

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111001.D
 Acq On : 27 Nov 2018 11:20
 Operator : JU/SJ
 Sample : J6055-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 12:56:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

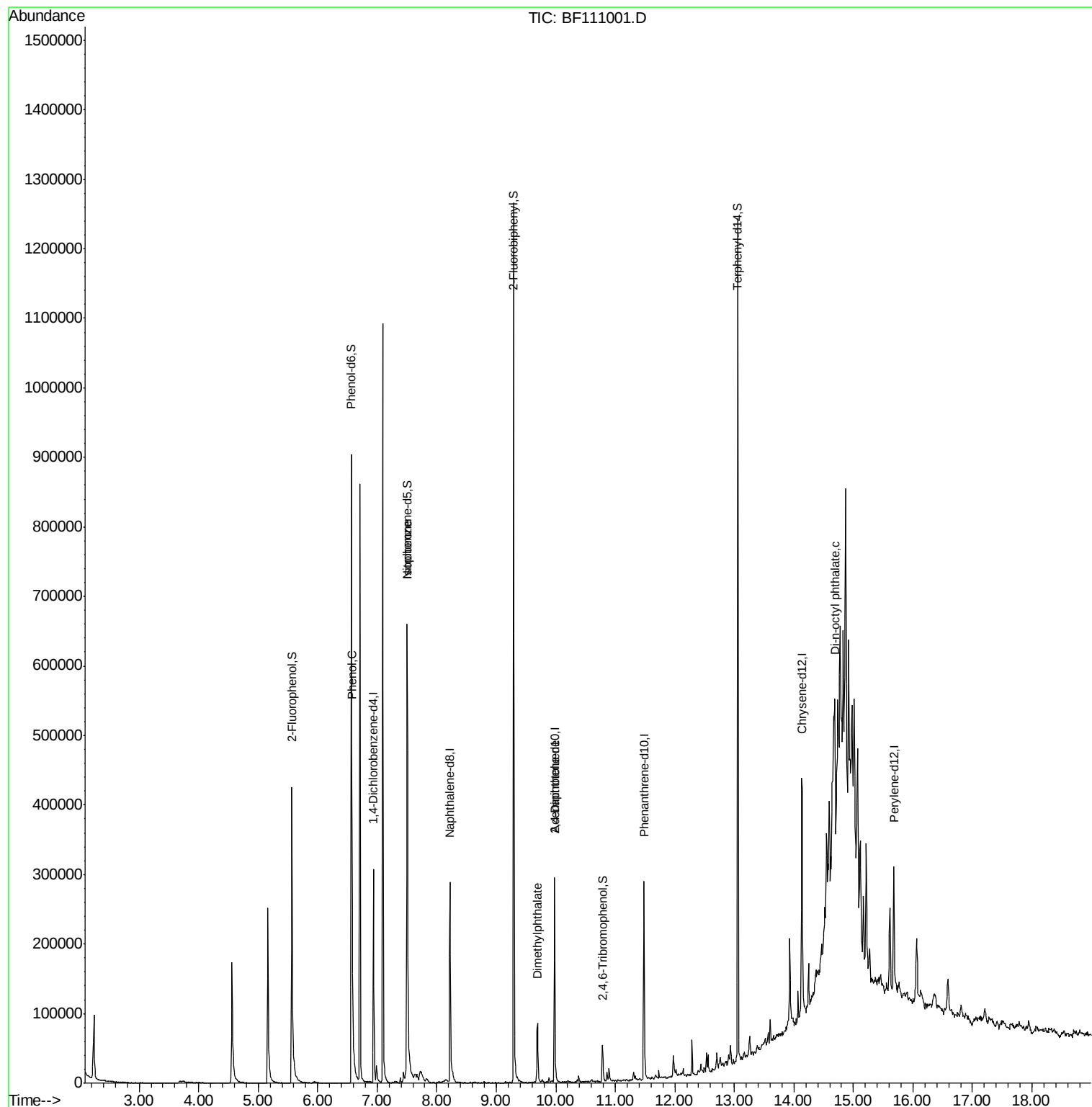
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49085	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	168756	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	63098	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	118948	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125012	20.00	ng	0.00
87) Perylene-d12	15.68	264	89181	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	161574	54.59	ng	0.01
7) Phenol-d6	6.57	99	350222	90.79	ng	0.00
23) Nitrobenzene-d5	7.50	82	247021	83.77	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	8858	14.14	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	402257	92.36	ng	0.00
79) Terphenyl-d14	13.06	244	411497	64.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	456	Below Cal		Qvalue
10) Phenol	6.58	94	21103	4.858	ng	# 1
25) Isophorone	7.50	82	247021	51.070	ng	# 67
50) Dimethylphthalate	9.69	163	47017	10.160	ng	# 98
57) 2,4-Dinitrotoluene	9.98	165	8019	6.000	ng	# 17
85) Di-n-octyl phthalate	14.69	149	178429	20.579	ng	# 48

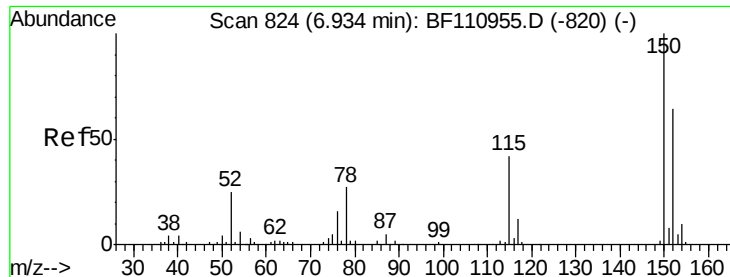
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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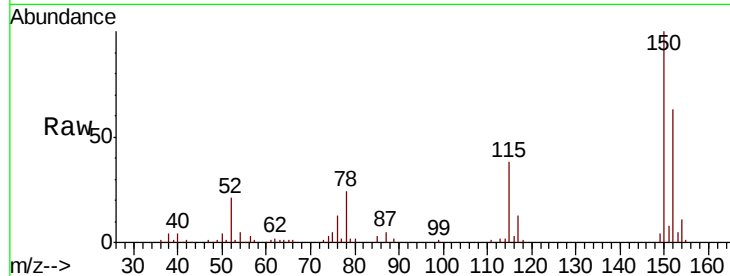


#1

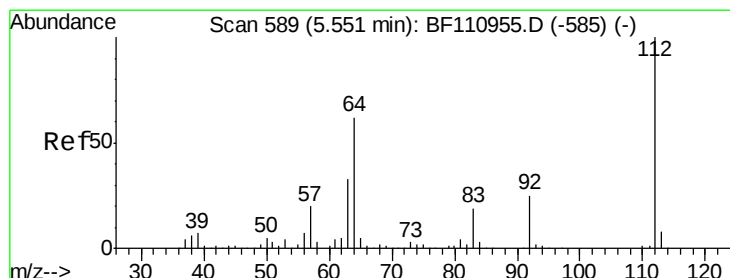
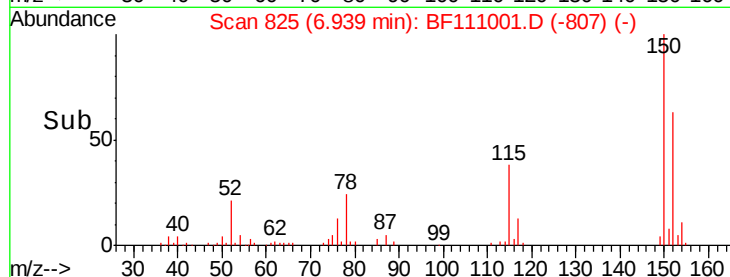
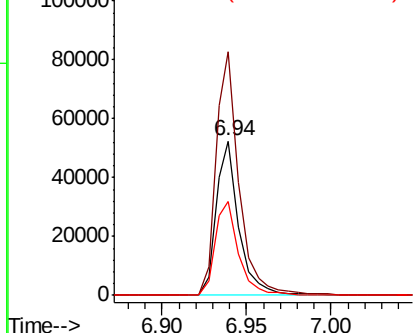
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 49085
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 60.6 49.1 73.7



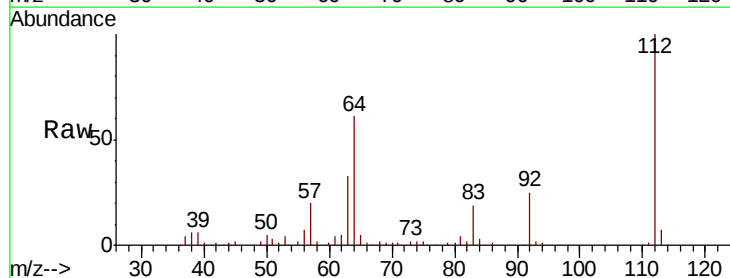
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



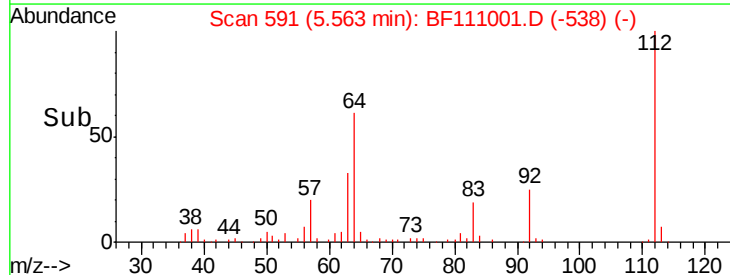
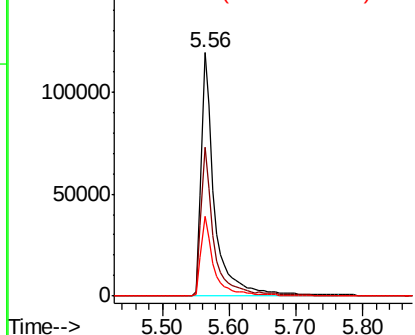
#5

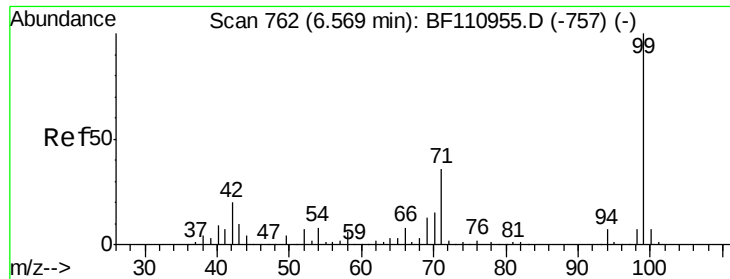
2-Fluorophenol
Concen: 54.587 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

Tgt Ion:112 Resp: 161574
Ion Ratio Lower Upper
112 100
64 61.4 44.1 66.1
63 32.9 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: 90.795 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

Instrument :

BNA_F

ClientSampleId :

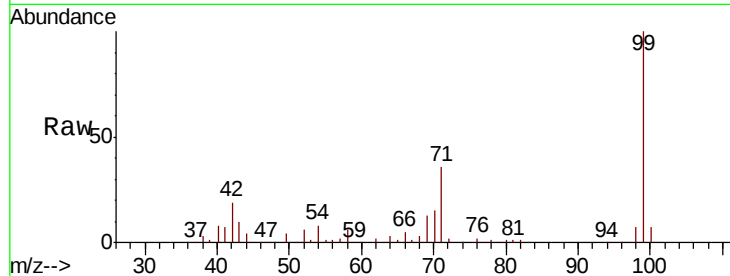
Tot Ion: 99 Resp: 350222

Ion Ratio Lower Upper

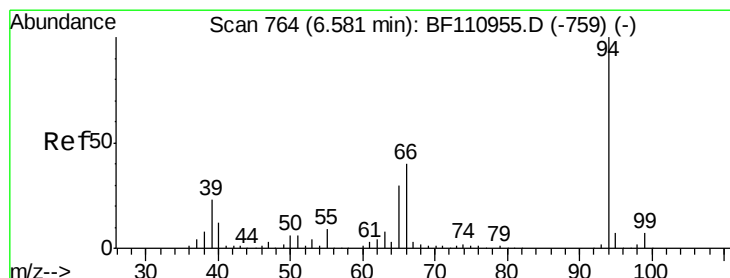
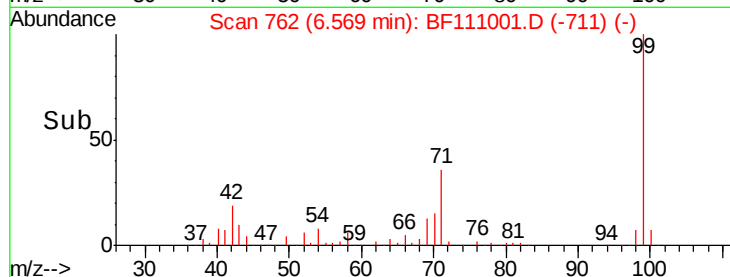
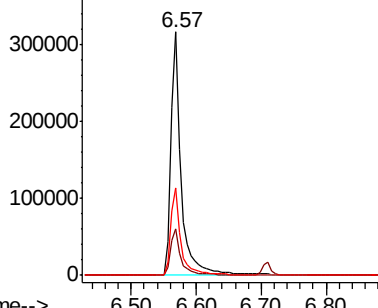
99 100

42 19.3 15.8 23.6

71 35.7 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



#10

Phenol

Concen: 4.858 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

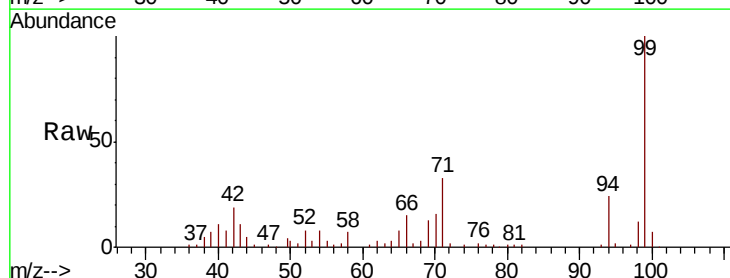
Tgt Ion: 94 Resp: 21103

Ion Ratio Lower Upper

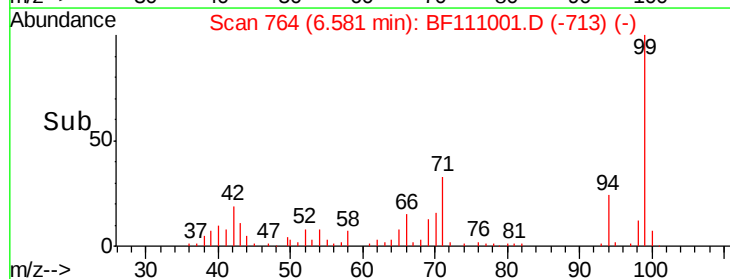
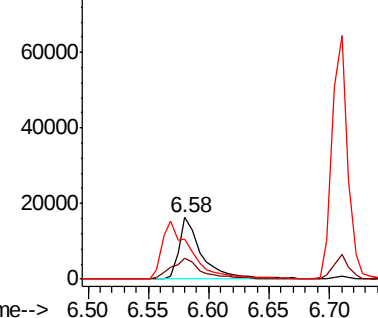
94 100

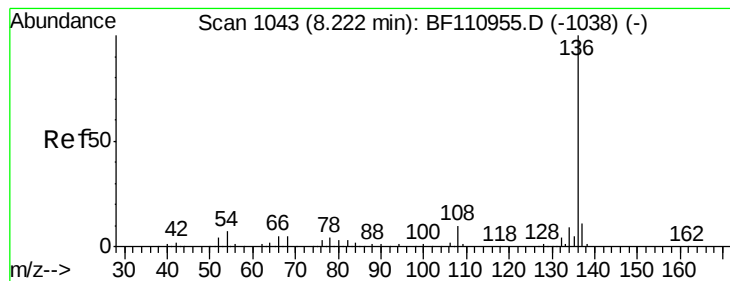
65 33.6 25.3 65.3

66 64.5 54.5 94.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 168756

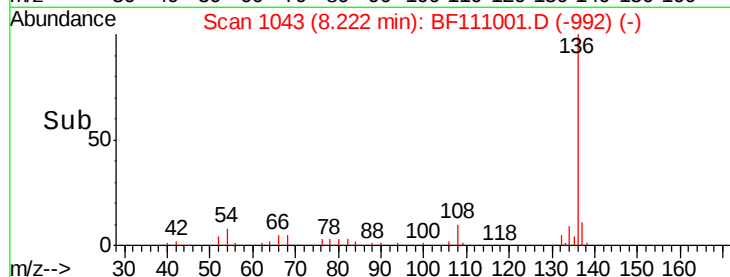
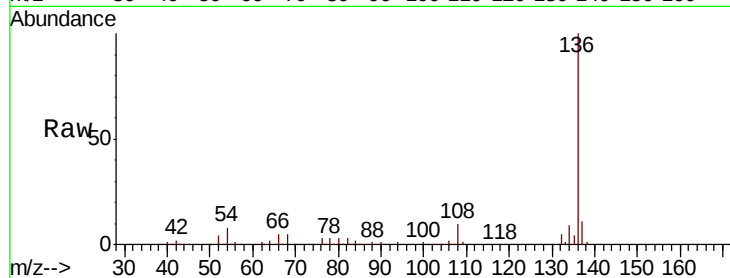
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 5.4 8.2

68 4.7 4.2 6.2

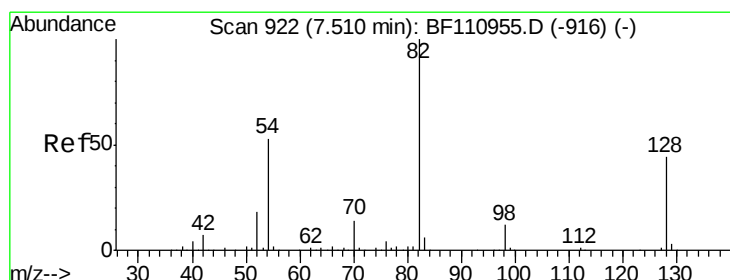
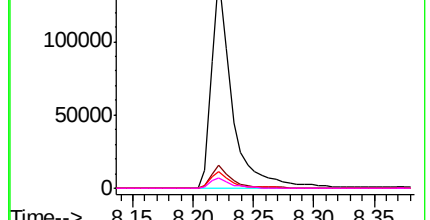


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.773 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

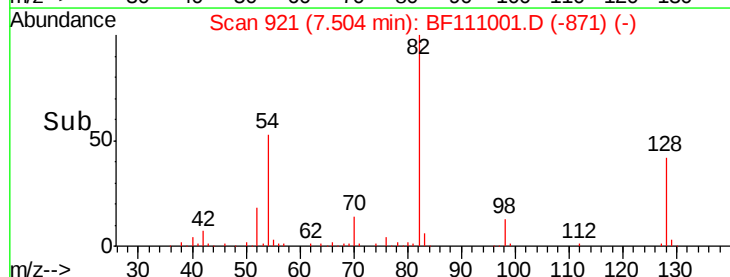
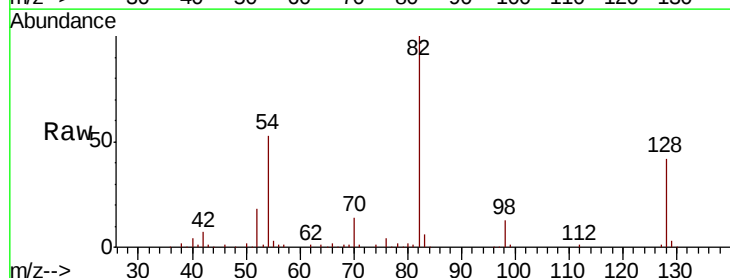
Tgt Ion: 82 Resp: 247021

Ion Ratio Lower Upper

82 100

128 42.3 34.2 51.2

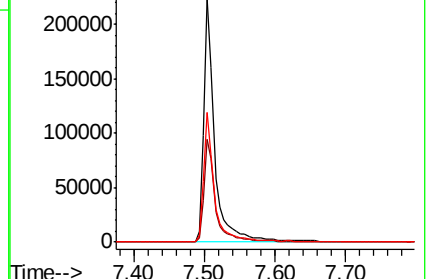
54 53.1 38.6 58.0

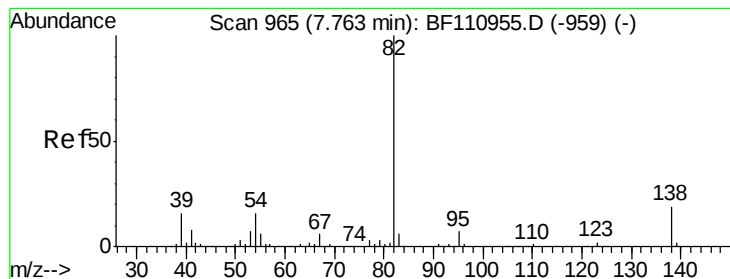


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.070 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

Instrument :

BNA_F

ClientSampled :

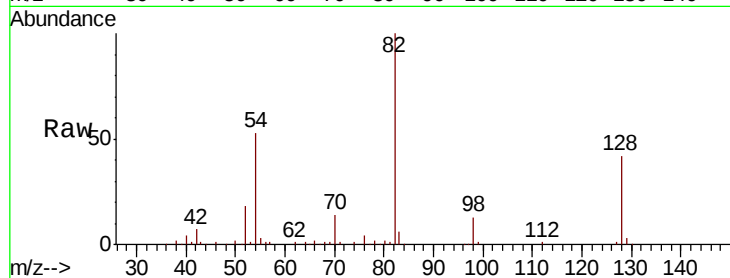
Tot Ion: 82 Resp: 247021

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

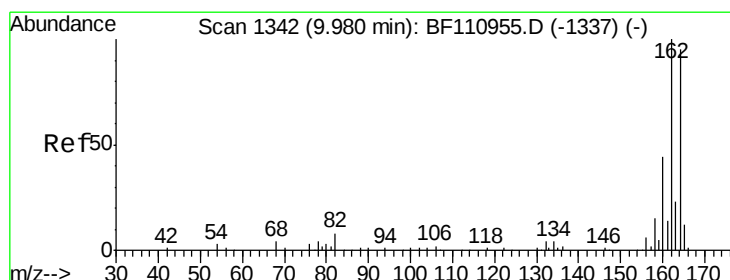
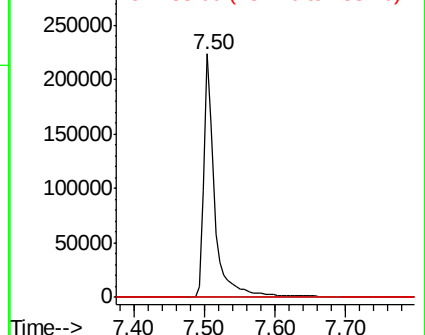
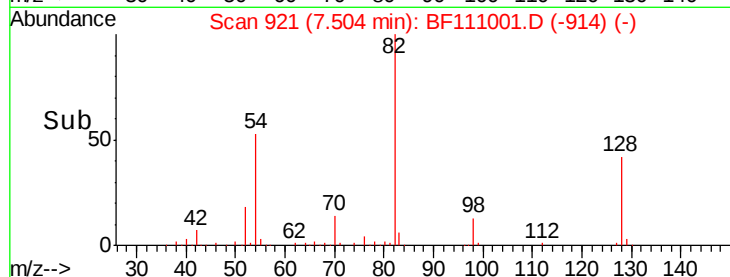
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF111001.D (-914) (-)

Ion 95.00 (94.70 to 95.70): BF111001.D (-914) (-)

Ion 138.00 (137.70 to 138.70): BF111001.D (-914) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

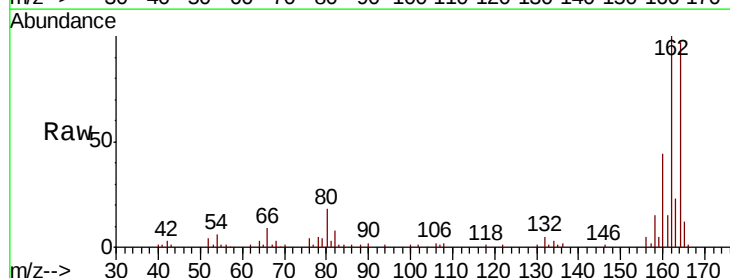
Tgt Ion: 164 Resp: 63098

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

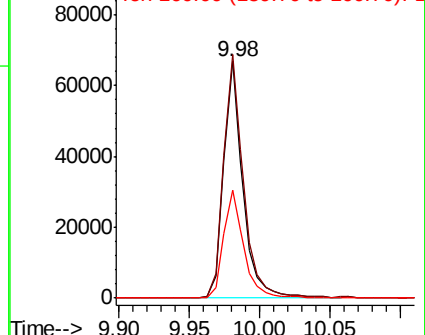
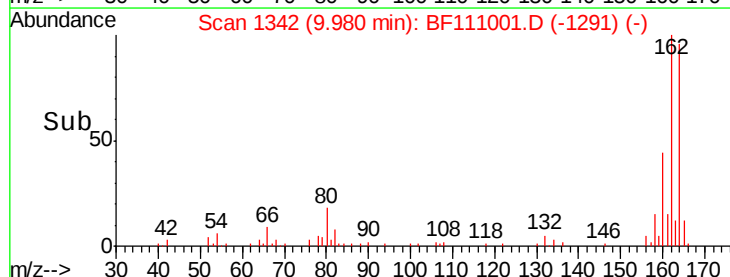
160 45.5 37.0 55.6

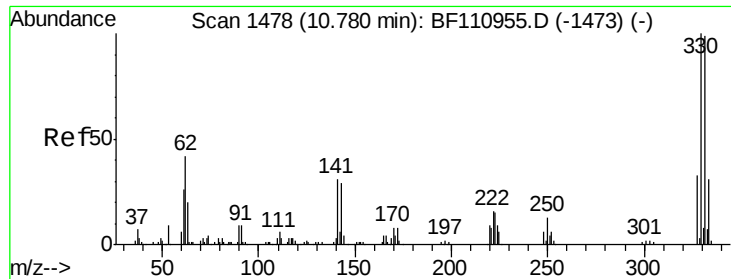


Abundance Ion 164.00 (163.70 to 164.70): BF111001.D (-1291) (-)

Ion 162.00 (161.70 to 162.70): BF111001.D (-1291) (-)

Ion 160.00 (159.70 to 160.70): BF111001.D (-1291) (-)





#42

2,4,6-Tribromophenol

Concen: 14.136 ng

RT: 10.79 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

Instrument :

BNA_F

ClientSampleId :

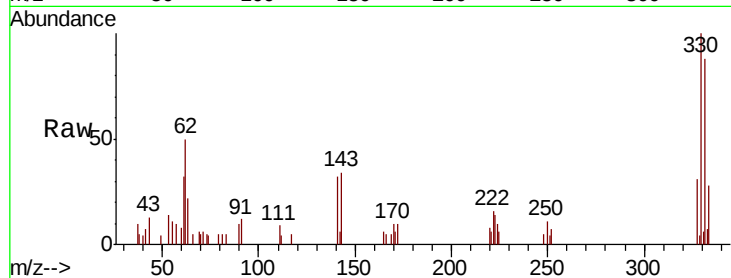
Tot Ion:330 Resp: 8858

Ion Ratio Lower Upper

330 100

332 92.9 77.1 115.7

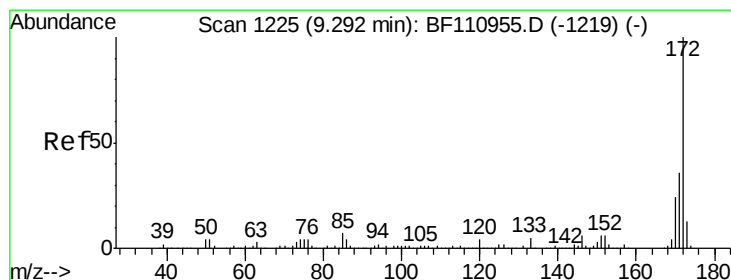
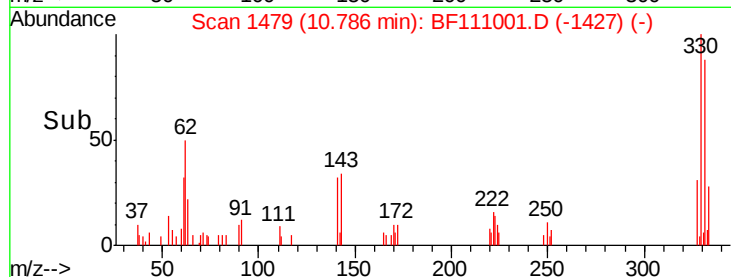
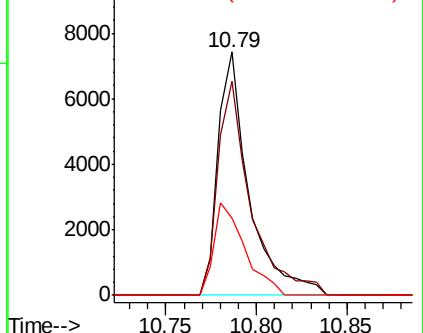
141 37.6 27.0 40.4



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: 92.361 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

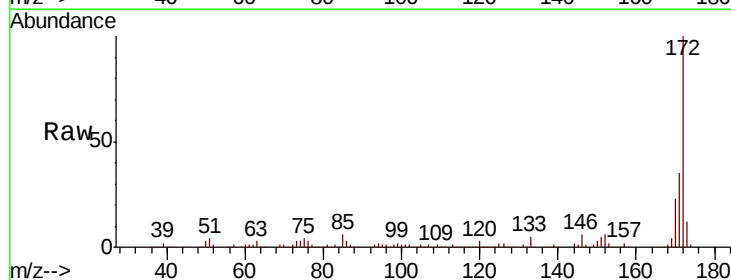
Tgt Ion:172 Resp: 402257

Ion Ratio Lower Upper

172 100

171 35.1 28.6 43.0

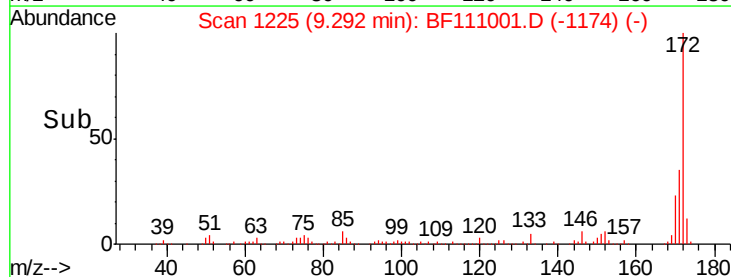
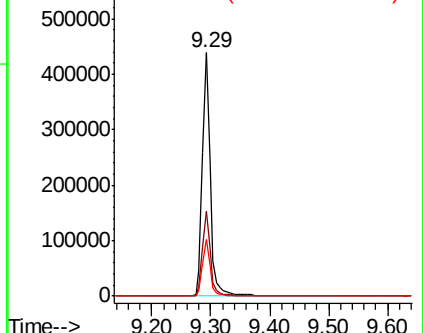
170 23.5 19.7 29.5

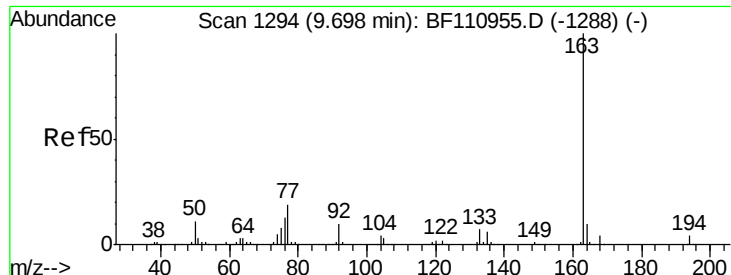


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

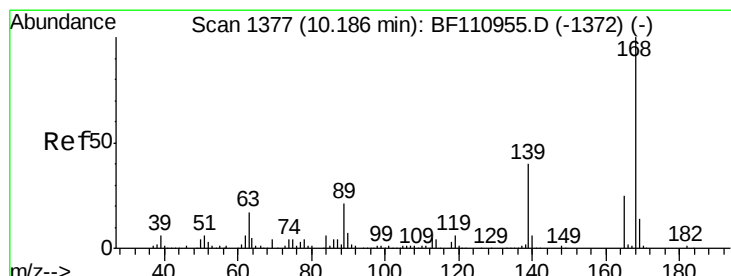
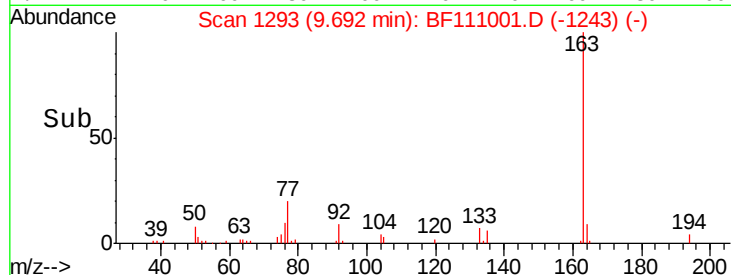
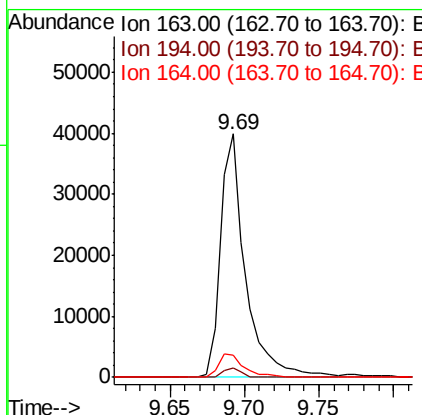
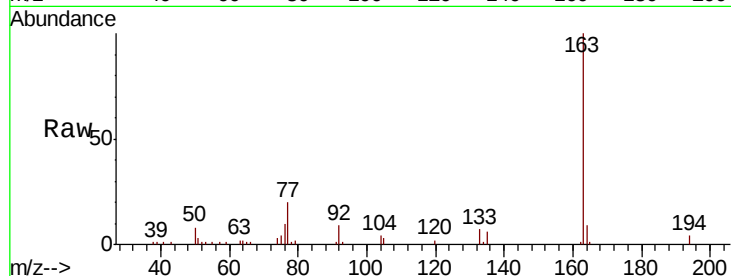




#50
Dimethylphthalate
Concen: 10.160 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

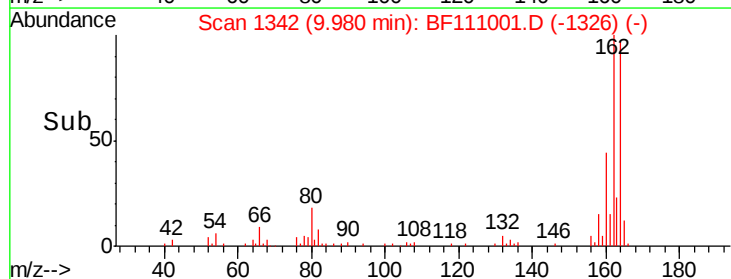
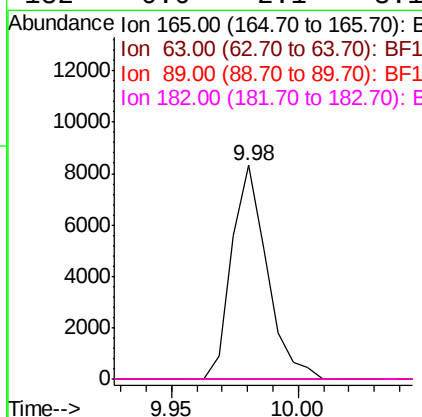
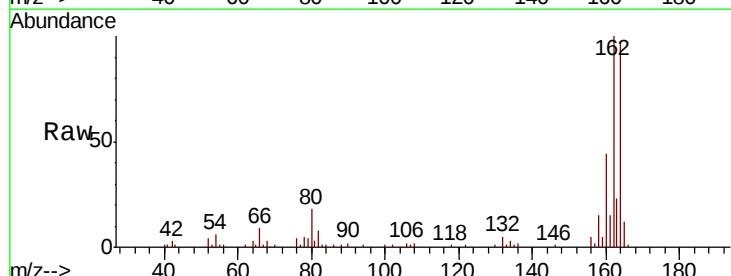
Instrument :
BNA_F
ClientSampled :

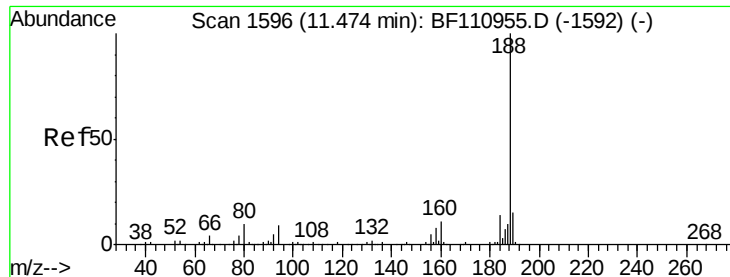
Tot Ion:163 Resp: 47017
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.1 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

Tgt Ion:165 Resp: 8019
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

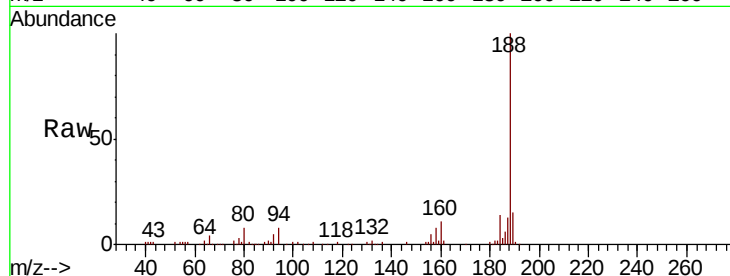




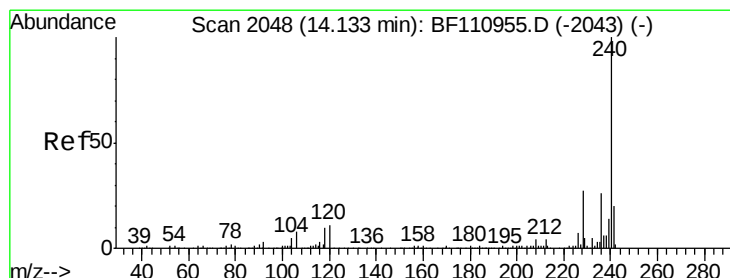
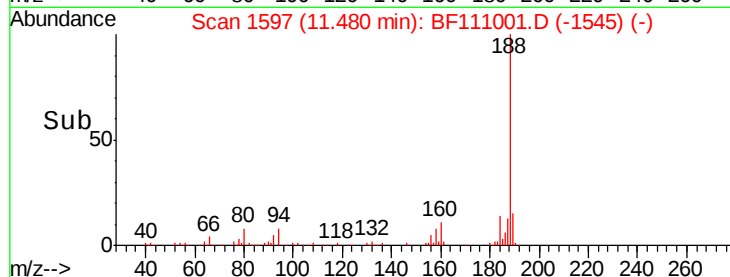
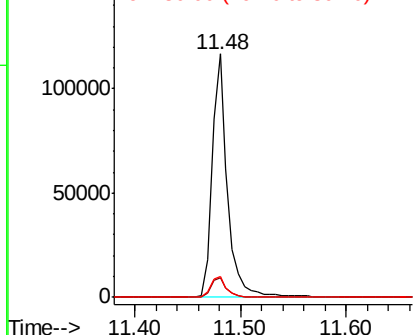
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 118948
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.4 7.9 11.9

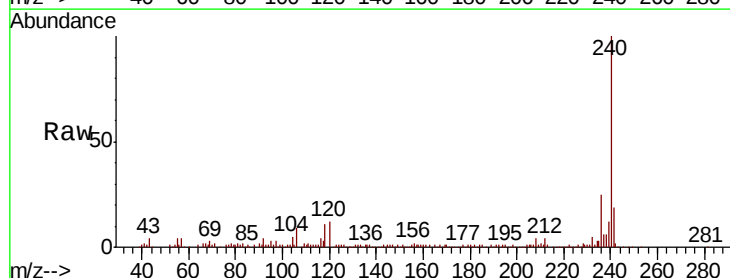


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

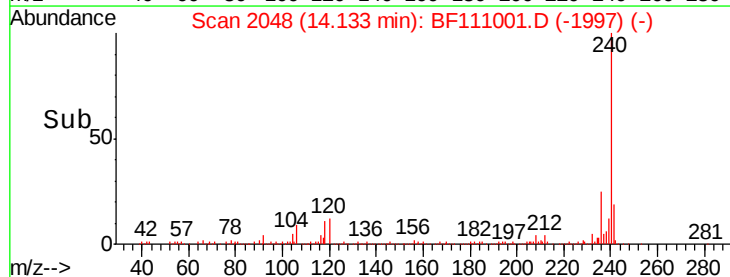
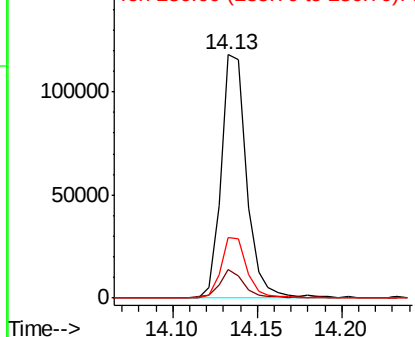


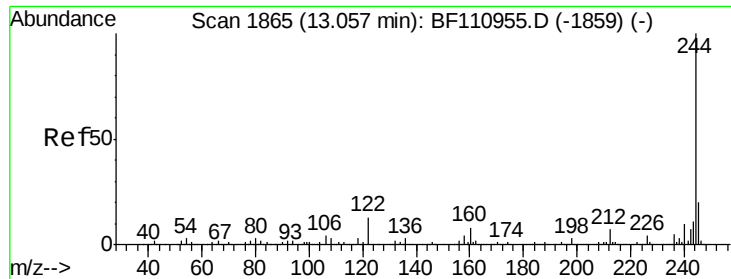
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BF111001.D
Acq: 27 Nov 2018 11:20

Tgt Ion:240 Resp: 125012
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 24.9 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: 64.077 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

Instrument :

BNA_F

ClientSampleId :

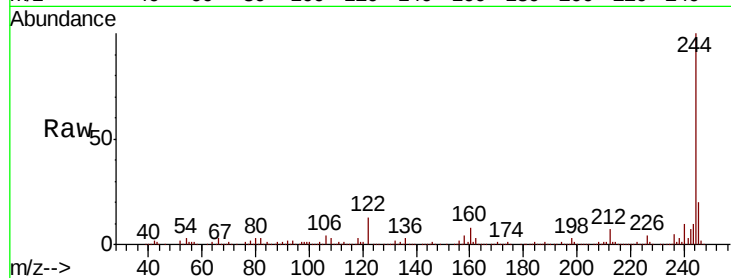
Tot Ion:244 Resp: 411497

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

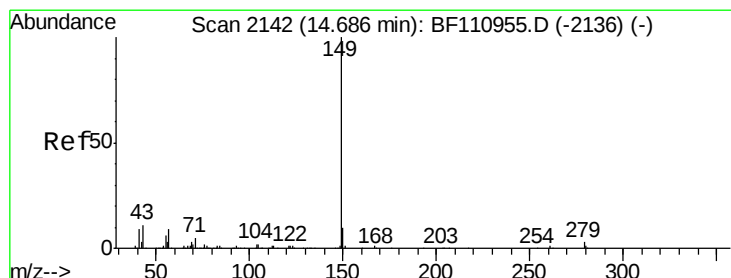
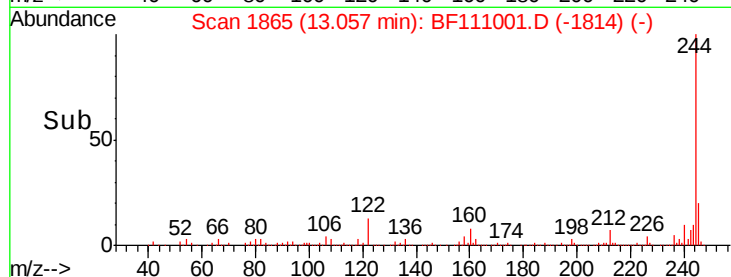
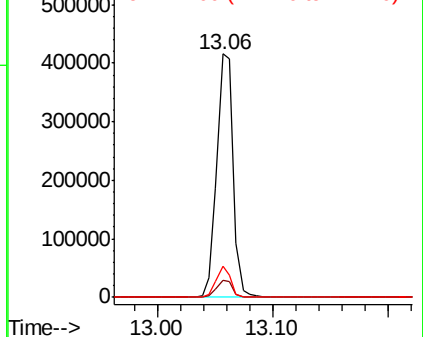
122 12.8 8.7 13.1



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



#85

Di-n-octyl phthalate

Concen: 20.579 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BF111001.D

Acq: 27 Nov 2018 11:20

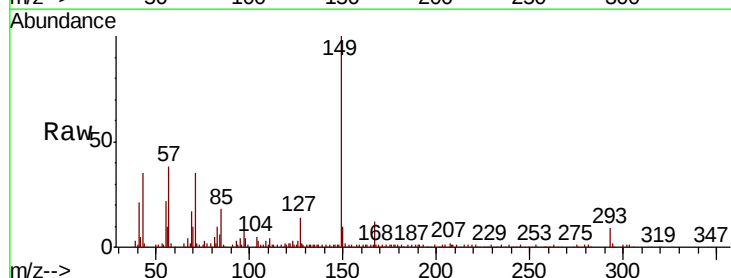
Tgt Ion:149 Resp: 178429

Ion Ratio Lower Upper

149 100

167 10.5 1.1 1.7#

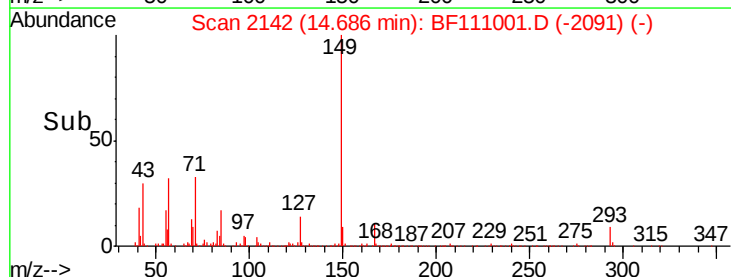
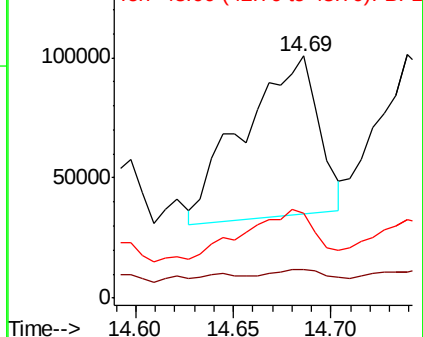
43 30.7 7.8 11.8#

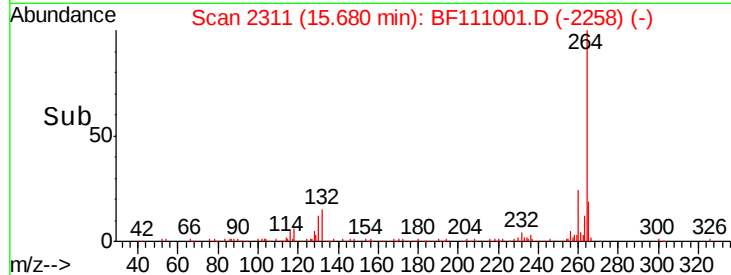
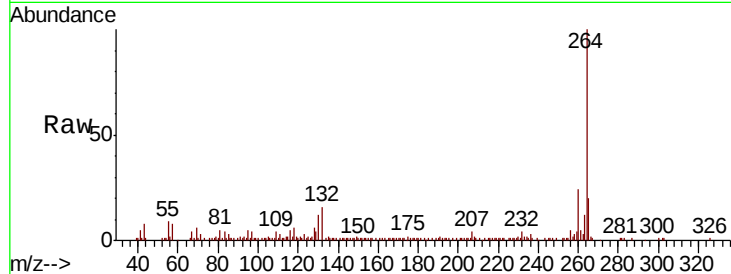
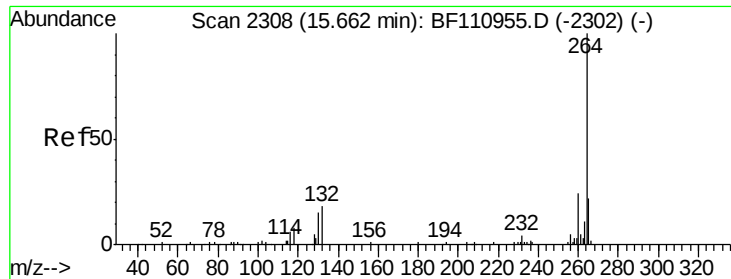


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BF111001.D
 Acq: 27 Nov 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	89181
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.7 28.1
265	20.0	16.7 25.1

