

Data File : BF118446.D
Acq On : 2 Jan 2020 20:15
Operator : JU
Sample : K6465-06MSRE
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Quant Time: Jan 03 02:11:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124935	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	505614	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	264149	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	441025	20.00	ng	0.00
76) Chrysene-d12	14.05	240	265249	20.00	ng	0.00
87) Perylene-d12	15.53	264	280452	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	820213	112.07	ng	0.01
7) Phenol-d6	6.49	99	1058323	116.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	630421	71.31	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	320325	98.20	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1210911	69.98	ng	0.00
79) Terphenyl-d14	12.98	244	1024835	64.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	115476	39.689	ng	98
3) Pyridine	3.40	79	290570	37.484	ng	98
4) n-Nitrosodimethylamine	3.36	42	144686	45.144	ng	98
6) Aniline	6.51	93	348641	30.240	ng	# 45
8) 2-Chlorophenol	6.64	128	401412	48.425	ng	99
9) Benzaldehyde	6.40	77	213028	40.019	ng	98
10) Phenol	6.50	94	478028	46.843	ng	89
11) bis(2-Chloroethyl)ether	6.58	93	337440	46.236	ng	99
12) 1,3-Dichlorobenzene	6.79	146	421851	44.188	ng	99
13) 1,4-Dichlorobenzene	6.86	146	431940	44.544	ng	99
14) 1,2-Dichlorobenzene	7.02	146	409680	44.750	ng	99
15) Benzyl Alcohol	7.00	79	318380	46.055	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	345090	44.312	ng	70
17) 2-Methylphenol	7.11	107	312707	47.034	ng	96
18) Hexachloroethane	7.36	117	147582	41.469	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	252931	45.221	ng	97
20) 3+4-Methylphenols	7.27	107	404344	47.519	ng	# 78
22) Acetophenone	7.26	105	527861	42.597	ng	97
24) Nitrobenzene	7.43	77	393005	44.380	ng	99
25) Isophorone	7.67	82	687033	44.594	ng	99
26) 2-Nitrophenol	7.75	139	212496	45.304	ng	97
27) 2,4-Dimethylphenol	7.79	122	343858	53.731	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	436544	43.326	ng	99
29) 2,4-Dichlorophenol	8.00	162	334502	45.412	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	369595	43.074	ng	96
31) Naphthalene	8.16	128	1174952	45.720	ng	100
32) Benzoic acid	7.95	122	196287	37.703	ng	99
33) 4-Chloroaniline	8.21	127	151534	13.755	ng	98
34) Hexachlorobutadiene	8.27	225	211092	41.329	ng	100
35) Caprolactam	8.59	113	68982	29.997	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	358683	45.355	ng	99
37) 2-Methylnaphthalene	8.85	142	805433	45.777	ng	99
38) 1-Methylnaphthalene	8.95	142	753884	45.478	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	354566	44.675	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	83945	31.319	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	236839	44.668	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	247280	45.336	ng	98
46) 1,1'-Biphenyl	9.32	154	962950	46.090	ng	99
47) 2-Chloronaphthalene	9.35	162	735509	43.741	ng	98
48) 2-Nitroaniline	9.45	65	201152	42.352	ng	99
49) Acenaphthylene	9.76	152	1140646	45.738	ng	100
50) Dimethylphthalate	9.62	163	946399	47.730	ng	99
51) 2,6-Dinitrotoluene	9.69	165	192202	44.962	ng	96
52) Acenaphthene	9.93	154	679829	44.754	ng	99
53) 3-Nitroaniline	9.86	138	121971	24.310	ng	91
54) 2,4-Dinitrophenol	9.98	184	42105	23.453	ng	99
55) Dibenzofuran	10.10	168	1034674	46.098	ng	97
56) 4-Nitrophenol	10.04	139	243532	78.625	ng	96
57) 2,4-Dinitrotoluene	10.10	165	243829	42.687	ng	# 78
58) Fluorene	10.45	166	805939	44.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	189641	40.920	ng	99
60) Diethylphthalate	10.32	149	881445	44.935	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	399701	44.190	ng	95
62) 4-Nitroaniline	10.48	138	177250	34.006	ng	97
63) Azobenzene	10.60	77	748425	44.544	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	45401	19.083	ng	95
66) n-Nitrosodiphenylamine	10.56	169	706508	49.984	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	245940	47.651	ng	94
68) Hexachlorobenzene	11.00	284	271412	44.675	ng	98
69) Atrazine	11.09	200	232867	53.380	ng	97
70) Pentachlorophenol	11.20	266	181736	69.073	ng	99
71) Phenanthrene	11.42	178	1170259	48.675	ng	99
72) Anthracene	11.47	178	1133379	47.097	ng	99
73) Carbazole	11.63	167	924664	43.302	ng	99
74) Di-n-butylphthalate	11.95	149	1314936	48.565	ng	99
75) Fluoranthene	12.62	202	1110358	45.761	ng	99
77) Benzidine	12.73	184	430506	59.233	ng	97
78) Pyrene	12.85	202	1058204	48.854	ng	99
80) Butylbenzylphthalate	13.45	149	442339	45.355	ng	99
81) Benzo(a)anthracene	14.04	228	905867	48.790	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	293949	46.695	ng	98
83) Chrysene	14.07	228	832646	46.836	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	636241	49.612	ng	98
85) Di-n-octyl phthalate	14.62	149	1032241	54.720	ng	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	742913	49.044	ng	99
88) Benzo(b)fluoranthene	15.10	252	851483	45.738	ng	99
89) Benzo(k)fluoranthene	15.13	252	841525	47.078	ng	99
90) Benzo(a)pyrene	15.47	252	763622	46.564	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	620800	43.622	ng	98
92) Benzo(g,h,i)perylene	17.50	276	579044	42.121	ng	99

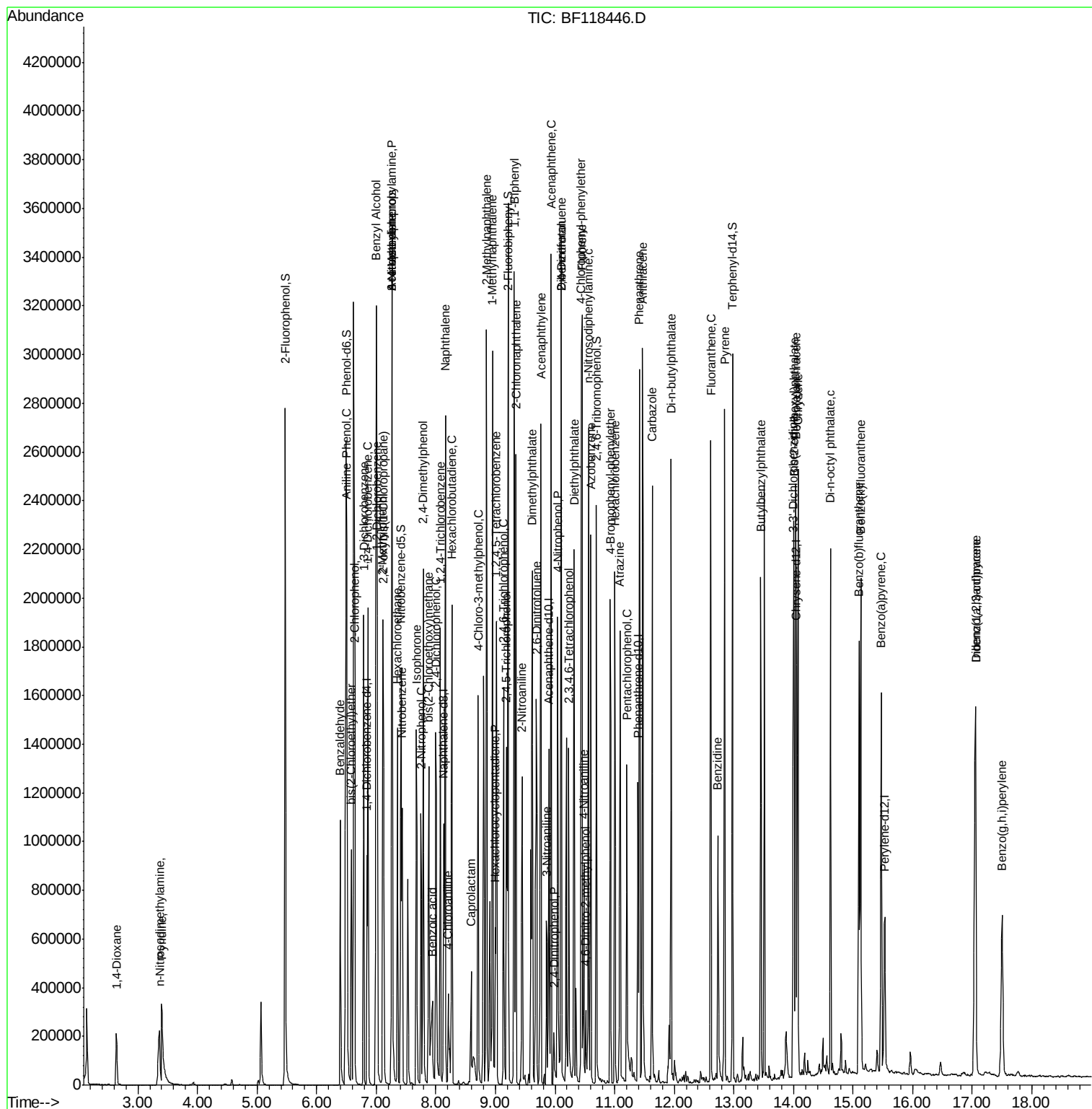
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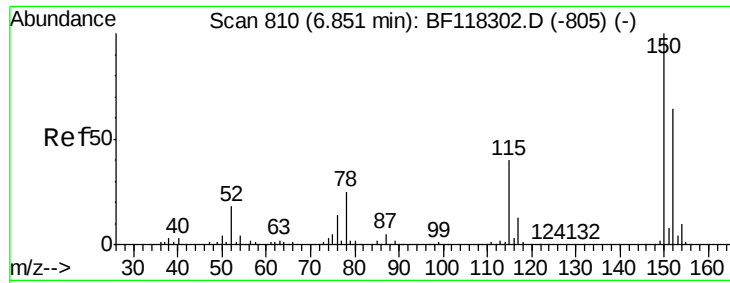
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

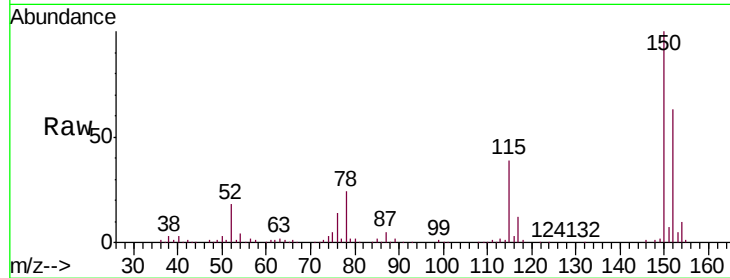
Tgt Ion:152 Resp: 124935

Ion Ratio Lower Upper

152 100

150 159.1 125.4 188.2

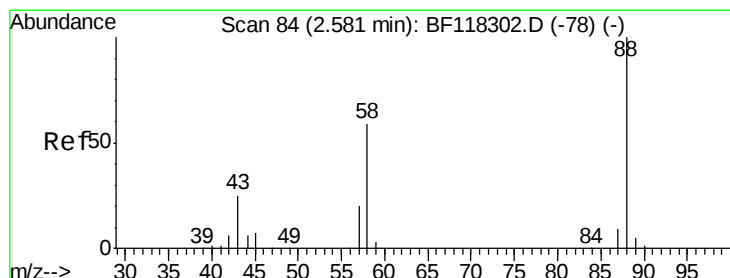
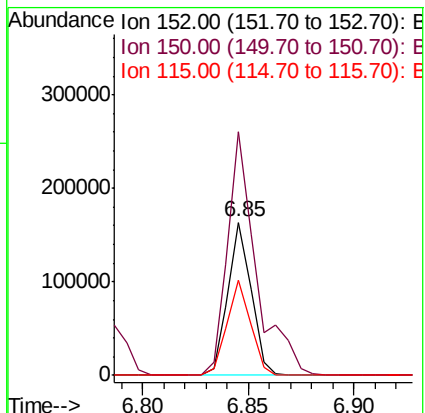
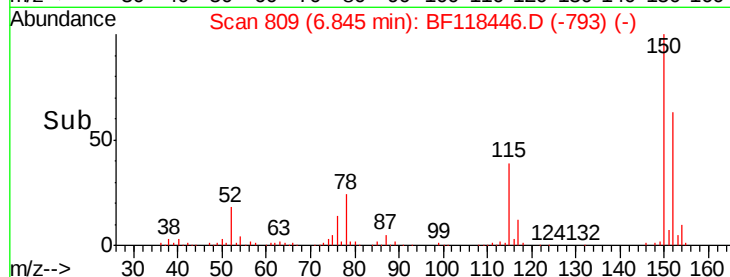
115 62.1 50.2 75.4



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: 39.689 ng

RT: 2.64 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

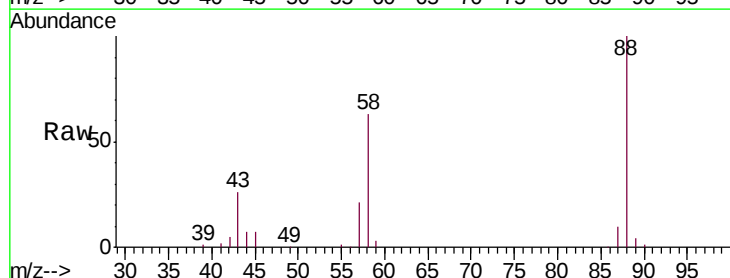
Tgt Ion: 88 Resp: 115476

Ion Ratio Lower Upper

88 100

58 61.6 47.6 71.4

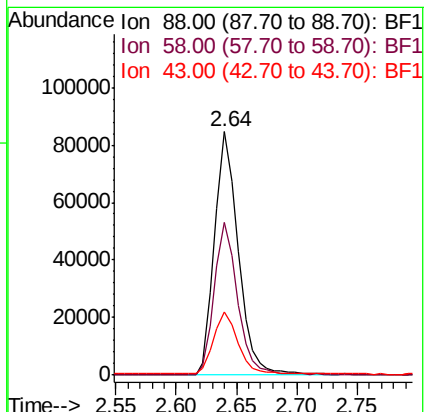
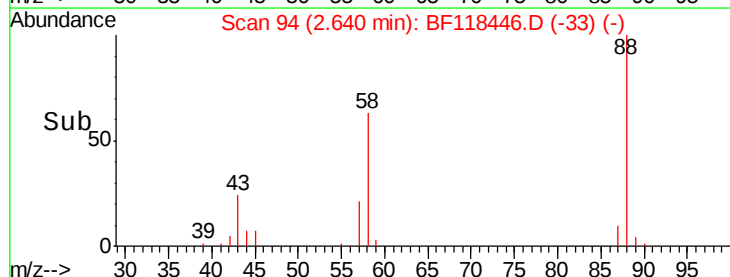
43 25.7 20.6 30.8

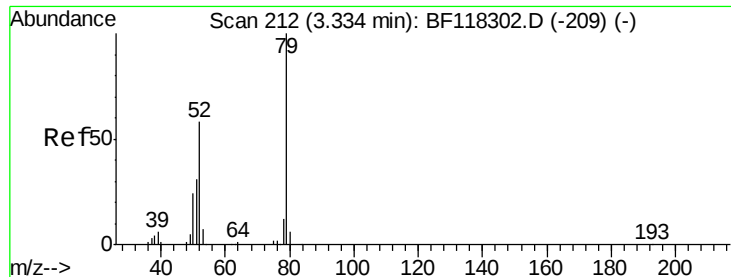


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 37.484 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.06 min

Lab File: BF118446.D

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BNA_F

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GP-9-(8-10)MS

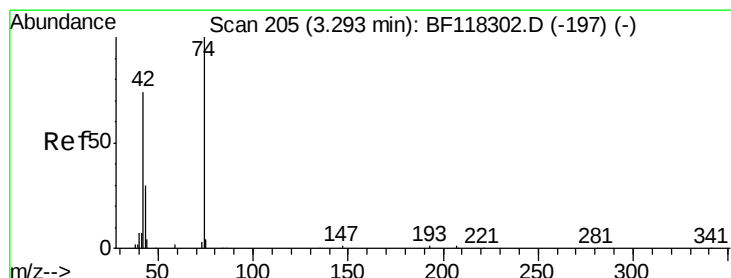
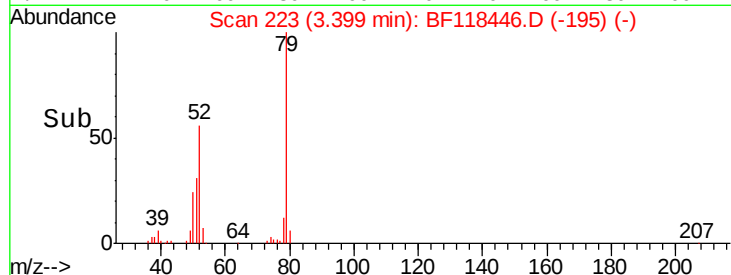
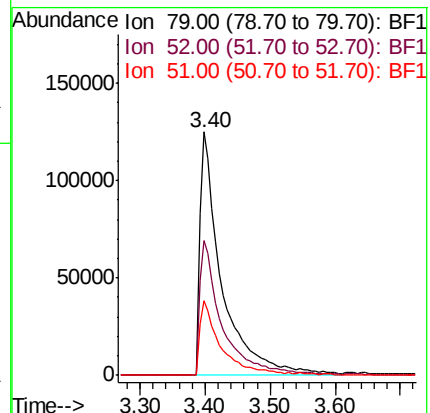
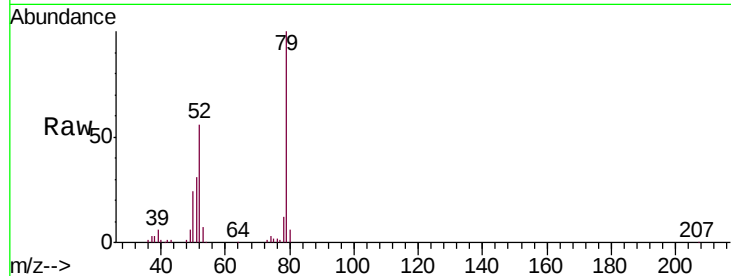
Tgt Ion: 79 Resp: 290570

Ion Ratio Lower Upper

79 100

52 55.5 46.4 69.6

51 30.8 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 45.144 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.07 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

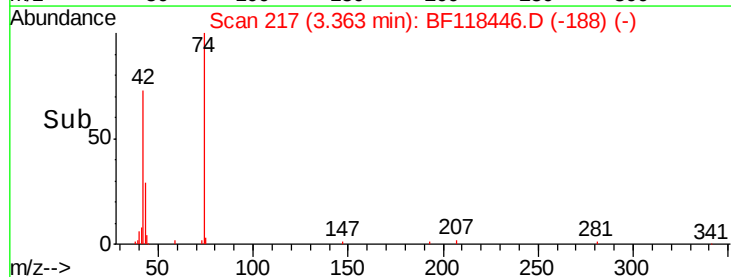
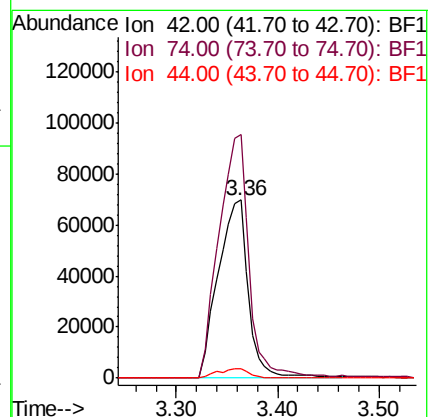
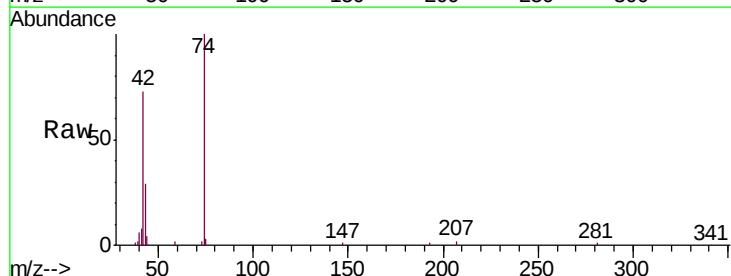
Tgt Ion: 42 Resp: 144686

Ion Ratio Lower Upper

42 100

74 136.7 107.7 161.5

44 5.1 4.8 7.2





#5

2-Fluorophenol

Concen: 112.066 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

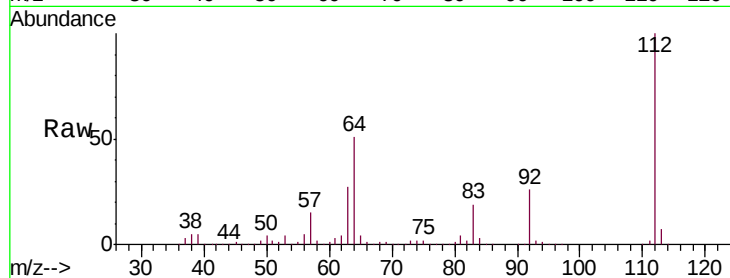
Tgt Ion: 112 Resp: 820213

Ion Ratio Lower Upper

112 100

64 51.0 39.7 59.5

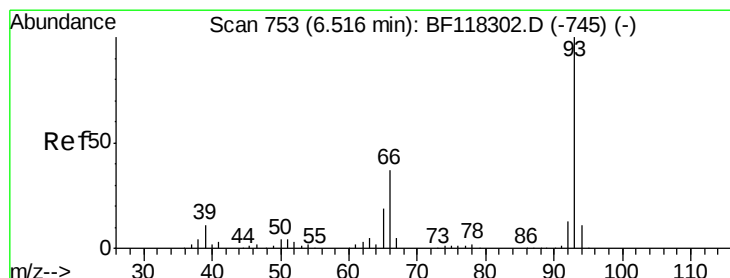
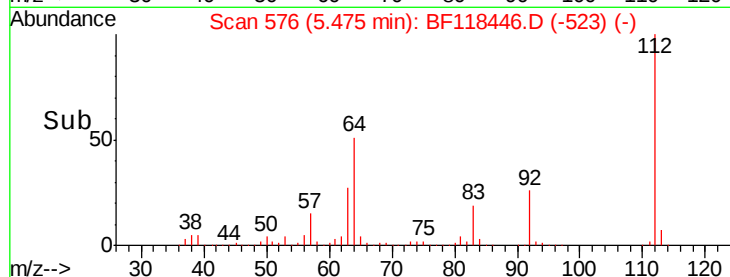
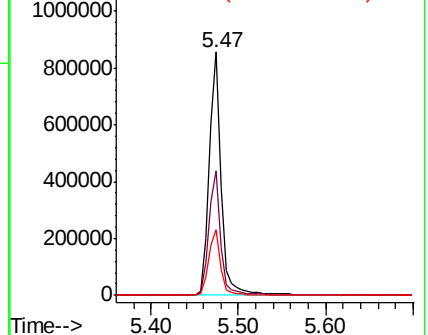
63 27.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.240 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

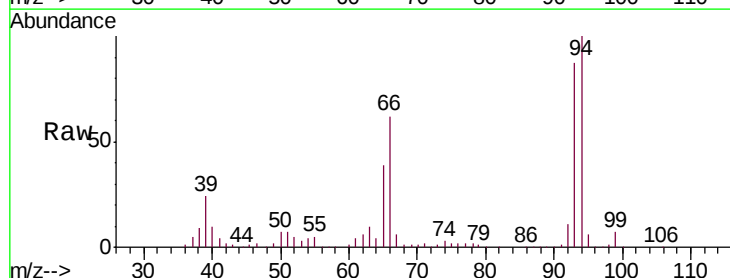
Tgt Ion: 93 Resp: 348641

Ion Ratio Lower Upper

93 100

66 71.3 30.2 45.4#

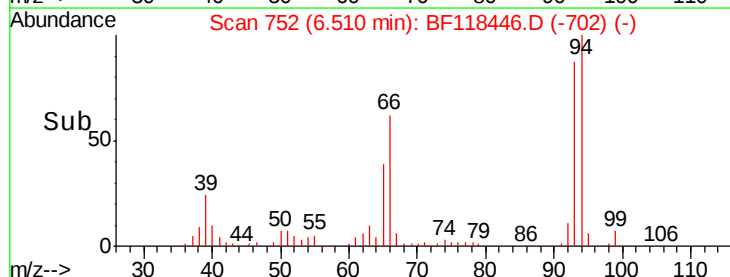
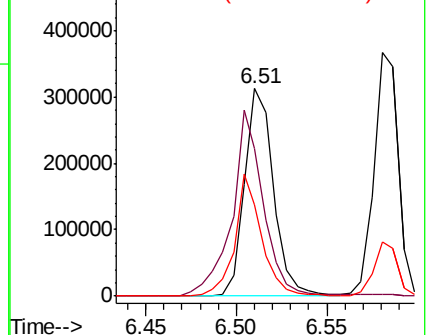
65 44.2 15.7 23.5#

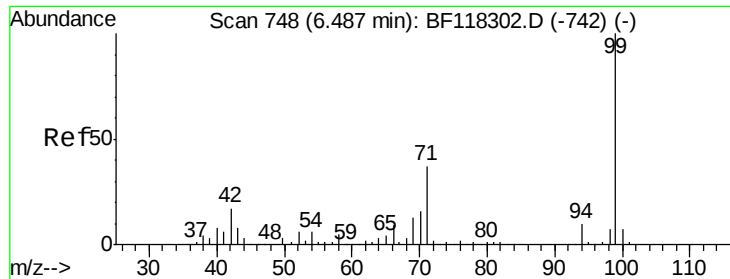


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.563 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

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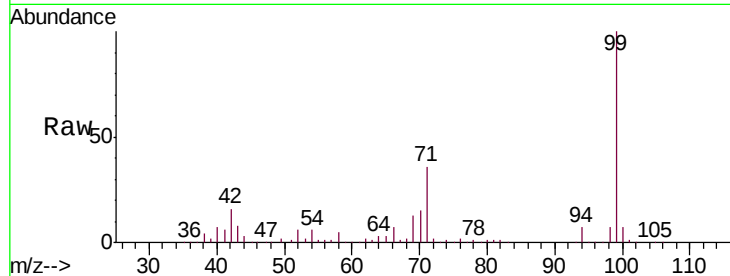
Tgt Ion: 99 Resp: 1058323

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

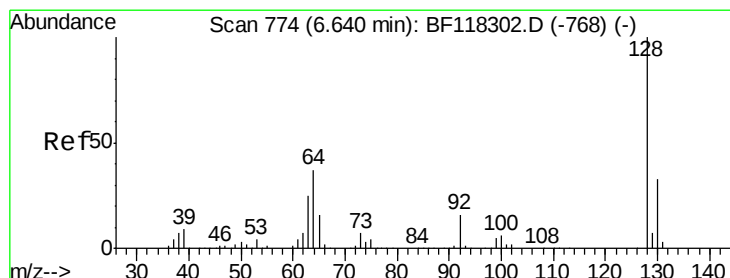
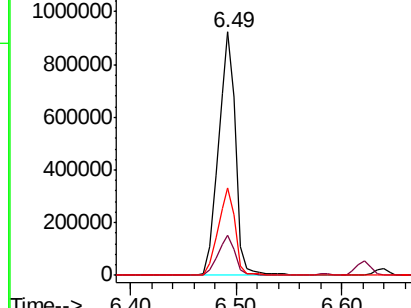
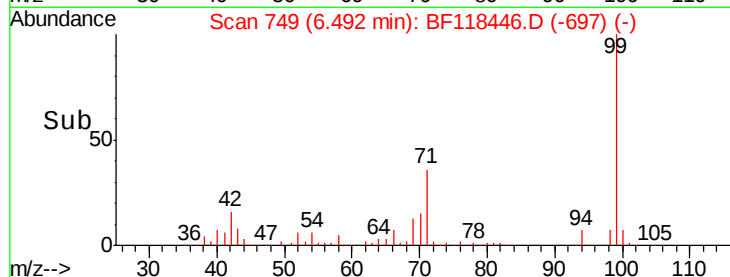
71 36.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.425 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

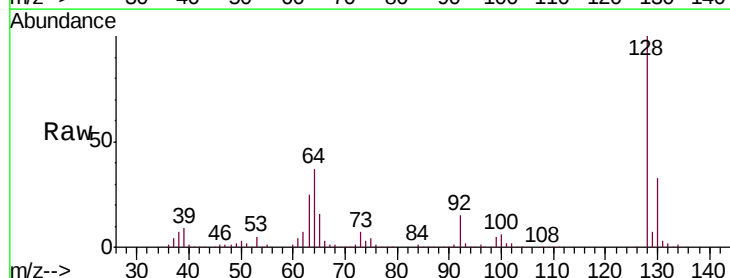
Tgt Ion: 128 Resp: 401412

Ion Ratio Lower Upper

128 100

130 32.7 13.2 53.2

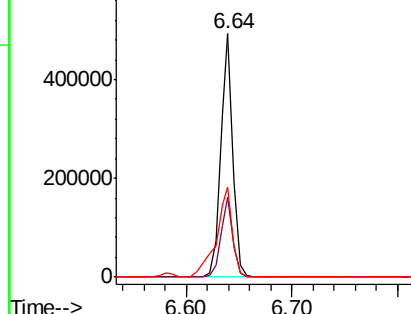
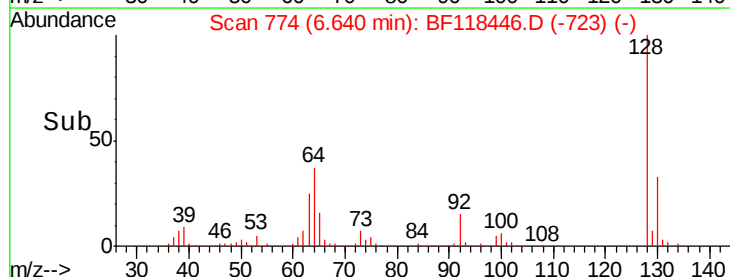
64 37.1 17.7 57.7

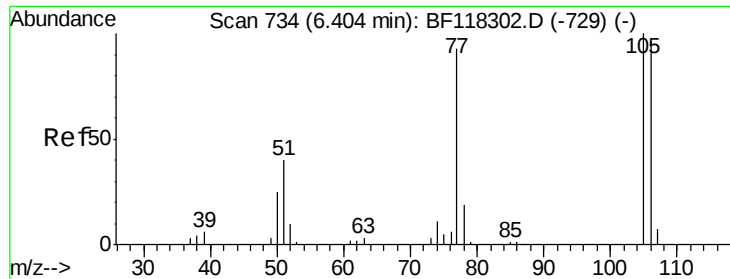


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.019 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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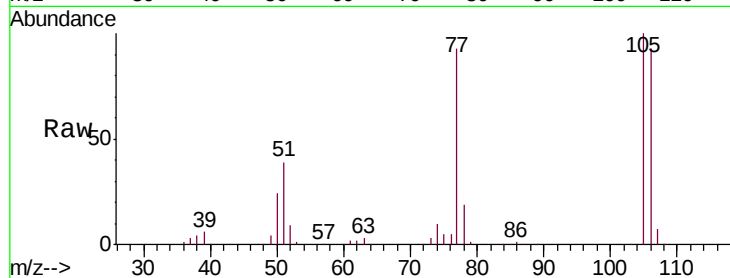
Tgt Ion: 77 Resp: 213028

Ion Ratio Lower Upper

77 100

105 107.3 87.5 127.5

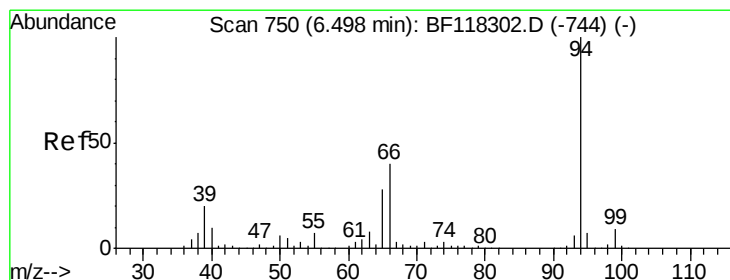
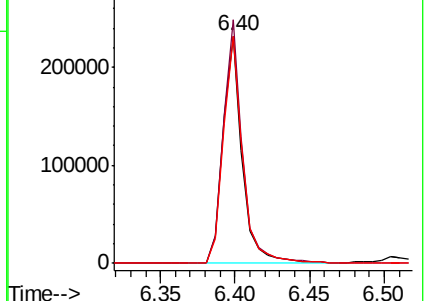
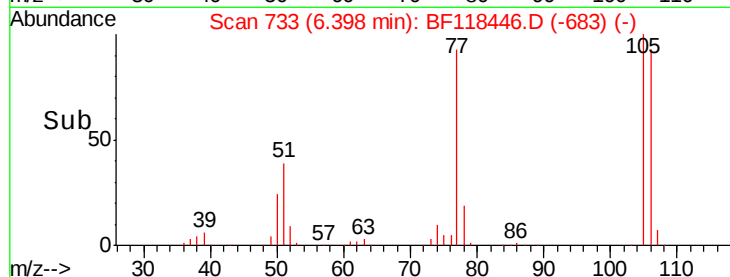
106 100.0 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.843 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

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Acq: 2 Jan 2020 20:15

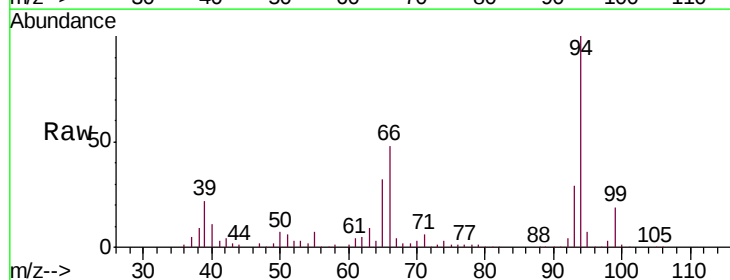
Tgt Ion: 94 Resp: 478028

Ion Ratio Lower Upper

94 100

65 31.8 7.8 47.8

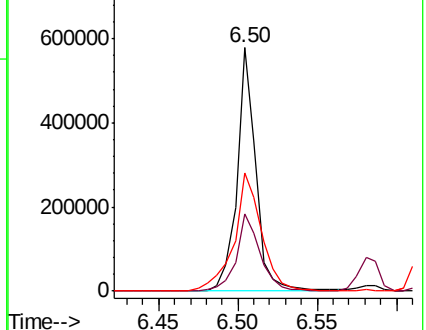
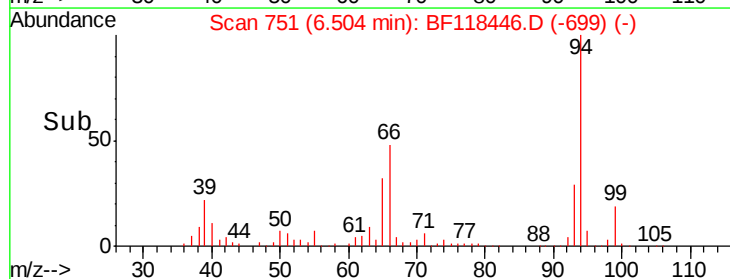
66 48.3 20.4 60.4

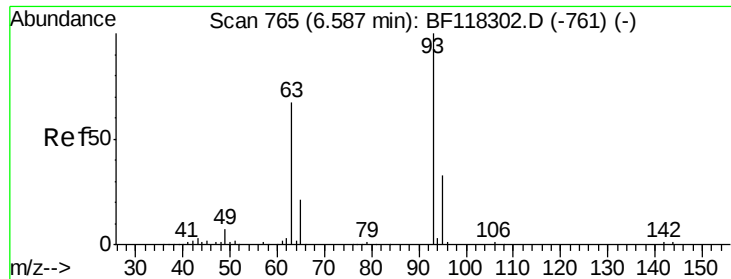


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

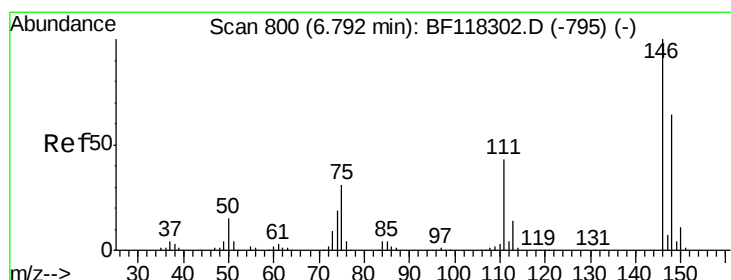
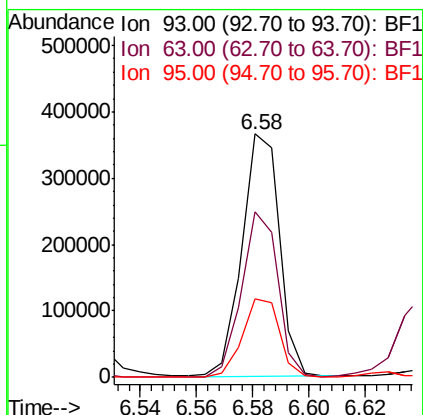
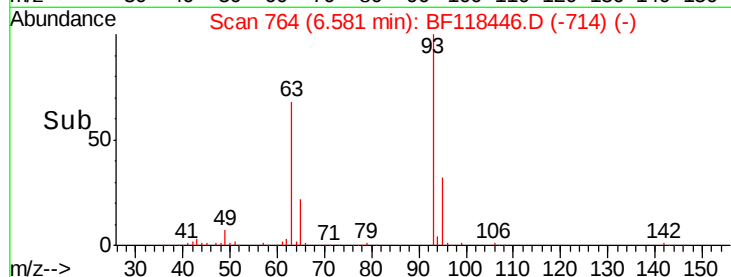
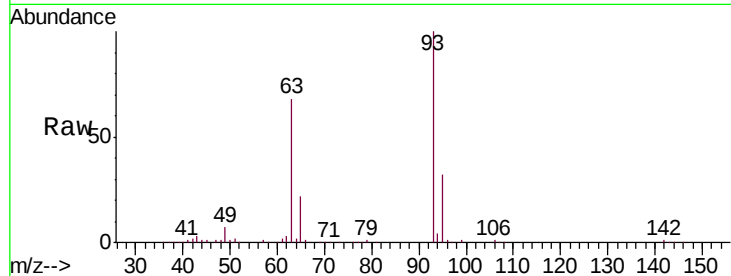




#11
bis(2-Chloroethyl)ether
Concen: 46.236 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

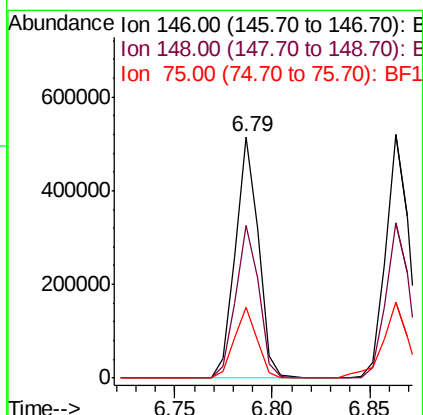
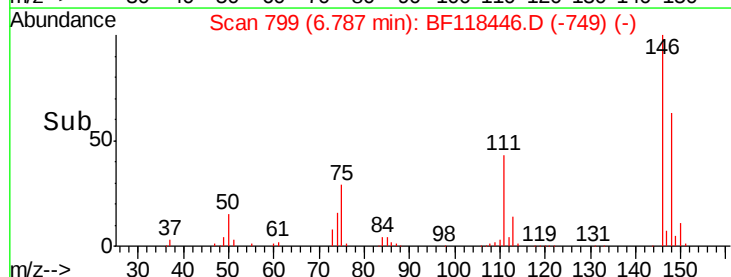
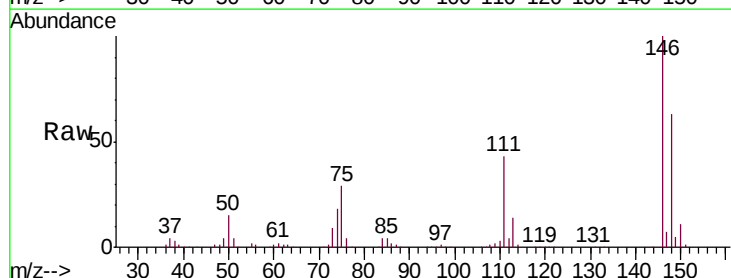
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

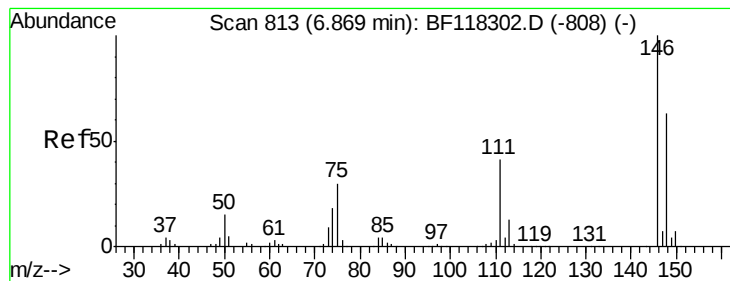
Tgt Ion: 93 Resp: 337440
Ion Ratio Lower Upper
93 100
63 67.8 47.0 87.0
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.188 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion: 146 Resp: 421851
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
75 29.5 24.4 36.6

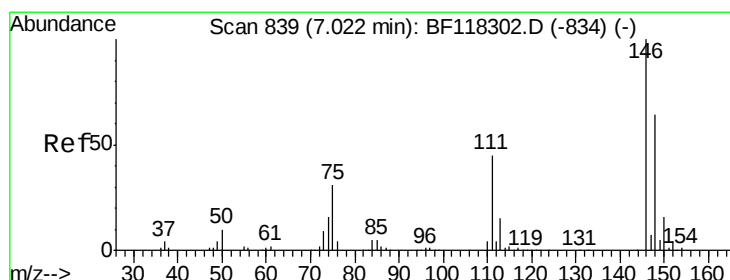
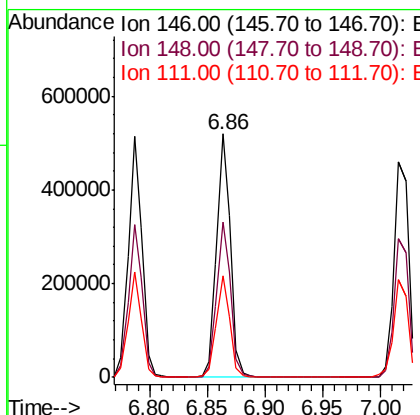
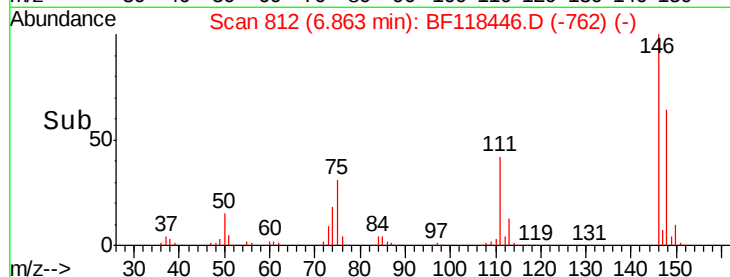
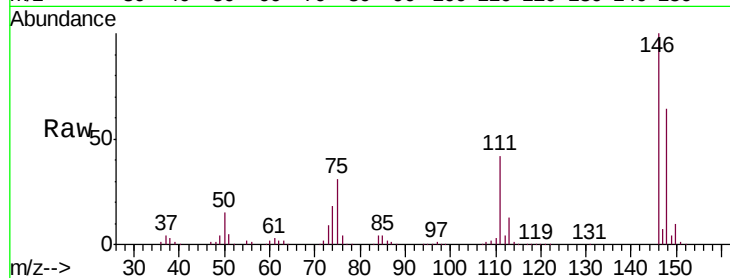




#13
 1,4-Dichlorobenzene
 Concen: 44.544 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

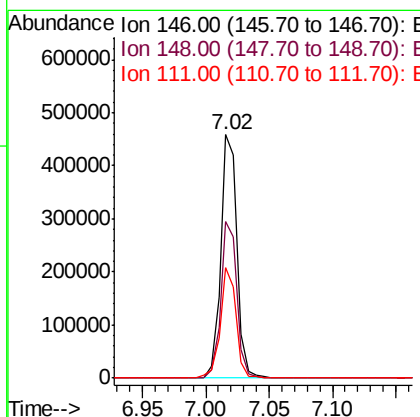
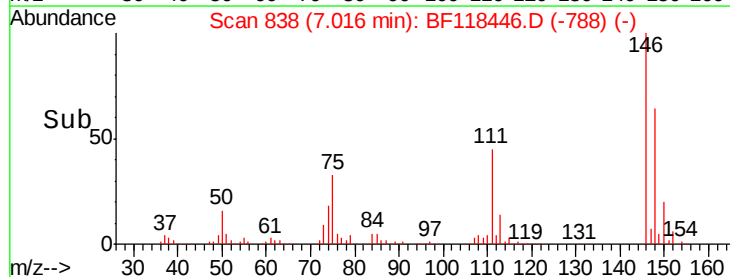
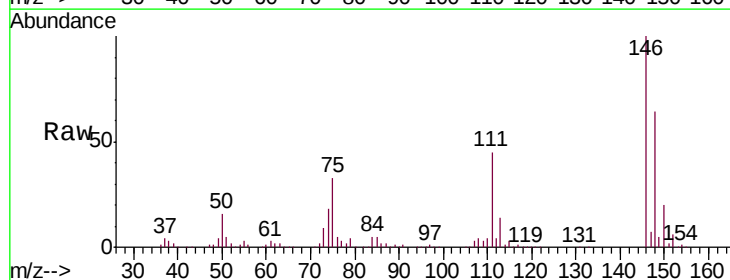
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

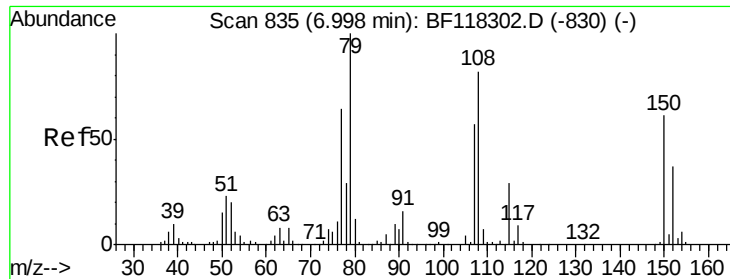
Tgt Ion:146 Resp: 431940
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 41.6 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 44.750 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:146 Resp: 409680
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.3 76.9
 111 45.2 35.7 53.5





#15

Benzyl Alcohol

Concen: 46.055 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

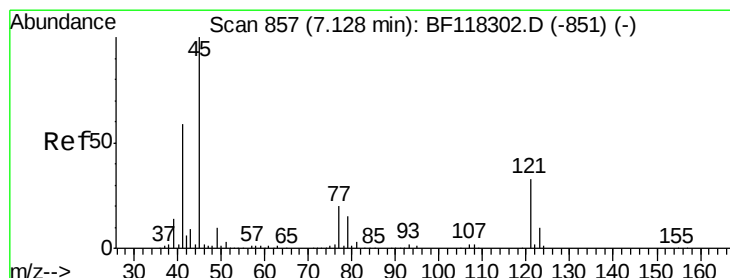
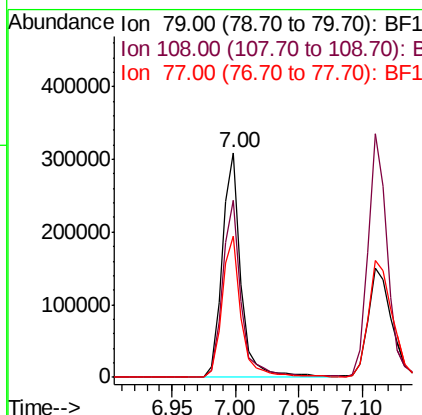
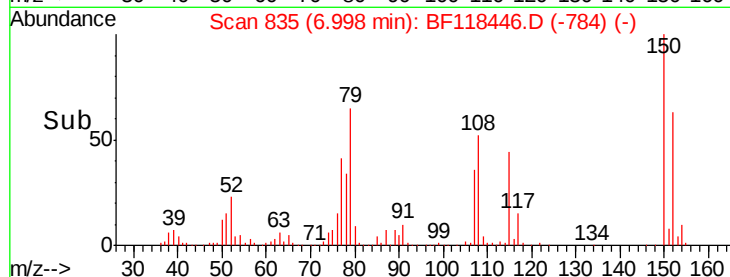
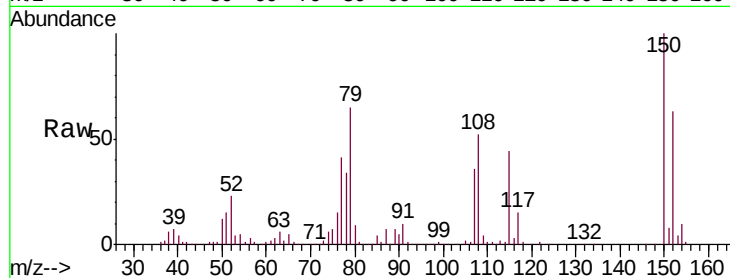
Tgt Ion: 79 Resp: 318380

Ion Ratio Lower Upper

79 100

108 79.1 65.4 98.0

77 62.7 51.4 77.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.312 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

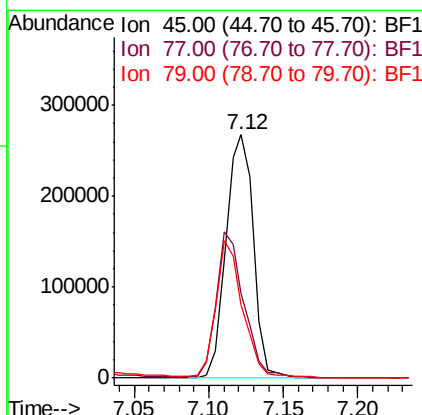
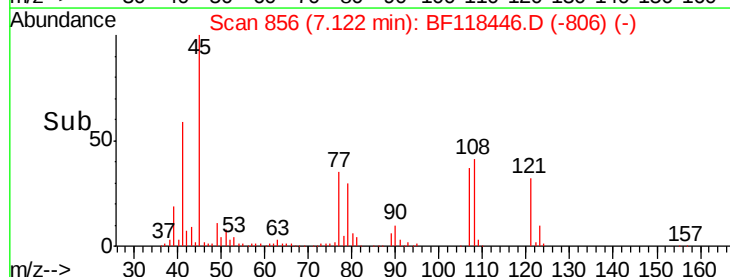
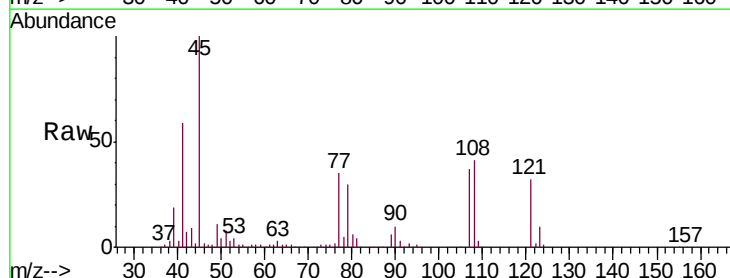
Tgt Ion: 45 Resp: 345090

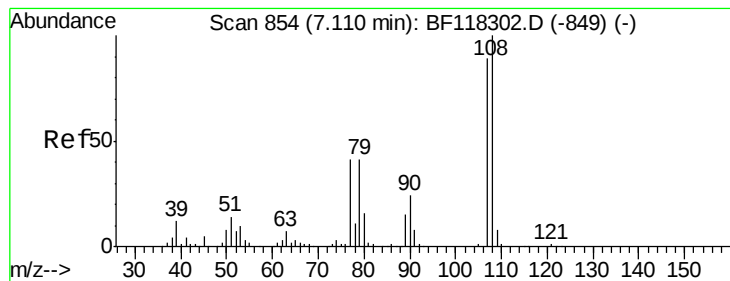
Ion Ratio Lower Upper

45 100

77 35.1 1.2 41.2

79 30.2 0.0 37.0





#17

2-Methylphenol

Concen: 47.034 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tgt Ion:107 Resp: 312707

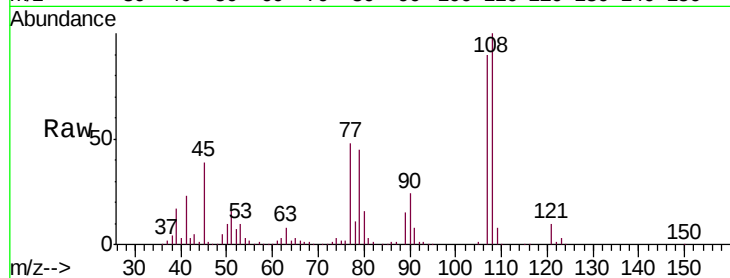
Ion Ratio Lower Upper

107 100

108 111.3 89.7 134.5

77 53.3 37.2 55.8

79 50.0 36.7 55.1

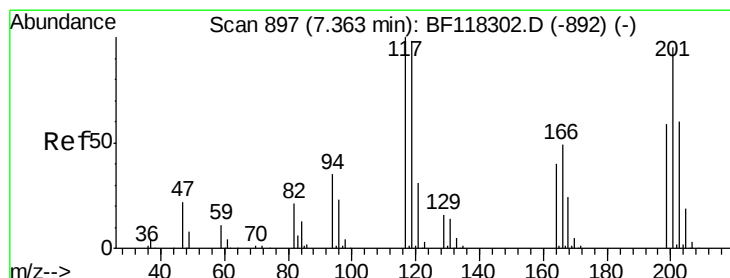
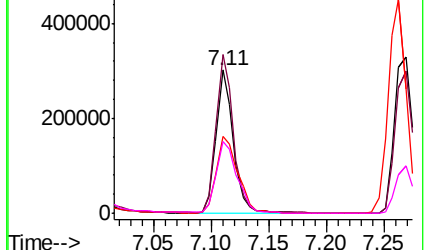
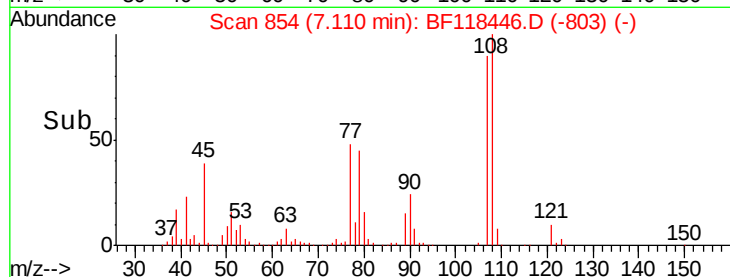


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.469 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

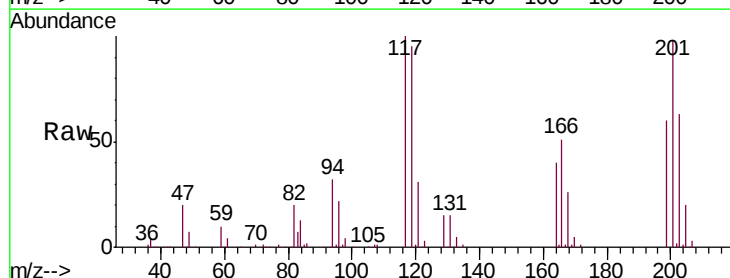
Tgt Ion:117 Resp: 147582

Ion Ratio Lower Upper

117 100

119 94.9 78.0 117.0

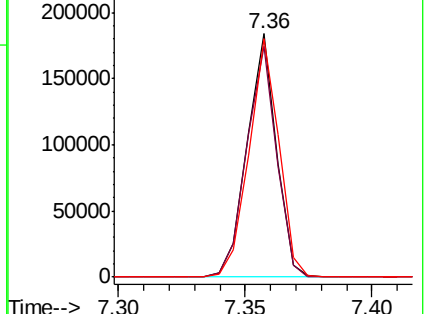
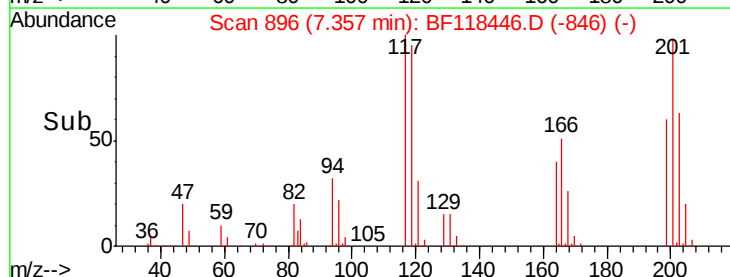
201 98.1 76.2 114.2

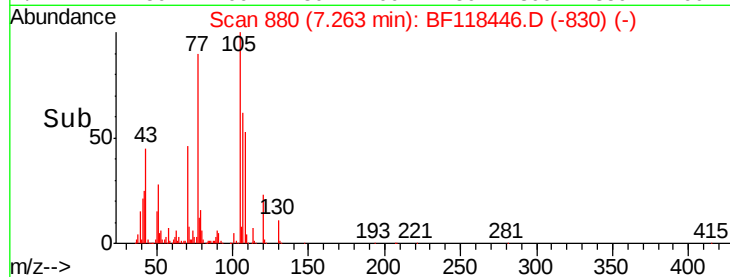
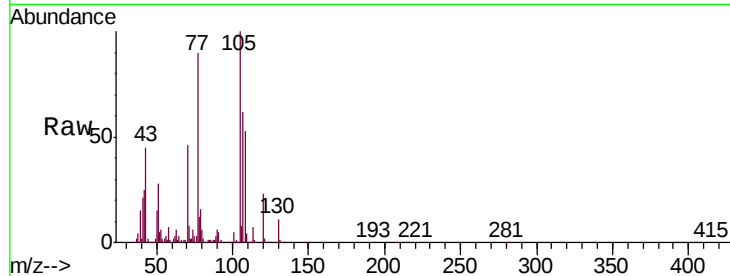
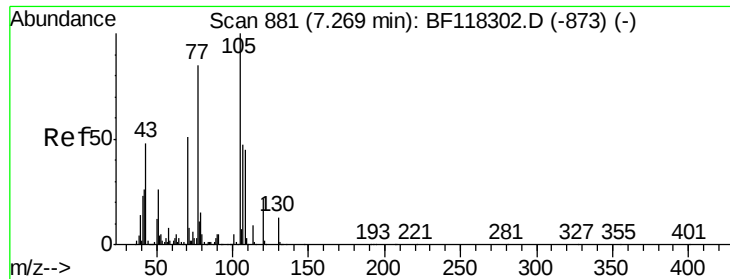


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

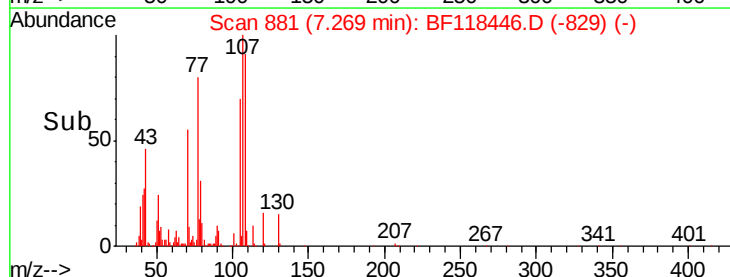
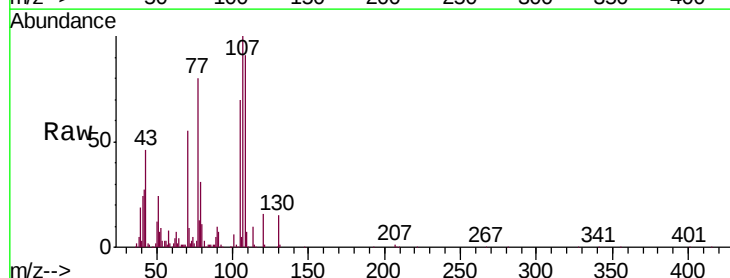
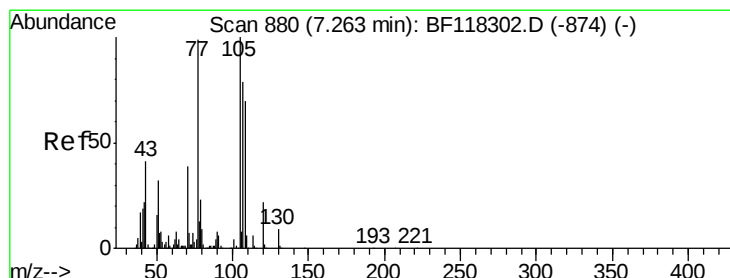
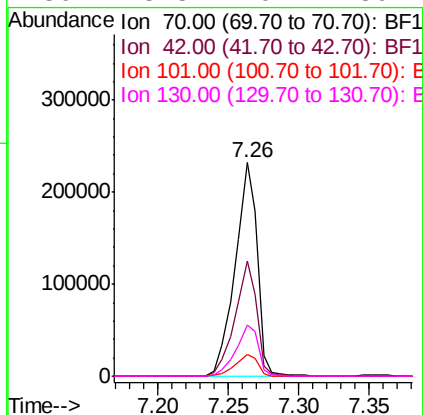




#19
n-Nitroso-di-n-propylamine
Concen: 45.221 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

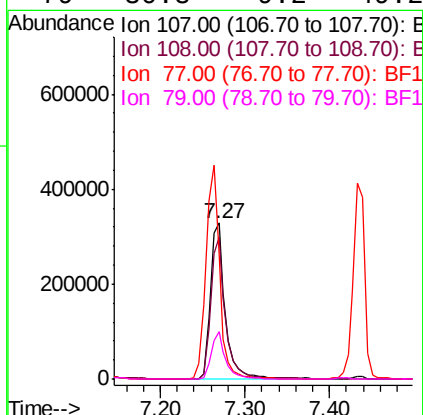
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

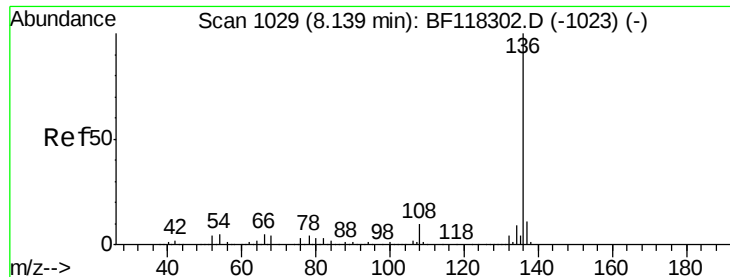
Tgt Ion:	70	Resp:	252931
Ion	Ratio	Lower	Upper
70	100		
42	54.1	41.1	61.7
101	10.5	8.3	12.5
130	23.8	20.1	30.1



#20
3+4-Methylphenols
Concen: 47.519 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:	107	Resp:	404344
Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.3	109.3
77	79.8	105.9	145.9#
79	30.8	9.2	49.2

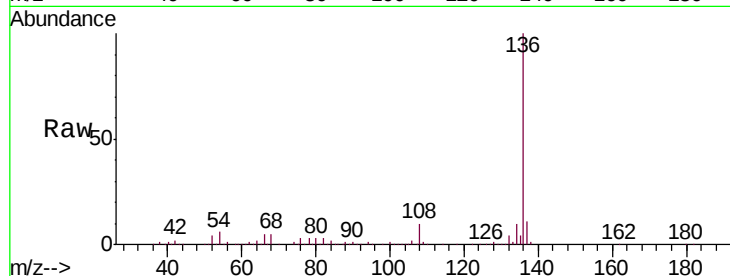




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tgt Ion:	136	Resp:	505614
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.9	4.2	6.4
68	5.0	3.5	5.3



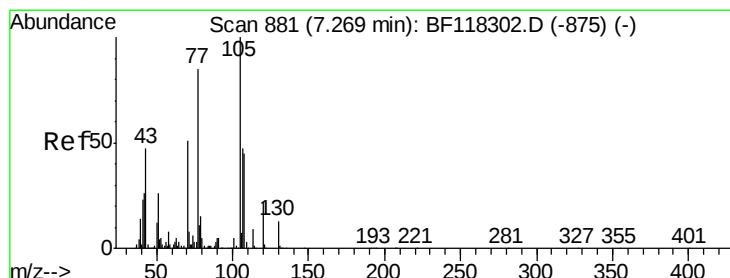
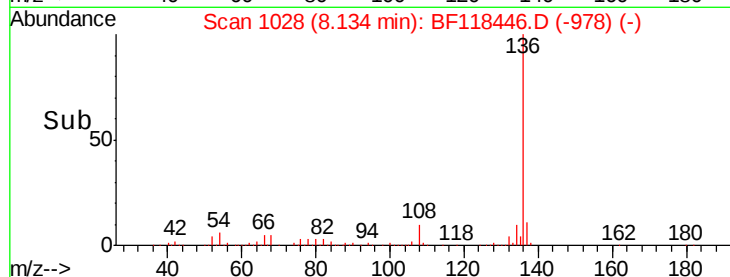
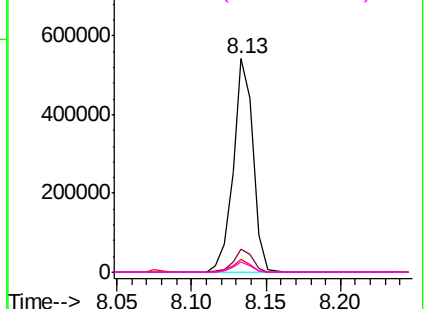
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

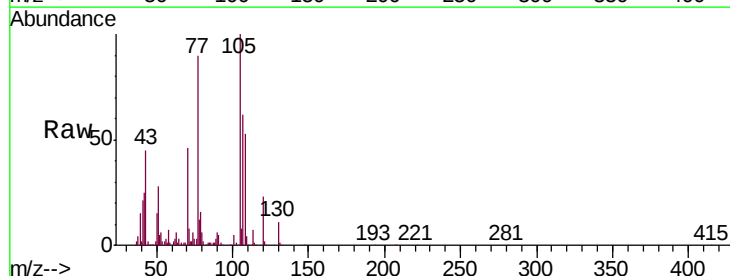
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.597 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:	105	Resp:	527861
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.6	9.8
51	28.4	20.6	30.8
120	23.4	18.0	27.0



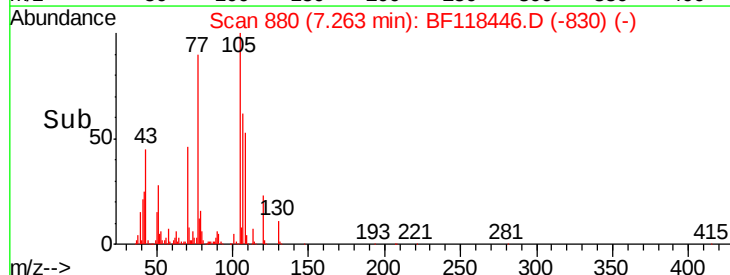
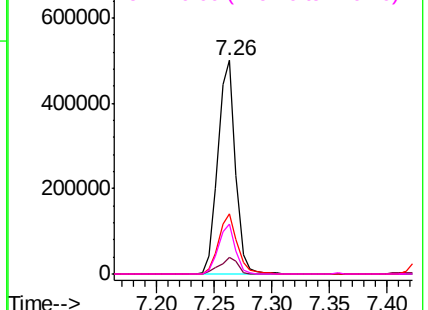
Abundance

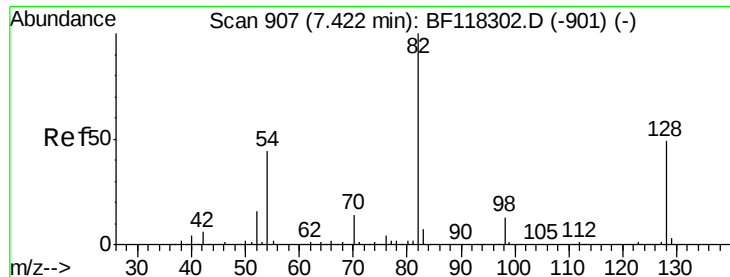
Ion 105.00 (104.70 to 105.70): E

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

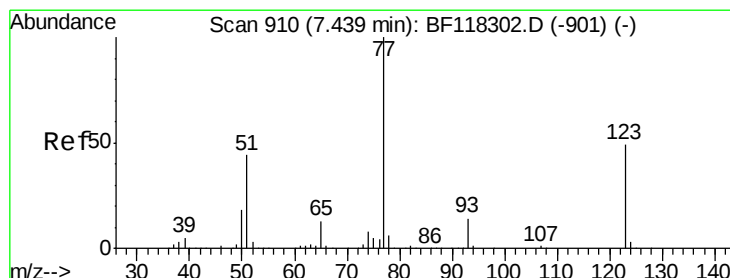
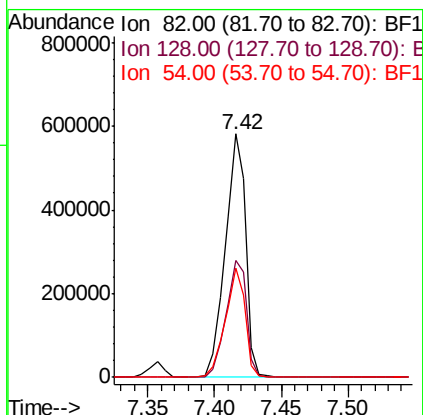
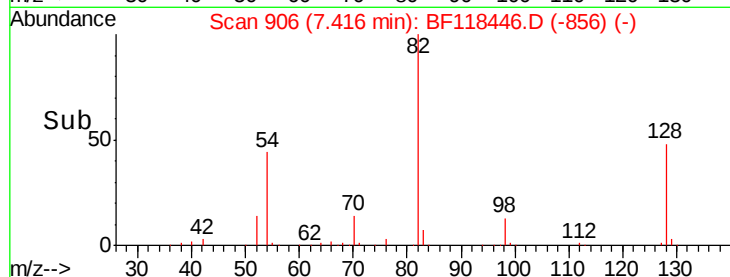
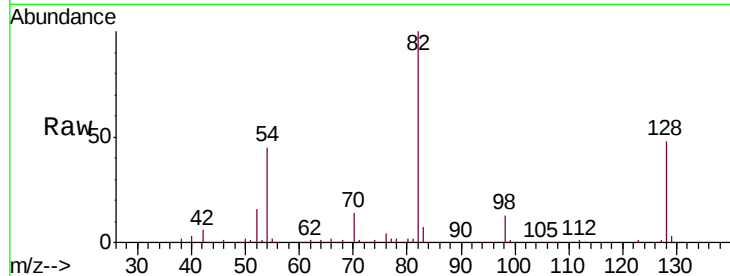




#23
Nitrobenzene-d5
Concen: 71.313 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

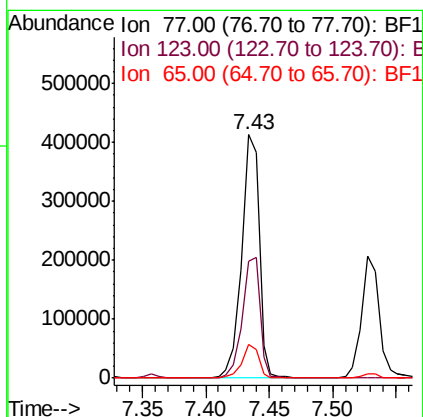
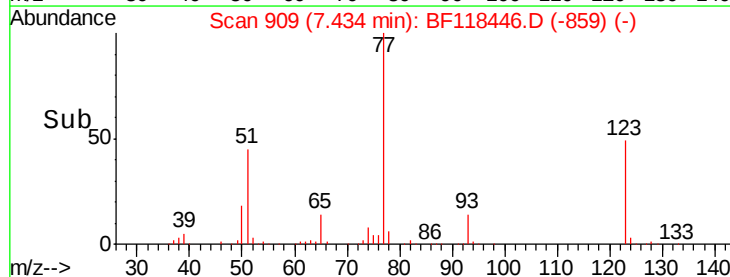
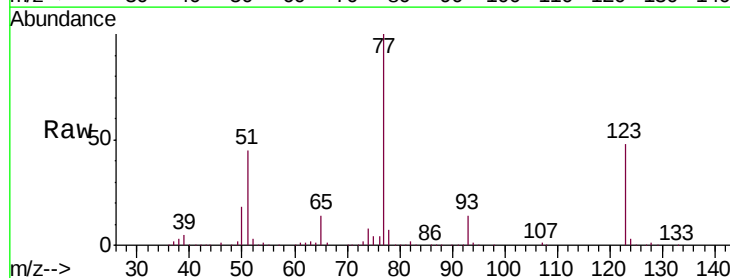
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

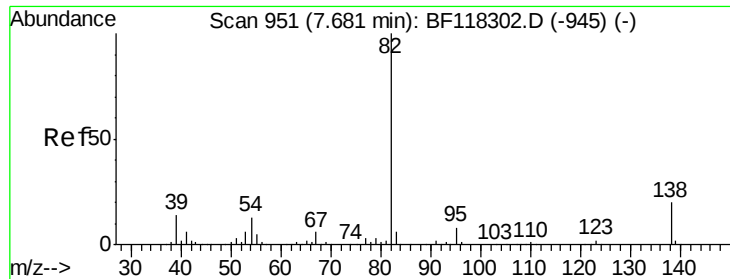
Tgt Ion: 82 Resp: 630421
Ion Ratio Lower Upper
82 100
128 47.9 39.6 59.4
54 44.7 34.9 52.3



#24
Nitrobenzene
Concen: 44.380 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion: 77 Resp: 393005
Ion Ratio Lower Upper
77 100
123 48.1 39.1 58.7
65 13.6 10.6 16.0





#25

Isophorone

Concen: 44.594 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

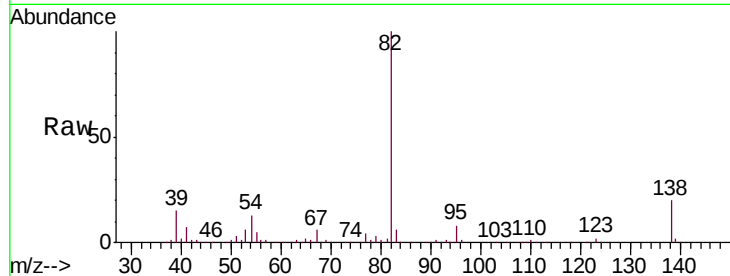
Tgt Ion: 82 Resp: 687033

Ion Ratio Lower Upper

82 100

95 8.1 6.3 9.5

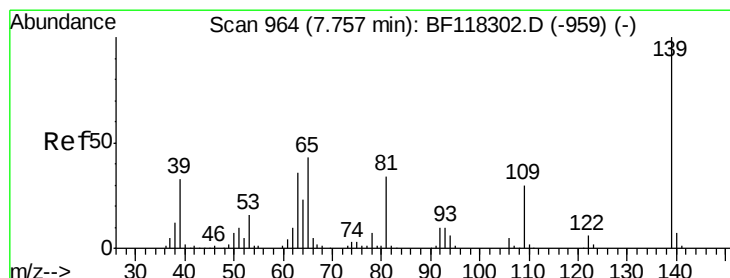
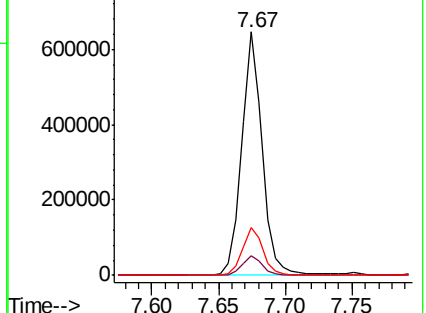
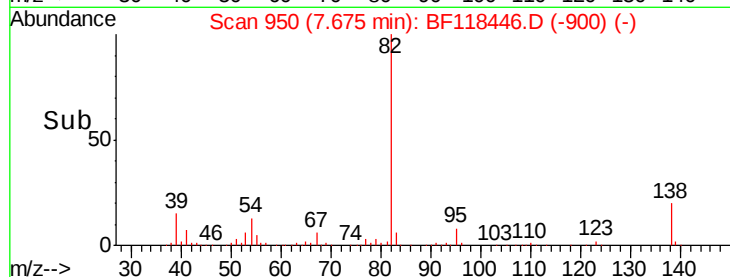
138 19.8 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.304 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

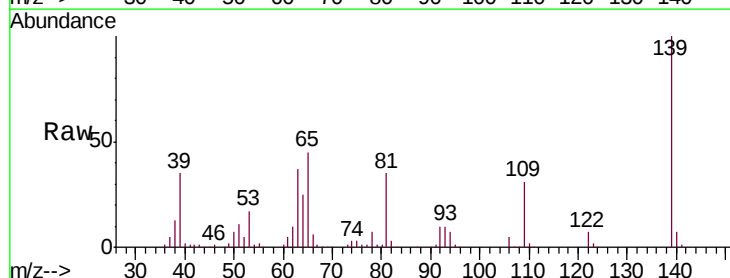
Tgt Ion: 139 Resp: 212496

Ion Ratio Lower Upper

139 100

109 31.0 24.1 36.1

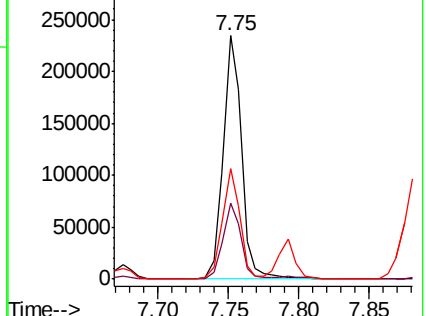
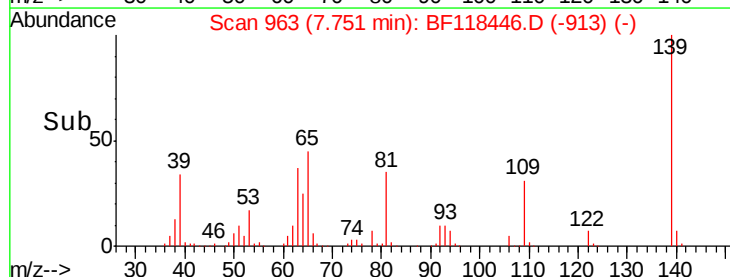
65 45.3 34.6 52.0

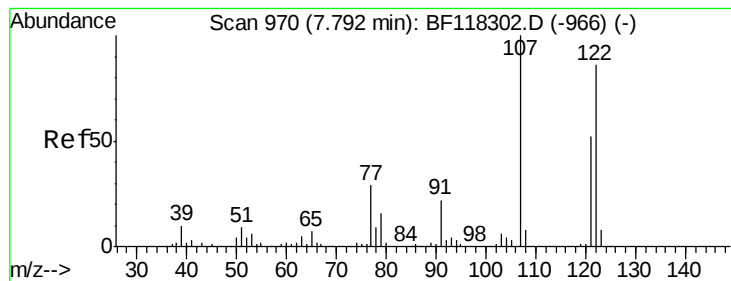


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 53.731 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

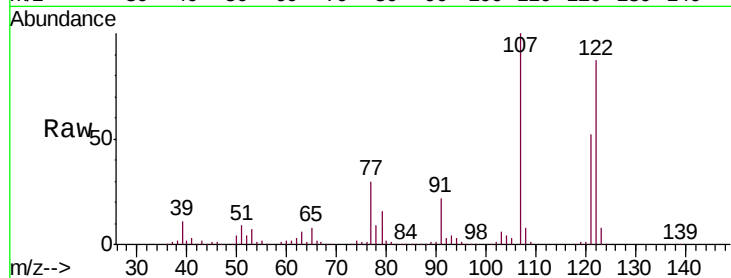
Tgt Ion:122 Resp: 343858

Ion Ratio Lower Upper

122 100

107 115.4 92.9 139.3

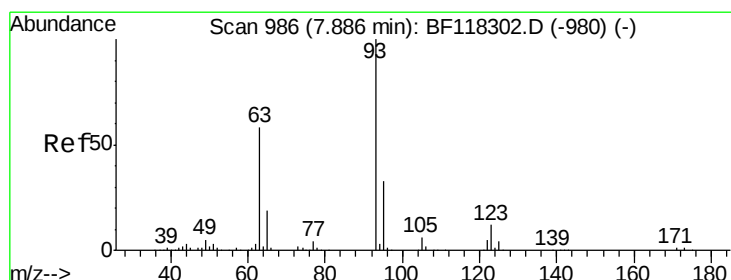
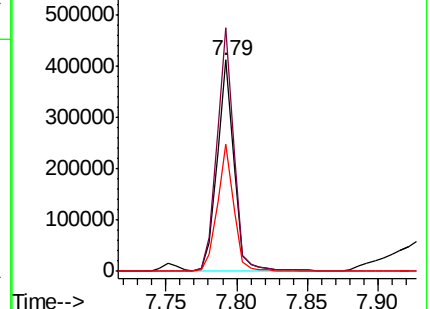
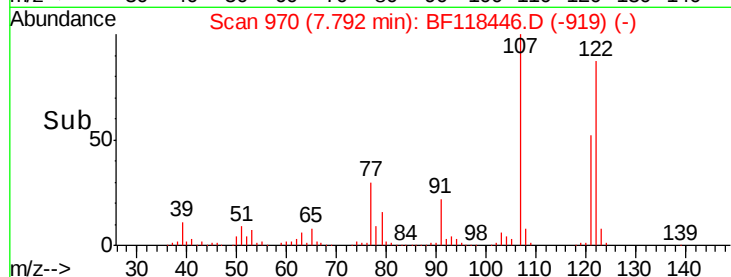
121 60.2 47.9 71.9



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: 43.326 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

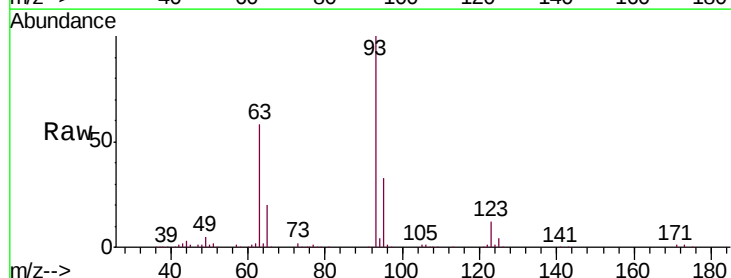
Tgt Ion: 93 Resp: 436544

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

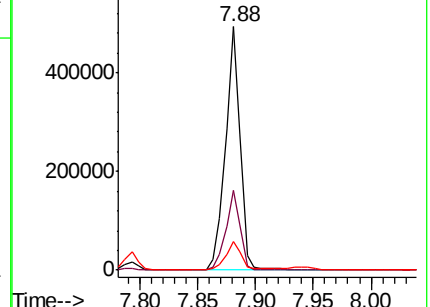
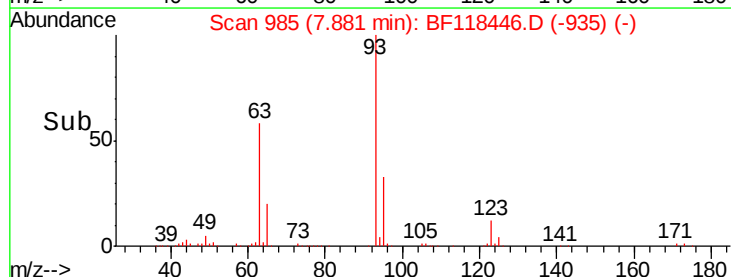
123 11.8 9.8 14.8

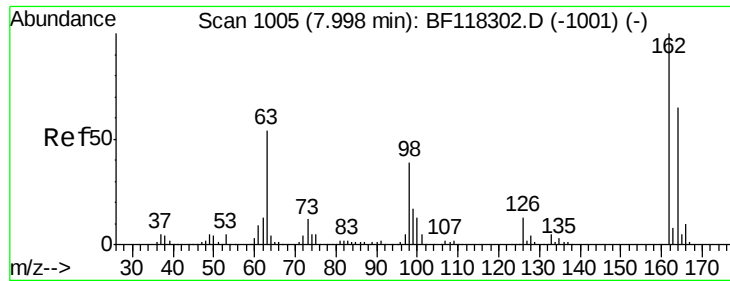


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

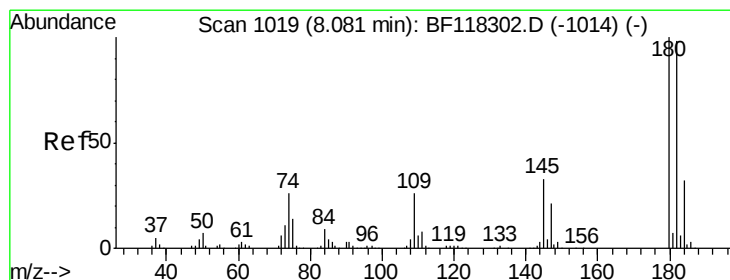
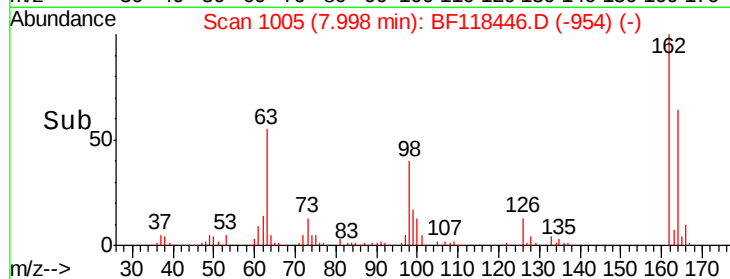
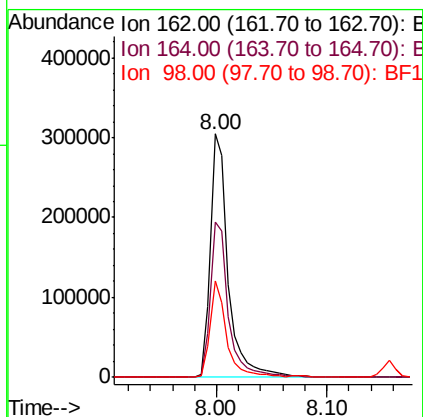
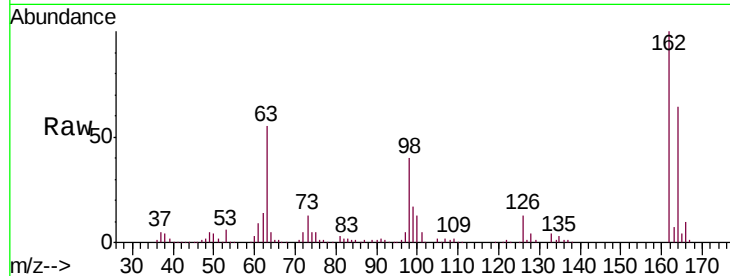




#29
 2,4-Dichlorophenol
 Concen: 45.412 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

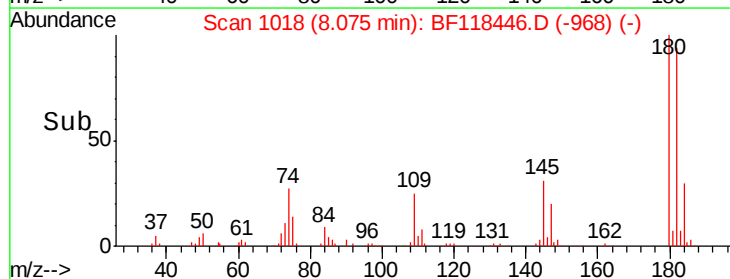
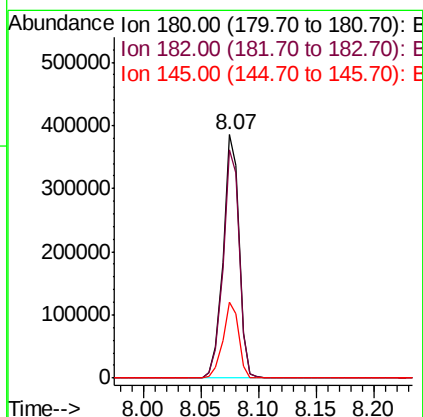
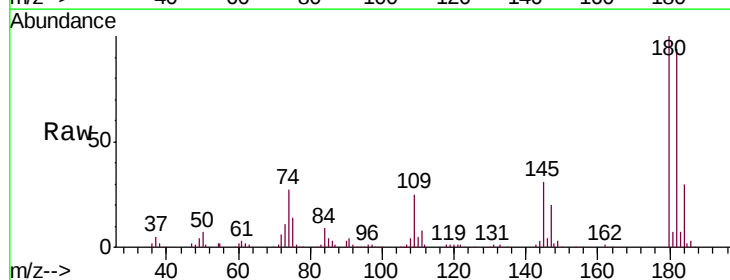
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

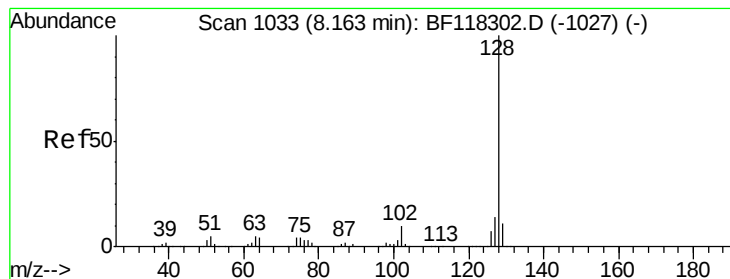
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.1	85.1
98	39.6	18.6	58.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.074 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.3	117.5
145	31.0	26.7	40.1





#31

Naphthalene

Concen: 45.720 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

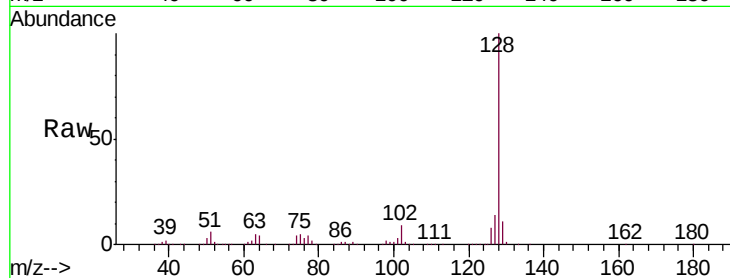
Tgt Ion:128 Resp: 1174952

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

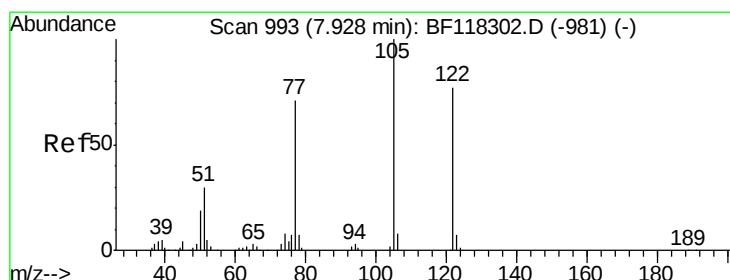
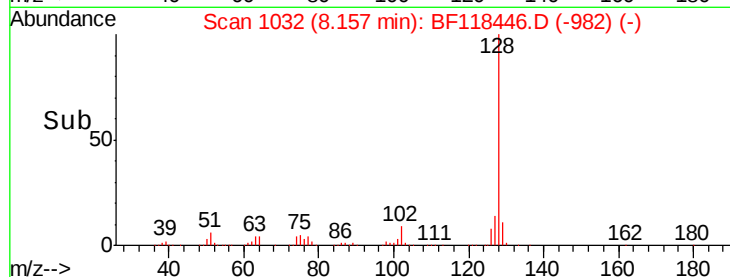
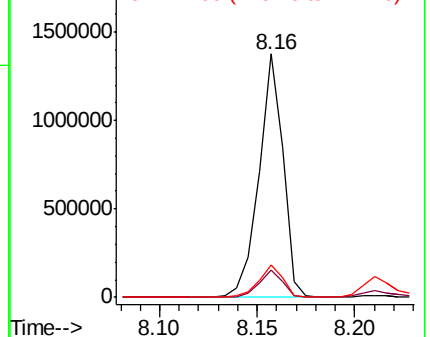
127 13.5 11.0 16.4



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: 37.703 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

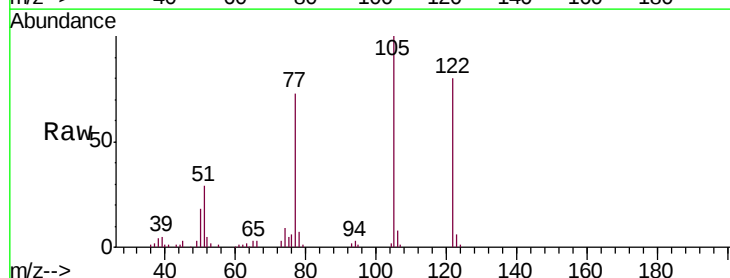
Tgt Ion:122 Resp: 196287

Ion Ratio Lower Upper

122 100

105 125.0 106.8 146.8

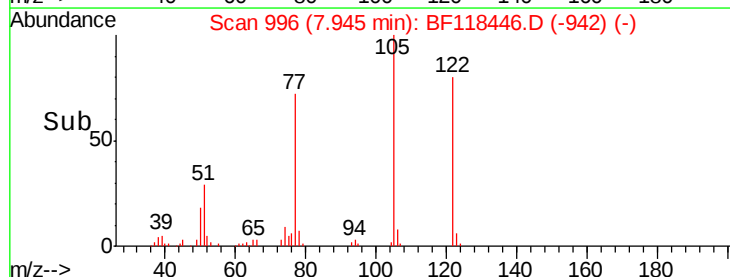
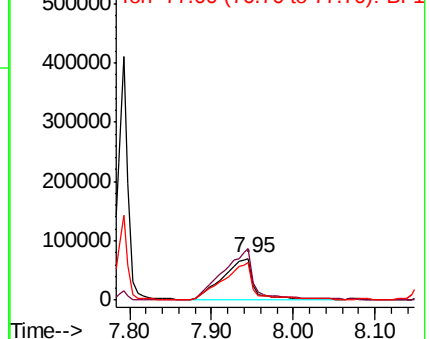
77 91.4 70.4 110.4

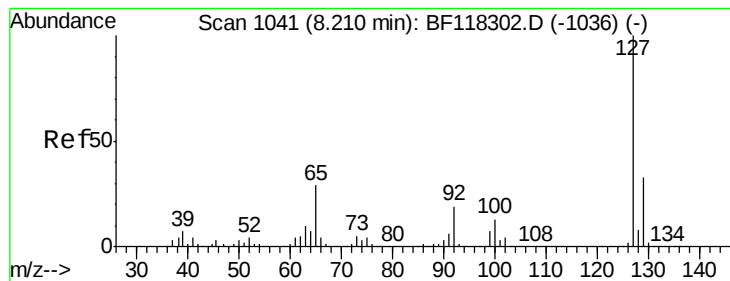


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 13.755 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tgt Ion:127 Resp: 151534

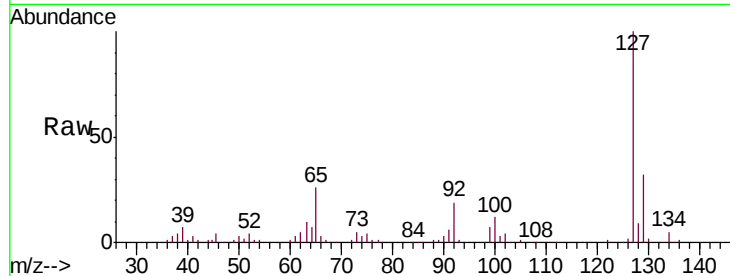
Ion Ratio Lower Upper

127 100

129 32.4 26.5 39.7

65 25.8 22.8 34.2

92 19.2 15.5 23.3

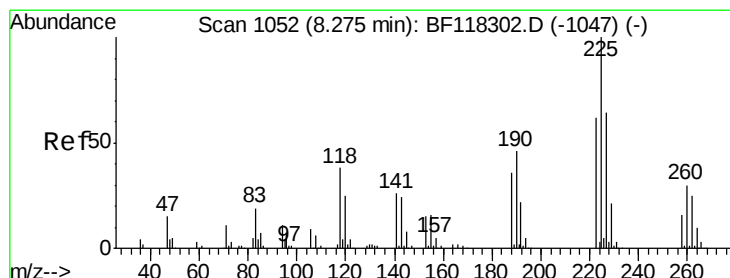
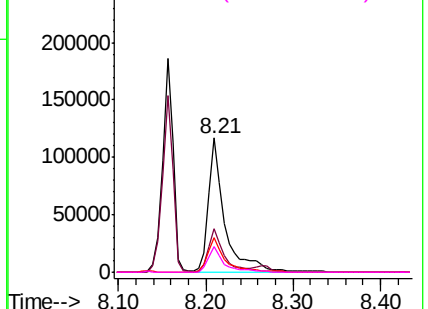
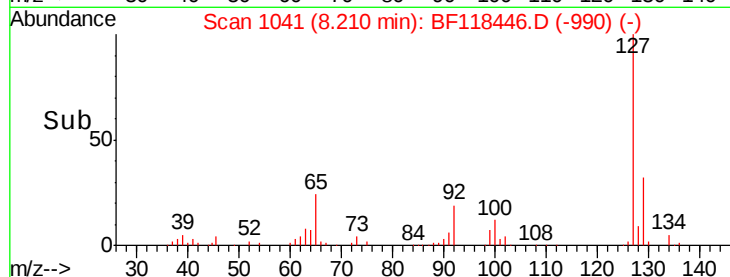


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.329 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

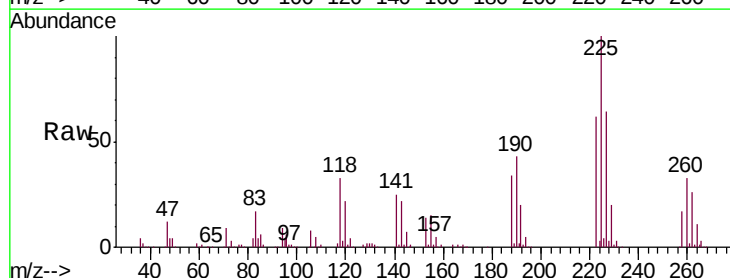
Tgt Ion:225 Resp: 211092

Ion Ratio Lower Upper

225 100

223 62.3 49.5 74.3

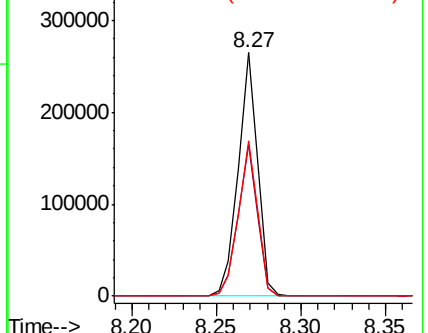
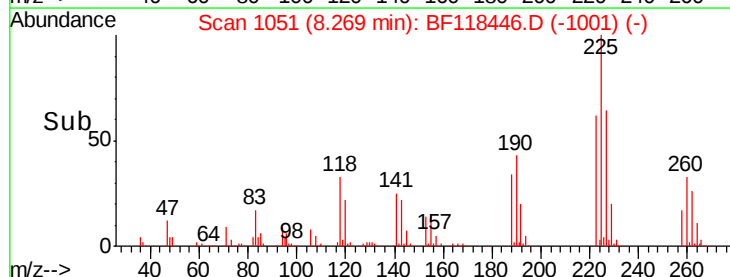
227 63.7 51.0 76.4

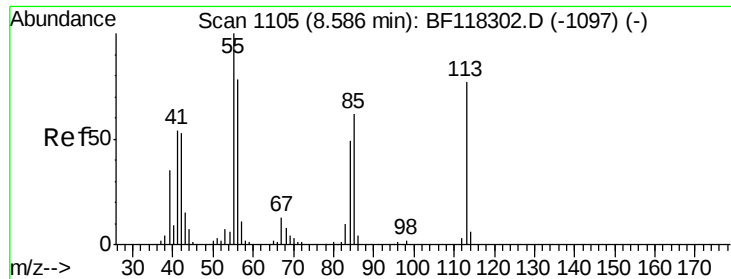


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

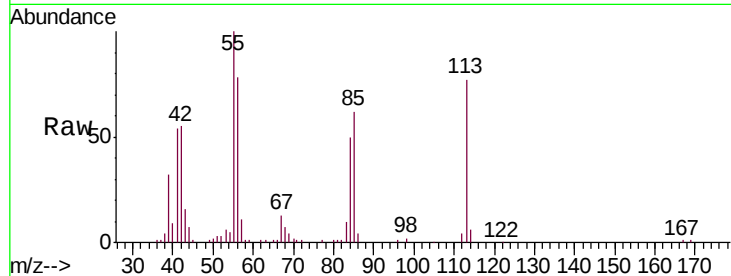




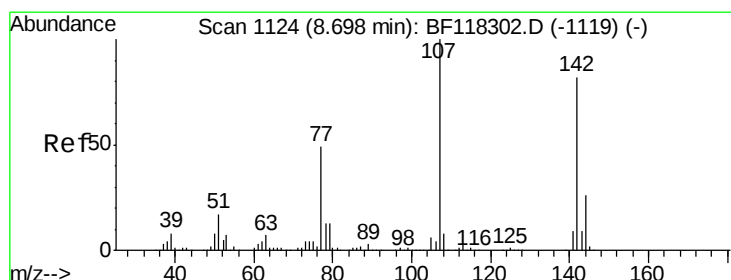
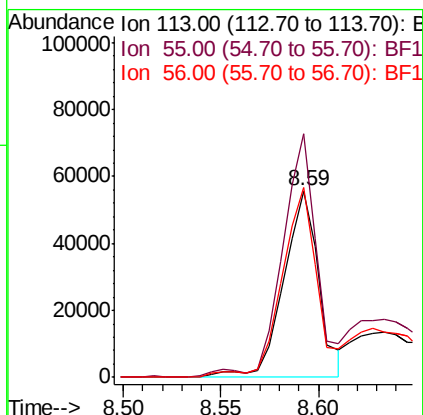
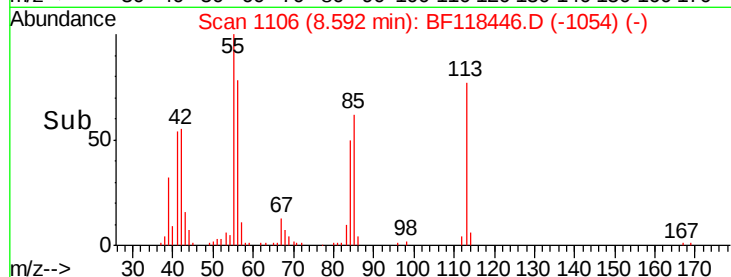
#35
 Caprolactam
 Concen: 29.997 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tgt Ion:113 Resp: 68982
 Ion Ratio Lower Upper
 113 100
 55 130.7 109.8 149.8
 56 101.7 81.7 121.7

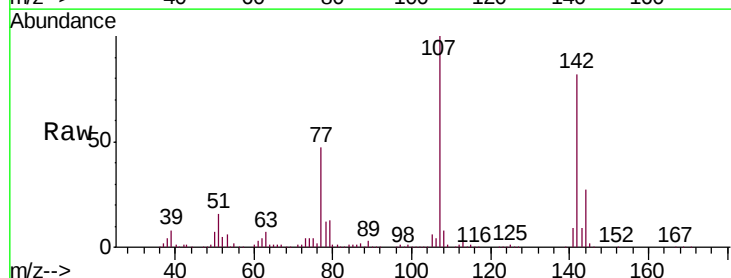


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

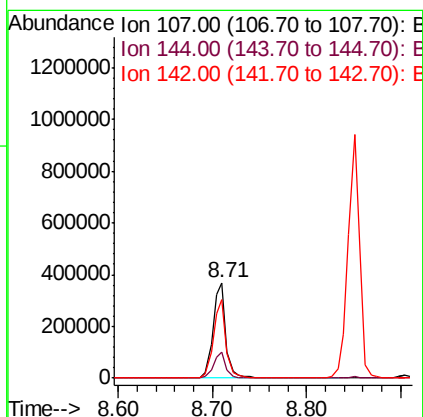
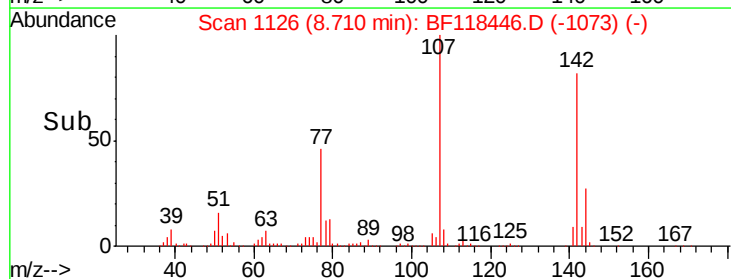


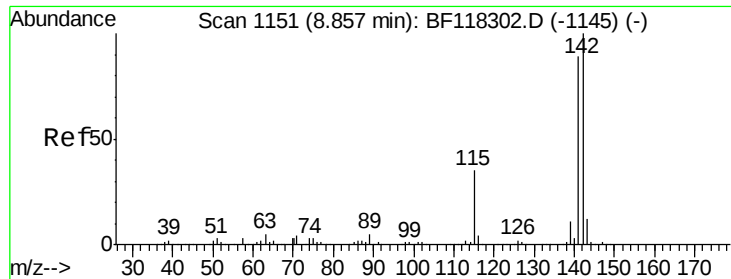
#36
 4-Chloro-3-methylphenol
 Concen: 45.355 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:107 Resp: 358683
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.2 31.8
 142 82.4 65.4 98.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

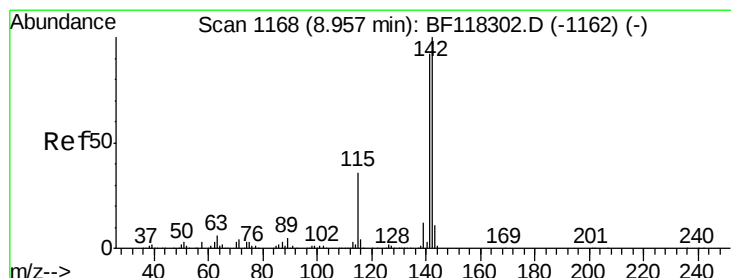
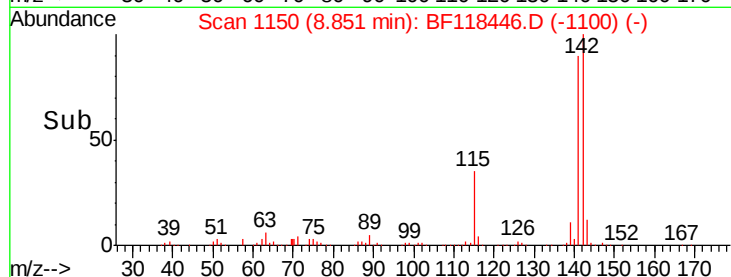
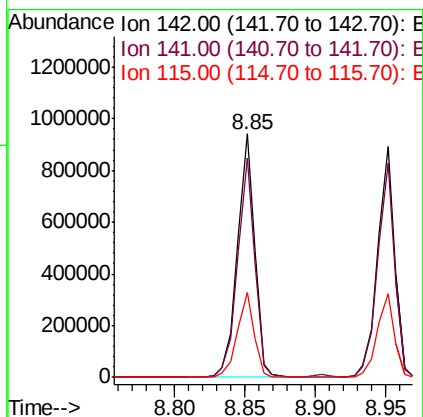
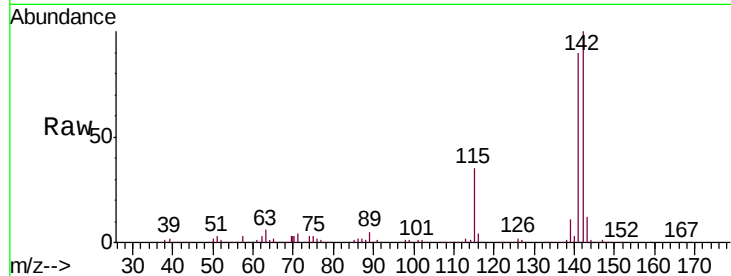




#37
2-Methylnaphthalene
Concen: 45.777 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

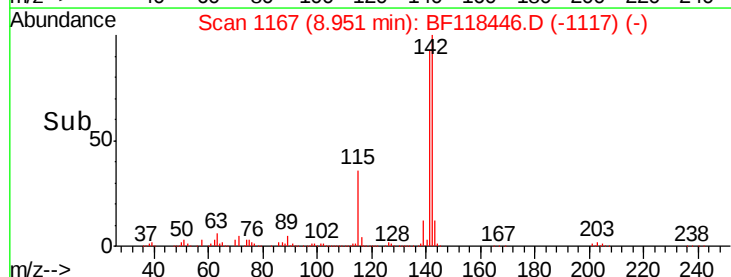
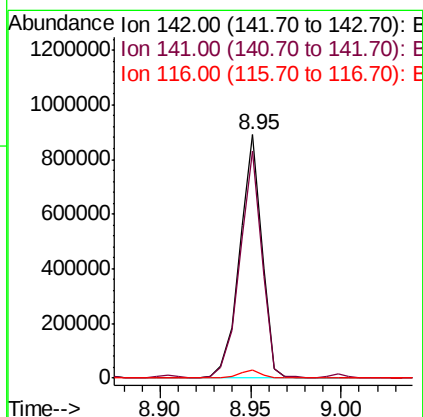
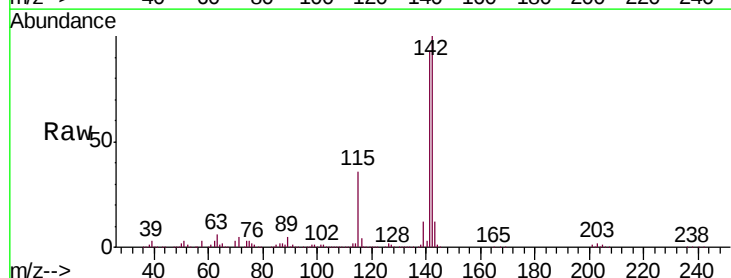
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

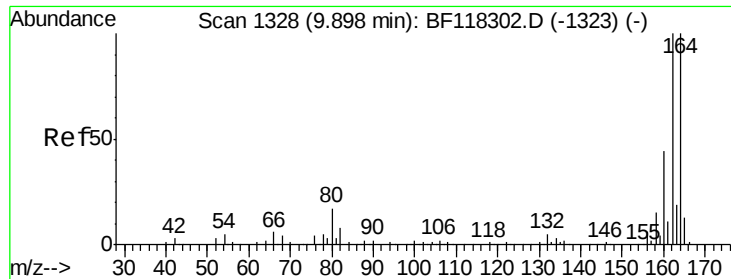
Tgt Ion:142 Resp: 805433
Ion Ratio Lower Upper
142 100
141 90.1 71.2 106.8
115 34.9 28.0 42.0



#38
1-Methylnaphthalene
Concen: 45.478 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:142 Resp: 753884
Ion Ratio Lower Upper
142 100
141 93.2 73.4 110.2
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

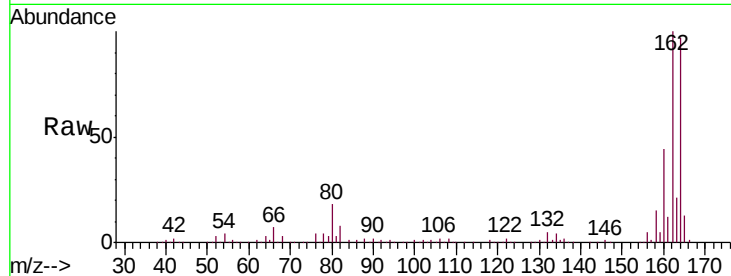
Tgt Ion:164 Resp: 264149

Ion Ratio Lower Upper

164 100

162 102.7 80.0 120.0

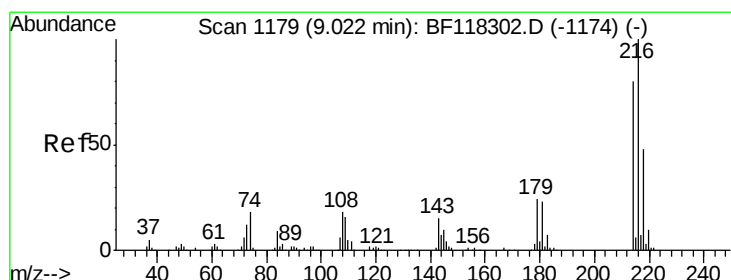
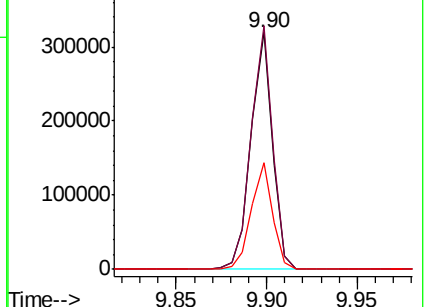
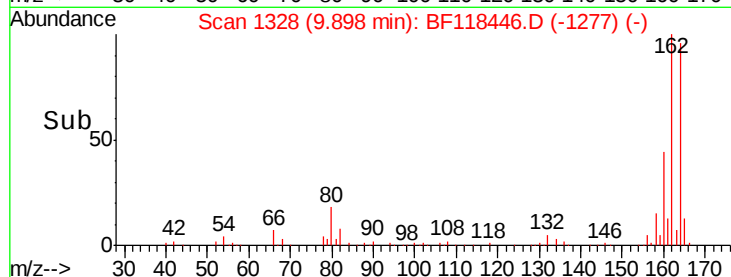
160 44.7 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.675 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Tgt Ion:216 Resp: 354566

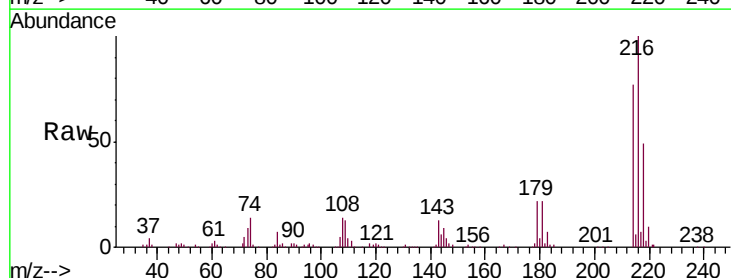
Ion Ratio Lower Upper

216 100

214 77.7 63.3 94.9

179 23.1 18.9 28.3

108 17.9 15.0 22.6

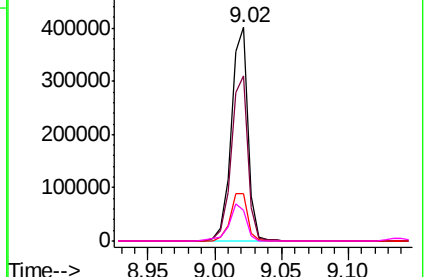
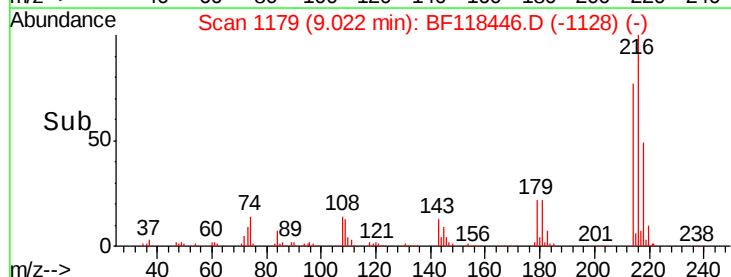


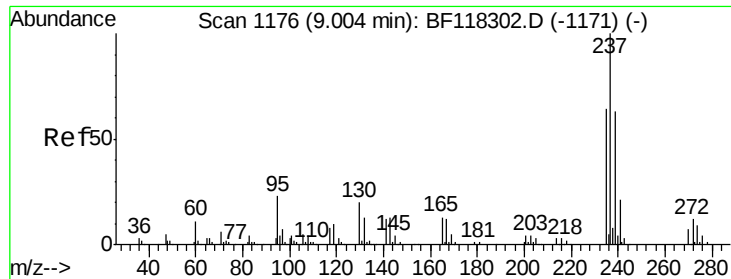
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

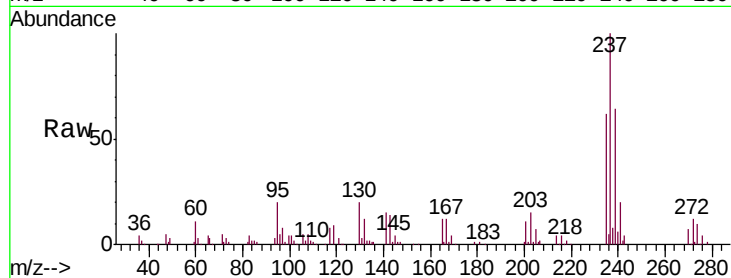




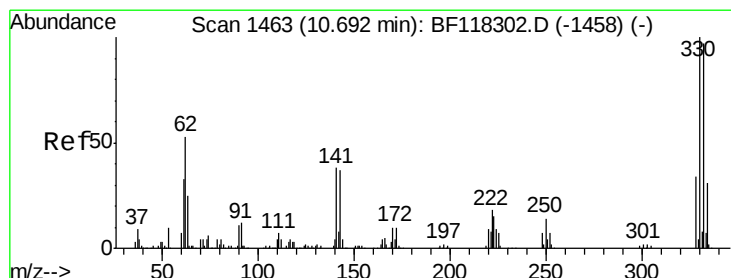
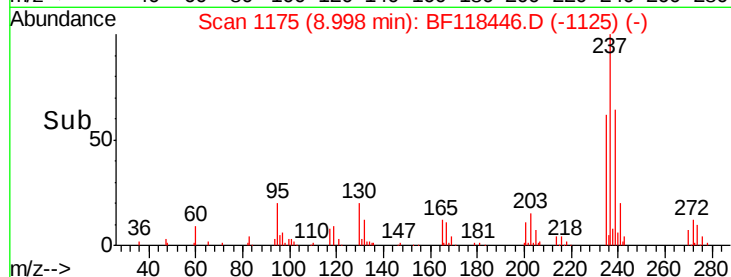
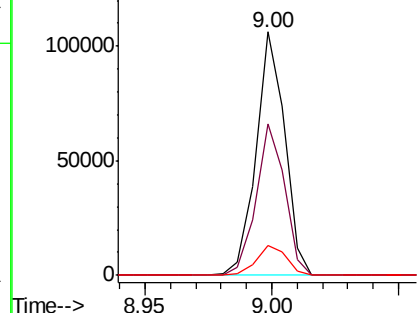
#41
Hexachlorocyclopentadiene
Concen: 31.319 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tgt Ion:	237	Resp:	83945
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.8	83.8
272	12.2	0.0	31.7

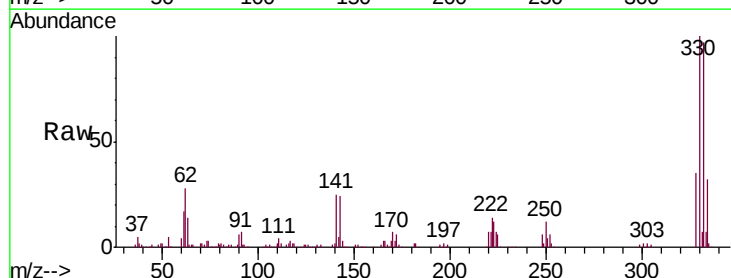


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

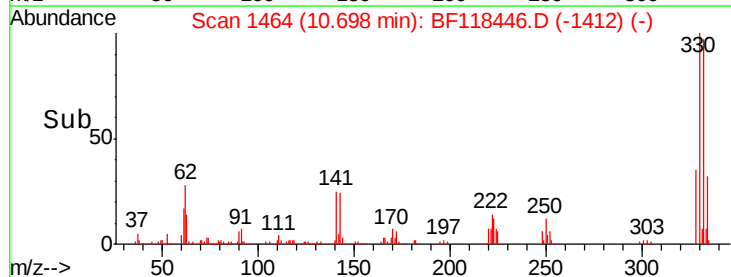
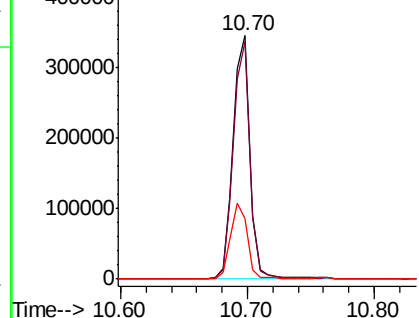


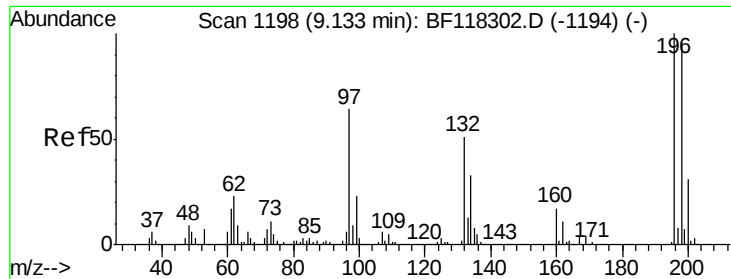
#42
2,4,6-Tribromophenol
Concen: 98.198 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:	330	Resp:	320325
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	114.8
141	31.3	26.0	39.0



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

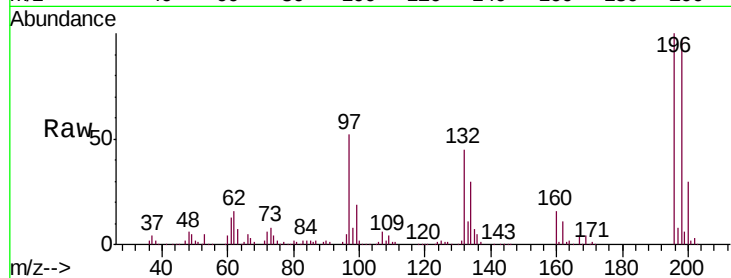




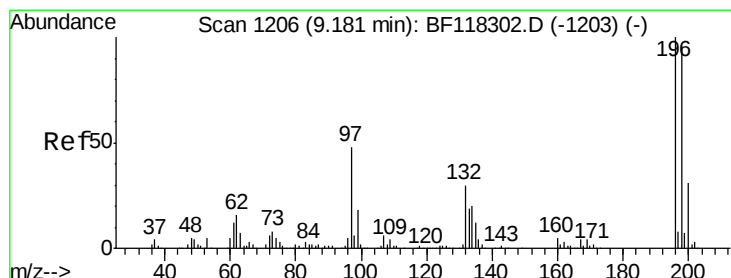
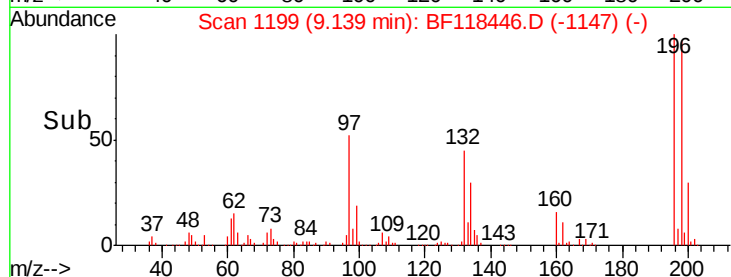
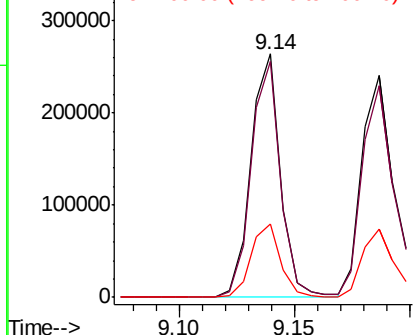
#43
 2,4,6-Trichlorophenol
 Concen: 44.668 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tgt Ion:196 Resp: 236839
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.7 115.1
 200 30.3 24.8 37.2



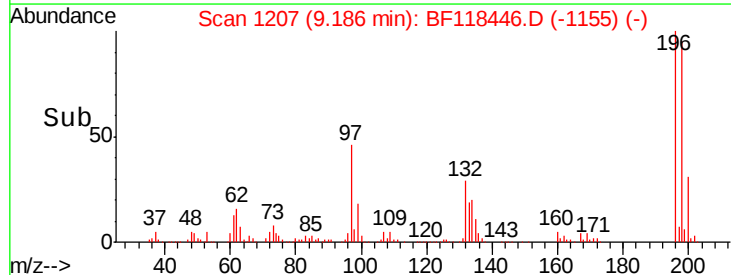
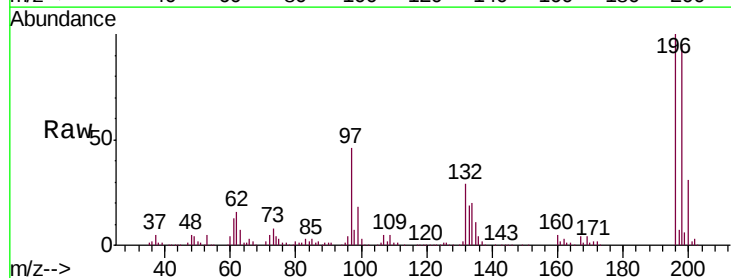
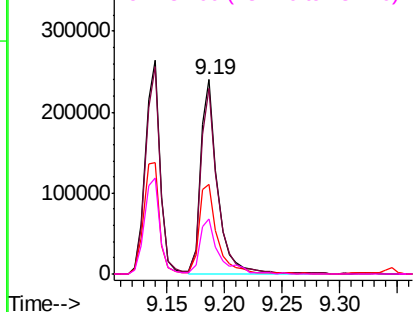
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

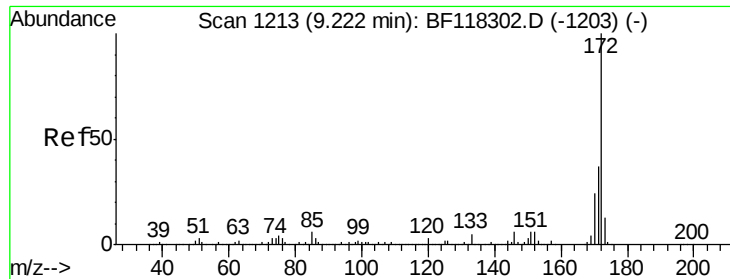


#44
 2,4,5-Trichlorophenol
 Concen: 45.336 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:196 Resp: 247280
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.0 115.4
 97 46.4 38.9 58.3
 132 28.5 23.9 35.9

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

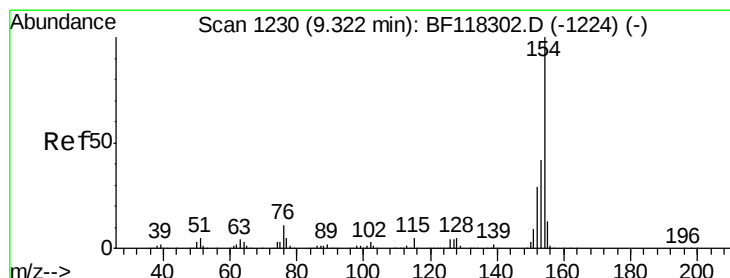
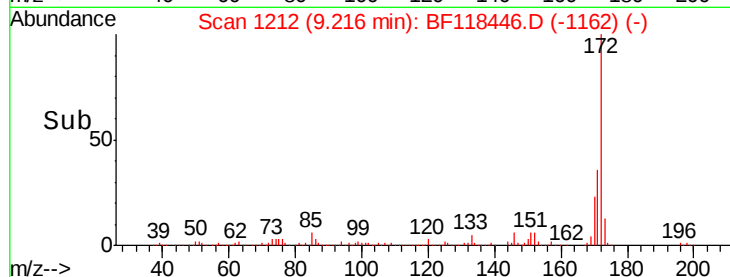
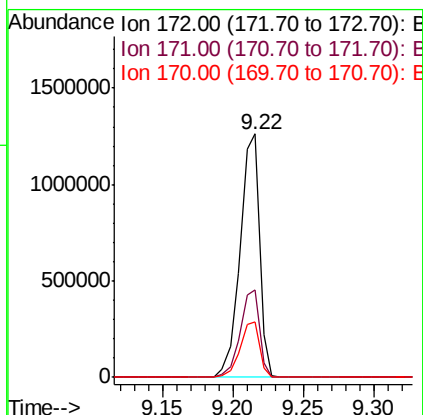
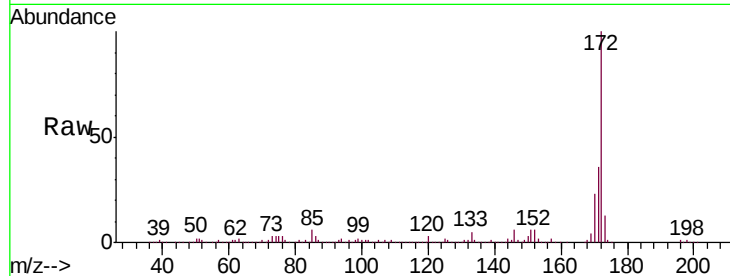




#45
2-Fluorobiphenyl
Concen: 69.976 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

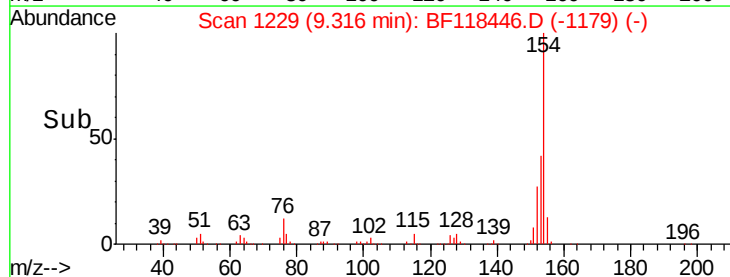
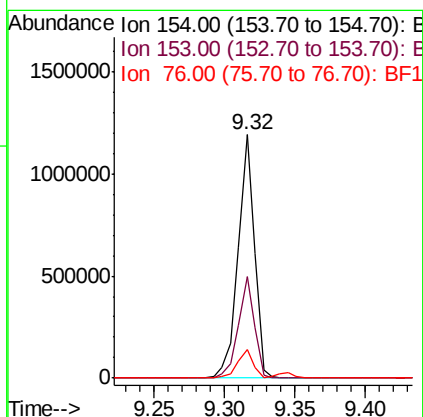
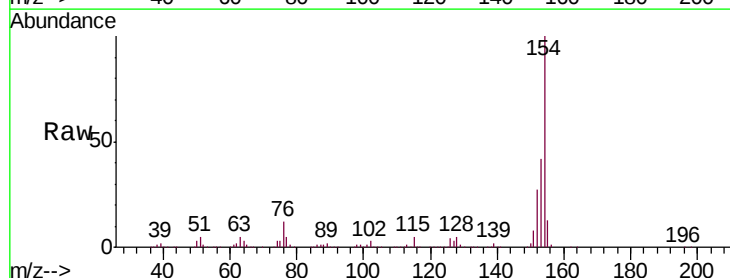
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

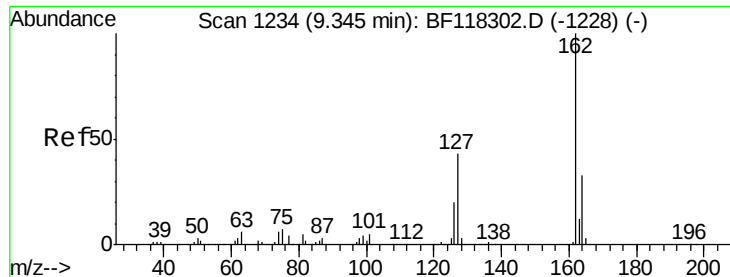
Tgt Ion:172 Resp: 1210911
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 22.9 19.2 28.8



#46
1,1'-Biphenyl
Concen: 46.090 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:154 Resp: 962950
Ion Ratio Lower Upper
154 100
153 41.6 21.8 61.8
76 11.7 0.0 30.9

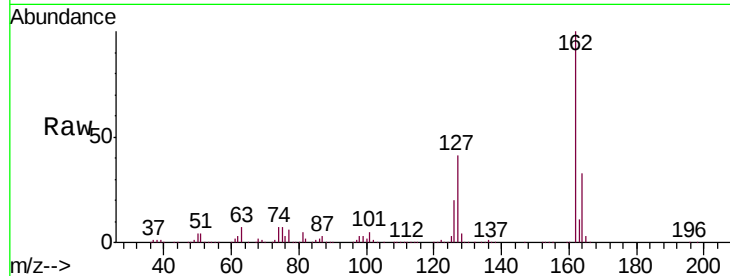




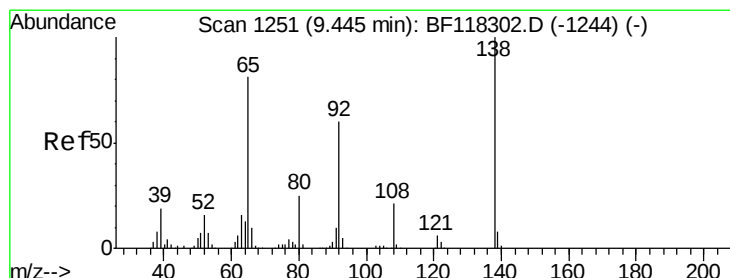
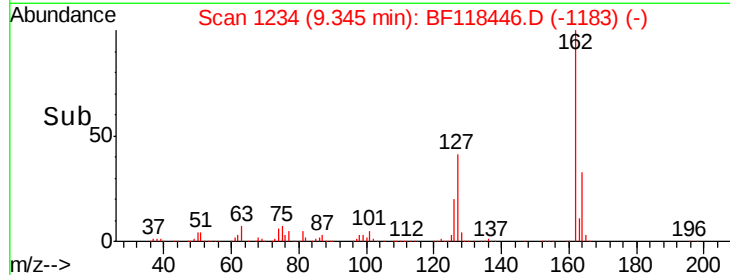
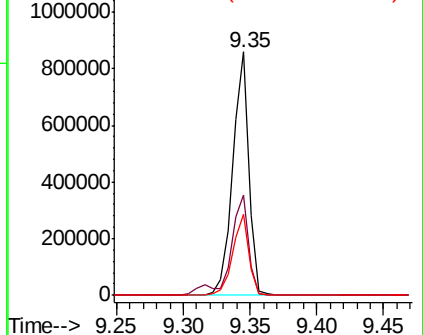
#47
 2-Chloronaphthalene
 Concen: 43.741 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tgt Ion:	162	Resp:	735509
Ion	Ratio	Lower	Upper
162	100		
127	41.4	35.0	52.4
164	33.5	26.6	40.0

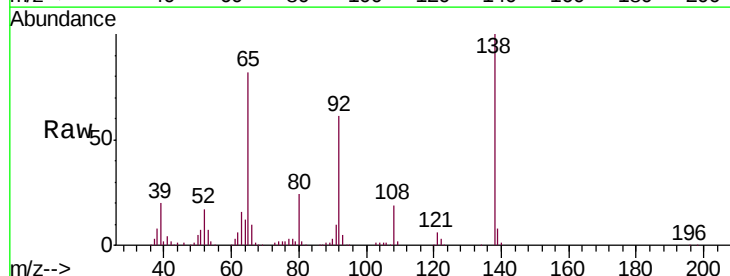


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

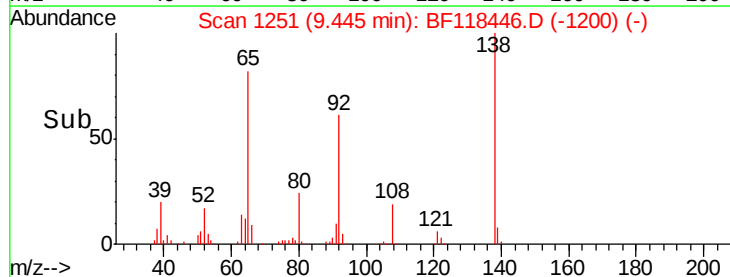
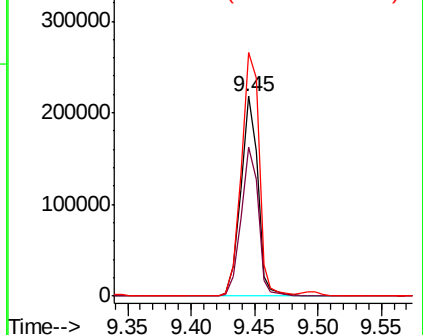


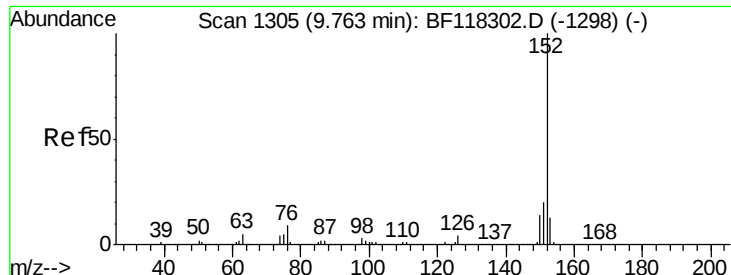
#48
 2-Nitroaniline
 Concen: 42.352 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:	65	Resp:	201152
Ion	Ratio	Lower	Upper
65	100		
92	74.5	58.7	88.1
138	121.8	98.5	147.7



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: 45.738 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

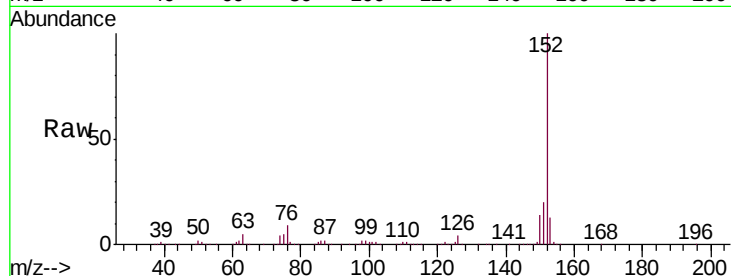
Tgt Ion:152 Resp: 1140646

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

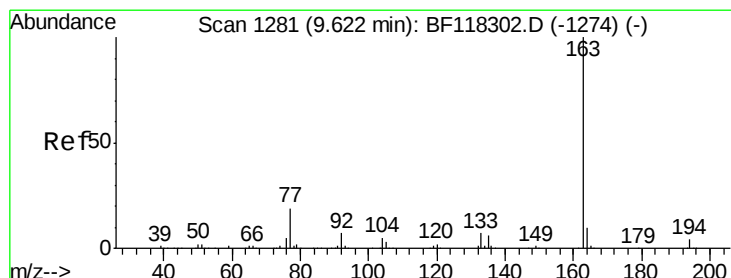
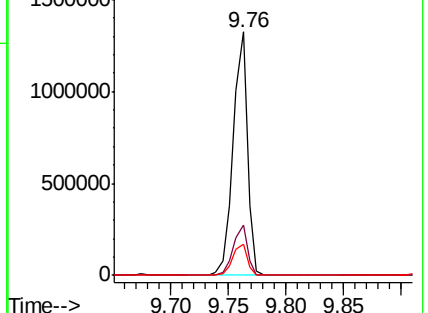
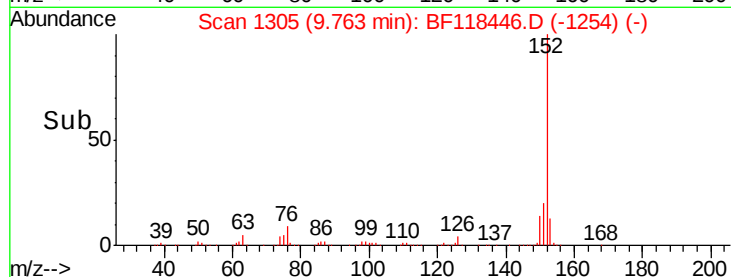
153 13.0 10.5 15.7



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: 47.730 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

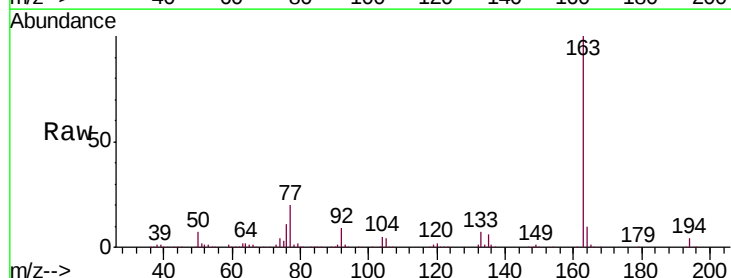
Tgt Ion:163 Resp: 946399

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

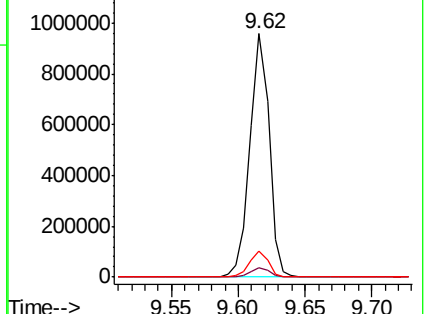
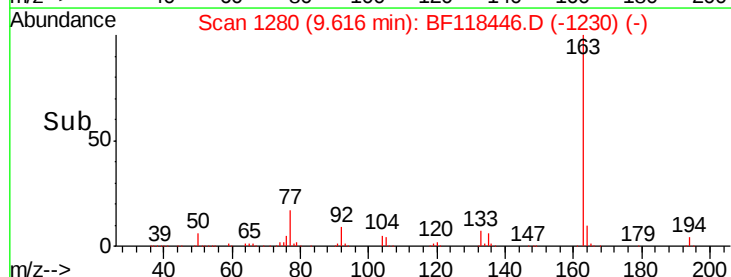
164 10.5 7.9 11.9

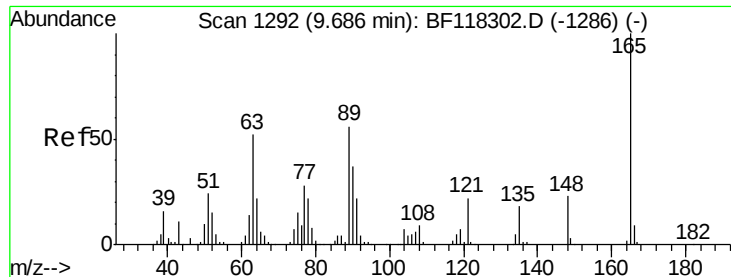


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

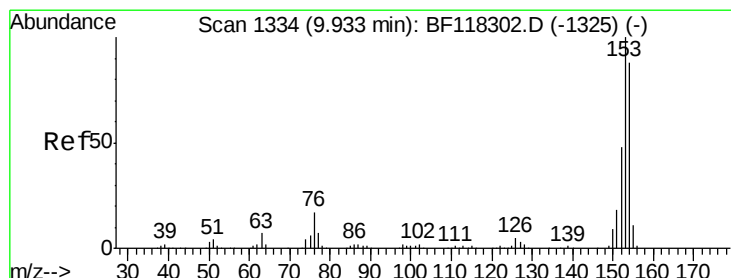
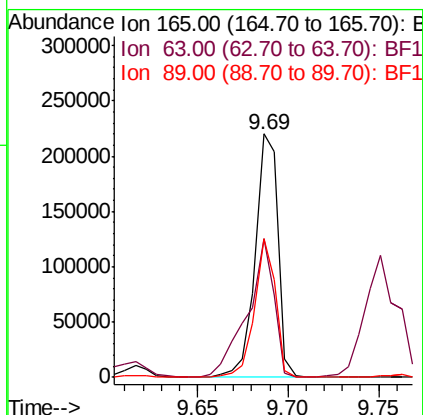
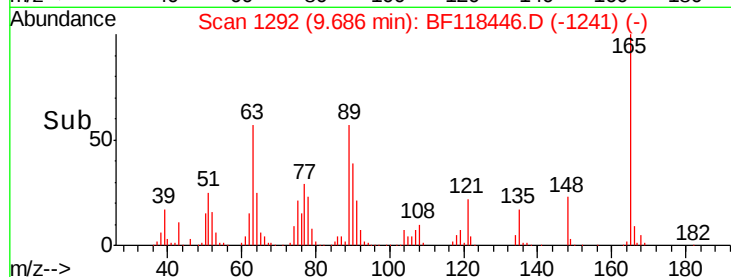
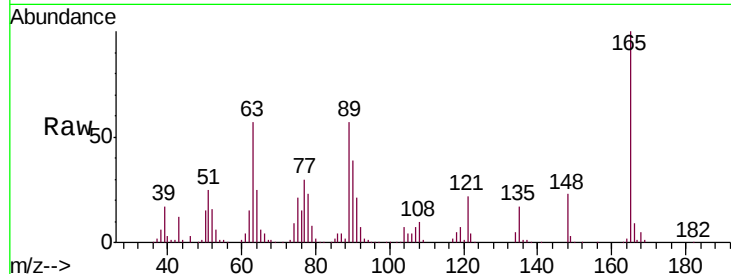




#51
 2,6-Dinitrotoluene
 Concen: 44.962 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

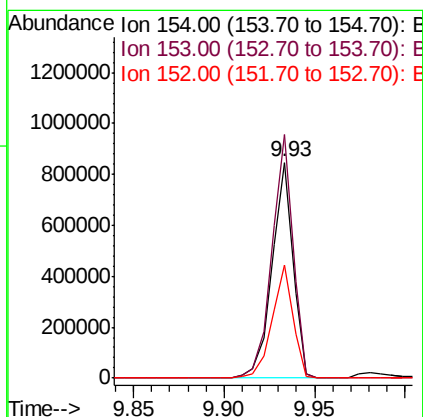
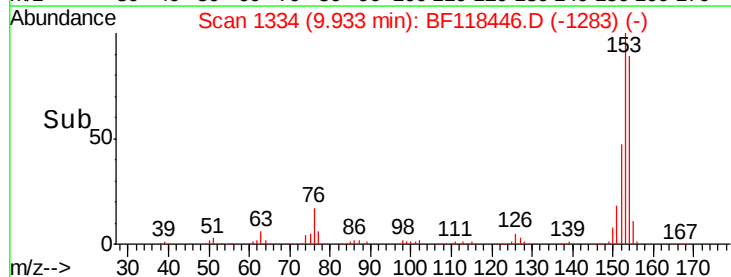
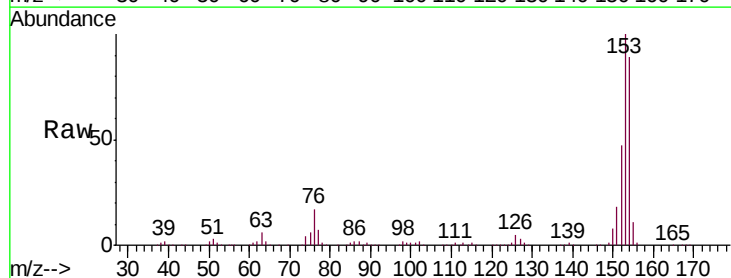
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

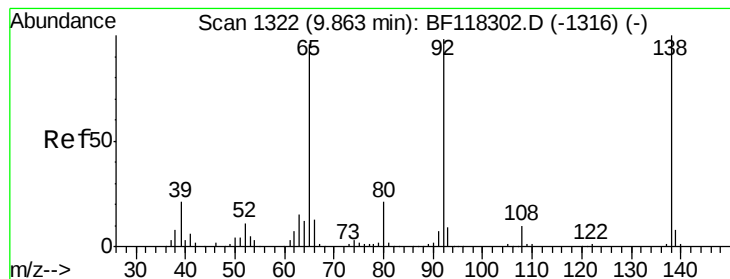
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.9	42.2	63.4
89	57.0	44.4	66.6



#52
 Acenaphthene
 Concen: 44.754 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.6	136.0
152	52.7	43.1	64.7





#53

3-Nitroaniline

Concen: 24.310 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

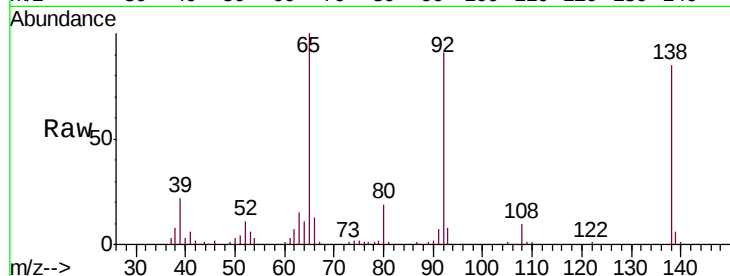
Tgt Ion:138 Resp: 121971

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

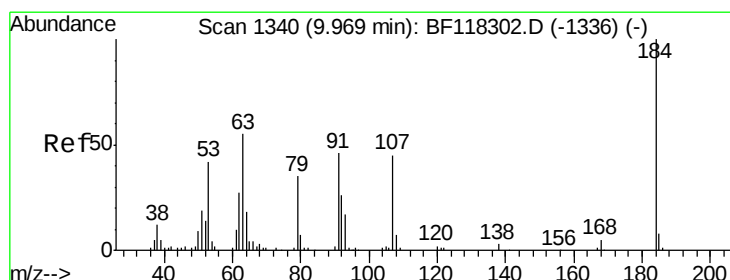
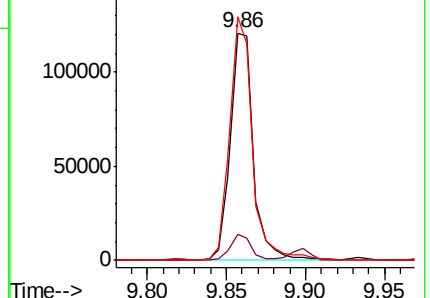
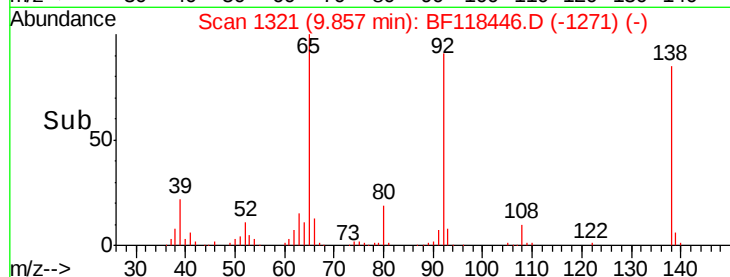
92 107.0 78.2 117.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 23.453 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

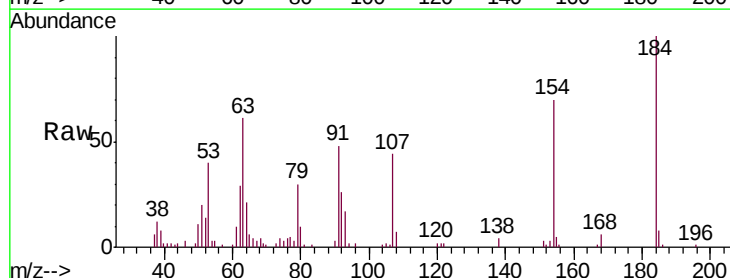
Tgt Ion:184 Resp: 42105

Ion Ratio Lower Upper

184 100

63 60.8 48.8 73.2

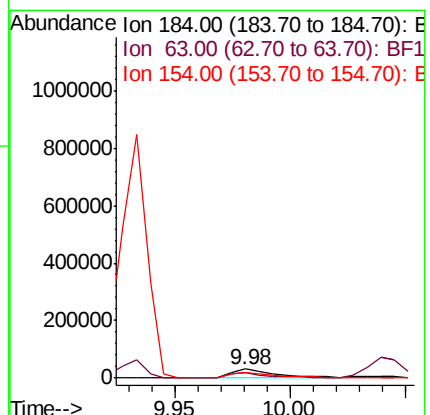
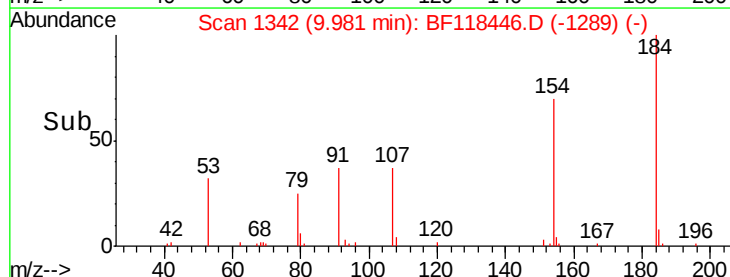
154 69.5 55.0 82.4

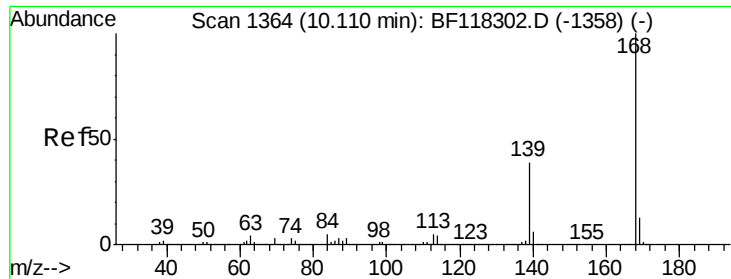


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

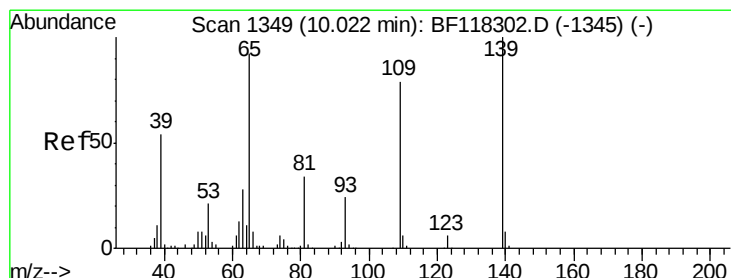
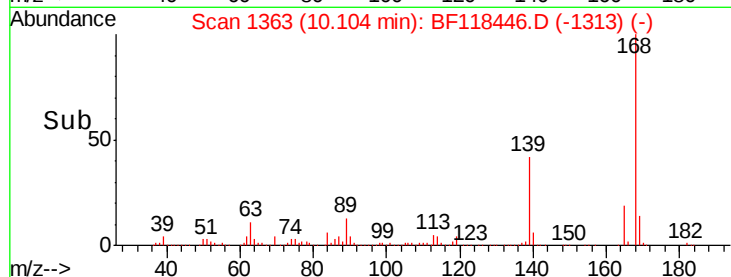
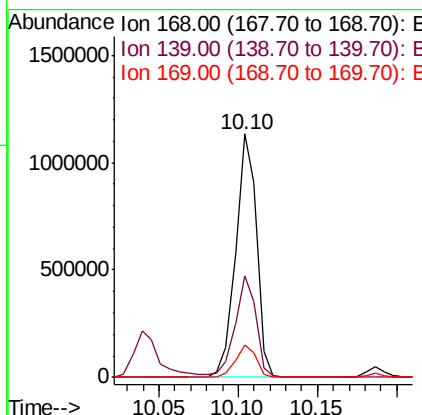
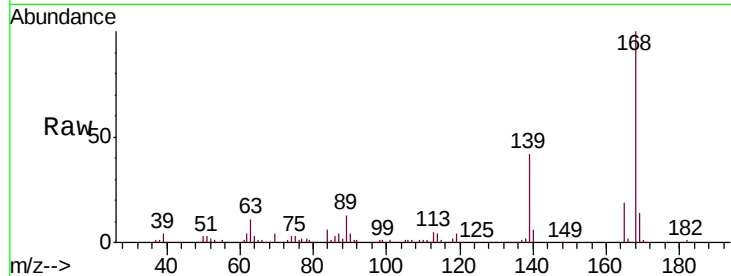




#55
Dibenzenofuran
Concen: 46.098 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

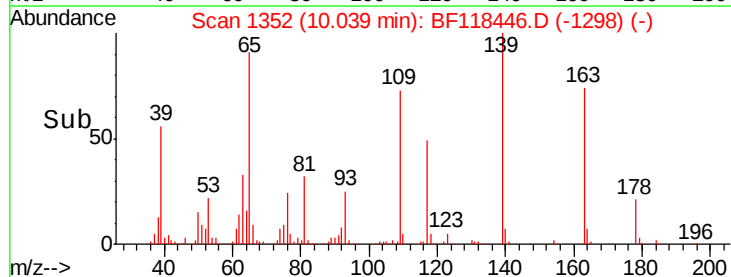
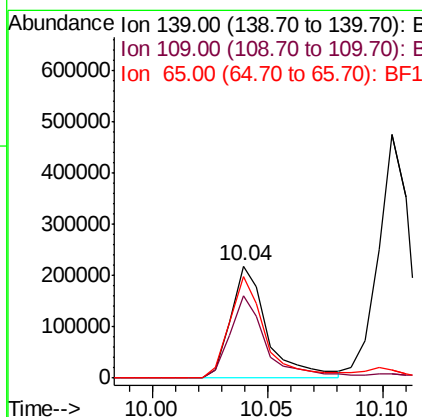
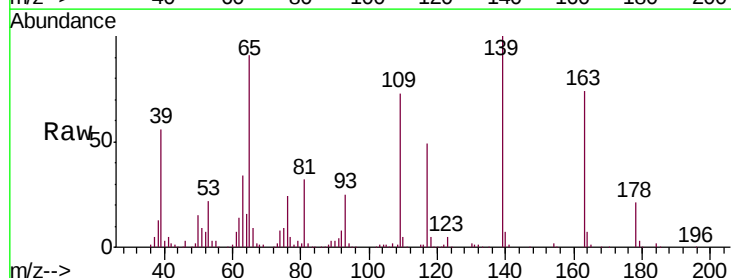
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

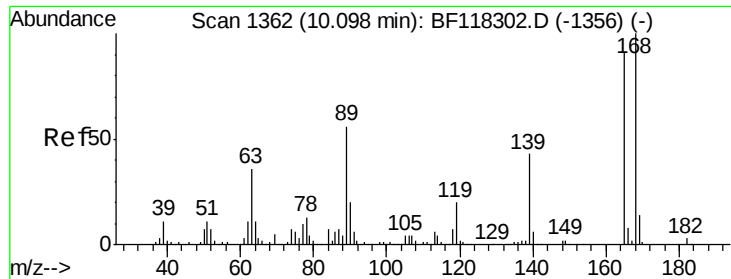
Tgt Ion:168 Resp: 1034674
Ion Ratio Lower Upper
168 100
139 41.9 31.5 47.3
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 78.625 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:139 Resp: 243532
Ion Ratio Lower Upper
139 100
109 73.4 59.3 99.3
65 90.9 72.4 112.4

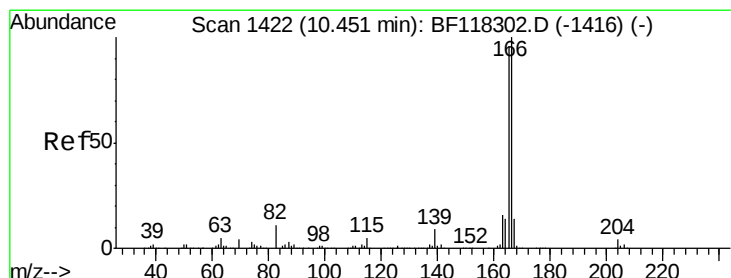
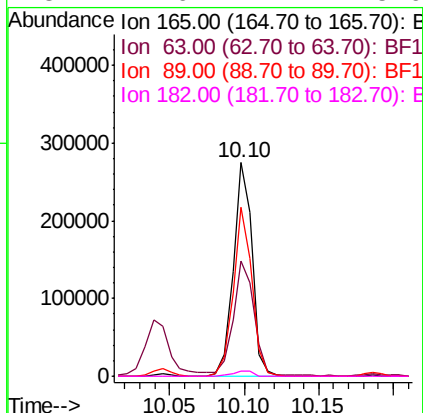
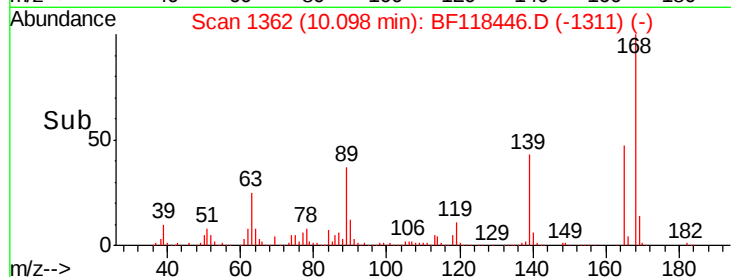
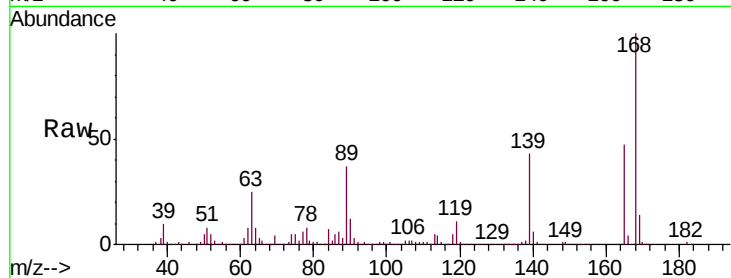




#57
2,4-Dinitrotoluene
Concen: 42.687 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

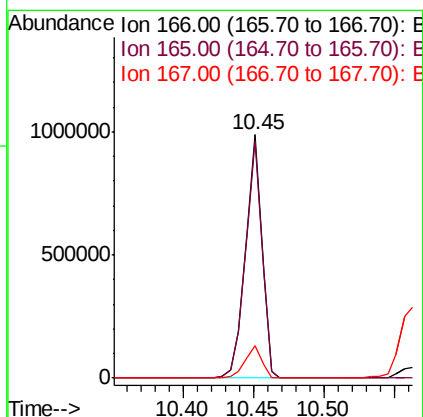
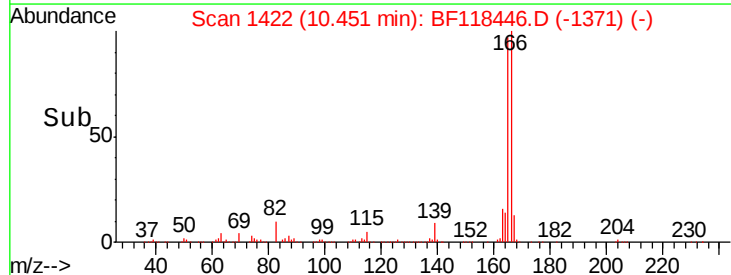
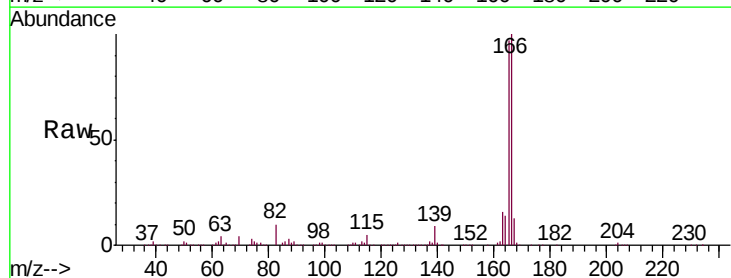
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

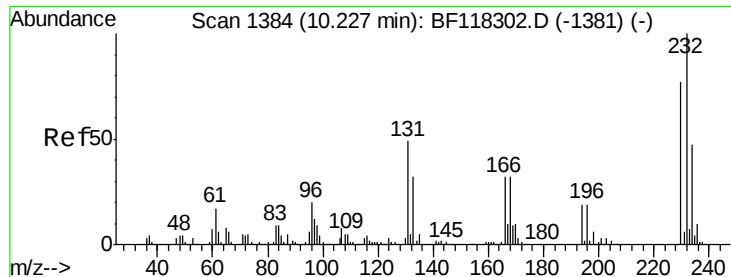
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	243829		
63	53.8	32.0	48.0#	
89	78.9	49.3	73.9#	
182	2.6	2.4	3.6	



#58
Fluorene
Concen: 44.480 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	805939		
165	97.3	77.0	115.4	
167	13.5	10.9	16.3	

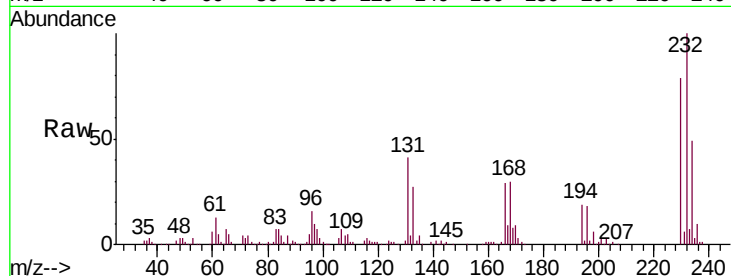




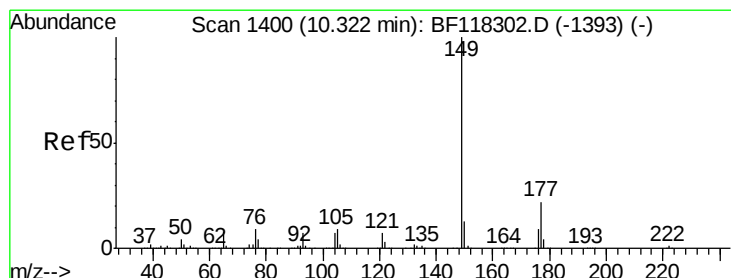
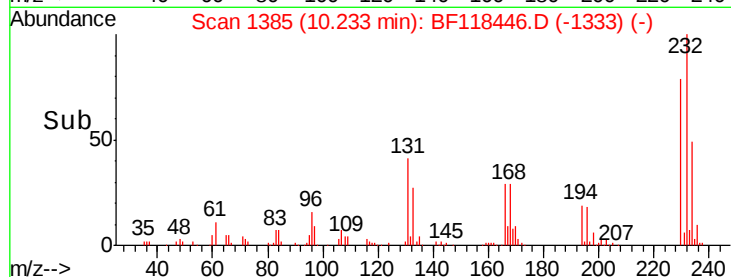
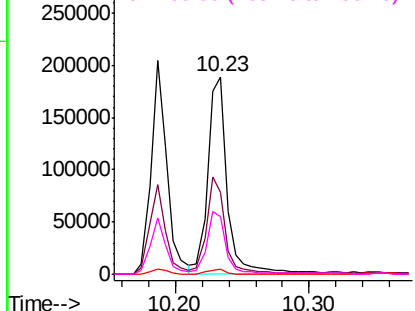
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.920 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tgt Ion:232 Resp: 189641
Ion Ratio Lower Upper
232 100
131 45.9 37.7 56.5
130 2.3 2.0 3.0
166 30.9 24.7 37.1

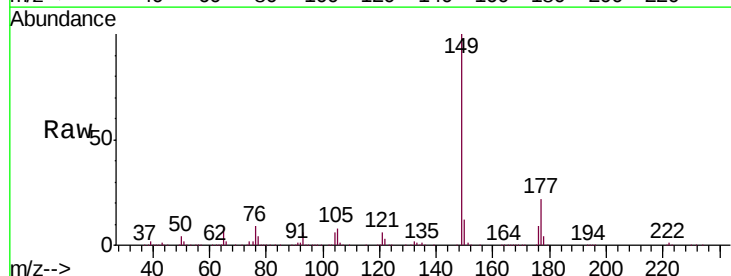


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

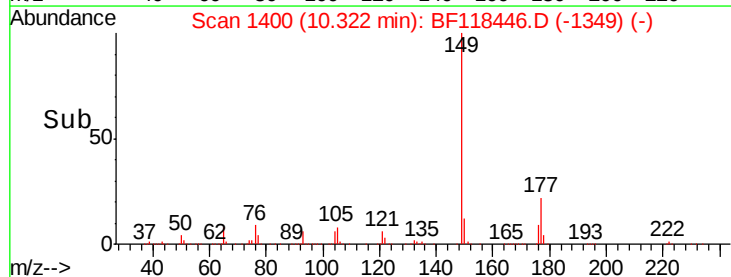
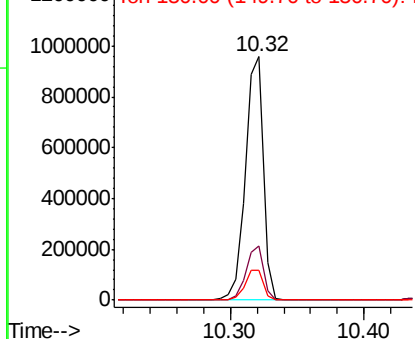


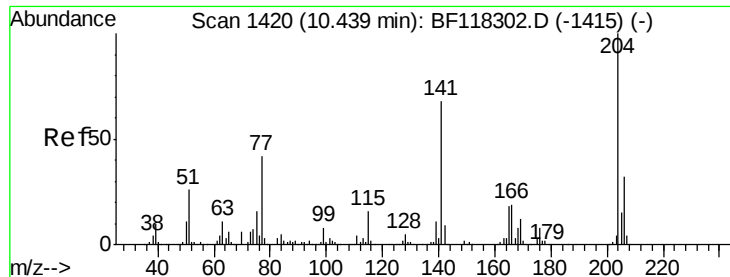
#60
Diethylphthalate
Concen: 44.935 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:149 Resp: 881445
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

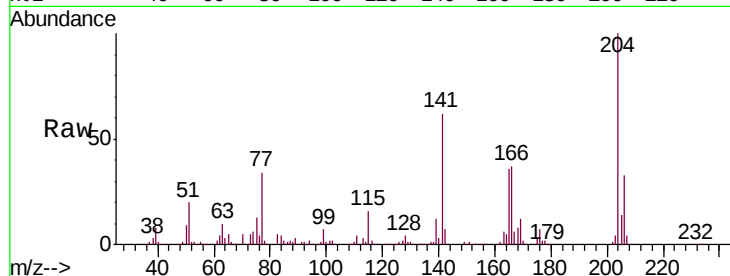




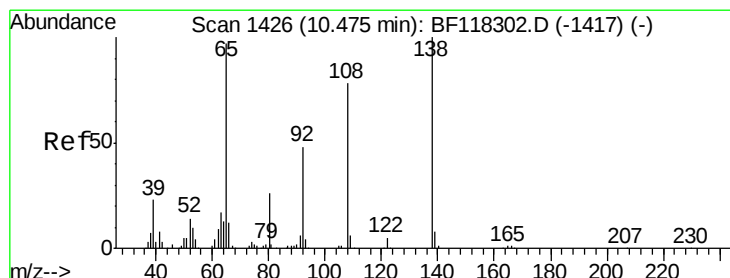
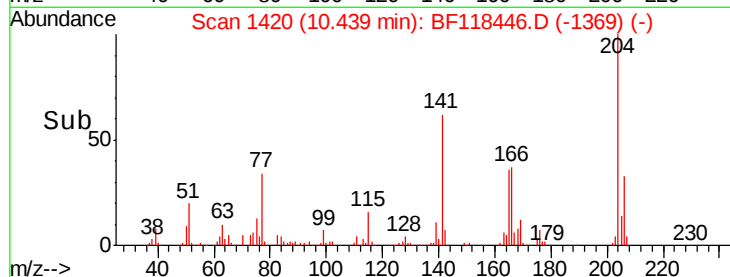
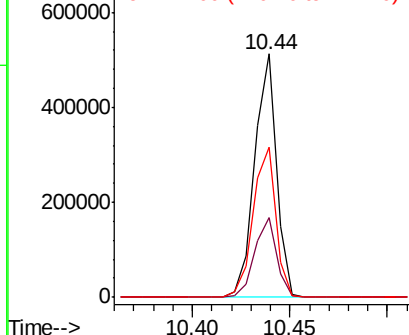
#61
4-Chlorophenyl-phenylether
Concen: 44.190 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tgt Ion:204 Resp: 399701
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.8
141 61.9 54.2 81.4

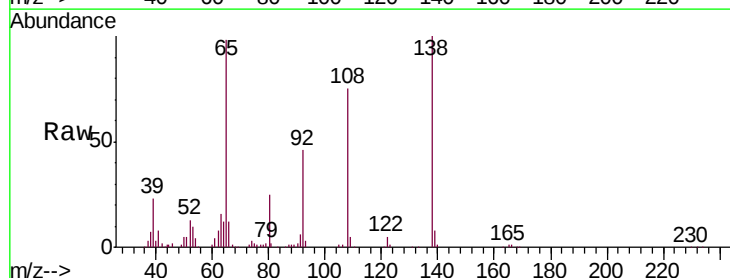


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

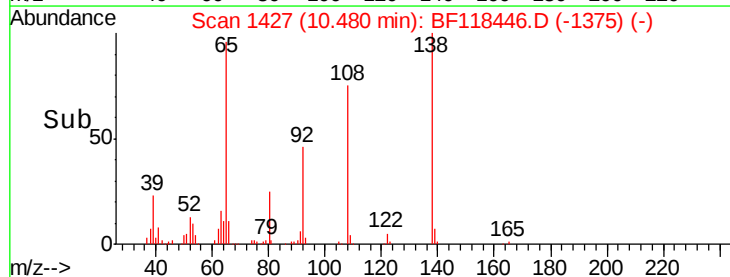
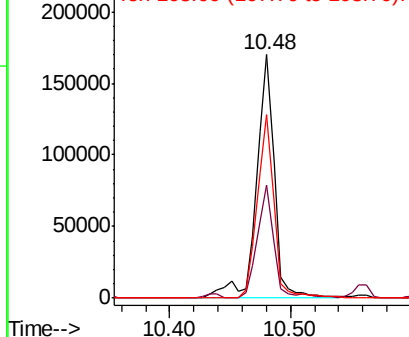


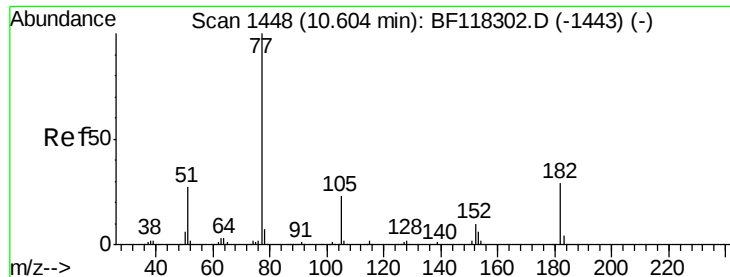
#62
4-Nitroaniline
Concen: 34.006 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:138 Resp: 177250
Ion Ratio Lower Upper
138 100
92 46.2 27.9 67.9
108 75.2 58.1 98.1



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





#63

Azobenzene

Concen: 44.544 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

Tgt Ion: 77 Resp: 748425

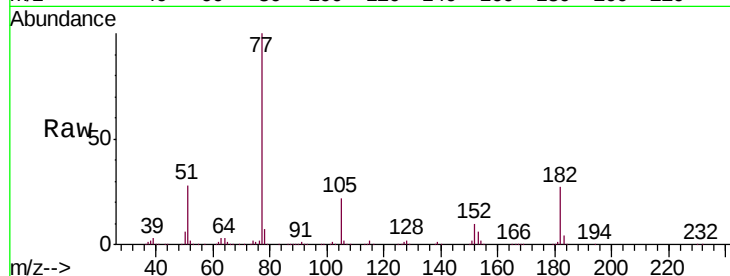
Ion Ratio Lower Upper

77 100

182 26.7 9.2 49.2

105 22.0 3.2 43.2

51 27.6 7.1 47.1

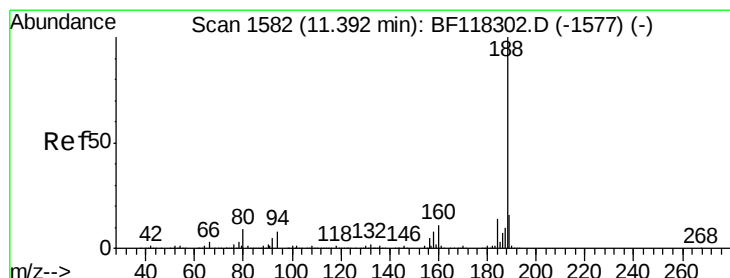
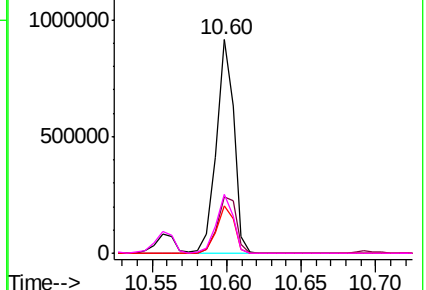
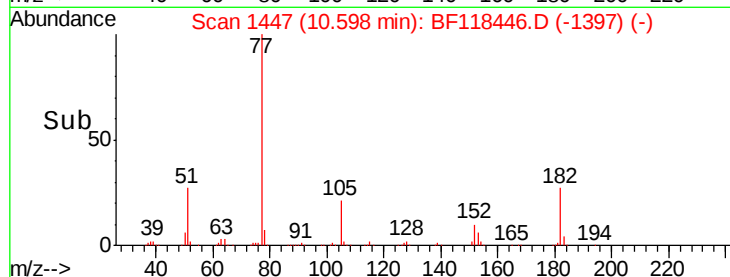


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

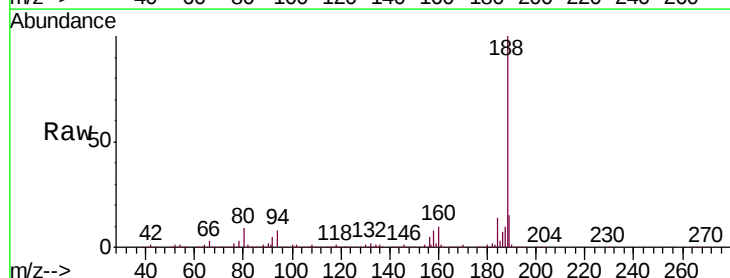
Tgt Ion: 188 Resp: 441025

Ion Ratio Lower Upper

188 100

94 8.4 6.7 10.1

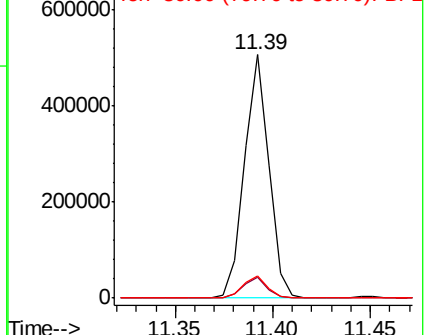
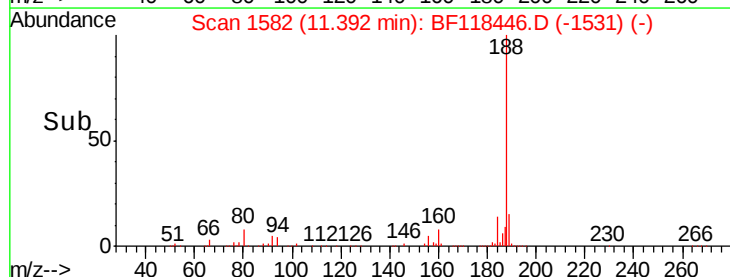
80 8.9 7.2 10.8

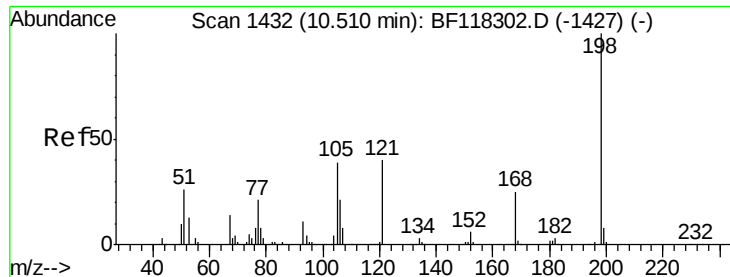


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

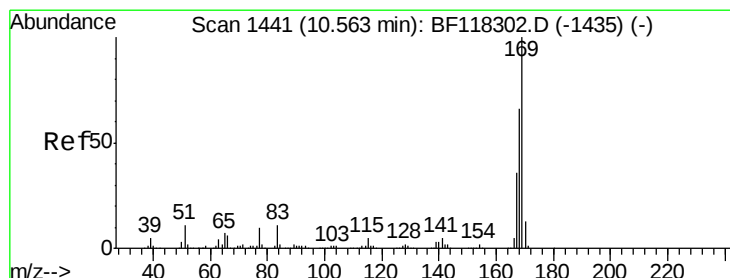
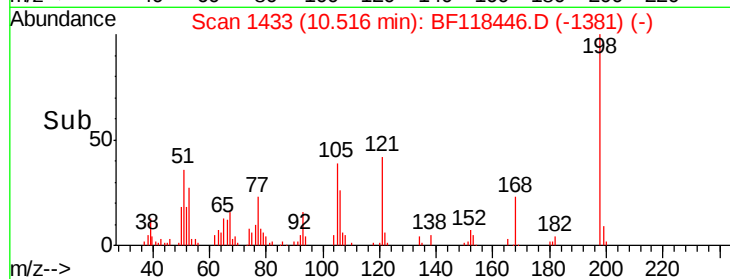
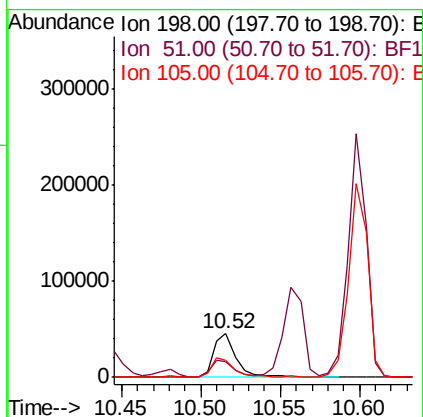
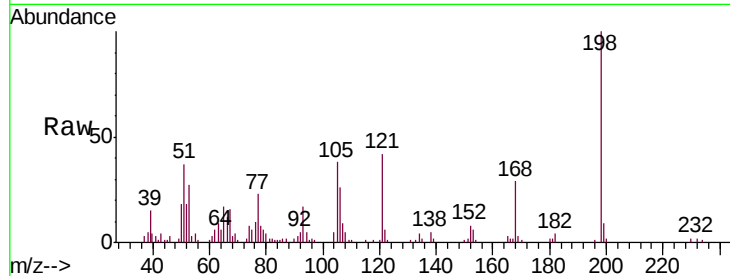




#65
 4,6-Dinitro-2-methylphenol
 Concen: 19.083 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

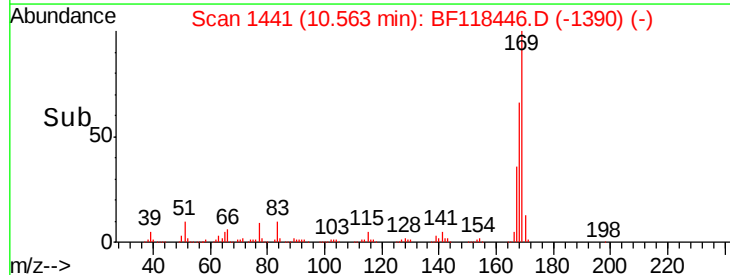
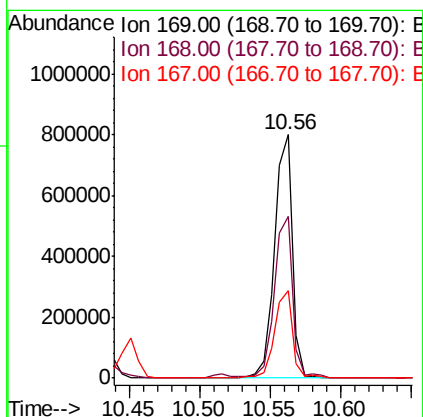
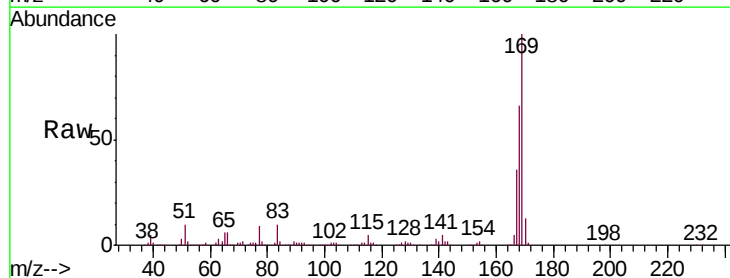
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

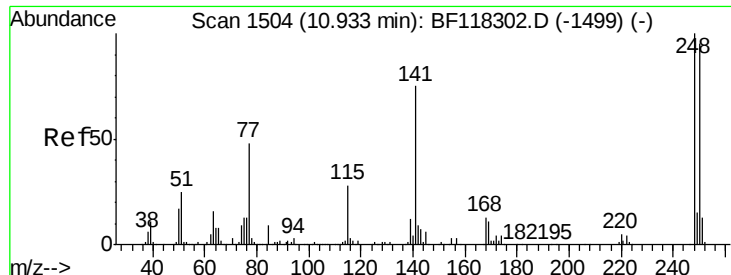
Tgt Ion:198 Resp: 45401
 Ion Ratio Lower Upper
 198 100
 51 36.9 12.8 52.8
 105 38.3 20.3 60.3



#66
 n-Nitrosodiphenylamine
 Concen: 49.984 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:169 Resp: 706508
 Ion Ratio Lower Upper
 169 100
 168 66.3 52.6 79.0
 167 36.0 28.4 42.6

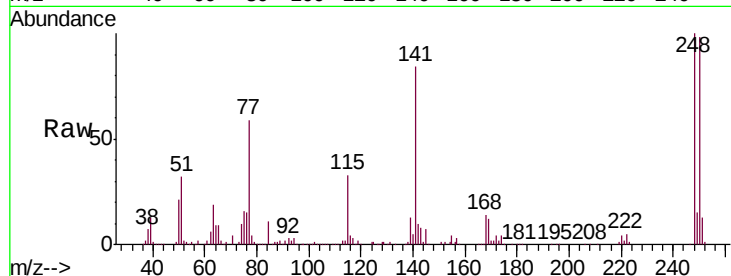




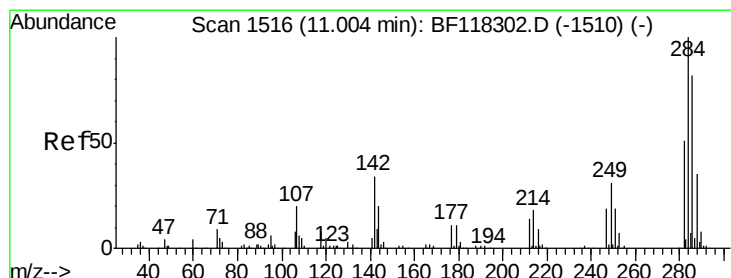
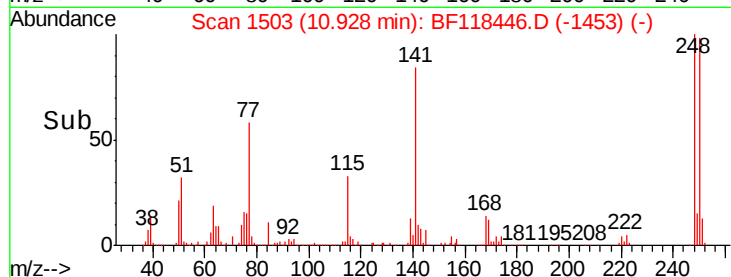
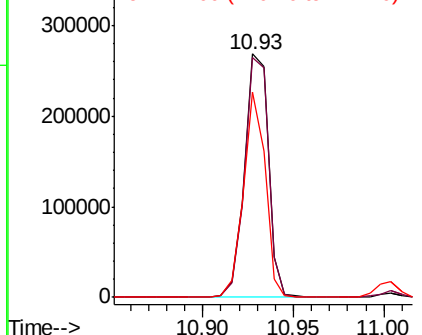
#67
 4-Bromophenyl-phenylether
 Concen: 47.651 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tgt Ion:248 Resp: 245940
 Ion Ratio Lower Upper
 248 100
 250 98.5 76.4 114.6
 141 84.3 60.2 90.2

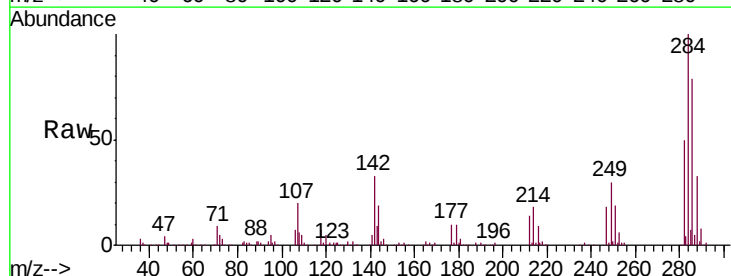


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

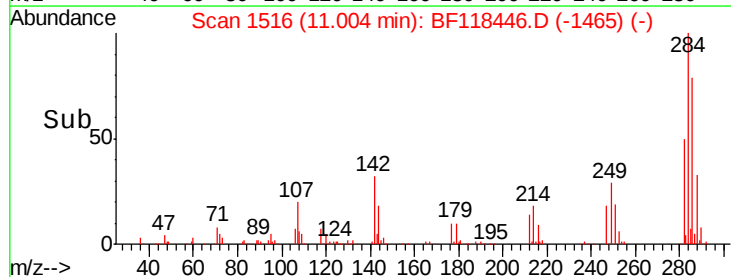
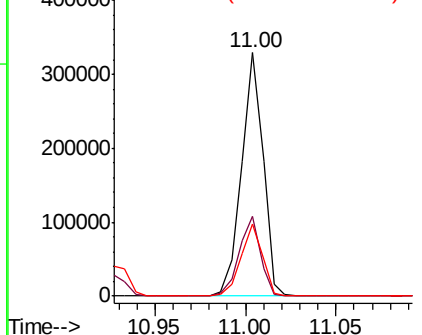


#68
 Hexachlorobenzene
 Concen: 44.675 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:284 Resp: 271412
 Ion Ratio Lower Upper
 284 100
 142 32.9 27.3 40.9
 249 29.7 25.0 37.6



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

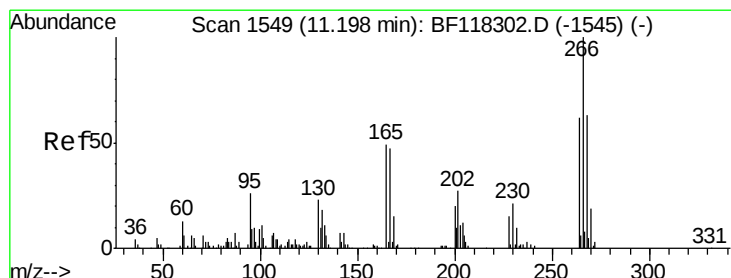
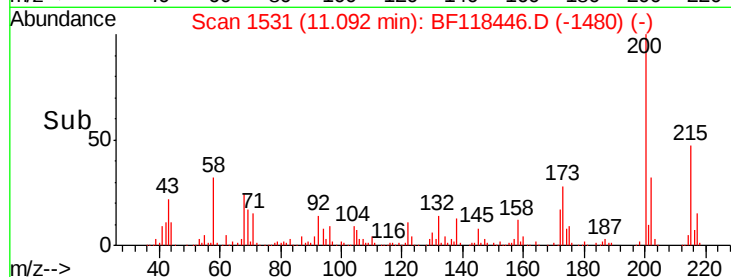
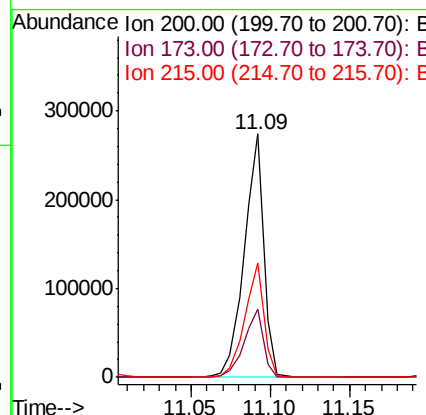
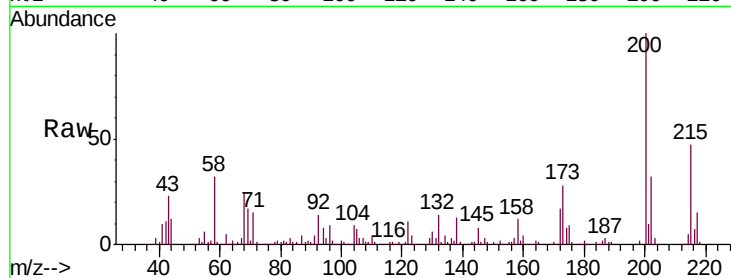




#69
 Atrazine
 Concen: 53.380 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

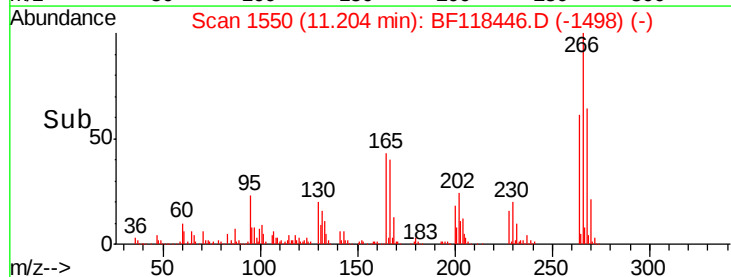
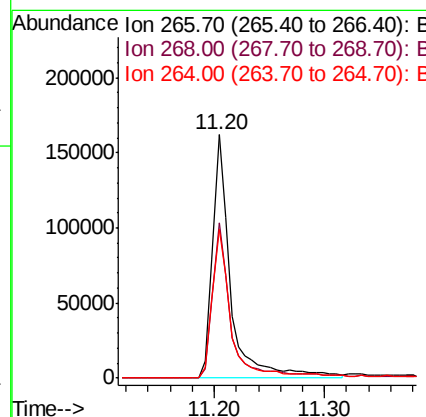
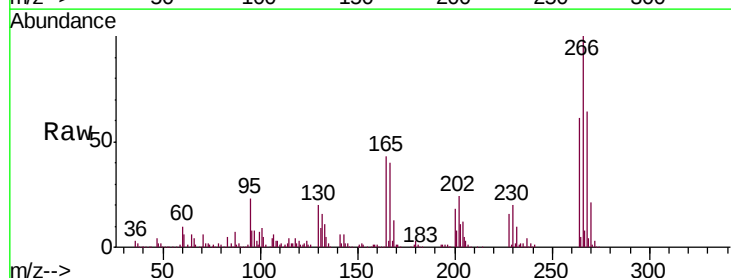
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

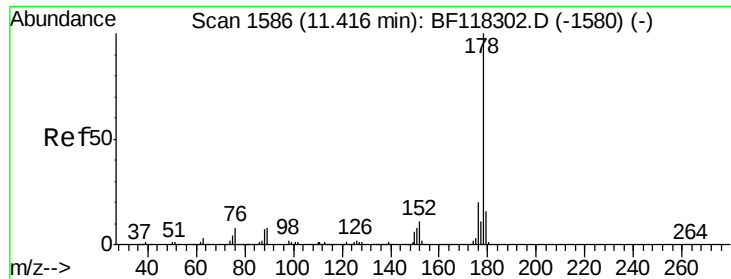
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	5.8	45.8
215	46.9	25.1	65.1



#70
 Pentachlorophenol
 Concen: 69.073 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.6	76.0
264	61.3	49.9	74.9

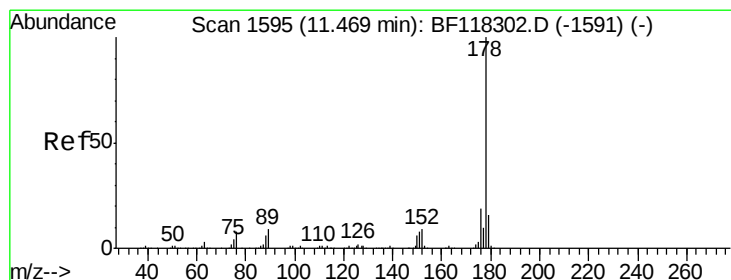
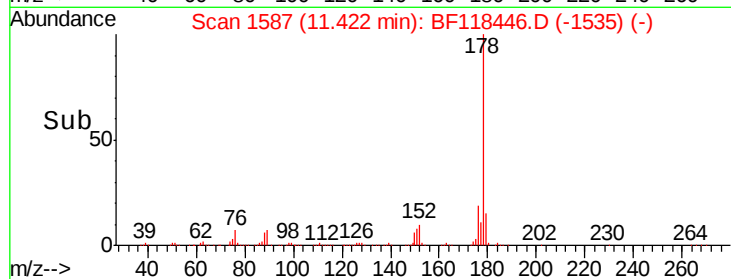
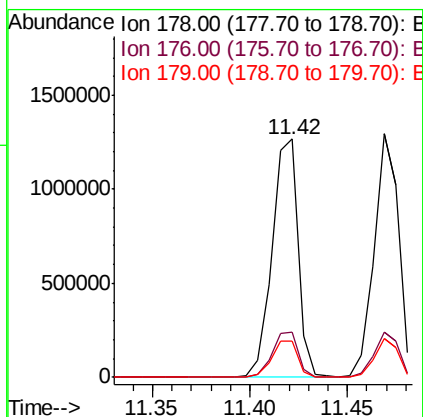
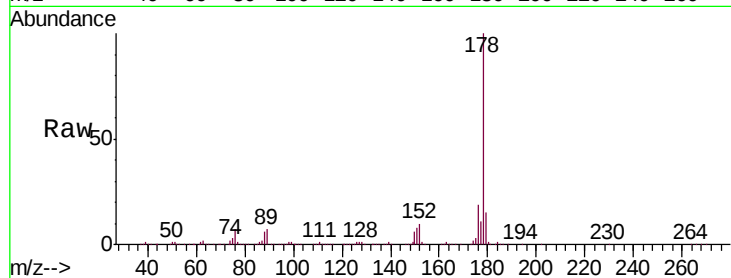




#71
Phenanthrene
Concen: 48.675 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

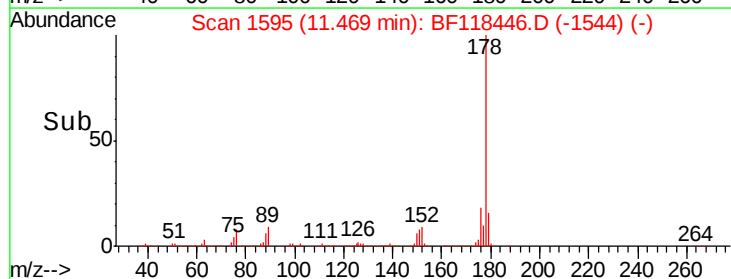
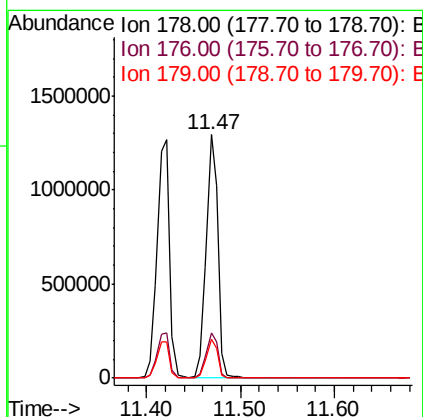
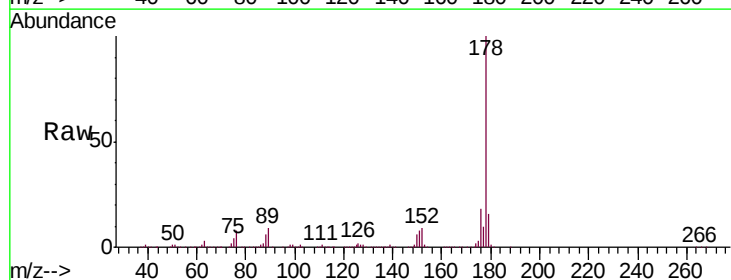
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

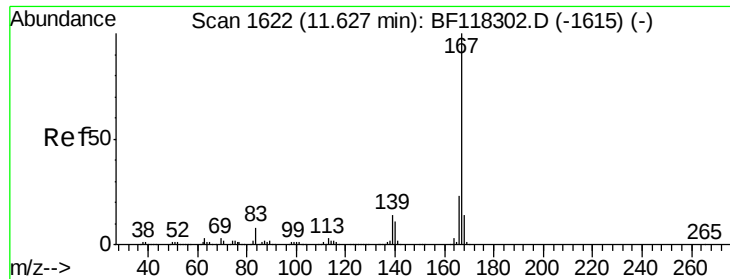
Tgt Ion:178 Resp: 1170259
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.3 12.6 19.0



#72
Anthracene
Concen: 47.097 ng
RT: 11.47 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:178 Resp: 1133379
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.8 12.9 19.3

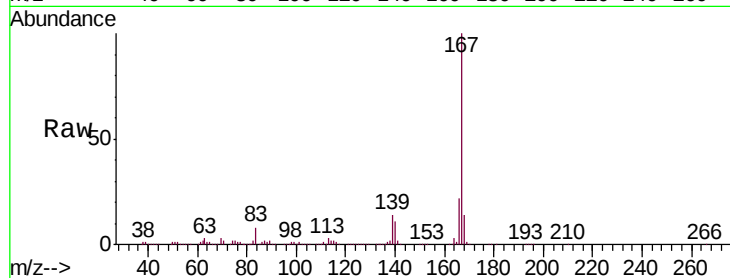




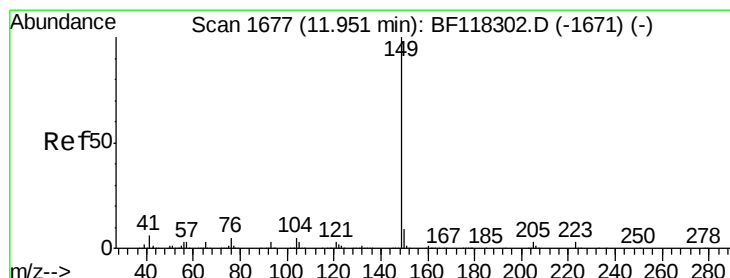
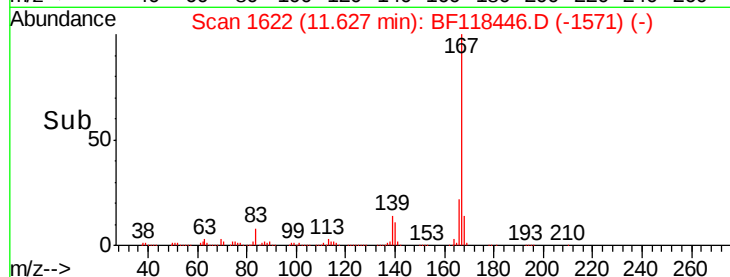
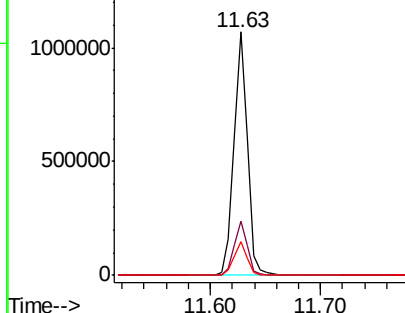
#73
 Carbazole
 Concen: 43.302 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

Tgt Ion:167 Resp: 924664
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.9 11.5 17.3

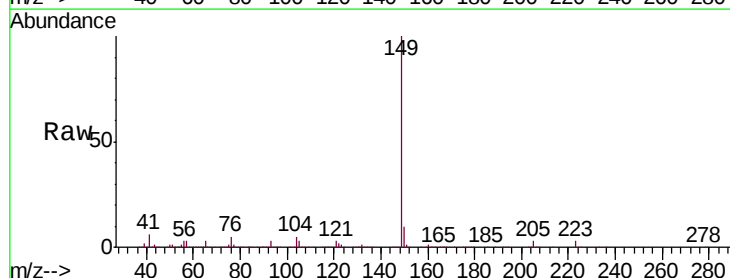


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

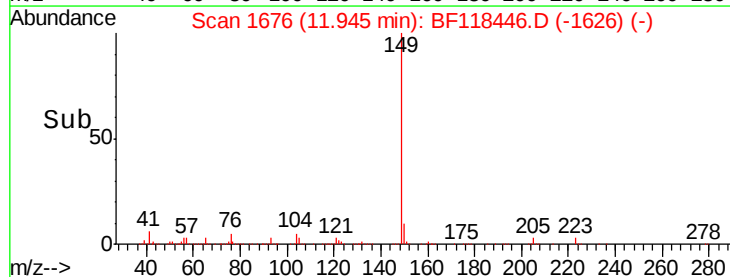
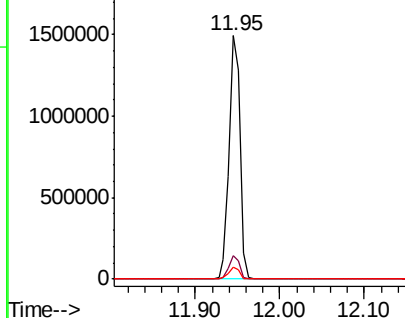


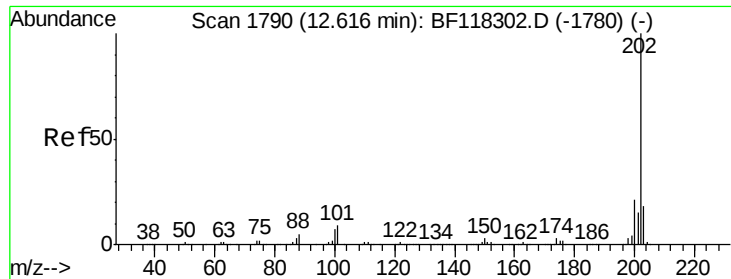
#74
 Di-n-butylphthalate
 Concen: 48.565 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion:149 Resp: 1314936
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 4.8 4.0 6.0



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





#75

Fluoranthene

Concen: 45.761 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

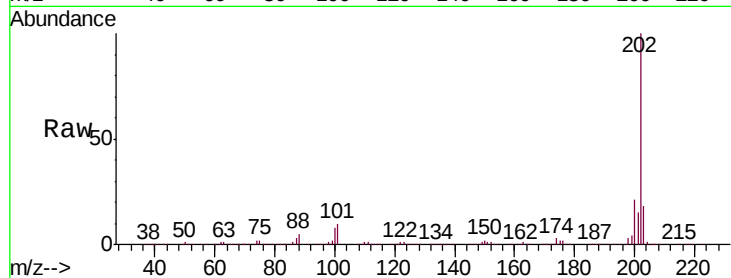
Tgt Ion:202 Resp: 1110358

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.5

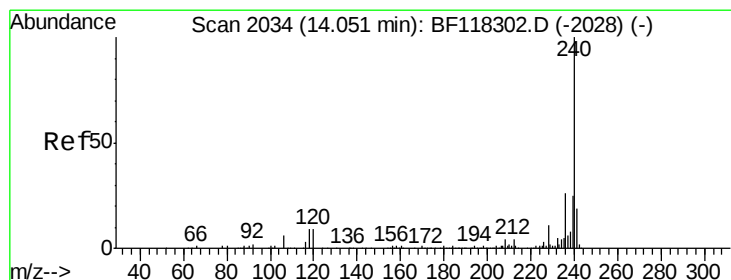
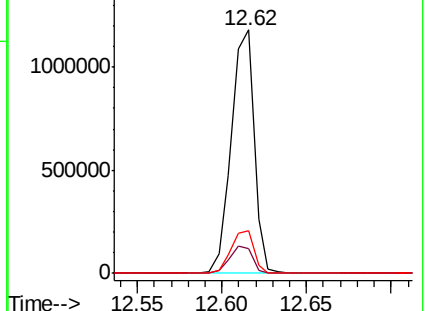
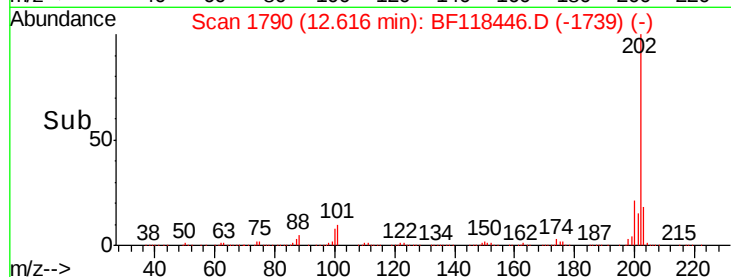
203 17.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

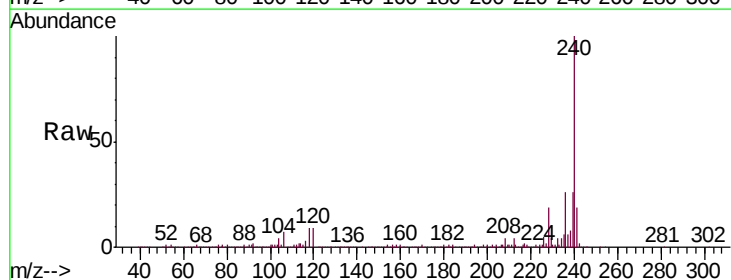
Tgt Ion:240 Resp: 265249

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

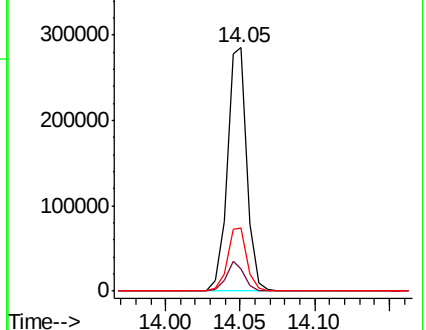
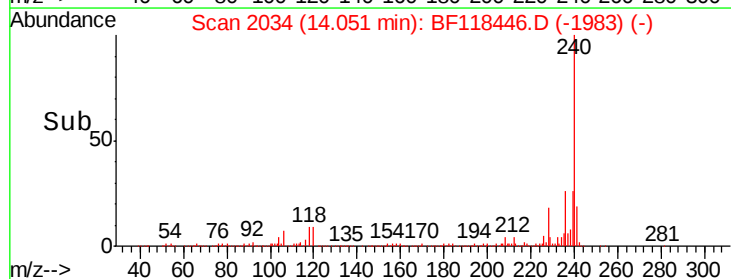
236 26.0 21.0 31.6

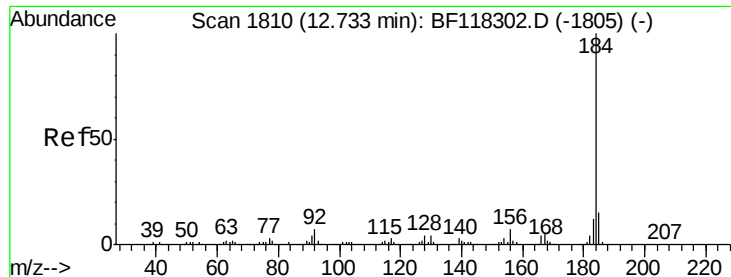


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.233 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

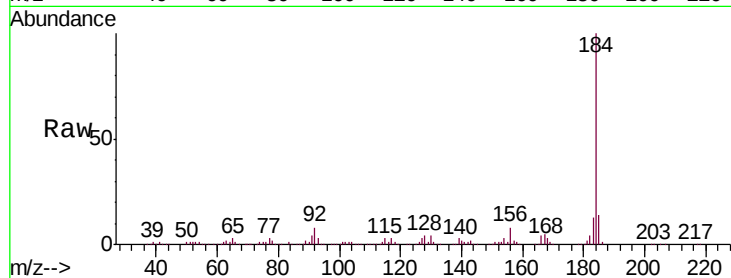
Tgt Ion:184 Resp: 430506

Ion Ratio Lower Upper

184 100

185 13.8 12.3 18.5

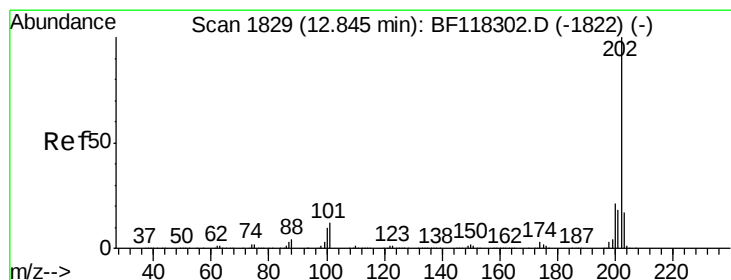
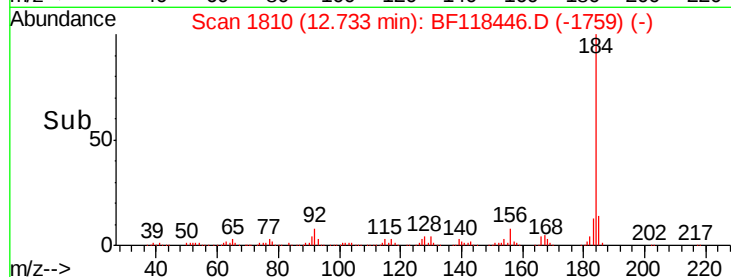
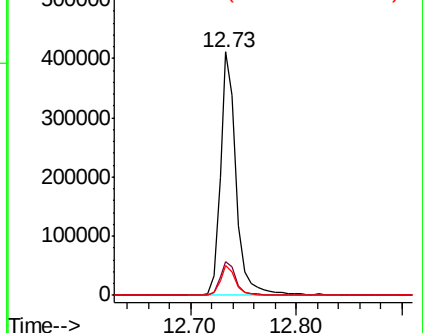
183 12.5 9.4 14.2



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: 48.854 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

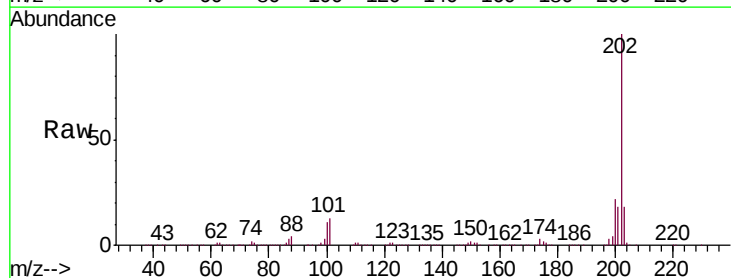
Tgt Ion:202 Resp: 1058204

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

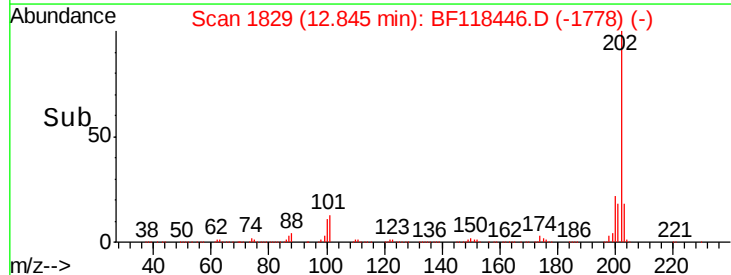
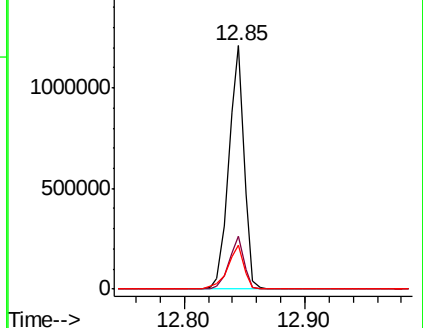
203 17.9 13.9 20.9

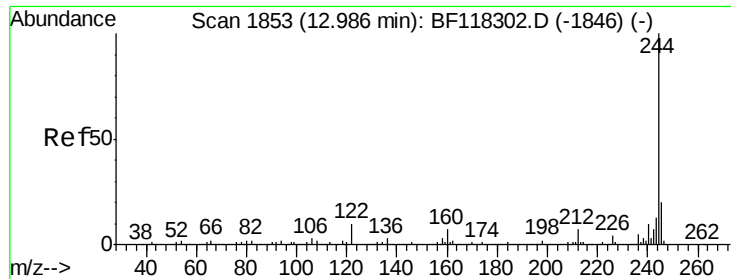


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

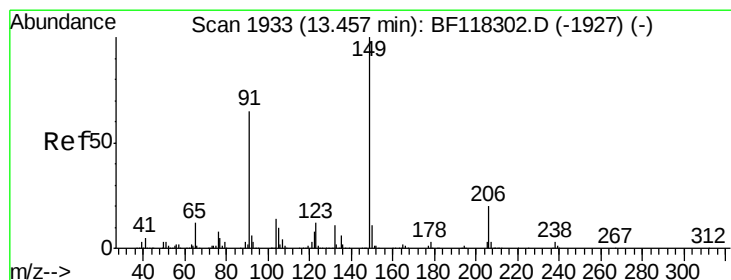
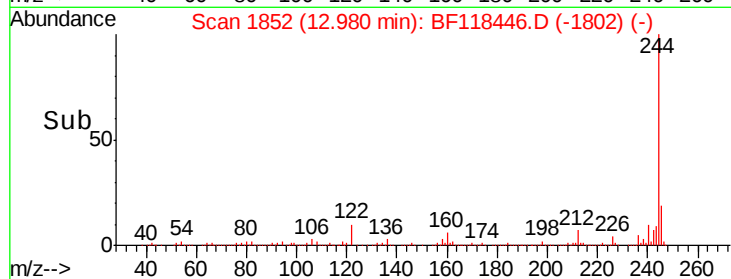
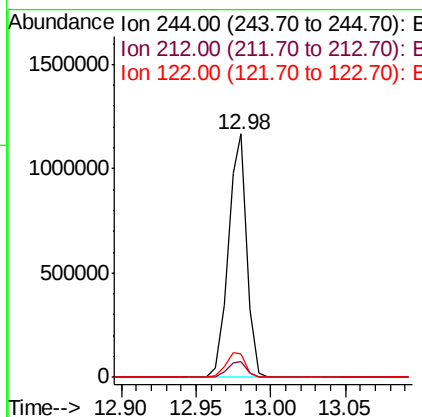
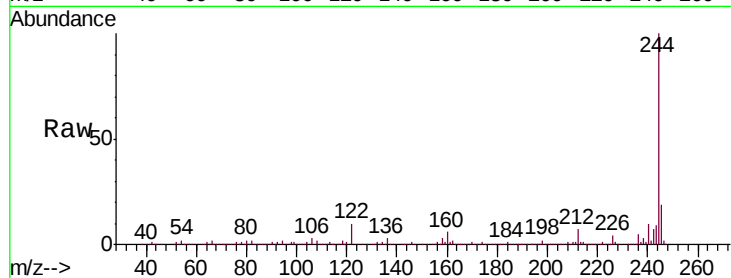




#79
 Terphenyl-d14
 Concen: 64.099 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

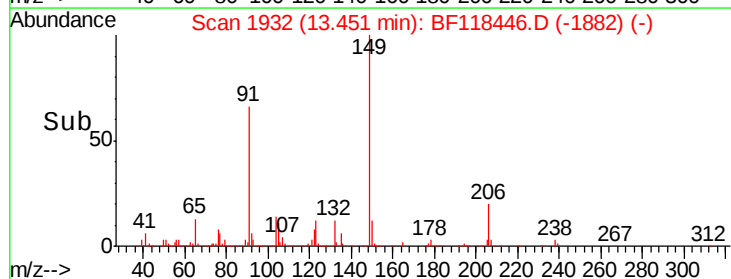
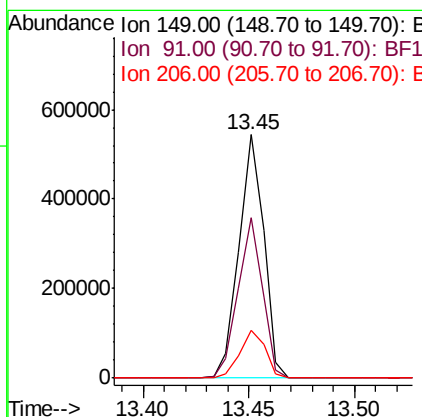
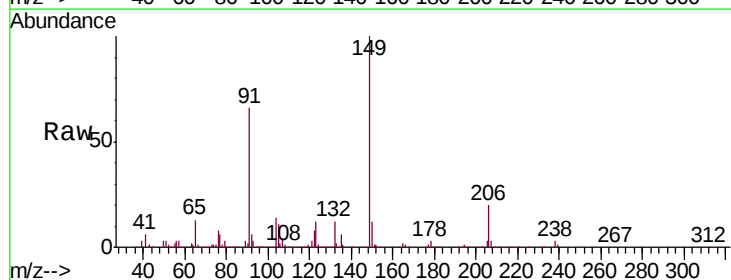
Instrument :
 BNA_F
 ClientSampleId :
 GP-9-(8-10)MS

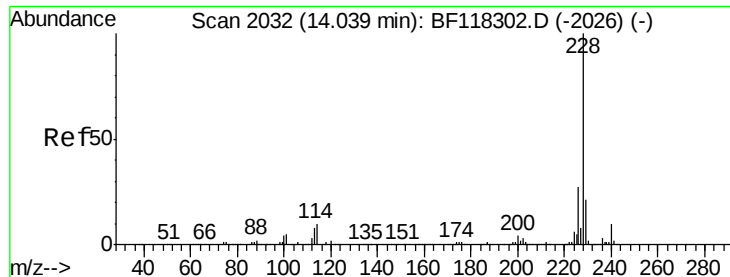
Tgt Ion: 244 Resp: 1024835
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 9.8 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 45.355 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118446.D
 Acq: 2 Jan 2020 20:15

Tgt Ion: 149 Resp: 442339
 Ion Ratio Lower Upper
 149 100
 91 66.1 51.8 77.6
 206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 48.790 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

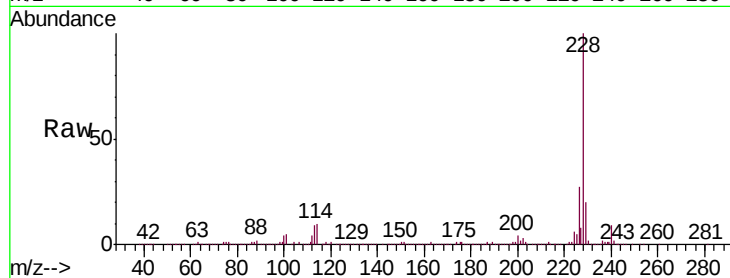
Tgt Ion:228 Resp: 905867

Ion Ratio Lower Upper

228 100

226 26.9 22.0 33.0

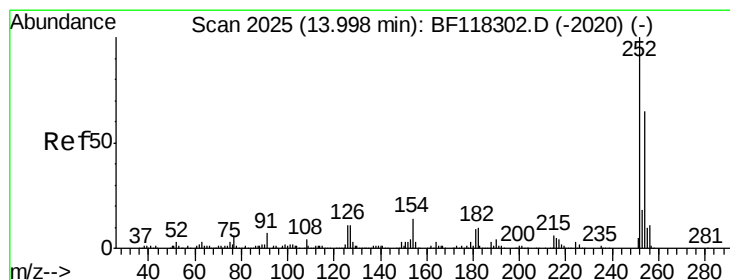
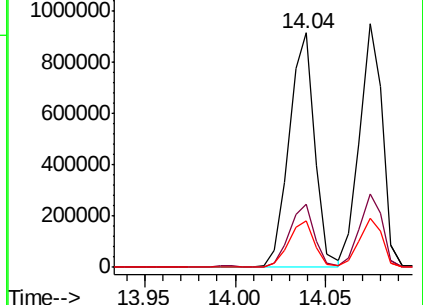
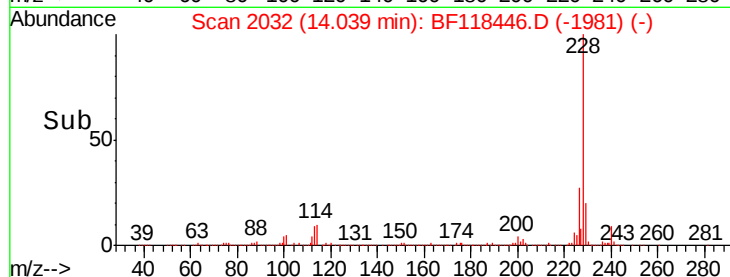
229 19.6 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.695 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

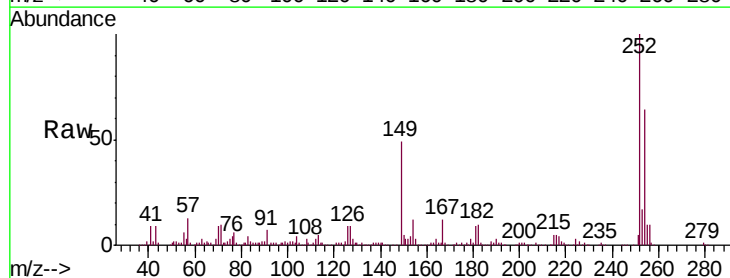
Tgt Ion:252 Resp: 293949

Ion Ratio Lower Upper

252 100

254 63.8 51.8 77.8

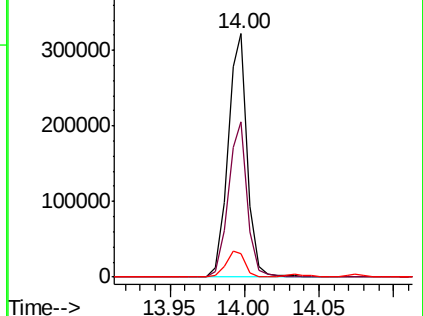
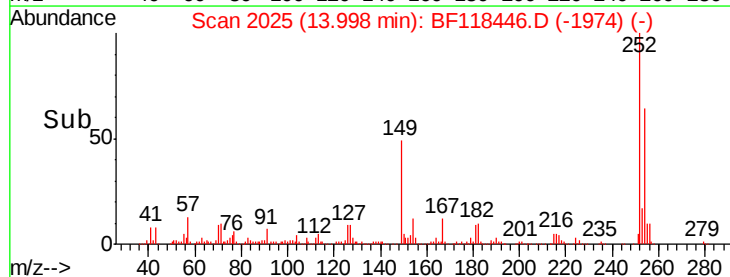
126 9.4 8.7 13.1

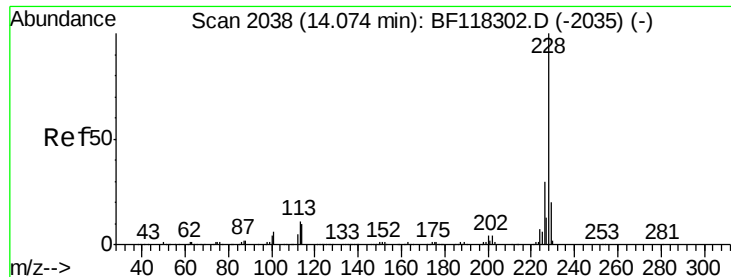


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.836 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

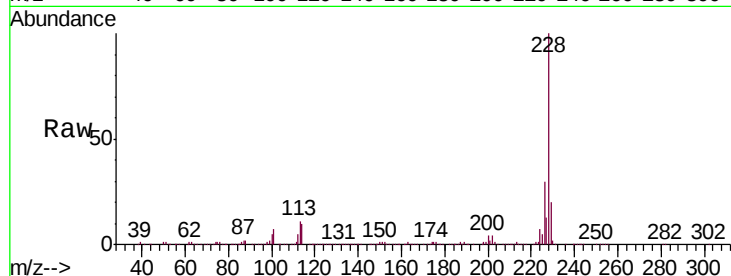
Tgt Ion:228 Resp: 832646

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

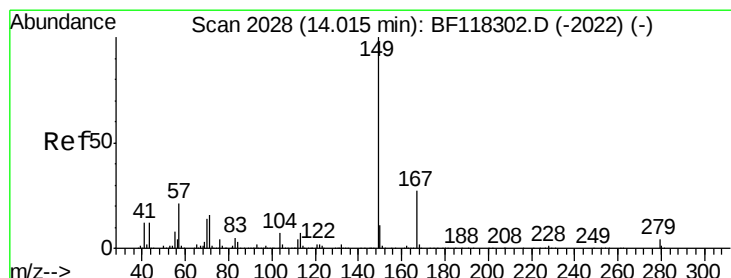
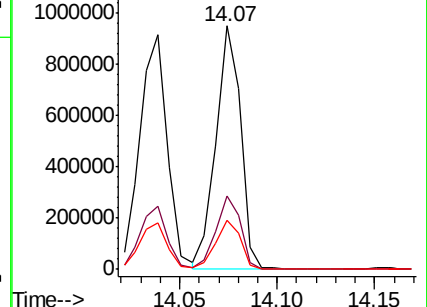
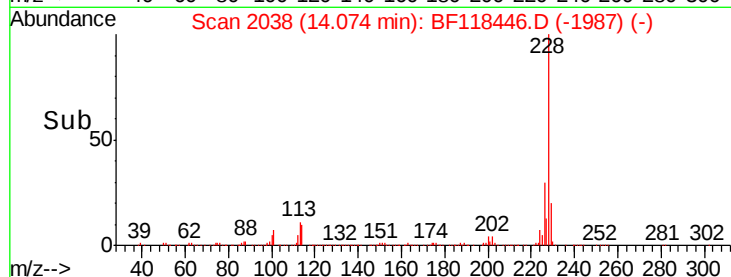
229 20.1 16.1 24.1



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: 49.612 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

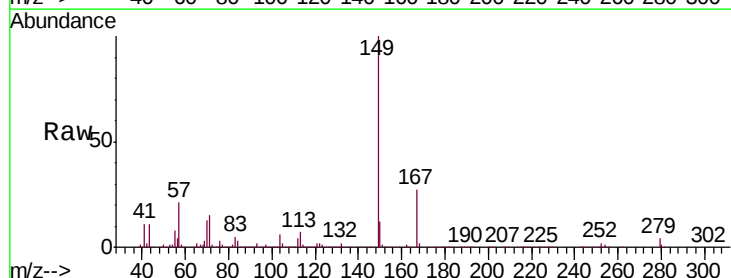
Tgt Ion:149 Resp: 636241

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

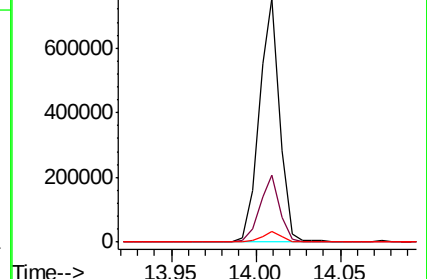
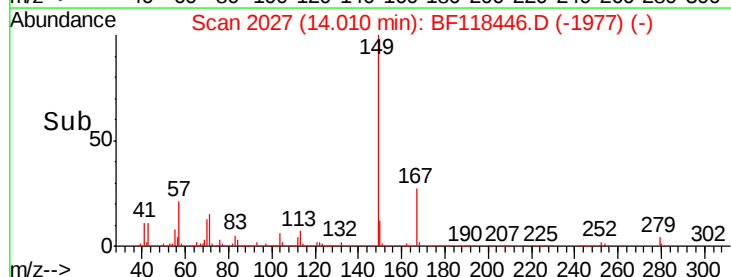
279 4.4 3.4 5.2



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

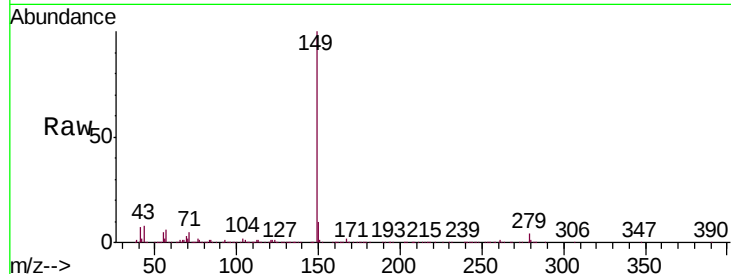




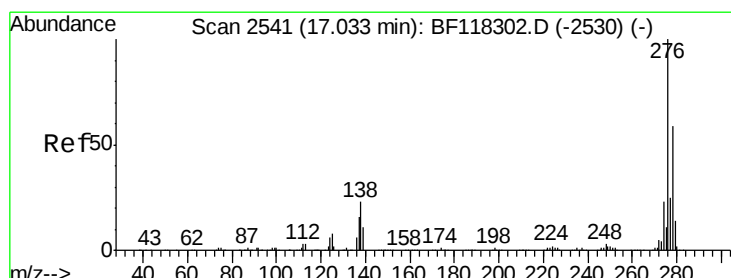
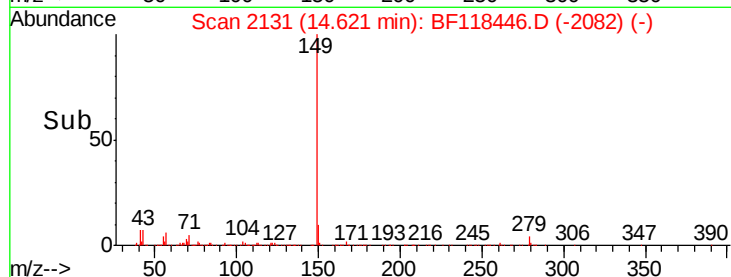
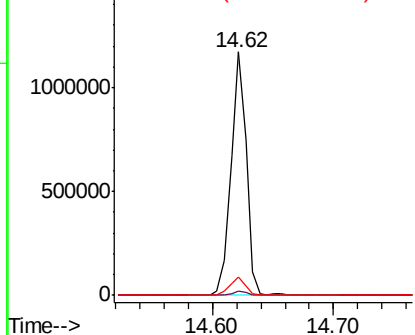
#85
Di-n-octyl phthalate
Concen: 54.720 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

Tgt Ion:149 Resp: 1032241
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 7.3 6.1 9.1

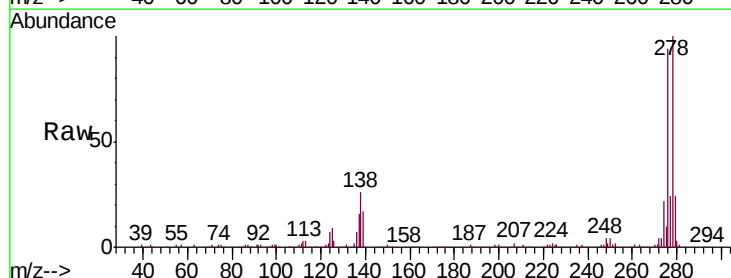


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

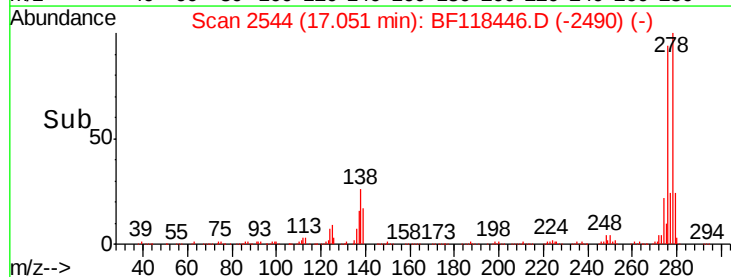
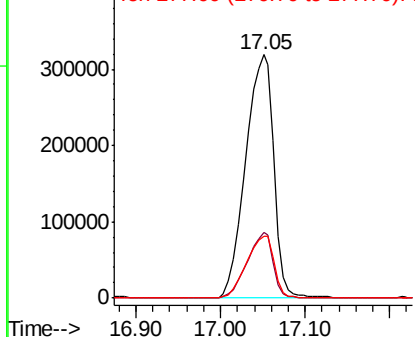


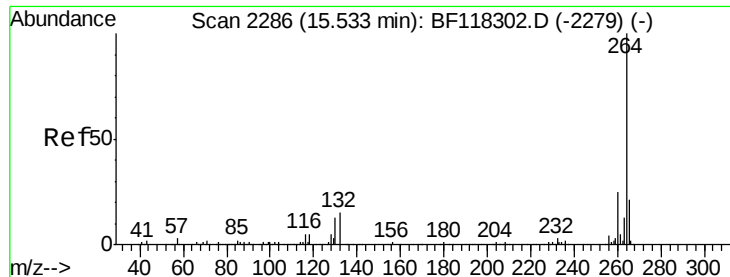
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.044 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:276 Resp: 742913
Ion Ratio Lower Upper
276 100
138 24.9 19.5 29.3
277 25.3 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

Instrument :

BNA_F

ClientSampleId :

GP-9-(8-10)MS

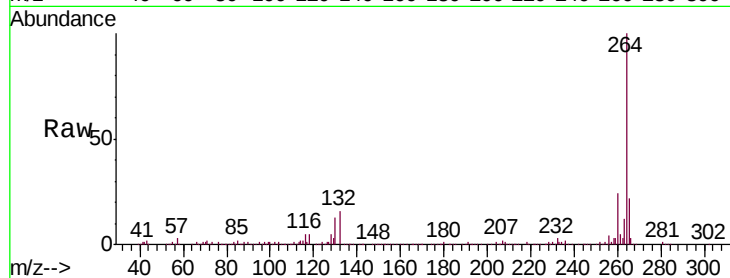
Tgt Ion:264 Resp: 280452

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

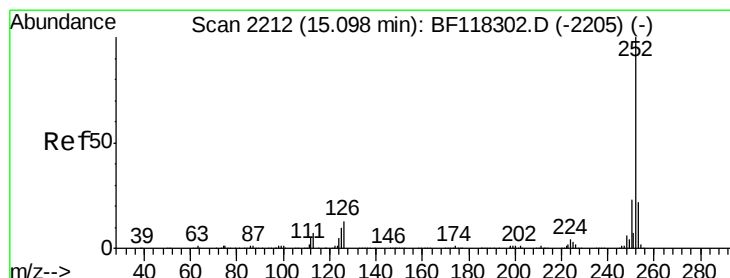
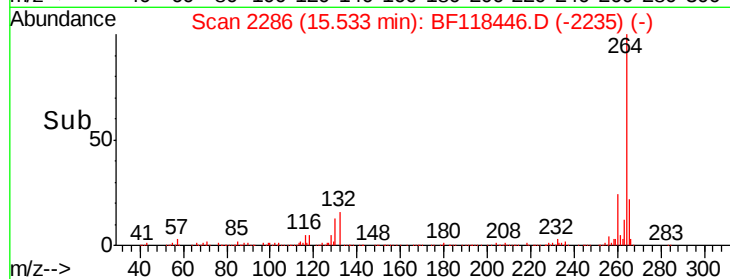
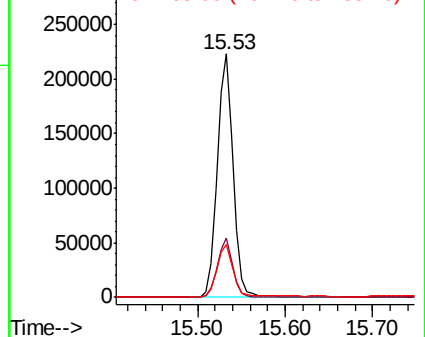
265 21.9 17.0 25.4



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: 45.738 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BF118446.D

Acq: 2 Jan 2020 20:15

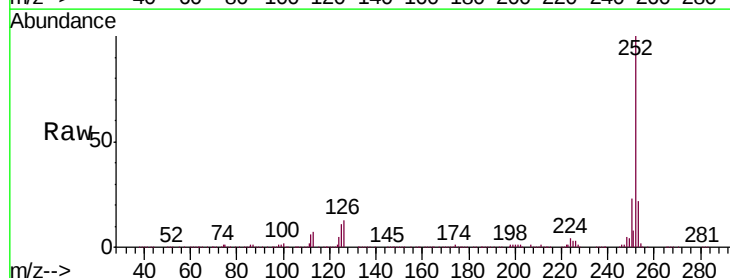
Tgt Ion:252 Resp: 851483

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

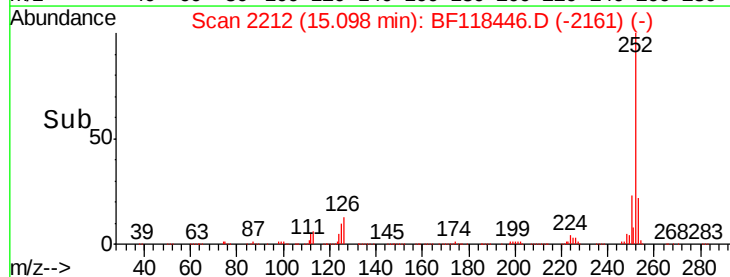
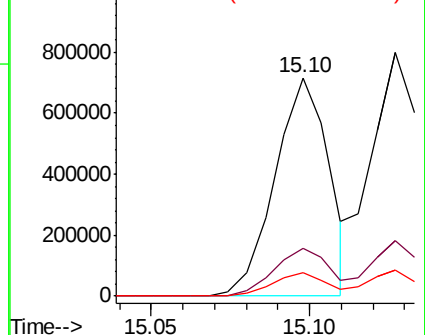
125 10.5 7.7 11.5

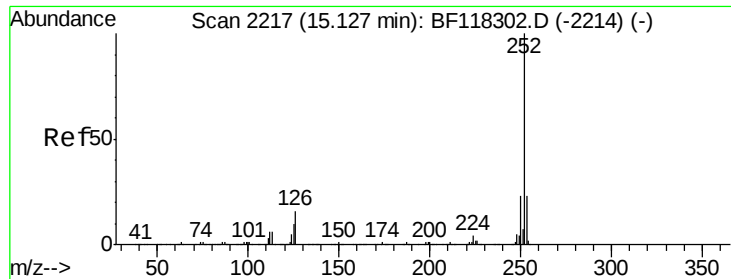


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

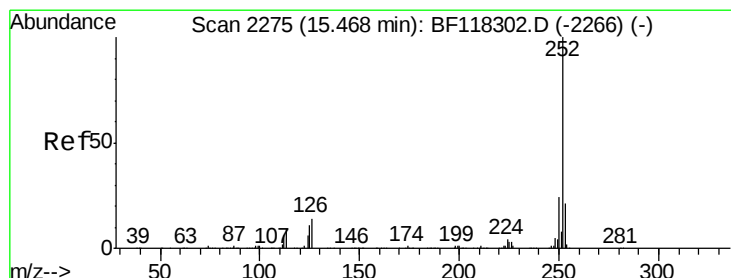
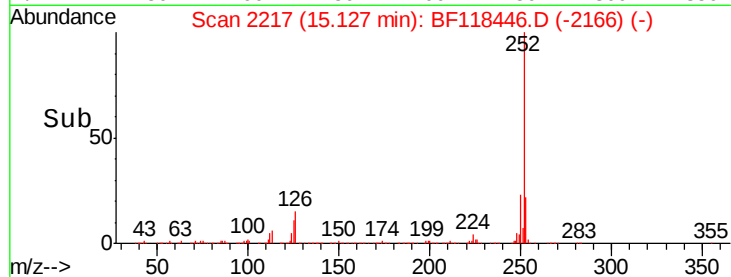
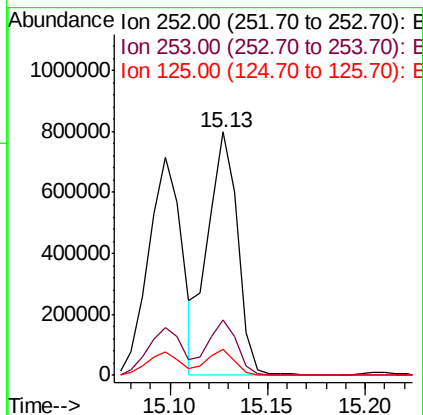
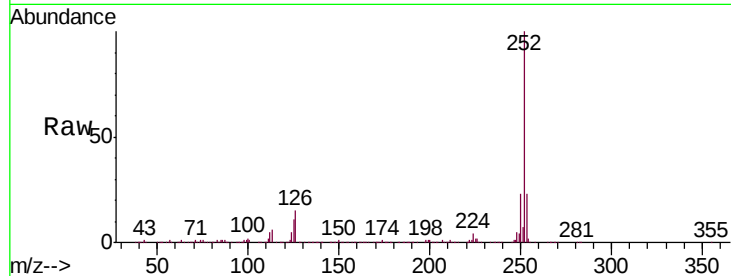




#89
Benzo(k)fluoranthene
Concen: 47.078 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

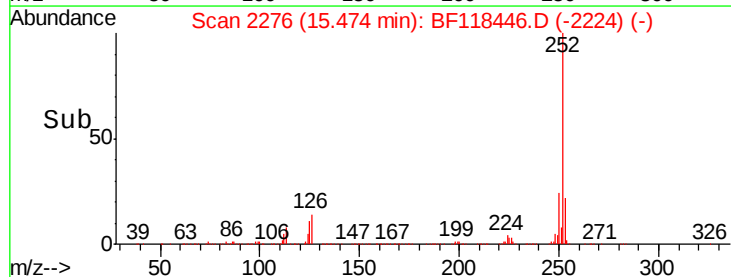
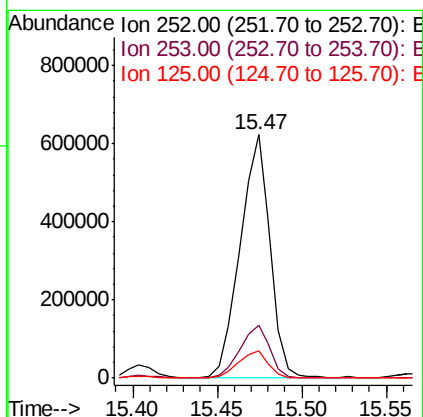
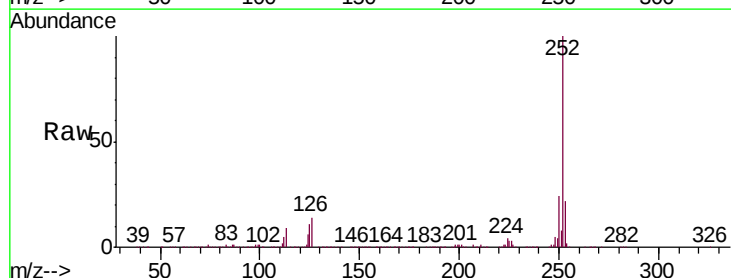
Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

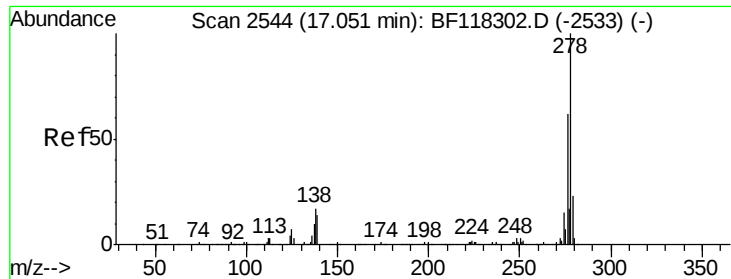
Tgt Ion:252 Resp: 841525
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.9 8.0 12.0



#90
Benzo(a)pyrene
Concen: 46.564 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:252 Resp: 763622
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.1 9.0 13.4

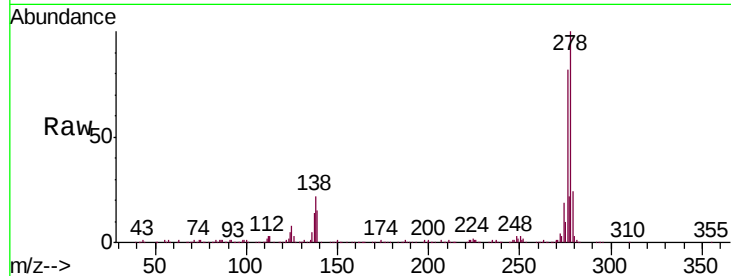




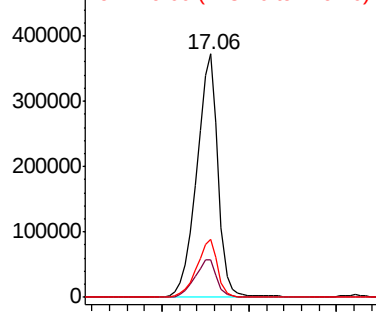
#91
Dibenzo(a,h)anthracene
Concen: 43.622 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Instrument :
BNA_F
ClientSampleId :
GP-9-(8-10)MS

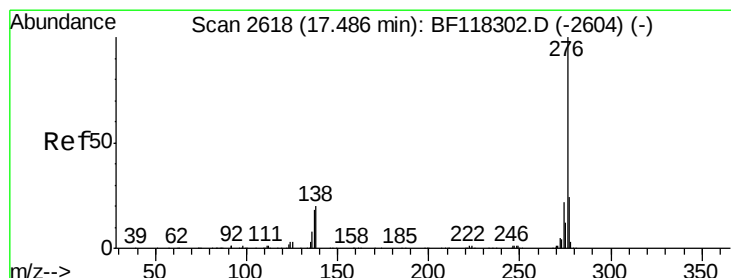
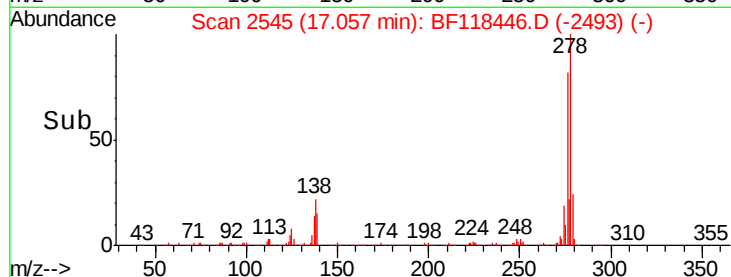
Tgt Ion:278 Resp: 620800
Ion Ratio Lower Upper
278 100
139 15.4 11.5 17.3
279 23.8 18.3 27.5



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

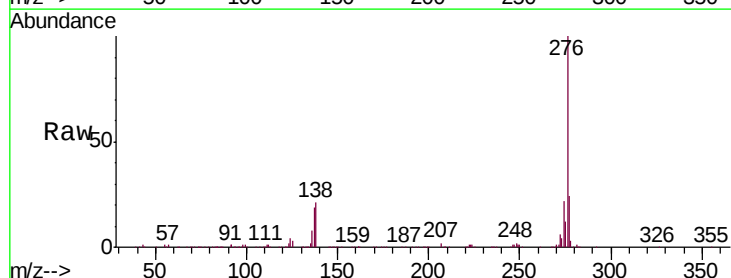


Time-->

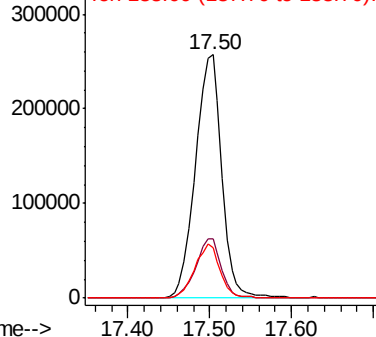


#92
Benzo(g,h,i)perylene
Concen: 42.121 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118446.D
Acq: 2 Jan 2020 20:15

Tgt Ion:276 Resp: 579044
Ion Ratio Lower Upper
276 100
277 24.2 19.1 28.7
138 20.5 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

