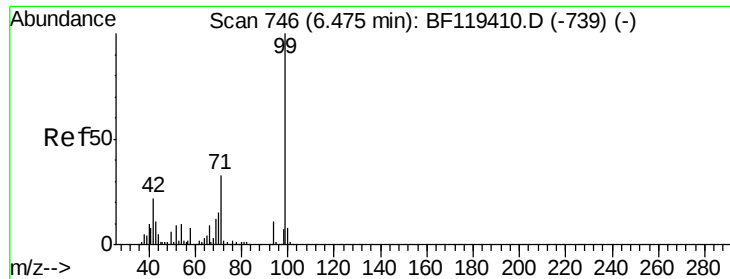


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.65 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

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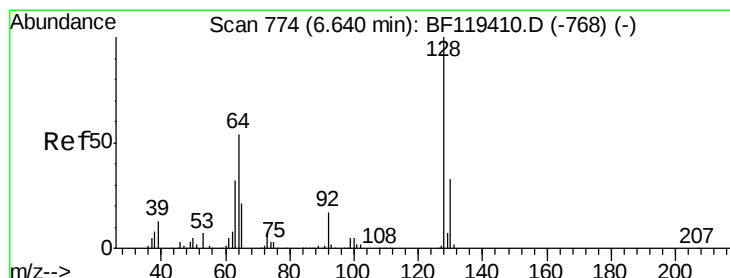
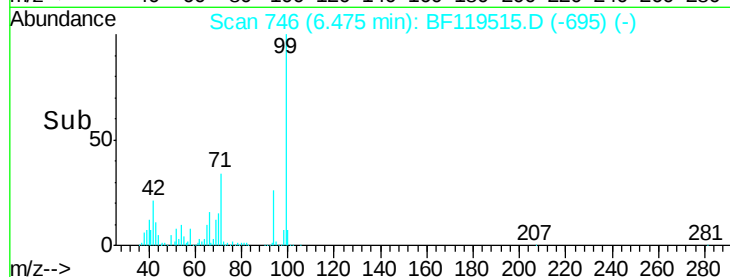
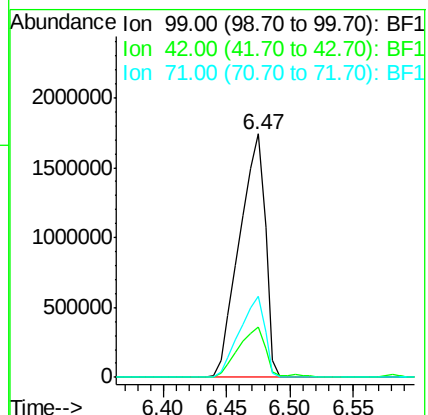
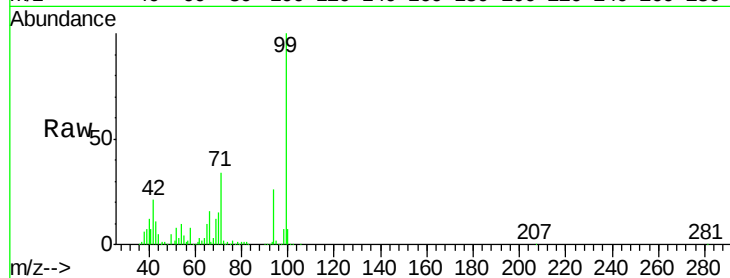
Tgt Ion: 99 Resp: 2465703

Ion Ratio Lower Upper

99 100

42 20.9 17.8 26.6

71 33.5 26.0 39.0



#8

2-Chlorophenol

Concen: 51.48 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

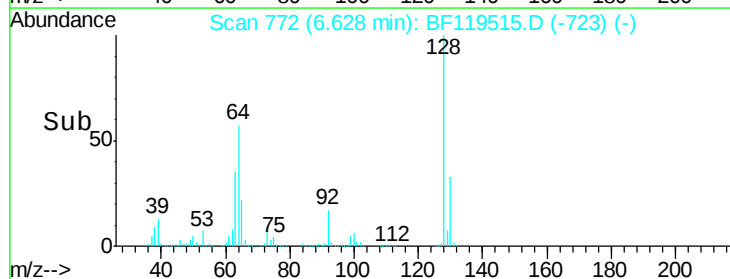
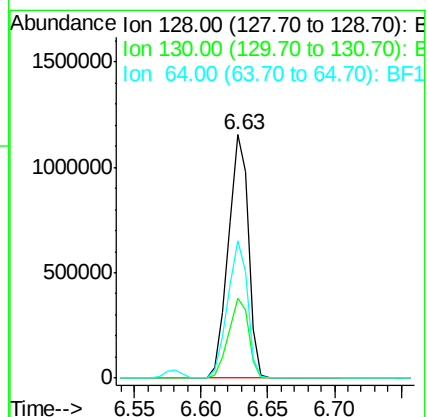
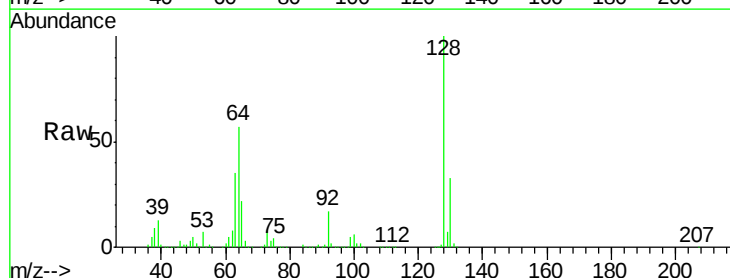
Tgt Ion: 128 Resp: 1232858

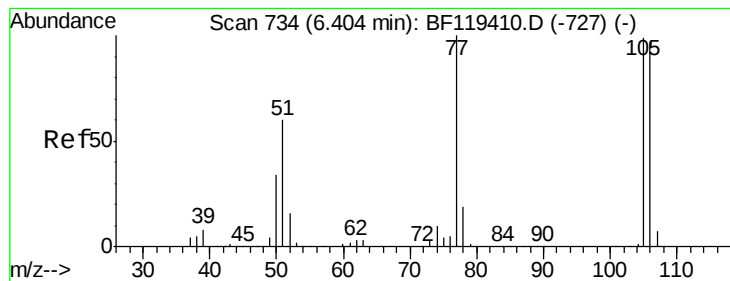
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 56.6 35.1 75.1





#9

Benzaldehyde

Concen: 41.02 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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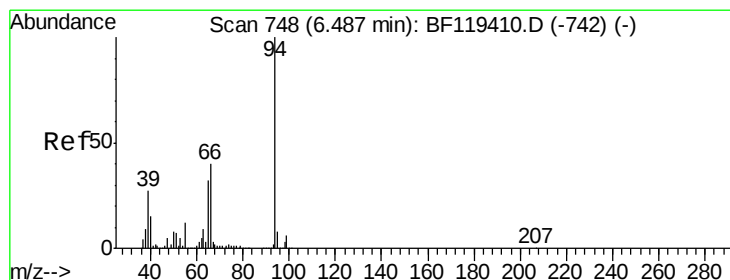
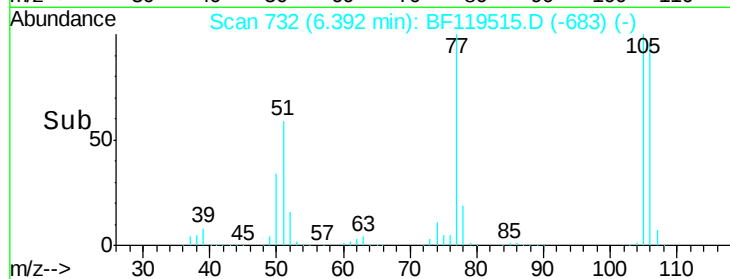
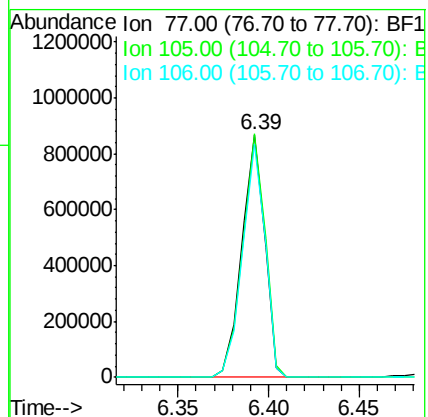
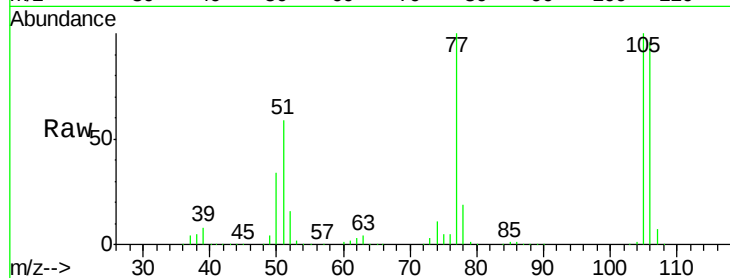
Tgt Ion: 77 Resp: 758001

Ion Ratio Lower Upper

77 100

105 100.5 78.6 118.6

106 96.2 76.5 116.5



#10

Phenol

Concen: 50.83 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

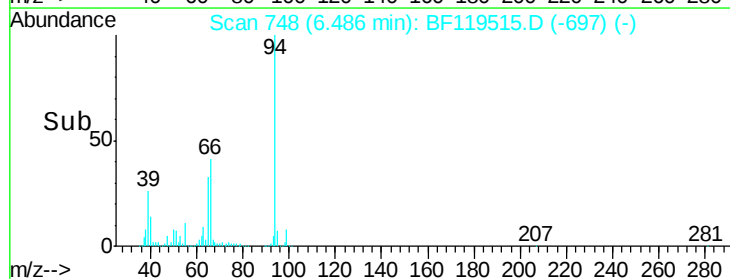
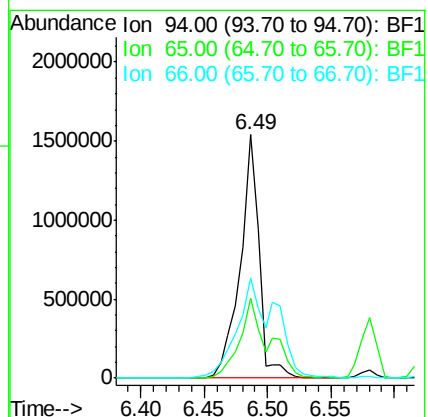
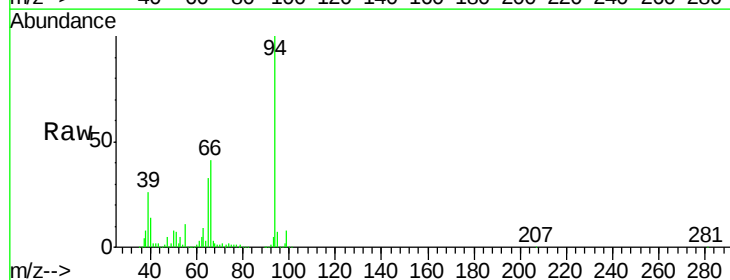
Tgt Ion: 94 Resp: 1579834

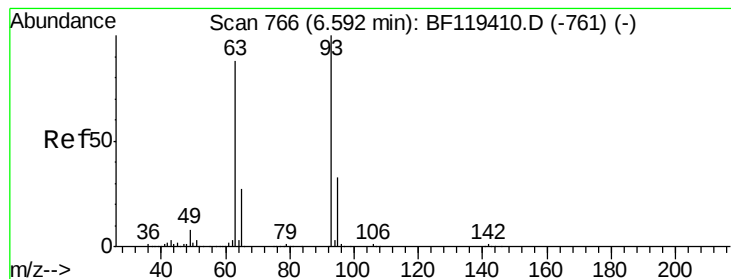
Ion Ratio Lower Upper

94 100

65 32.8 12.0 52.0

66 41.3 20.6 60.6





#11

bis(2-Chloroethyl)ether

Concen: 47.09 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

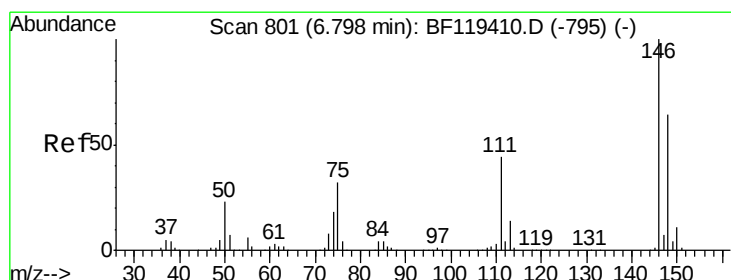
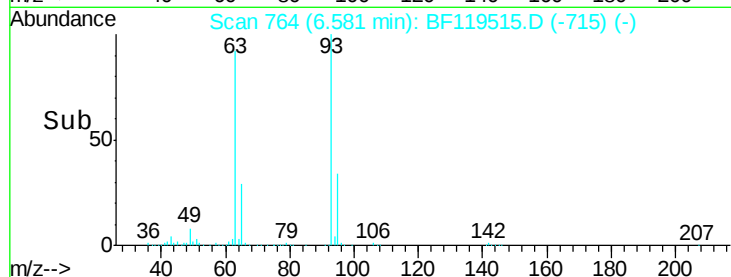
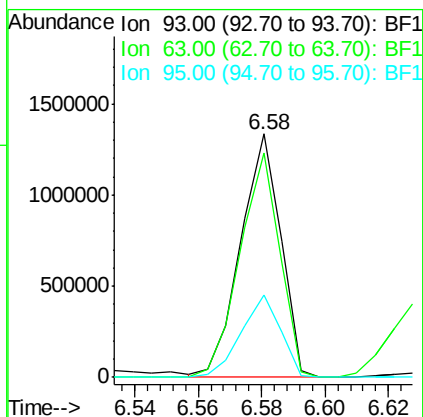
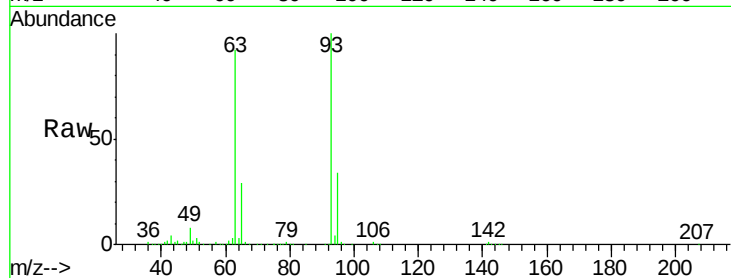
Tgt Ion: 93 Resp: 1170500

Ion Ratio Lower Upper

93 100

63 92.3 68.4 108.4

95 33.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 46.31 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

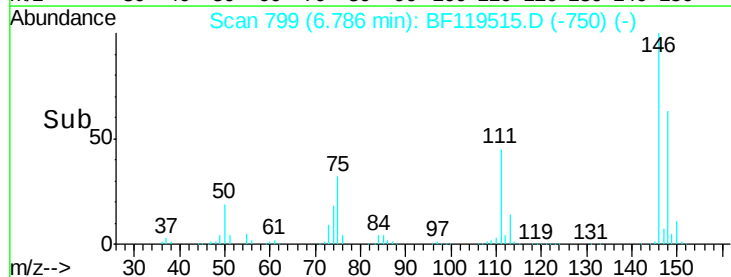
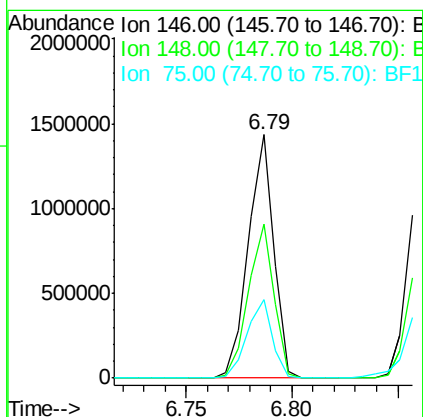
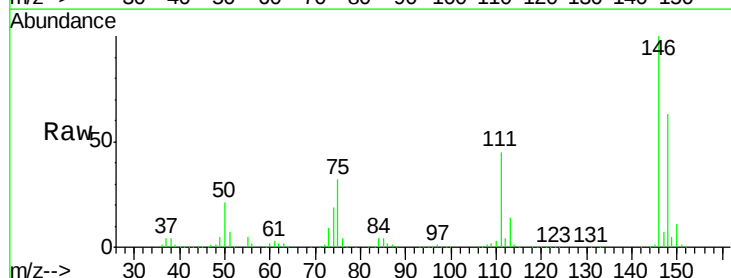
Tgt Ion: 146 Resp: 1200487

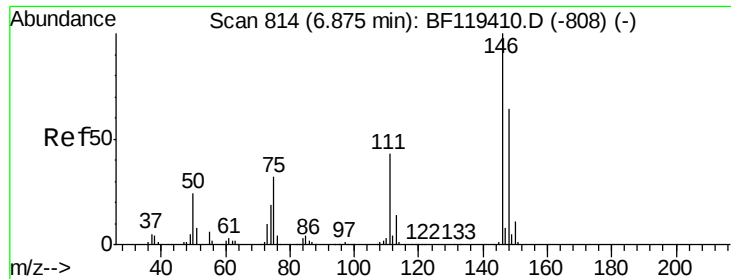
Ion Ratio Lower Upper

146 100

148 63.4 51.4 77.0

75 32.0 25.8 38.8

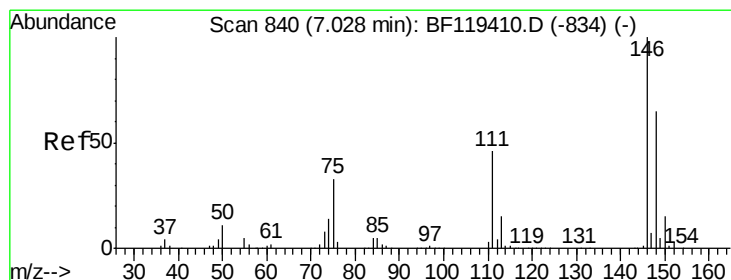
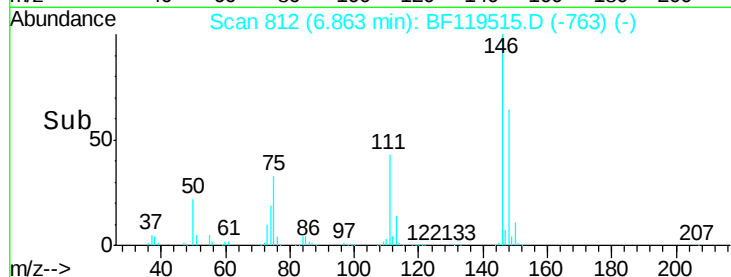
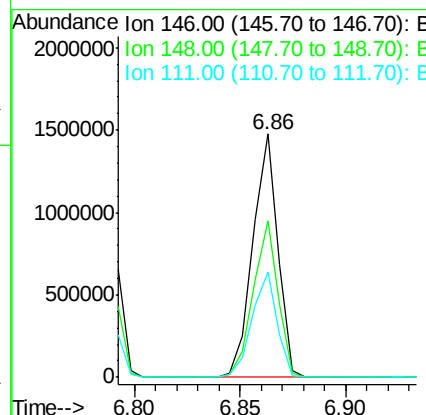
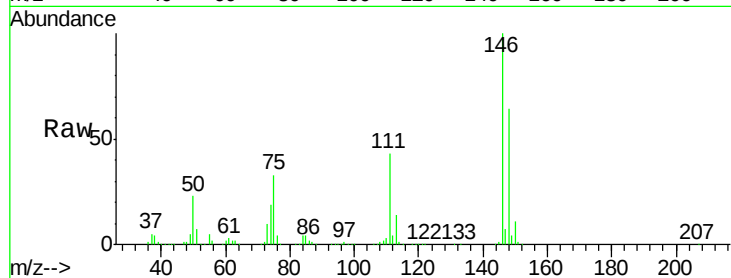




#13
 1,4-Dichlorobenzene
 Concen: 46.82 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

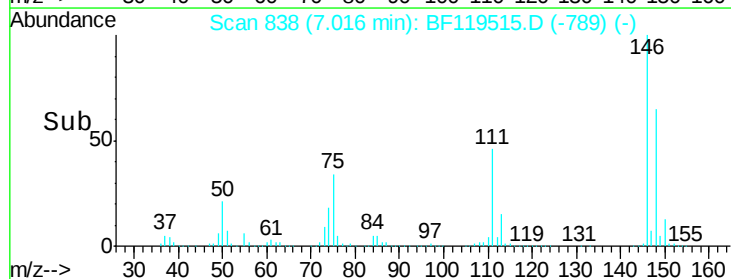
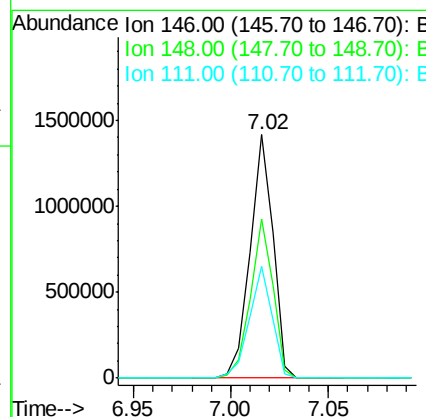
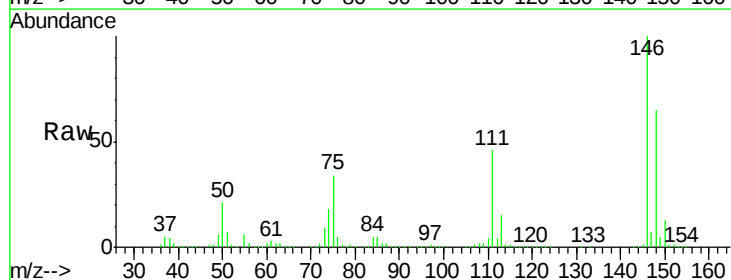
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

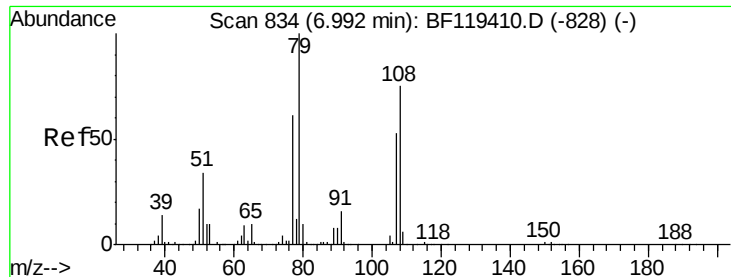
Tgt Ion:146 Resp: 1213818
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 111 43.0 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 47.51 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:146 Resp: 1151272
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.7 77.5
 111 46.1 36.4 54.6





#15

Benzyl Alcohol

Concen: 48.37 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

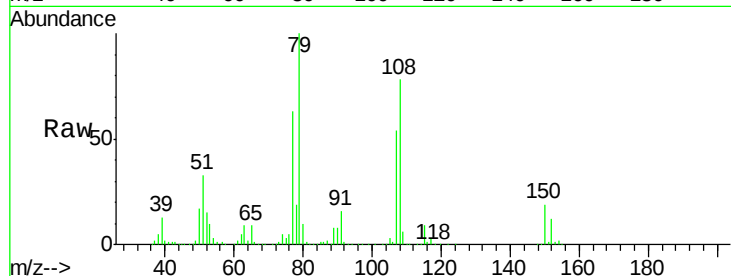
Tgt Ion: 79 Resp: 1059787

Ion Ratio Lower Upper

79 100

108 77.8 60.4 90.6

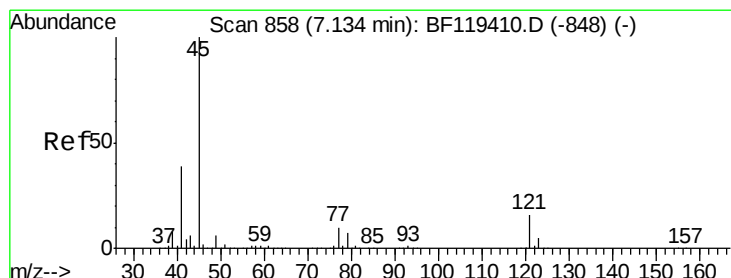
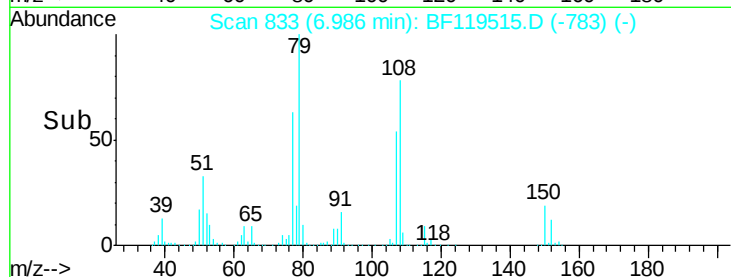
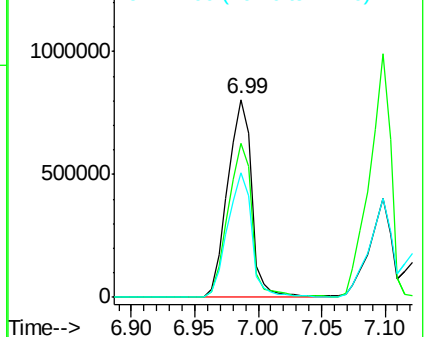
77 63.2 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.11 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

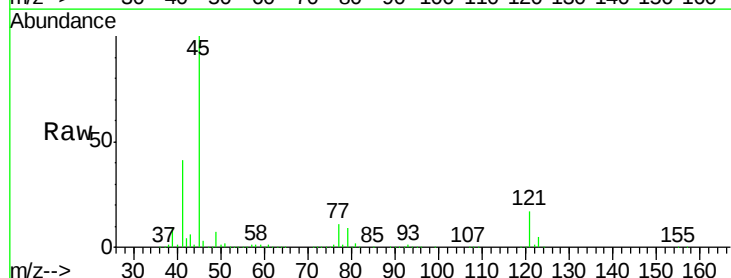
Tgt Ion: 45 Resp: 2262014

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.1

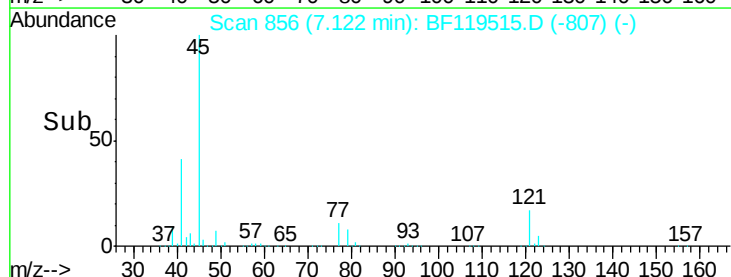
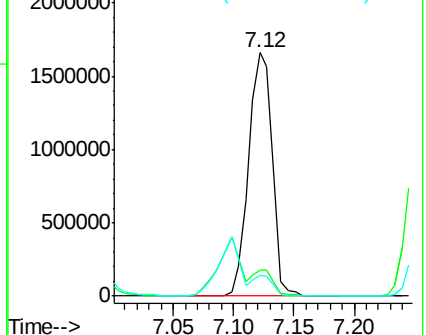
79 8.6 0.0 27.4

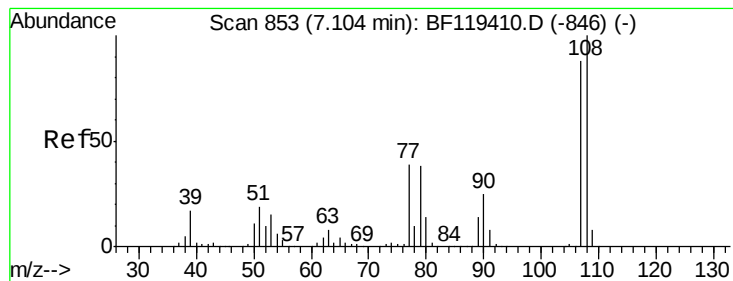


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

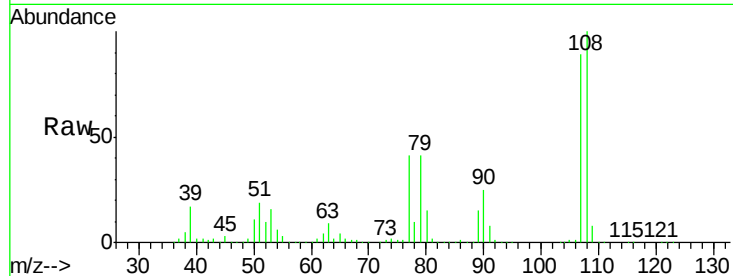




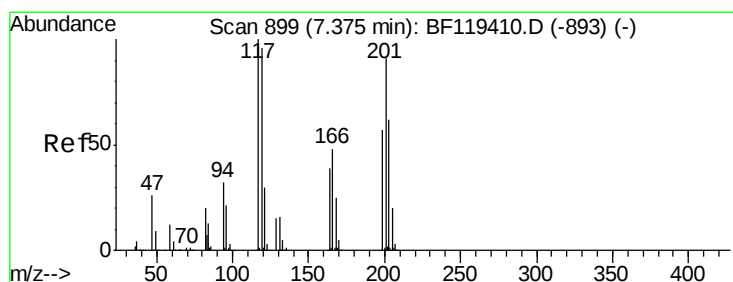
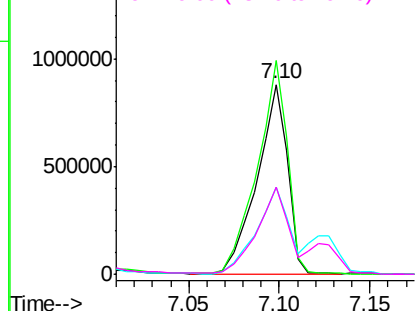
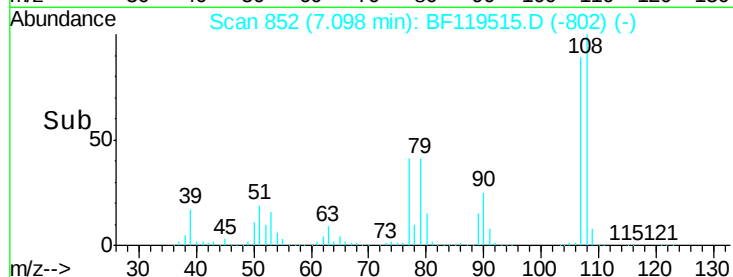
#17
2-Methylphenol
Concen: 46.39 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

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

Tgt Ion:107 Resp: 1017935
Ion Ratio Lower Upper
107 100
108 112.5 90.7 136.1
77 46.0 35.6 53.4
79 45.9 34.7 52.1

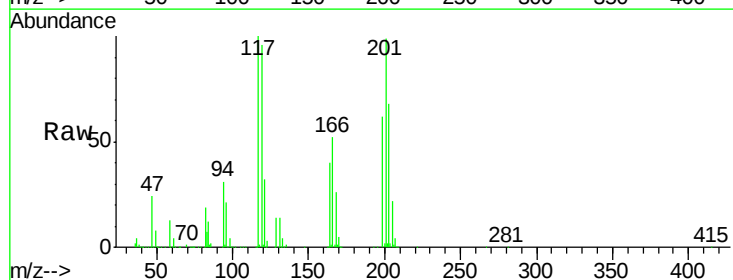


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

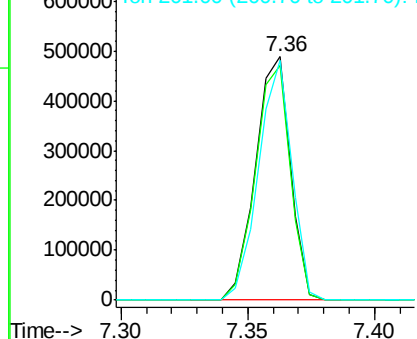
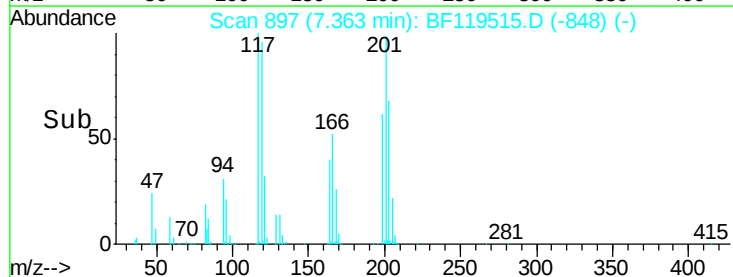


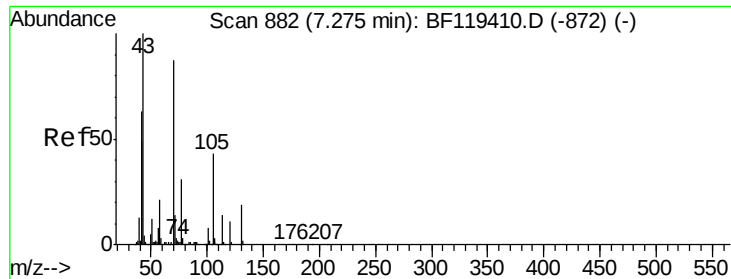
#18
Hexachloroethane
Concen: 49.56 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:117 Resp: 470882
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2
201 98.5 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

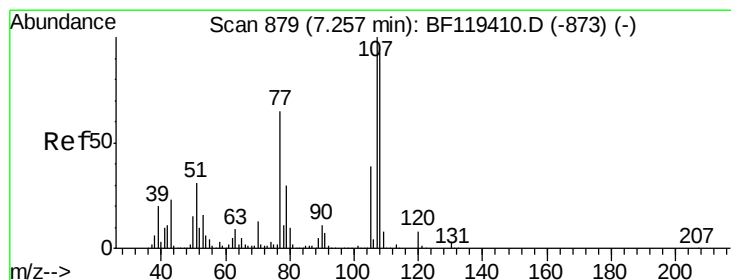
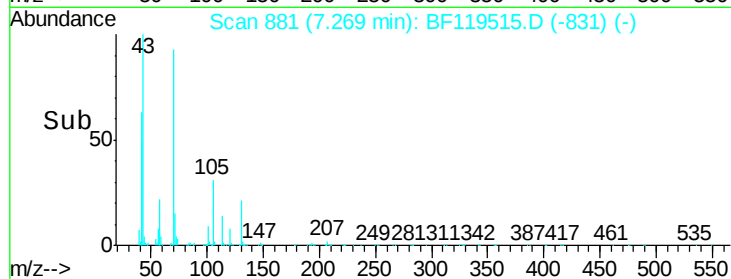
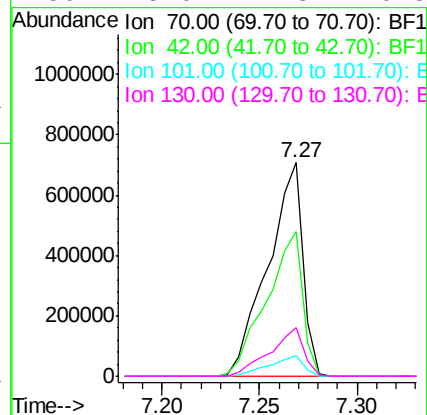
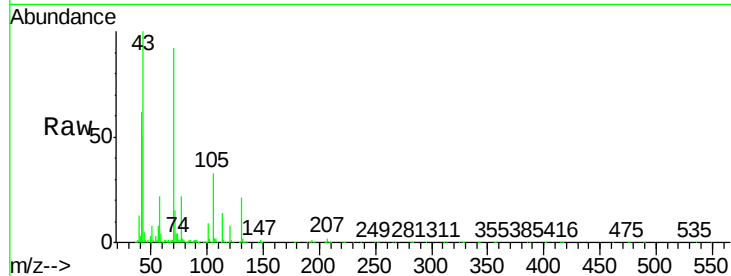




#19
n-Nitroso-di-n-propylamine
Concen: 50.13 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

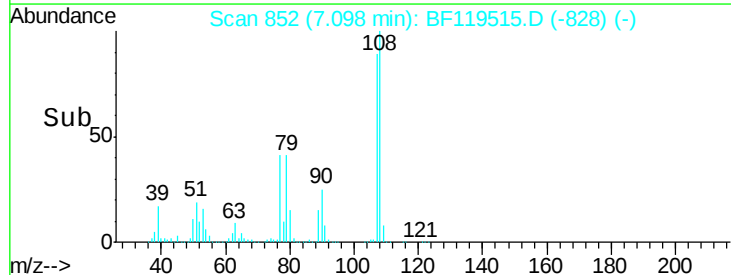
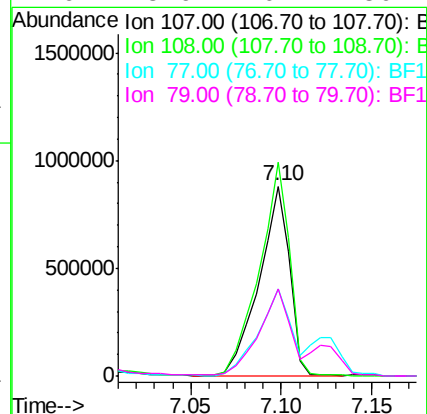
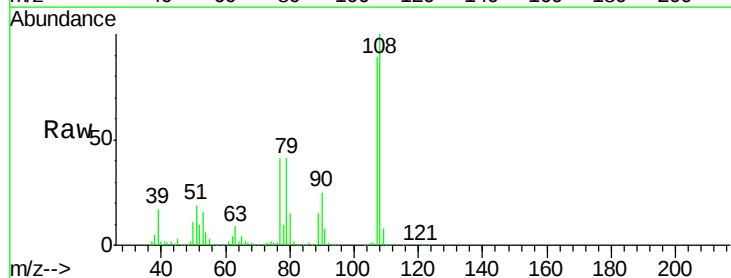
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

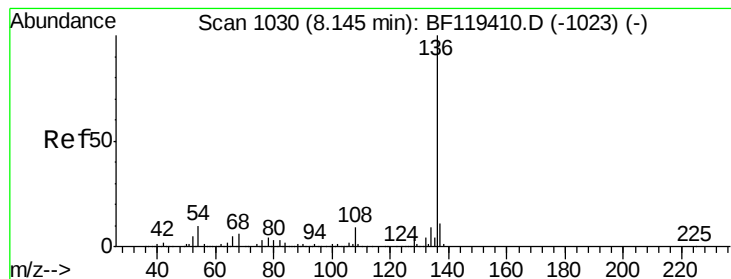
Tgt Ion:	70	Resp:	880135
Ion	Ratio	Lower	Upper
70	100		
42	67.9	58.2	87.4
101	9.7	7.4	11.2
130	23.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 37.83 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.16 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:	107	Resp:	1017362
Ion	Ratio	Lower	Upper
107	100		
108	112.5	72.6	112.6
77	46.0	44.7	84.7
79	45.9	10.2	50.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

Tgt Ion:136 Resp: 1442694

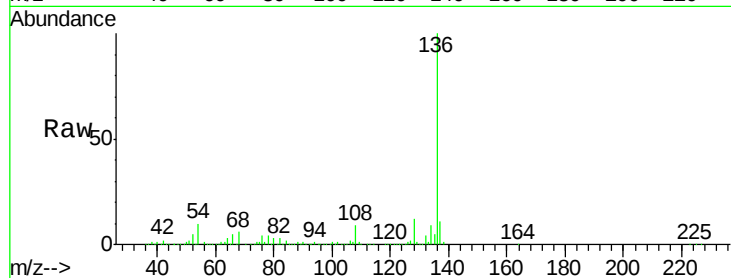
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.4 8.3 12.5

68 5.6 4.9 7.3

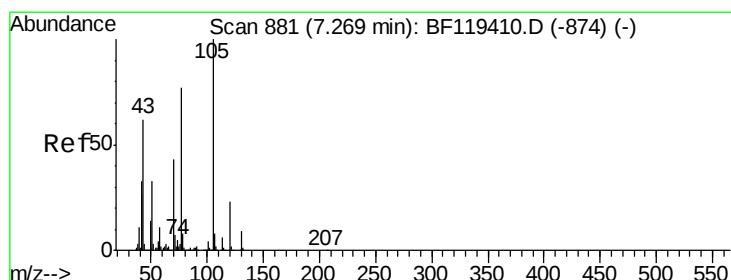
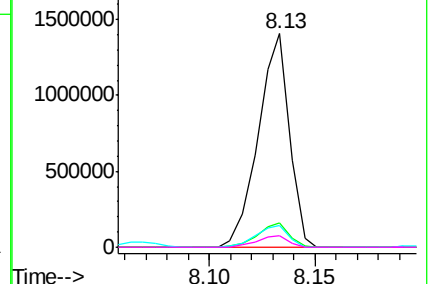
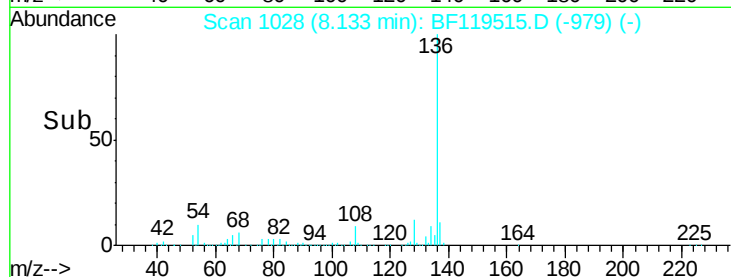


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.28 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Tgt Ion:105 Resp: 1595261

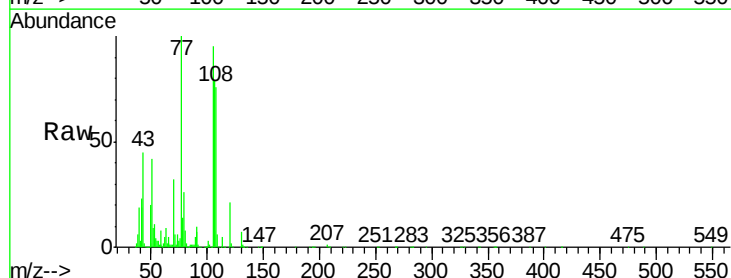
Ion Ratio Lower Upper

105 100

71 5.9 5.8 8.6

51 44.6 26.8 40.2#

120 21.8 18.0 27.0

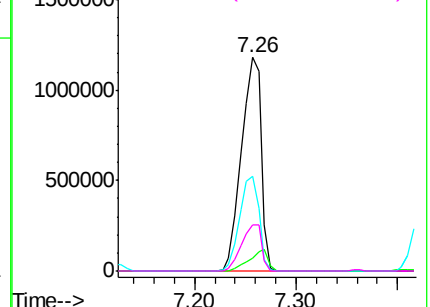
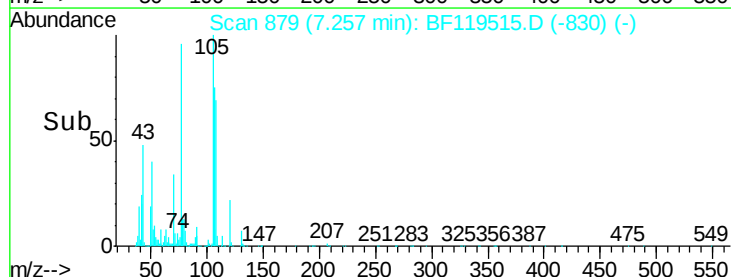


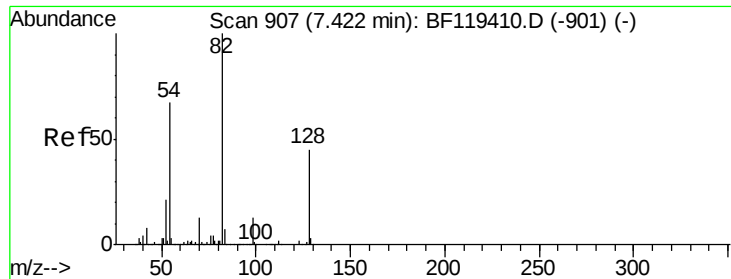
Abundance Ion 105.00 (104.70 to 105.70): E

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

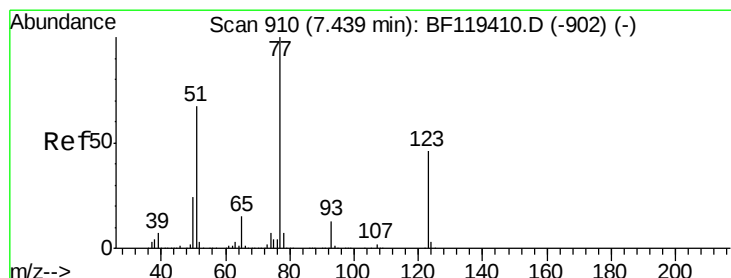
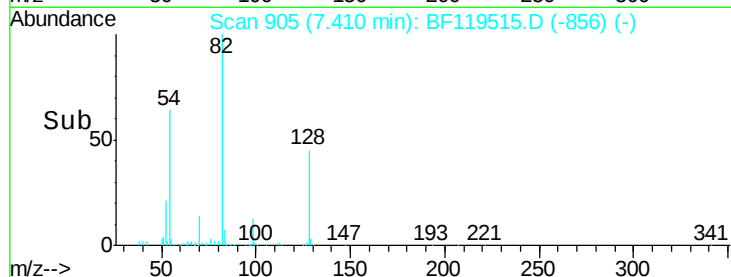
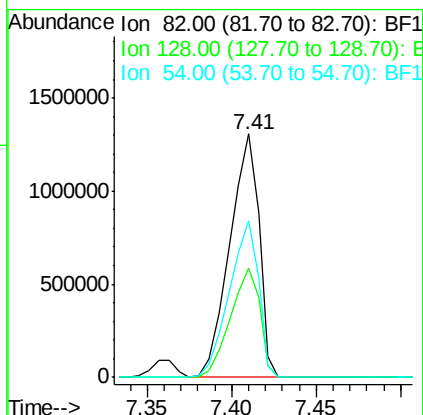
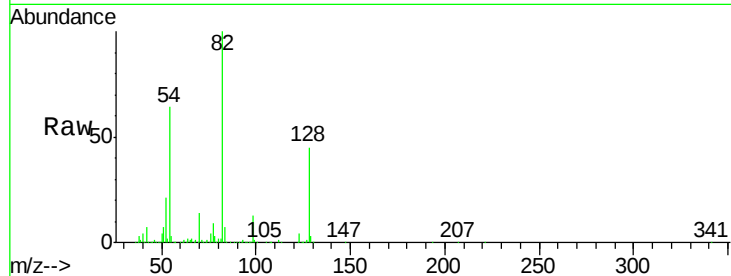




#23
 Nitrobenzene-d5
 Concen: 59.22 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

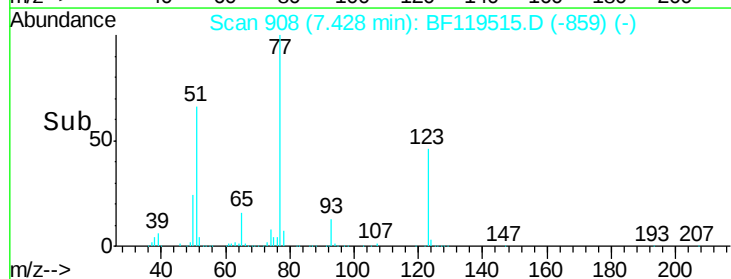
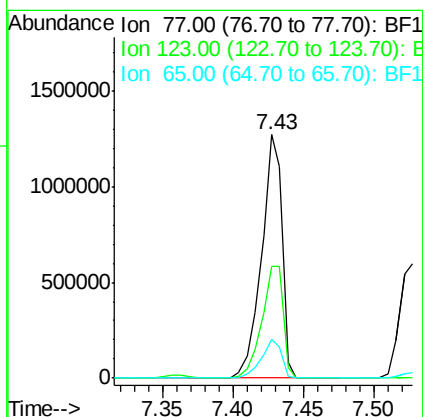
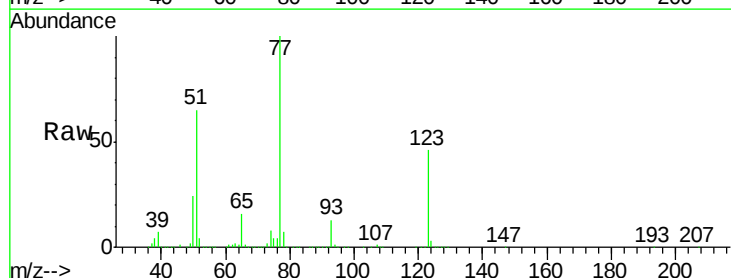
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

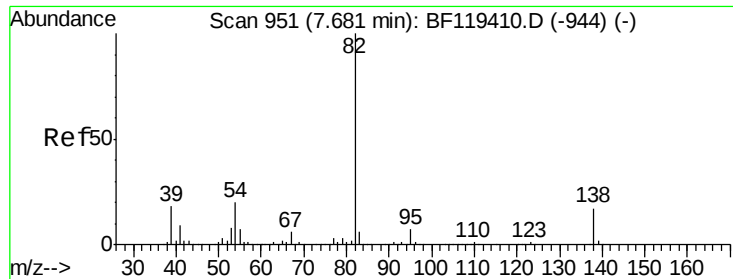
Tgt Ion: 82 Resp: 1571963
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.8 53.8
 54 64.2 53.4 80.0



#24
 Nitrobenzene
 Concen: 46.06 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion: 77 Resp: 1306610
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.9 55.3
 65 15.9 12.2 18.4

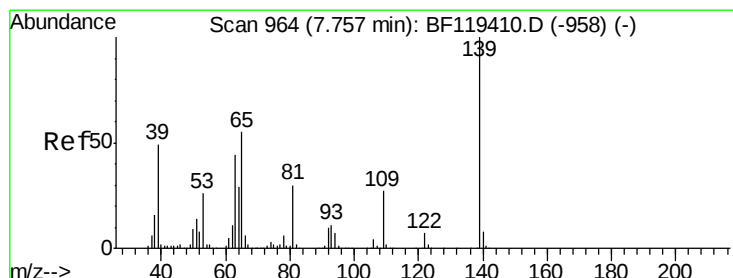
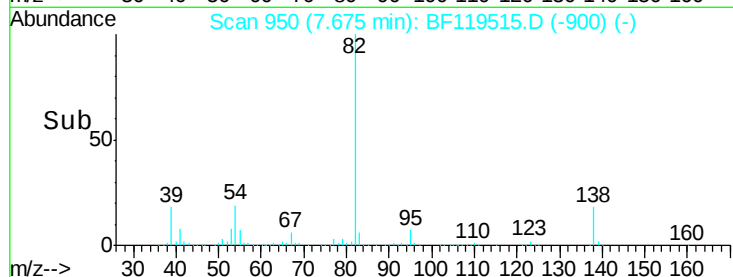
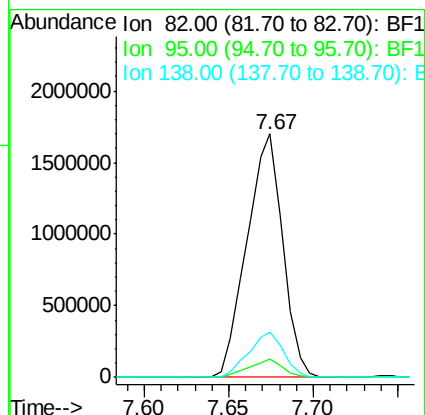
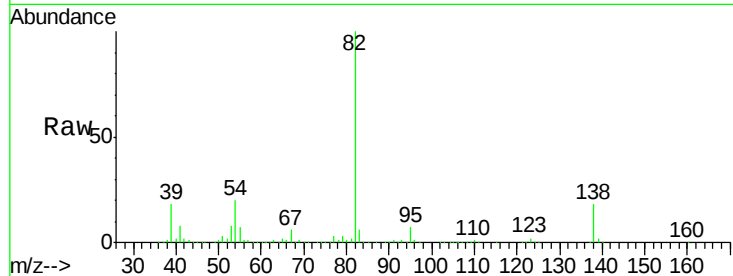




#25
Isophorone
Concen: 46.64 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

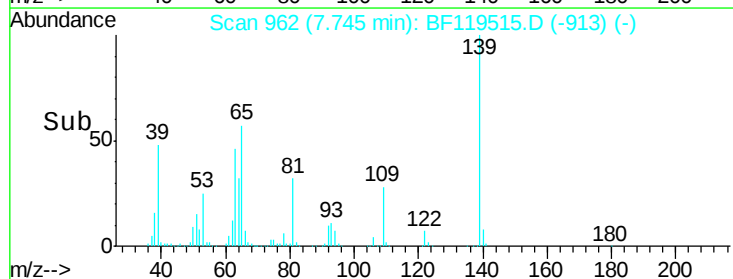
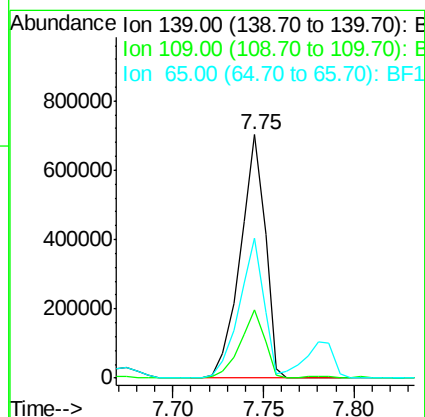
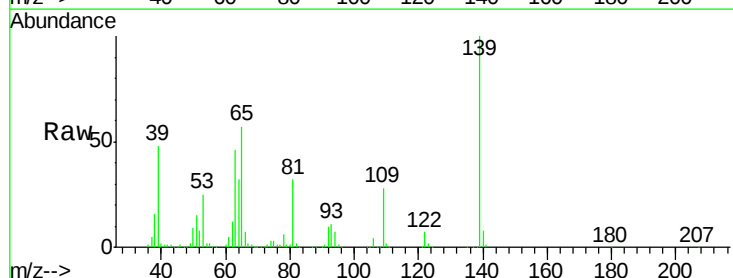
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

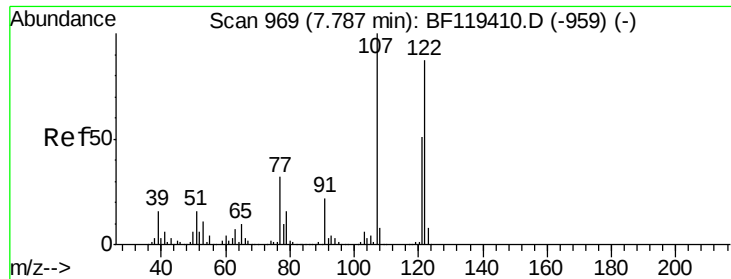
Tgt Ion: 82 Resp: 2511669
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 18.4 13.8 20.8



#26
2-Nitrophenol
Concen: 60.05 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion: 139 Resp: 670742
Ion Ratio Lower Upper
139 100
109 27.9 21.7 32.5
65 57.4 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 49.85 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

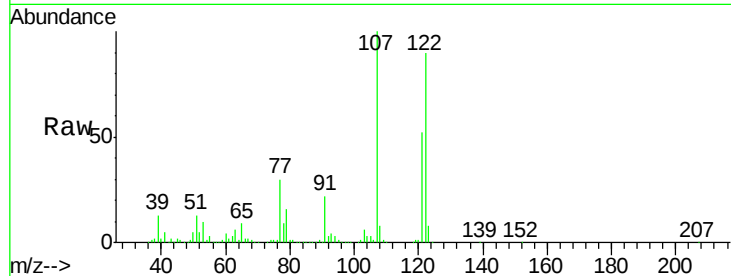
Tgt Ion:122 Resp: 1151414

Ion Ratio Lower Upper

122 100

107 111.6 91.8 137.6

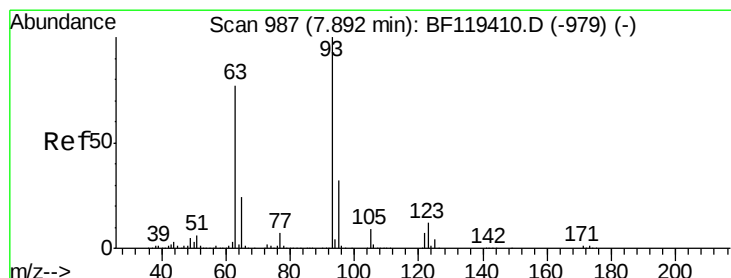
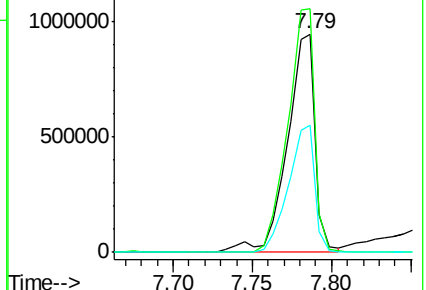
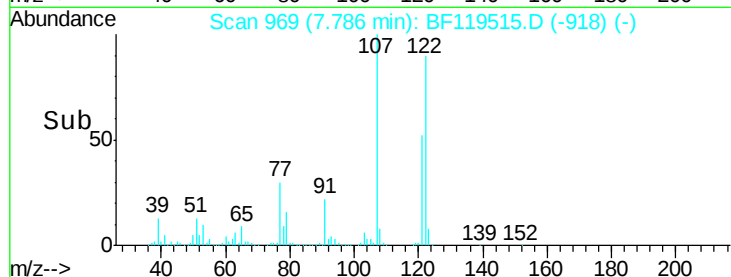
121 58.4 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.11 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

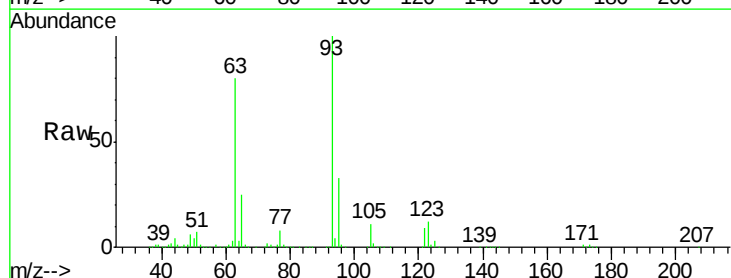
Tgt Ion: 93 Resp: 1563885

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

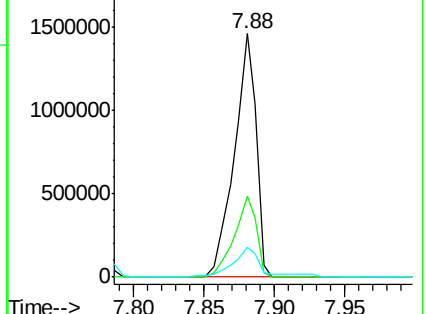
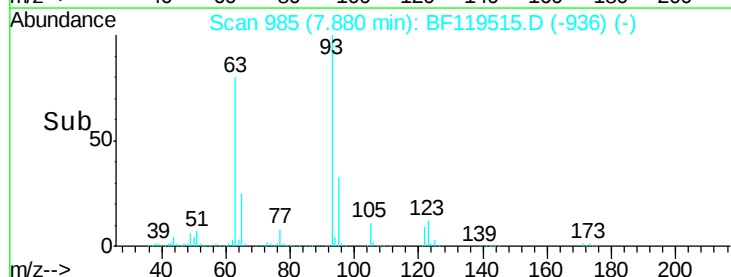
123 12.0 9.7 14.5

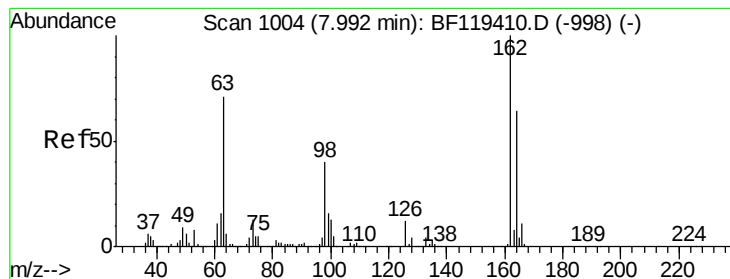


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.67 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

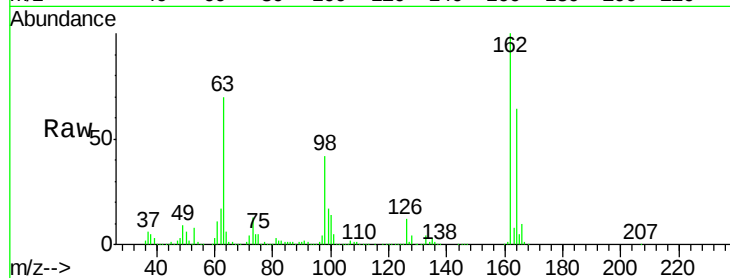
Tgt Ion:162 Resp: 1054089

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

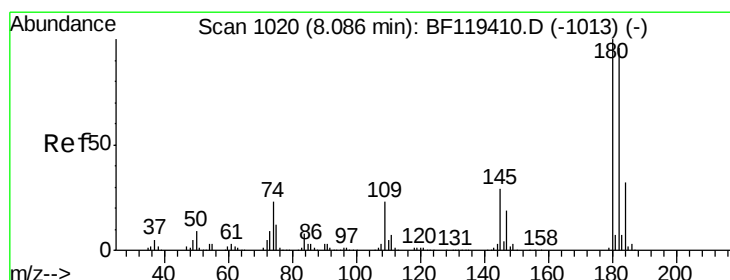
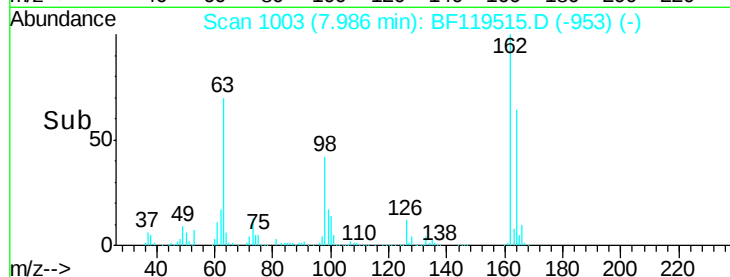
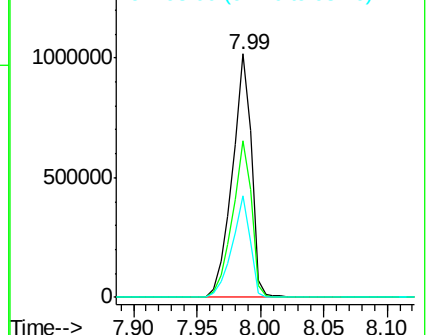
98 41.7 20.4 60.4



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: 46.83 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

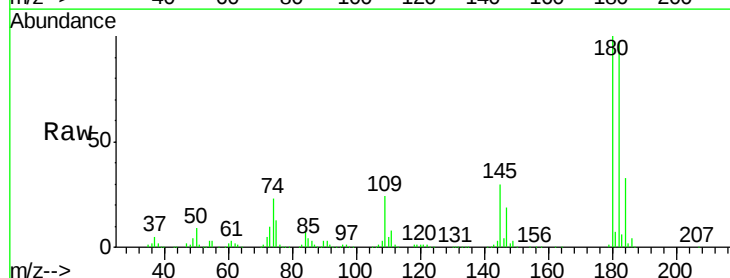
Tgt Ion:180 Resp: 1099183

Ion Ratio Lower Upper

180 100

182 96.7 76.6 115.0

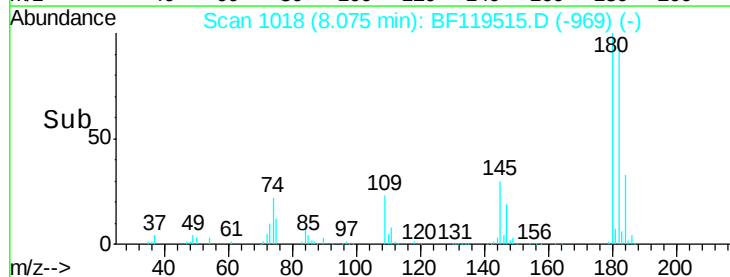
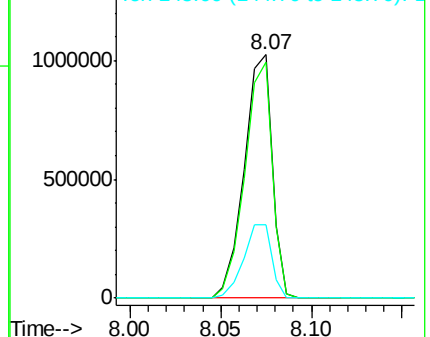
145 30.3 23.2 34.8

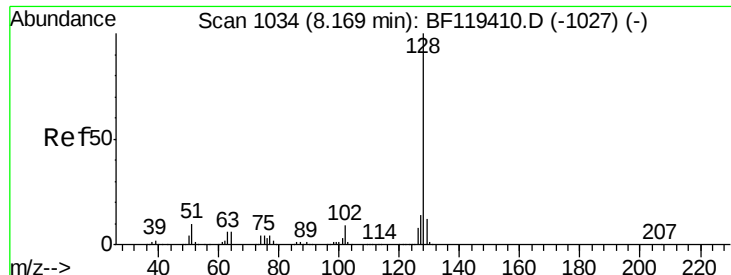


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

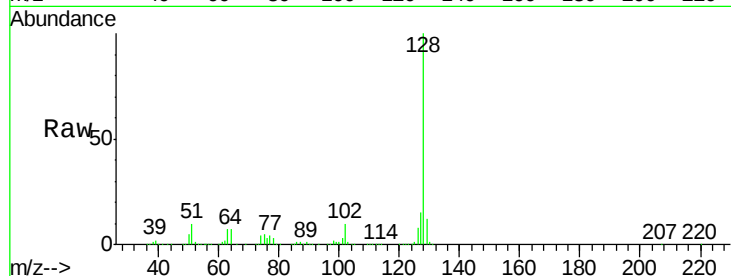




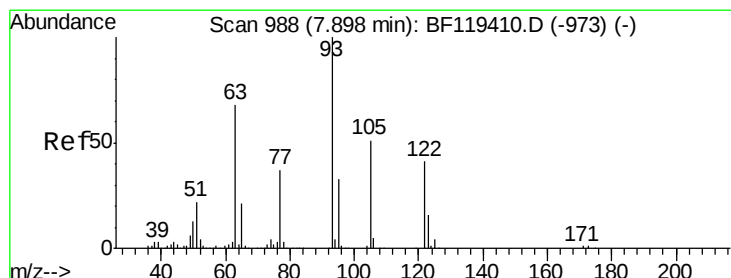
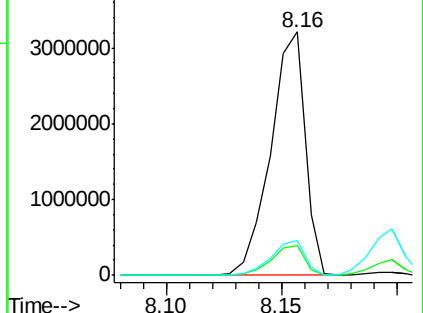
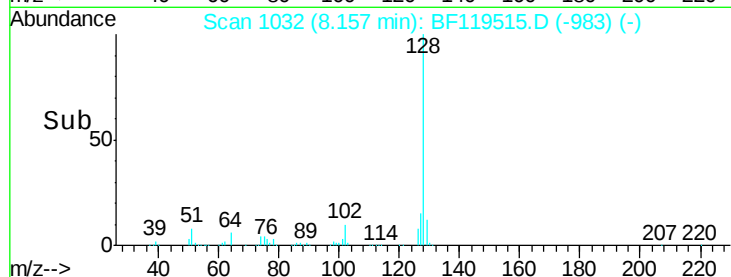
#31
Naphthalene
Concen: 44.67 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

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

Tgt Ion:128 Resp: 3316610
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 14.5 11.0 16.4

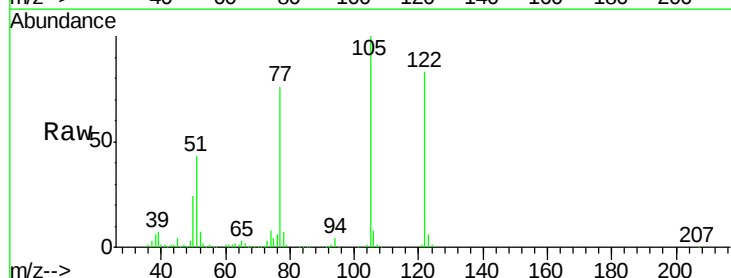


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

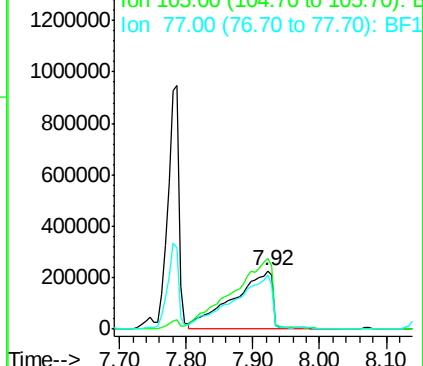
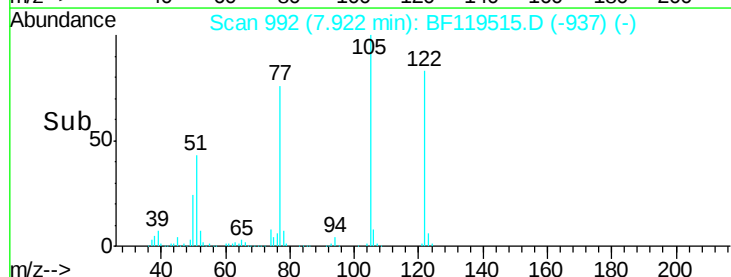


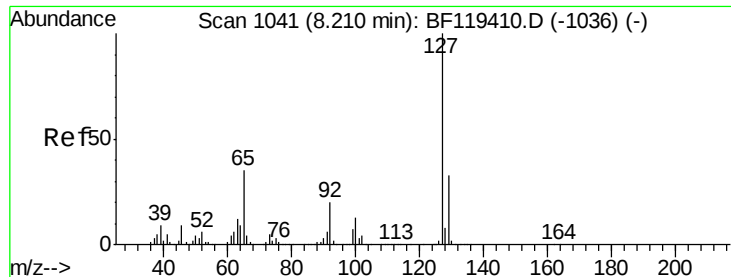
#32
Benzoic acid
Concen: 62.50 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:122 Resp: 928514
Ion Ratio Lower Upper
122 100
105 120.4 102.9 142.9
77 91.9 70.1 110.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

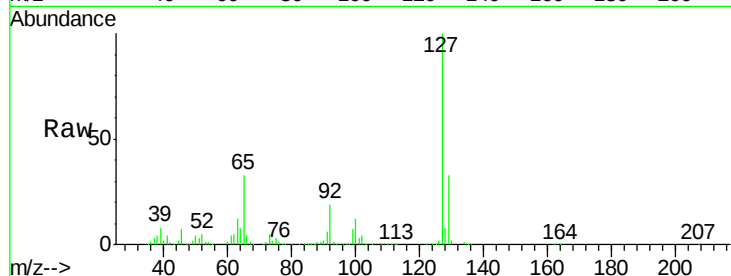




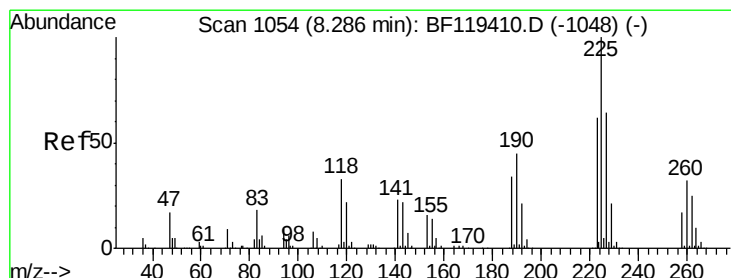
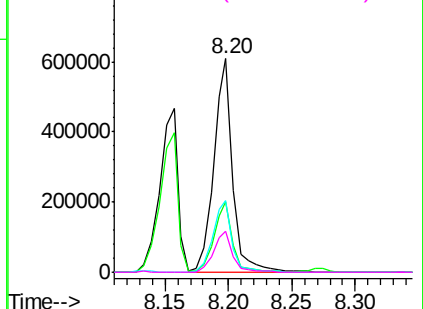
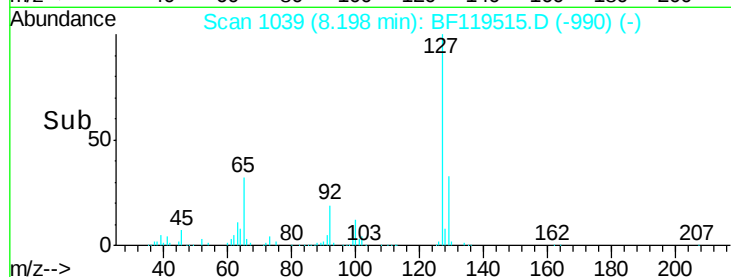
#33
 4-Chloroaniline
 Concen: 18.60 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

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

Tgt Ion:	127	Resp:	632604
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	33.5	27.7	41.5
92	19.1	15.8	23.6

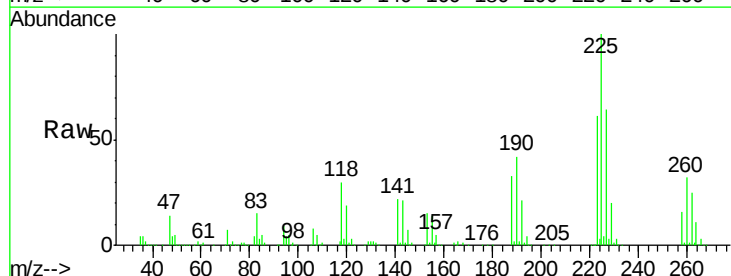


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

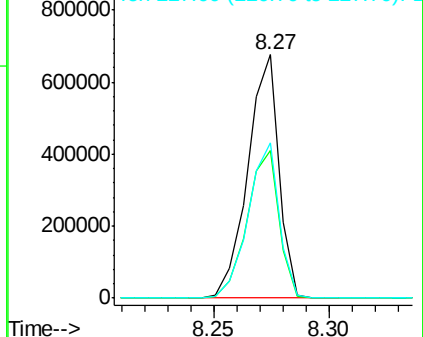
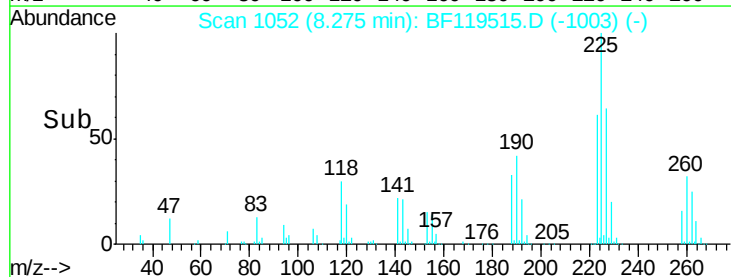


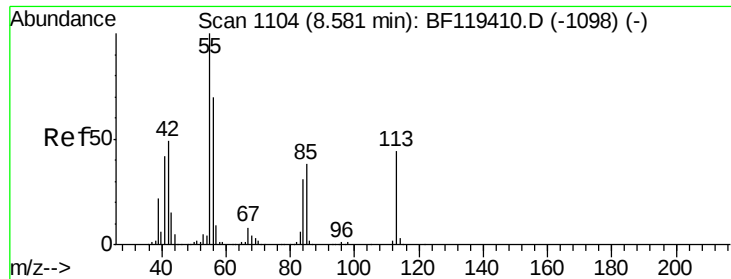
#34
 Hexachlorobutadiene
 Concen: 48.40 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:	225	Resp:	635554
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.2	73.8
227	63.6	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

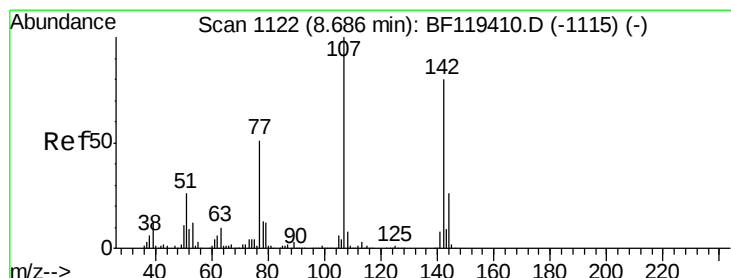
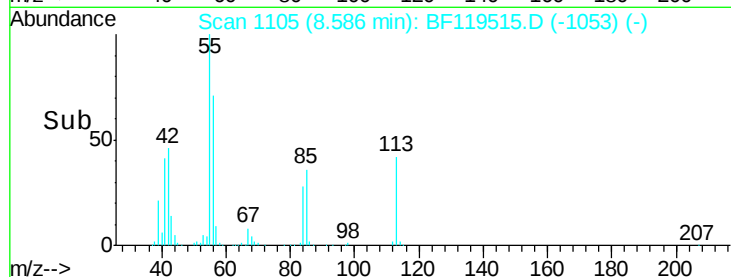
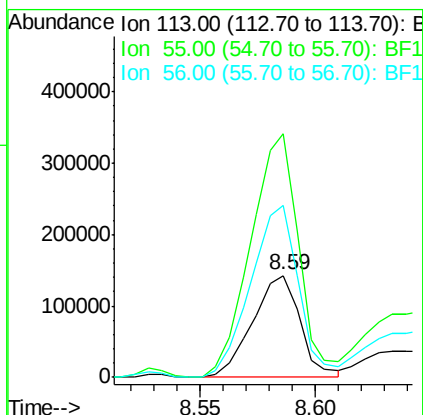
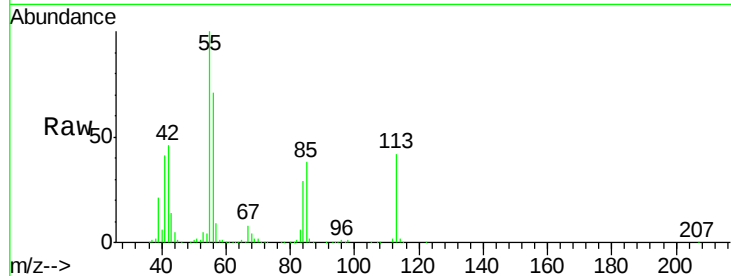




#35
 Caprolactam
 Concen: 29.48 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

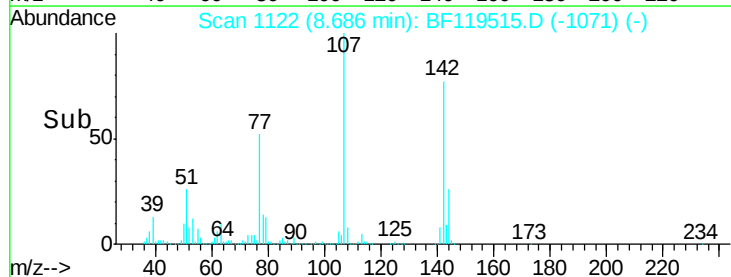
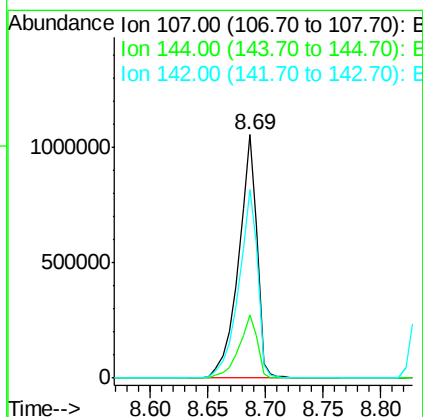
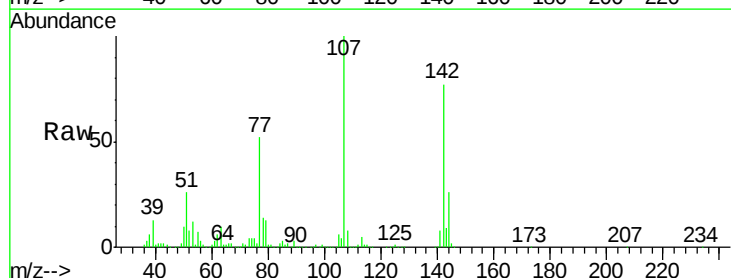
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

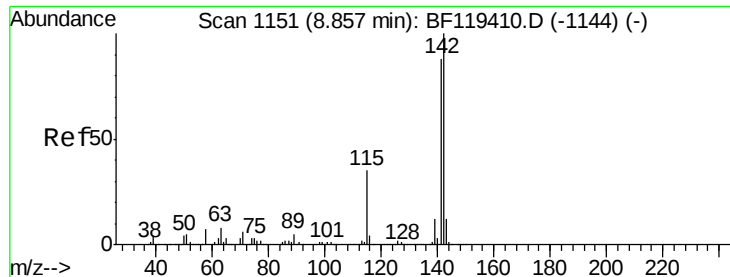
Tgt Ion:113 Resp: 204730
 Ion Ratio Lower Upper
 113 100
 55 238.6 208.4 248.4
 56 168.9 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.42 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:107 Resp: 1169594
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 31.0
 142 77.5 63.8 95.6

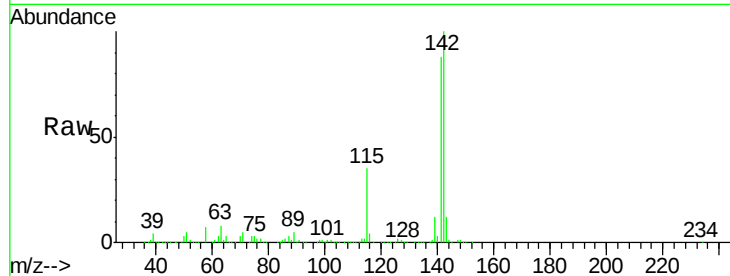




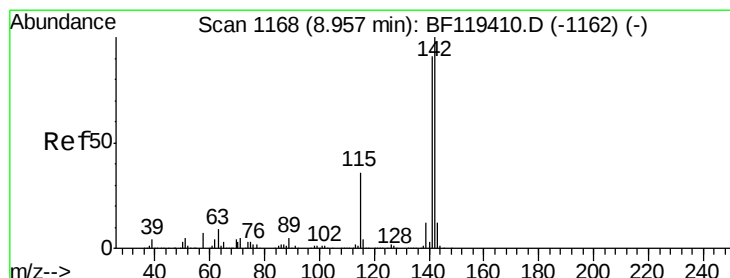
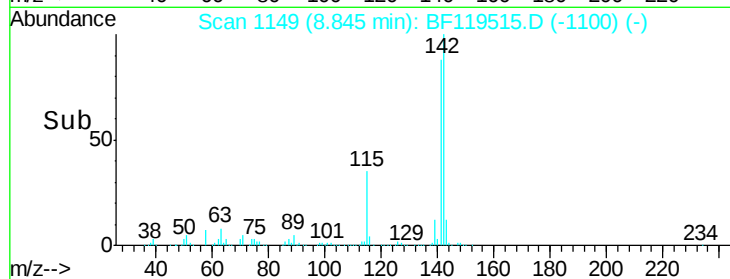
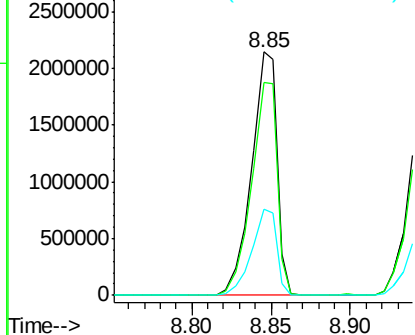
#37
 2-Methylnaphthalene
 Concen: 48.98 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

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

Tgt Ion:142 Resp: 2386688
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.4 105.6
 115 35.5 27.8 41.6

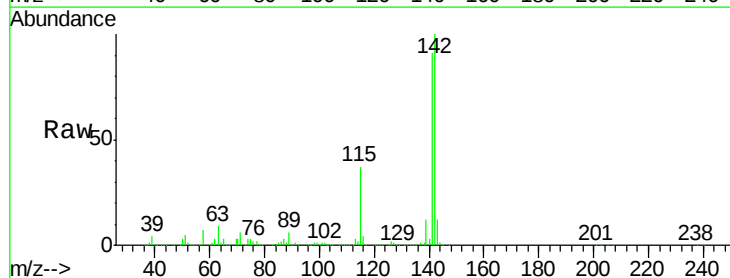


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

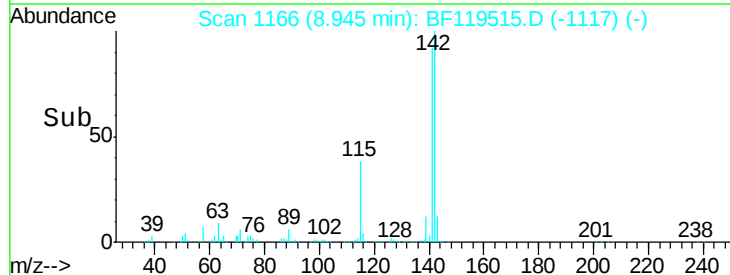
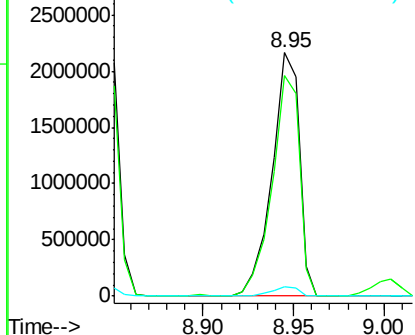


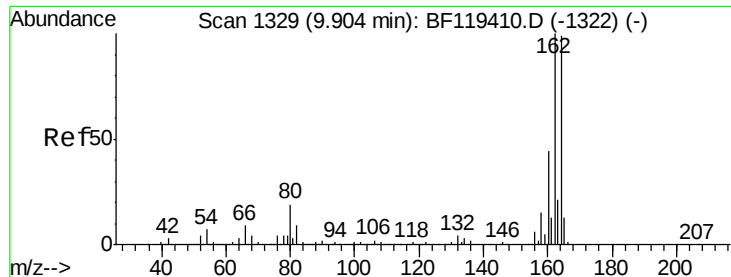
#38
 1-Methylnaphthalene
 Concen: 49.04 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:142 Resp: 2261538
 Ion Ratio Lower Upper
 142 100
 141 90.6 73.1 109.7
 116 4.0 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

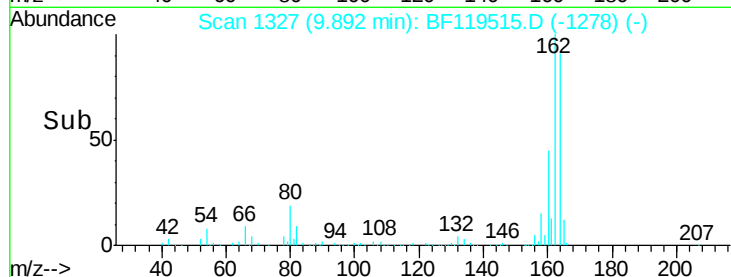
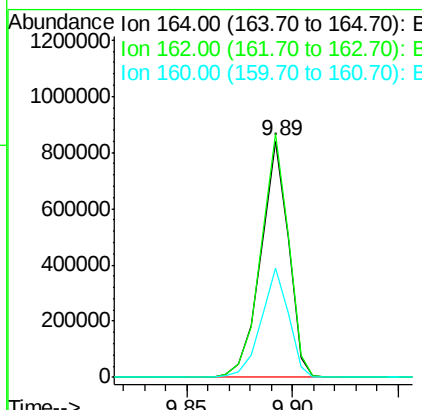
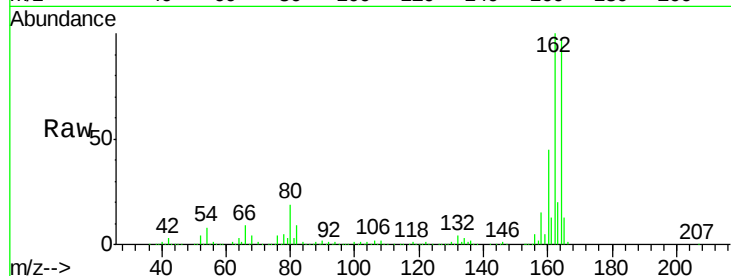




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

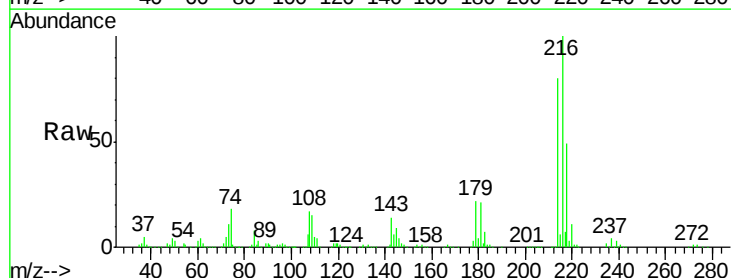
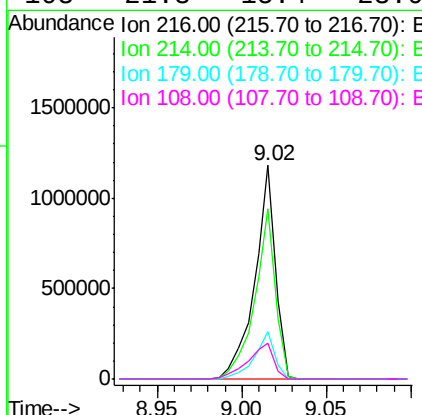
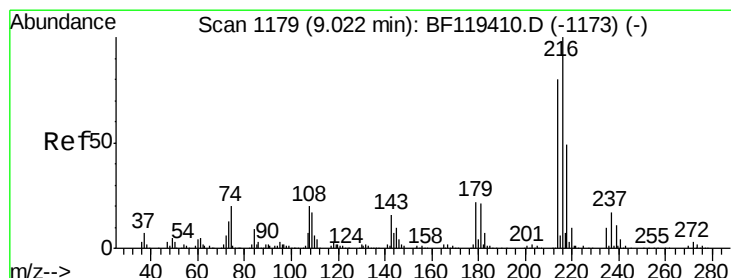
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

Tgt Ion:164 Resp: 768335
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 46.3 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.91 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:216 Resp: 1011359
Ion Ratio Lower Upper
216 100
214 79.6 63.0 94.6
179 21.9 17.0 25.4
108 21.3 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 96.97 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

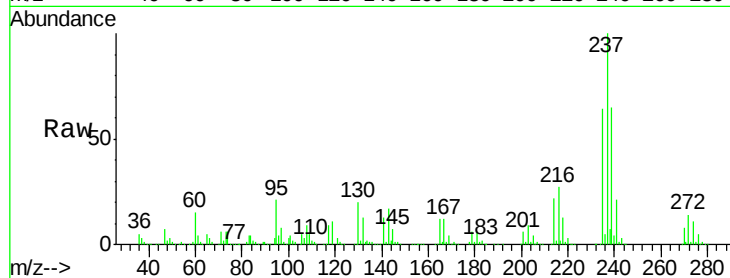
Tgt Ion: 237 Resp: 1241498

Ion Ratio Lower Upper

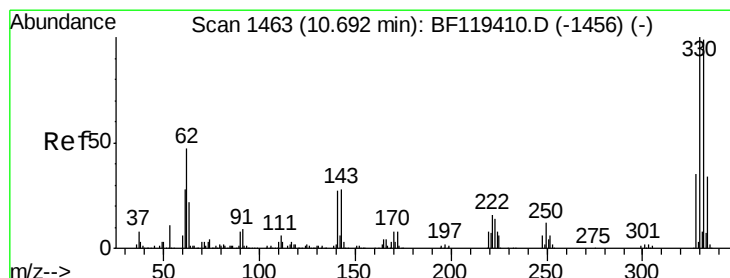
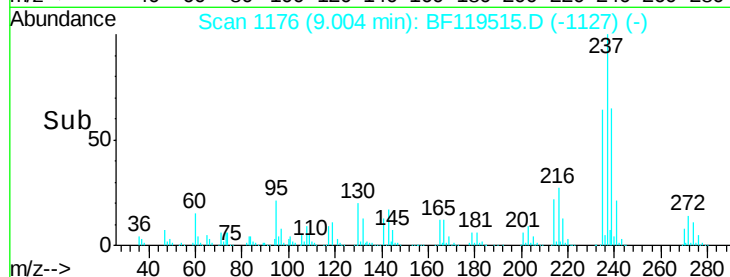
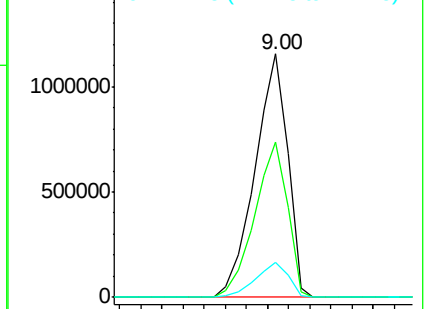
237 100

235 63.7 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: 98.65 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

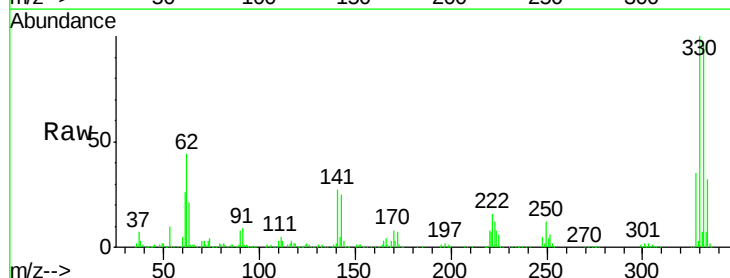
Tgt Ion: 330 Resp: 781947

Ion Ratio Lower Upper

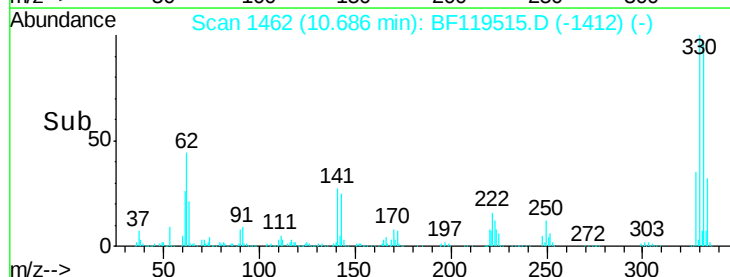
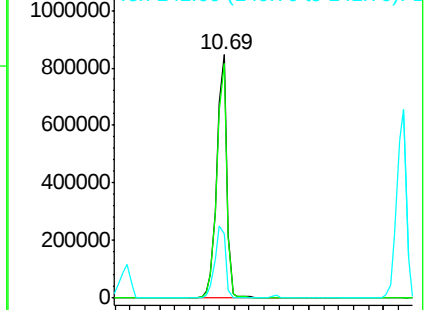
330 100

332 96.1 77.6 116.4

141 31.8 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

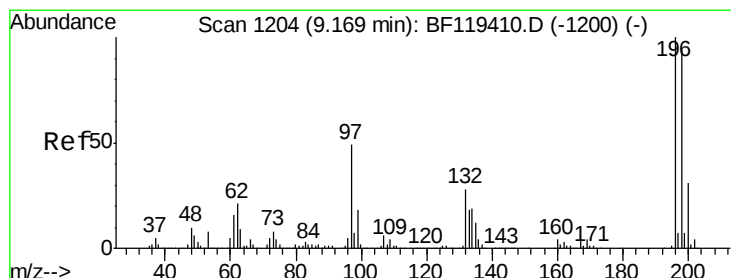
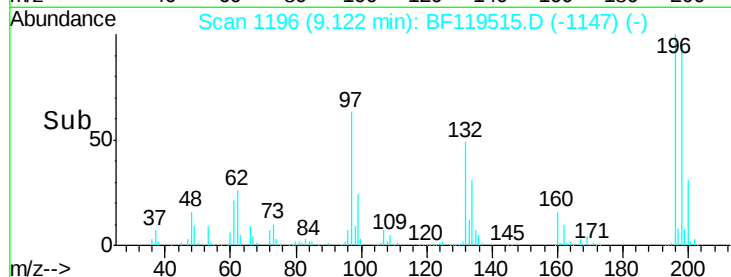
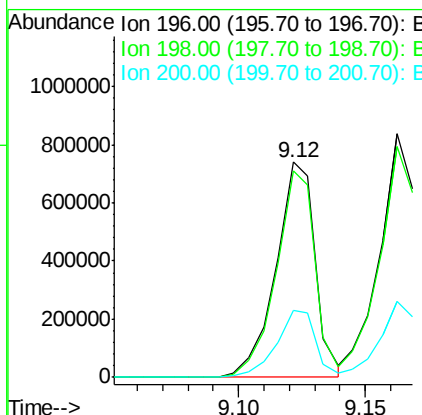
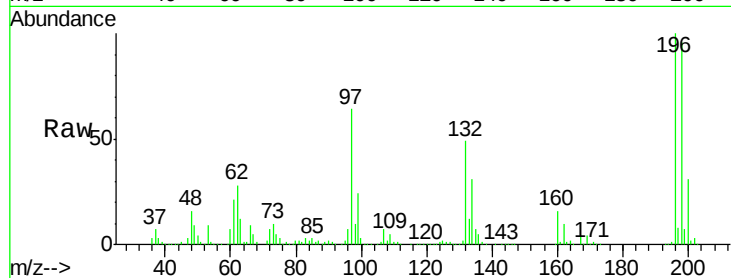




#43
 2,4,6-Trichlorophenol
 Concen: 49.70 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

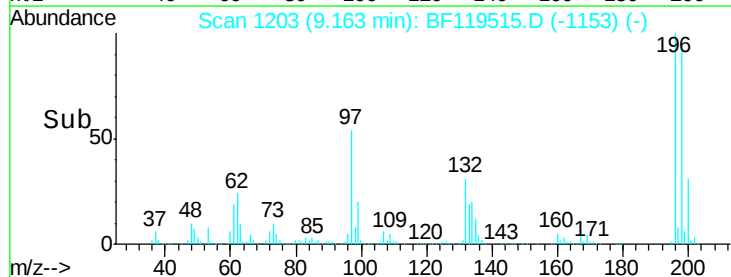
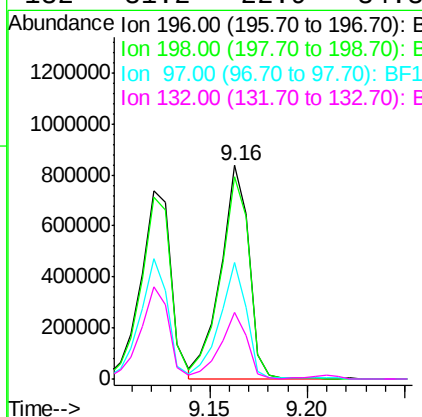
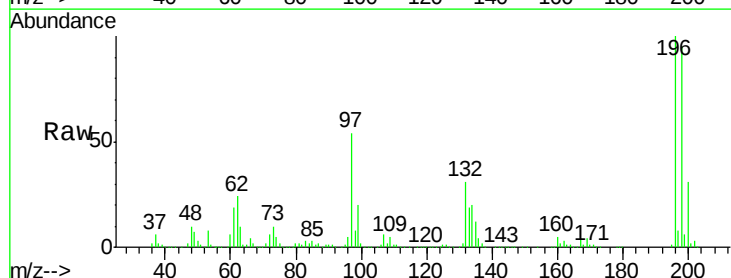
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

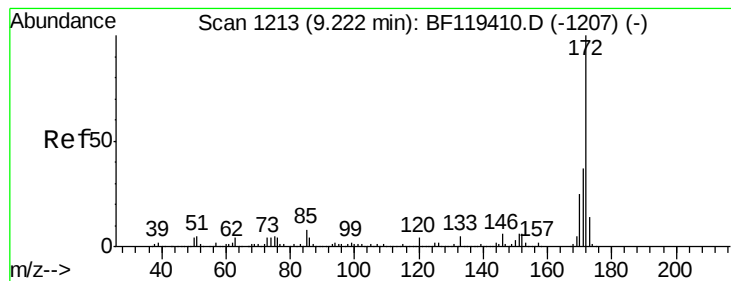
Tgt Ion:196 Resp: 800953
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.0 115.4
 200 31.5 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.60 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:196 Resp: 841361
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.3 112.9
 97 54.5 39.0 58.4
 132 31.2 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 58.47 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

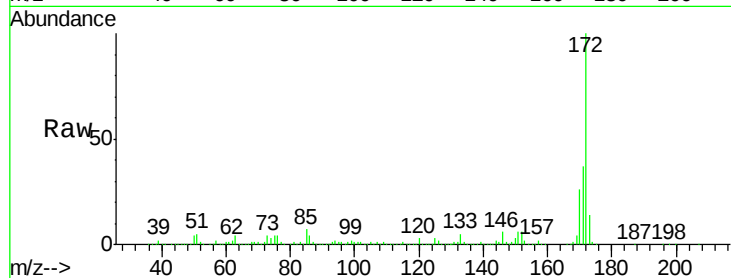
Tgt Ion:172 Resp: 3032568

Ion Ratio Lower Upper

172 100

171 37.3 29.9 44.9

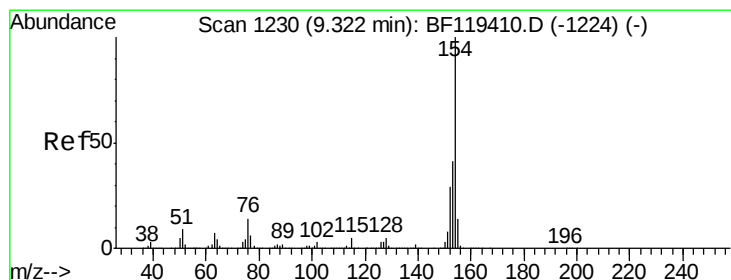
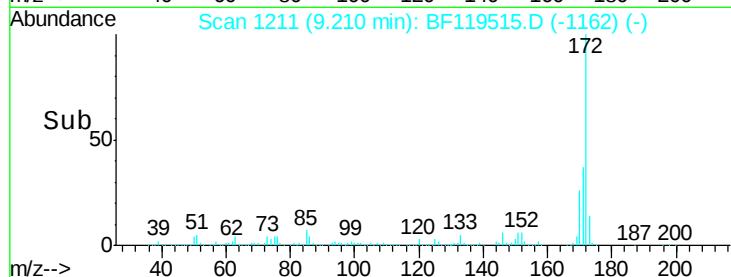
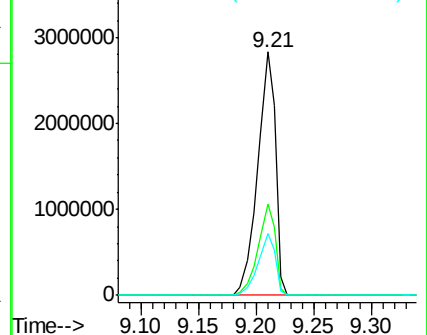
170 25.5 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.98 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

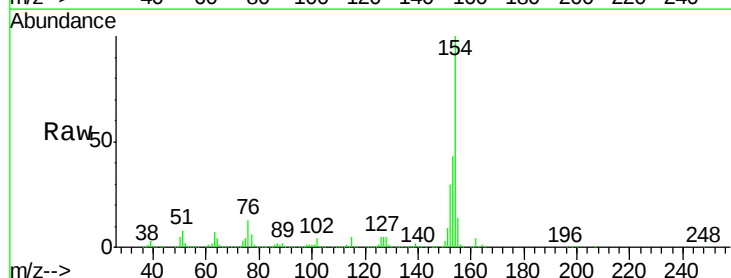
Tgt Ion:154 Resp: 2814815

Ion Ratio Lower Upper

154 100

153 43.2 21.4 61.4

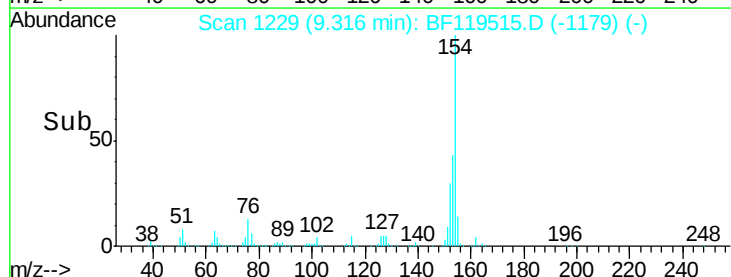
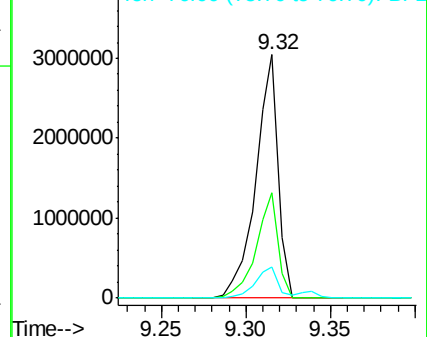
76 13.0 0.0 33.6

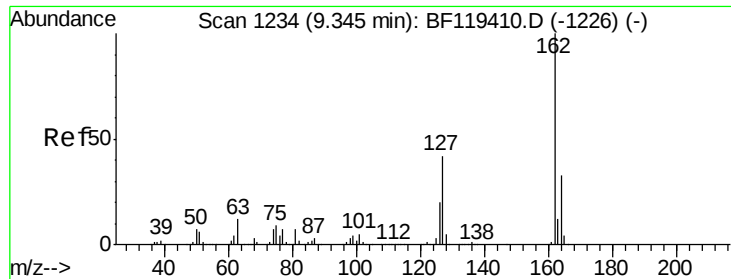


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

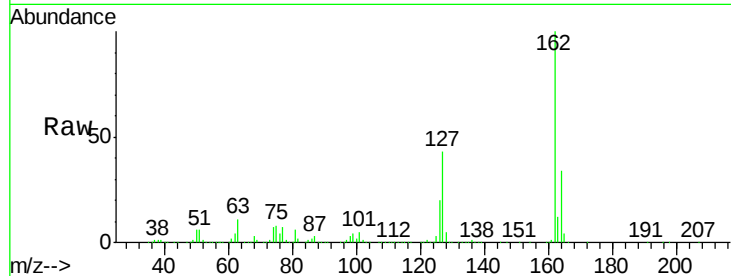




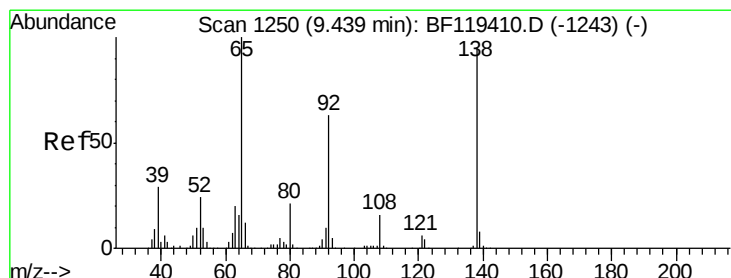
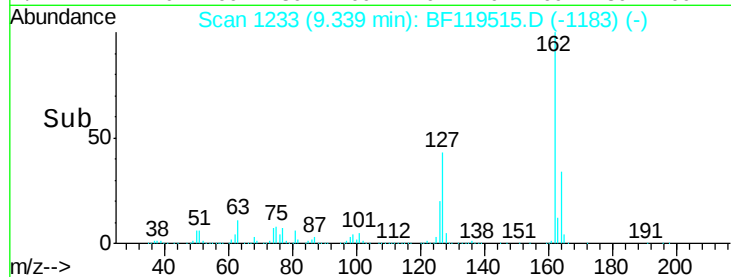
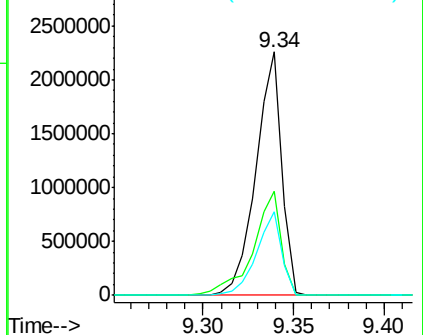
#47
 2-Chloronaphthalene
 Concen: 45.57 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

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

Tgt Ion: 162 Resp: 2233795
 Ion Ratio Lower Upper
 162 100
 127 42.5 33.7 50.5
 164 34.1 26.2 39.4

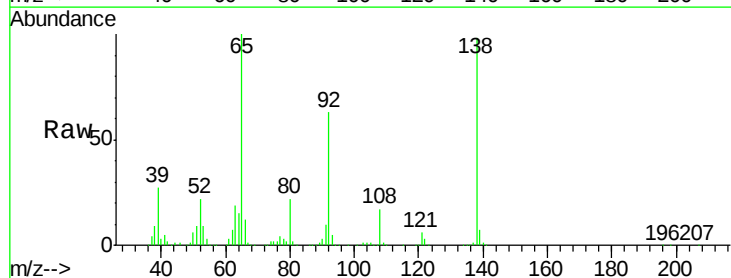


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

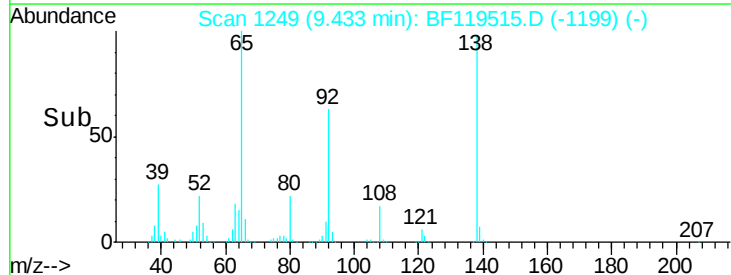
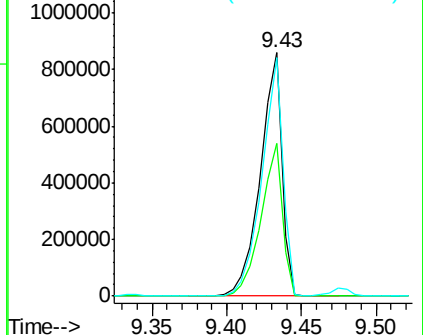


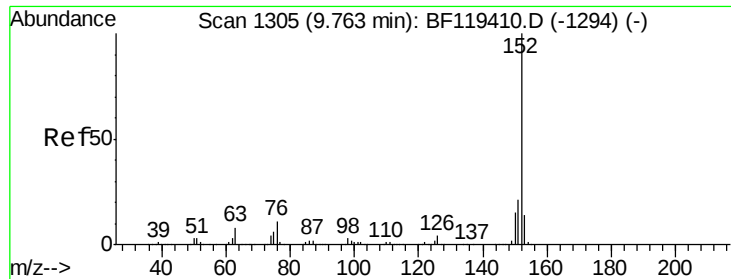
#48
 2-Nitroaniline
 Concen: 50.40 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion: 65 Resp: 852652
 Ion Ratio Lower Upper
 65 100
 92 62.8 50.5 75.7
 138 97.9 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: 45.20 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

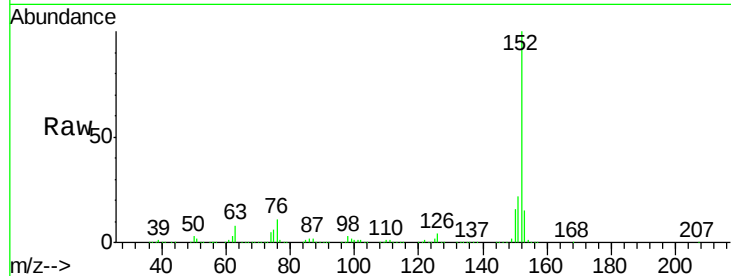
Tgt Ion:152 Resp: 3479035

Ion Ratio Lower Upper

152 100

151 21.9 16.8 25.2

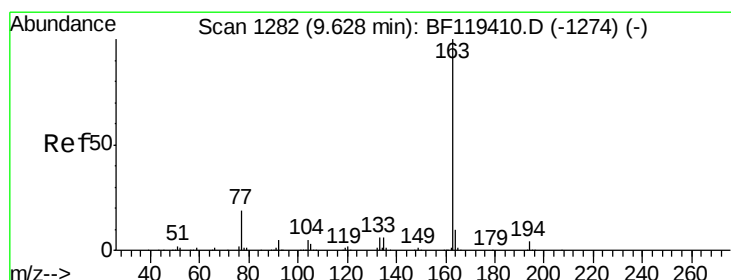
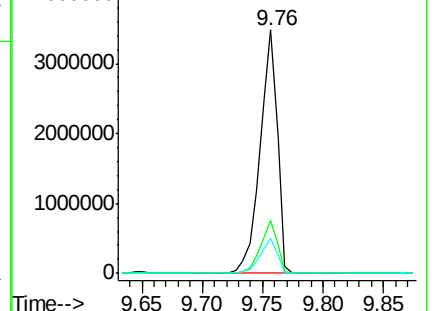
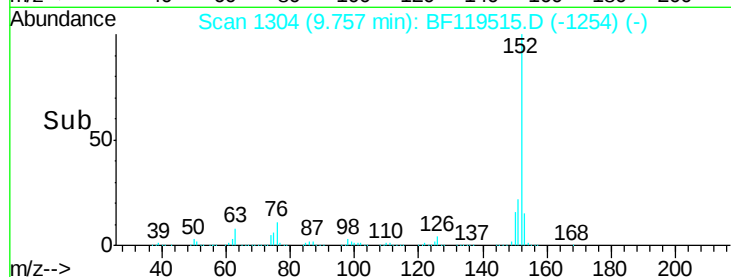
153 14.5 11.2 16.8



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: 56.78 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

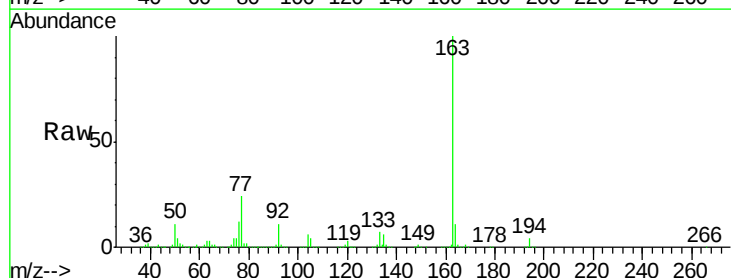
Tgt Ion:163 Resp: 3098739

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

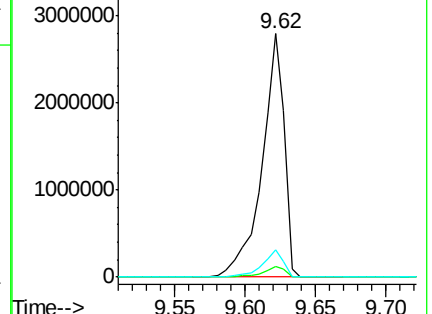
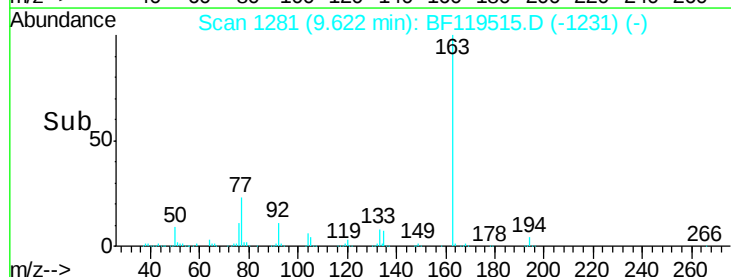
164 11.1 8.1 12.1

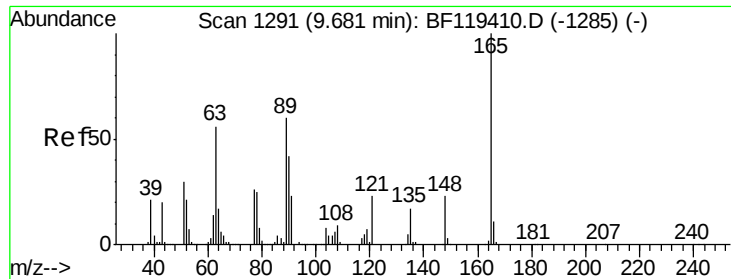


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

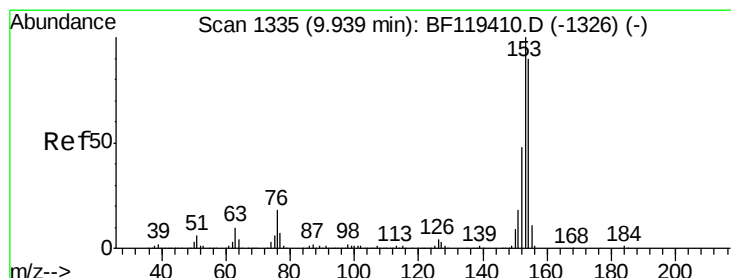
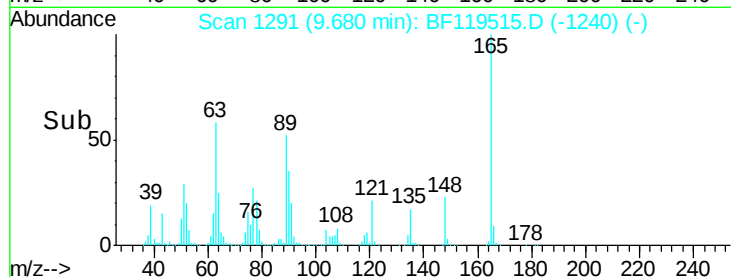
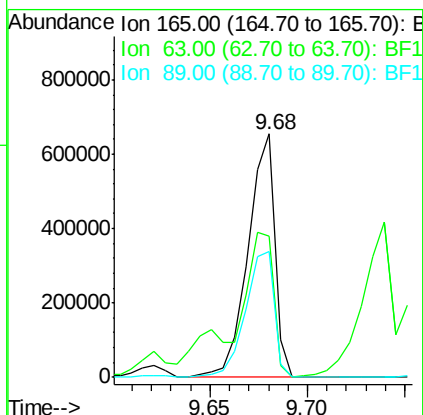
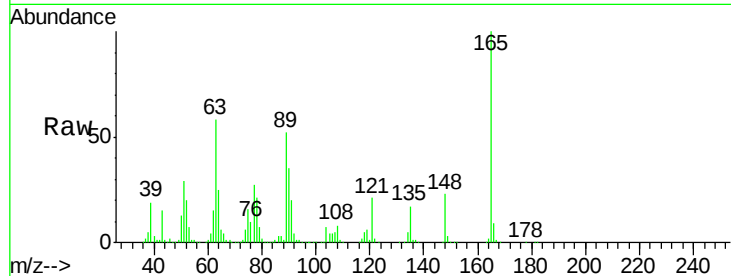




#51
 2,6-Dinitrotoluene
 Concen: 53.39 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

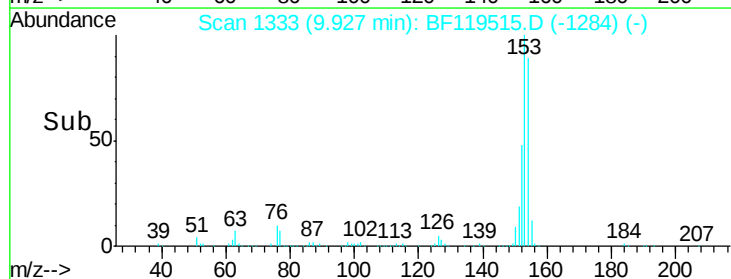
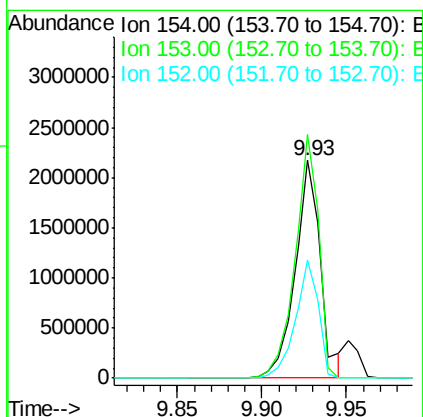
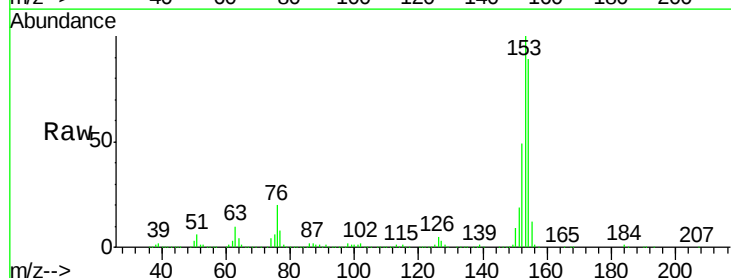
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

Tgt Ion:165 Resp: 624524
 Ion Ratio Lower Upper
 165 100
 63 58.0 57.3 85.9
 89 51.8 47.8 71.8



#52
 Acenaphthene
 Concen: 46.72 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:154 Resp: 2241935
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.0 133.6
 152 54.4 43.1 64.7

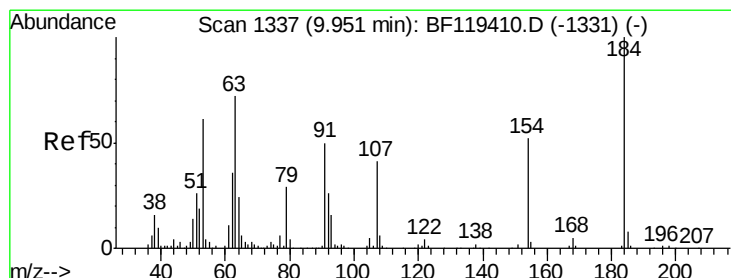
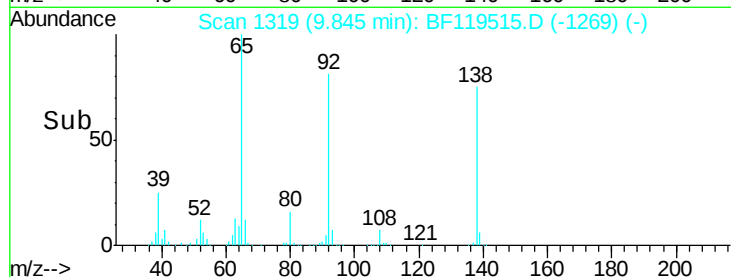
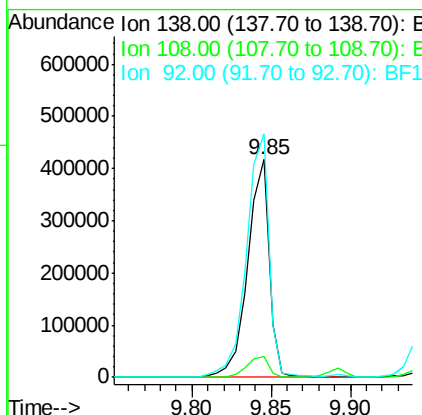
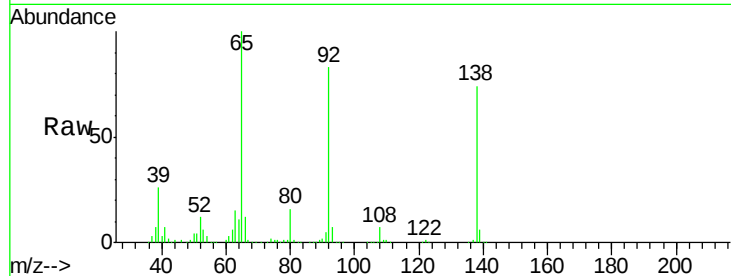




#53
3-Nitroaniline
Concen: 26.71 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

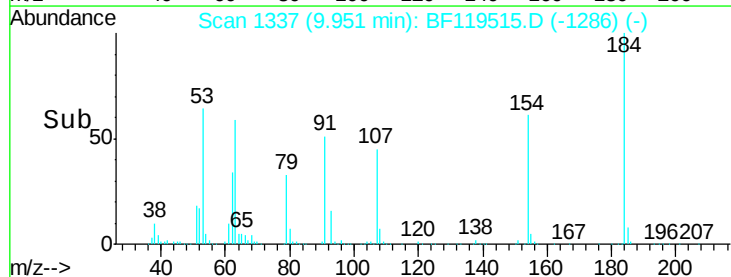
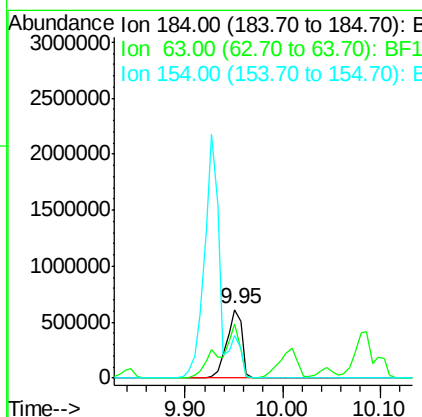
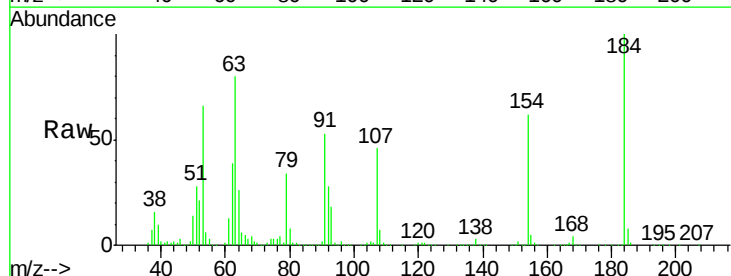
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

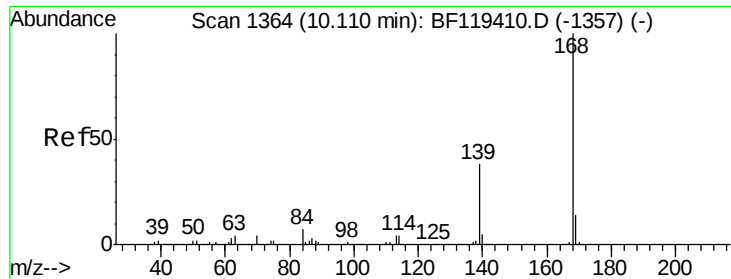
Tgt Ion:138 Resp: 394471
Ion Ratio Lower Upper
138 100
108 9.7 9.0 13.6
92 112.0 93.2 139.8



#54
2,4-Dinitrophenol
Concen: 126.04 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:184 Resp: 661259
Ion Ratio Lower Upper
184 100
63 79.8 58.5 87.7
154 61.6 51.8 77.6

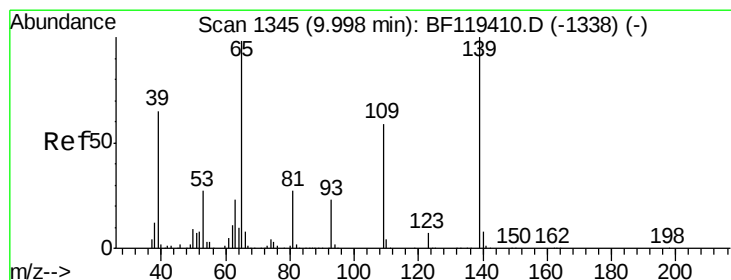
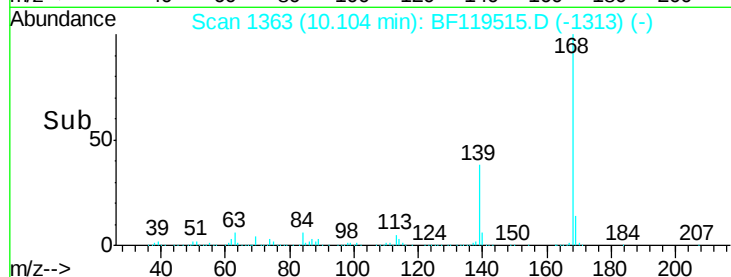
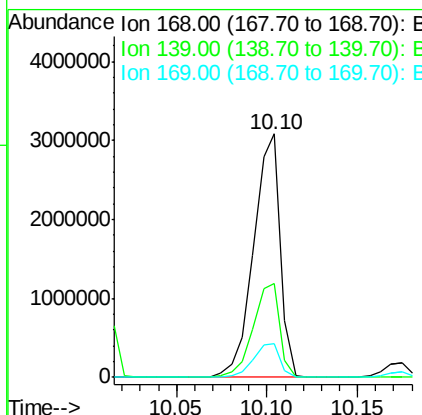
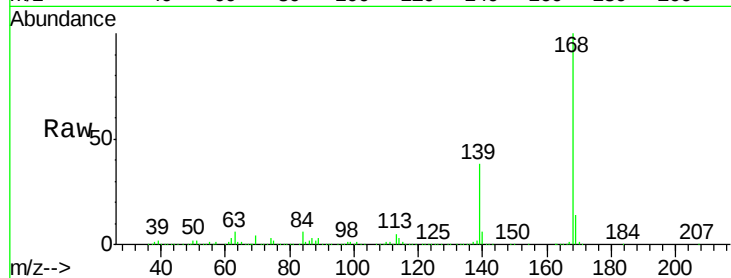




#55
Dibenzofuran
Concen: 45.66 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

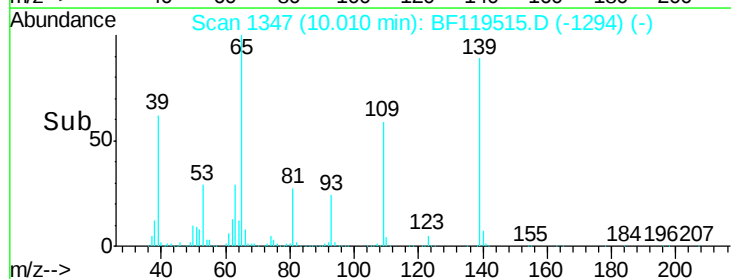
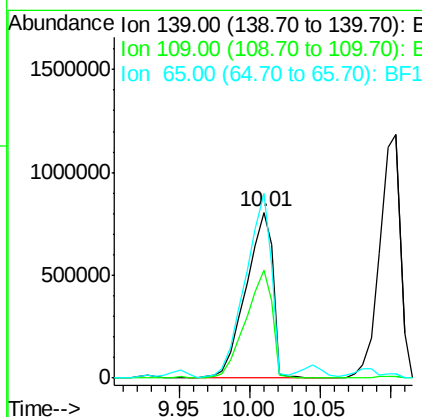
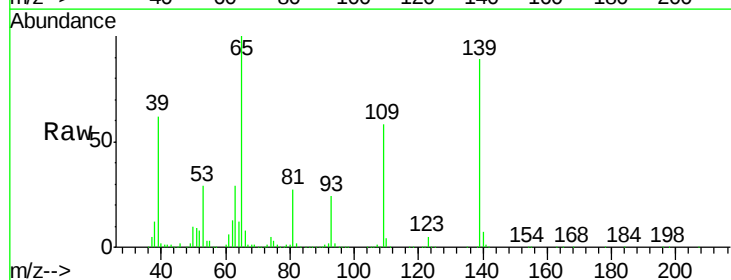
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

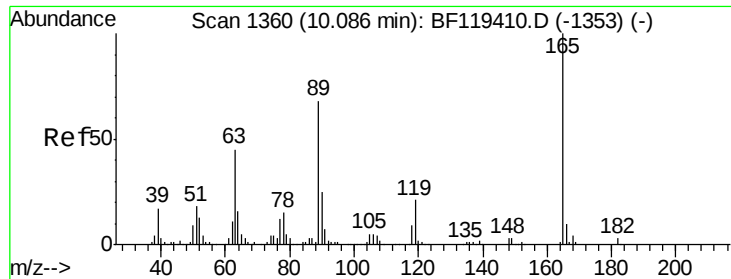
Tgt Ion:168 Resp: 3141230
Ion Ratio Lower Upper
168 100
139 38.4 30.2 45.4
169 14.0 11.1 16.7



#56
4-Nitrophenol
Concen: 92.41 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:139 Resp: 1076593
Ion Ratio Lower Upper
139 100
109 65.4 39.6 79.6
65 111.8 78.3 118.3

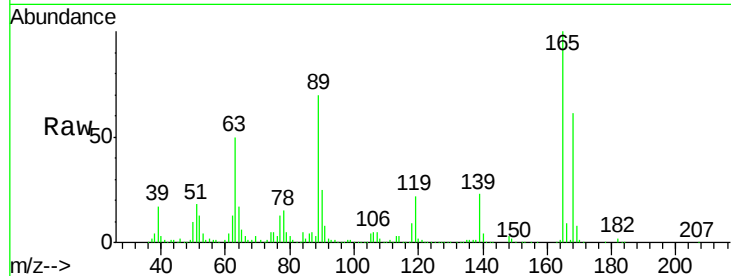




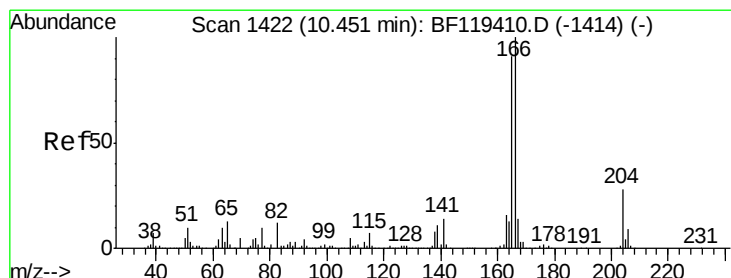
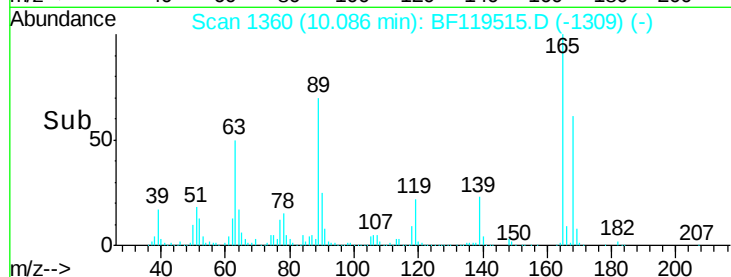
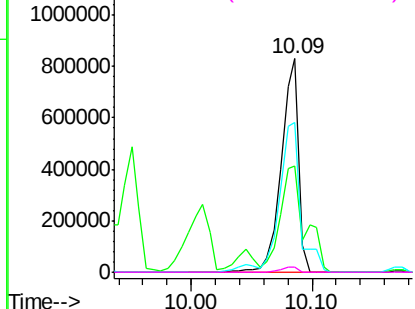
#57
 2,4-Dinitrotoluene
 Concen: 55.62 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

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

Tgt Ion:	165	Resp:	819634
Ion	Ratio	Lower	Upper
165	100		
63	49.8	36.2	54.4
89	70.0	54.3	81.5
182	2.5	2.0	3.0

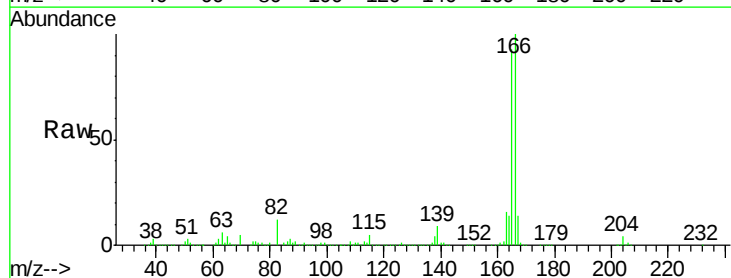


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

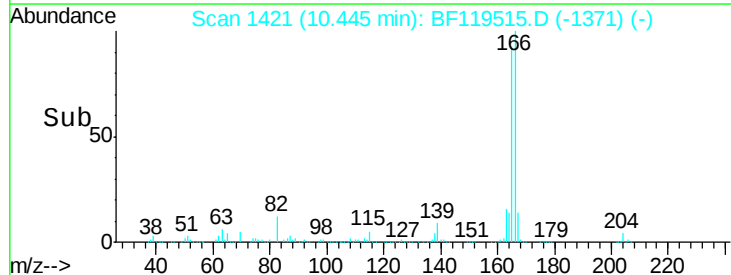
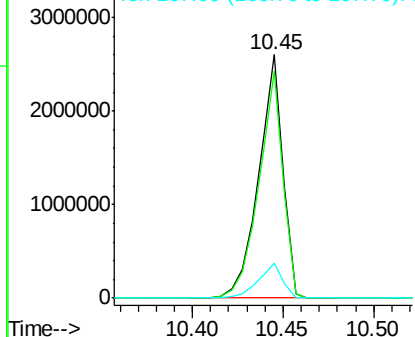


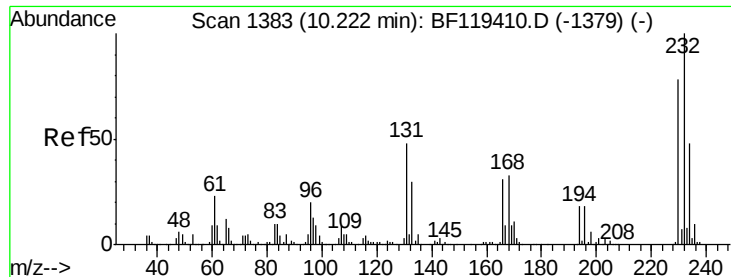
#58
 Fluorene
 Concen: 47.41 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:	166	Resp:	2412357
Ion	Ratio	Lower	Upper
166	100		
165	93.2	73.1	109.7
167	14.5	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

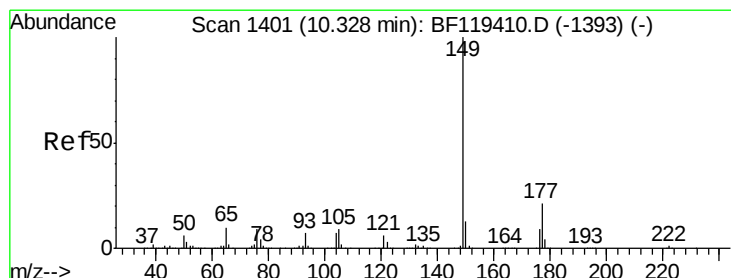
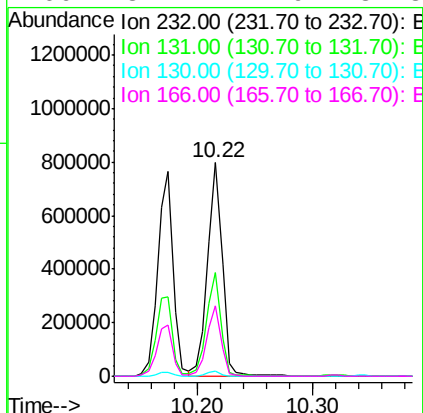
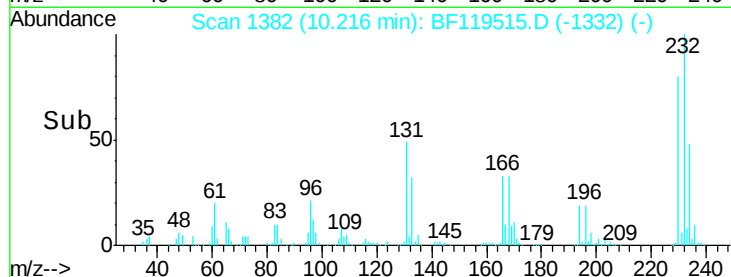
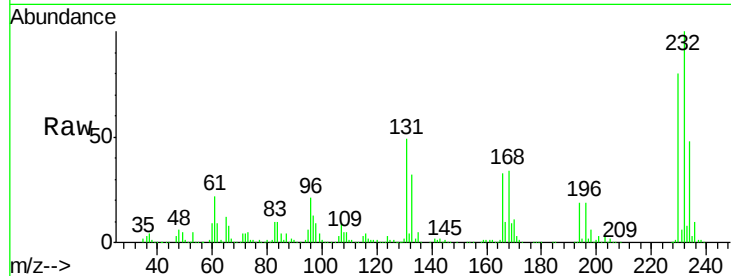




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.66 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

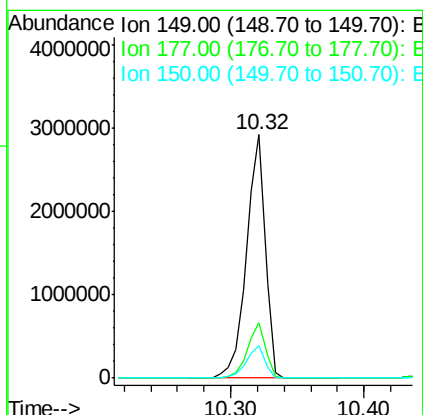
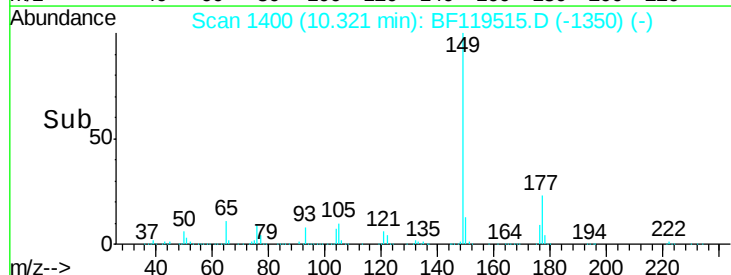
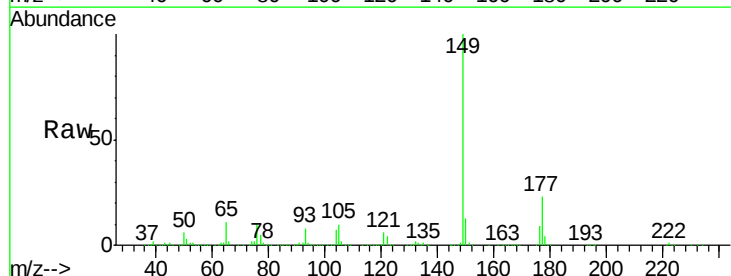
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

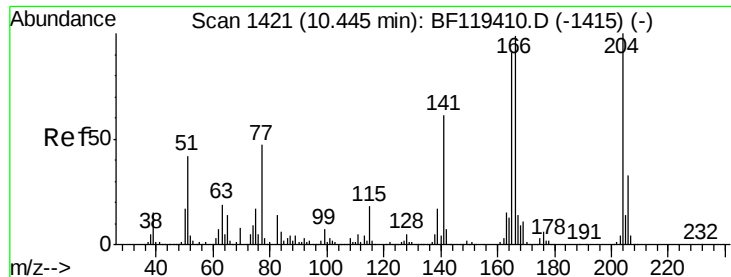
Tgt Ion:232 Resp: 710622
 Ion Ratio Lower Upper
 232 100
 131 47.1 36.3 54.5
 130 2.3 1.8 2.6
 166 31.7 24.9 37.3



#60
 Diethylphthalate
 Concen: 50.73 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:149 Resp: 2810118
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.0 25.6
 150 13.4 10.2 15.4

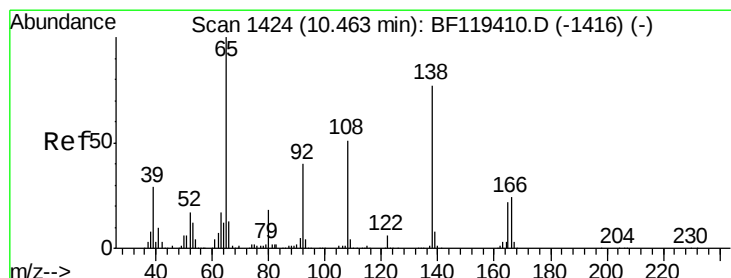
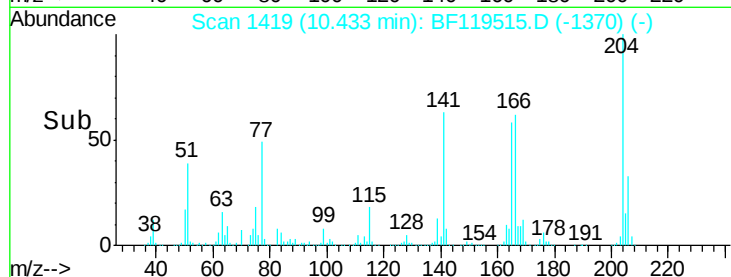
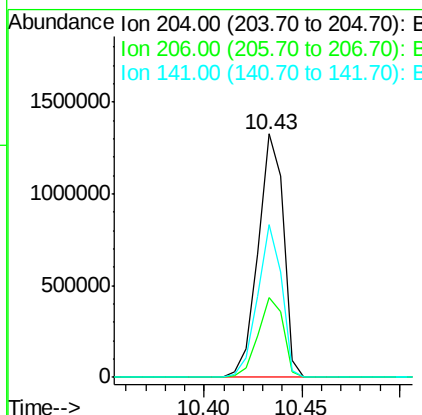
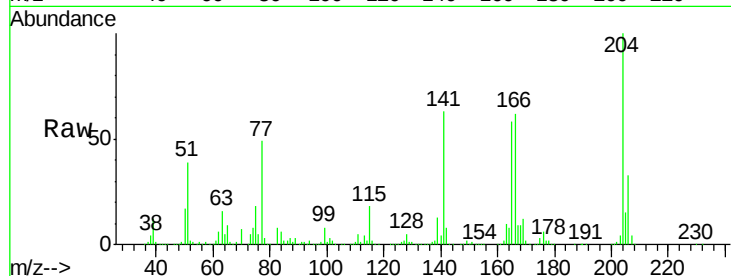




#61
4-Chlorophenyl-phenylether
Concen: 47.94 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

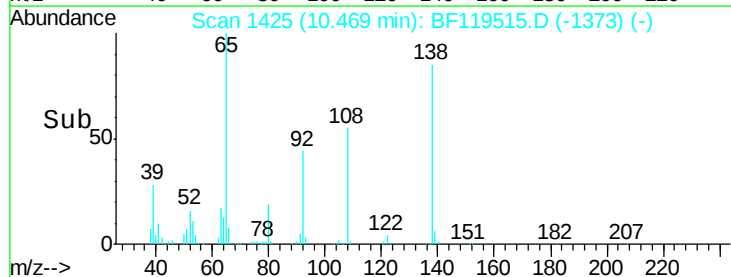
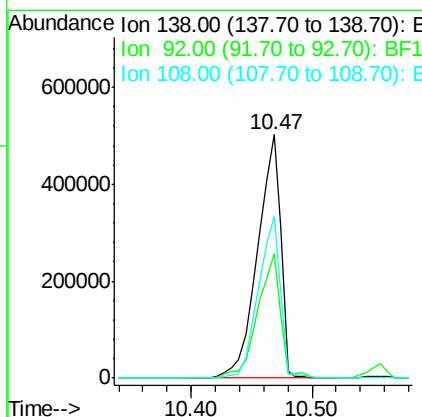
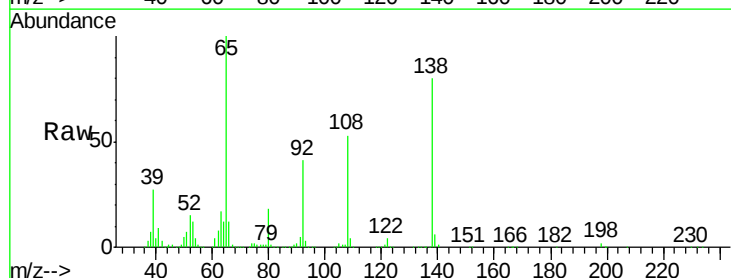
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

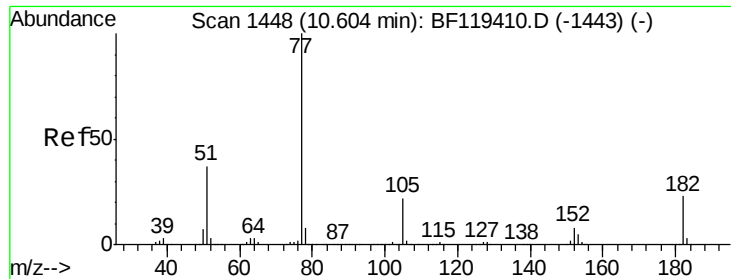
Tgt Ion:204 Resp: 1192699
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 62.9 48.8 73.2



#62
4-Nitroaniline
Concen: 47.50 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:138 Resp: 672706
Ion Ratio Lower Upper
138 100
92 51.4 32.0 72.0
108 66.6 46.0 86.0

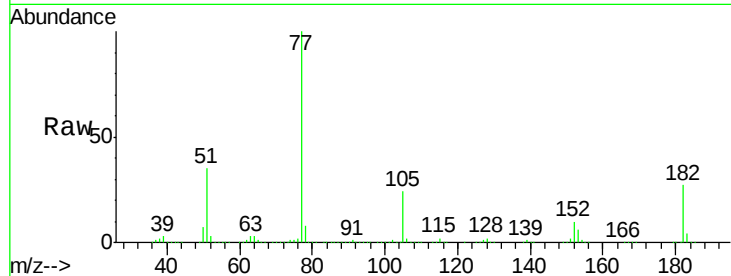




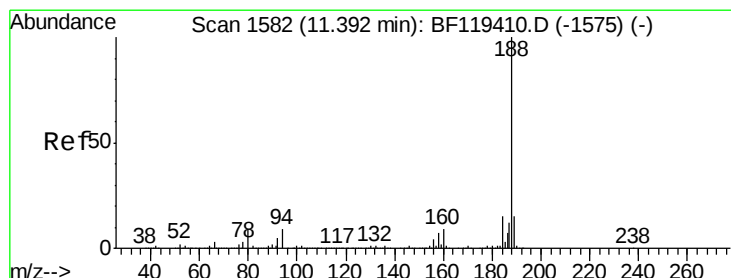
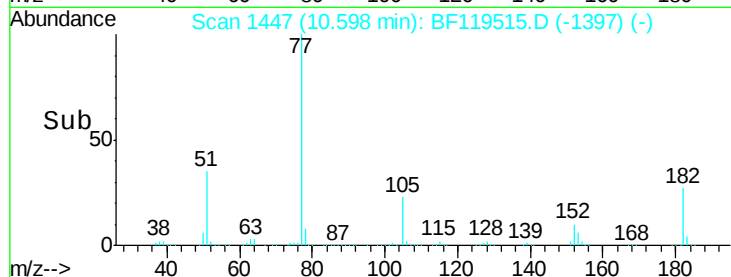
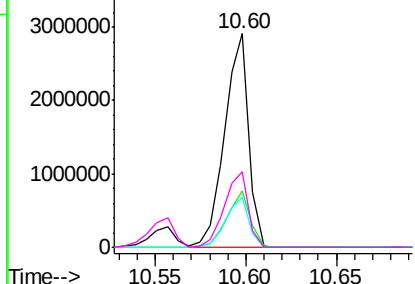
#63
Azobenzene
Concen: 47.71 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

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

Tgt Ion: 77 Resp: 2661121
Ion Ratio Lower Upper
77 100
182 26.5 2.5 42.5
105 23.5 2.5 42.5
51 35.4 17.1 57.1

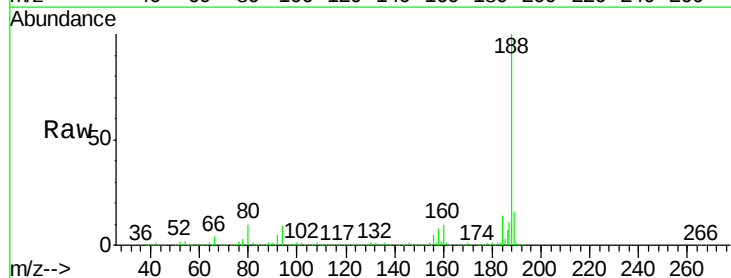


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

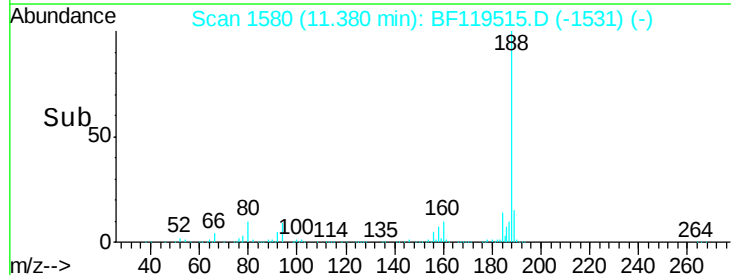
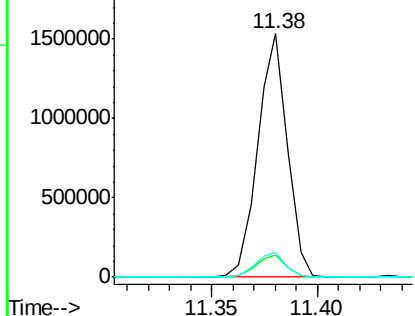


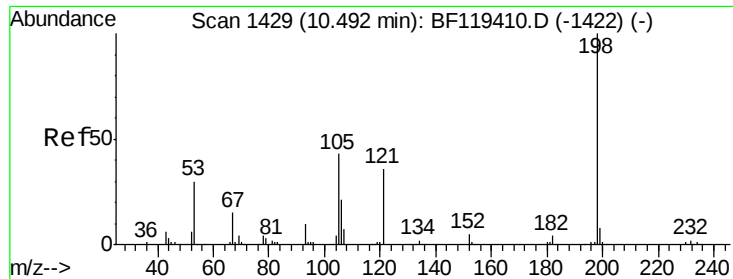
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion: 188 Resp: 1489403
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.9 7.5 11.3



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

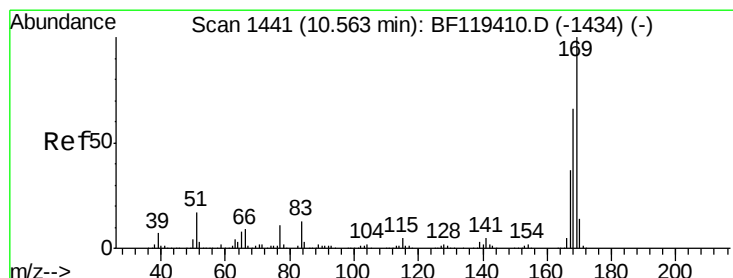
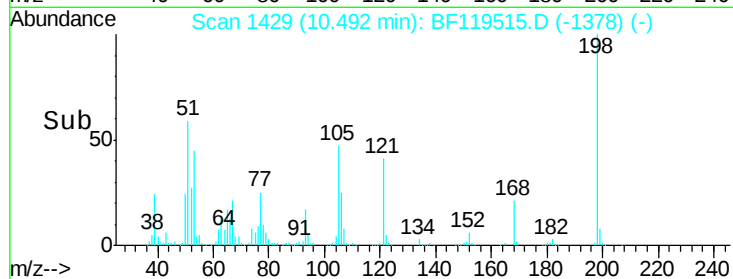
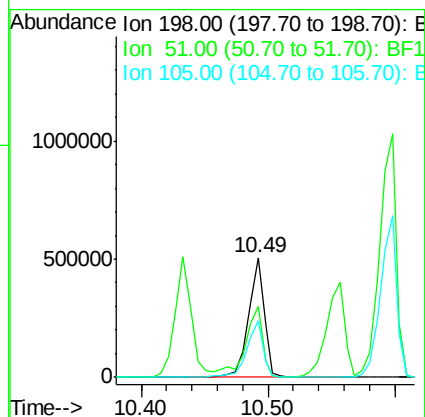
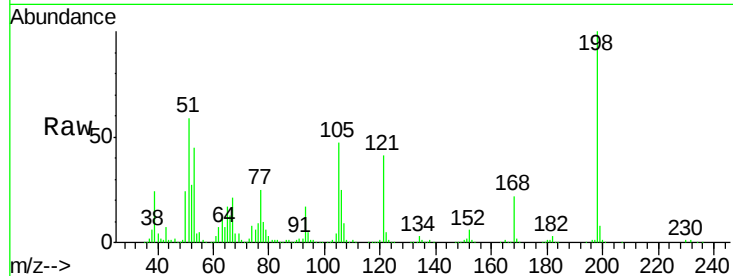




#65
 4,6-Dinitro-2-methylphenol
 Concen: 69.26 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

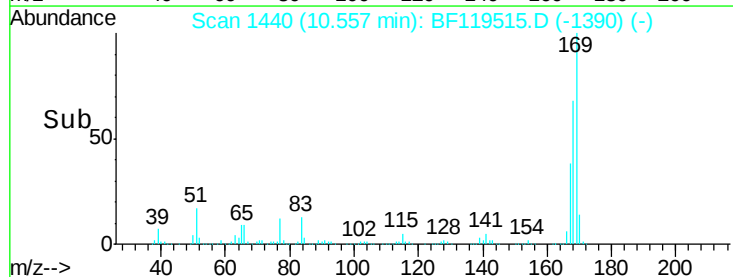
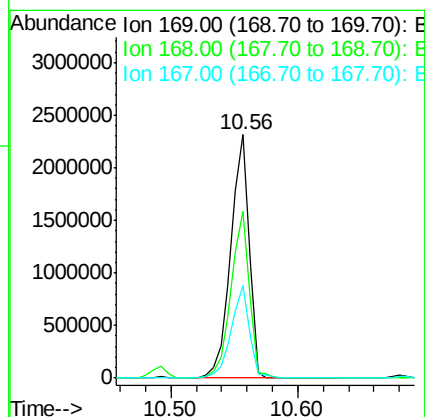
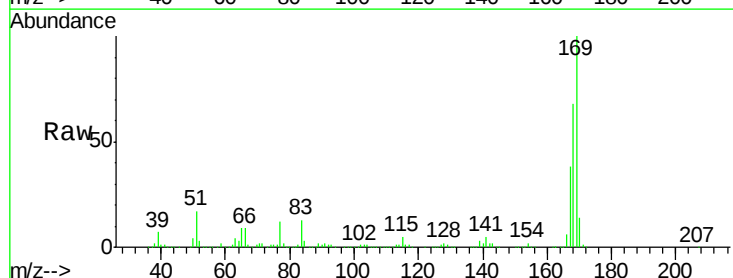
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

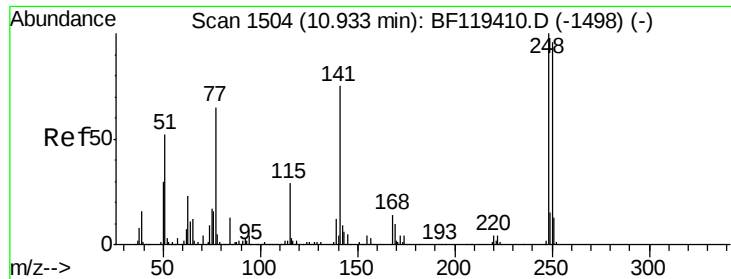
Tgt Ion:198 Resp: 432562
 Ion Ratio Lower Upper
 198 100
 51 59.1 33.1 73.1
 105 46.9 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 47.20 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:169 Resp: 2307958
 Ion Ratio Lower Upper
 169 100
 168 68.4 52.7 79.1
 167 38.1 29.3 43.9

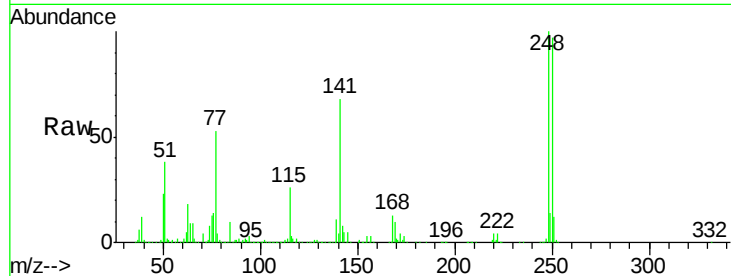




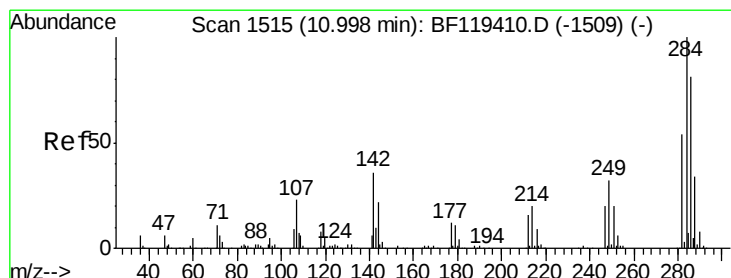
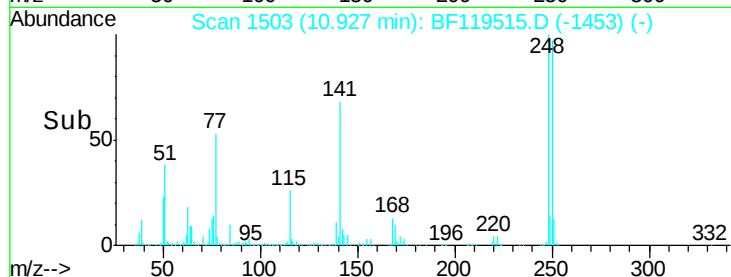
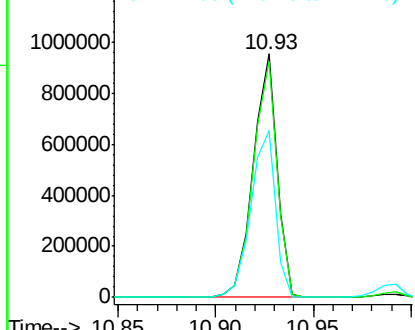
#67
4-Bromophenyl-phenylether
Concen: 47.75 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

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

Tgt Ion:248 Resp: 810034
Ion Ratio Lower Upper
248 100
250 97.0 77.0 115.6
141 68.4 59.7 89.5

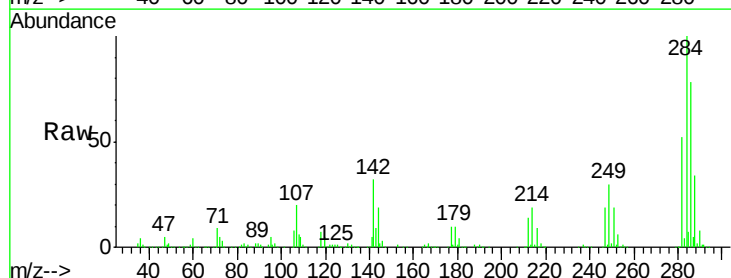


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

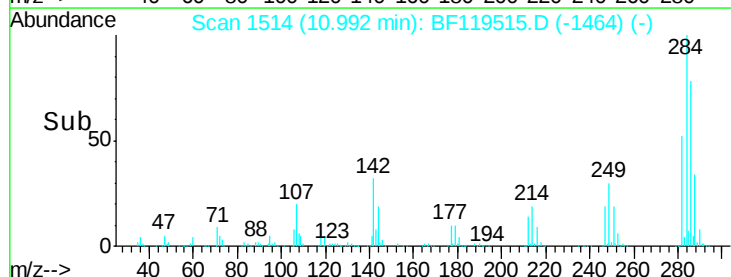
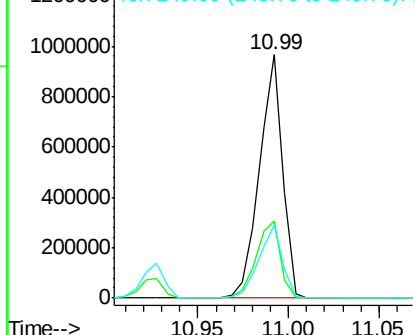


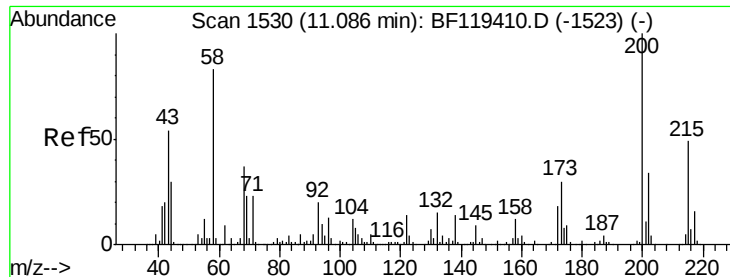
#68
Hexachlorobenzene
Concen: 49.47 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:284 Resp: 858850
Ion Ratio Lower Upper
284 100
142 31.7 28.7 43.1
249 30.4 25.4 38.0



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





#69

Atrazine

Concen: 52.94 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

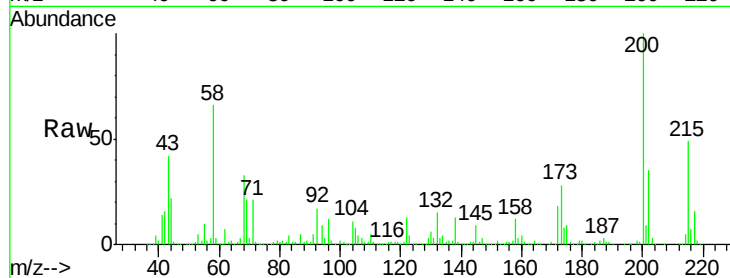
Tgt Ion:200 Resp: 709659

Ion Ratio Lower Upper

200 100

173 28.4 9.9 49.9

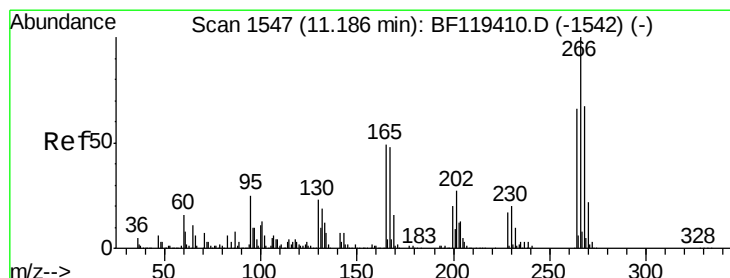
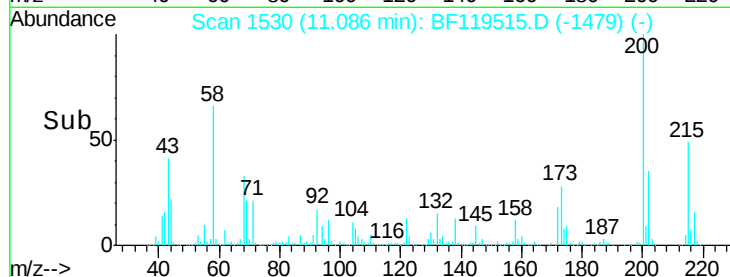
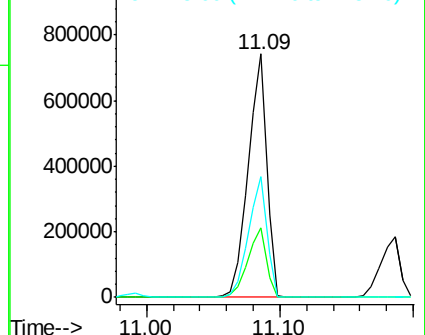
215 49.3 29.4 69.4



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: 95.33 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

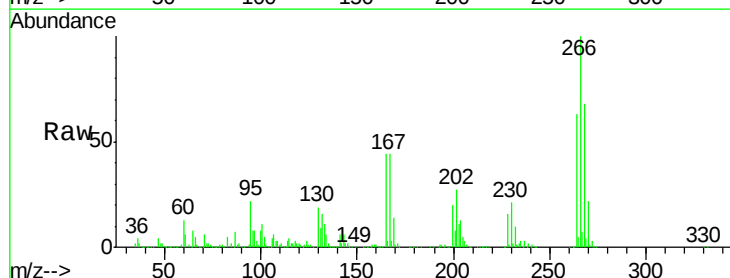
Tgt Ion:266 Resp: 970380

Ion Ratio Lower Upper

266 100

268 67.9 53.7 80.5

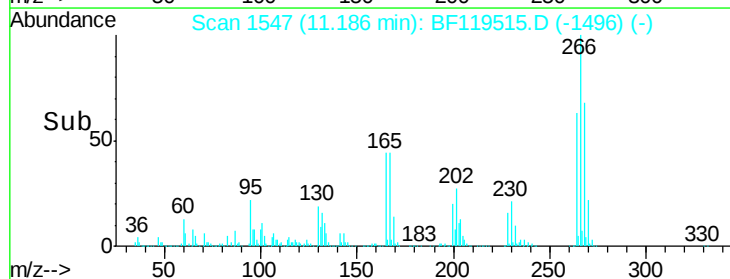
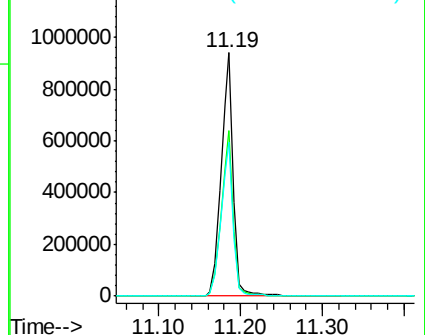
264 63.1 52.5 78.7

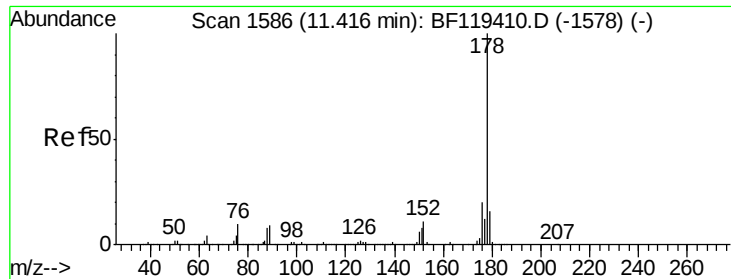


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.51 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

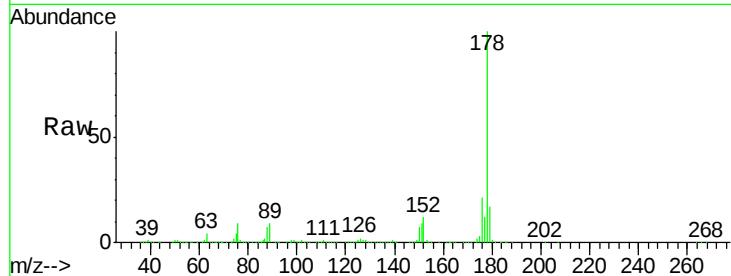
Tgt Ion:178 Resp: 3437305

Ion Ratio Lower Upper

178 100

176 21.3 16.2 24.4

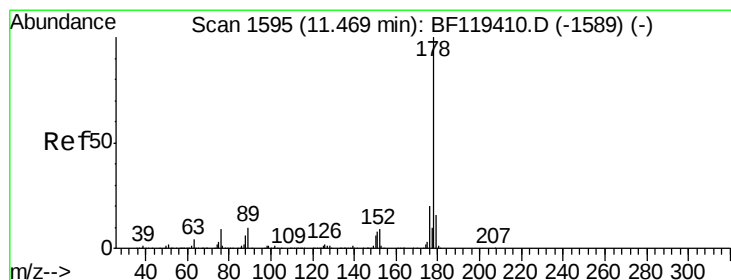
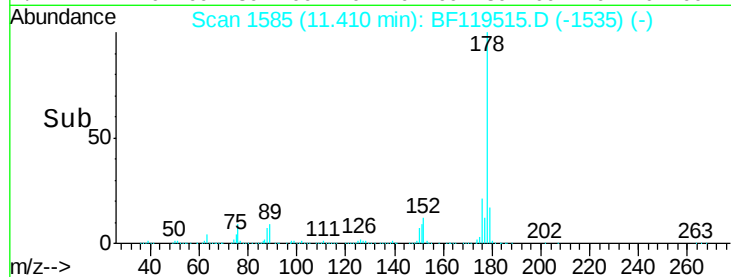
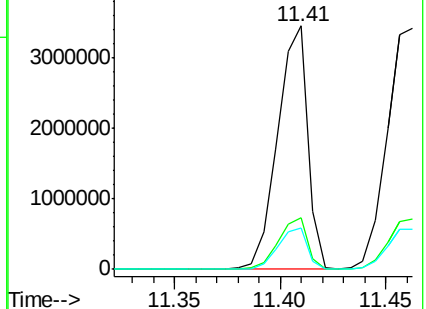
179 16.8 12.9 19.3



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: 45.34 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

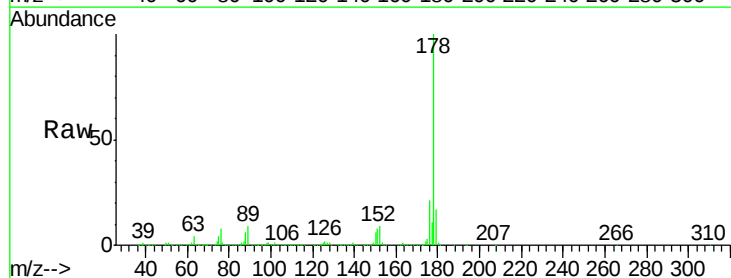
Tgt Ion:178 Resp: 3558830

Ion Ratio Lower Upper

178 100

176 20.6 15.6 23.4

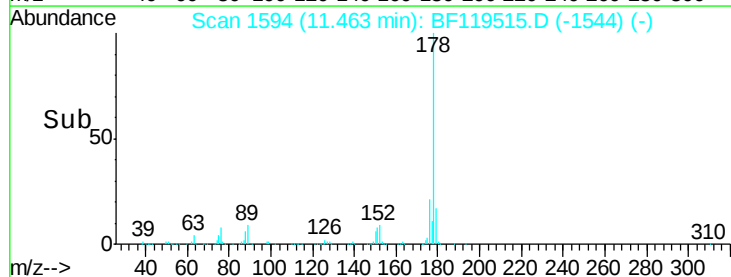
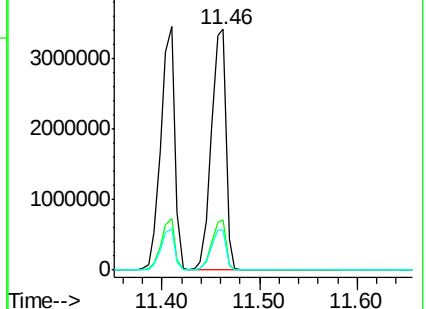
179 16.9 13.1 19.7

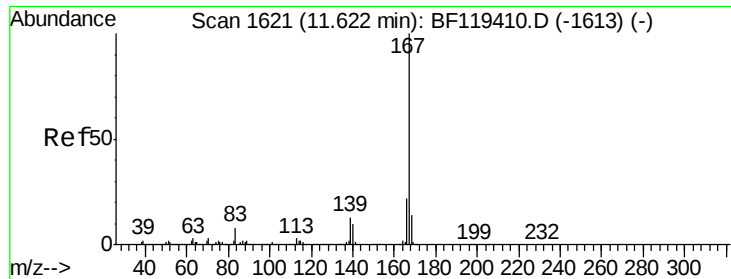


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

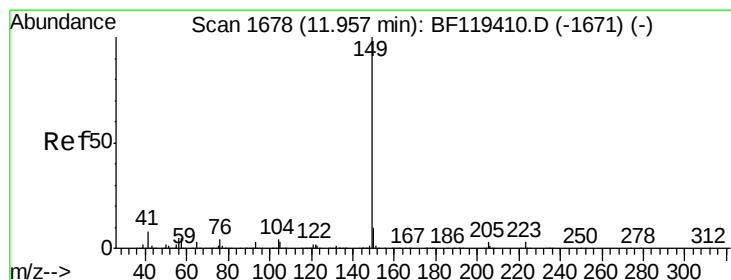
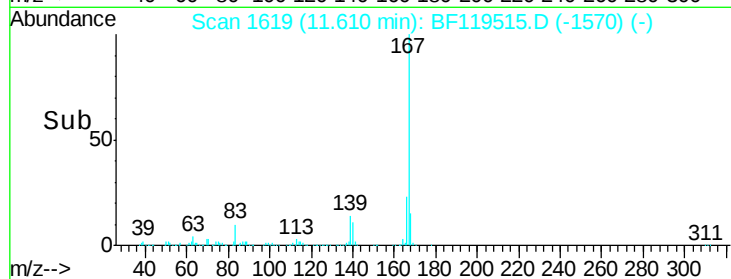
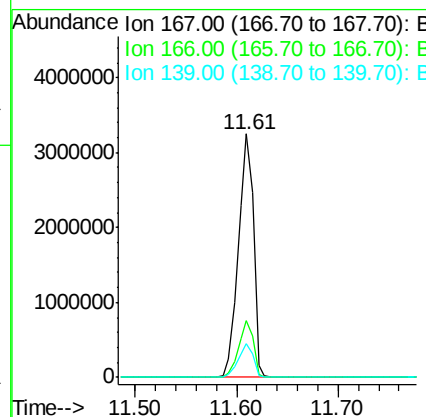
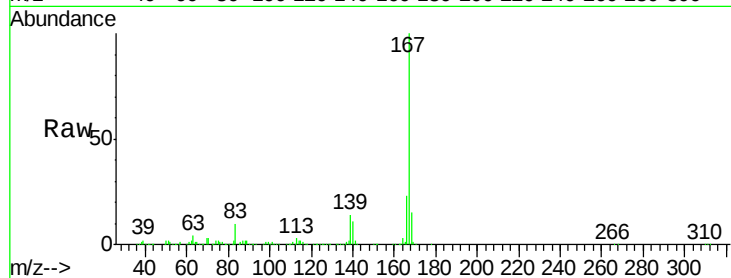




#73
 Carbazole
 Concen: 43.20 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

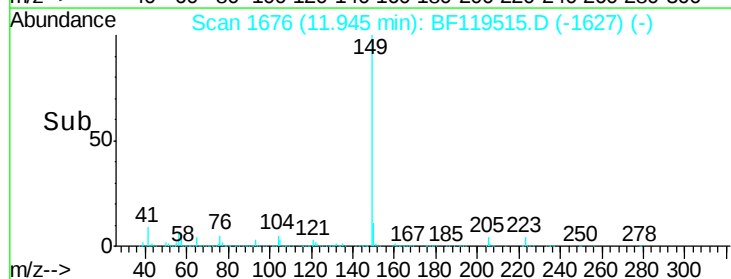
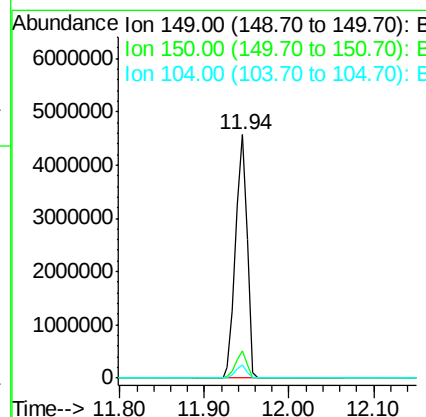
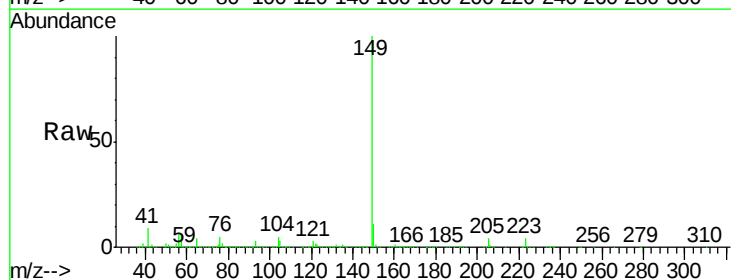
Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)MSD

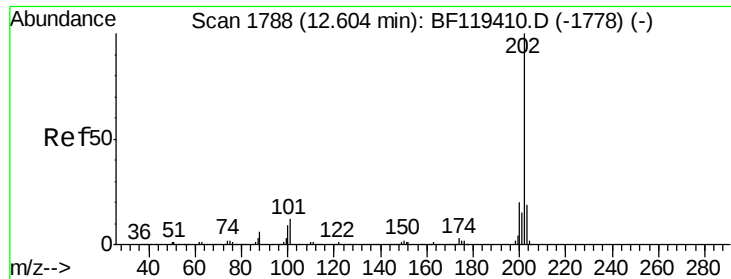
Tgt Ion:167 Resp: 3355995
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.8 26.6
 139 14.0 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 51.17 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119515.D
 Acq: 25 Mar 2020 21:02

Tgt Ion:149 Resp: 4252983
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.6 11.4
 104 5.4 3.5 5.3#





#75

Fluoranthene

Concen: 44.09 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

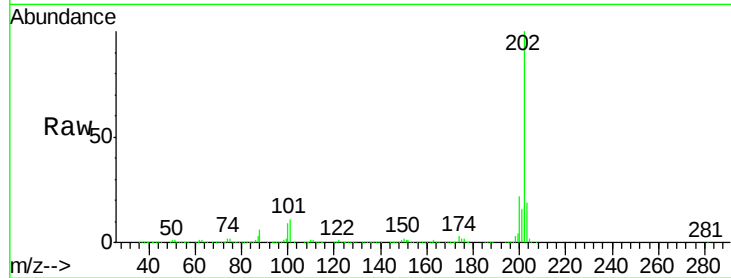
Tgt Ion:202 Resp: 3684721

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.4

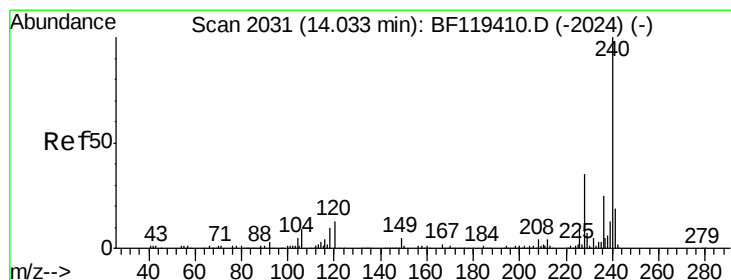
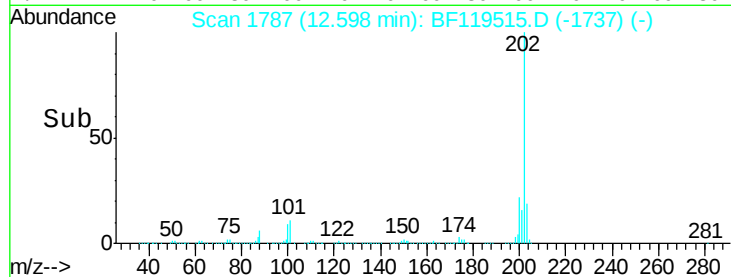
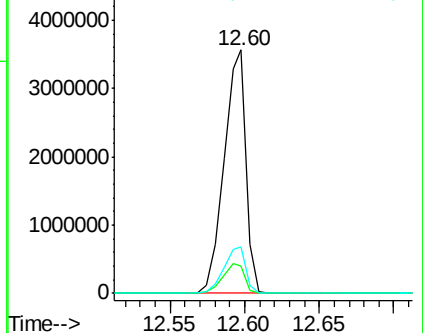
203 19.1 0.0 38.5



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

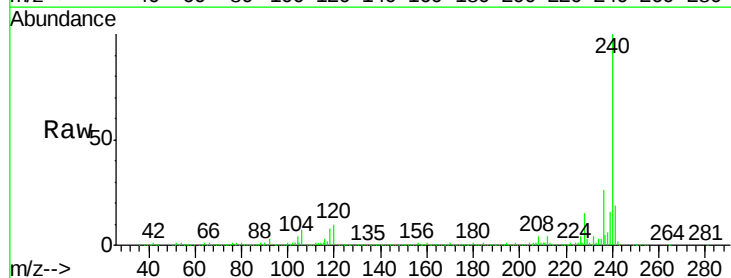
Tgt Ion:240 Resp: 1004393

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

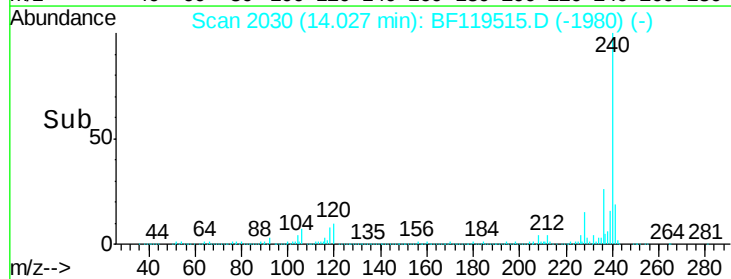
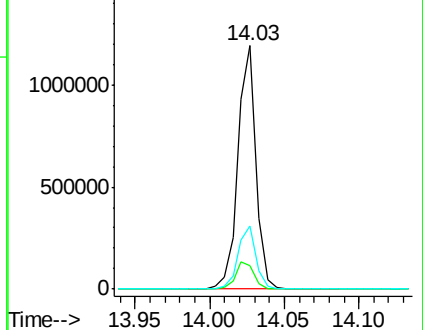
236 25.8 20.4 30.6

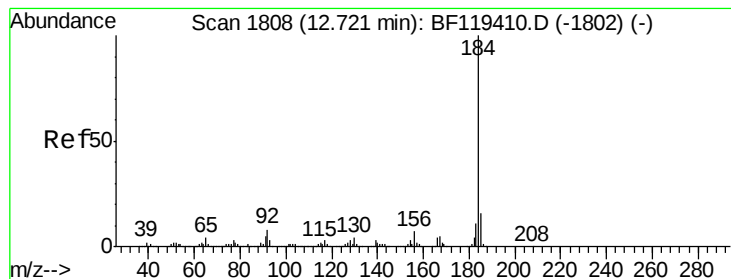


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.01 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

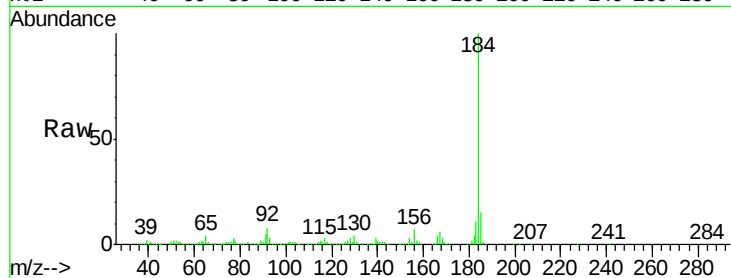
Tgt Ion:184 Resp: 2253296

Ion Ratio Lower Upper

184 100

185 15.4 12.9 19.3

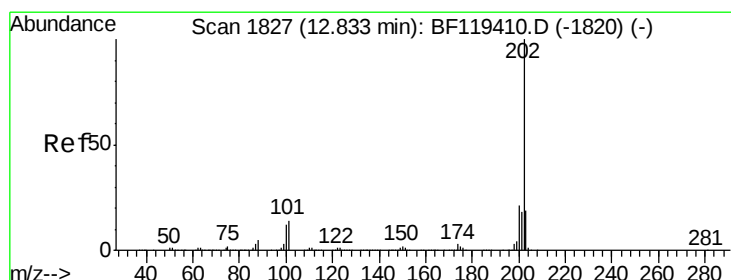
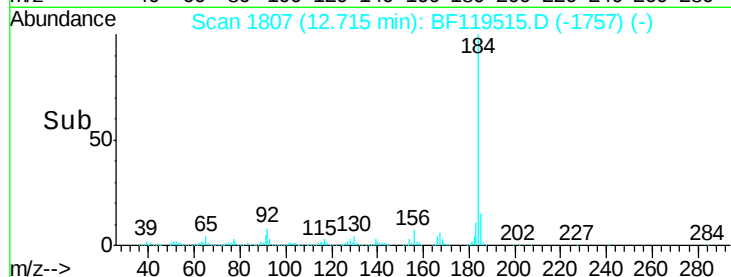
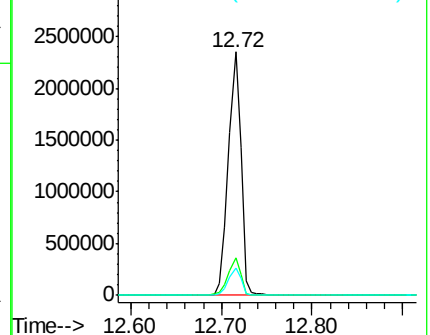
183 11.2 9.0 13.4



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: 44.87 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

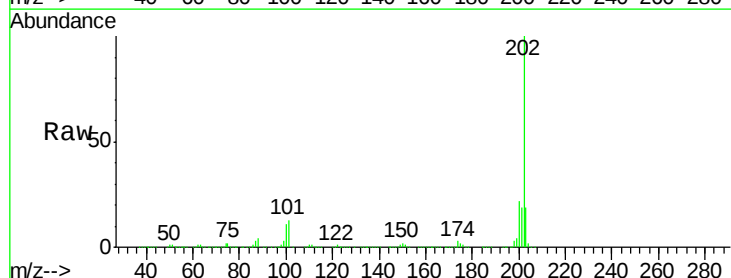
Tgt Ion:202 Resp: 3698338

Ion Ratio Lower Upper

202 100

200 22.3 16.8 25.2

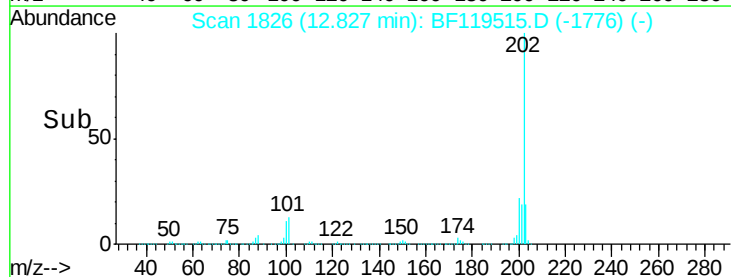
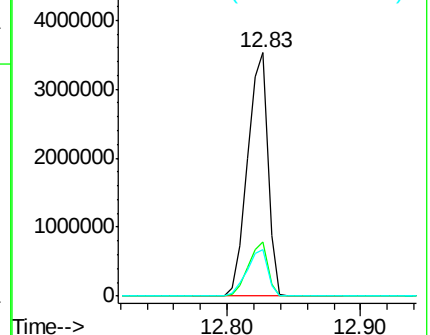
203 18.9 14.8 22.2



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: 66.25 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

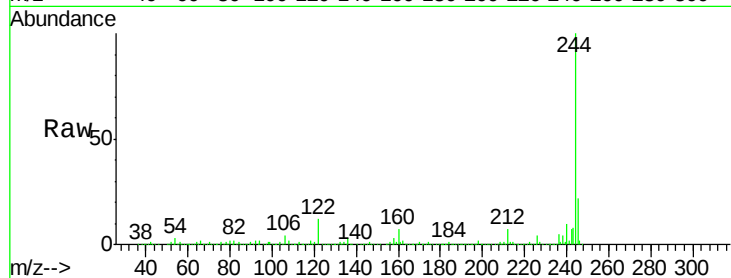
Tgt Ion:244 Resp: 3396319

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

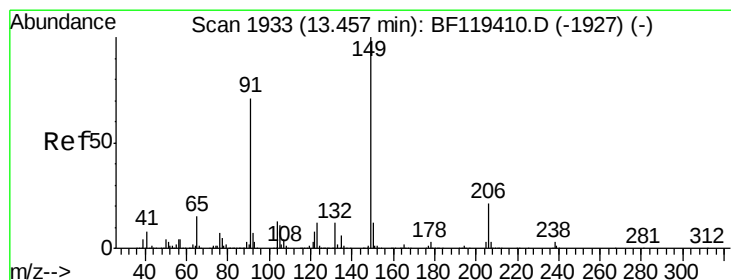
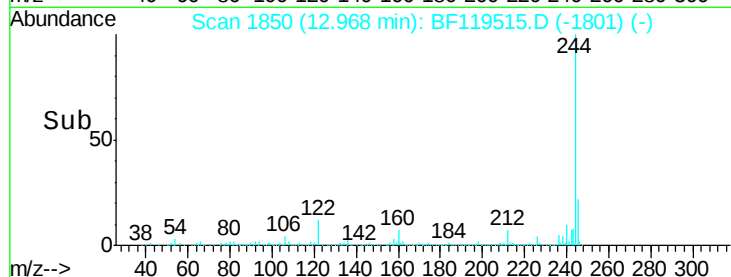
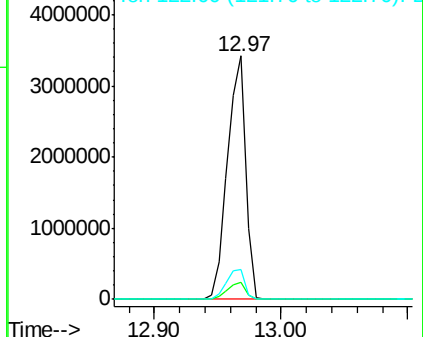
122 12.0 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.84 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

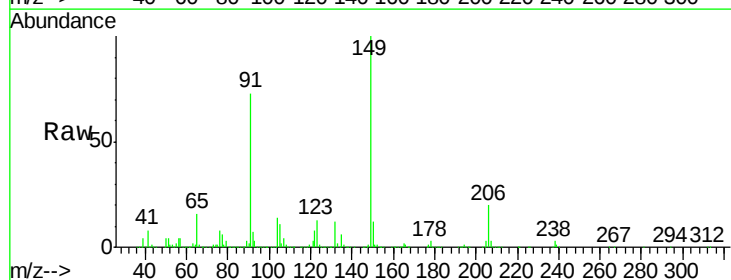
Tgt Ion:149 Resp: 1928248

Ion Ratio Lower Upper

149 100

91 73.4 57.0 85.6

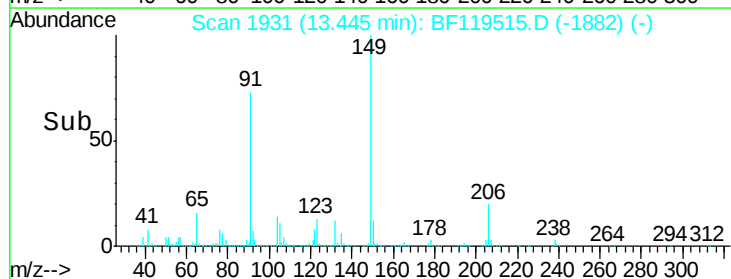
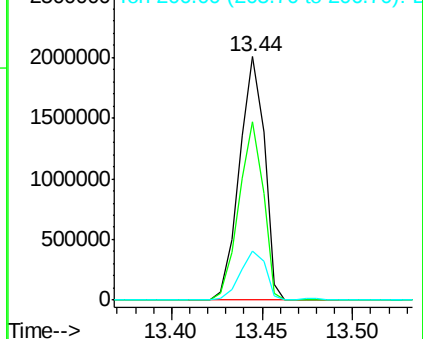
206 20.0 16.4 24.6

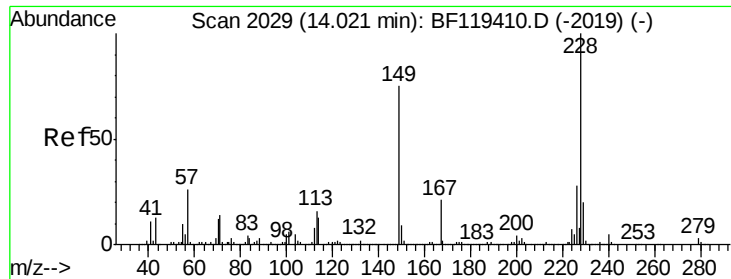


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.10 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

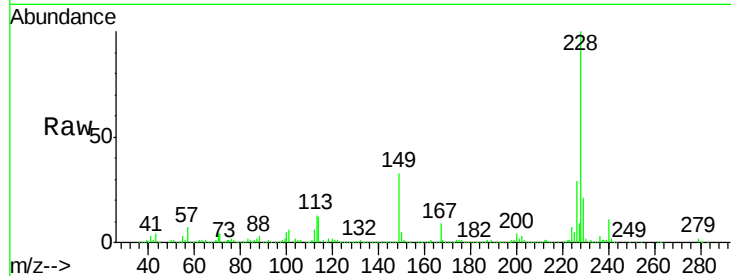
Tgt Ion:228 Resp: 2880480

Ion Ratio Lower Upper

228 100

226 29.3 22.3 33.5

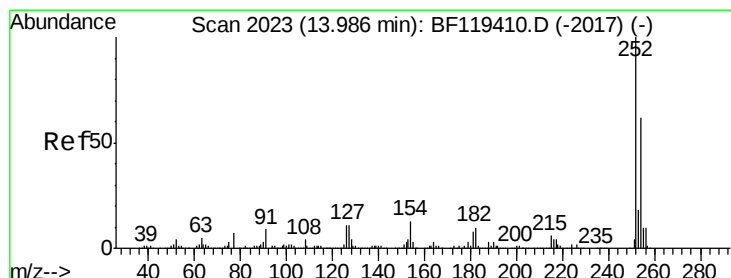
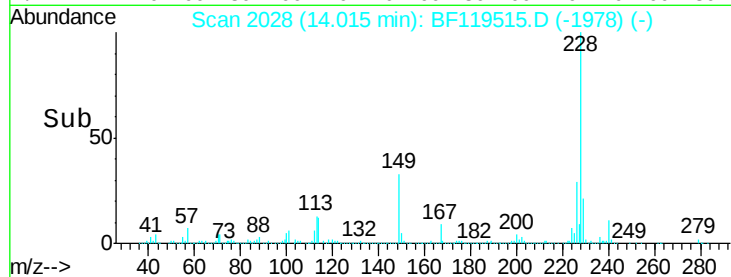
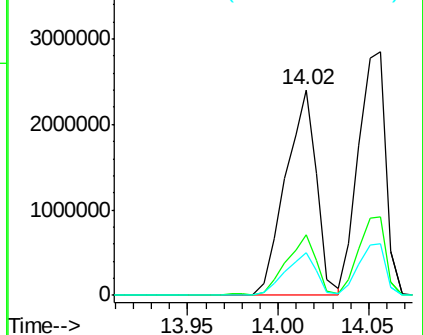
229 20.9 16.3 24.5



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: 33.68 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

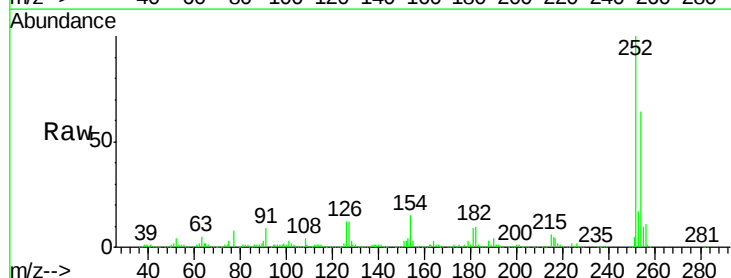
Tgt Ion:252 Resp: 867366

Ion Ratio Lower Upper

252 100

254 64.1 49.8 74.8

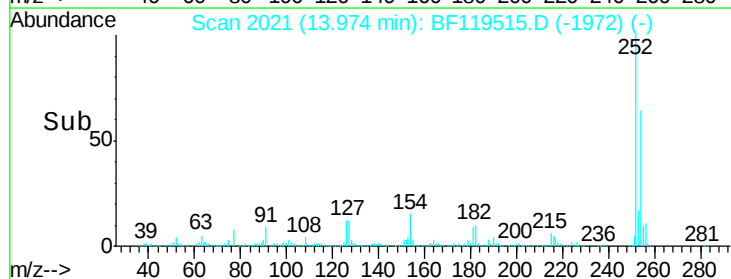
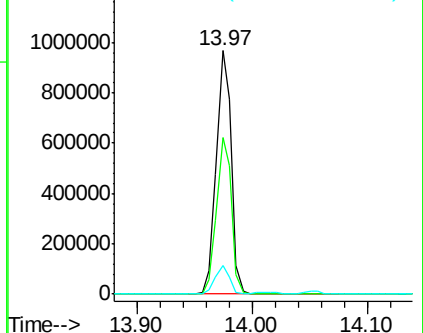
126 11.9 8.9 13.3



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: 44.72 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

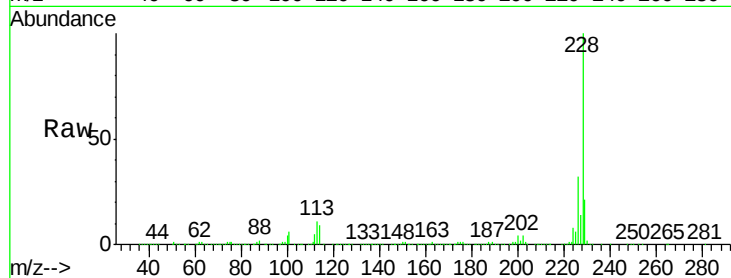
Tgt Ion:228 Resp: 3014405

Ion Ratio Lower Upper

228 100

226 32.4 24.8 37.2

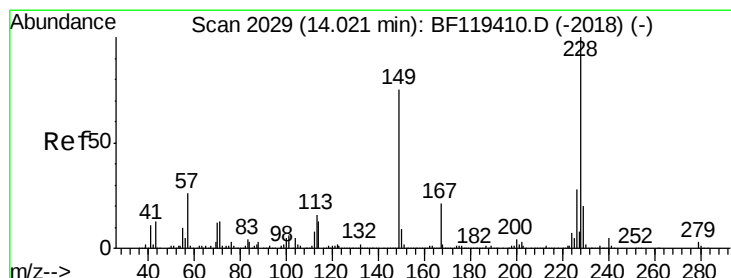
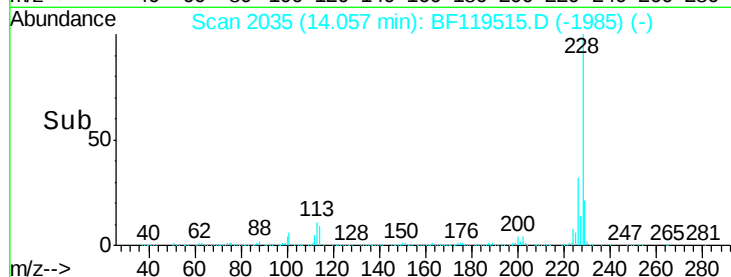
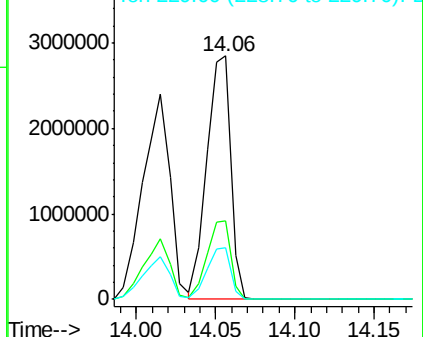
229 21.2 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.41 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

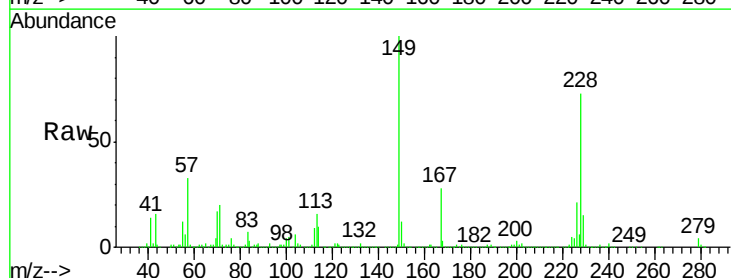
Tgt Ion:149 Resp: 2440541

Ion Ratio Lower Upper

149 100

167 28.4 22.0 33.0

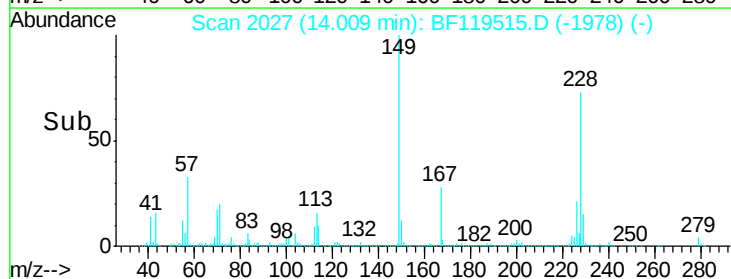
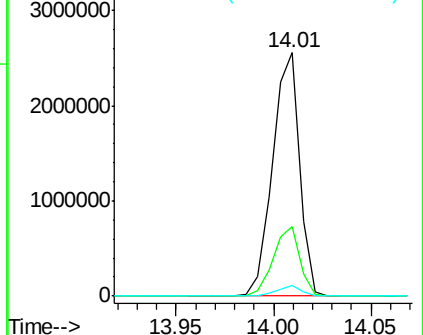
279 4.3 3.2 4.8

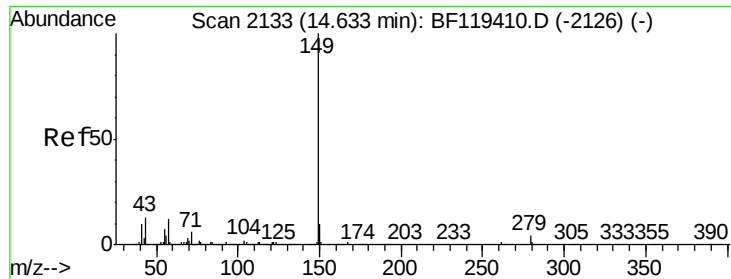


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

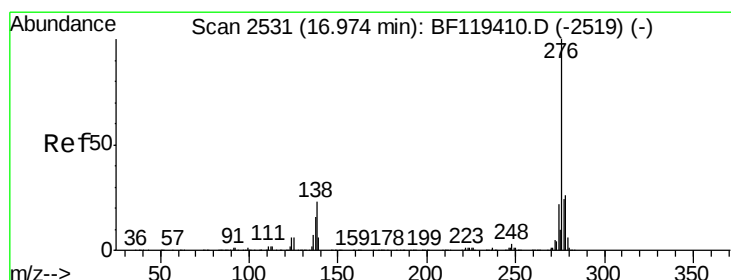
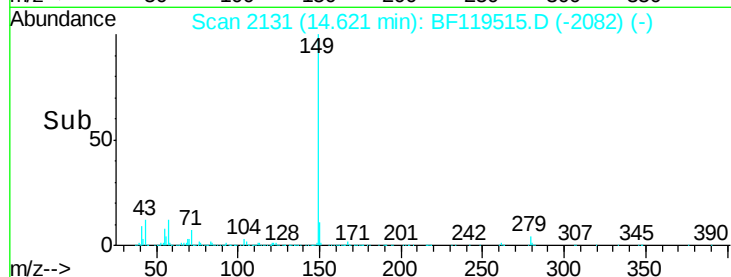
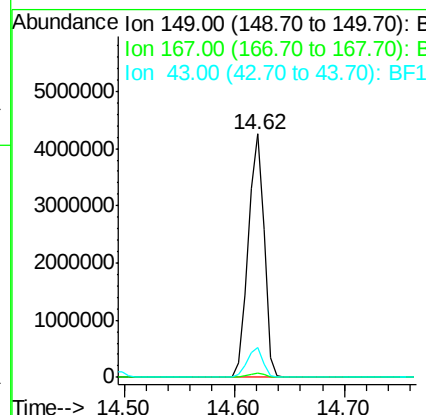
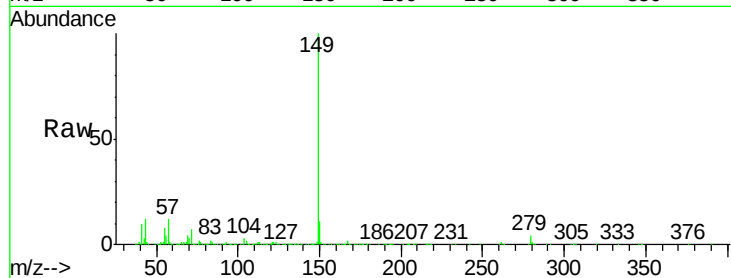




#85
Di-n-octyl phthalate
Concen: 62.06 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

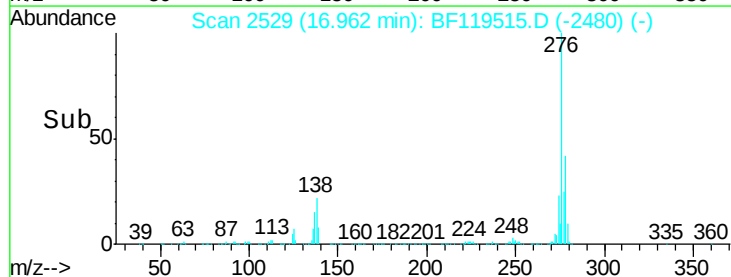
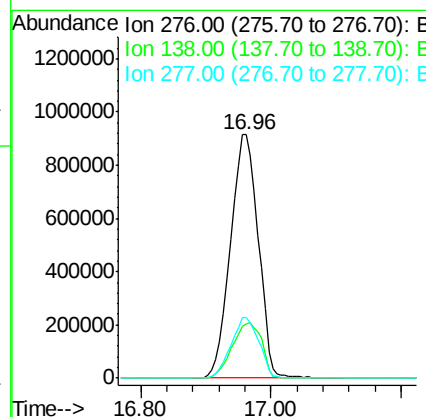
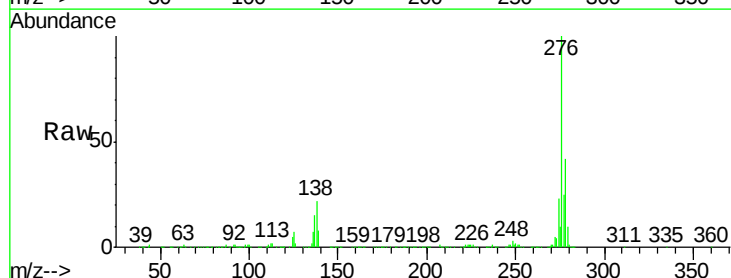
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

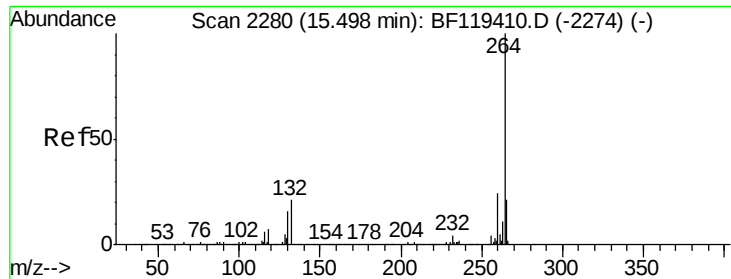
Tgt Ion:149 Resp: 4337867
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 12.0 10.1 15.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.69 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:276 Resp: 2710048
Ion Ratio Lower Upper
276 100
138 24.2 21.3 31.9
277 25.0 20.2 30.2





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

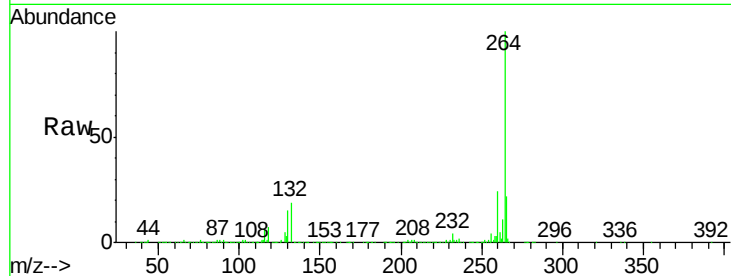
Tgt Ion:264 Resp: 930866

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

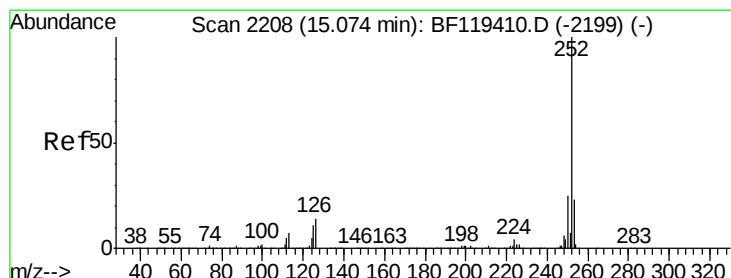
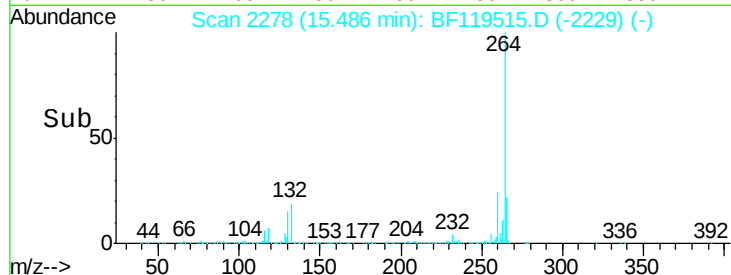
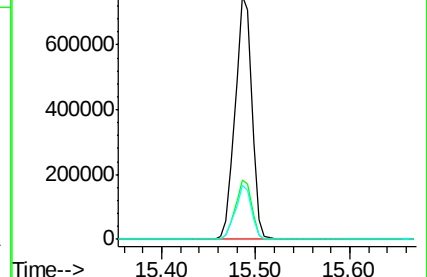
265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.44 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

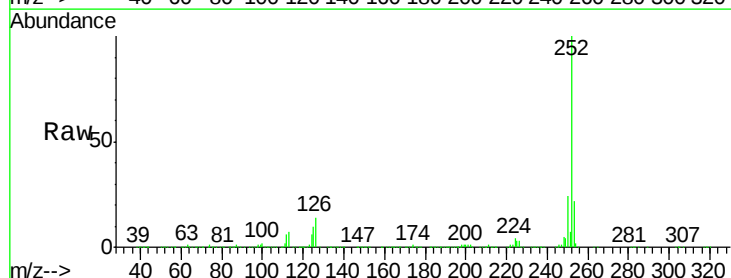
Tgt Ion:252 Resp: 3198338

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

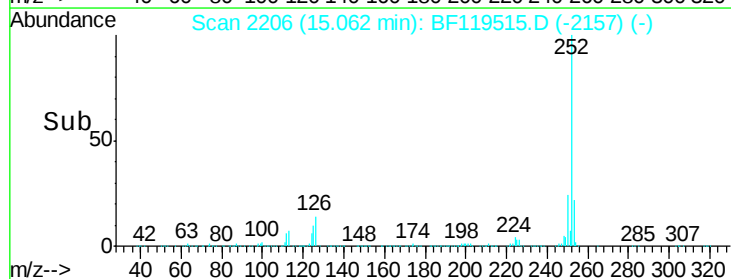
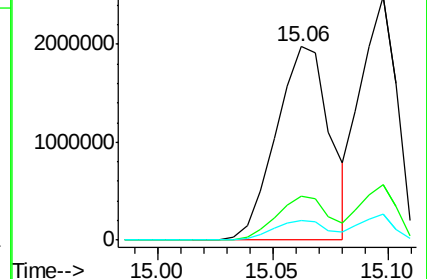
125 10.5 8.8 13.2

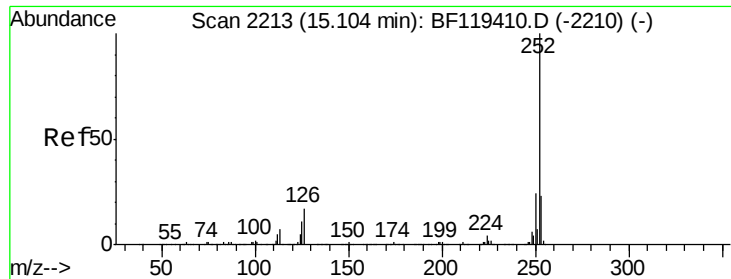


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

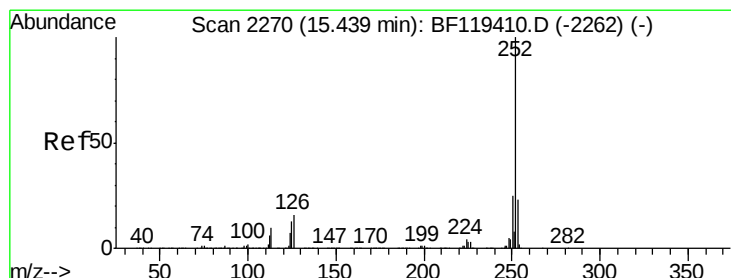
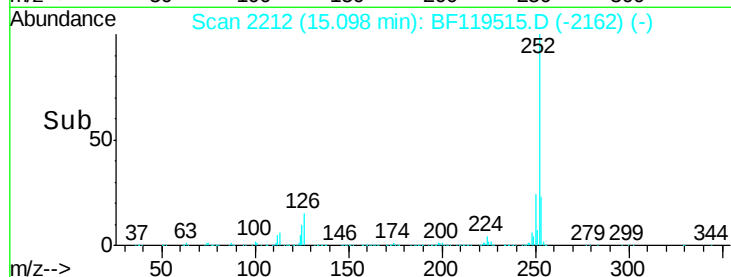
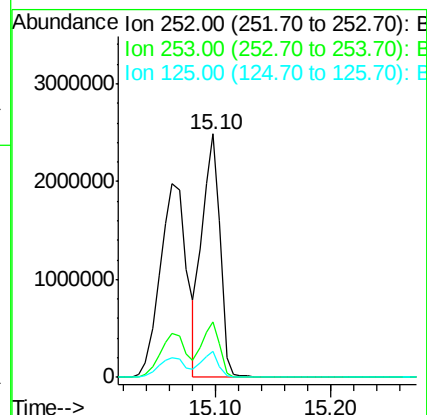
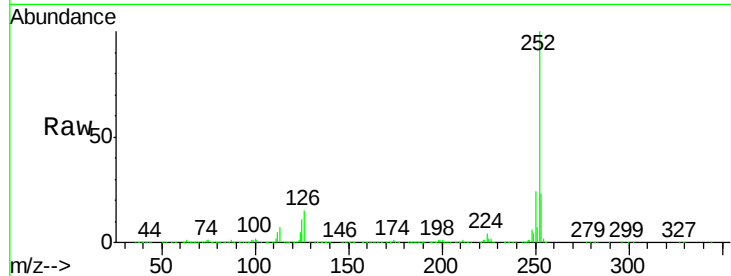




#89
Benzo(k)fluoranthene
Concen: 45.81 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

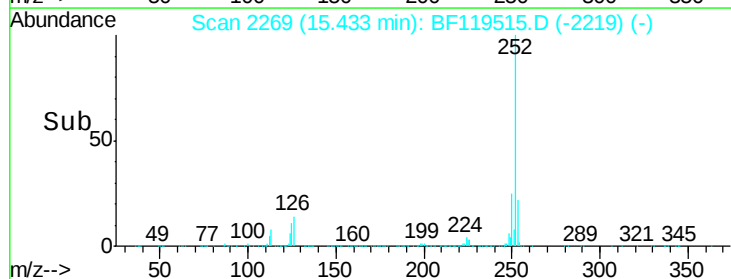
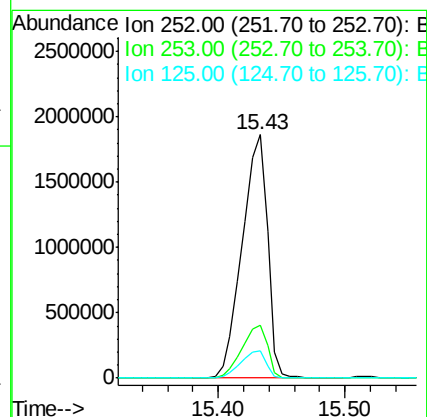
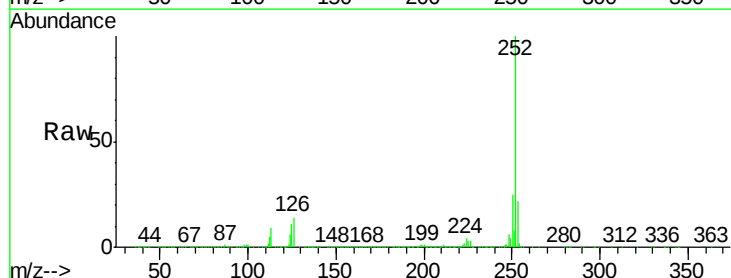
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MSD

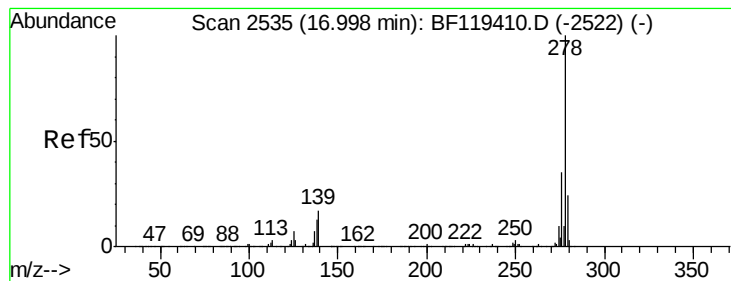
Tgt Ion:252 Resp: 2712327
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 10.6 9.0 13.4



#90
Benzo(a)pyrene
Concen: 45.75 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119515.D
Acq: 25 Mar 2020 21:02

Tgt Ion:252 Resp: 2585554
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 11.0 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 45.14 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)MSD

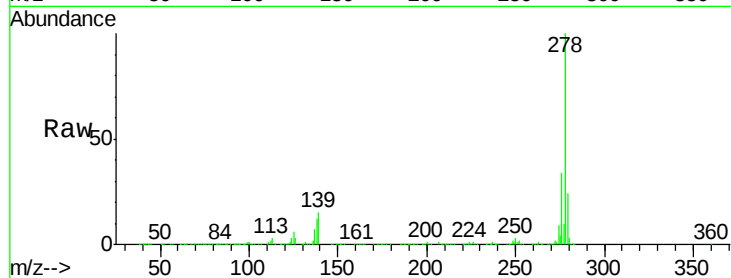
Tgt Ion:278 Resp: 2231169

Ion Ratio Lower Upper

278 100

139 14.8 13.7 20.5

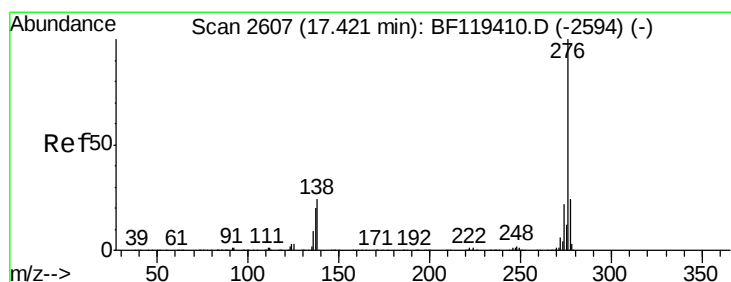
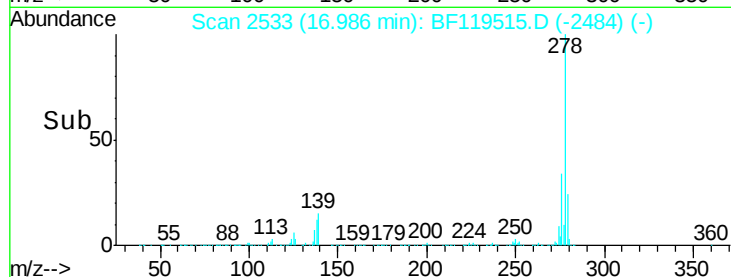
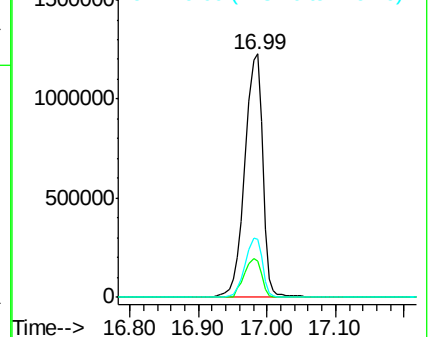
279 23.9 19.2 28.8



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: 44.06 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF119515.D

Acq: 25 Mar 2020 21:02

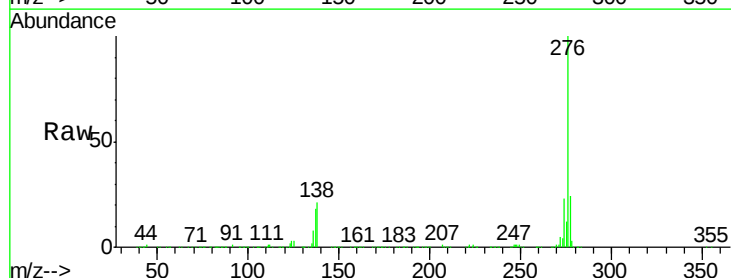
Tgt Ion:276 Resp: 2187824

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 20.7 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

