

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099861.D
 Acq On : 26 Oct 2017 15:06
 Operator : SJ/JU
 Sample : I6068-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Quant Time: Oct 26 17:00:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

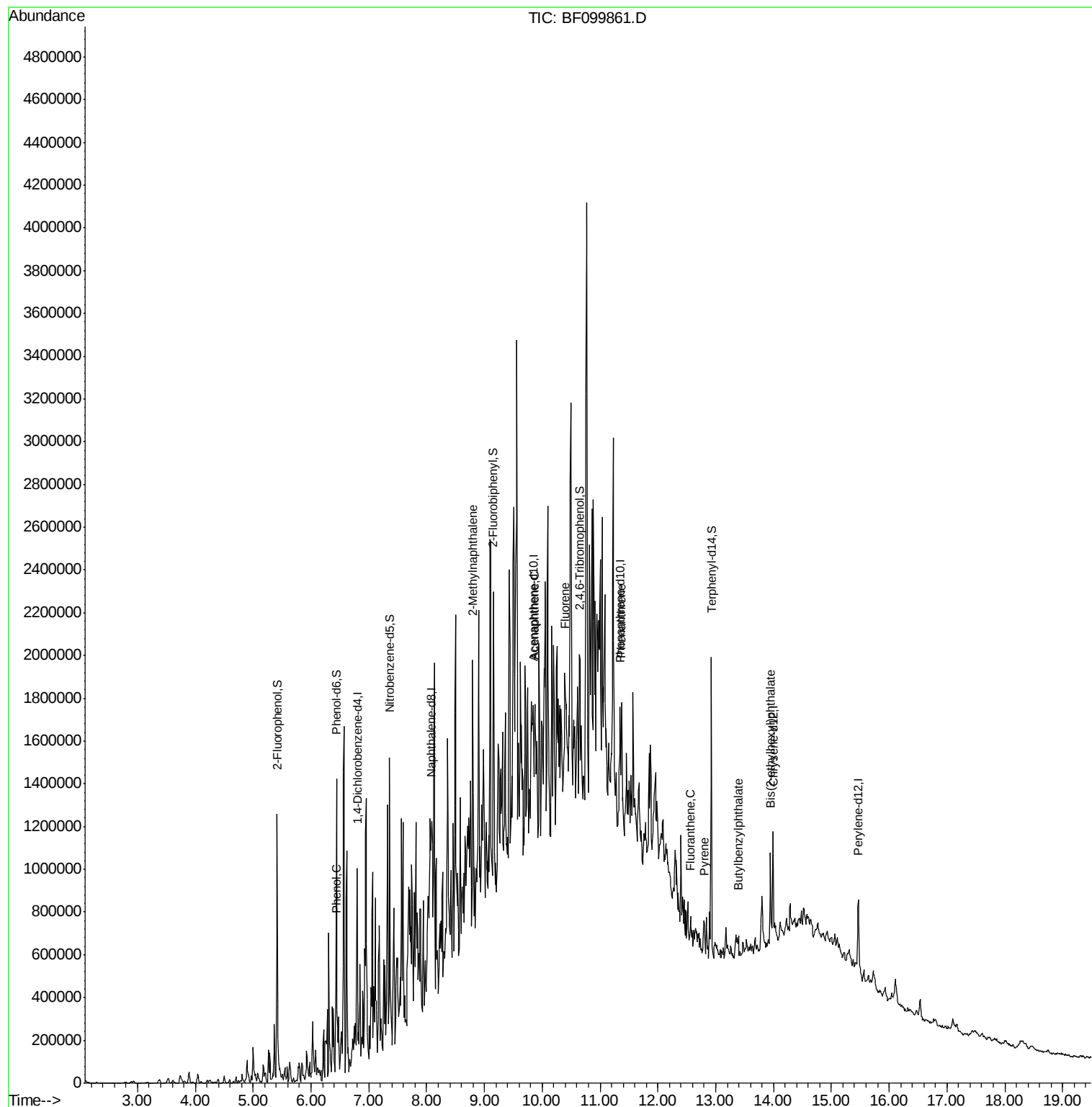
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61695	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	242243	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	108247	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	187573	20.00	ng	0.01
75) Chrysene-d12	13.99	240	175985	20.00	ng	0.00
86) Perylene-d12	15.47	264	178269	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	451057	114.78	ng	0.00
7) Phenol-d6	6.44	99	531616	114.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	290035	77.08	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	113022	114.57	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	535228	76.29	ng	0.00
78) Terphenyl-d14	12.92	244	512875	63.69	ng	0.00
Target Compounds						
10) Phenol	6.45	94	29232	5.714	ng	95
37) 2-Methylnaphthalene	8.80	142	390845	49.877	ng	98
51) Acenaphthene	9.88	154	30376	4.539	ng	# 70
57) Fluorene	10.40	166	77781	9.944	ng	# 91
70) Phenanthrene	11.37	178	237571	22.443	ng	96
74) Fluoranthene	12.56	202	39862	3.624	ng	92
77) Pyrene	12.79	202	58709	4.387	ng	96
79) Butylbenzylphthalate	13.39	149	14750	2.238	ng	93
83) Bis(2-ethylhexyl)phthalate	13.94	149	138557	14.973	ng	98

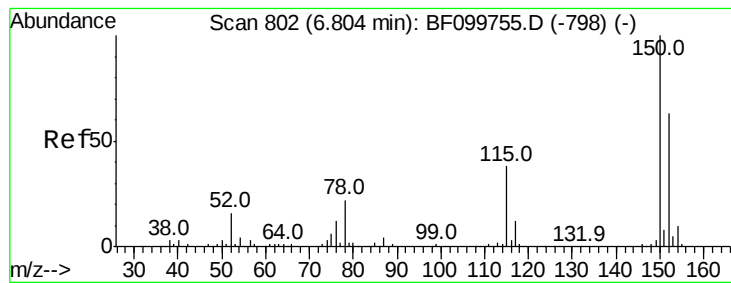
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-05

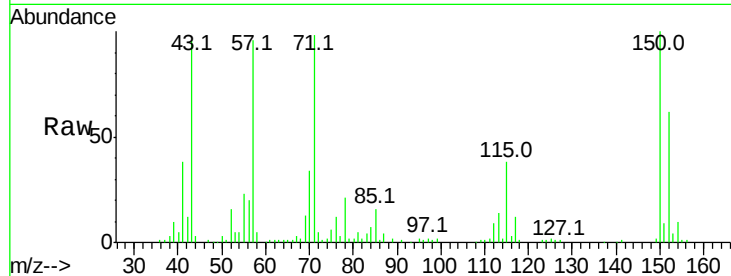
Tot Ion:152 Resp: 61695

Ion Ratio Lower Upper

152 100

150 160.1 124.6 186.8

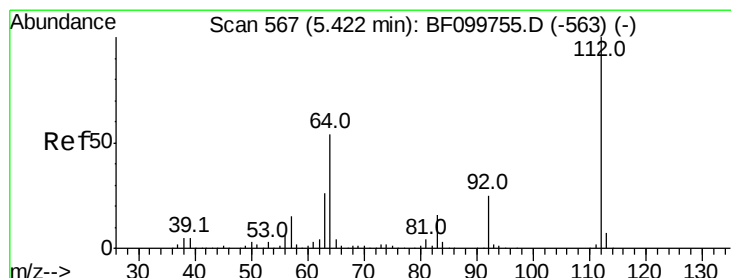
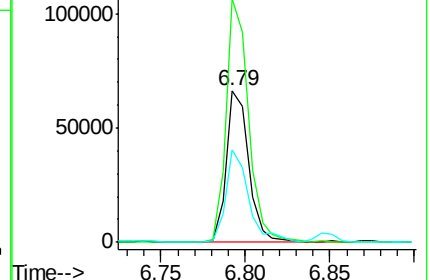
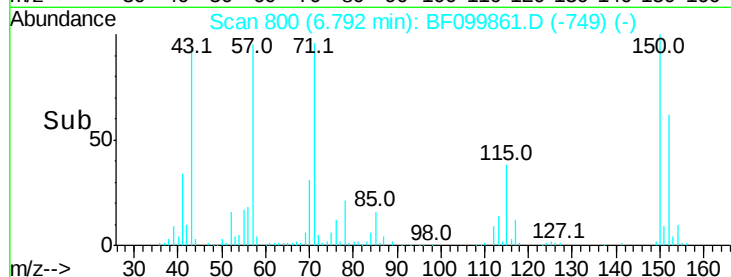
115 60.6 50.1 75.1



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: 114.781 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

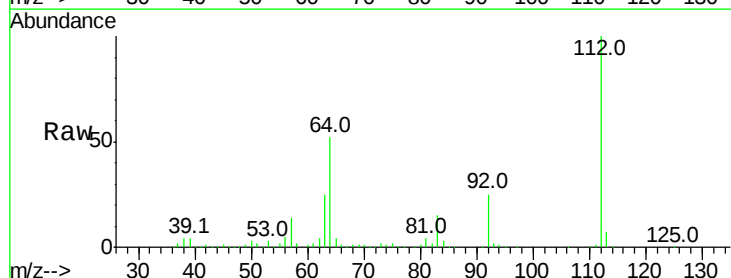
Tgt Ion:112 Resp: 451057

Ion Ratio Lower Upper

112 100

64 52.0 47.9 71.9

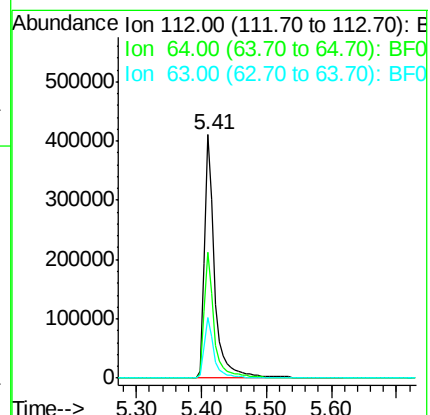
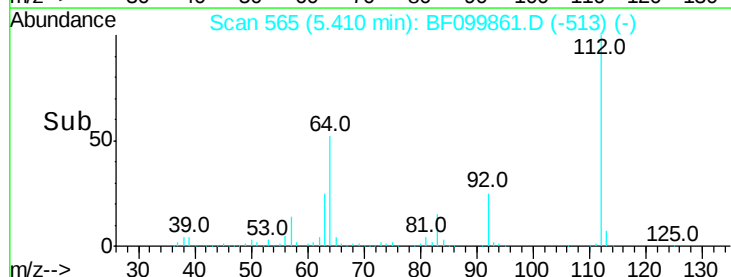
63 24.8 23.7 35.5

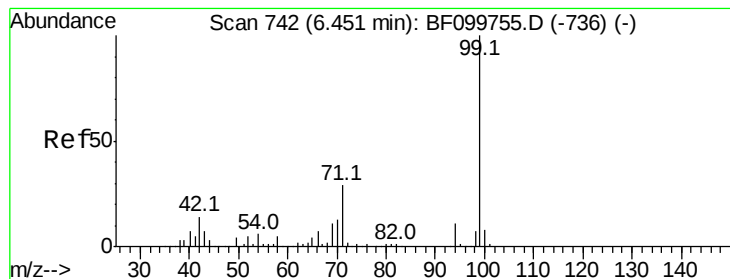


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.092 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-05

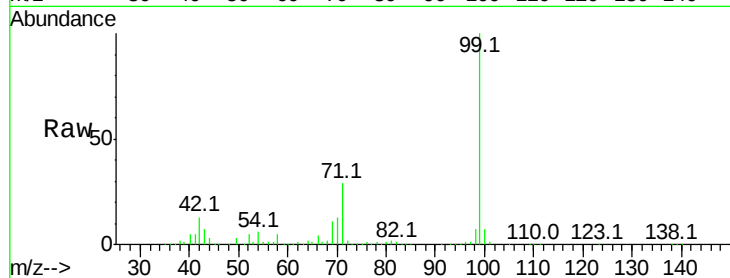
Tot Ion: 99 Resp: 531616

Ion Ratio Lower Upper

99 100

42 13.4 14.5 21.7#

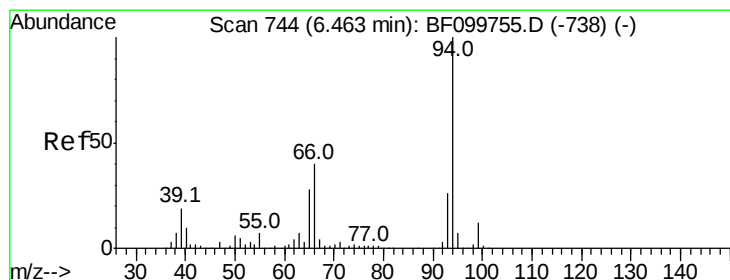
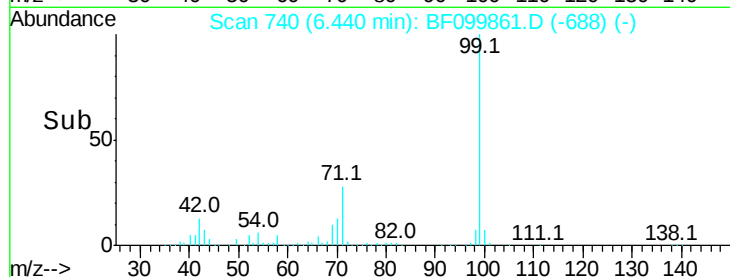
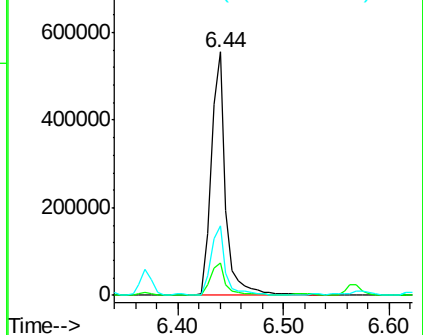
71 28.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.714 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

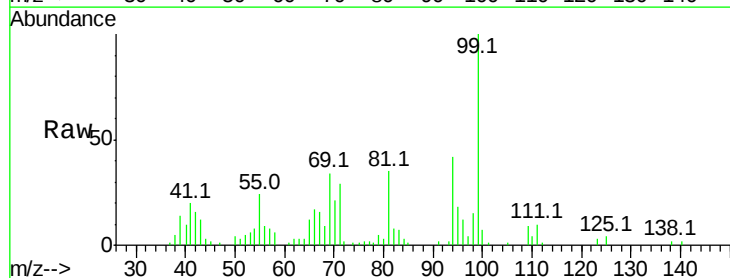
Tgt Ion: 94 Resp: 29232

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

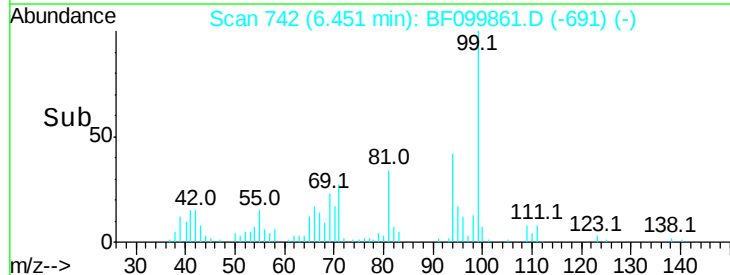
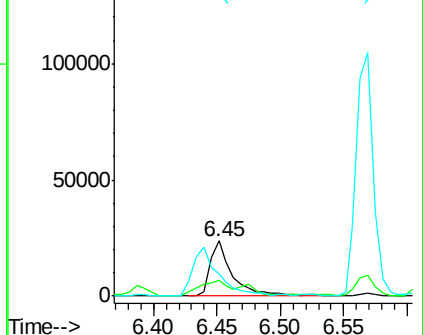
66 41.0 16.2 56.2

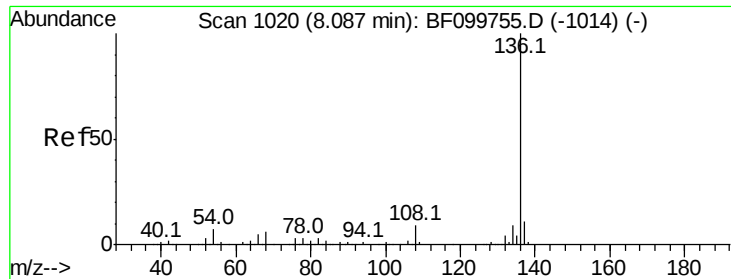


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-05

Tot Ion:136 Resp: 242243

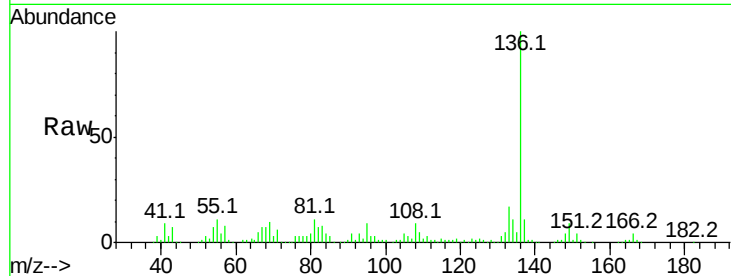
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.2 6.6 9.8

68 7.2 5.0 7.4

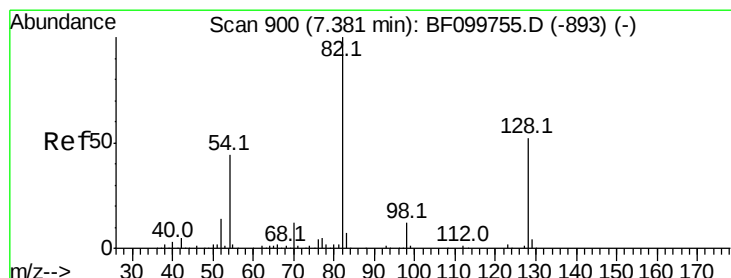
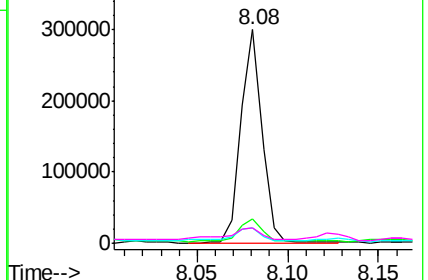
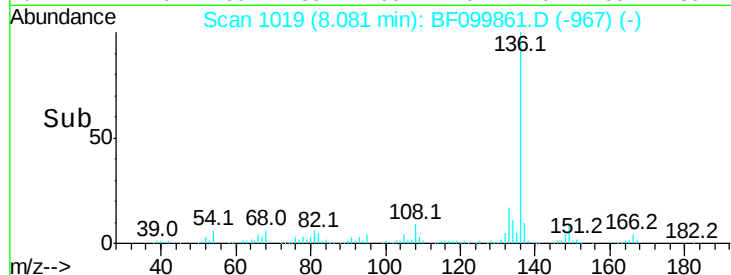


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 77.082 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

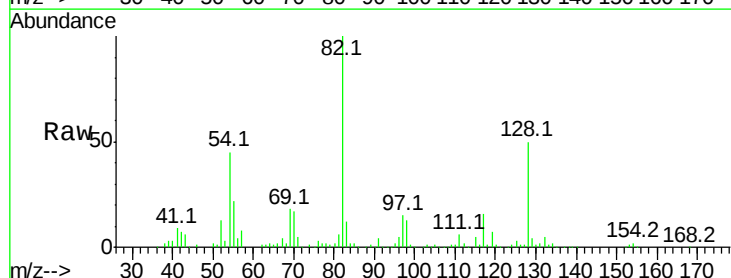
Tgt Ion: 82 Resp: 290035

Ion Ratio Lower Upper

82 100

128 49.8 36.1 54.1

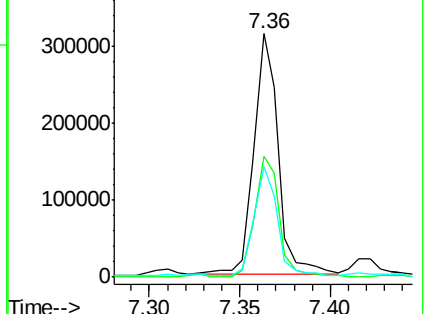
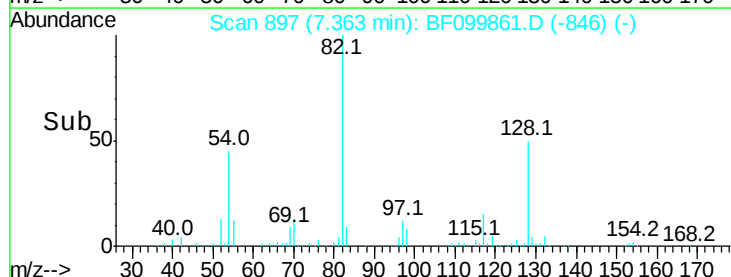
54 45.4 41.4 62.2

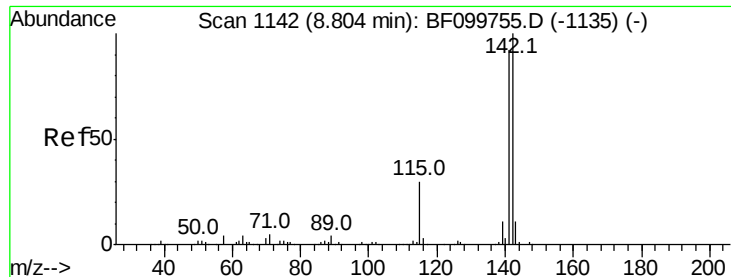


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 49.877 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleID :

SB-05

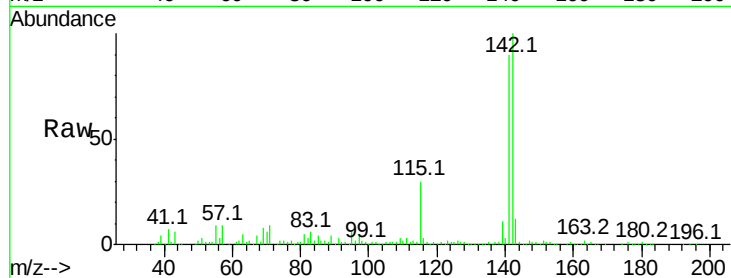
Tot Ion:142 Resp: 390845

Ion Ratio Lower Upper

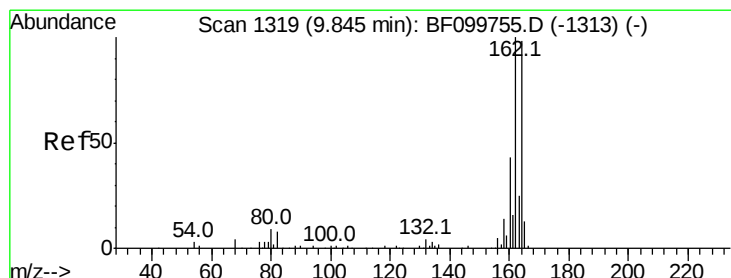
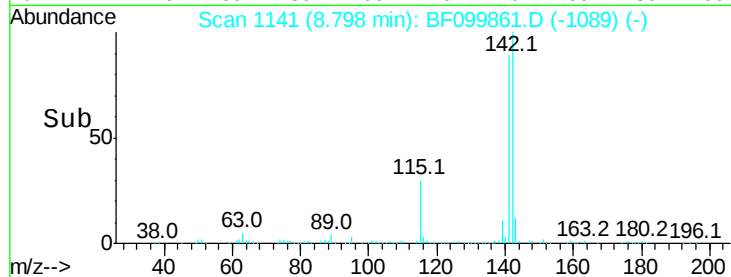
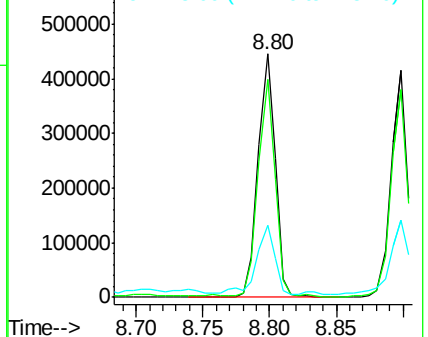
142 100

141 89.8 70.8 106.2

115 29.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

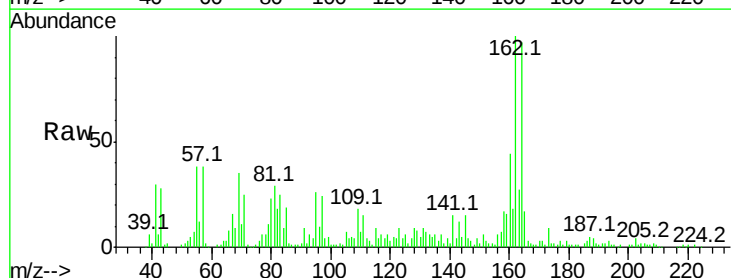
Tgt Ion:164 Resp: 108247

Ion Ratio Lower Upper

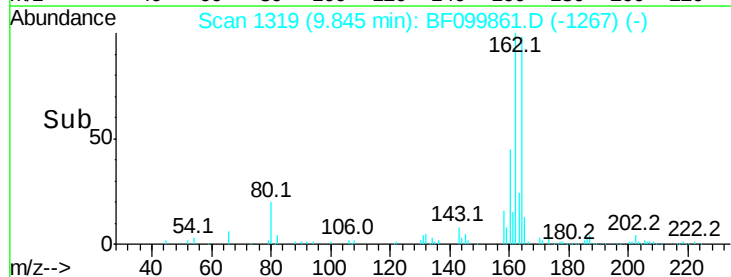
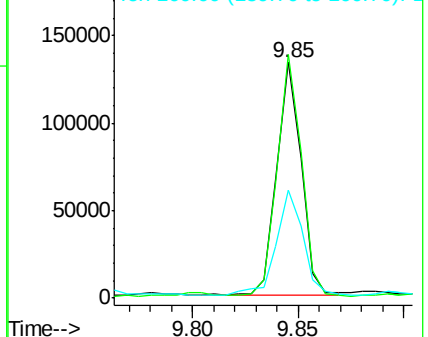
164 100

162 103.5 86.1 129.1

160 45.9 38.3 57.5



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

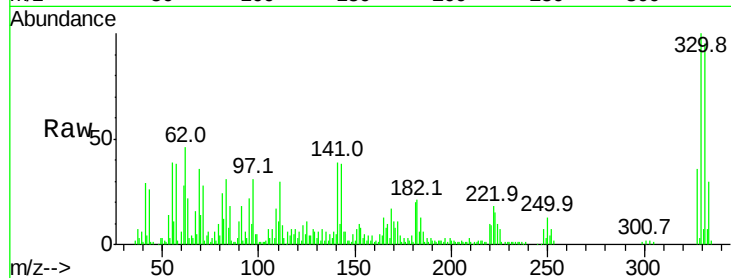




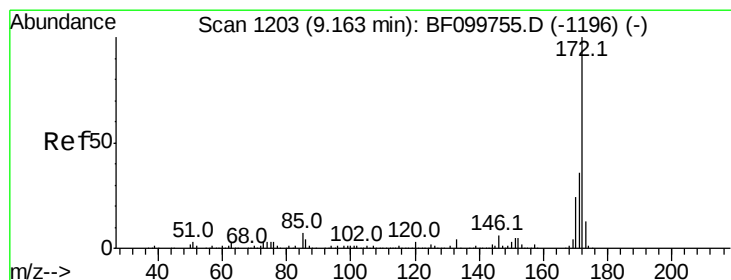
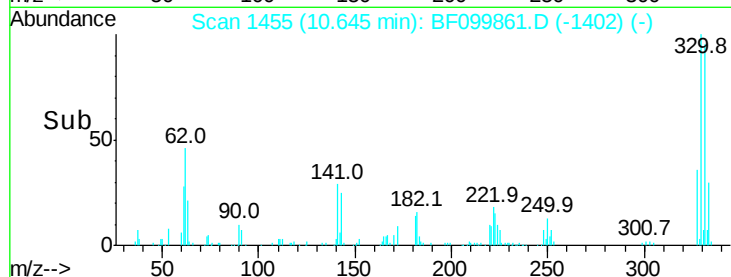
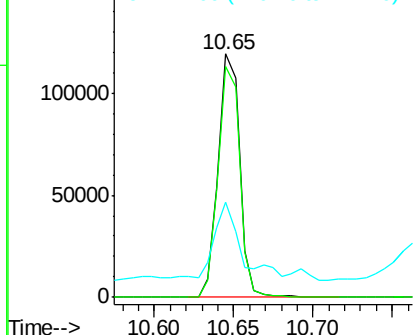
#41
 2,4,6-Tribromophenol
 Concen: 114.572 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Tot Ion:330 Resp: 113022
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.4 29.9 44.9

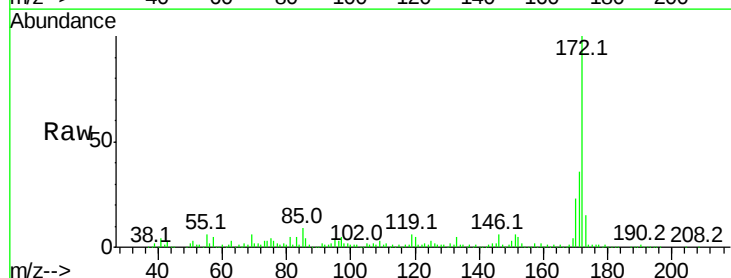


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

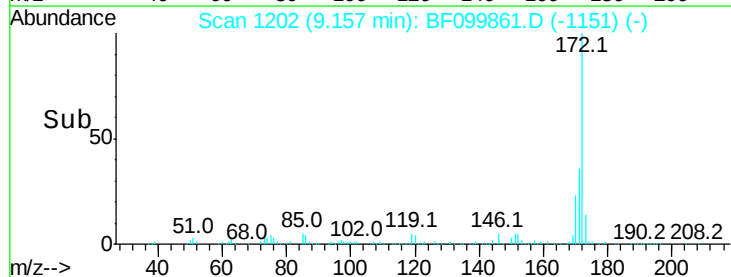
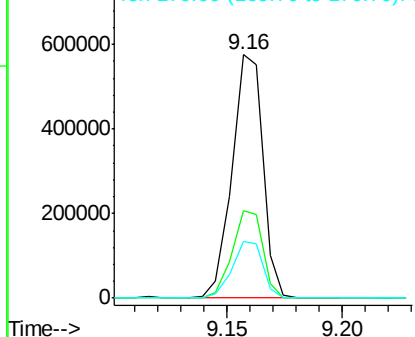


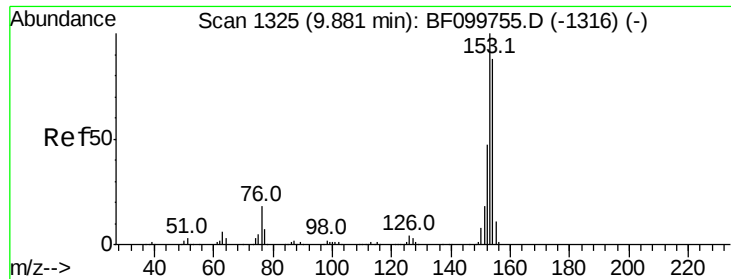
#44
 2-Fluorobiphenyl
 Concen: 76.286 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion:172 Resp: 535228
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.4 19.6 29.4



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





#51

Acenaphthene

Concen: 4.539 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-05

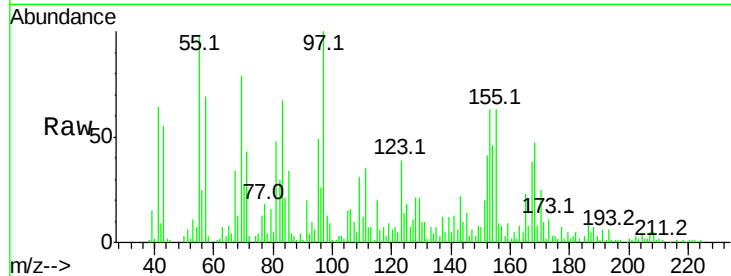
Tot Ion:154 Resp: 30376

Ion Ratio Lower Upper

154 100

153 136.6 91.2 136.8

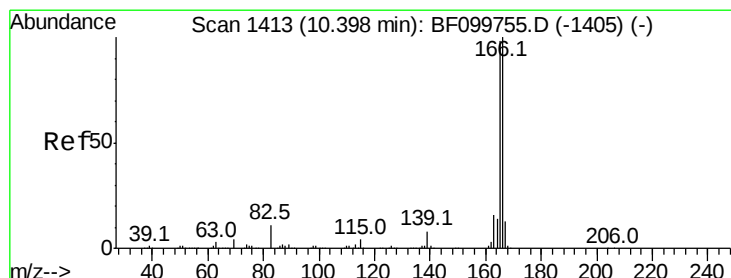
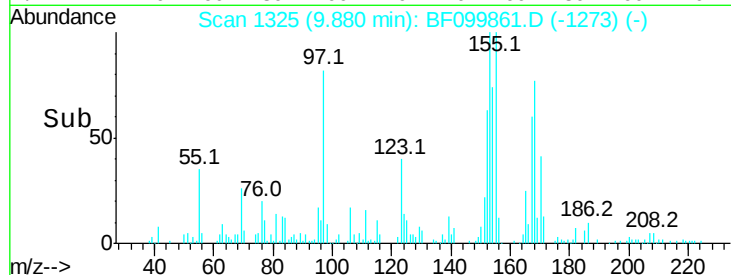
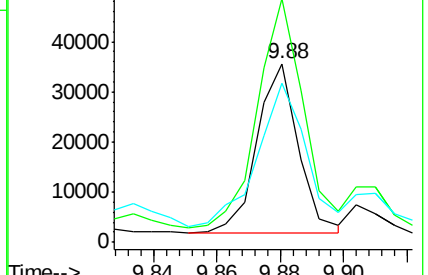
152 89.3 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 9.944 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

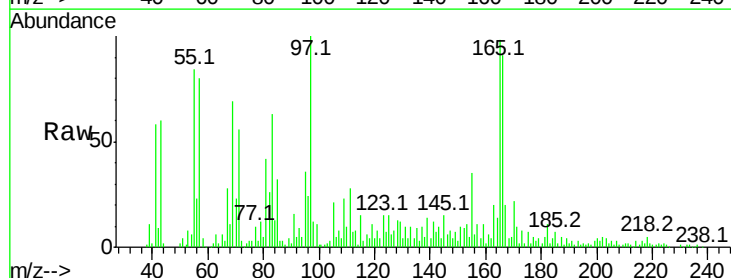
Tgt Ion:166 Resp: 77781

Ion Ratio Lower Upper

166 100

165 107.5 79.8 119.8

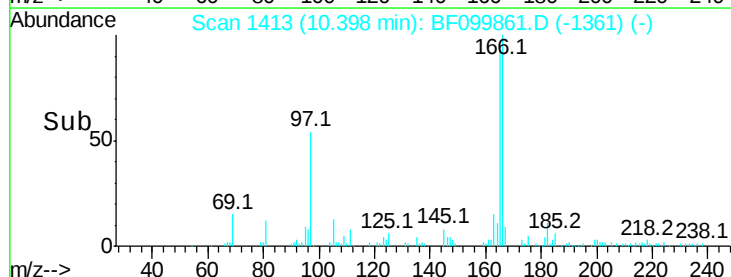
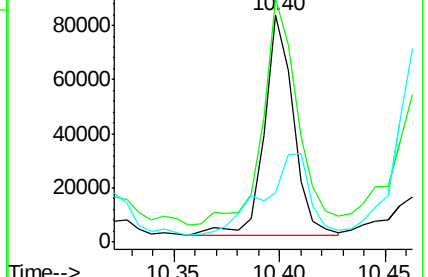
167 21.7 10.6 16.0#

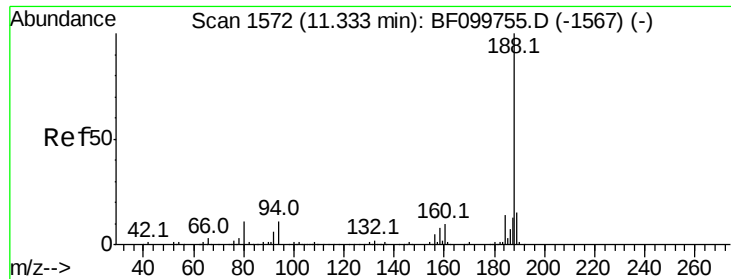


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

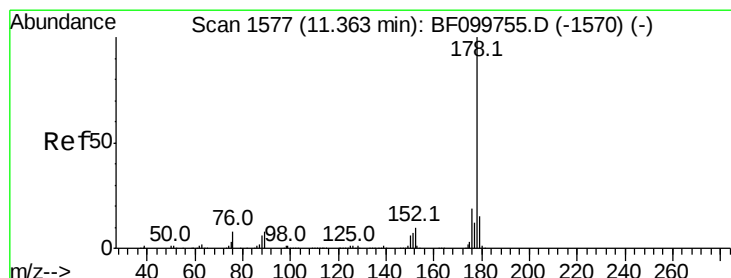
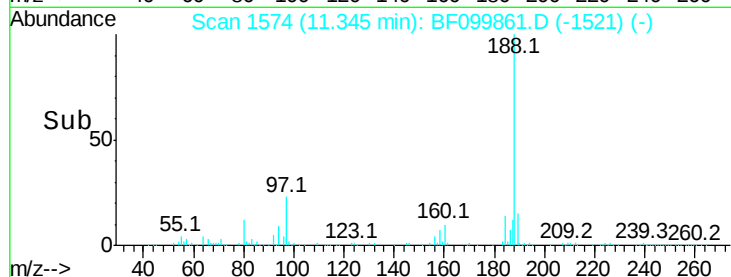
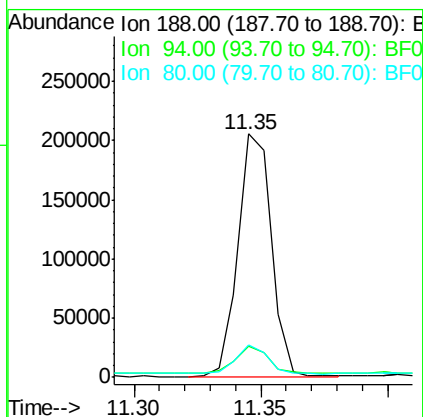
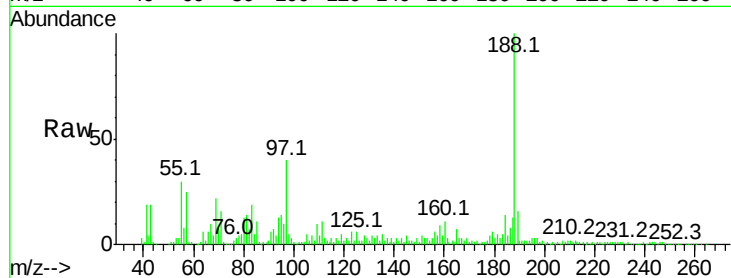




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

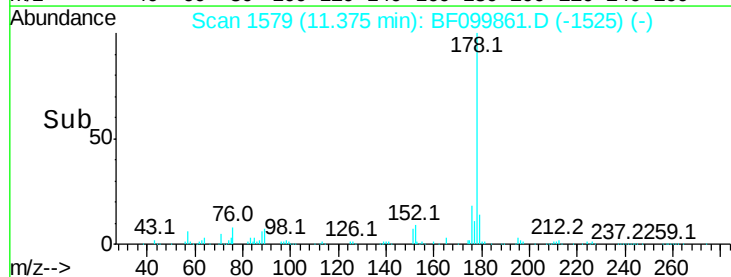
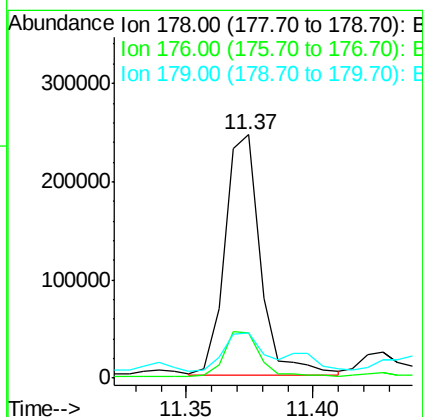
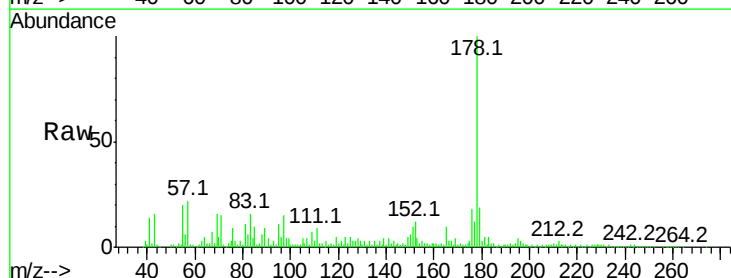
Instrument :
BNA_F
ClientSampleId :
SB-05

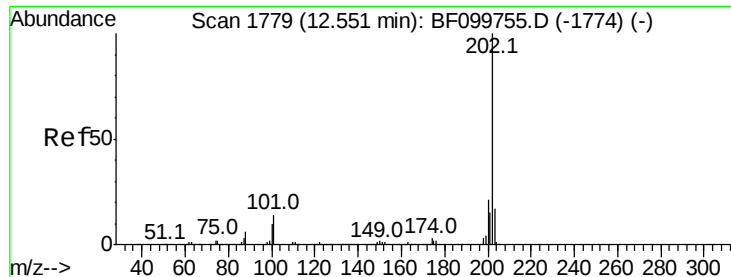
Tot Ion:188 Resp: 187573
Ion Ratio Lower Upper
188 100
94 12.5 8.5 12.7
80 13.4 9.2 13.8



#70
Phenanthrene
Concen: 22.443 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.02 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion:178 Resp: 237571
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 18.7 13.0 19.6

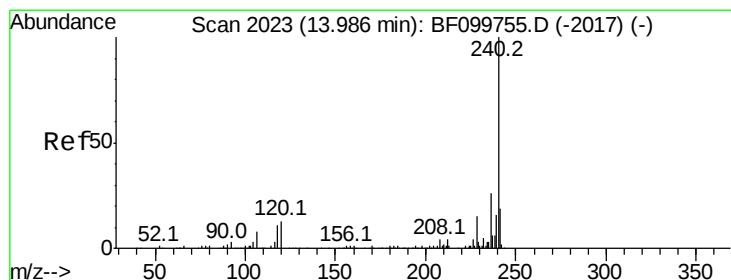
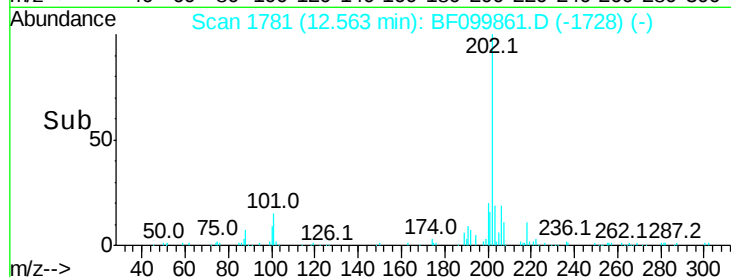
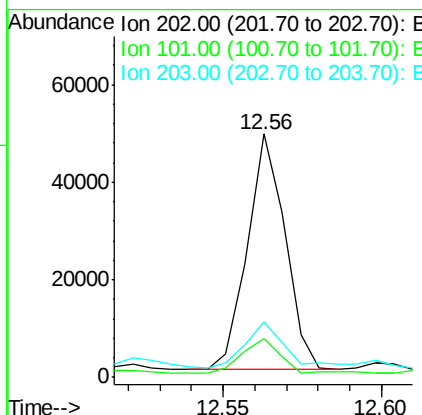
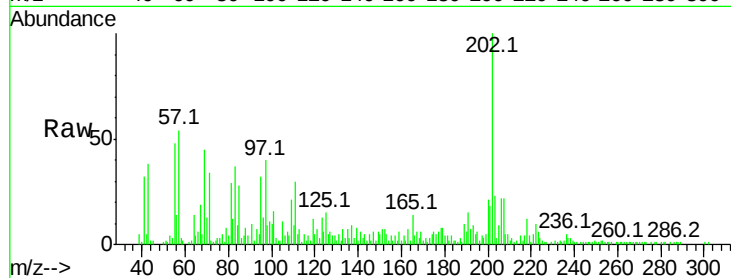




#74
Fluoranthene
Concen: 3.624 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

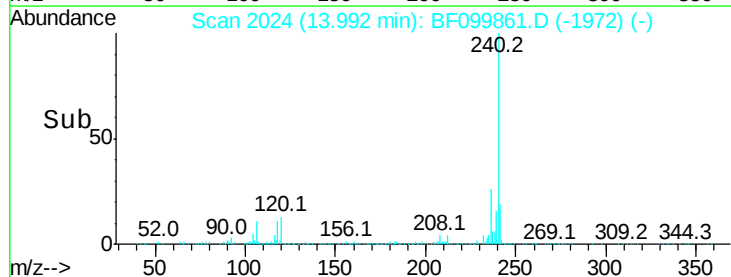
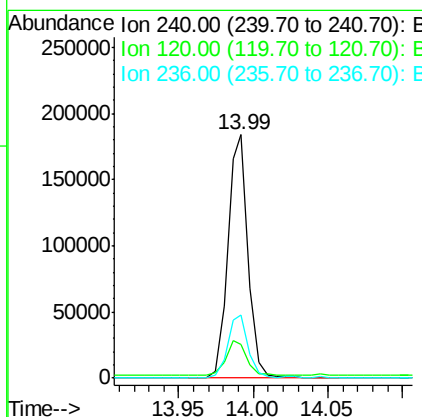
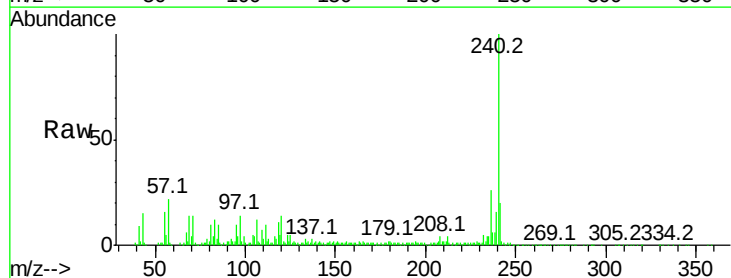
Instrument :
BNA_F
ClientSampleId :
SB-05

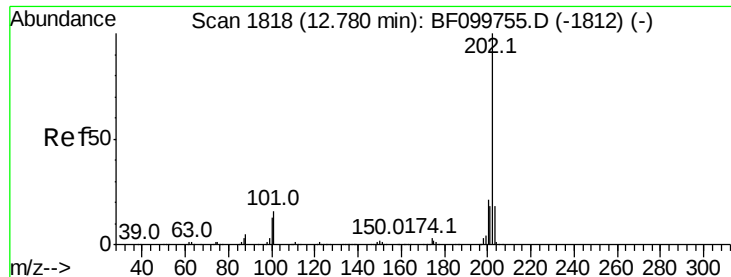
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	22.9	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 4.387 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

Instrument :

BNA_F

ClientSampleId :

SB-05

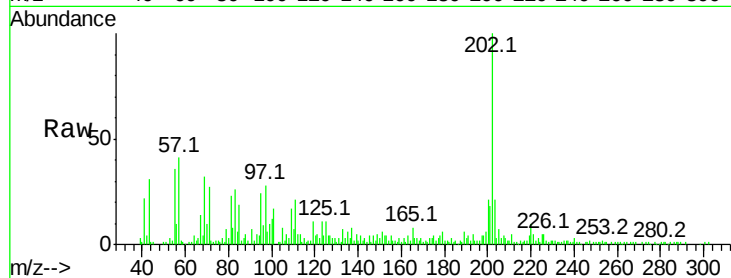
Tot Ion:202 Resp: 58709

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

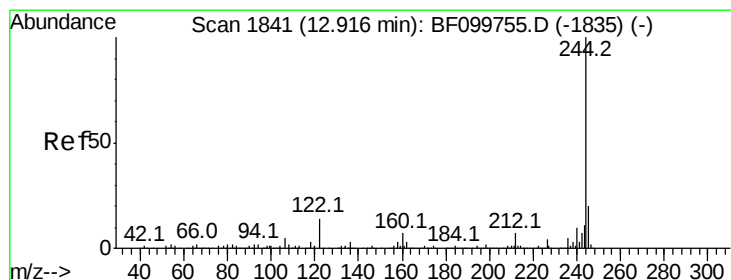
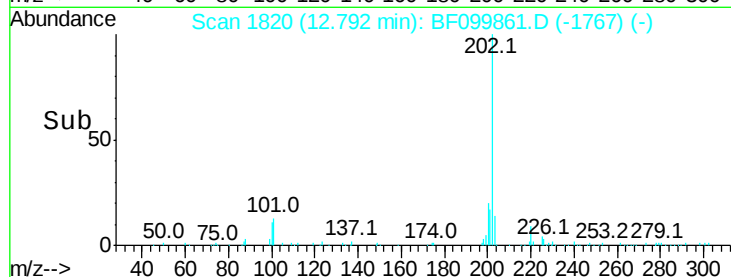
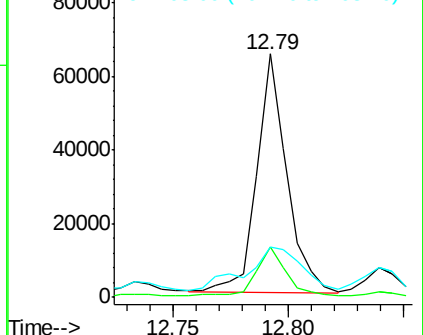
203 20.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.689 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099861.D

Acq: 26 Oct 2017 15:06

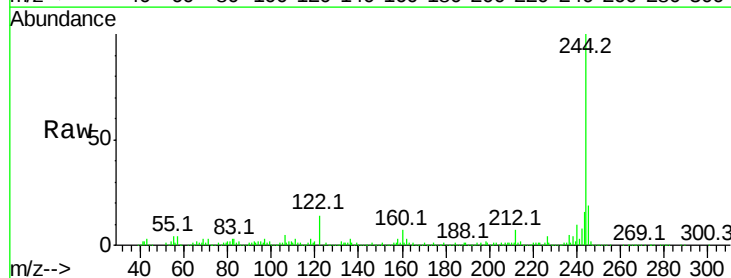
Tgt Ion:244 Resp: 512875

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

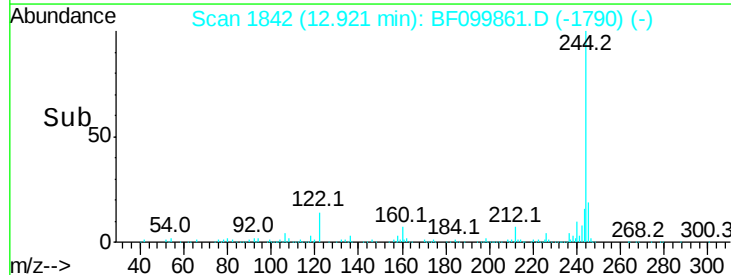
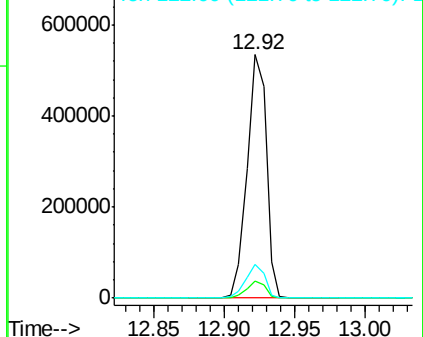
122 14.0 11.0 16.4

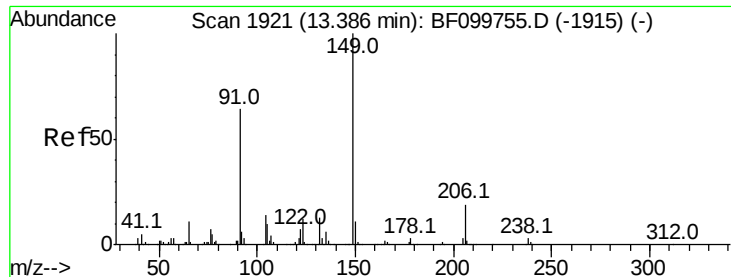


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

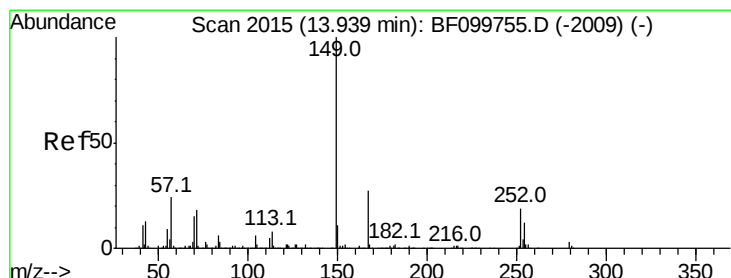
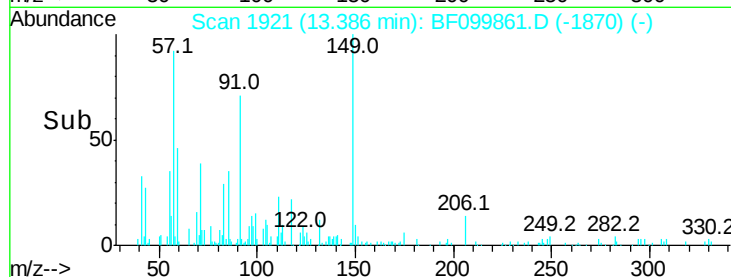
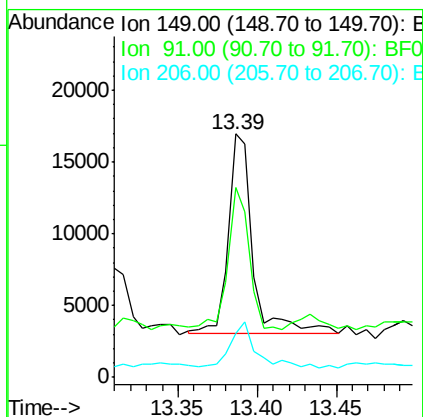
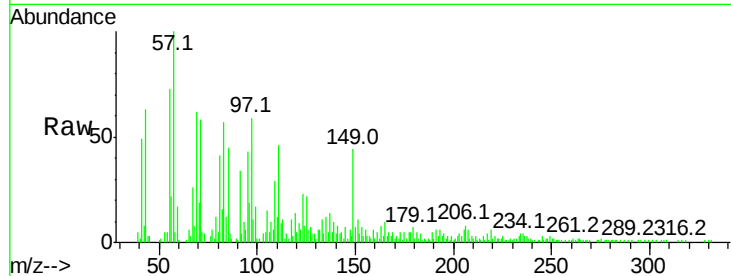




#79
 Butylbenzylphthalate
 Concen: 2.238 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

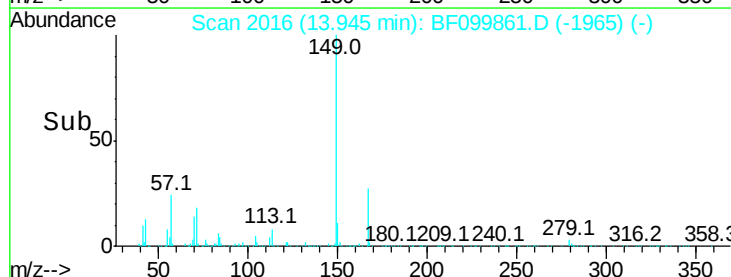
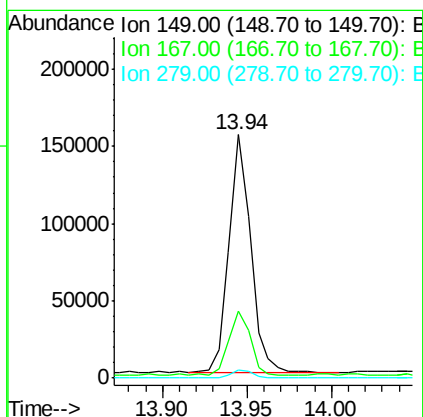
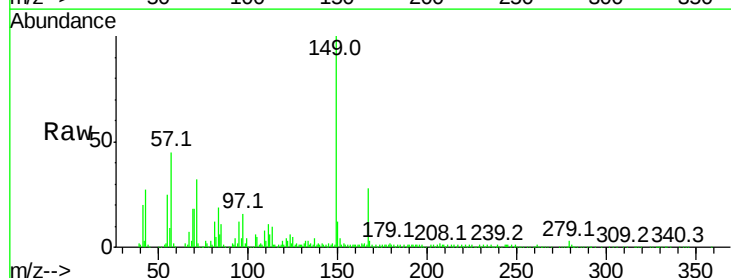
Instrument :
 BNA_F
 ClientSampleId :
 SB-05

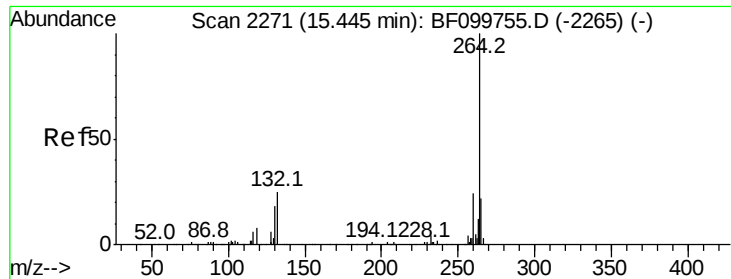
Tot Ion:149 Resp: 14750
 Ion Ratio Lower Upper
 149 100
 91 78.2 56.8 85.2
 206 17.9 14.1 21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.973 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099861.D
 Acq: 26 Oct 2017 15:06

Tgt Ion:149 Resp: 138557
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.3 31.9
 279 3.3 3.0 4.4

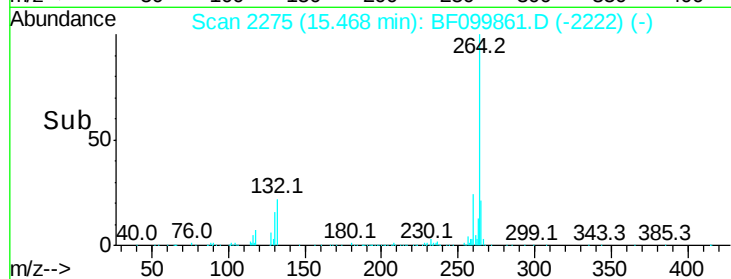
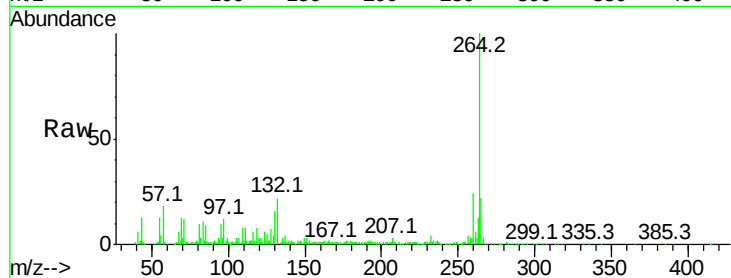




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099861.D
Acq: 26 Oct 2017 15:06

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	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

