

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094055.D
 Acq On : 30 Mar 2017 9:57
 Operator : SJ/MA
 Sample : I2382-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-11RE

Quant Time: Mar 30 16:37:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

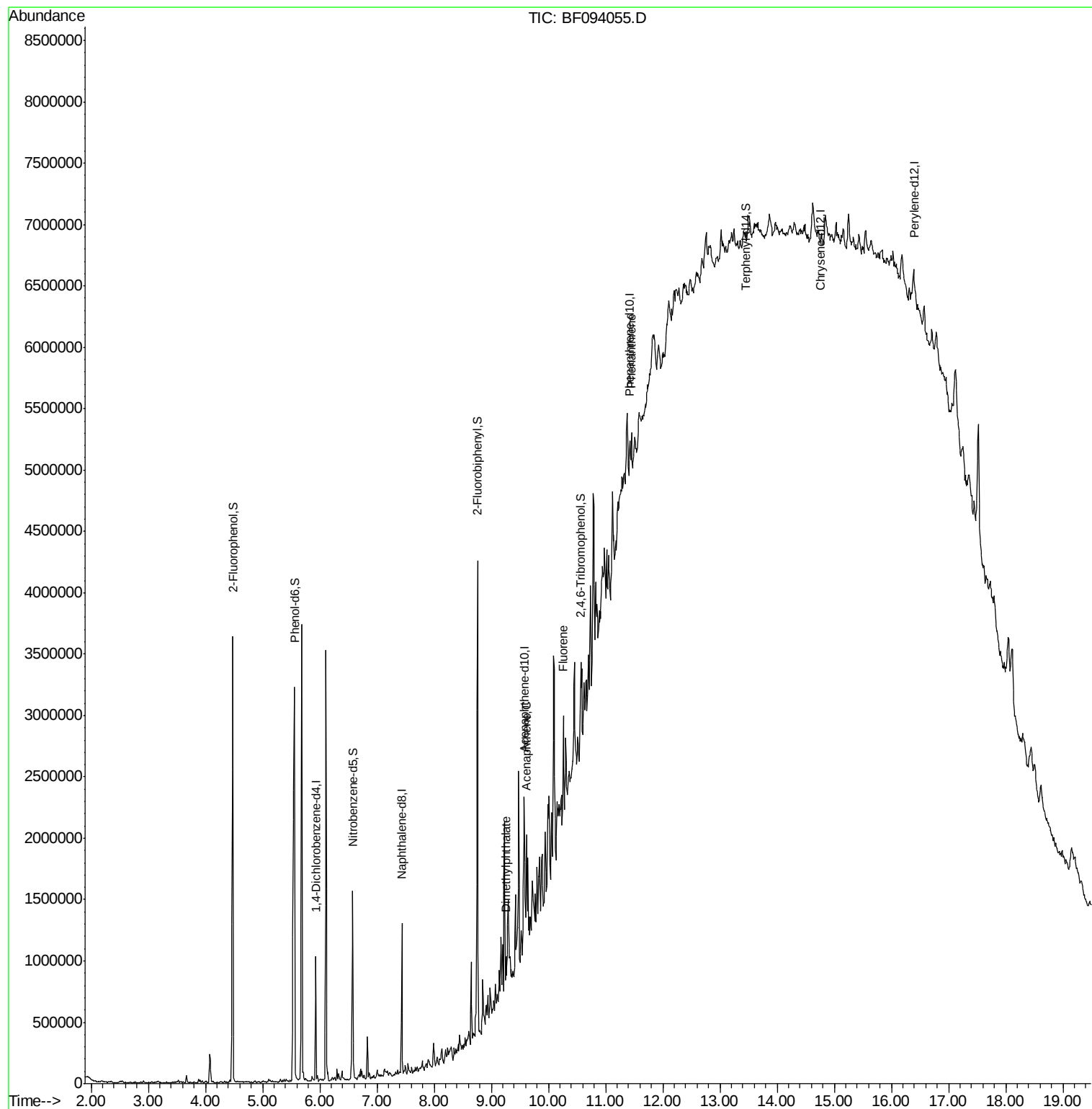
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	153018	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	574693	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	209075	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	233082	20.00	ng	0.00
75) Chrysene-d12	14.76	240	88687	20.00	ng	0.08
86) Perylene-d12	16.41	264	66327	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1243310	137.24	ng	0.00
7) Phenol-d6	5.56	99	1558644	139.07	ng	0.00
23) Nitrobenzene-d5	6.57	82	515083	51.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	142019	85.96	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	1516785	110.65	ng	-0.02
78) Terphenyl-d14	13.44	244	397602	100.49	ng	0.04
Target Compounds						
49) Dimethylphthalate	9.25	163	85141	5.73	ng	# 93
51) Acenaphthene	9.62	154	155955	12.18	ng	99
57) Fluorene	10.26	166	60298	4.17	ng	# 73
70) Phenanthrene	11.45	178	206117	15.90	ng	# 90

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

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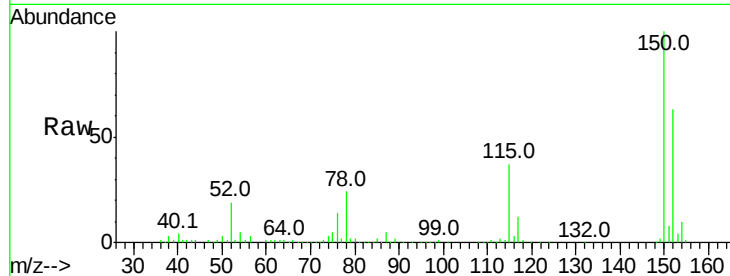


#1

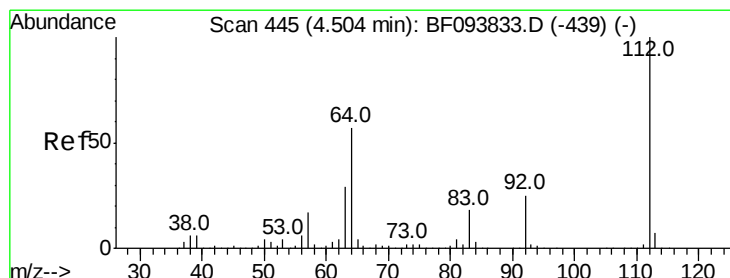
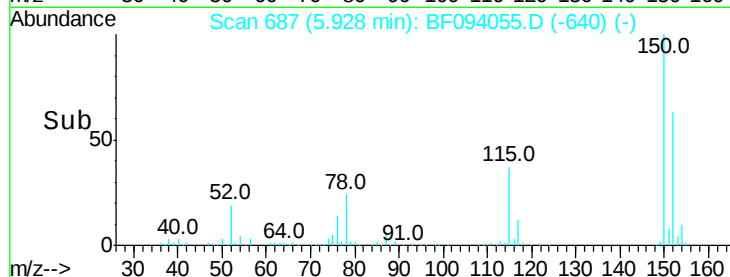
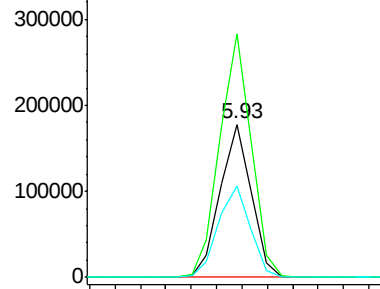
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.93 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Instrument :
BNA_F
ClientSampleId :
PX-11RE

Tot Ion:152 Resp: 153018
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 59.6 52.2 78.2



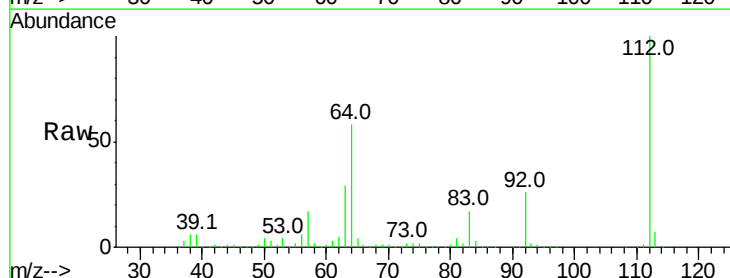
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



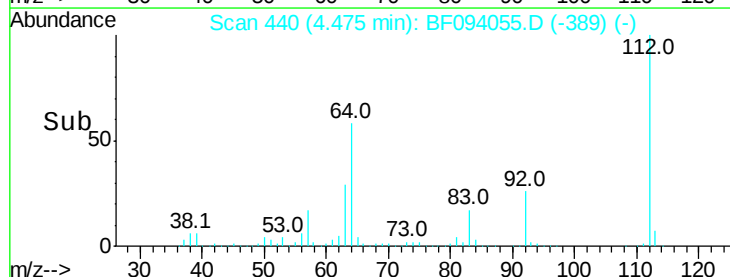
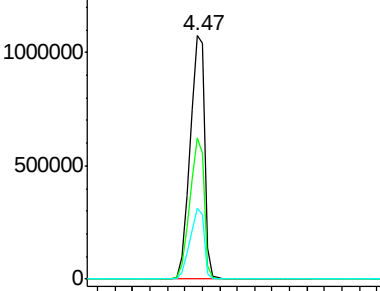
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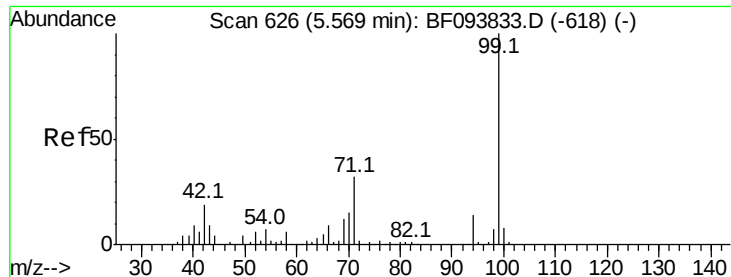
2-Fluorophenol
Concen: 137.24 ng
RT: 4.47 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:112 Resp: 1243310
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.1 23.4 35.0



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: 139.07 ng

RT: 5.56 min Scan# 624

Delta R.T. 0.01 min

Lab File: BF094055.D

Acq: 30 Mar 2017 9:57

Instrument :

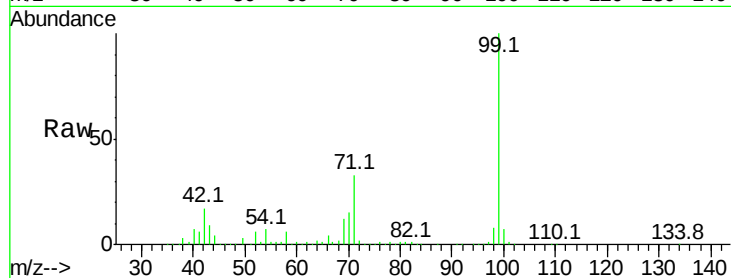
BNA_F

ClientSampleId :

PX-11RE

Tot Ion: 99 Resp: 1558644

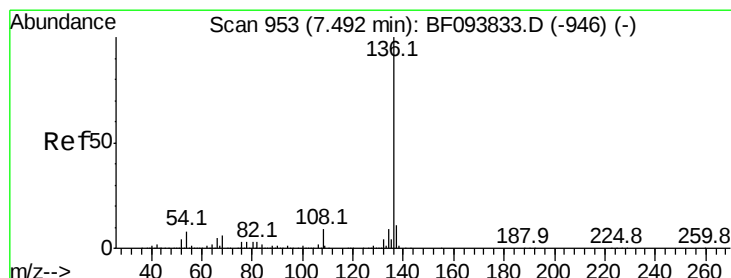
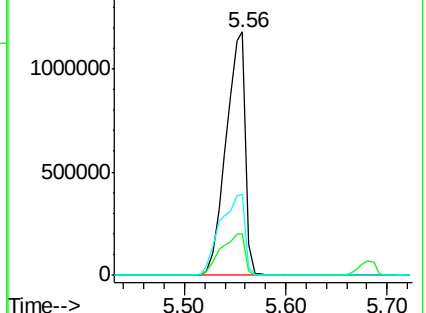
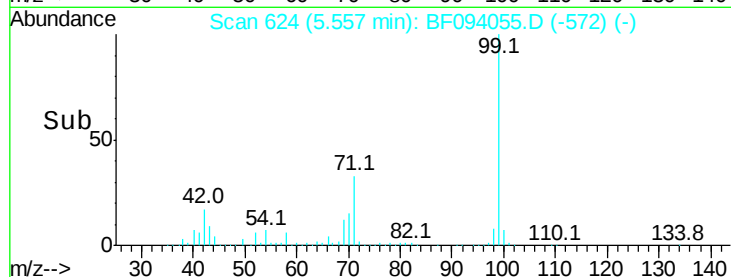
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	33.3	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 943

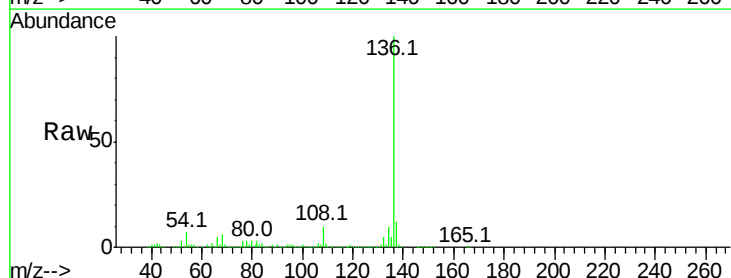
Delta R.T. -0.02 min

Lab File: BF094055.D

Acq: 30 Mar 2017 9:57

Tgt Ion: 136 Resp: 574693

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	6.8	4.9	7.3
68	5.9	4.1	6.1

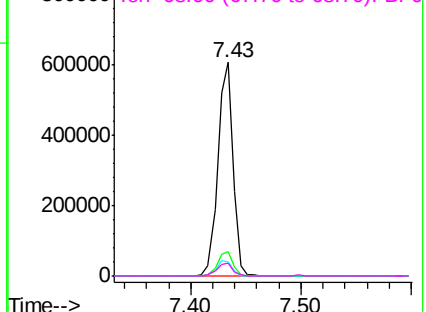
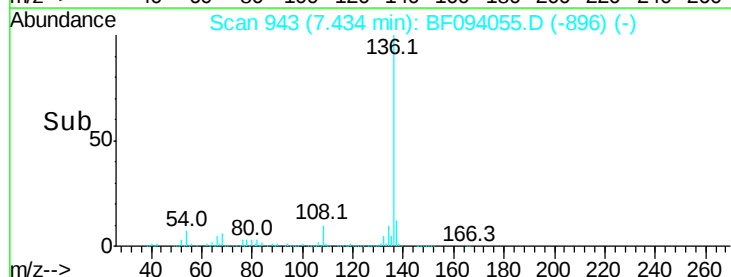


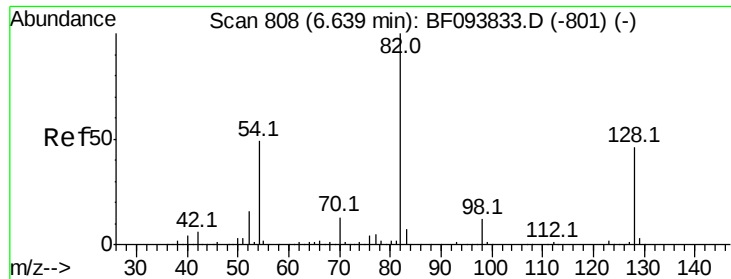
Abundance Ion 136.00 (135.70 to 136.70): E

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

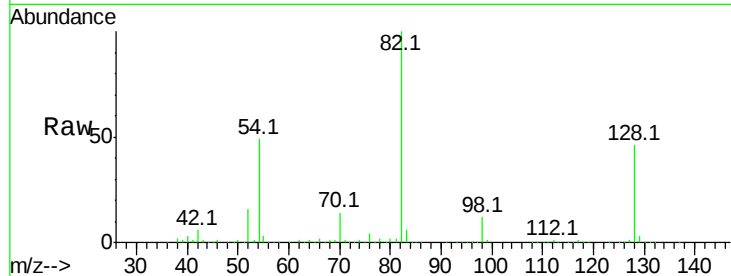




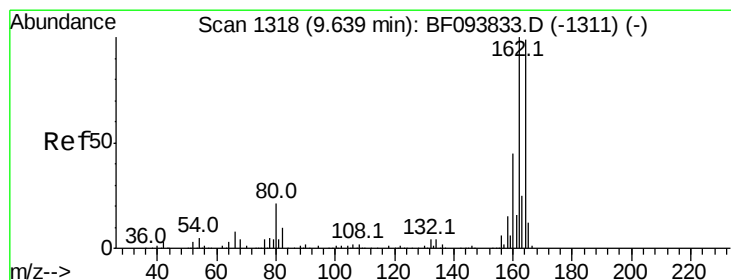
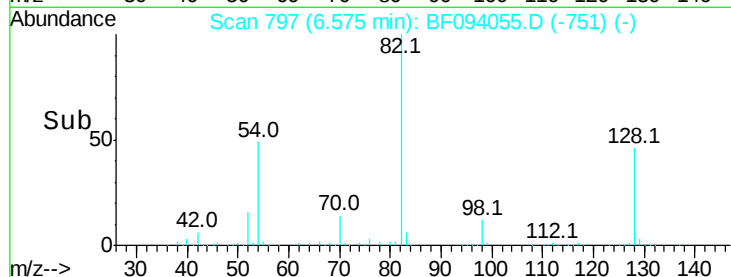
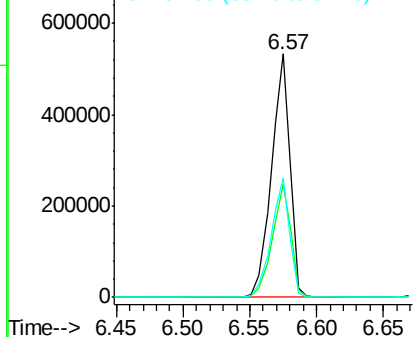
#23
 Nitrobenzene-d5
 Concen: 51.15 ng
 RT: 6.57 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF094055.D
 Acq: 30 Mar 2017 9:57

Instrument :
 BNA_F
 ClientSampleID :
 PX-11RE

Tot Ion: 82 Resp: 515083
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 48.9 42.2 63.2

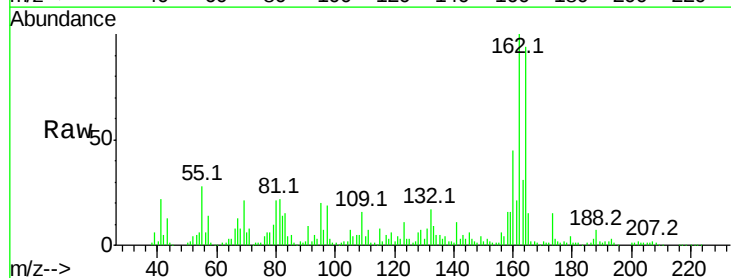


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

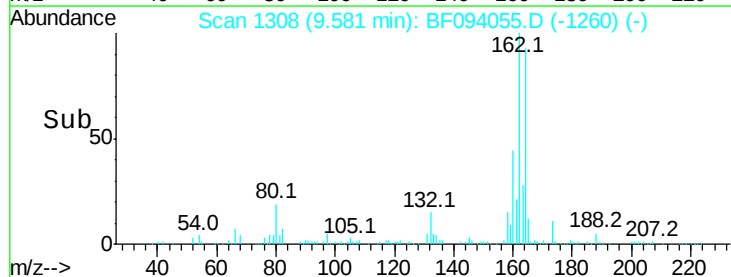
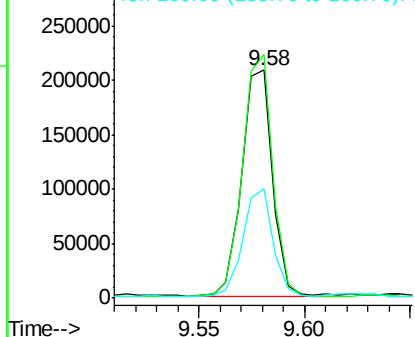


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF094055.D
 Acq: 30 Mar 2017 9:57

Tgt Ion:164 Resp: 209075
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.6 123.8
 160 47.8 36.2 54.2



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

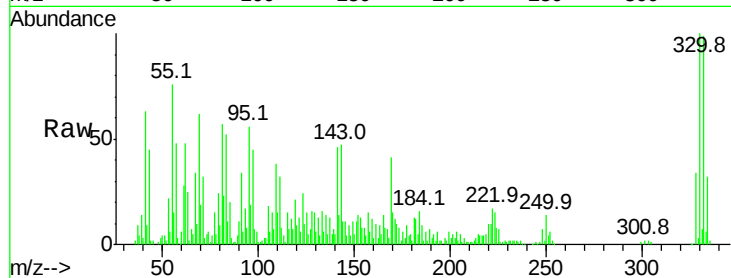




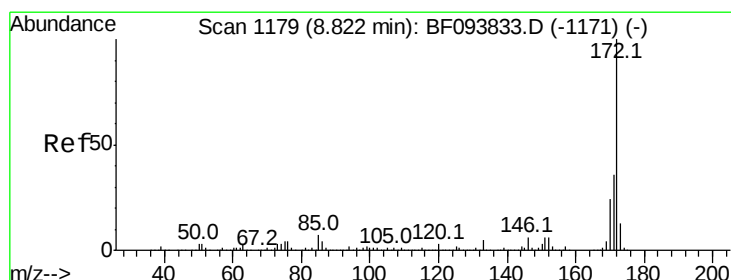
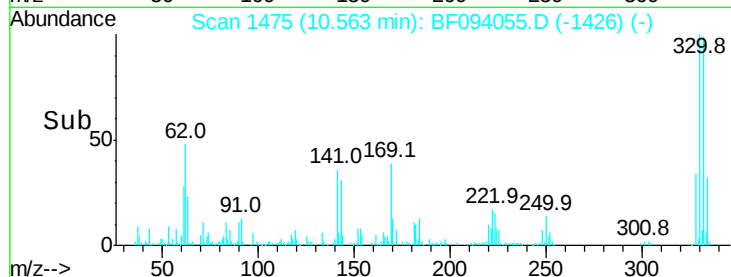
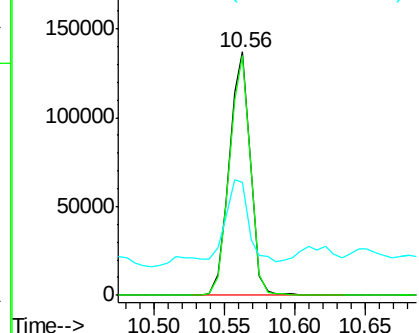
#41
 2,4,6-Tribromophenol
 Concen: 85.96 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF094055.D
 Acq: 30 Mar 2017 9:57

Instrument :
 BNA_F
 ClientSampleId :
 PX-11RE

Tot Ion:330 Resp: 142019
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 35.7 31.4 47.2

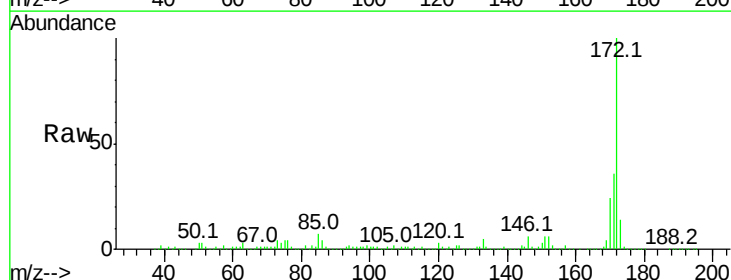


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

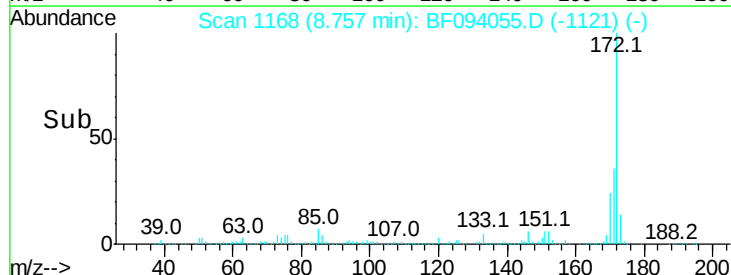
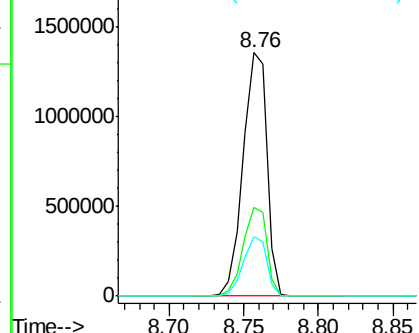


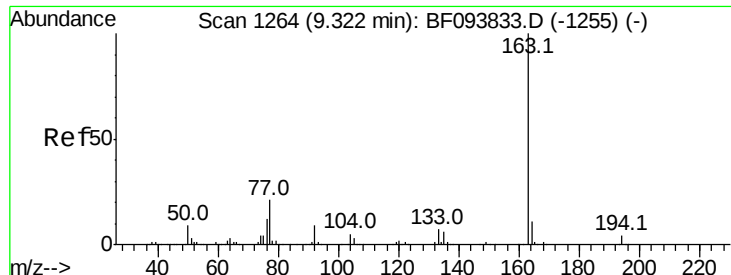
#44
 2-Fluorobiphenyl
 Concen: 110.65 ng
 RT: 8.76 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF094055.D
 Acq: 30 Mar 2017 9:57

Tgt Ion:172 Resp: 1516785
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.4 19.8 29.8



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

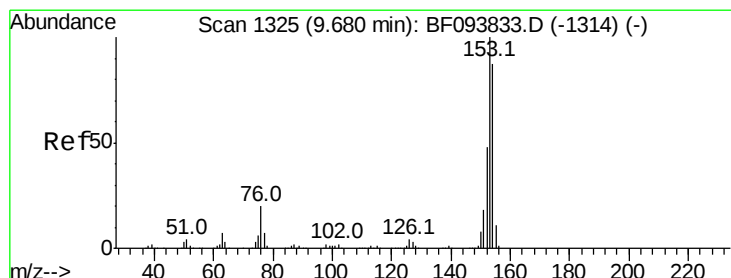
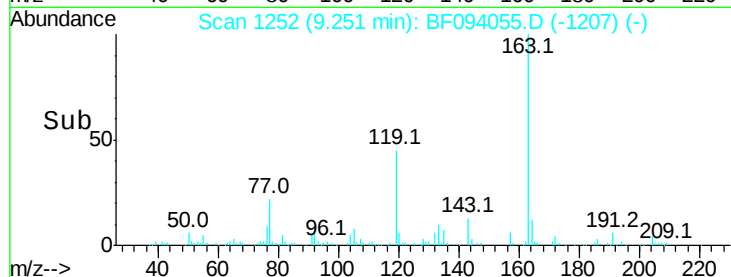
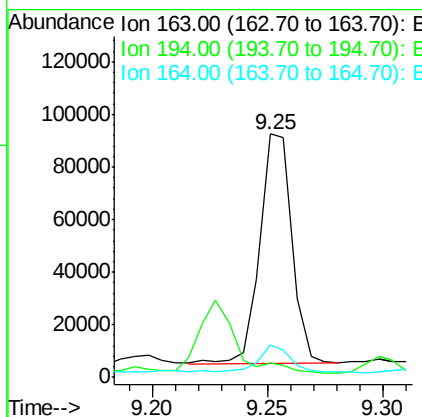
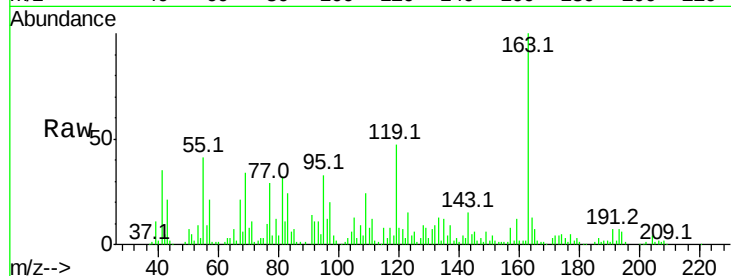




#49
Dimethylphthalate
Concen: 5.73 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.04 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

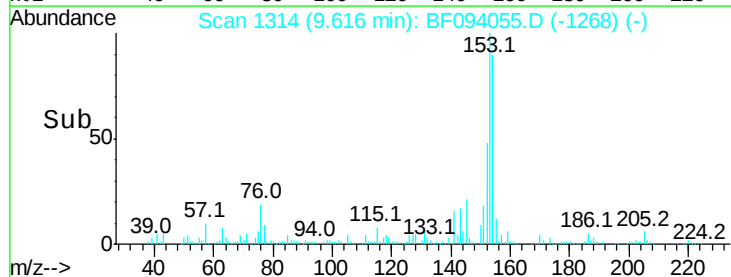
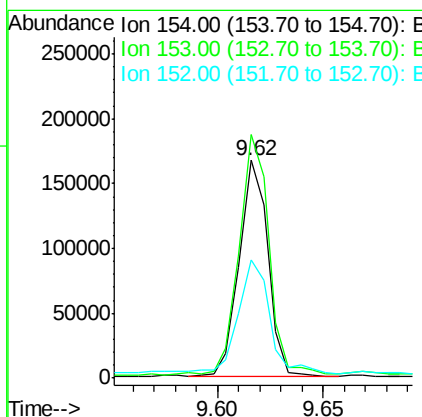
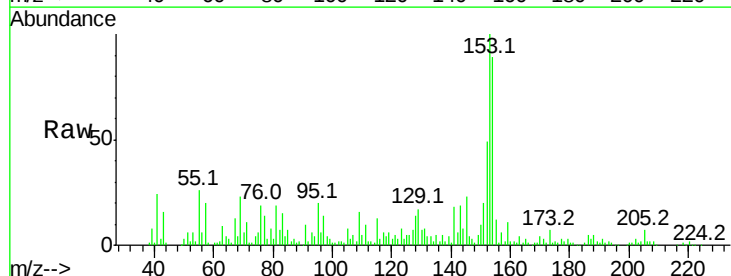
Instrument :
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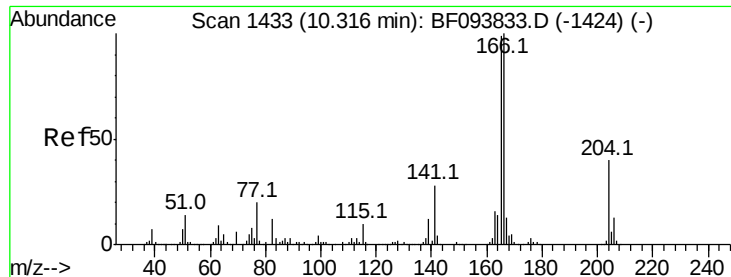
Tot Ion:163 Resp: 85141
Ion Ratio Lower Upper
163 100
194 5.7 2.6 4.0#
164 13.2 8.4 12.6#



#51
Acenaphthene
Concen: 12.18 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:154 Resp: 155955
Ion Ratio Lower Upper
154 100
153 111.8 90.5 135.7
152 54.3 43.6 65.4

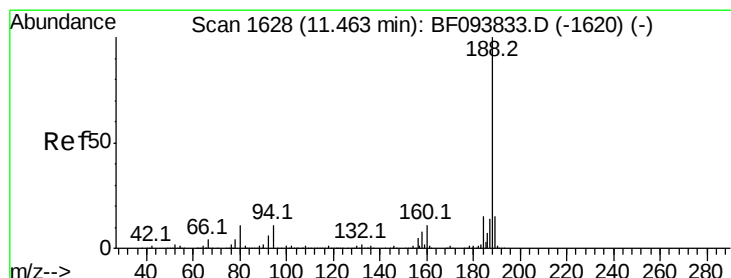
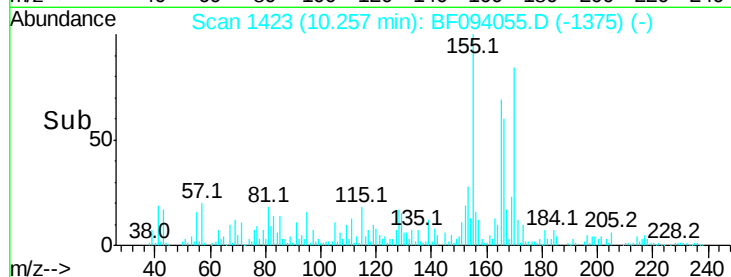
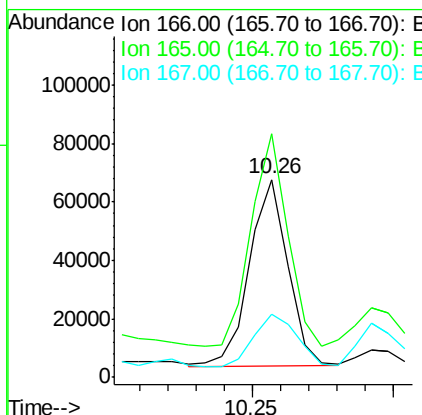
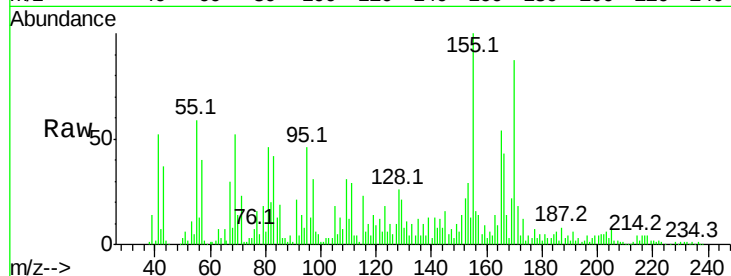




#57
Fluorene
Concen: 4.17 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

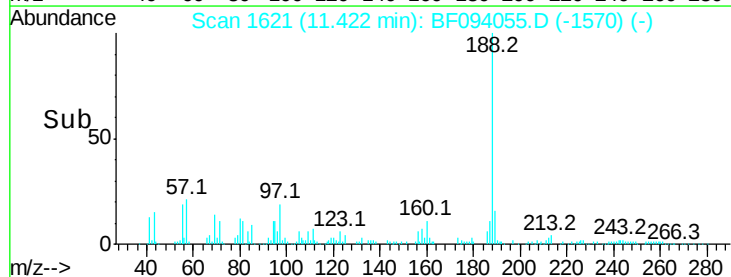
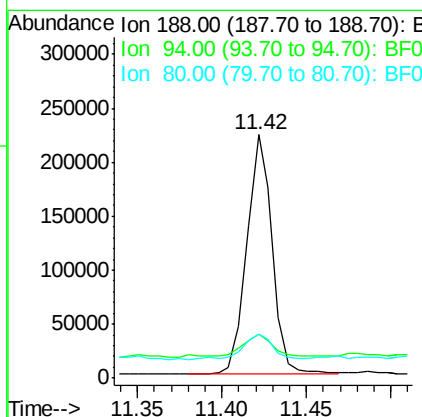
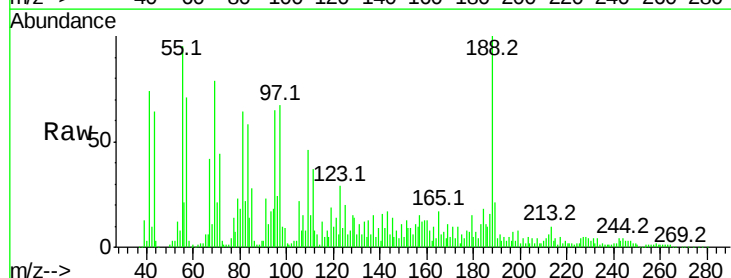
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PX-11RE

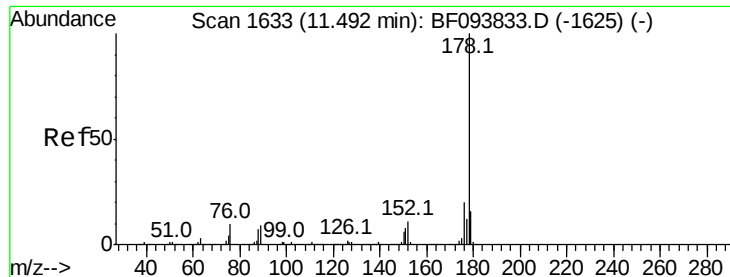
Tot Ion:166 Resp: 60298
Ion Ratio Lower Upper
166 100
165 123.1 78.8 118.2#
167 32.0 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:188 Resp: 233082
Ion Ratio Lower Upper
188 100
94 18.1 9.4 14.2#
80 18.1 10.2 15.2#

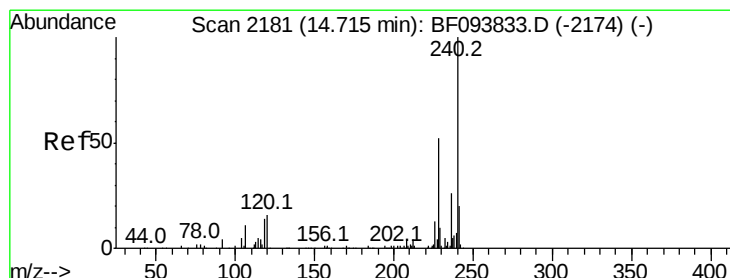
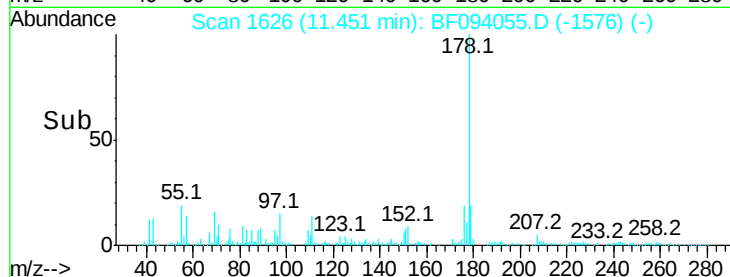
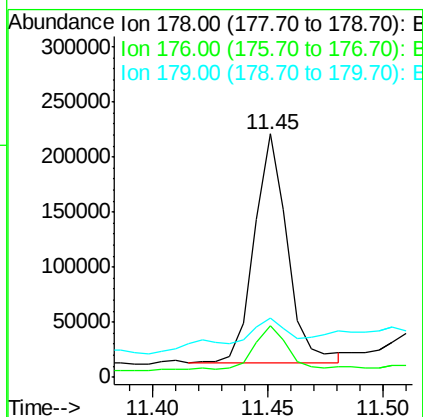
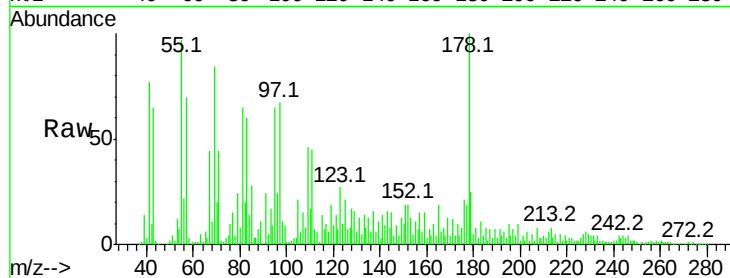




#70
Phenanthrene
Concen: 15.90 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

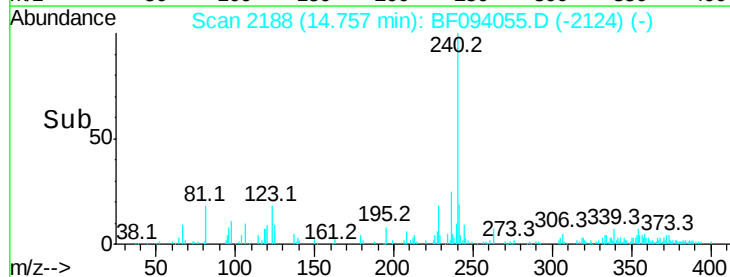
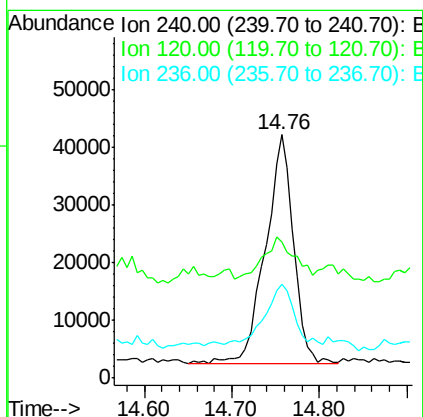
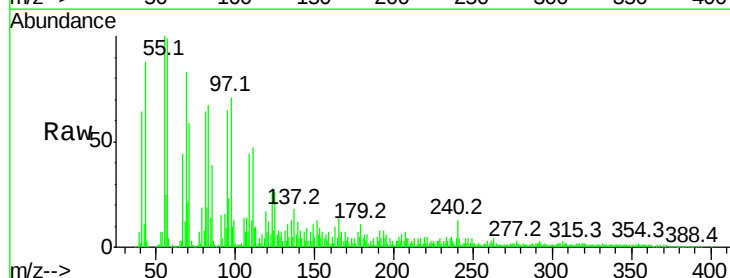
Instrument :
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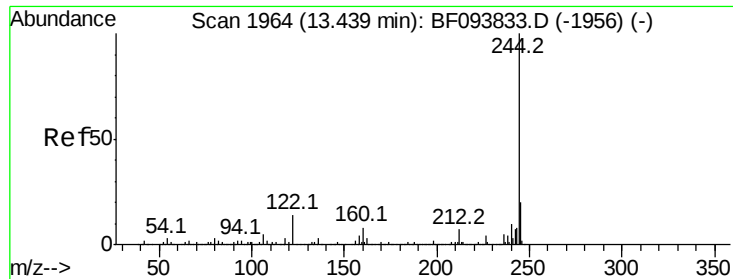
Tot Ion:178 Resp: 206117
Ion Ratio Lower Upper
178 100
176 21.4 16.2 24.4
179 24.5 12.6 19.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.76 min Scan# 2188
Delta R.T. 0.08 min
Lab File: BF094055.D
Acq: 30 Mar 2017 9:57

Tgt Ion:240 Resp: 88687
Ion Ratio Lower Upper
240 100
120 55.8 5.8 8.8#
236 38.4 20.5 30.7#





#78

Terphenyl-d14

Concen: 100.49 ng

RT: 13.44 min Scan# 1965

Delta R.T. 0.04 min

Lab File: BF094055.D

Acq: 30 Mar 2017 9:57

Instrument :

BNA_F

ClientSampleId :

PX-11RE

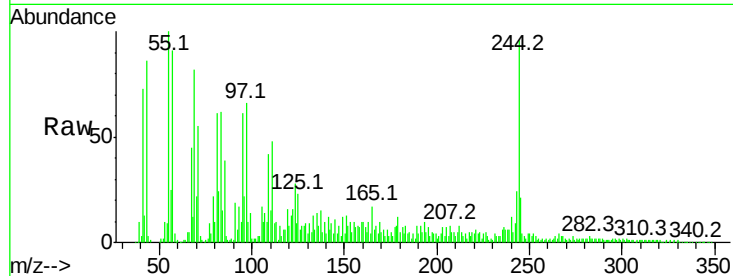
Tot Ion:244 Resp: 397602

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

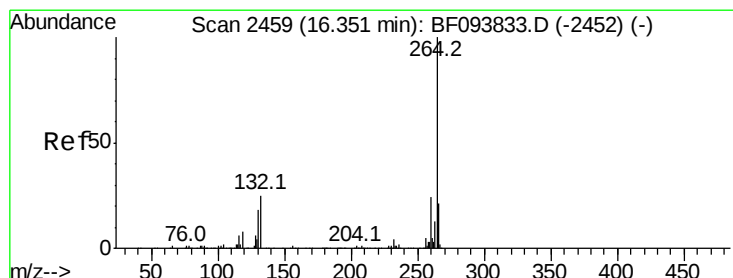
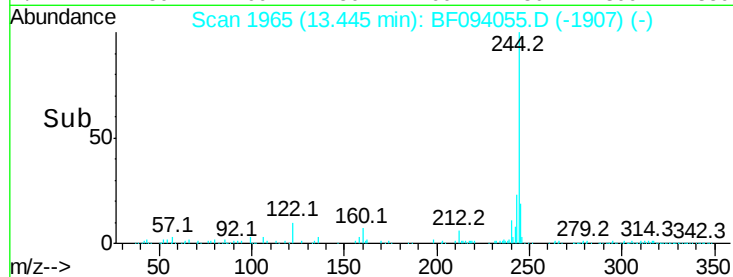
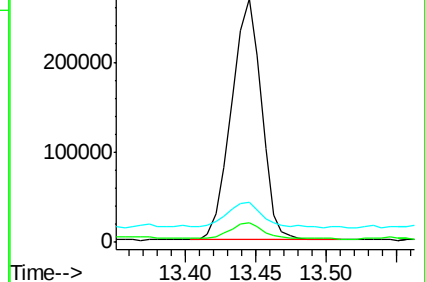
122 16.4 10.3 15.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.41 min Scan# 2469

Delta R.T. 0.10 min

Lab File: BF094055.D

Acq: 30 Mar 2017 9:57

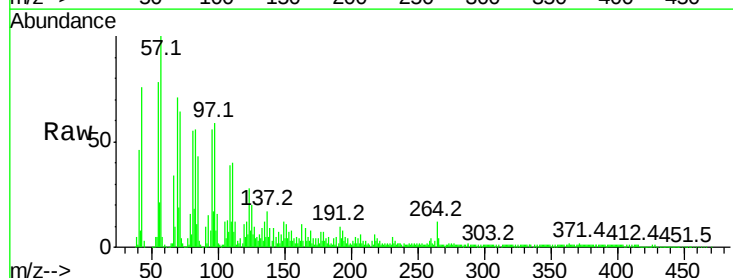
Tgt Ion:264 Resp: 66327

Ion Ratio Lower Upper

264 100

260 33.2 19.5 29.3#

265 28.9 17.2 25.8#



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

