

Data File : BF118702.D
Acq On : 24 Jan 2020 22:59
Operator : CG/JU
Sample : L1242-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Quant Time: Jan 27 01:07:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

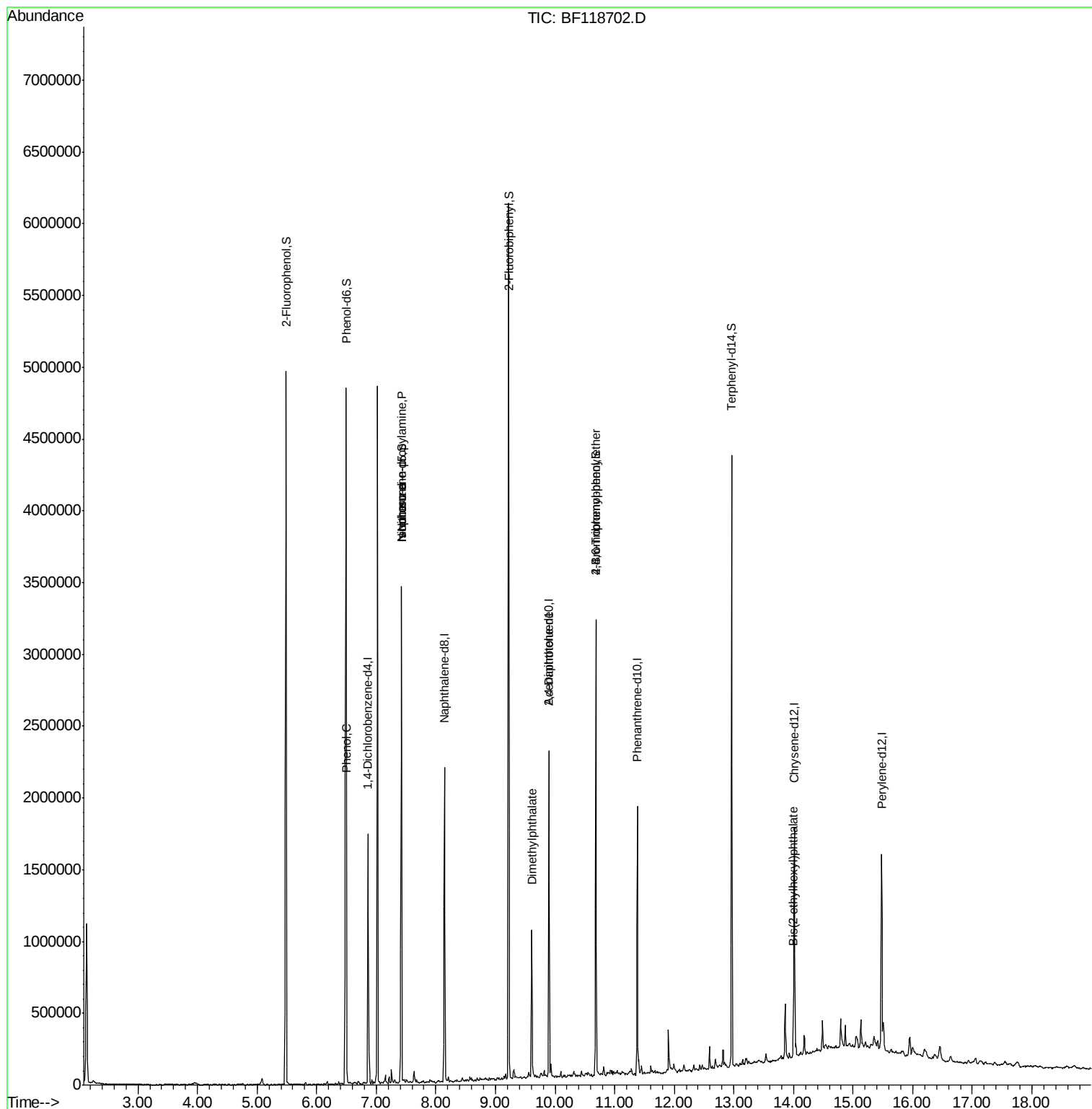
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	249545	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	894974	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	431374	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	651562	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	507275	20.00	ng	-0.03
87) Perylene-d12	15.48	264	666001	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1409137	104.88	ng	-0.01
7) Phenol-d6	6.49	99	1736857	99.46	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1076130	67.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	427781	85.74	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1899682	72.38	ng	-0.02
79) Terphenyl-d14	12.96	244	1460614	62.80	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	78455	3.942	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	151198	12.822	ng	# 77
25) Isophorone	7.42	82	1072359	36.744	ng	# 64
50) Dimethylphthalate	9.61	163	388199	13.813	ng	97
57) 2,4-Dinitrotoluene	9.90	165	57405	7.236	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	26790	3.328	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.00	149	39270	2.280	ng	# 98

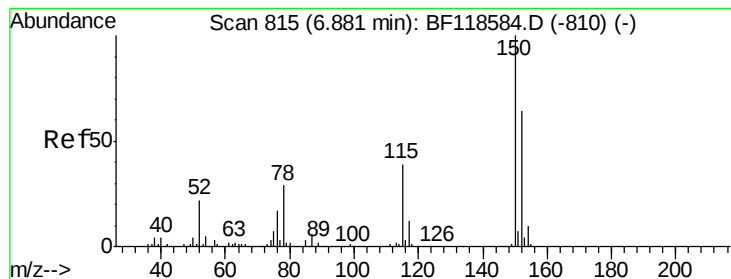
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118702.D

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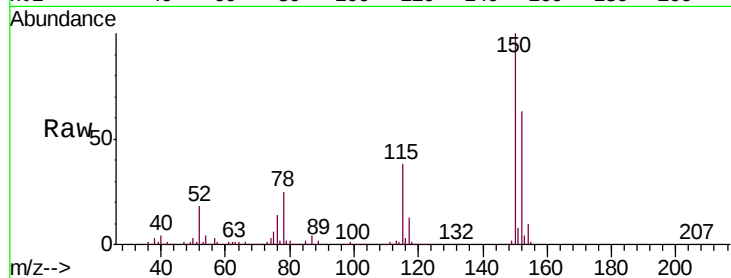
Tgt Ion:152 Resp: 249545

Ion Ratio Lower Upper

152 100

150 158.3 125.6 188.4

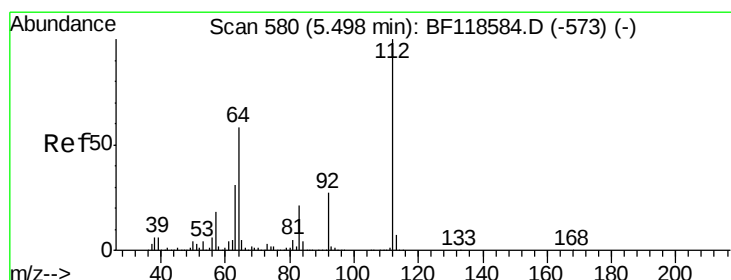
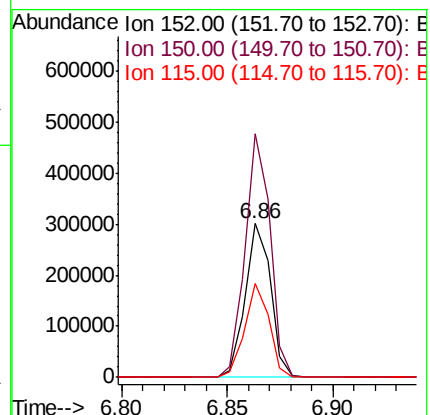
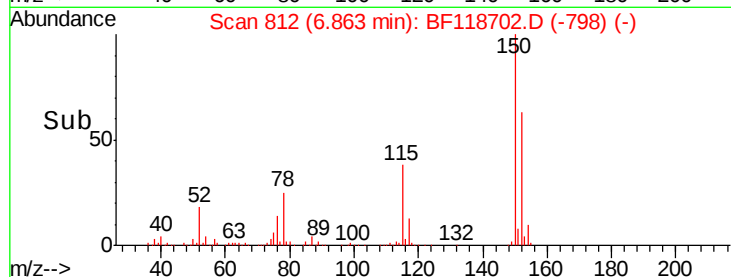
115 60.9 48.4 72.6



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: 104.876 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

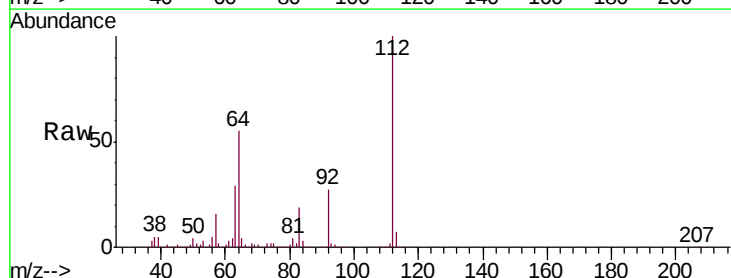
Tgt Ion:112 Resp: 1409137

Ion Ratio Lower Upper

112 100

64 55.4 46.6 70.0

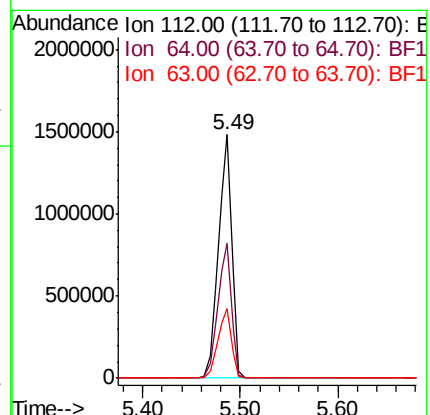
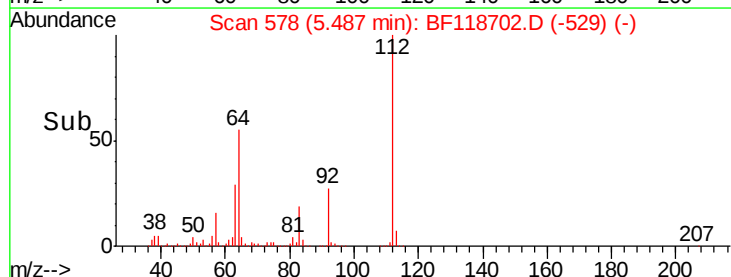
63 28.7 25.1 37.7



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: 99.456 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

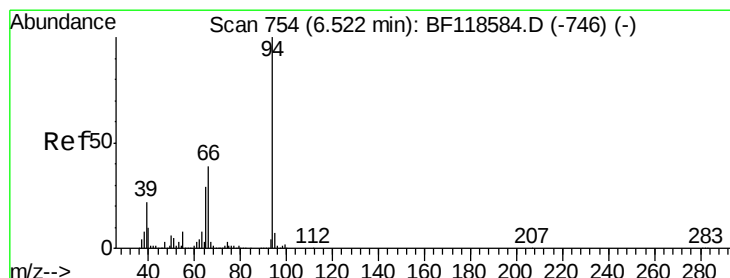
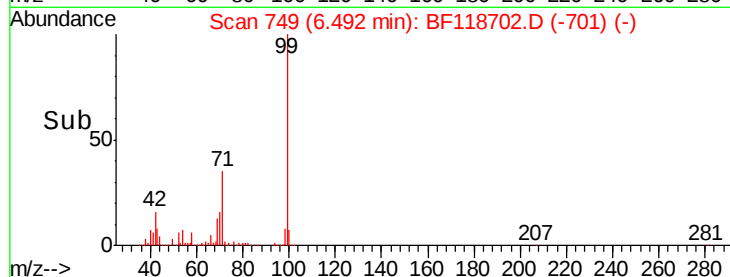
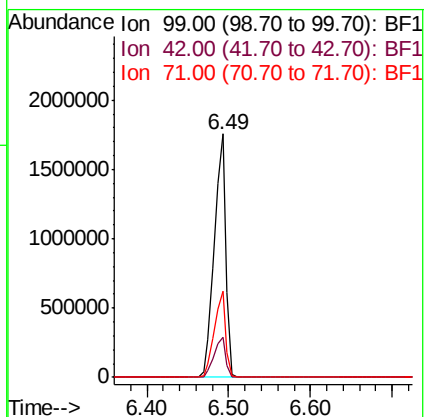
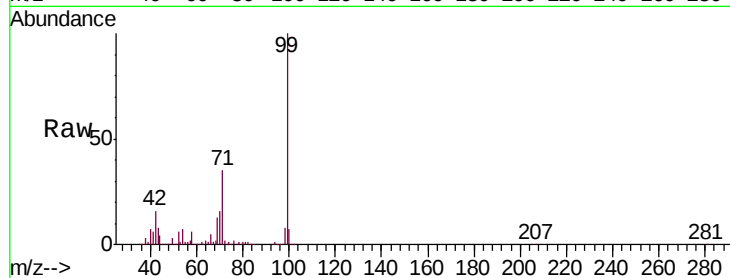
Tgt Ion: 99 Resp: 1736857

Ion Ratio Lower Upper

99 100

42 16.4 14.2 21.2

71 35.5 27.8 41.6



#10

Phenol

Concen: 3.942 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

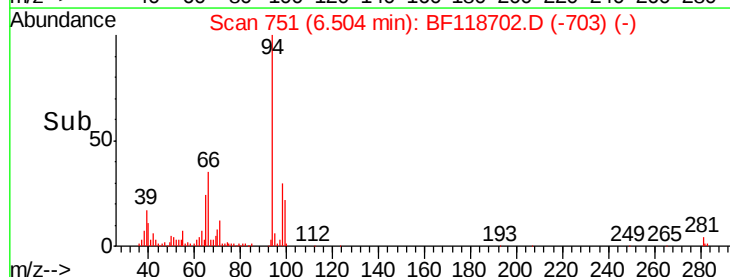
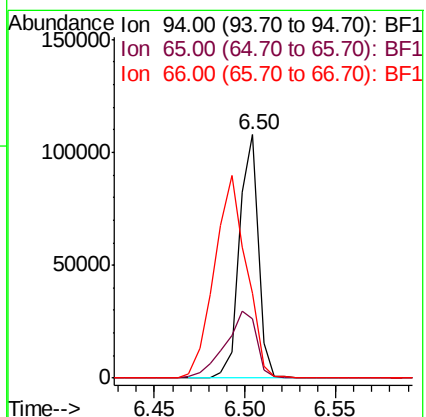
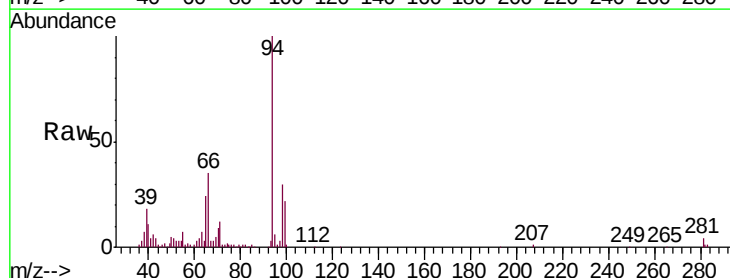
Tgt Ion: 94 Resp: 78455

Ion Ratio Lower Upper

94 100

65 24.3 9.5 49.5

66 34.8 18.5 58.5

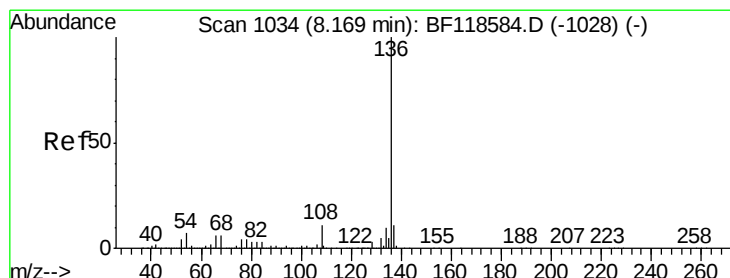
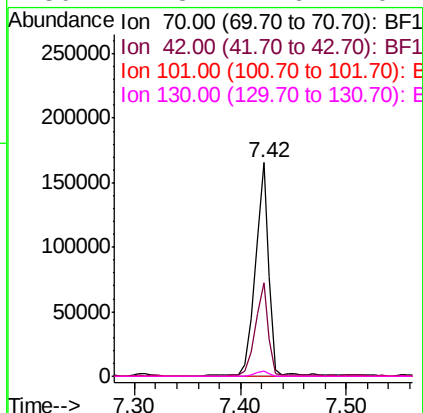
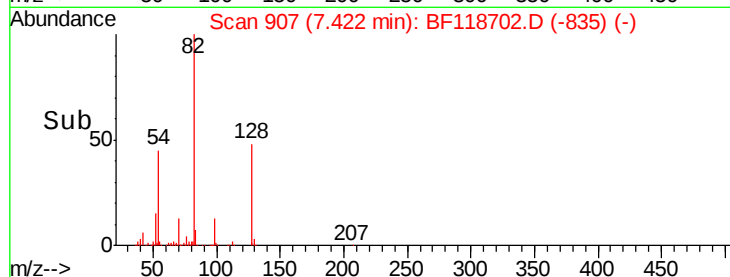
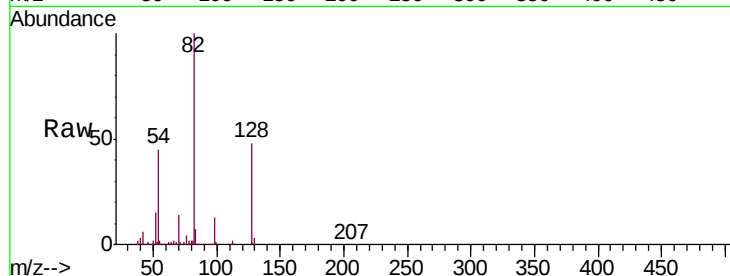




#19
n-Nitroso-di-n-propylamine
Concen: 12.822 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.12 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

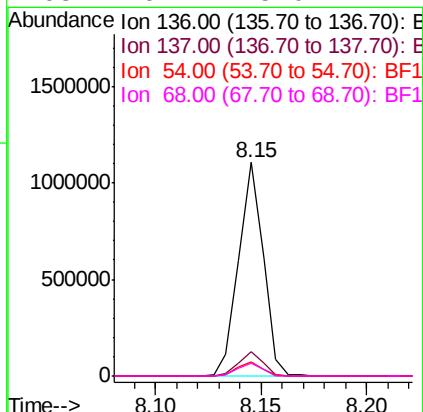
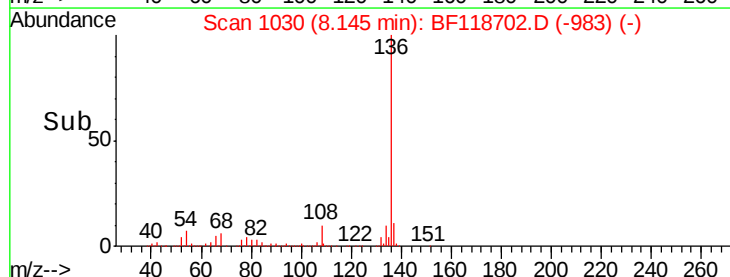
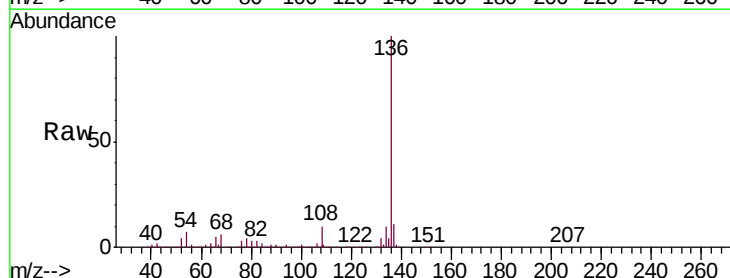
Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tgt Ion: 70 Resp: 151198
Ion Ratio Lower Upper
70 100
42 43.5 43.4 65.0
101 0.0 8.1 12.1#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Tgt Ion: 136 Resp: 894974
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.8 5.8 8.6
68 6.1 5.0 7.4

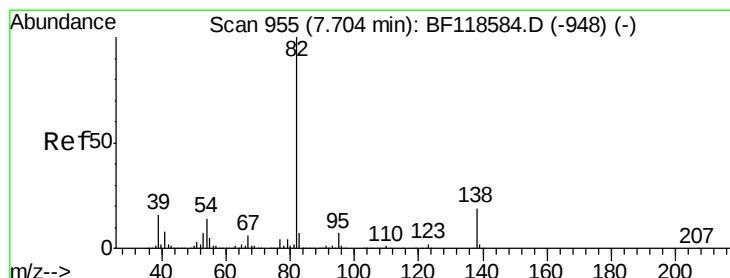
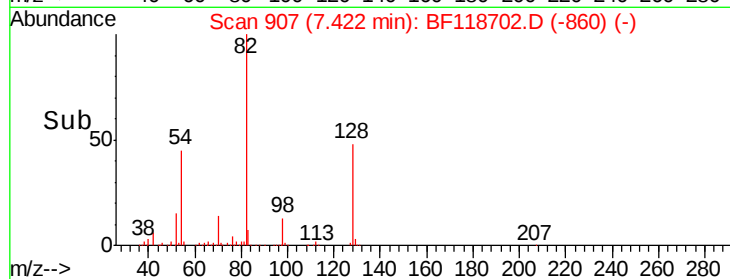
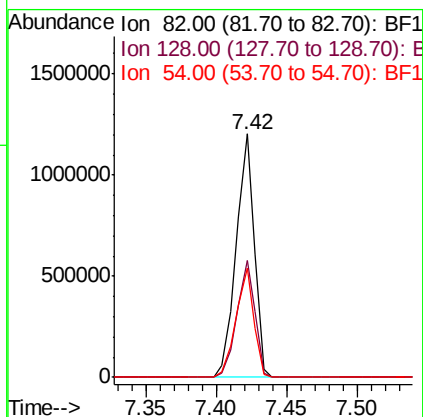
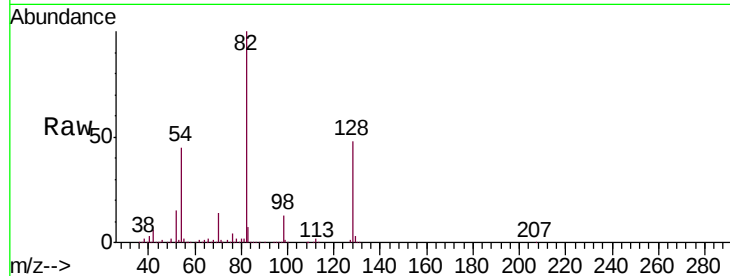




#23
 Nitrobenzene-d5
 Concen: 67.256 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118702.D
 Acq: 24 Jan 2020 22:59

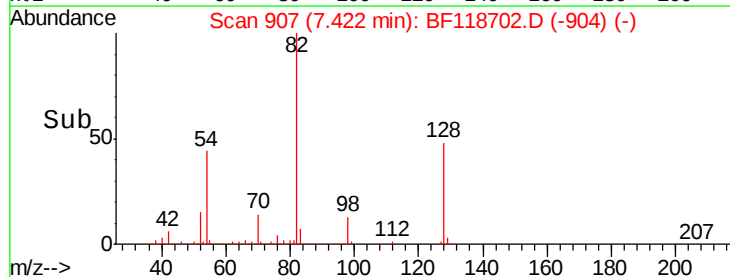
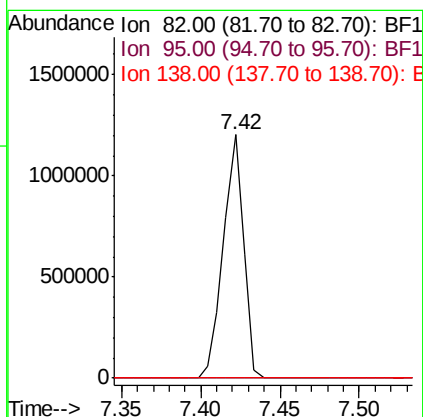
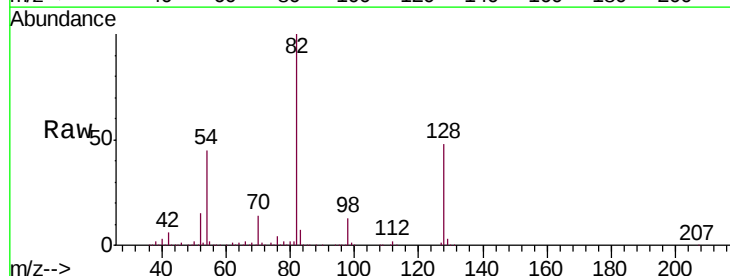
Instrument :
 BNA_F
 ClientSampleId :
 20200062-COMPOSITE-B8

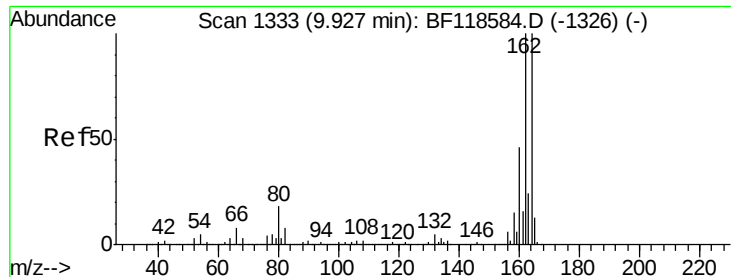
Tgt Ion: 82 Resp: 1076130
 Ion Ratio Lower Upper
 82 100
 128 47.8 36.6 54.8
 54 44.7 38.0 57.0



#25
 Isophorone
 Concen: 36.744 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.28 min
 Lab File: BF118702.D
 Acq: 24 Jan 2020 22:59

Tgt Ion: 82 Resp: 1072359
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.9 8.9#
 138 0.0 15.3 22.9#

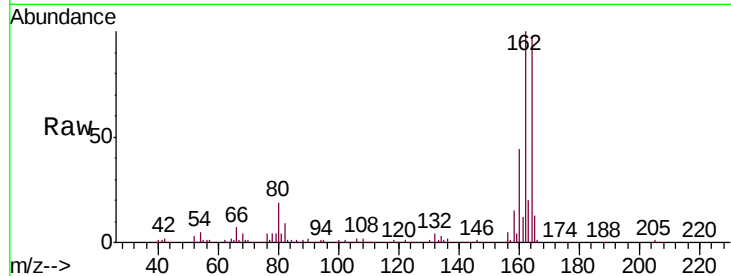




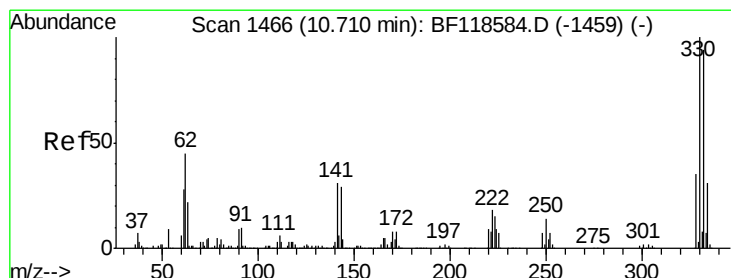
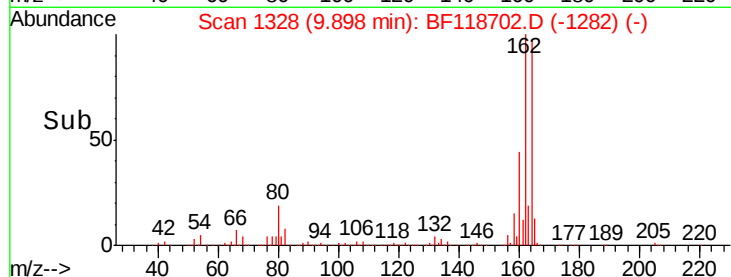
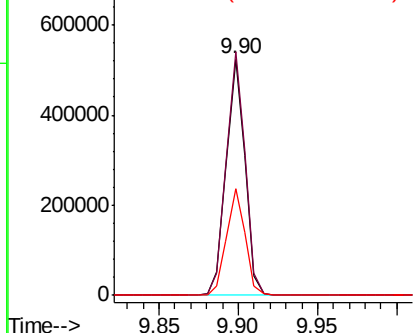
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.03 min
 Lab File: BF118702.D
 Acq: 24 Jan 2020 22:59

Instrument :
 BNA_F
 ClientSampleId :
 20200062-COMPOSITE-B8

Tgt Ion:164 Resp: 431374
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.4 120.6
 160 45.4 36.6 55.0

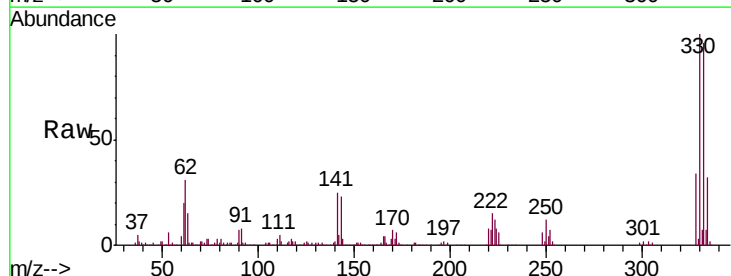


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

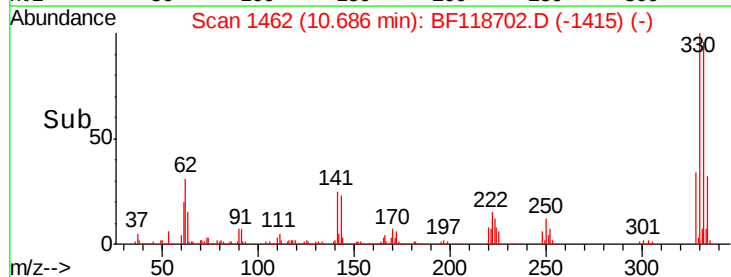
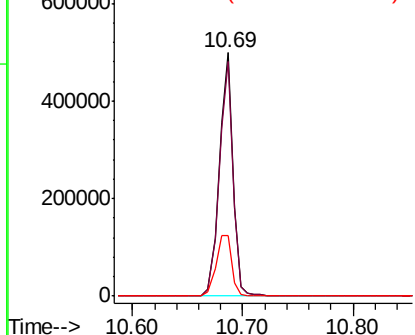


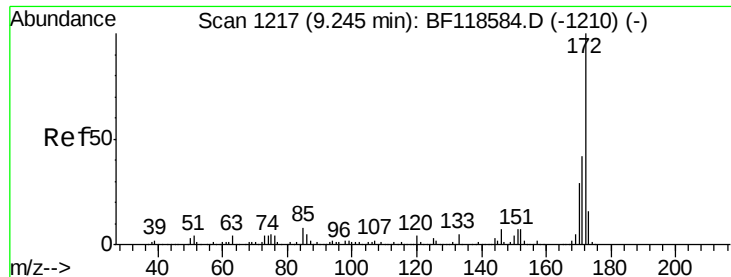
#42
 2,4,6-Tribromophenol
 Concen: 85.738 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF118702.D
 Acq: 24 Jan 2020 22:59

Tgt Ion:330 Resp: 427781
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 28.8 23.9 35.9



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: 72.381 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

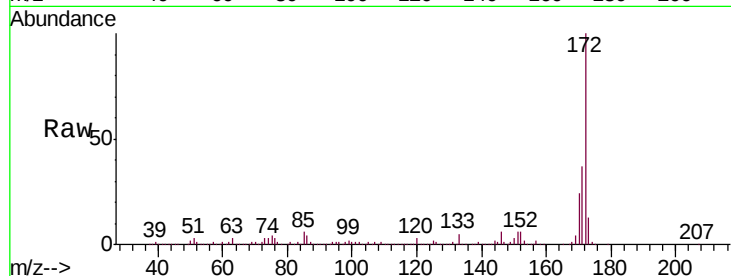
Tgt Ion:172 Resp: 1899682

Ion Ratio Lower Upper

172 100

171 36.7 33.4 50.2

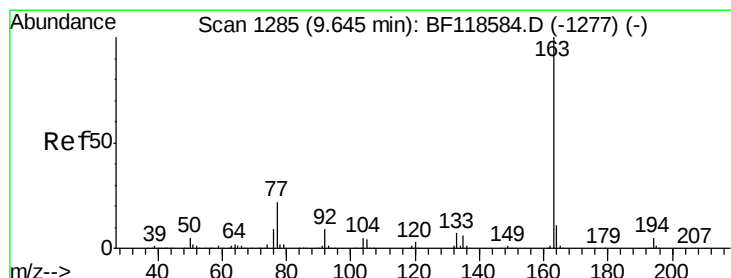
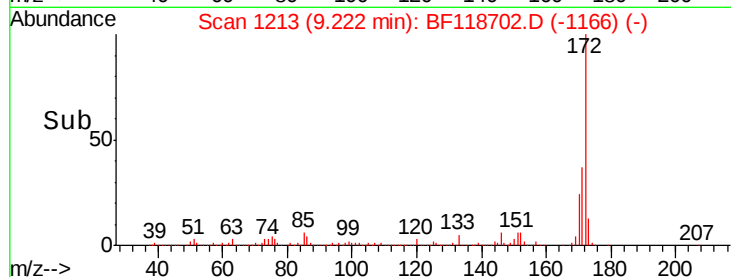
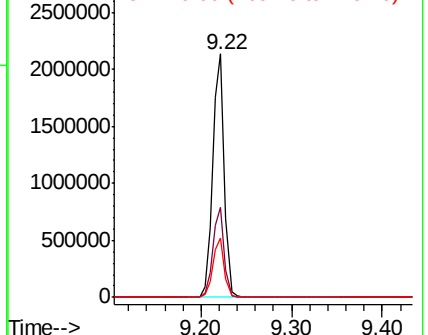
170 24.3 23.2 34.8



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: 13.813 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.04 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

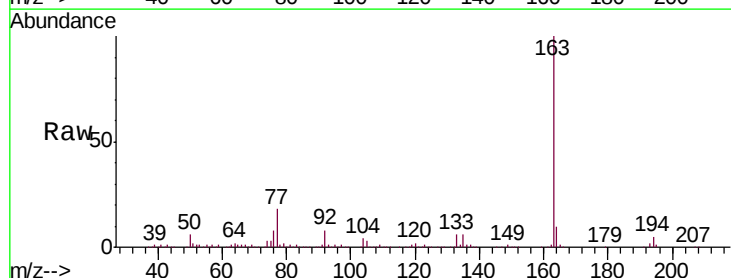
Tgt Ion:163 Resp: 388199

Ion Ratio Lower Upper

163 100

194 4.6 3.9 5.9

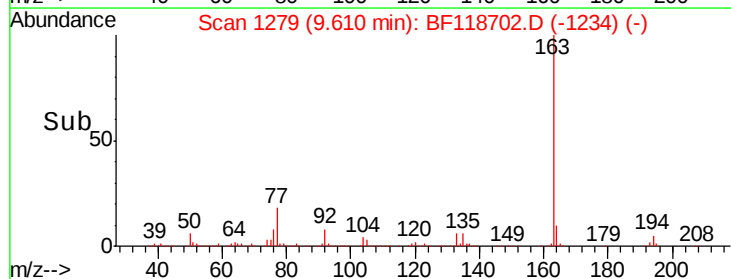
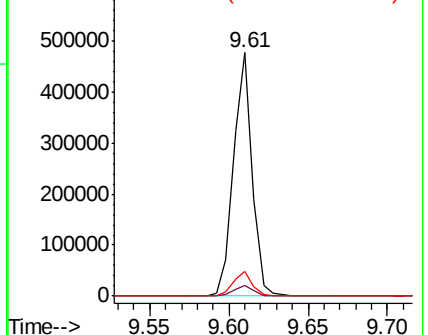
164 10.1 9.1 13.7

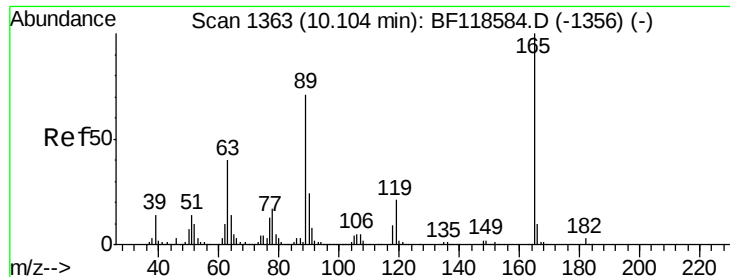


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

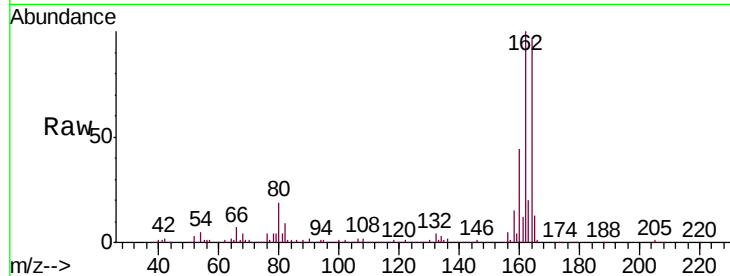




#57
2,4-Dinitrotoluene
Concen: 7.236 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.21 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

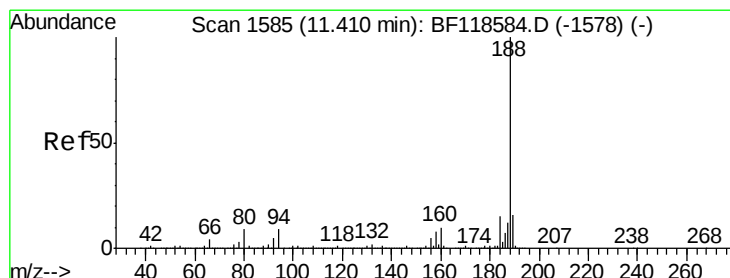
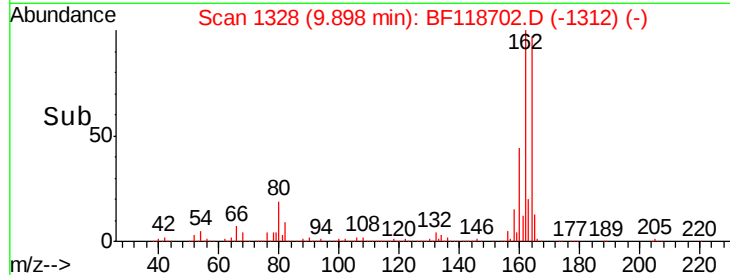
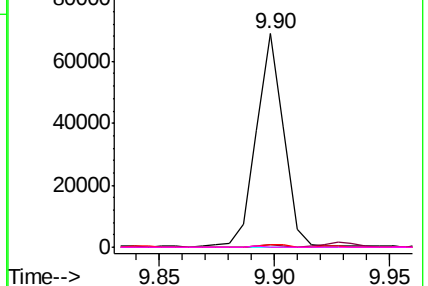


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

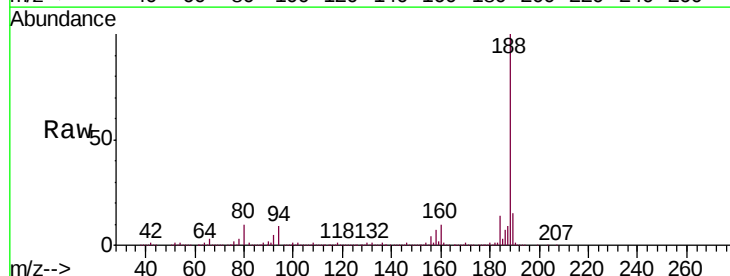
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

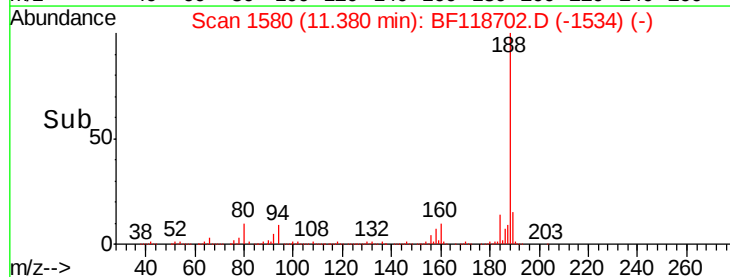
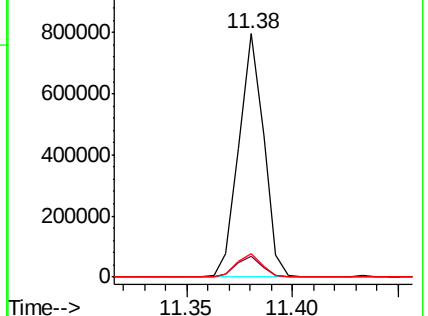
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.7	7.5	11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

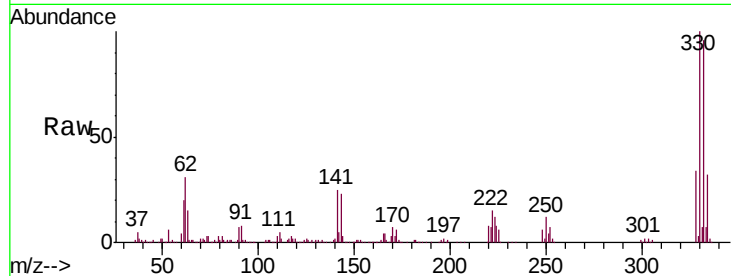




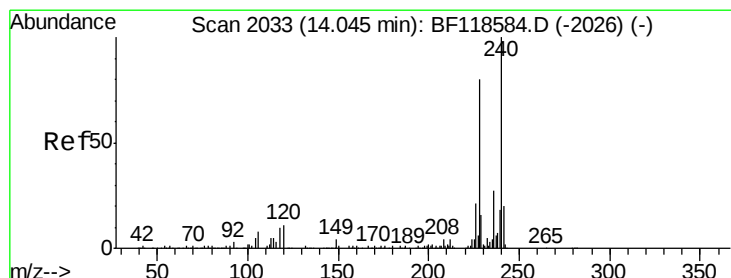
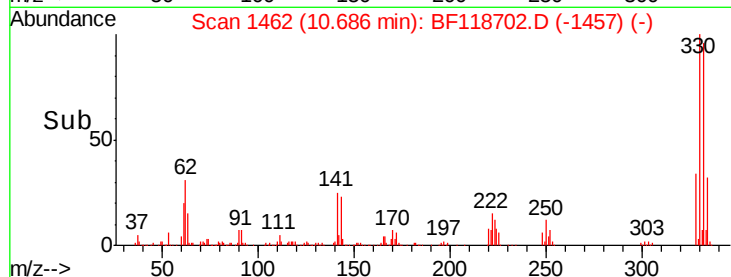
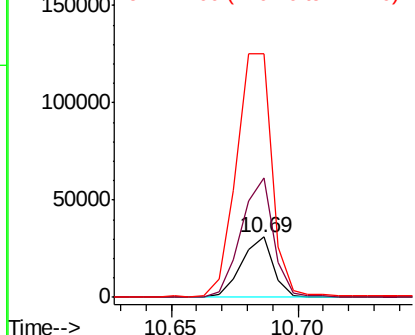
#67
4-Bromophenyl-phenylether
Concen: 3.328 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.27 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tgt Ion:248 Resp: 26790
Ion Ratio Lower Upper
248 100
250 199.6 78.7 118.1#
141 404.7 43.2 64.8#

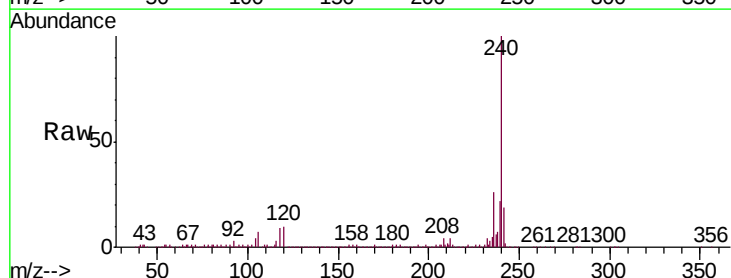


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

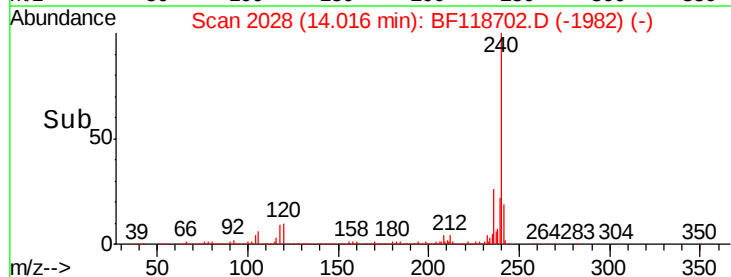
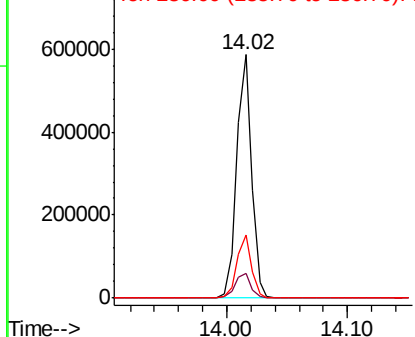


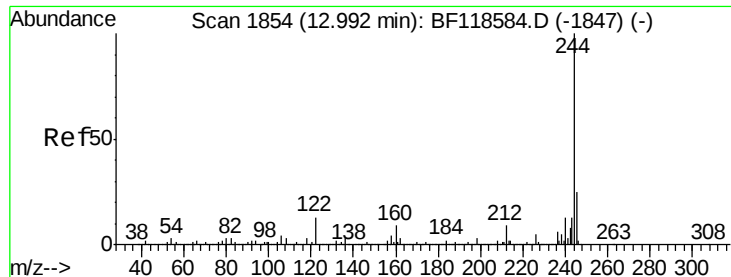
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Tgt Ion:240 Resp: 507275
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.1 21.5 32.3



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





#79

Terphenyl-d14

Concen: 62.801 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

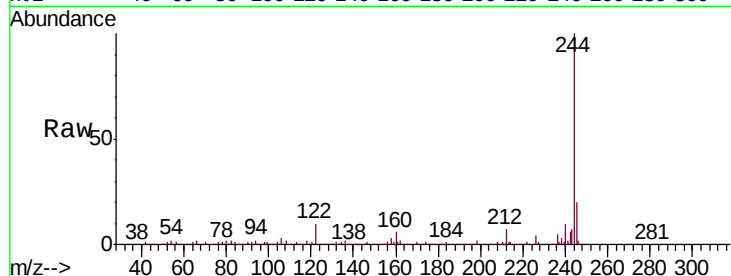
Tgt Ion:244 Resp: 1460614

Ion Ratio Lower Upper

244 100

212 6.6 7.0 10.4#

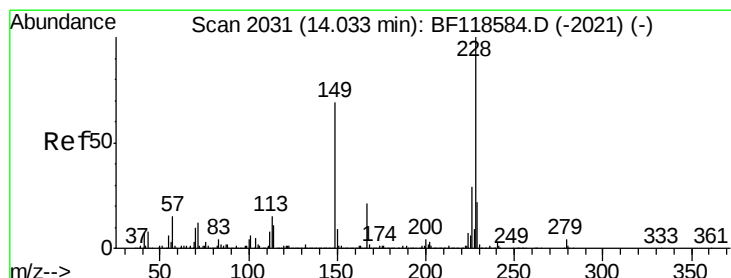
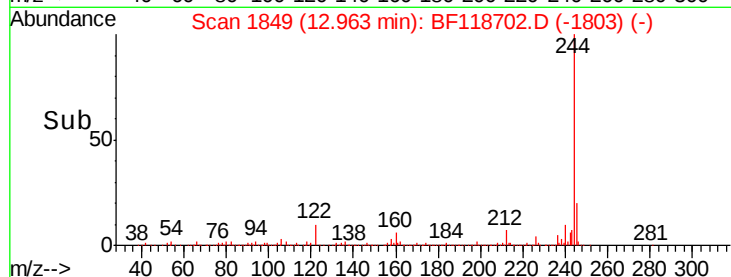
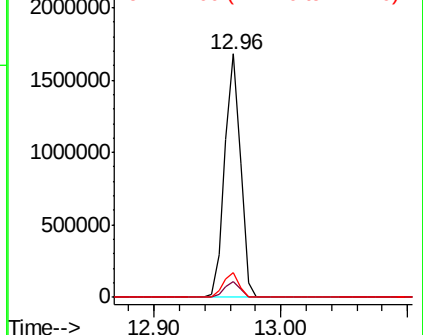
122 10.2 10.7 16.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.280 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

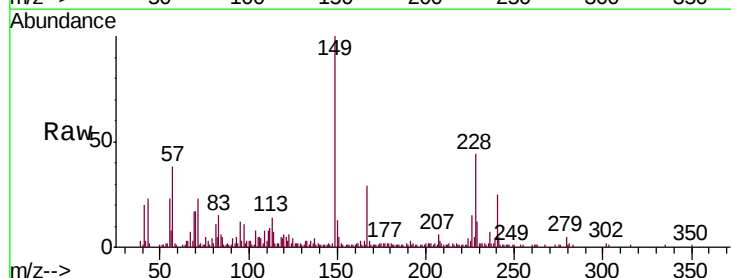
Tgt Ion:149 Resp: 39270

Ion Ratio Lower Upper

149 100

167 29.4 24.2 36.4

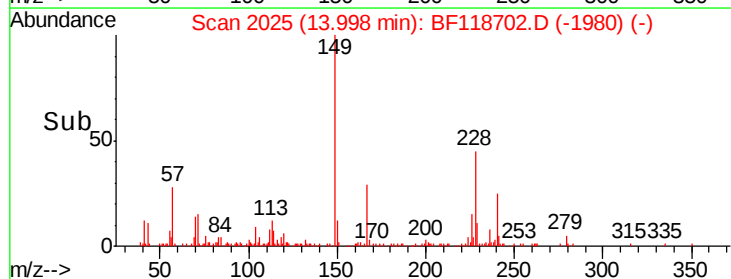
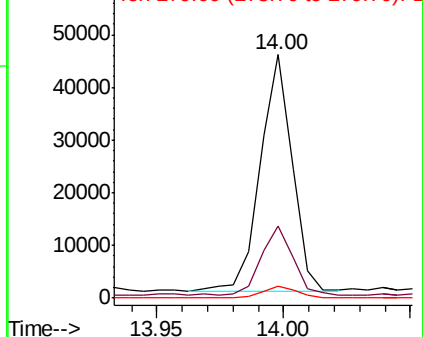
279 4.9 5.0 7.4#

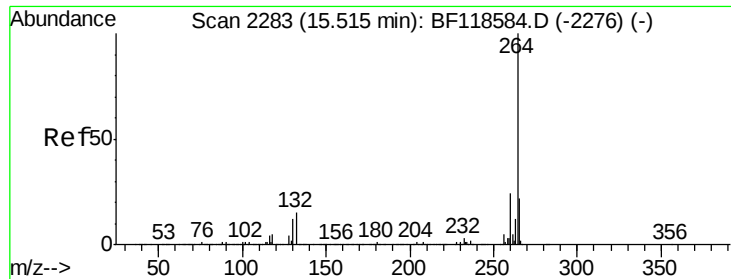


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

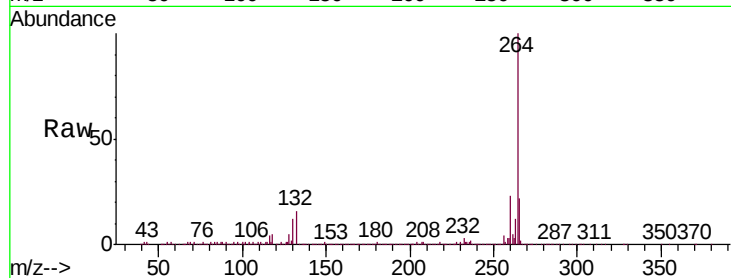




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.0	17.7	26.5



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

