

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110650.D
 Acq On : 10 Nov 2018 1:42
 Operator : JU/SJ
 Sample : J5862-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:26:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

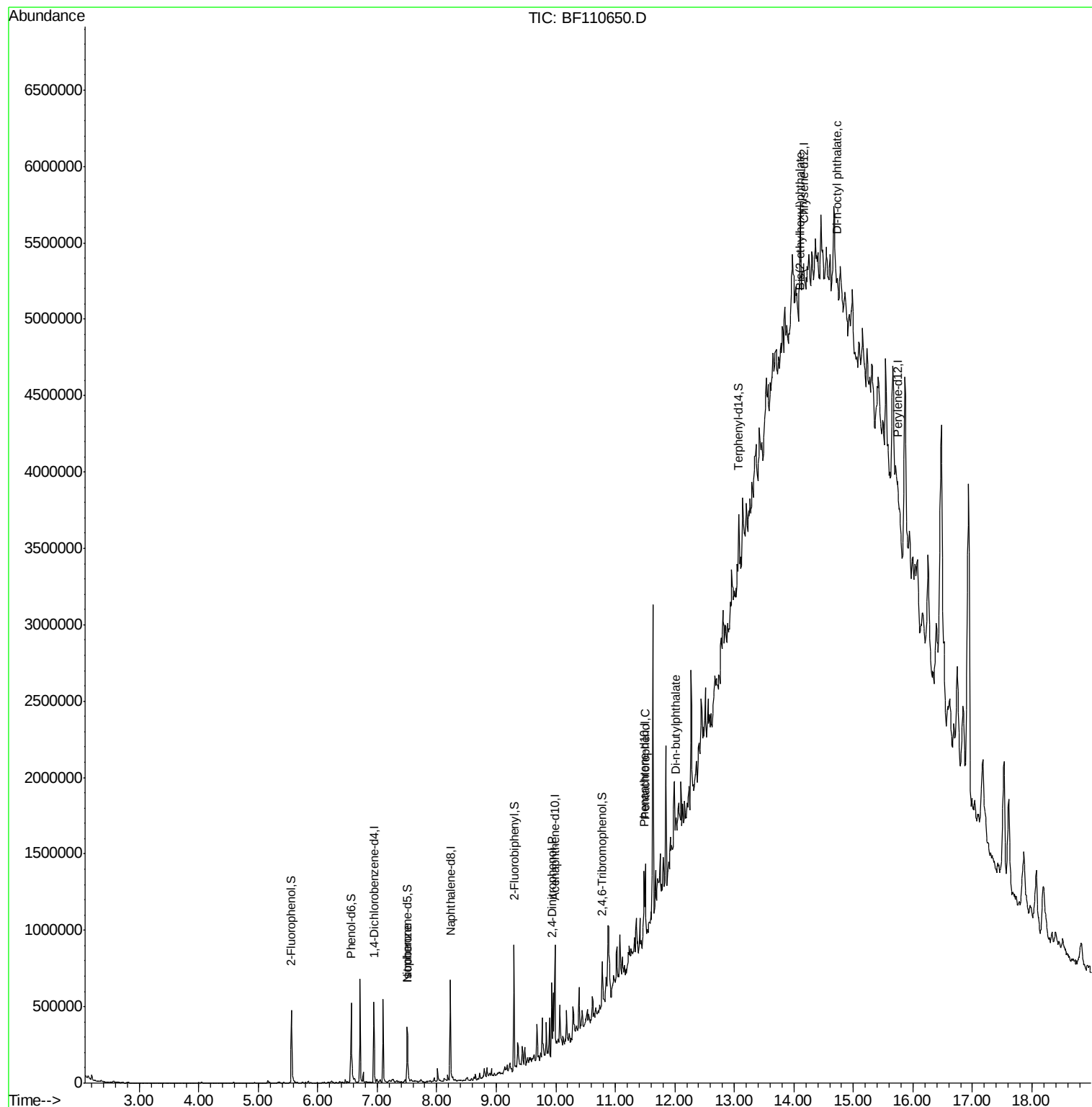
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74495	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	288884	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	112102	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	171406	20.00	ng	0.00
76) Chrysene-d12	14.17	240	88501	20.00	ng	0.03
87) Perylene-d12	15.74	264	70090	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	153659	33.50	ng	0.00
7) Phenol-d6	6.56	99	210017	35.81	ng	-0.01
23) Nitrobenzene-d5	7.50	82	126305	25.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	30594	27.08	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	229471	29.23	ng	0.00
79) Terphenyl-d14	13.07	244	150033	31.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	845	Below Cal		Qvalue # 1
25) Isophorone	7.50	82	126304	15.362	ng	# 67
54) 2,4-Dinitrophenol	9.93	184	131	4.870	ng	# 40
70) Pentachlorophenol	11.50	266	63344	59.438	ng	# 81
74) Di-n-butylphthalate	12.03	149	33805	3.240	ng	# 80
84) Bis(2-ethylhexyl)phthalate	14.11	149	349143	95.960	ng	# 91
85) Di-n-octyl phthalate	14.73	149	13497	2.523	ng	# 76

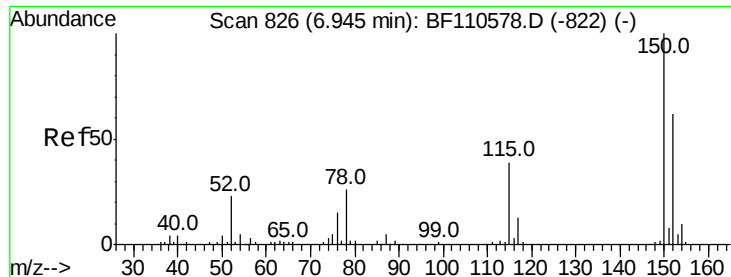
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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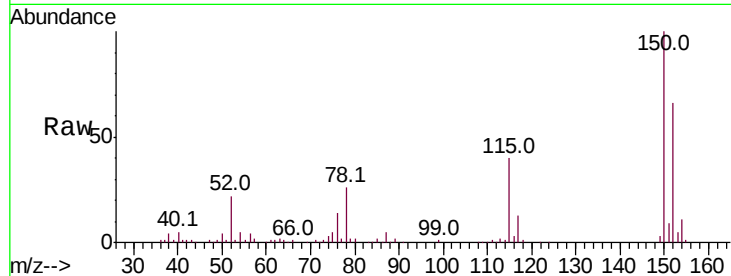


#1

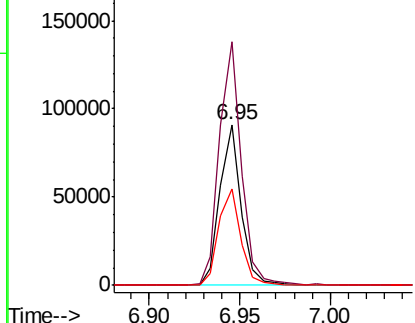
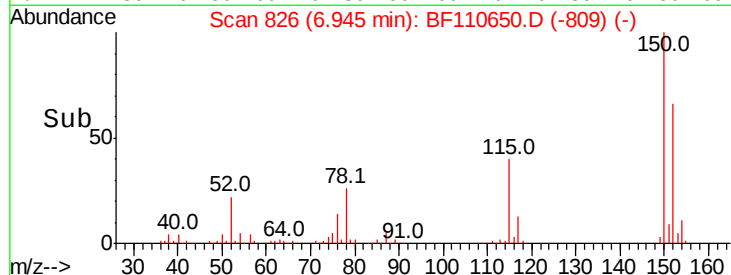
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74495
Ion Ratio Lower Upper
152 100
150 151.6 122.7 184.1
115 60.3 49.1 73.7



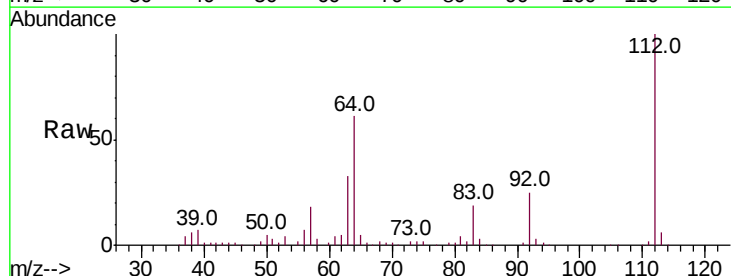
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



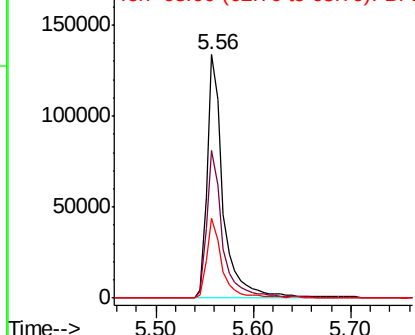
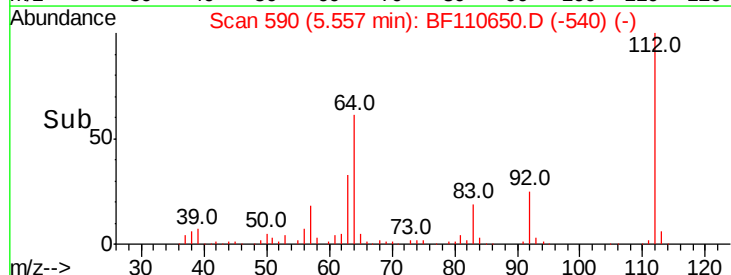
#5

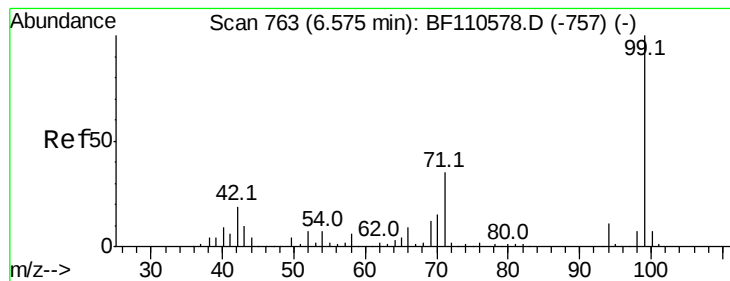
2-Fluorophenol
Concen: 33.504 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Tgt Ion:112 Resp: 153659
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.7 23.7 35.5



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





#7

Phenol-d6

Concen: 35.810 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

Instrument :

BNA_F

ClientSampled :

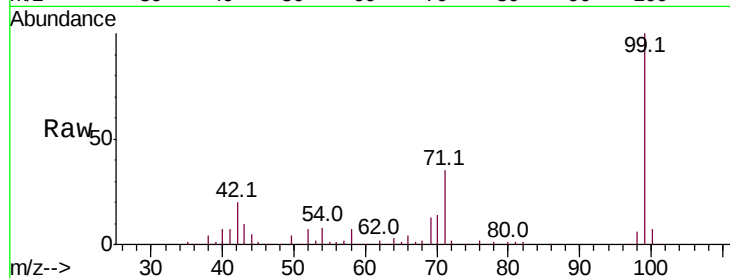
Tot Ion: 99 Resp: 210017

Ion Ratio Lower Upper

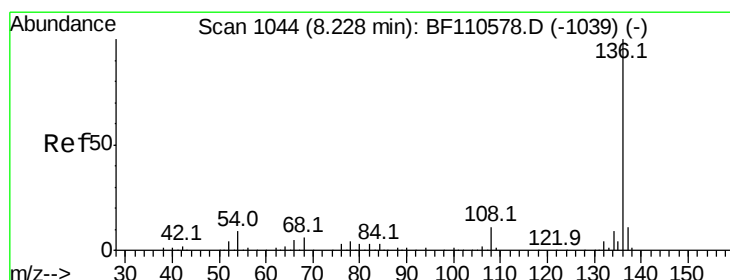
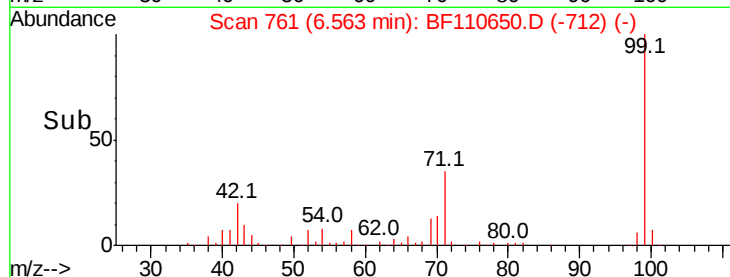
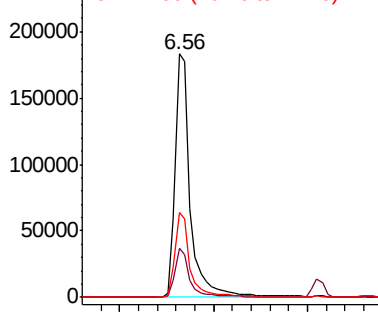
99 100

42 20.2 15.8 23.6

71 34.7 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

Tgt Ion: 136 Resp: 288884

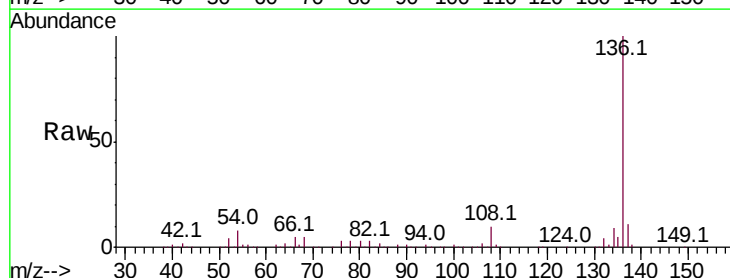
Ion Ratio Lower Upper

136 100

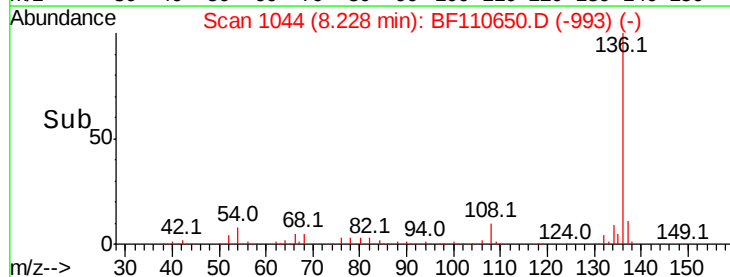
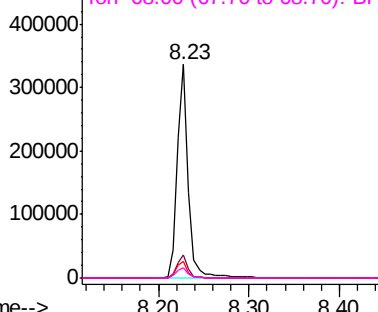
137 10.7 8.8 13.2

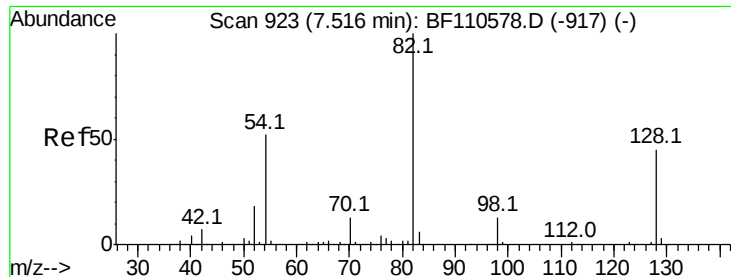
54 7.9 5.4 8.2

68 5.1 4.2 6.2



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

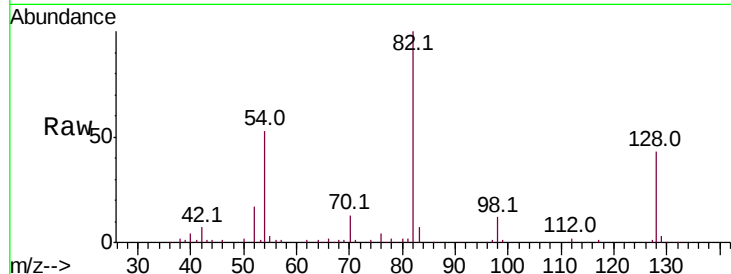




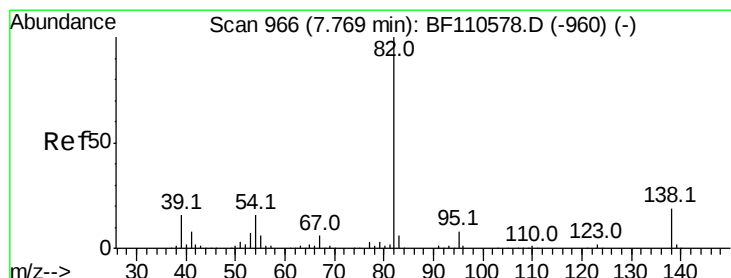
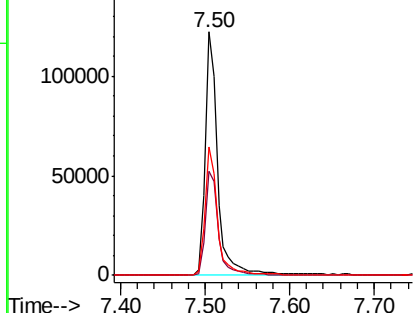
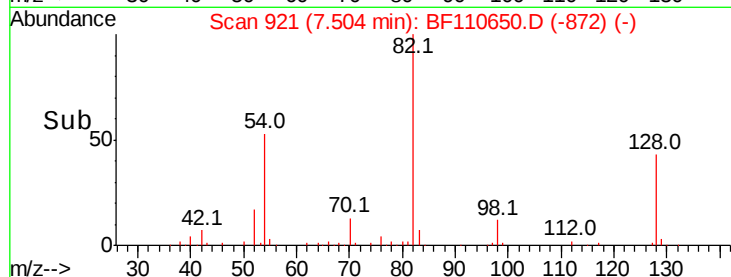
#23
 Nitrobenzene-d5
 Concen: 25.179 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110650.D
 Acq: 10 Nov 2018 1:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	126305
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.2	51.2
54	52.9	38.6	58.0

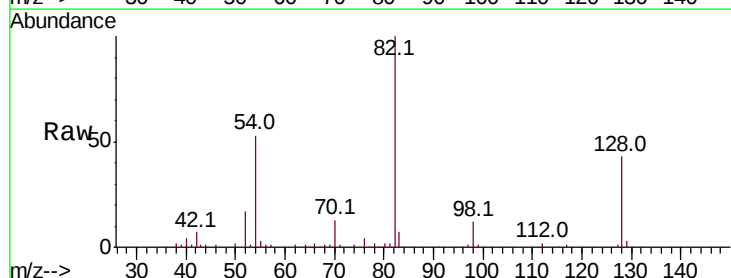


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

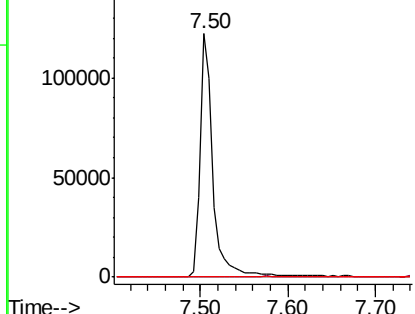
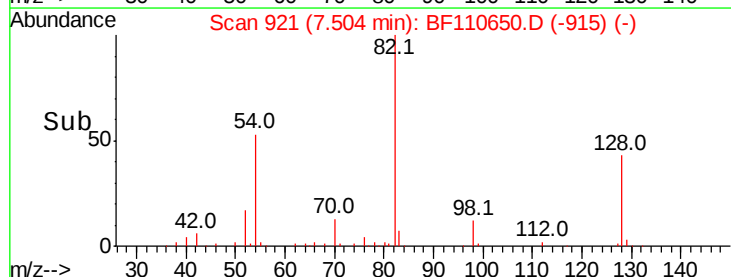


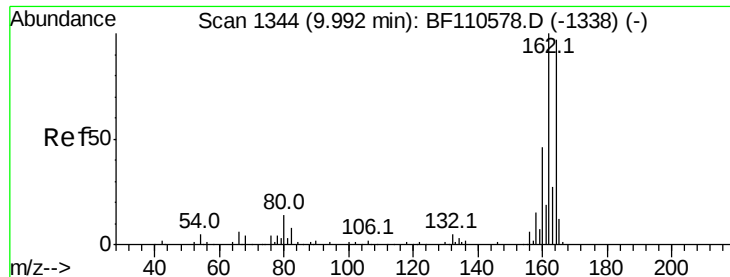
#25
 Isophorone
 Concen: 15.362 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110650.D
 Acq: 10 Nov 2018 1:42

Tgt Ion	82	Resp	126304
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

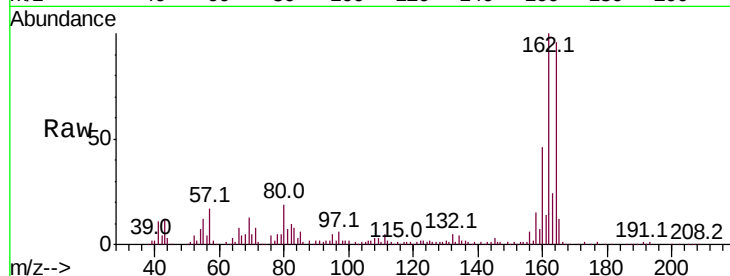




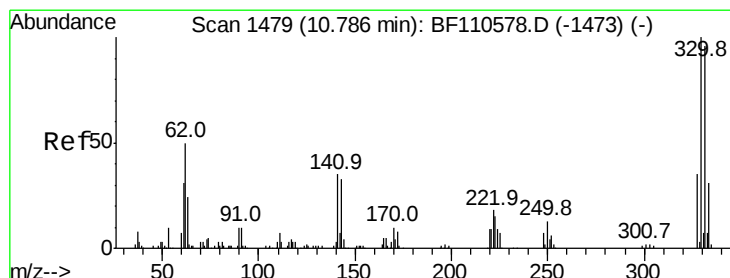
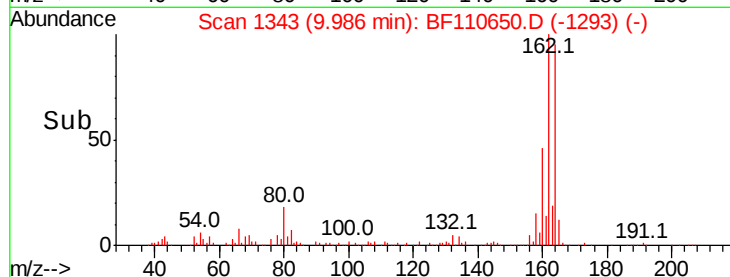
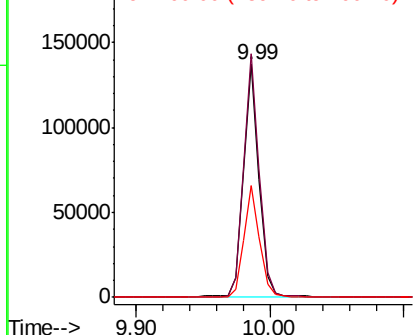
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 112102
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 47.8 37.0 55.6

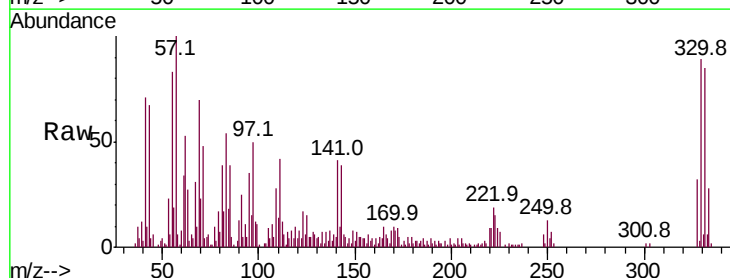


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

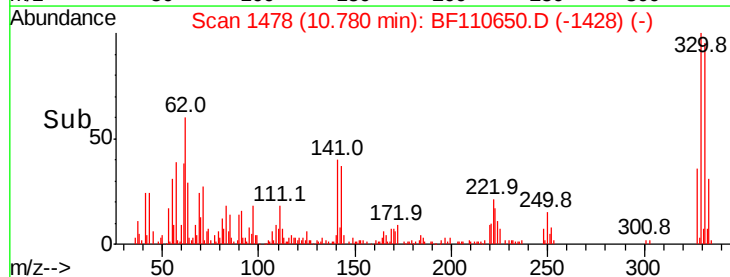
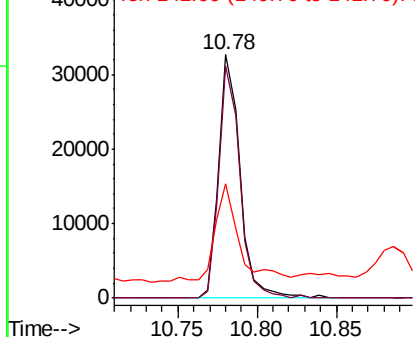


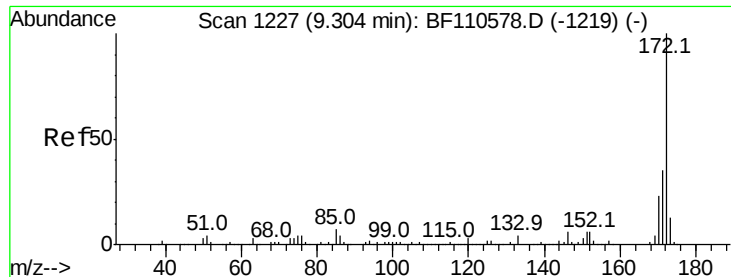
#42
2,4,6-Tribromophenol
Concen: 27.085 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Tgt Ion:330 Resp: 30594
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 45.2 27.0 40.4#



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

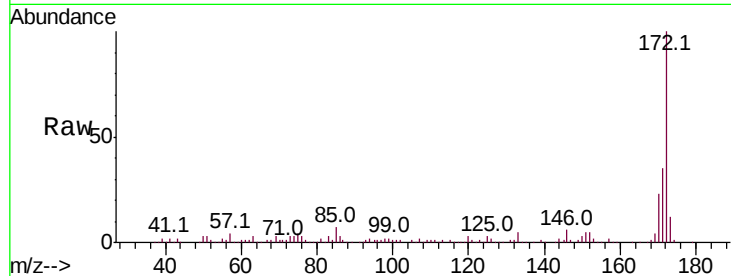




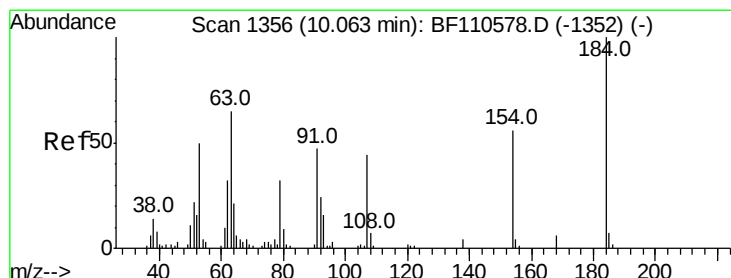
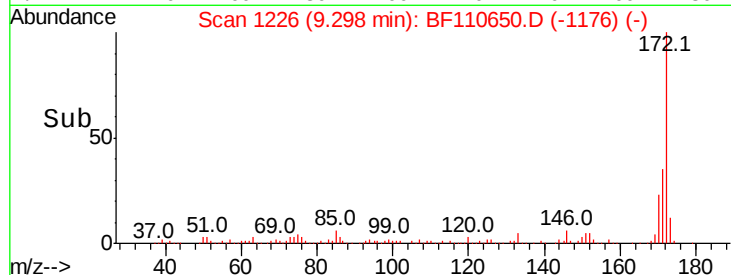
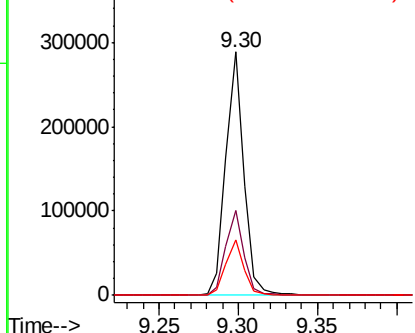
#45
2-Fluorobiphenyl
Concen: 29.235 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	43.0
170	22.7	19.7	29.5

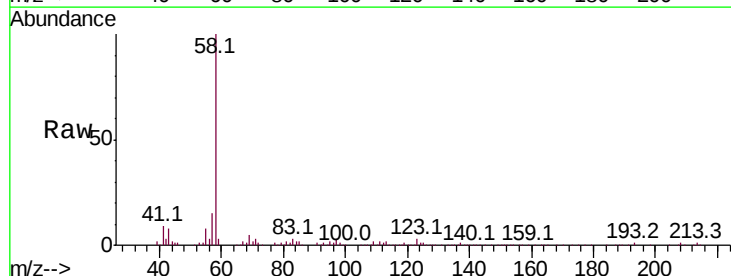


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

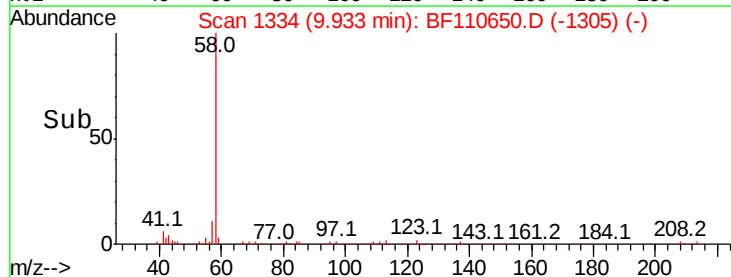
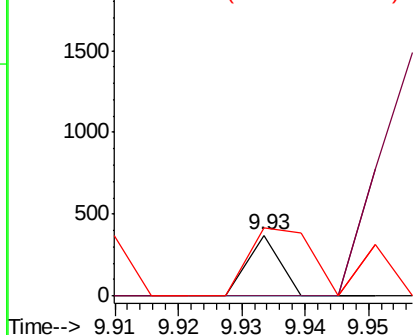


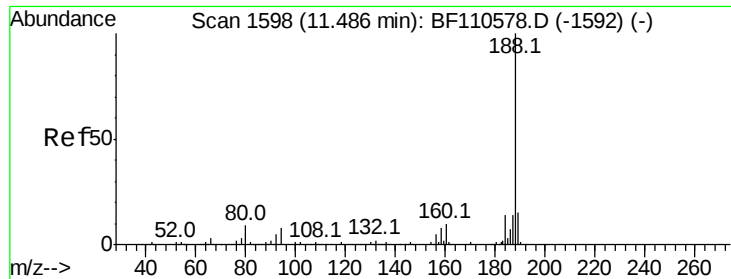
#54
2,4-Dinitrophenol
Concen: 4.870 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.13 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	55.8	83.6#
154	111.6	63.2	94.8#



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

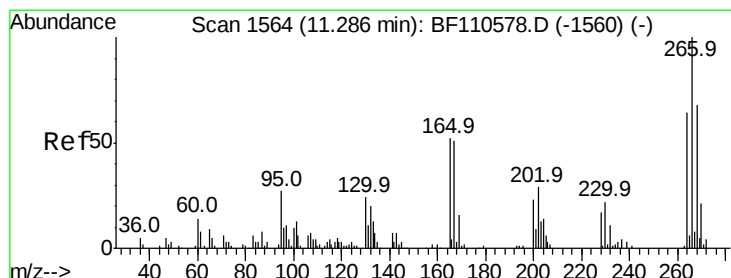
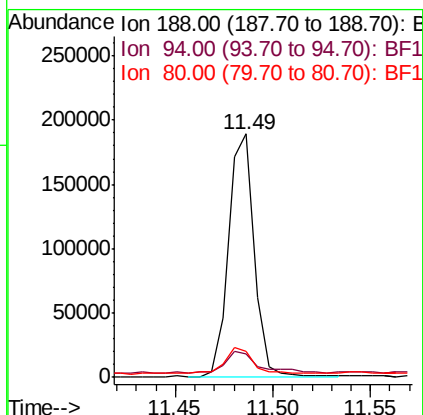
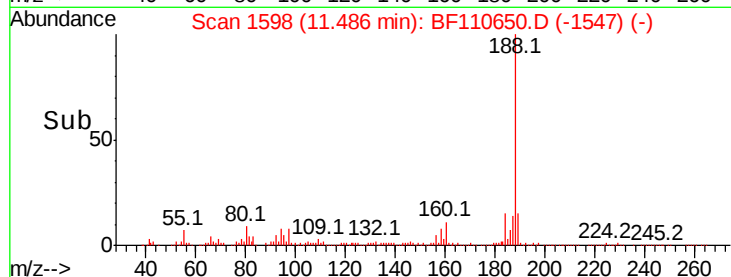
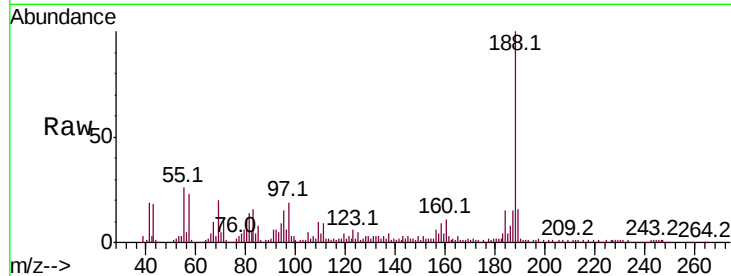




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

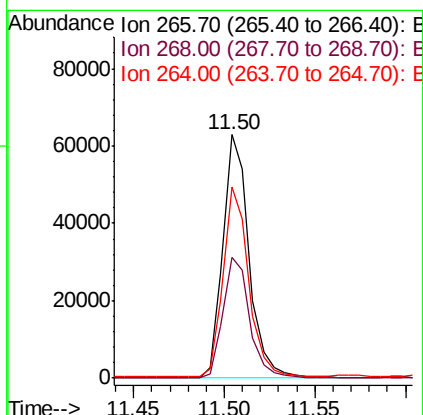
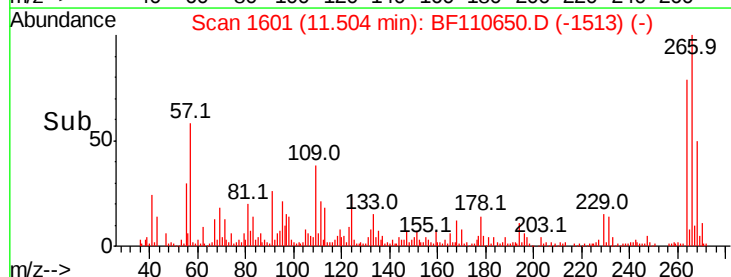
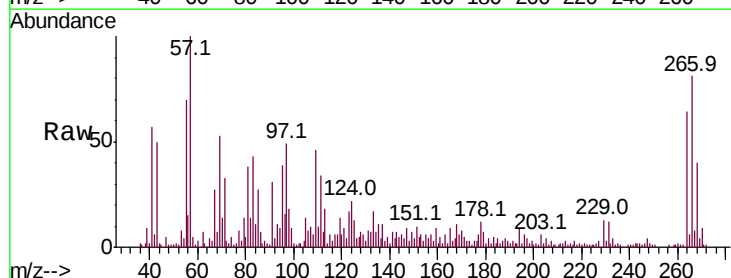
Instrument :
BNA_F
ClientSampled :

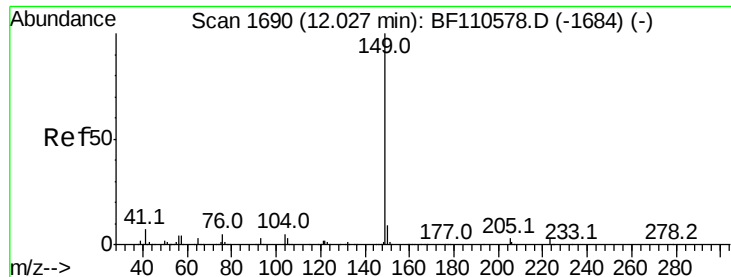
Tot Ion:188 Resp: 171406
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 10.6 7.9 11.9



#70
Pentachlorophenol
Concen: 59.438 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.22 min
Lab File: BF110650.D
Acq: 10 Nov 2018 1:42

Tgt Ion:266 Resp: 63344
Ion Ratio Lower Upper
266 100
268 49.6 50.6 75.8#
264 78.6 50.6 75.8#





#74

Di-n-butylphthalate

Concen: 3.240 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

Instrument :

BNA_F

ClientSampleId :

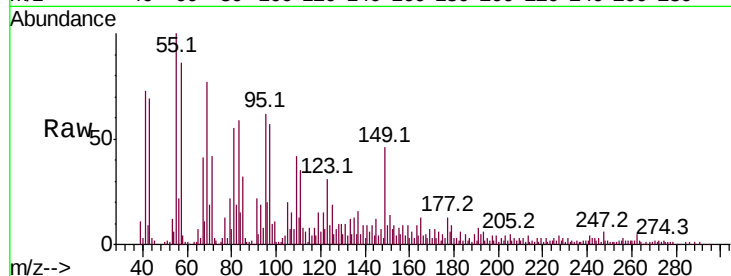
Tot Ion:149 Resp: 33805

Ion Ratio Lower Upper

149 100

150 19.1 7.7 11.5#

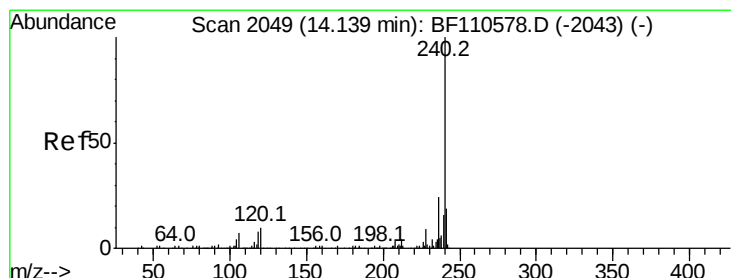
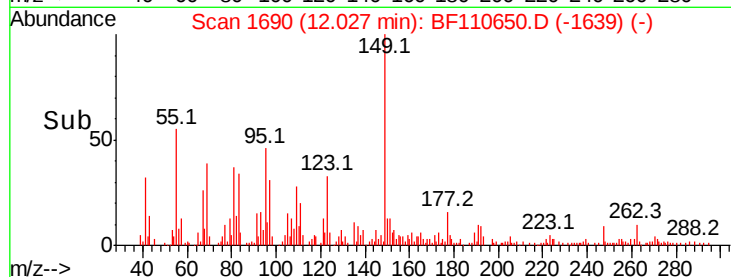
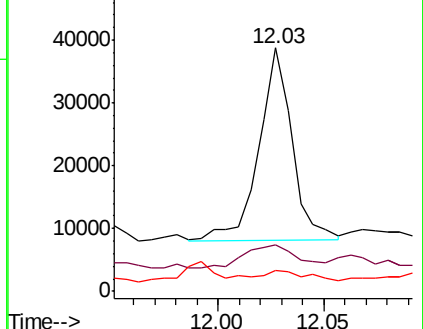
104 8.8 4.2 6.4#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.03 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

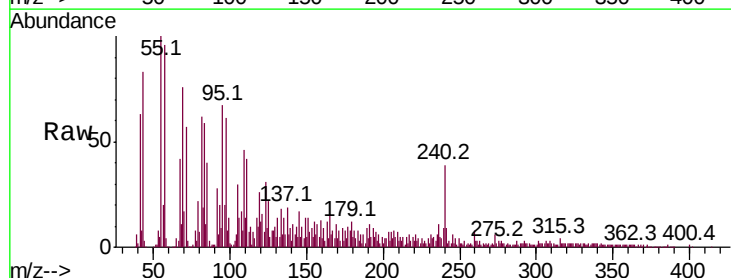
Tgt Ion:240 Resp: 88501

Ion Ratio Lower Upper

240 100

120 30.4 8.3 12.5#

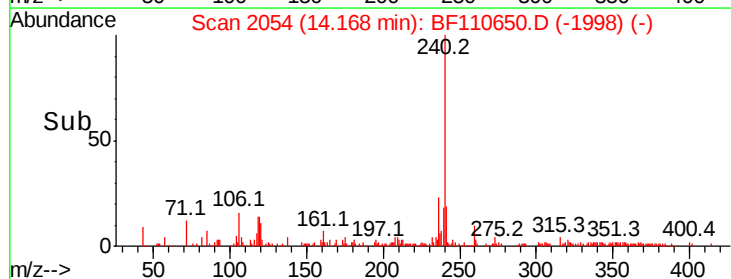
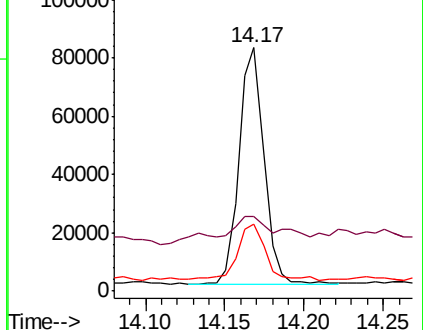
236 27.6 21.2 31.8

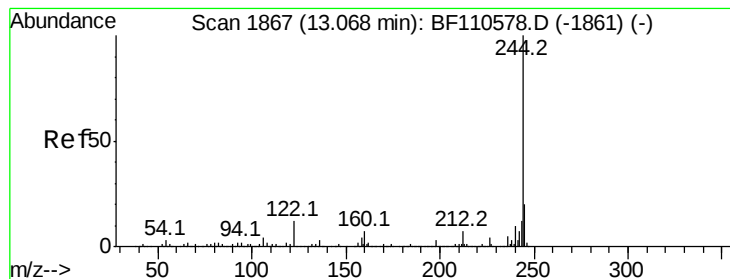


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 31.748 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

Instrument :

BNA_F

ClientSampled :

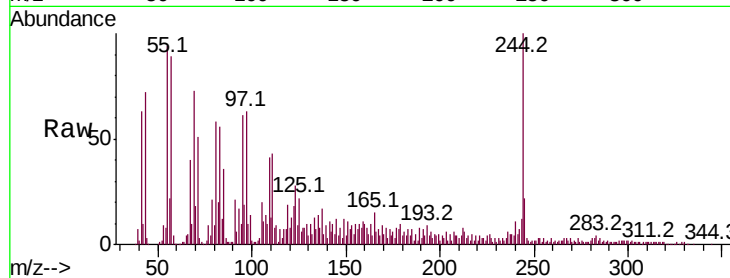
Tot Ion:244 Resp: 150033

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

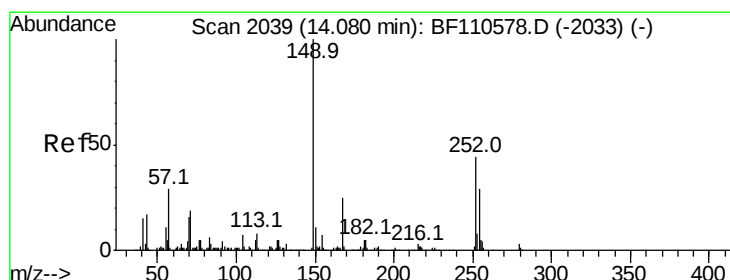
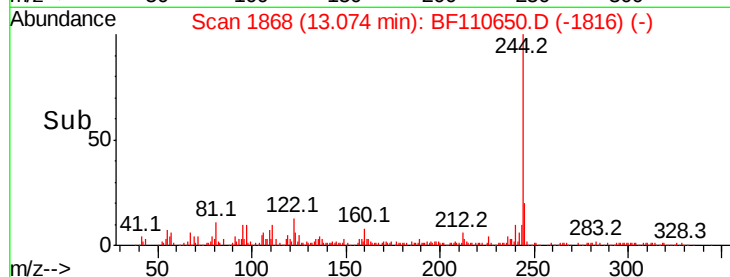
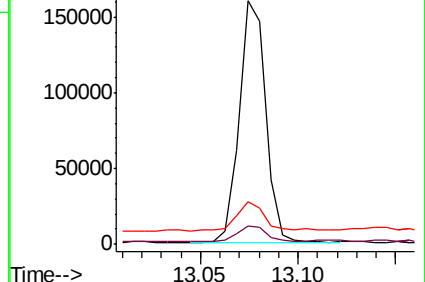
122 17.8 8.7 13.1#



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: 95.960 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.03 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

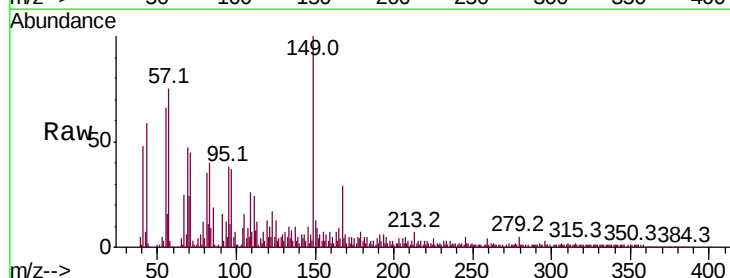
Tgt Ion:149 Resp: 349143

Ion Ratio Lower Upper

149 100

167 29.4 19.8 29.8

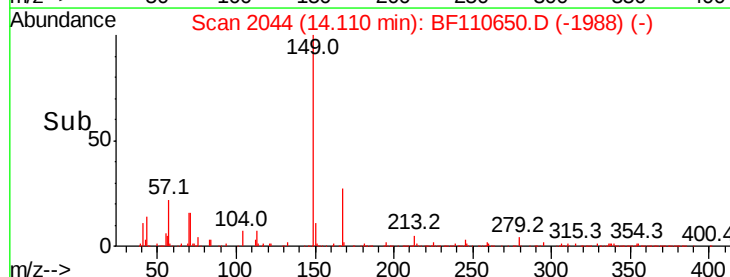
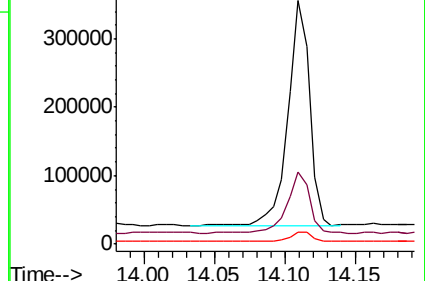
279 4.7 2.7 4.1#

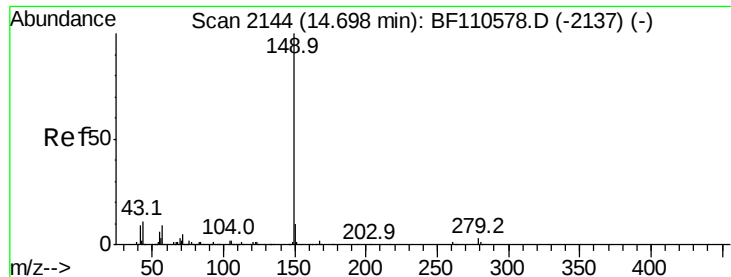


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 2.523 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.04 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

Instrument :

BNA_F

ClientSampleId :

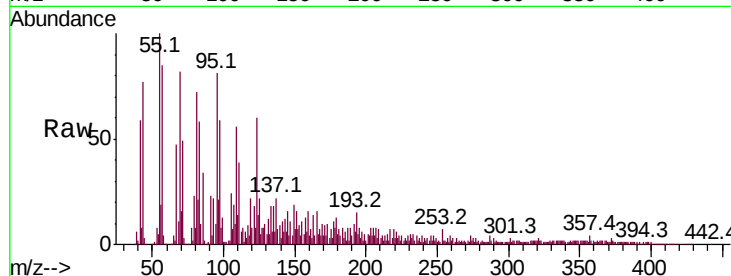
Tot Ion:149 Resp: 13497

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

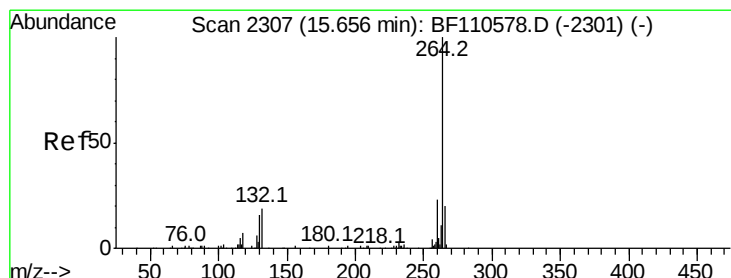
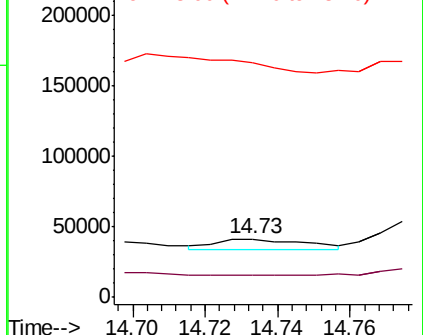
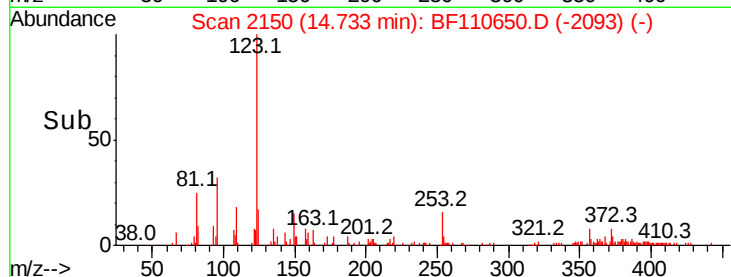
43 0.0 7.8 11.8#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2322

Delta R.T. 0.09 min

Lab File: BF110650.D

Acq: 10 Nov 2018 1:42

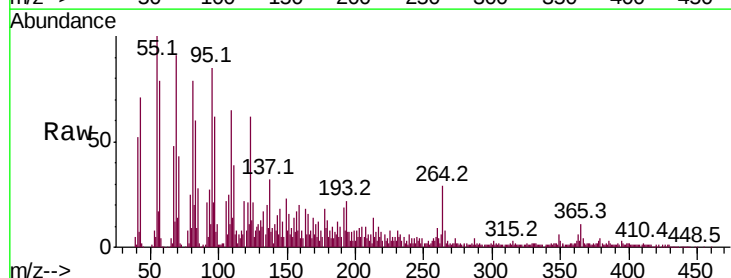
Tgt Ion:264 Resp: 70090

Ion Ratio Lower Upper

264 100

260 29.8 18.7 28.1#

265 28.8 16.7 25.1#



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

