

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118537.D
 Acq On : 13 Jan 2020 18:16
 Operator : JU
 Sample : L1091-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 14 10:27:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

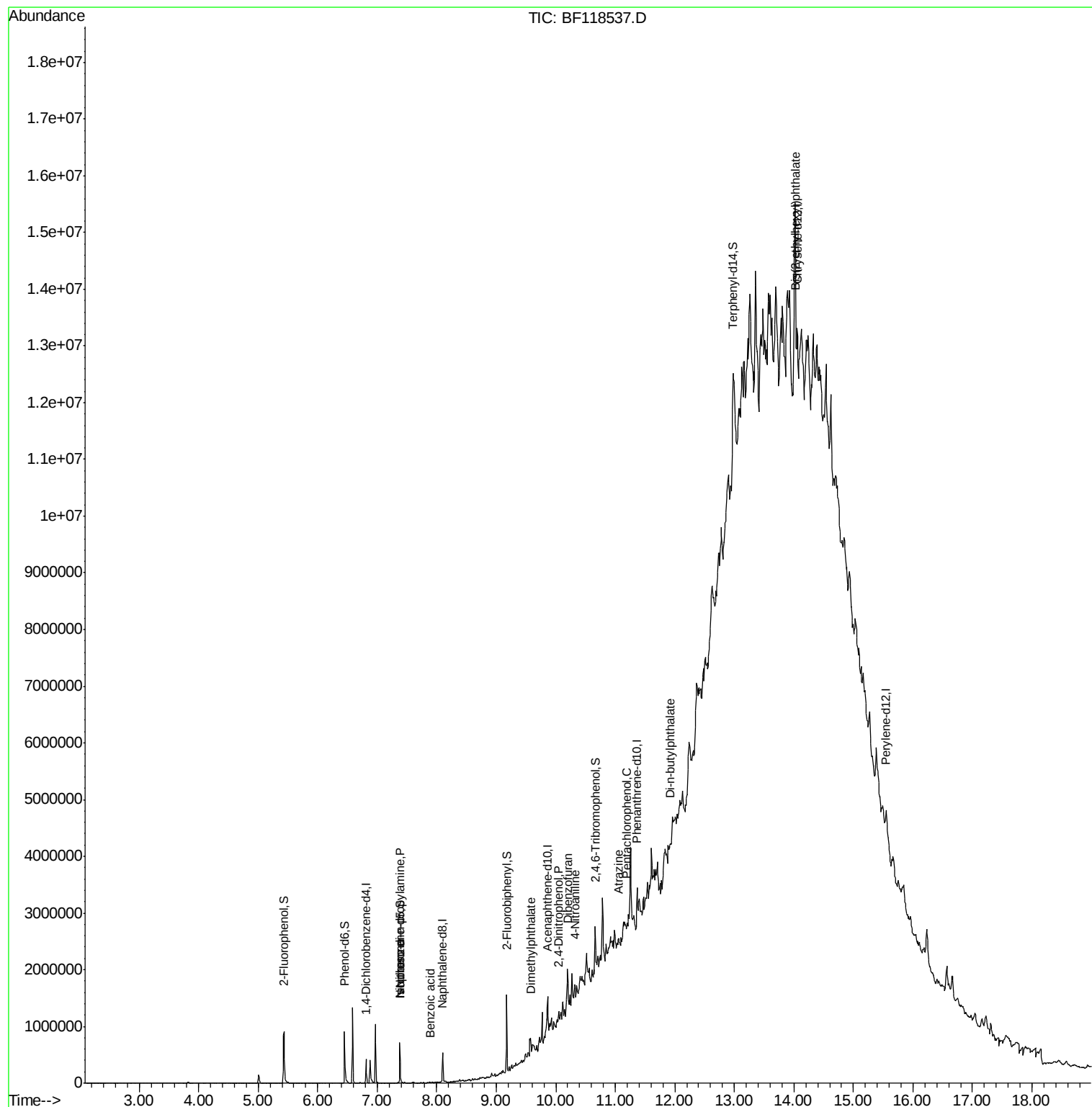
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59274	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	222208	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	105954	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	170823	20.00	ng	-0.02
76) Chrysene-d12	14.06	240	148407	20.00	ng	0.02
87) Perylene-d12	15.56	264	183250	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	318012	88.56	ng	-0.01
7) Phenol-d6	6.46	99	343001	79.90	ng	-0.02
23) Nitrobenzene-d5	7.38	82	206685	48.86	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	91163	72.92	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	397318	53.78	ng	-0.02
79) Terphenyl-d14	12.97	244	444625	47.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	29442	10.648	ng	# 79
25) Isophorone	7.38	82	206685	30.500	ng	# 63
32) Benzoic acid	7.89	122	925	6.898	ng	# 75
50) Dimethylphthalate	9.57	163	34597	4.254	ng	# 90
54) 2,4-Dinitrophenol	10.05	184	125	5.017	ng	# 1
55) Dibenzofuran	10.20	168	23626	2.525	ng	99
62) 4-Nitroaniline	10.33	138	5451	2.714	ng	82
69) Atrazine	11.05	200	4739	2.867	ng	# 16
70) Pentachlorophenol	11.19	266	2207	6.762	ng	# 19
74) Di-n-butylphthalate	11.92	149	23969	2.179	ng	# 63
77) Benzidine	12.76	184	578	Below Cal		# 1
84) Bis(2-ethylhexyl)phthalate	14.02	149	781883	102.980	ng	# 94

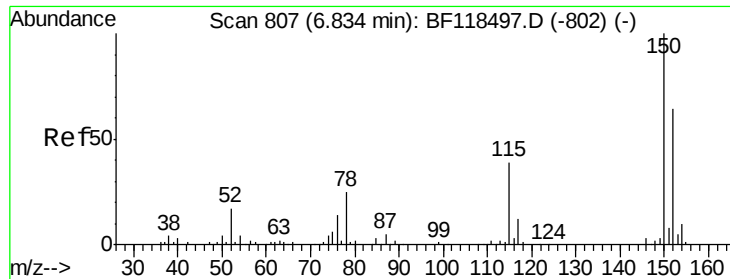
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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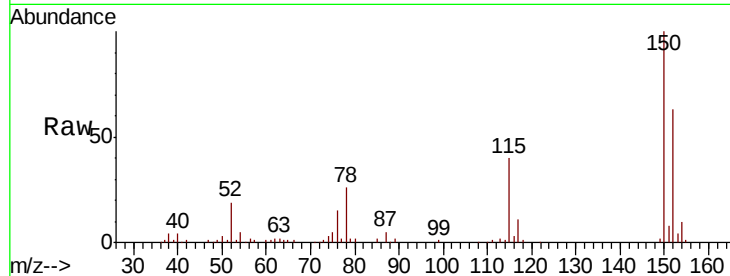


#1

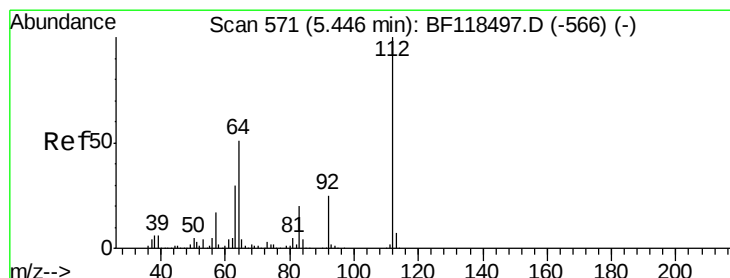
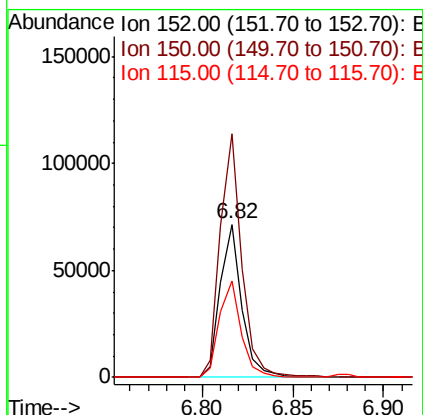
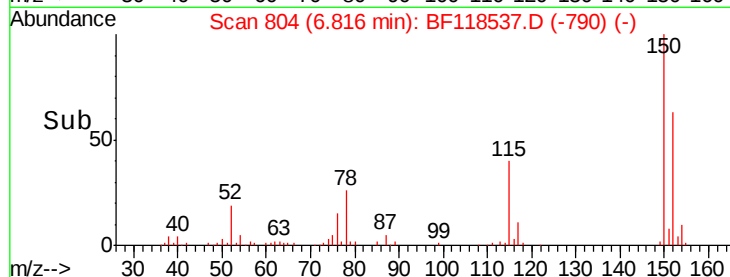
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59274
Ion Ratio Lower Upper
152 100
150 158.8 124.7 187.1
115 63.0 49.0 73.6



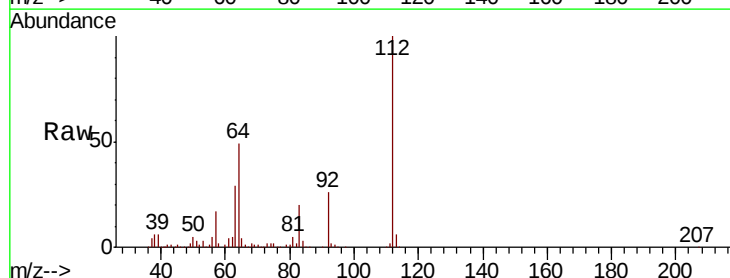
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



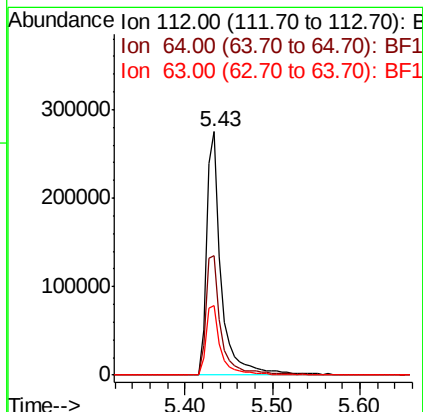
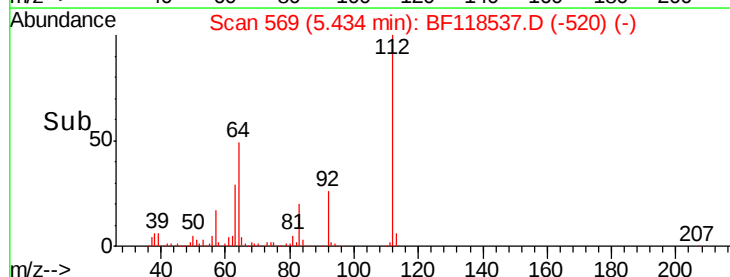
#5

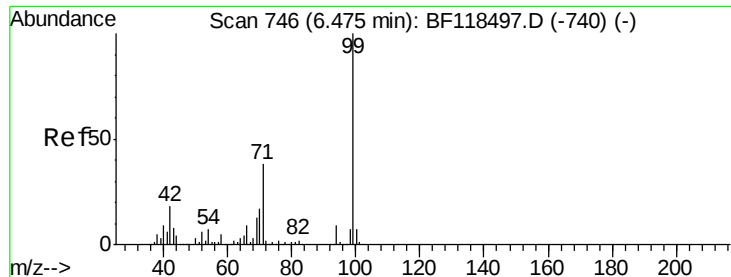
2-Fluorophenol
Concen: 88.565 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion:112 Resp: 318012
Ion Ratio Lower Upper
112 100
64 49.3 41.1 61.7
63 28.6 24.1 36.1



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





#7

Phenol-d6

Concen: 79.899 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

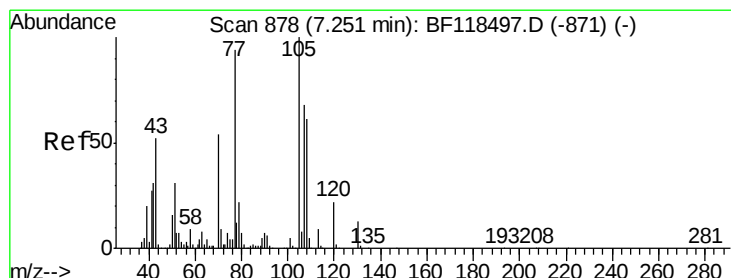
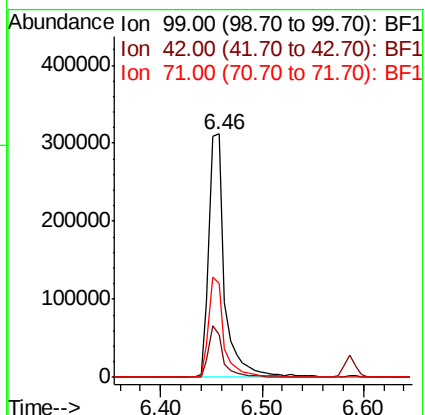
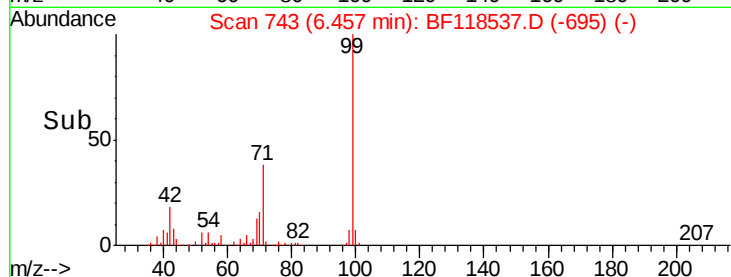
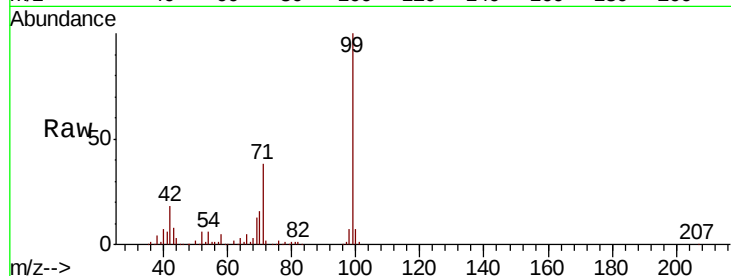
Tot Ion: 99 Resp: 343001

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 38.5 30.6 45.8



#19

n-Nitroso-di-n-propylamine

Concen: 10.648 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.13 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Tgt Ion: 70 Resp: 29442

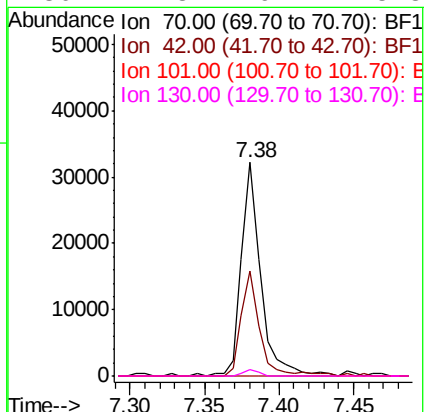
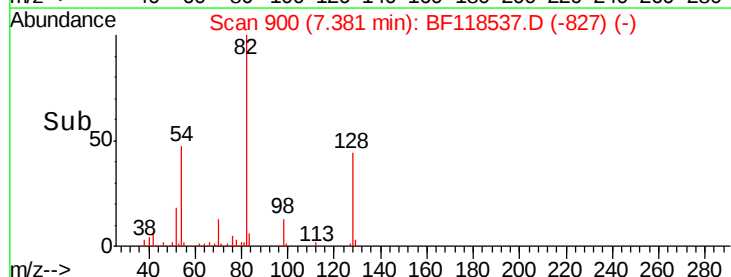
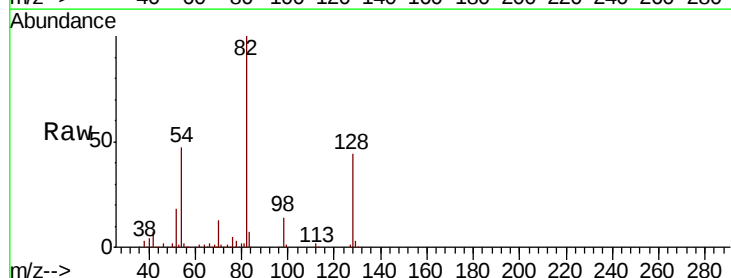
Ion Ratio Lower Upper

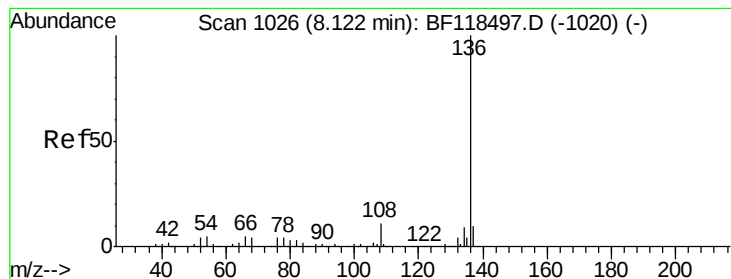
70 100

42 49.3 45.6 68.4

101 0.0 8.2 12.2#

130 2.8 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 222208

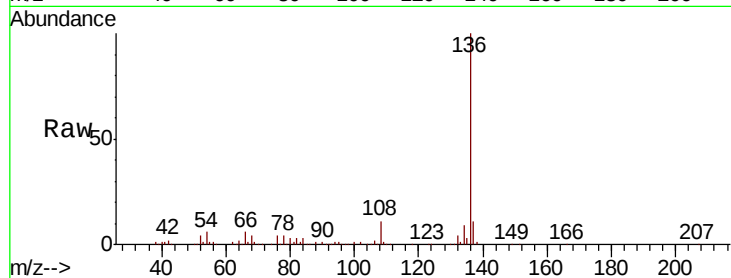
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 5.8 4.2 6.2

68 4.5 3.3 4.9

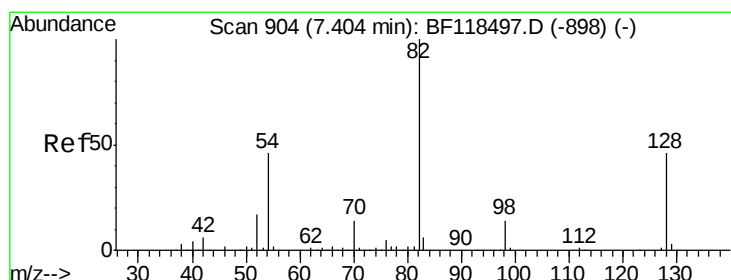
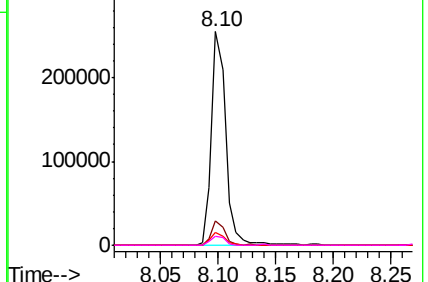
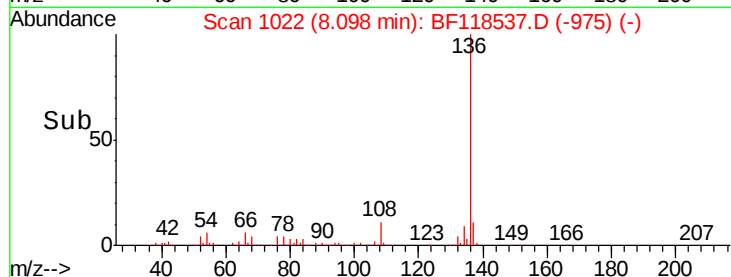


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 48.862 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

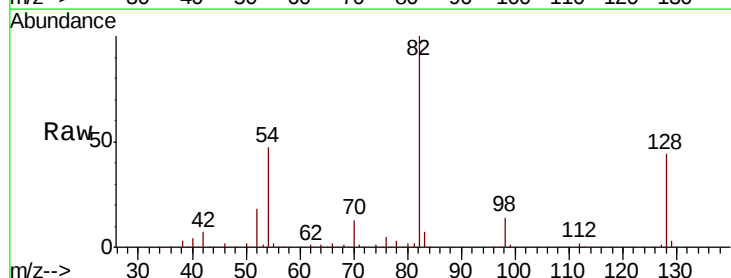
Tgt Ion: 82 Resp: 206685

Ion Ratio Lower Upper

82 100

128 44.5 36.6 54.8

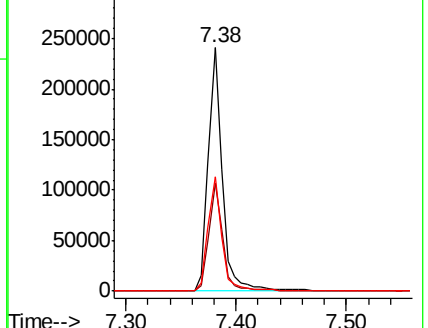
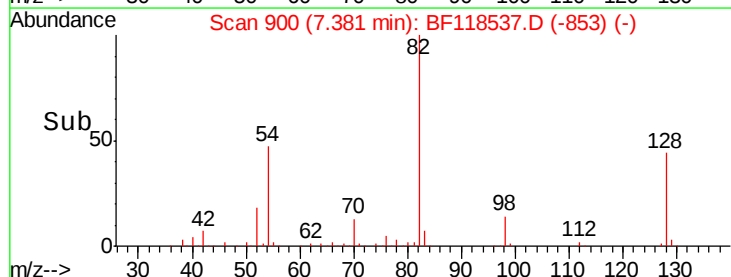
54 46.9 37.0 55.6

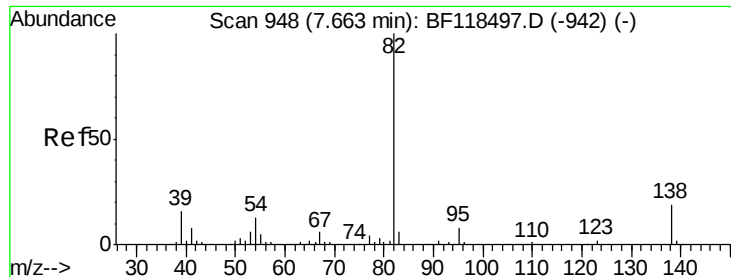


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.500 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.28 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

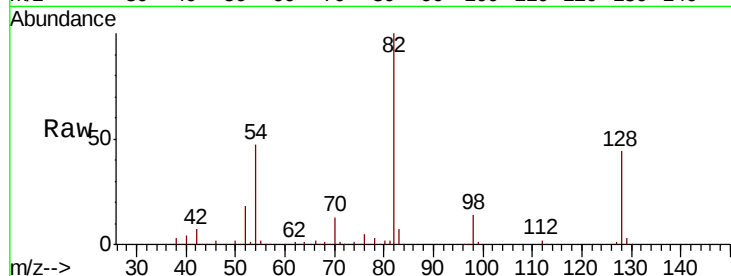
Tot Ion: 82 Resp: 206685

Ion Ratio Lower Upper

82 100

95 0.0 6.6 9.8#

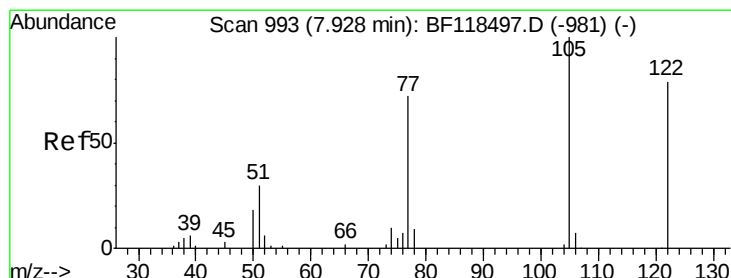
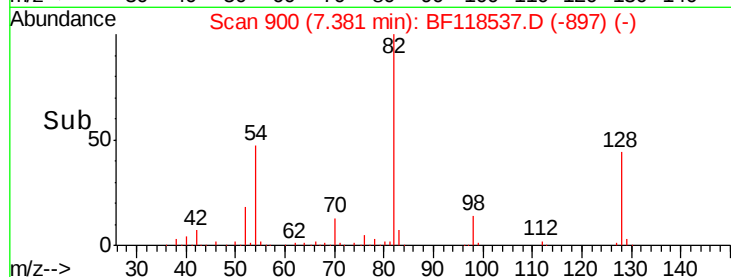
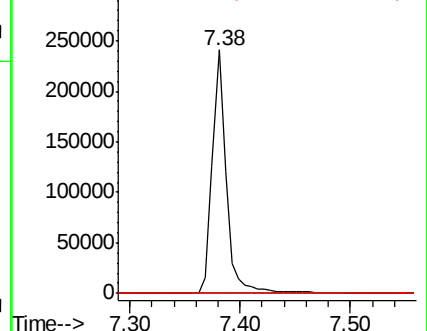
138 0.0 15.4 23.2#



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



#32

Benzoic acid

Concen: 6.898 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.03 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

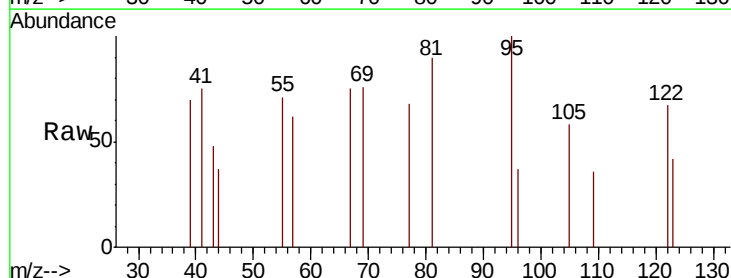
Tgt Ion: 122 Resp: 925

Ion Ratio Lower Upper

122 100

105 85.5 105.7 145.7#

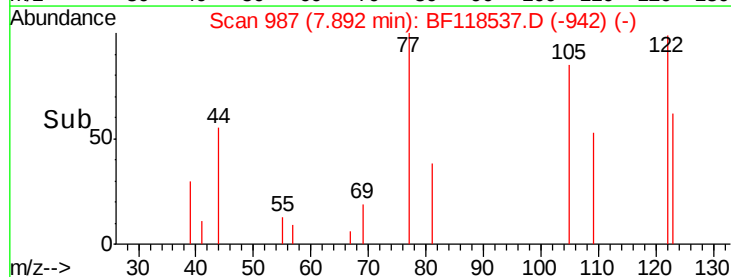
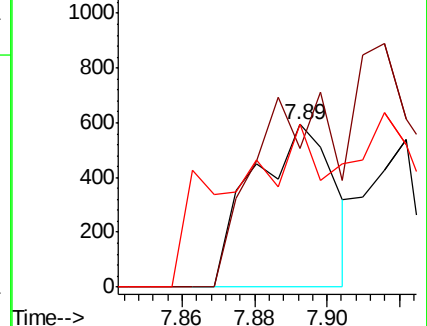
77 100.7 71.0 111.0

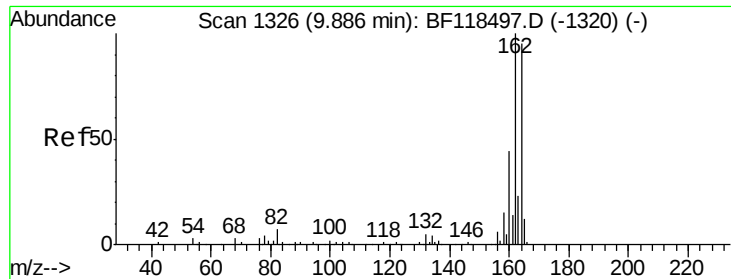


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

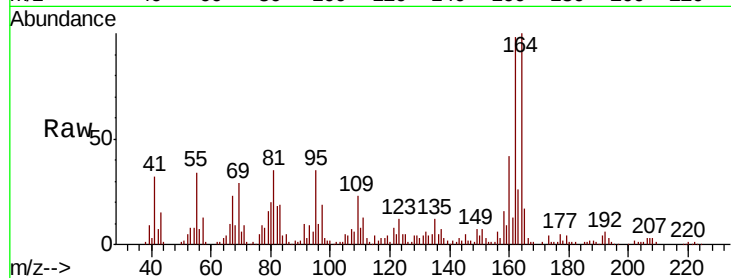




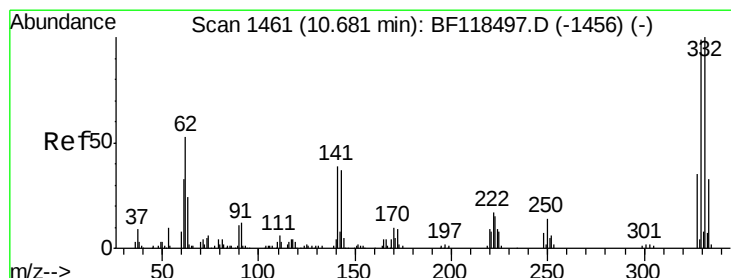
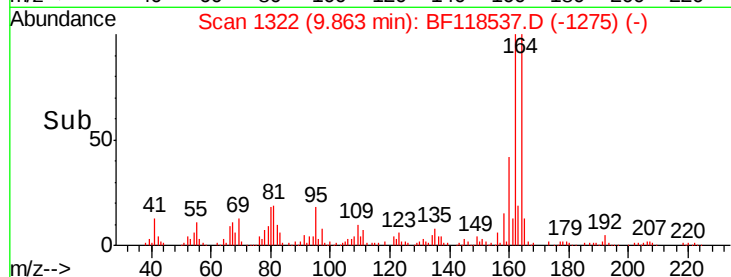
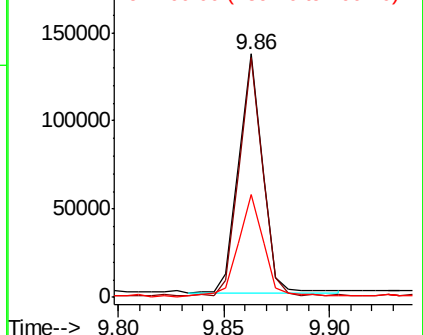
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 105954
Ion Ratio Lower Upper
164 100
162 98.3 84.2 126.4
160 42.1 36.8 55.2

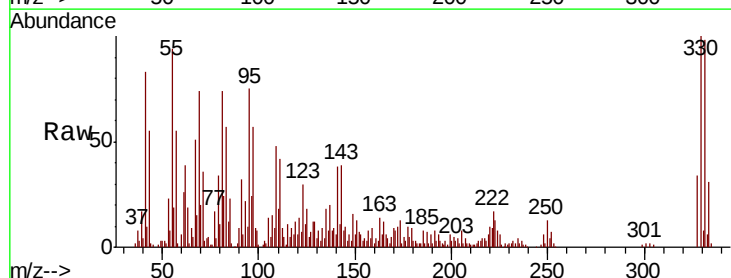


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

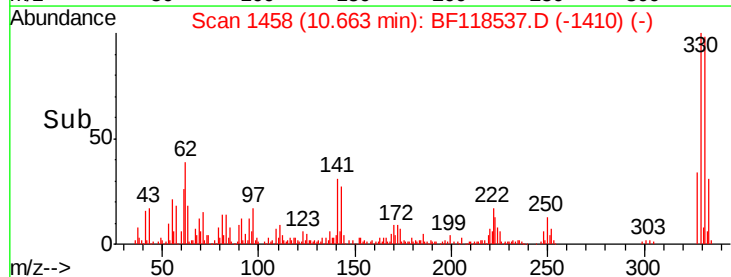
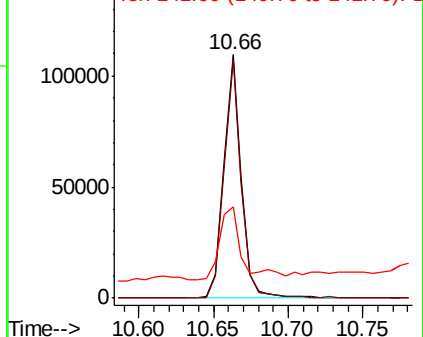


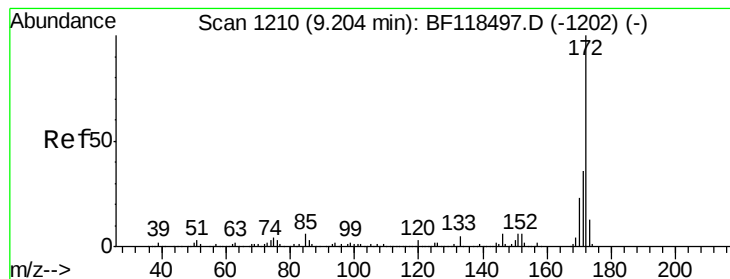
#42
2,4,6-Tribromophenol
Concen: 72.917 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion:330 Resp: 91163
Ion Ratio Lower Upper
330 100
332 95.9 77.9 116.9
141 33.9 28.6 43.0



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





#45

2-Fluorobiphenyl

Concen: 53.781 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

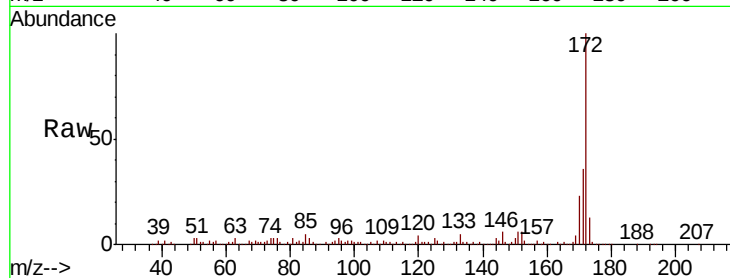
Tot Ion:172 Resp: 397318

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

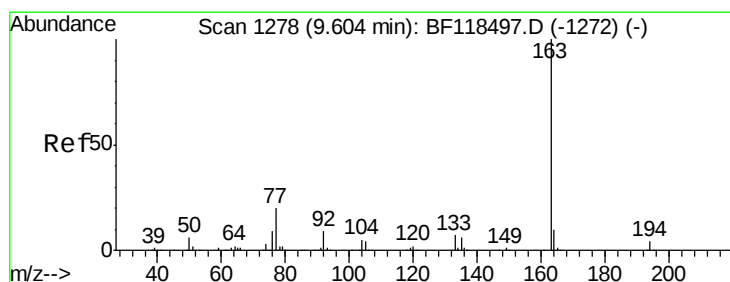
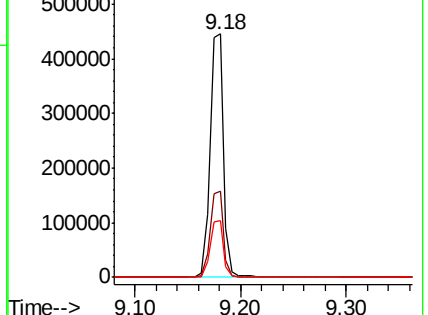
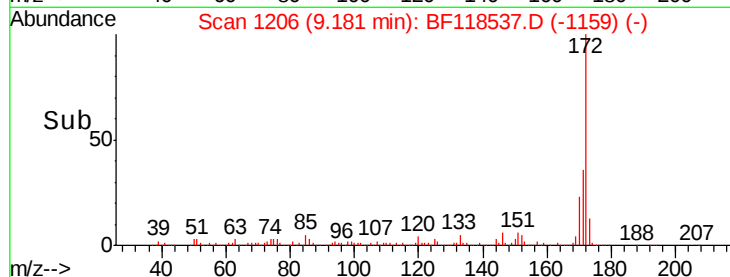
170 23.3 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 4.254 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

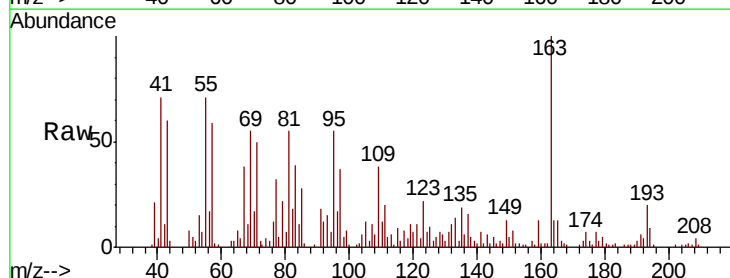
Tgt Ion:163 Resp: 34597

Ion Ratio Lower Upper

163 100

194 9.1 3.0 4.6#

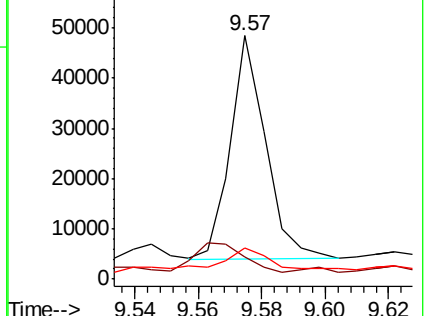
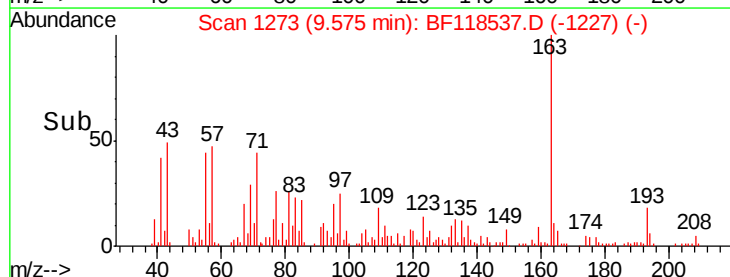
164 12.7 8.1 12.1#

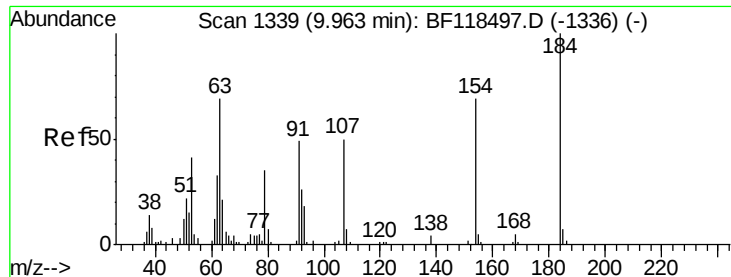


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#54

2,4-Dinitrophenol

Concen: 5.017 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.08 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

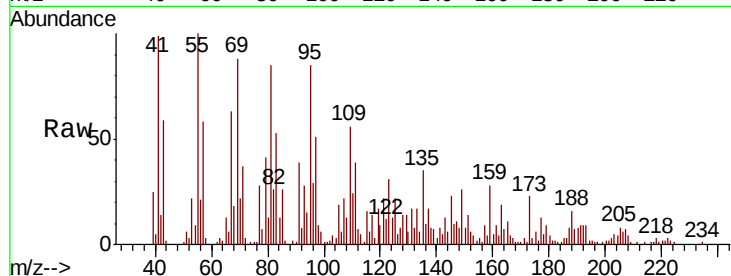
Tot Ion:184 Resp: 125

Ion Ratio Lower Upper

184 100

63 404.8 55.3 82.9#

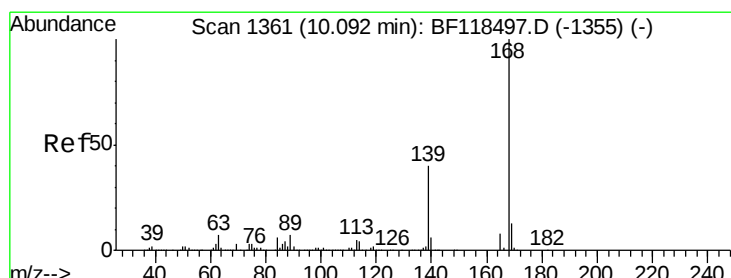
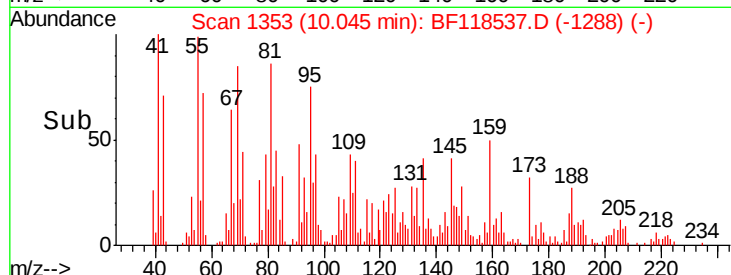
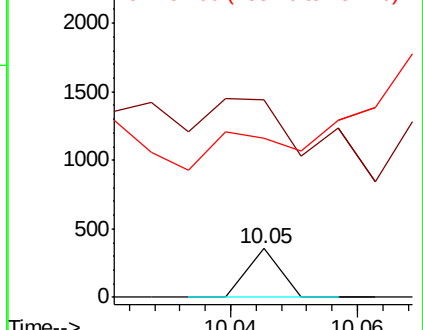
154 326.8 55.0 82.4#



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

Dibenzofuran

Concen: 2.525 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.11 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

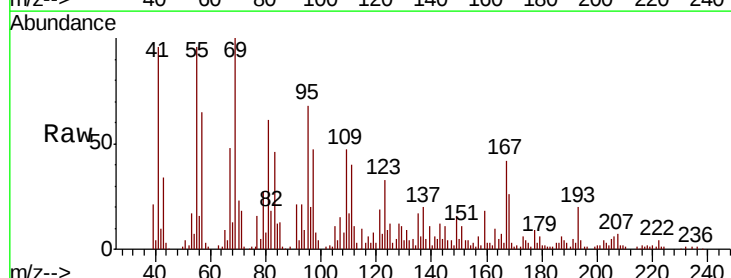
Tgt Ion:168 Resp: 23626

Ion Ratio Lower Upper

168 100

139 41.0 32.5 48.7

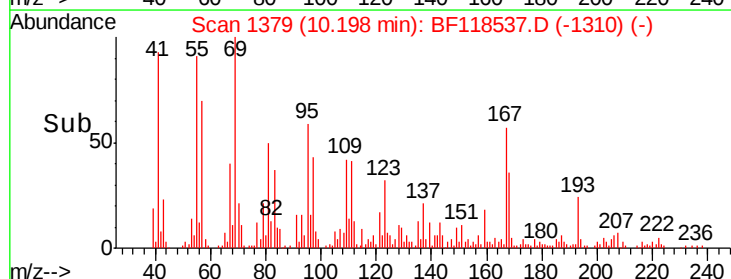
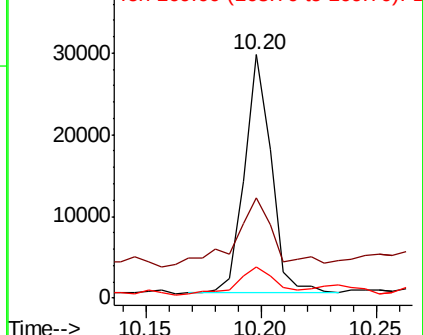
169 12.9 10.6 16.0

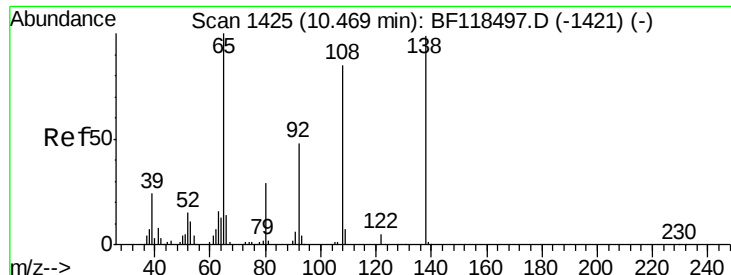


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

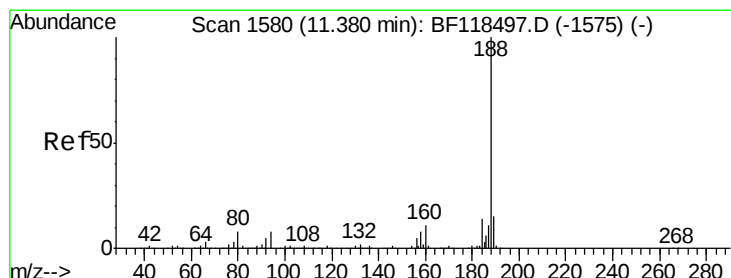
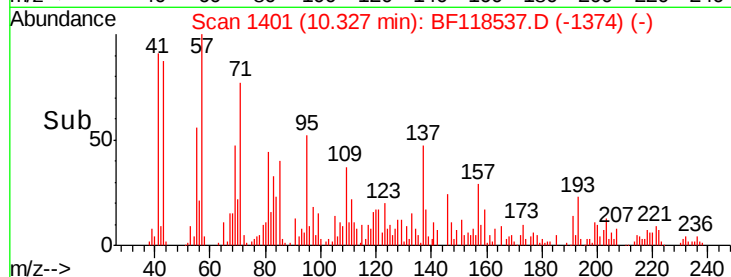
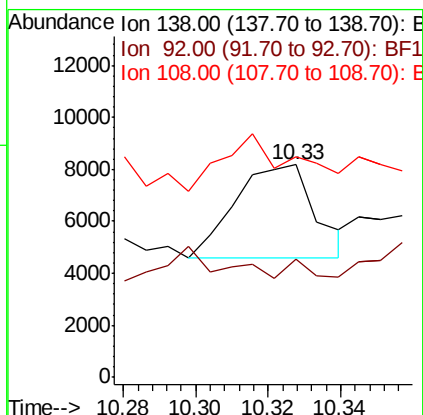
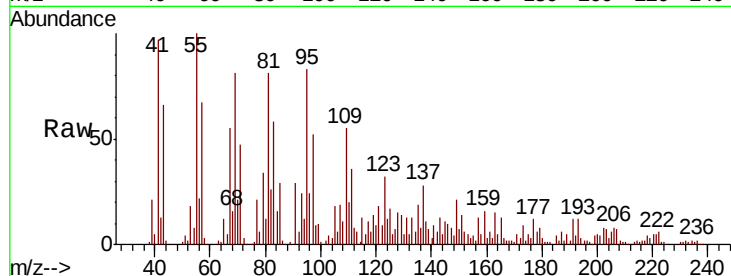




#62
4-Nitroaniline
Concen: 2.714 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.14 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

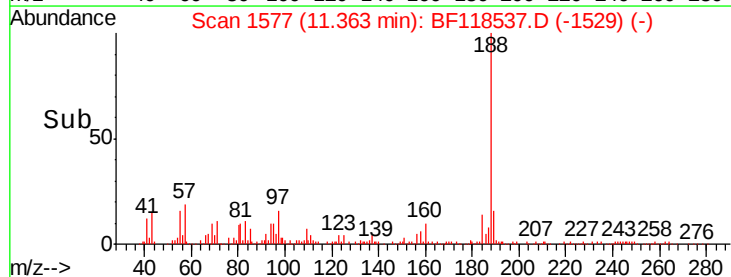
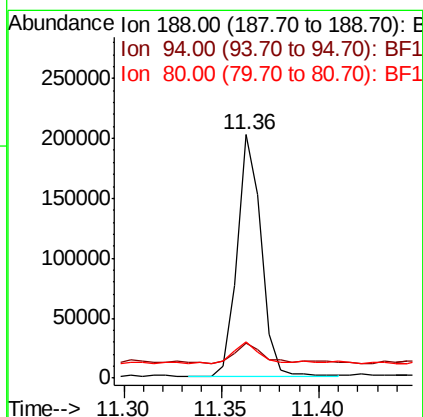
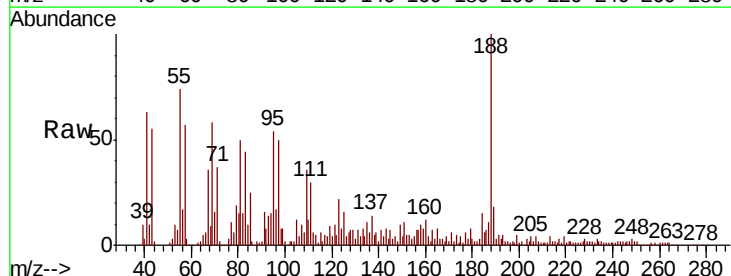
Instrument :
BNA_F
ClientSampled :

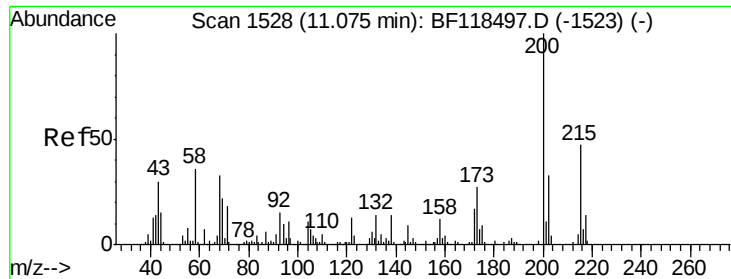
Tot Ion:138 Resp: 5451
Ion Ratio Lower Upper
138 100
92 55.8 27.9 67.9
108 103.8 64.7 104.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion:188 Resp: 170823
Ion Ratio Lower Upper
188 100
94 14.6 6.2 9.4#
80 14.9 6.6 10.0#

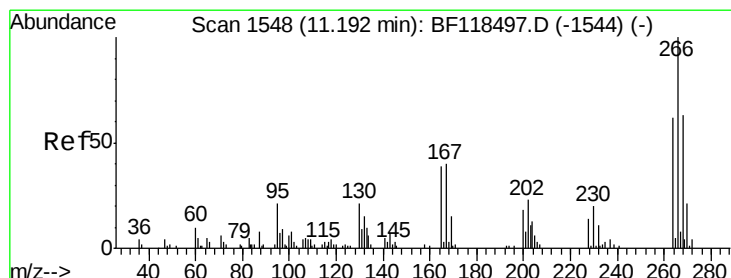
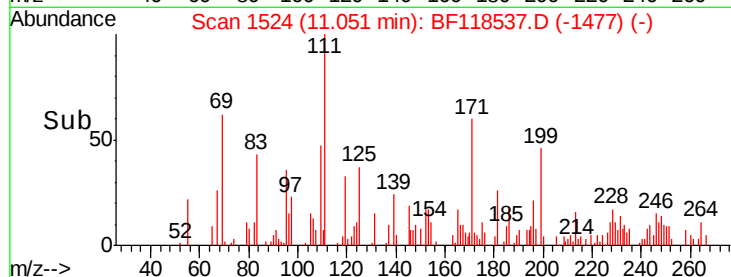
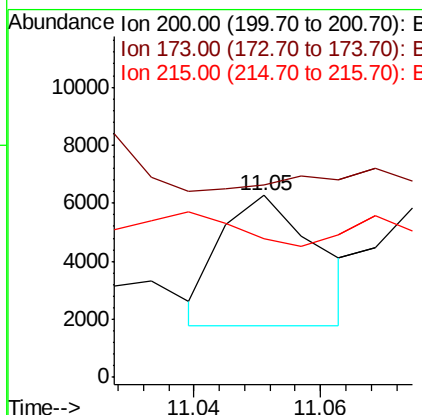
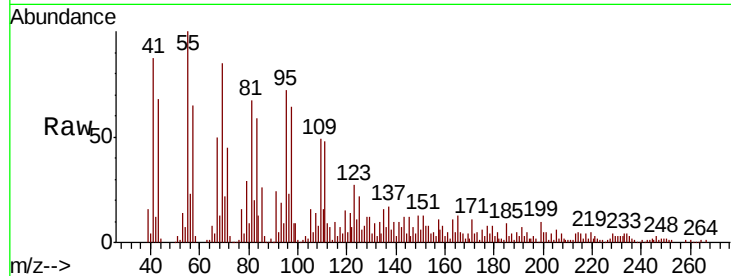




#69
Atrazine
Concen: 2.867 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

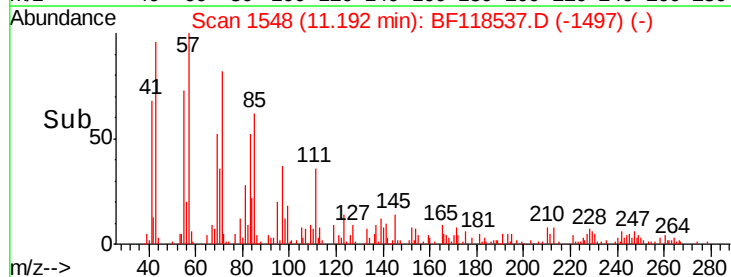
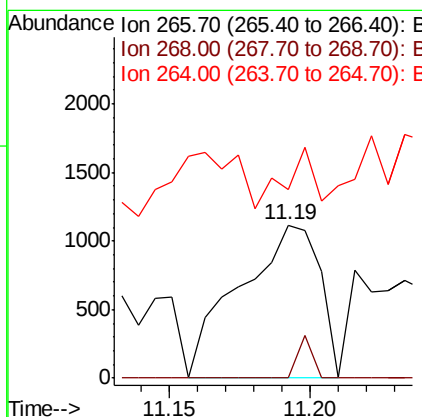
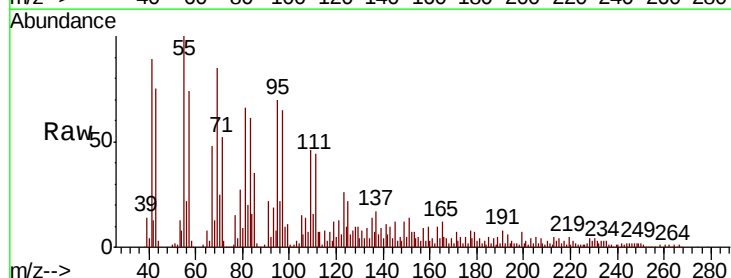
Instrument :
BNA_F
ClientSampled :

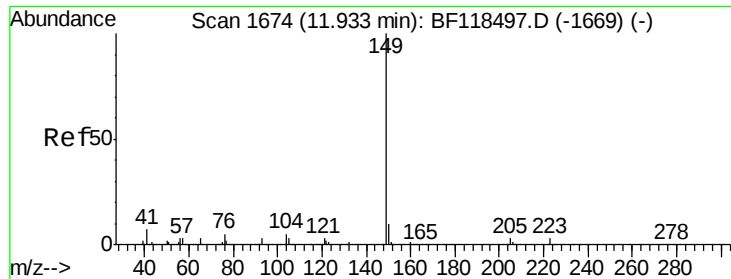
Tot Ion:200 Resp: 4739
Ion Ratio Lower Upper
200 100
173 106.0 7.0 47.0#
215 76.5 27.0 67.0#



#70
Pentachlorophenol
Concen: 6.762 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Tgt Ion:266 Resp: 2207
Ion Ratio Lower Upper
266 100
268 0.0 50.2 75.2#
264 123.3 49.4 74.0#





#74

Di-n-butylphthalate

Concen: 2.179 ng

RT: 11.92 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampled :

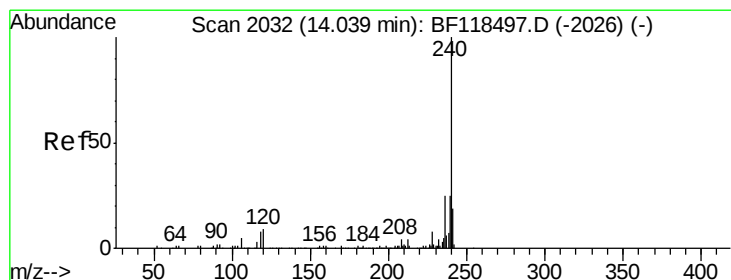
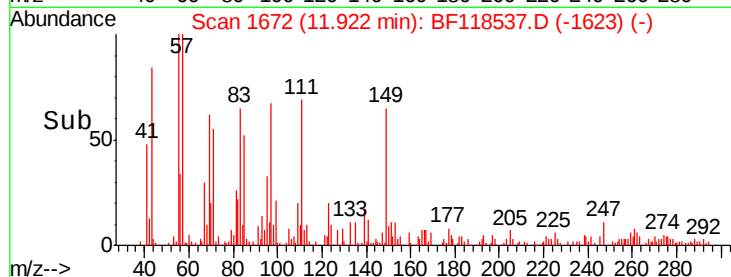
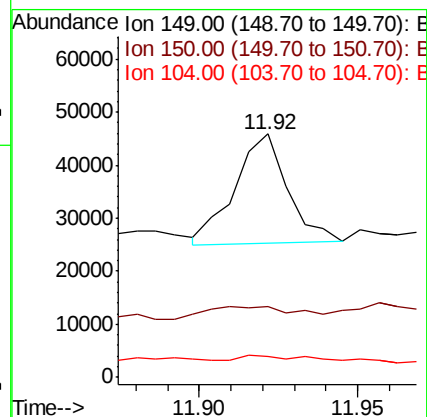
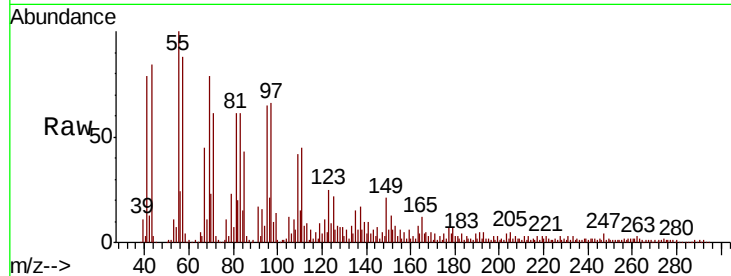
Tot Ion:149 Resp: 23969

Ion Ratio Lower Upper

149 100

150 28.9 7.8 11.8#

104 8.4 4.2 6.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

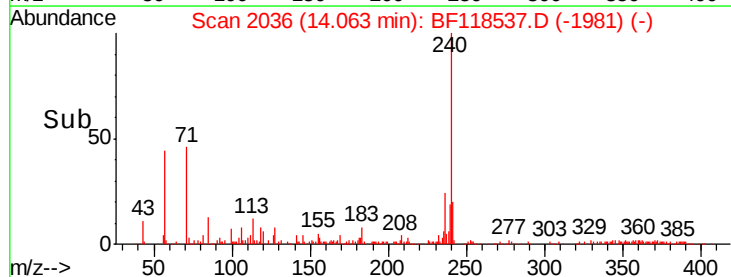
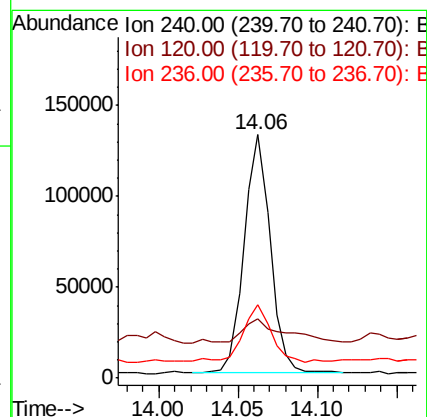
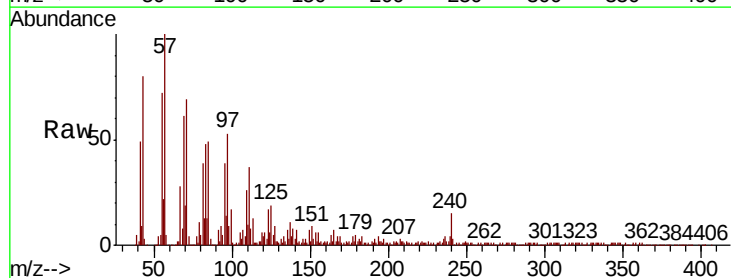
Tgt Ion:240 Resp: 148407

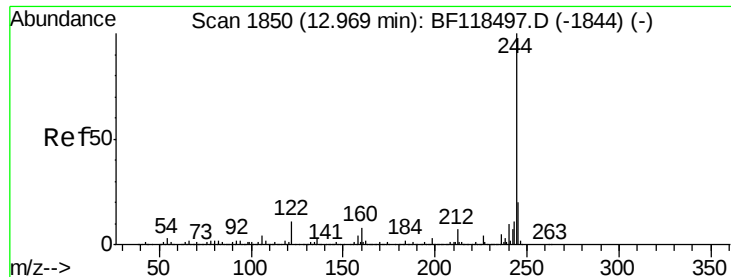
Ion Ratio Lower Upper

240 100

120 24.2 7.0 10.6#

236 30.1 20.1 30.1#





#79

Terphenyl-d14

Concen: 47.477 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

Instrument :

BNA_F

ClientSampleId :

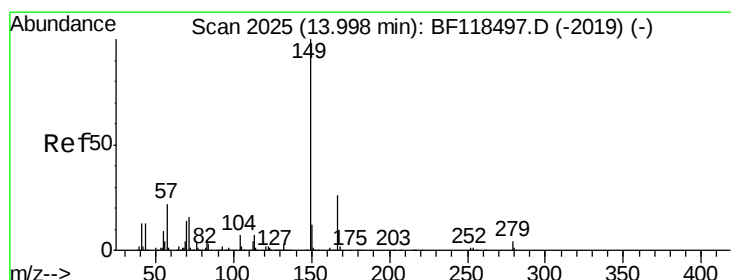
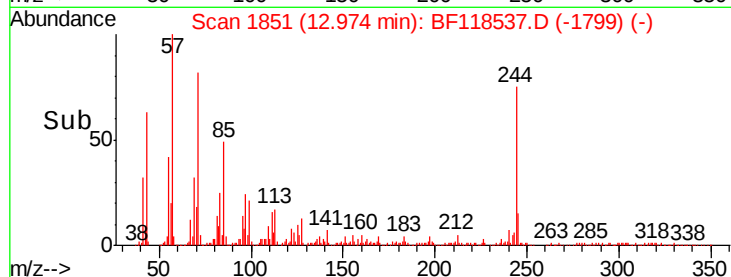
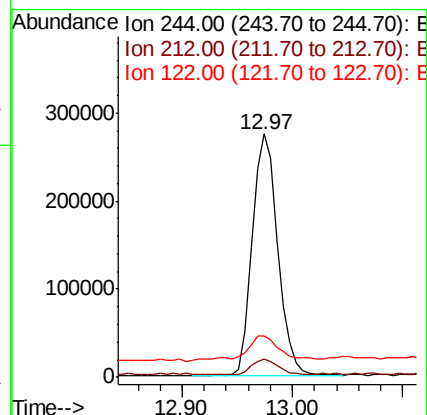
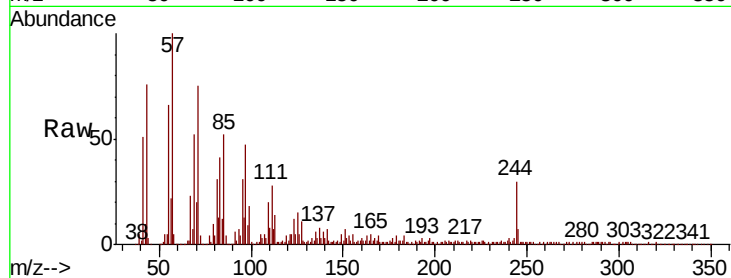
Tot Ion:244 Resp: 444625

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 16.8 9.0 13.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 102.980 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.02 min

Lab File: BF118537.D

Acq: 13 Jan 2020 18:16

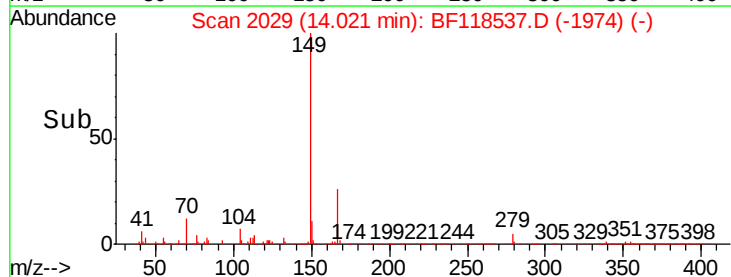
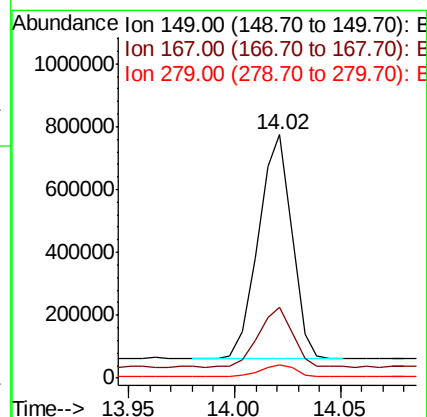
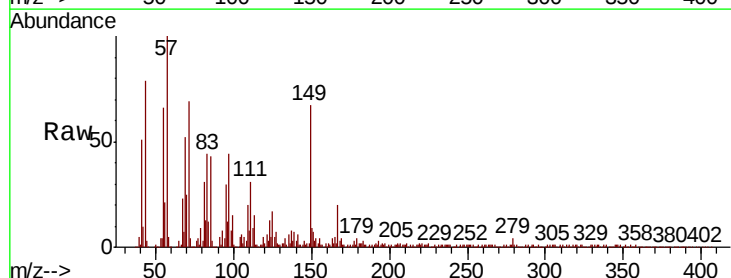
Tgt Ion:149 Resp: 781883

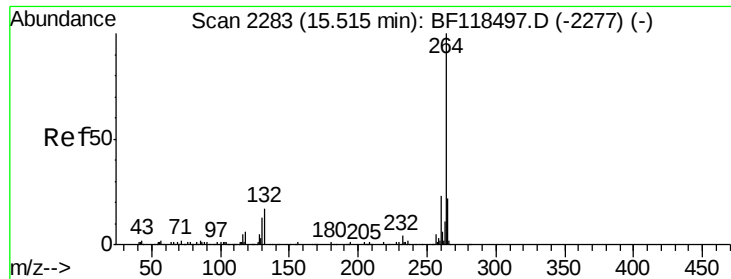
Ion Ratio Lower Upper

149 100

167 28.9 20.6 30.8

279 5.6 3.1 4.7#

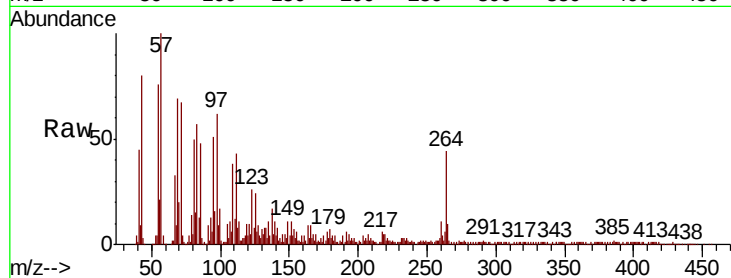




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF118537.D
Acq: 13 Jan 2020 18:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	23.2	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

