

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120449.D
 Acq On : 29 May 2020 19:50
 Operator : MA/SJ
 Sample : L2790-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 30 00:38:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

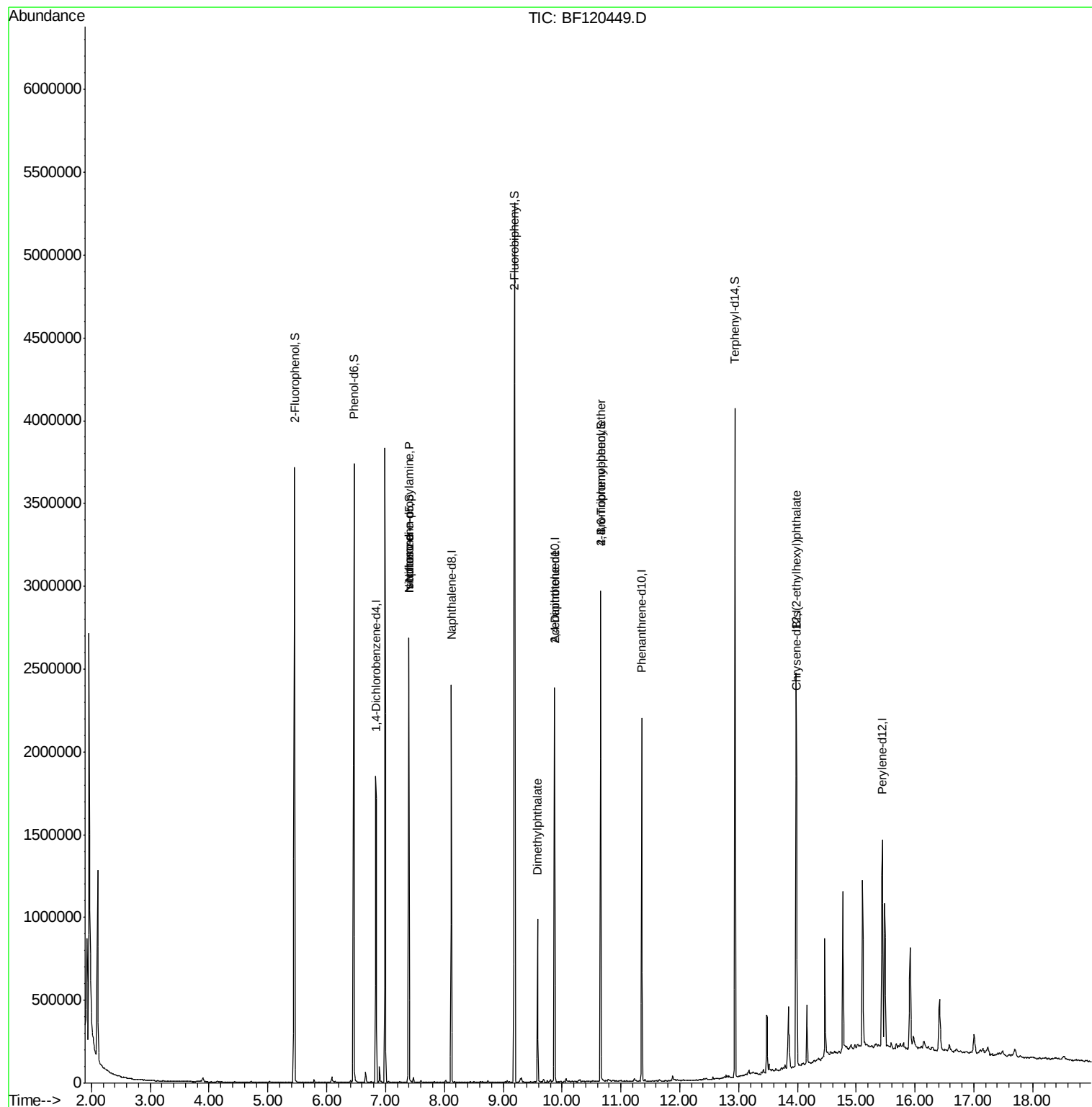
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	279224	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1024762	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	488968	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	760081	20.00	ng	0.00
76) Chrysene-d12	13.99	240	539422	20.00	ng	0.00
86) Perylene-d12	15.44	264	587130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1041511	71.08	ng	0.00
7) Phenol-d6	6.46	99	1359161	75.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	853968	54.51	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	353838	78.10	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1679379	58.27	ng	0.00
79) Terphenyl-d14	12.94	244	1421960	58.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	113598	9.896	ng	# 77
25) Isophorone	7.40	82	851706	27.050	ng	# 64
50) Dimethylphthalate	9.59	163	346716	11.342	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	63746	7.332	ng	# 22
67) 4-Bromophenyl-phenylether	10.66	248	21304	2.777	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.98	149	553032	30.082	ng	# 98

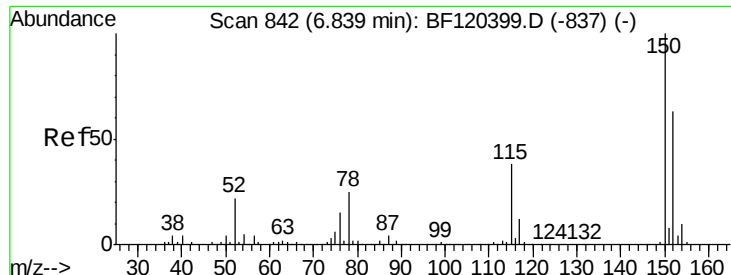
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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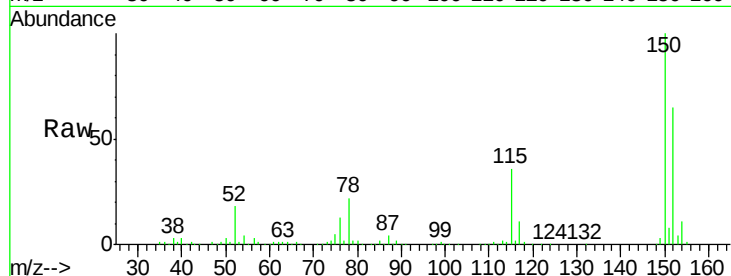


#1

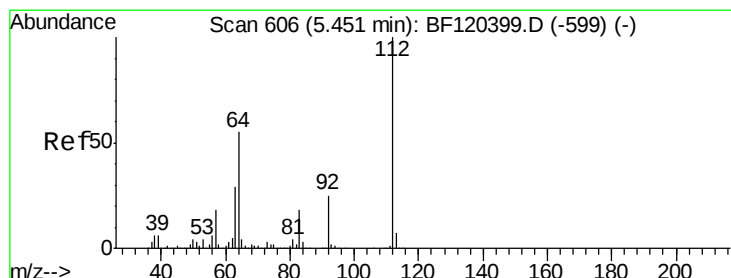
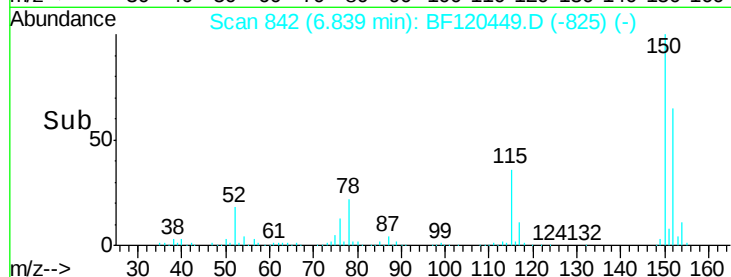
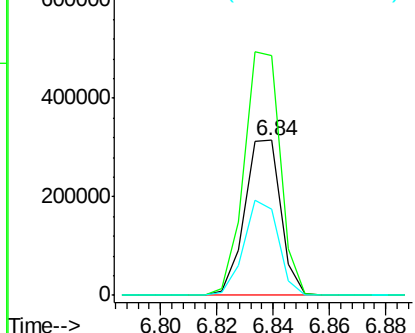
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120449.D
Acq: 29 May 2020 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 279224
Ion Ratio Lower Upper
152 100
150 154.5 126.5 189.7
115 55.4 47.6 71.4



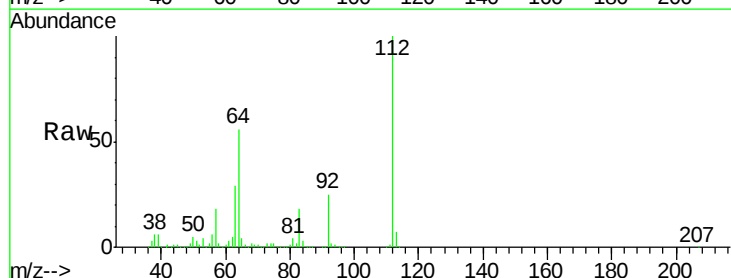
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



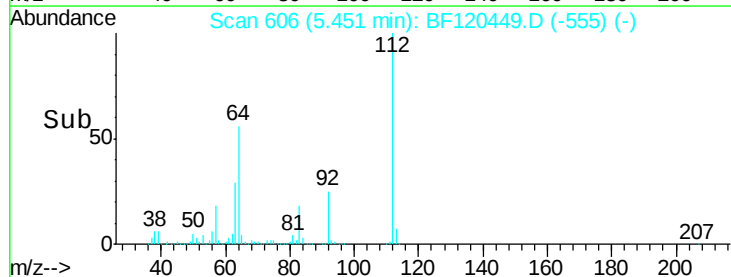
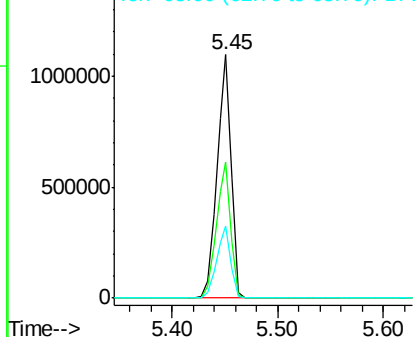
#5

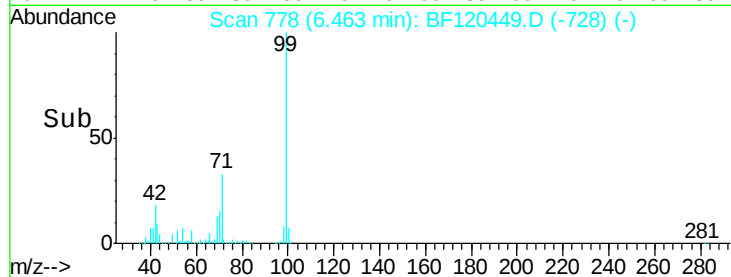
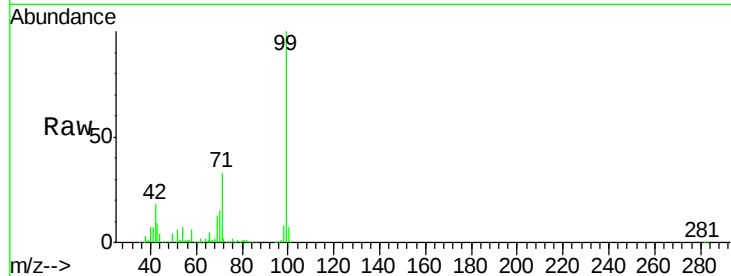
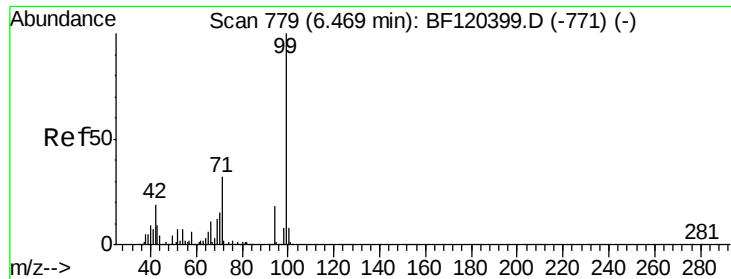
2-Fluorophenol
Concen: 71.085 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120449.D
Acq: 29 May 2020 19:50

Tgt Ion:112 Resp: 1041511
Ion Ratio Lower Upper
112 100
64 56.0 44.3 66.5
63 29.4 22.9 34.3



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: 75.261 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

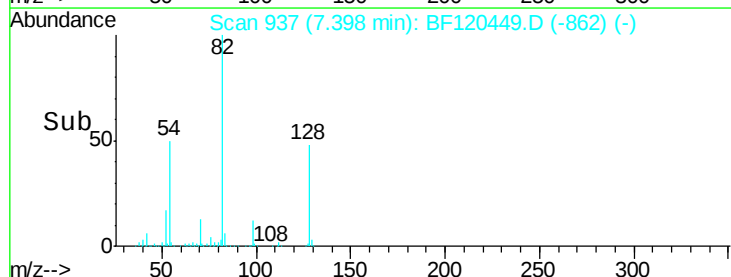
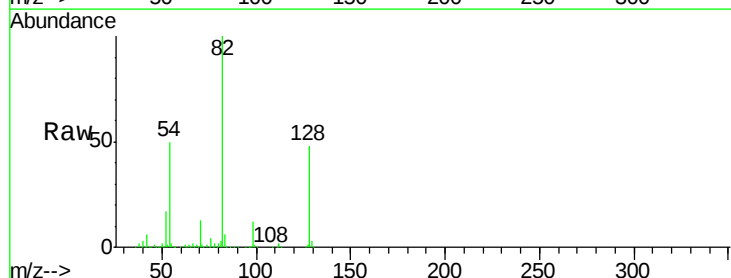
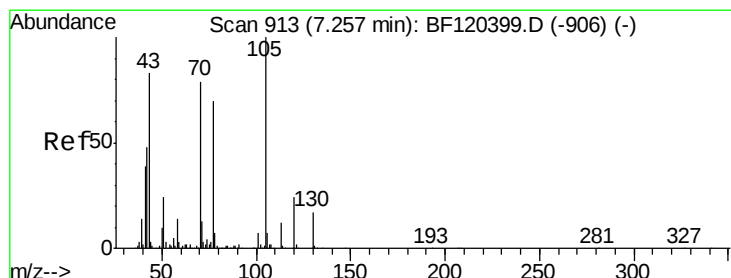
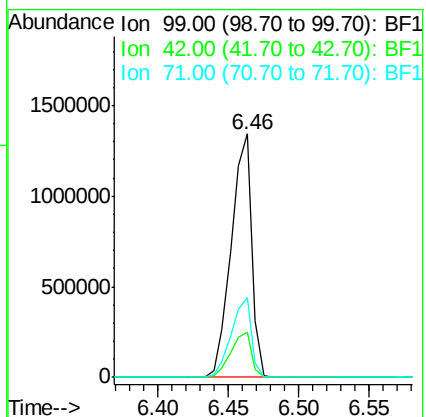
Tot Ion: 99 Resp: 1359161

Ion Ratio Lower Upper

99 100

42 18.5 15.2 22.8

71 32.5 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.896 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Tgt Ion: 70 Resp: 113598

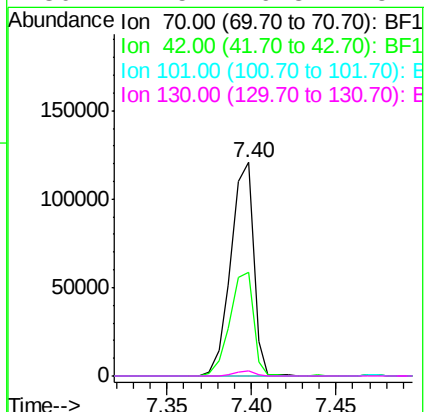
Ion Ratio Lower Upper

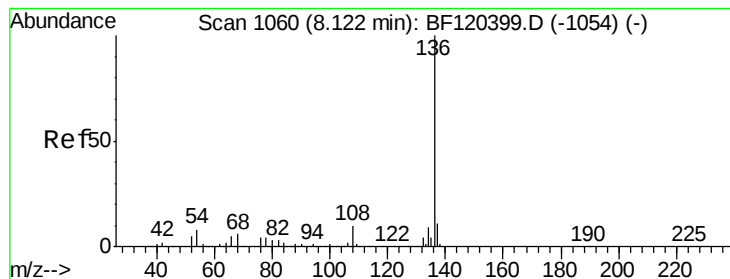
70 100

42 48.5 48.9 73.3#

101 0.0 7.4 11.2#

130 2.5 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1024762

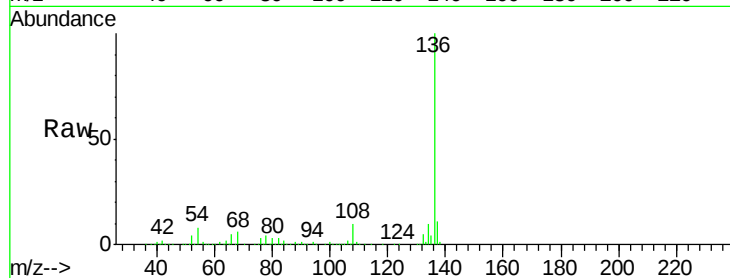
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.1 6.7 10.1

68 6.4 5.0 7.4

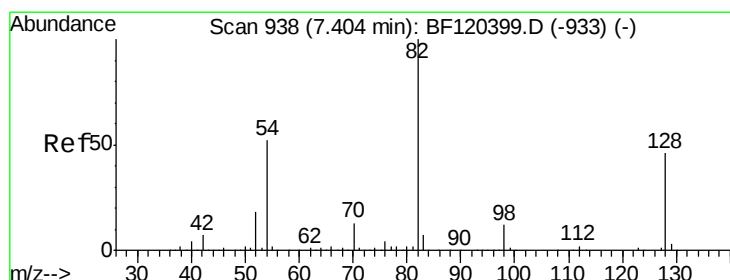
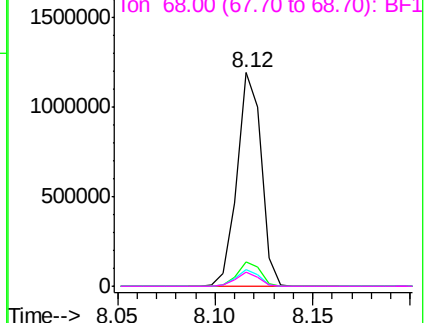
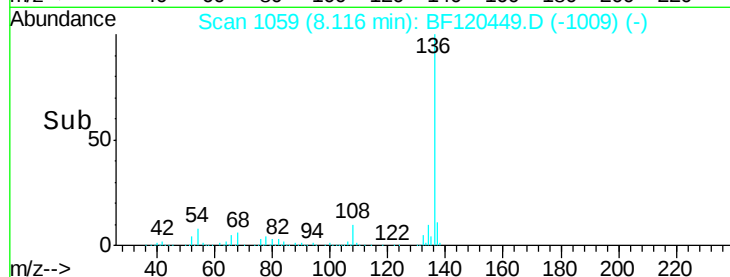


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.511 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

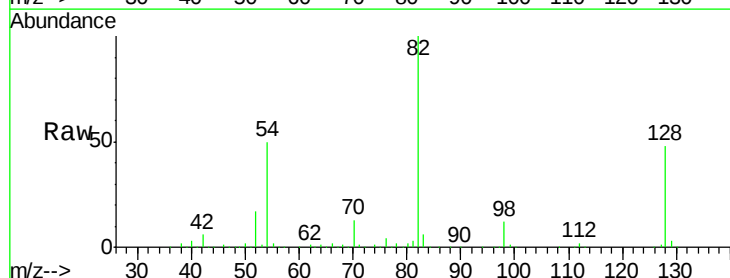
Tgt Ion: 82 Resp: 853968

Ion Ratio Lower Upper

82 100

128 48.2 36.8 55.2

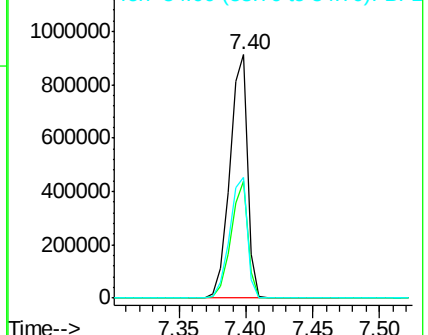
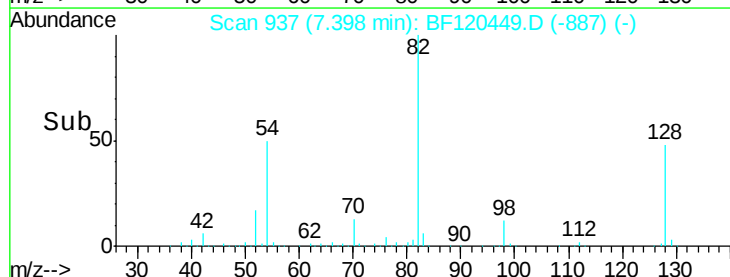
54 49.7 41.6 62.4



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: 27.050 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

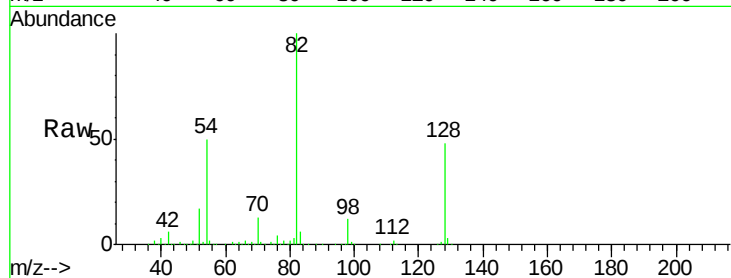
Tot Ion: 82 Resp: 851706

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

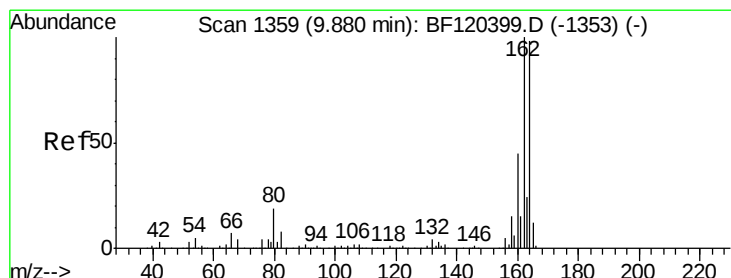
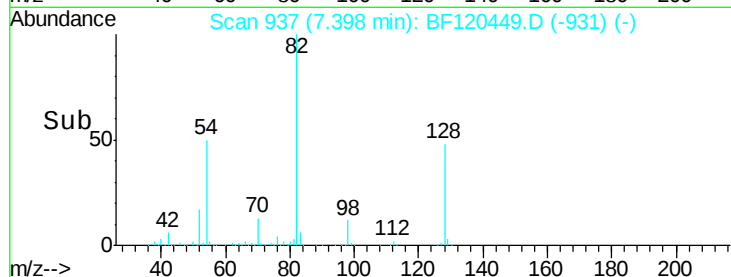
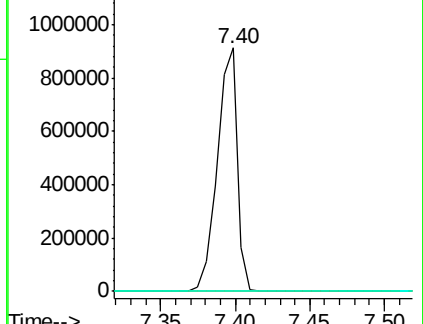
138 0.0 15.0 22.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

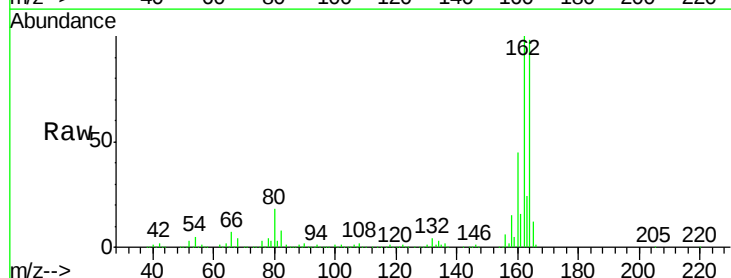
Tgt Ion: 164 Resp: 488968

Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

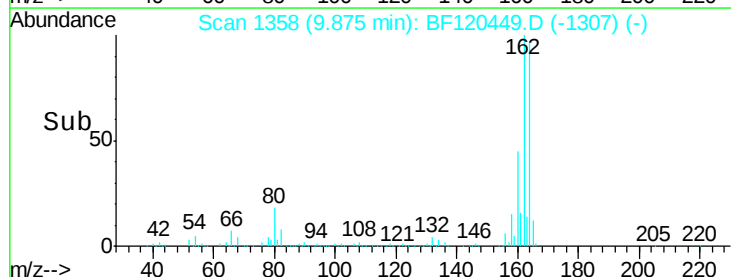
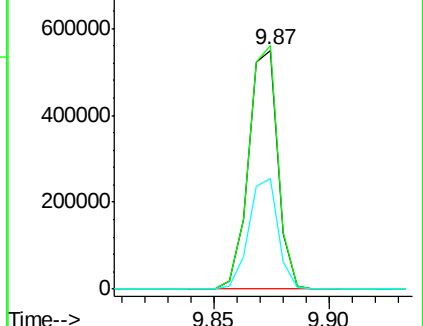
160 46.1 36.9 55.3



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

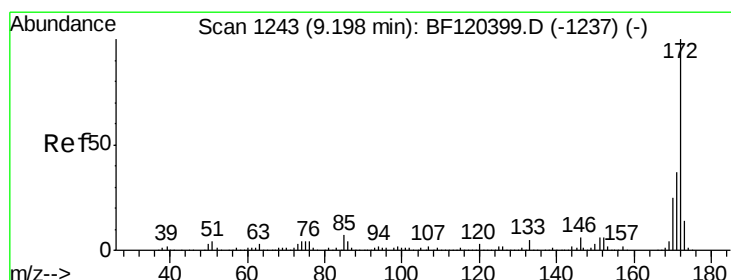
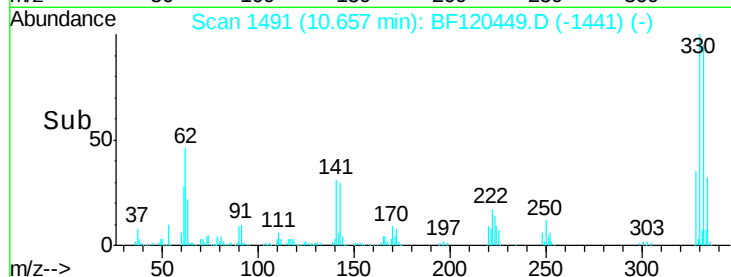
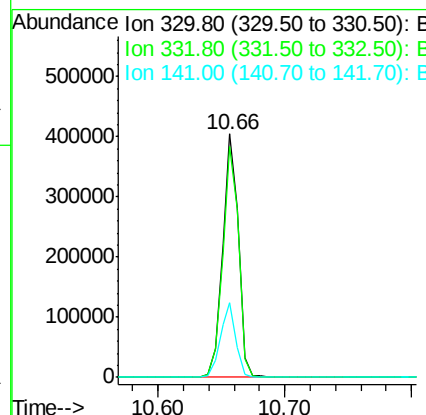
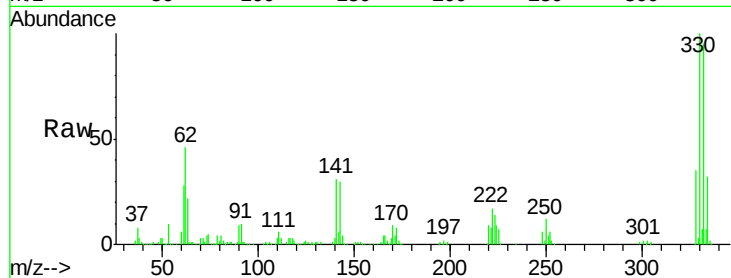




#42
 2,4,6-Tribromophenol
 Concen: 78.101 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120449.D
 Acq: 29 May 2020 19:50

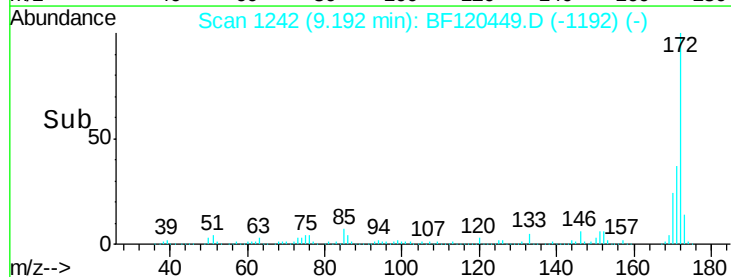
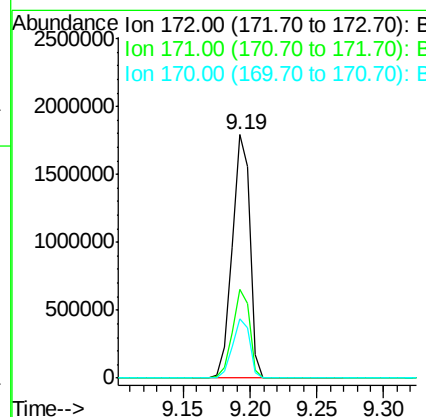
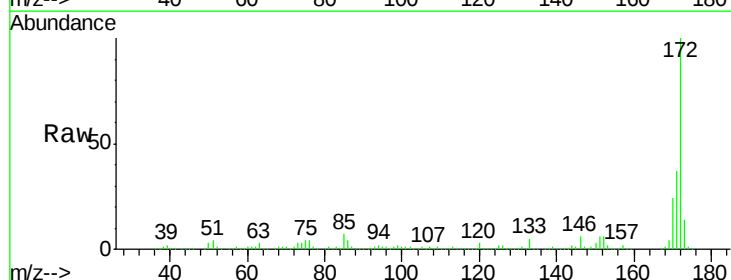
Instrument :
 BNA_F
 ClientSampled :

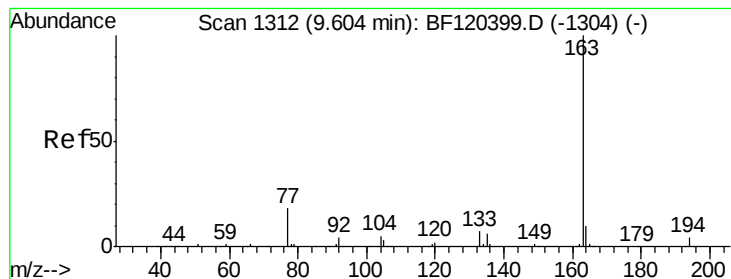
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.1	25.3	37.9



#45
 2-Fluorobiphenyl
 Concen: 58.274 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120449.D
 Acq: 29 May 2020 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.9	29.9





#50

Dimethylphthalate

Concen: 11.342 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

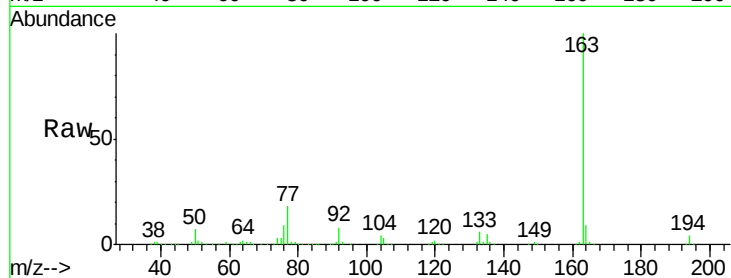
Tot Ion:163 Resp: 346716

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

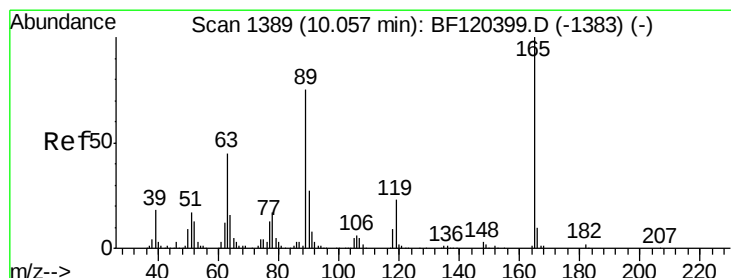
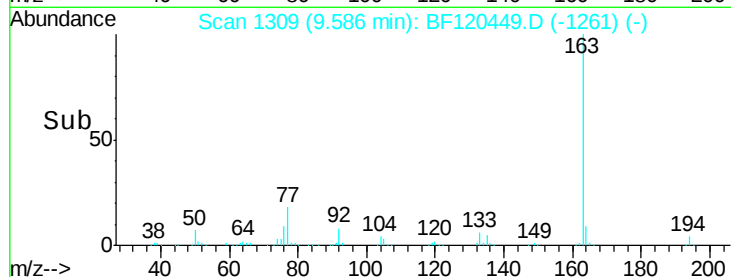
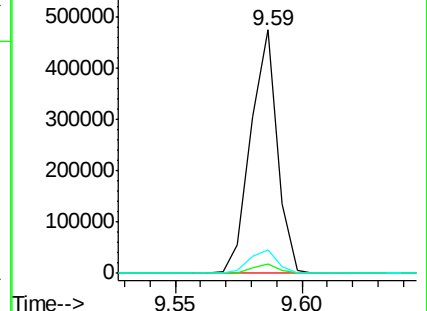
164 9.5 8.3 12.5



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: 7.332 ng

RT: 9.87 min Scan# 1358

Delta R.T. -0.19 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Tgt Ion:165 Resp: 63746

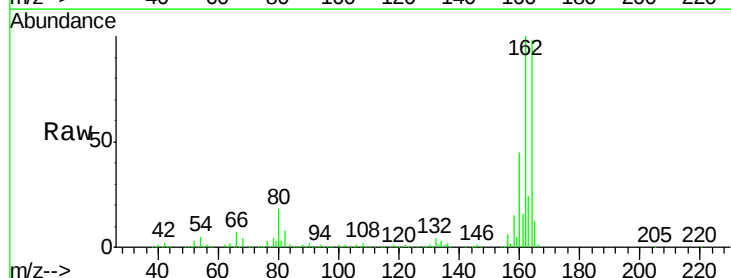
Ion Ratio Lower Upper

165 100

63 1.1 35.9 53.9#

89 1.4 60.0 90.0#

182 0.0 2.0 3.0#

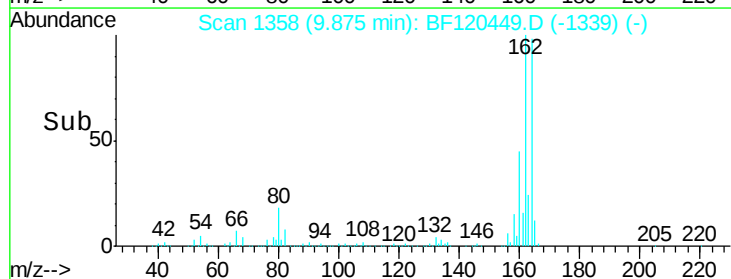
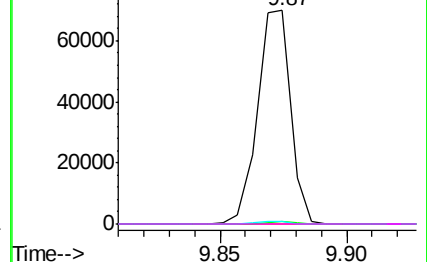


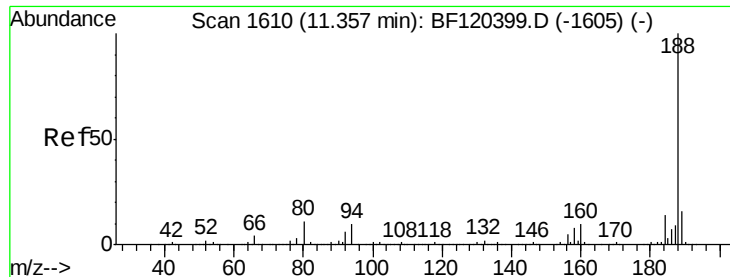
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

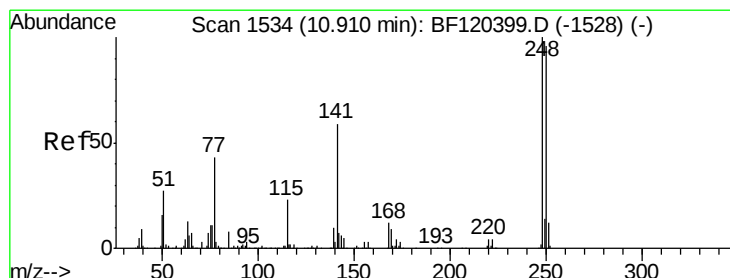
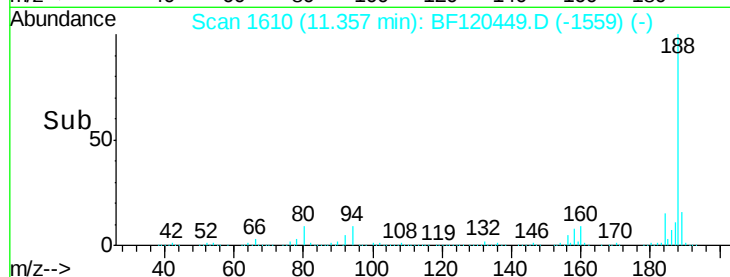
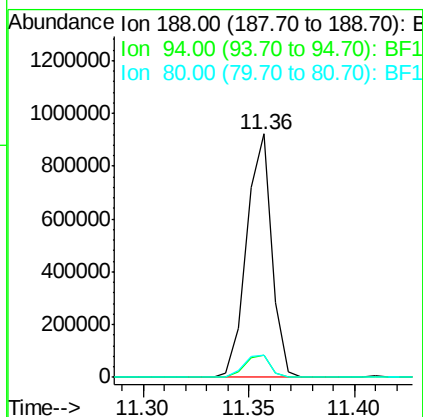
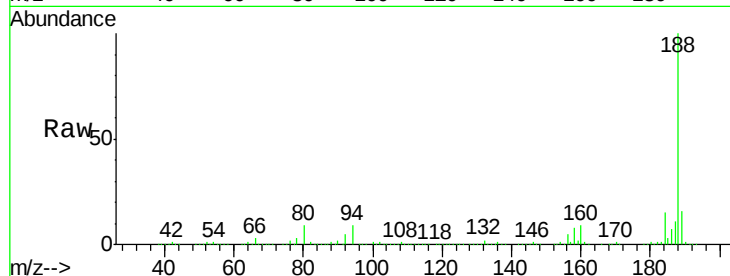




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120449.D
 Acq: 29 May 2020 19:50

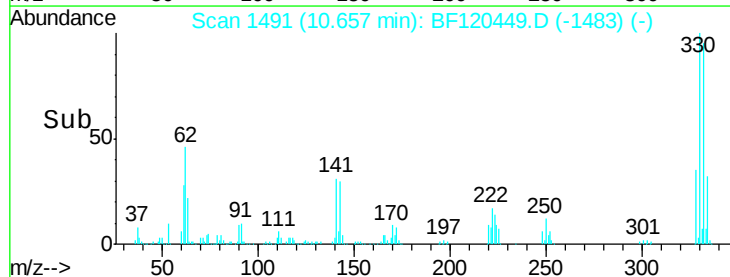
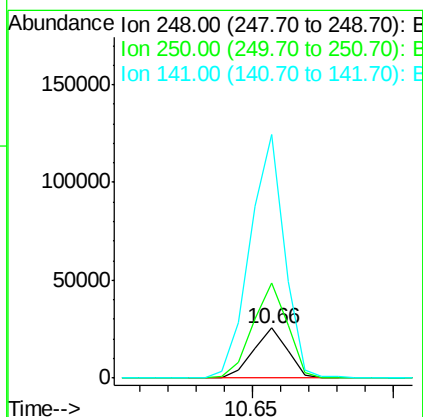
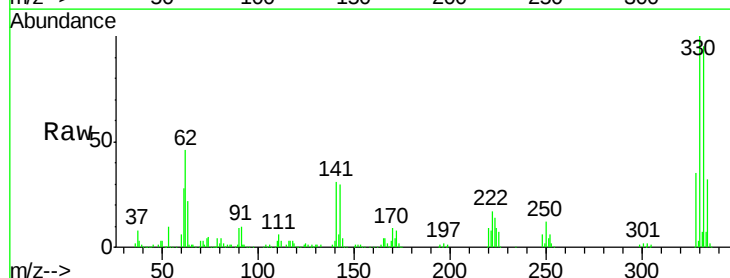
Instrument :
 BNA_F
 ClientSampleId :

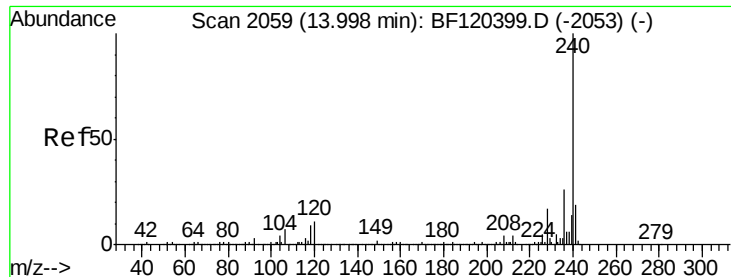
Tot Ion:188 Resp: 760081
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.9 11.9
 80 9.2 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 2.777 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.25 min
 Lab File: BF120449.D
 Acq: 29 May 2020 19:50

Tgt Ion:248 Resp: 21304
 Ion Ratio Lower Upper
 248 100
 250 189.9 76.5 114.7#
 141 486.0 47.2 70.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

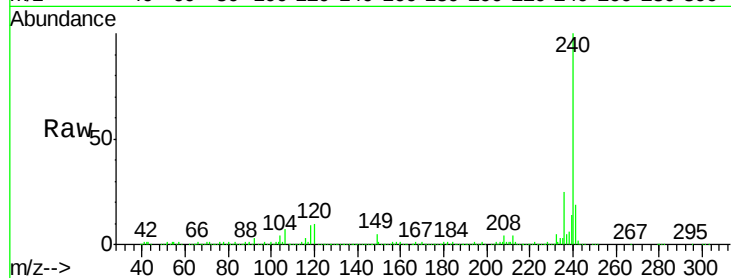
Tot Ion:240 Resp: 539422

Ion Ratio Lower Upper

240 100

120 10.3 8.8 13.2

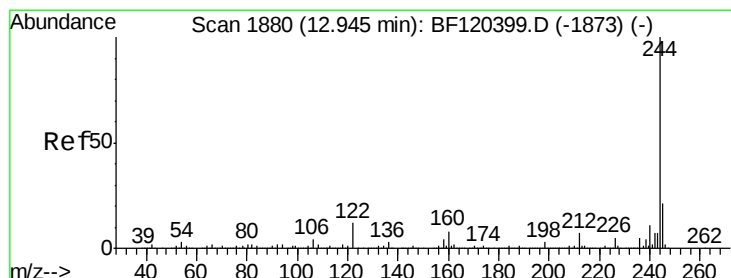
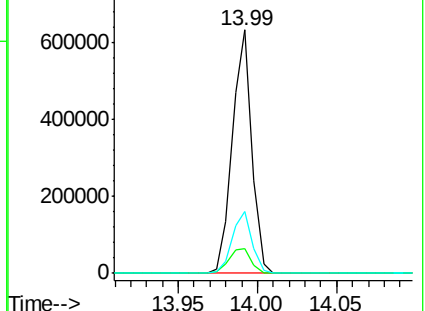
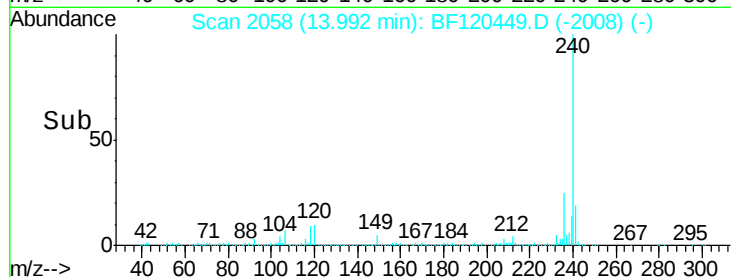
236 25.2 21.0 31.4



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: 58.659 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

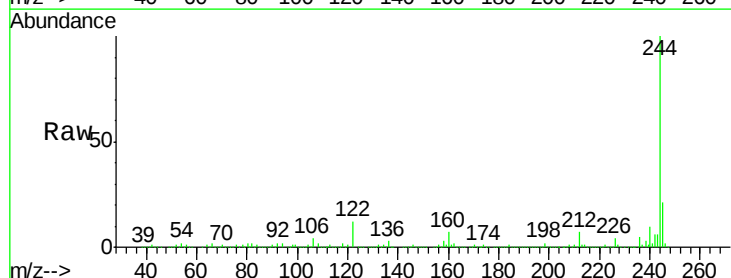
Tgt Ion:244 Resp: 1421960

Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

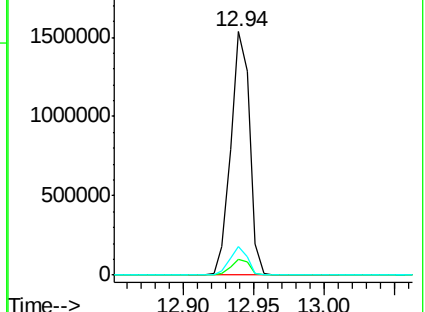
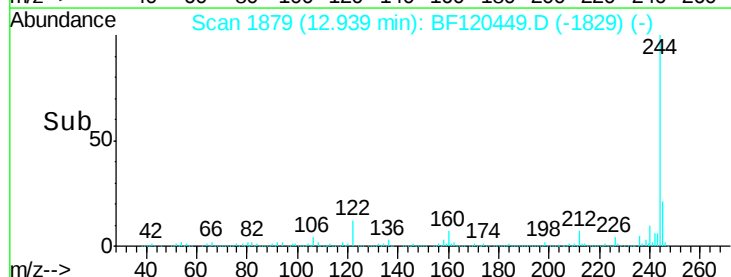
122 11.6 9.2 13.8

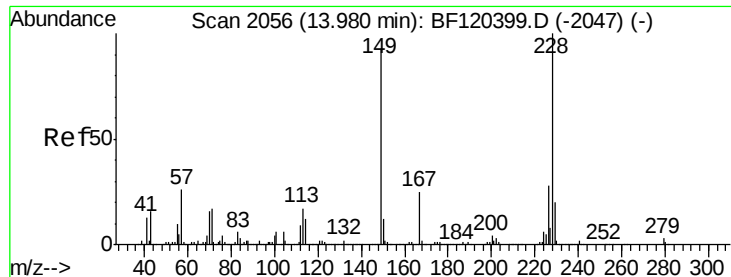


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 30.082 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

Instrument :

BNA_F

ClientSampleId :

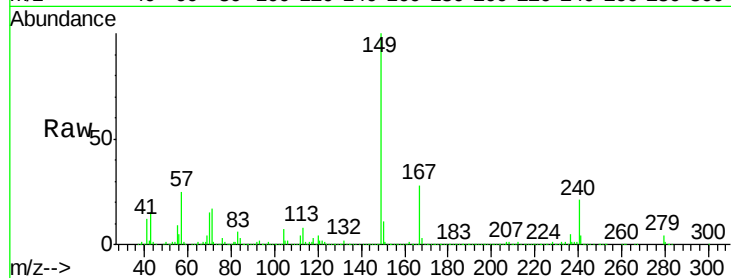
Tot Ion:149 Resp: 553032

Ion Ratio Lower Upper

149 100

167 28.3 21.7 32.5

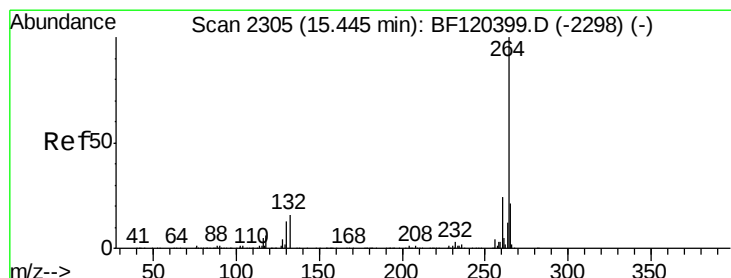
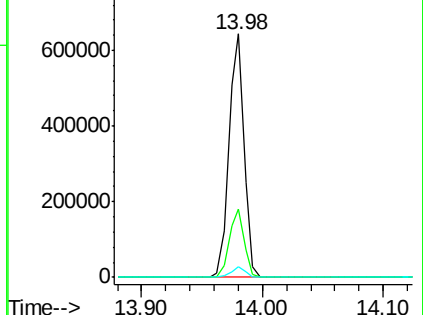
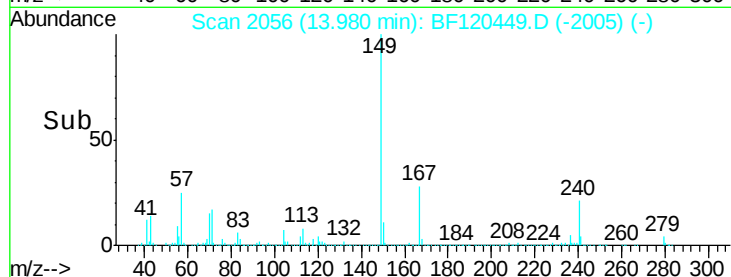
279 4.2 2.9 4.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120449.D

Acq: 29 May 2020 19:50

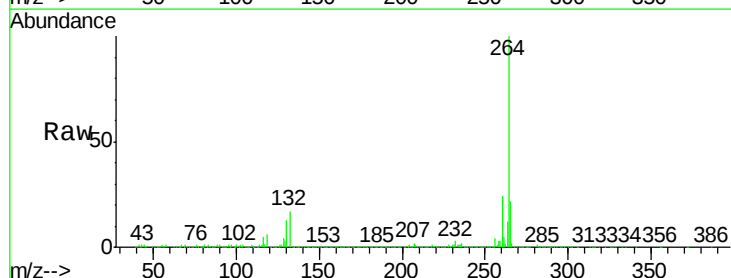
Tgt Ion:264 Resp: 587130

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

