

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085940.D
 Acq On : 31 Mar 2016 21:17
 Operator : UM/SJ
 Sample : H1976-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Apr 01 00:19:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

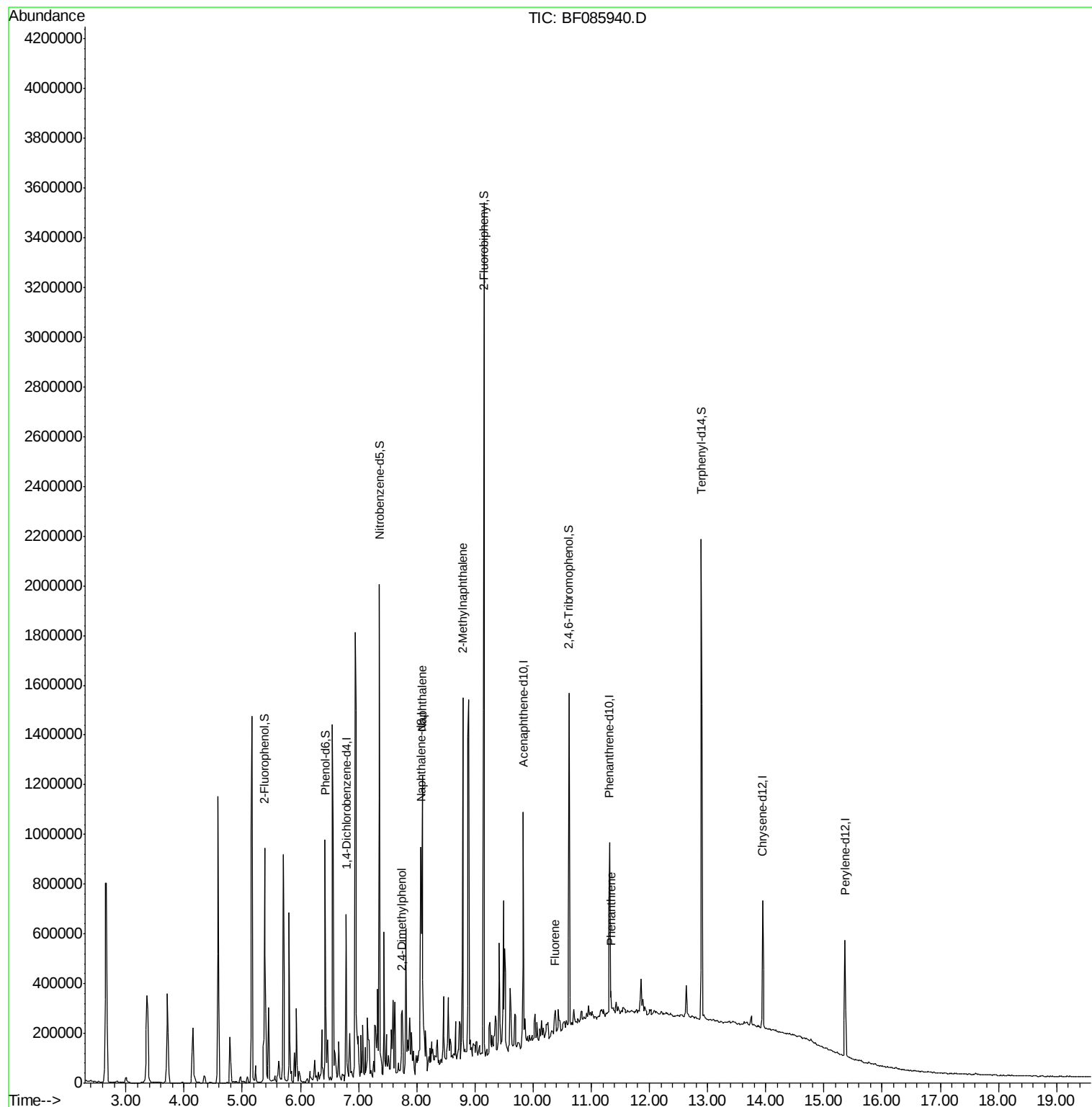
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106746	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	411990	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192814	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	314175	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	200869	20.00	ng	-0.02
86) Perylene-d12	15.36	264	201178	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	300510	46.88	ng	-0.01
7) Phenol-d6	6.42	99	366247	44.94	ng	-0.02
23) Nitrobenzene-d5	7.36	82	729918	99.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	161531	88.17	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1154315	100.02	ng	-0.01
78) Terphenyl-d14	12.89	244	810373	82.97	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.74	122	41813	6.34	ng	98
31) Naphthalene	8.09	128	455472	21.94	ng	99
37) 2-Methylnaphthalene	8.79	142	398788	30.42	ng	99
57) Fluorene	10.38	166	31380	2.45	ng	# 97
70) Phenanthrene	11.34	178	33213	2.06	ng	95

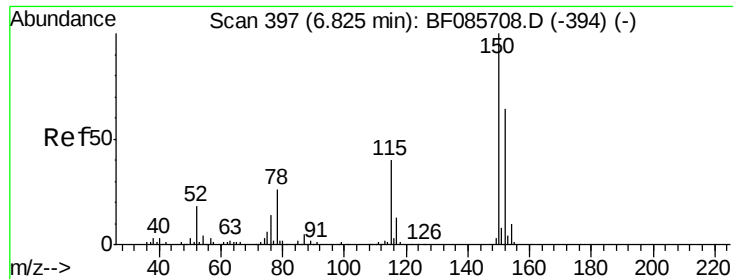
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085940.D
Acq On : 31 Mar 2016 21:17
Operator : UM/SJ
Sample : H1976-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-9

Quant Time: Apr 01 00:19:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration



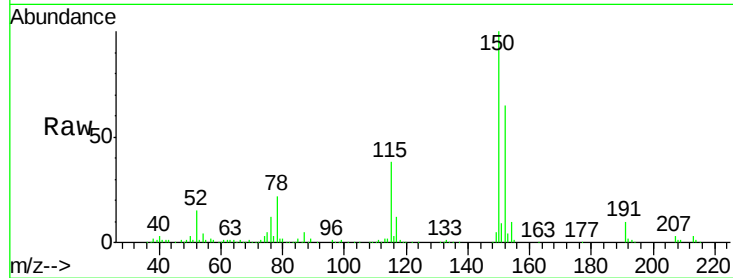


#1

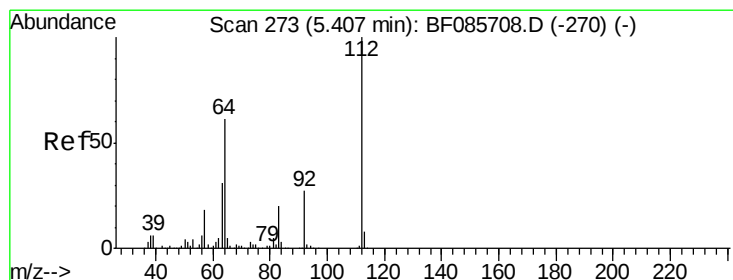
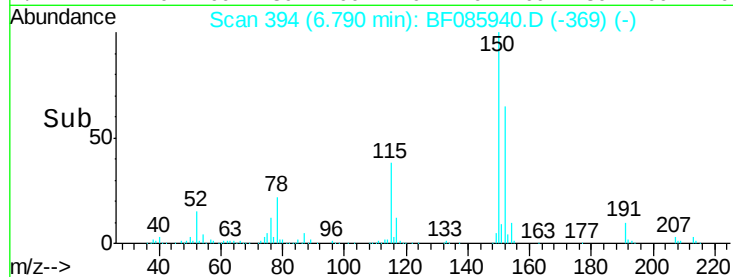
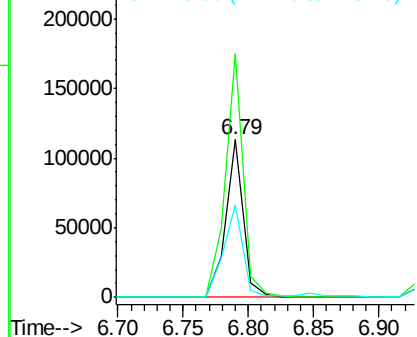
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 394
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:152 Resp: 106746
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.2 186.2
 115 58.6 47.0 70.6



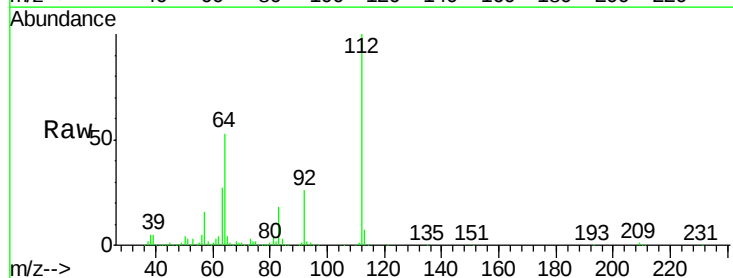
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



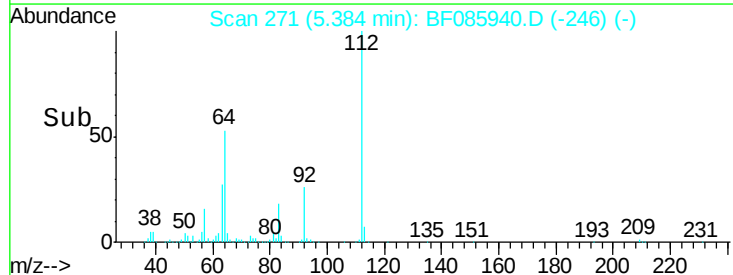
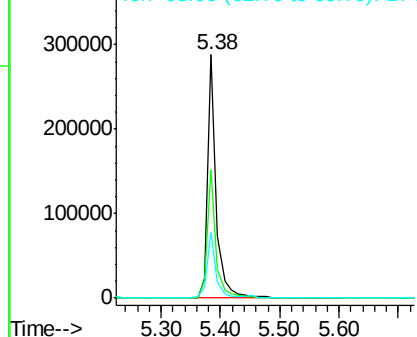
#5

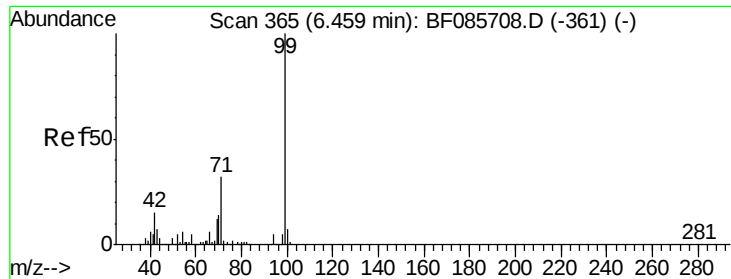
2-Fluorophenol
 Concen: 46.88 ng
 RT: 5.38 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Tgt Ion:112 Resp: 300510
 Ion Ratio Lower Upper
 112 100
 64 52.7 39.9 59.9
 63 27.1 20.2 30.2



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: 44.94 ng

RT: 6.42 min Scan# 362

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

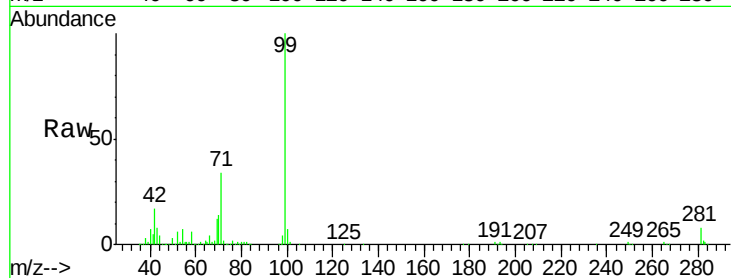
Tgt Ion: 99 Resp: 366247

Ion Ratio Lower Upper

99 100

42 16.7 11.1 16.7

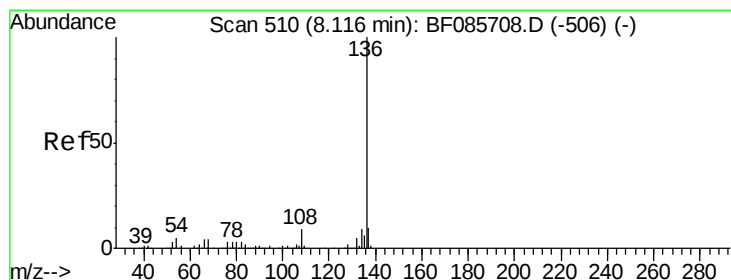
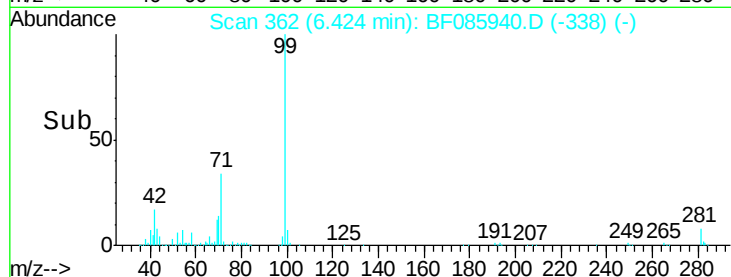
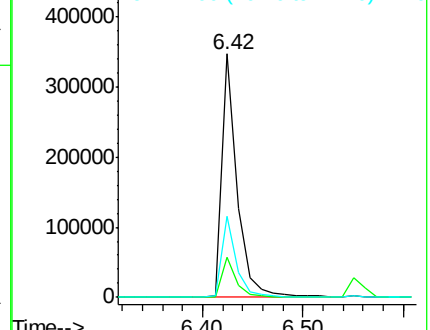
71 33.5 24.9 37.3



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: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Tgt Ion: 136 Resp: 411990

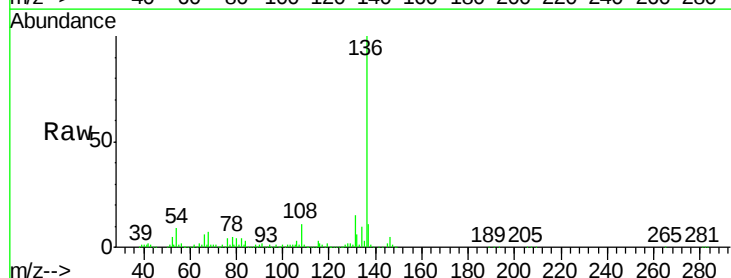
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.5 7.4 11.0

68 7.2 5.8 8.8

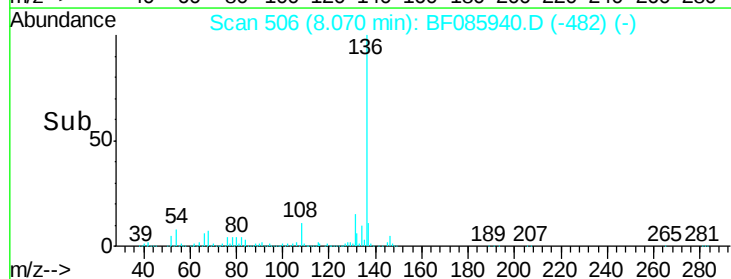
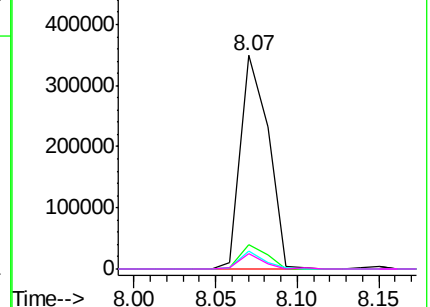


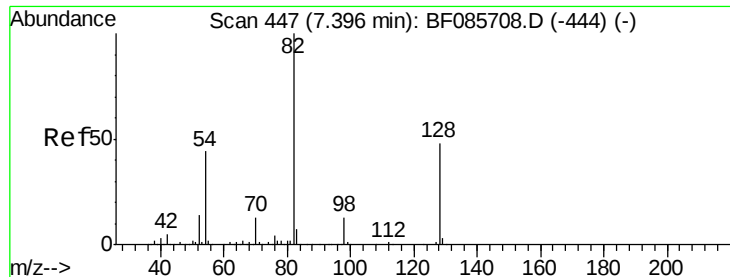
Abundance Ion 136.00 (135.70 to 136.70): E

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

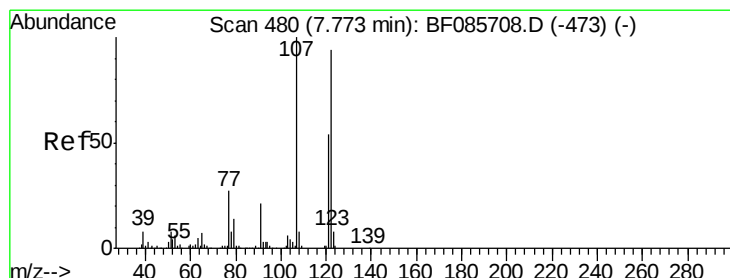
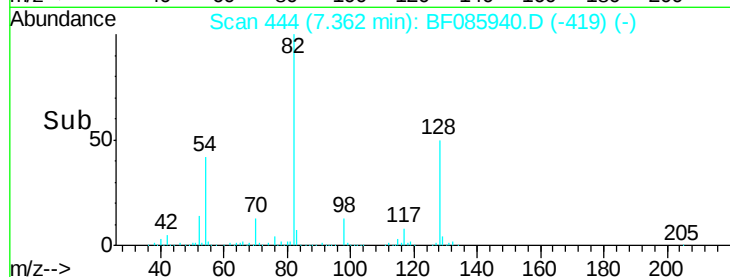
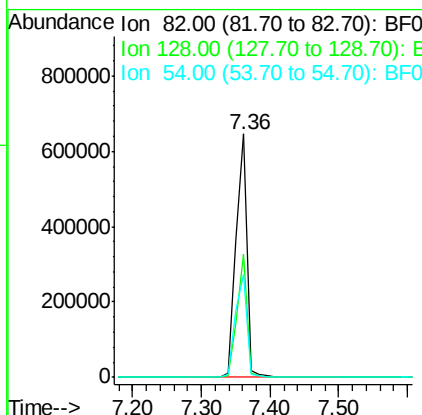
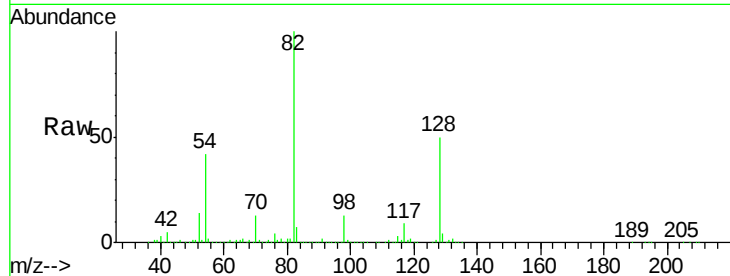




#23
 Nitrobenzene-d5
 Concen: 99.77 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

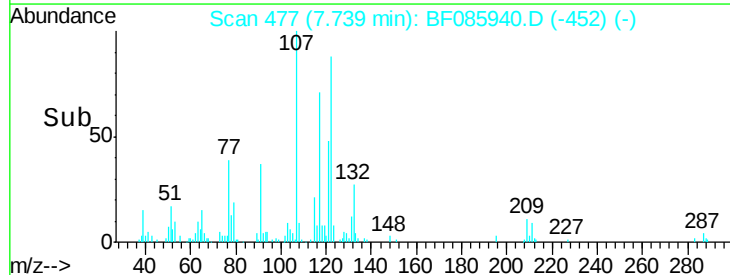
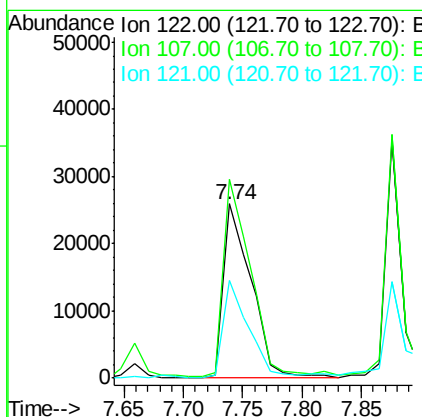
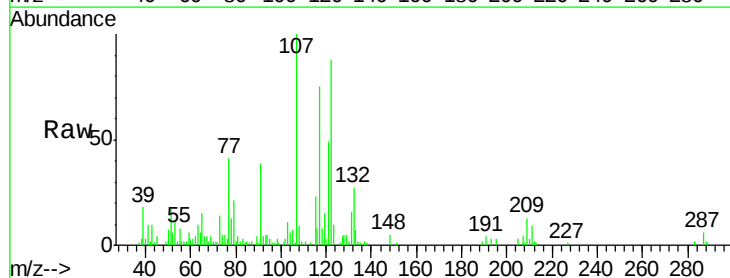
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

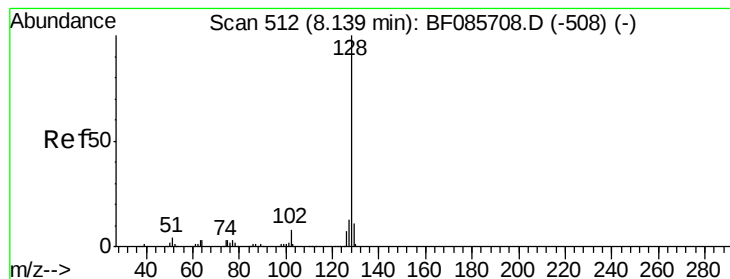
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.4	41.8	62.8
54	42.5	33.4	50.0



#27
 2,4-Dimethylphenol
 Concen: 6.34 ng
 RT: 7.74 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF085940.D
 Acq: 31 Mar 2016 21:17

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.9	93.0	139.6
121	56.3	45.9	68.9





#31

Naphthalene

Concen: 21.94 ng

RT: 8.09 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

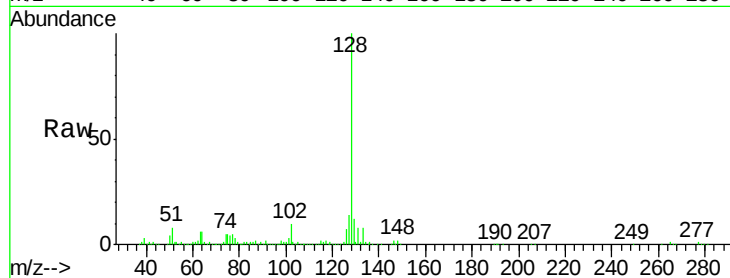
Tgt Ion:128 Resp: 455472

Ion Ratio Lower Upper

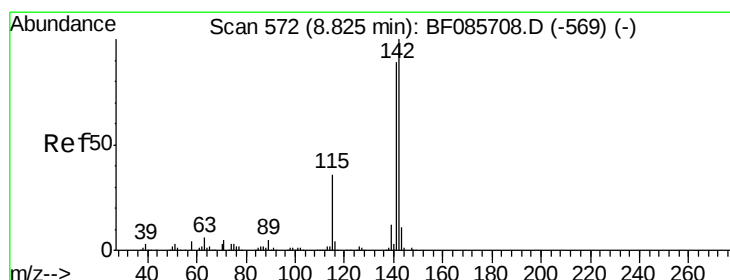
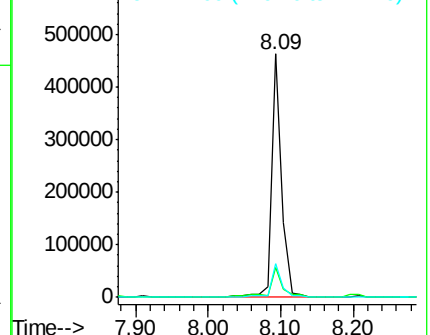
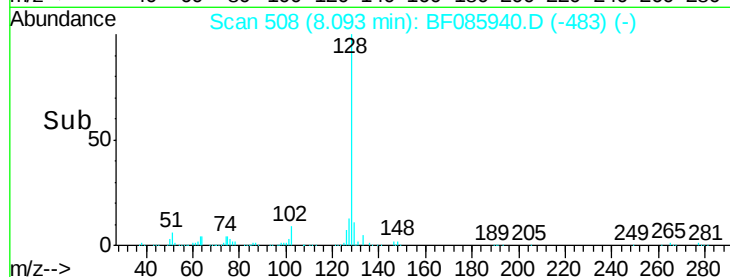
128 100

129 12.4 9.4 14.0

127 13.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 30.42 ng

RT: 8.79 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

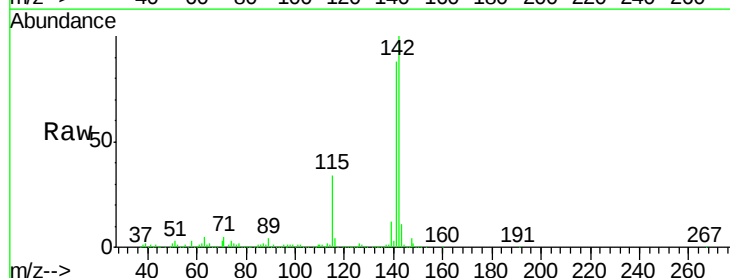
Tgt Ion:142 Resp: 398788

Ion Ratio Lower Upper

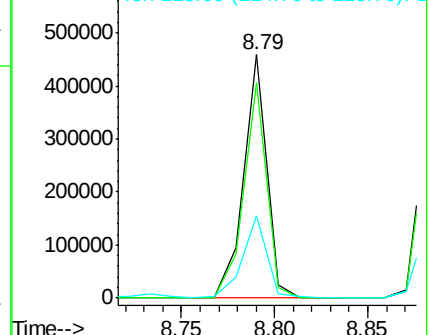
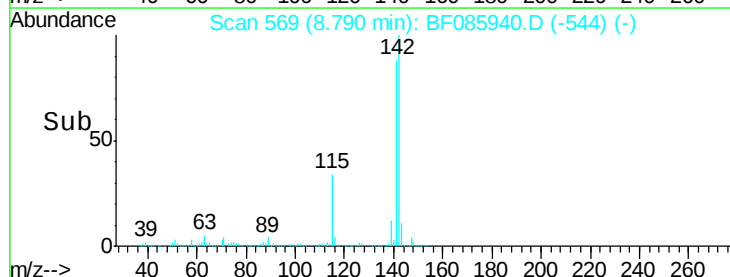
142 100

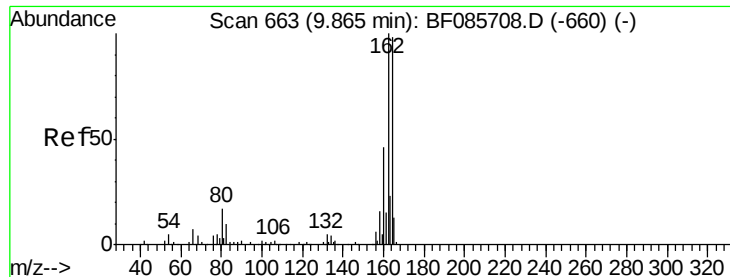
141 88.4 71.6 107.4

115 34.0 26.8 40.2



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: 20.00 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

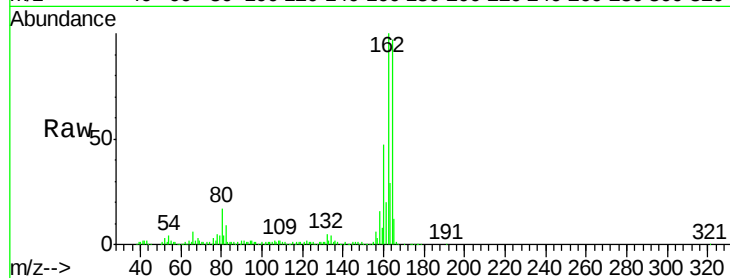
Tgt Ion:164 Resp: 192814

Ion Ratio Lower Upper

164 100

162 103.3 82.1 123.1

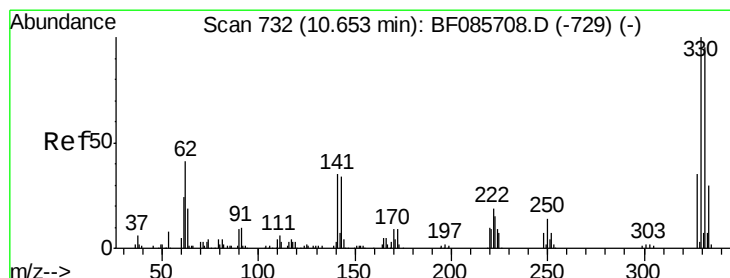
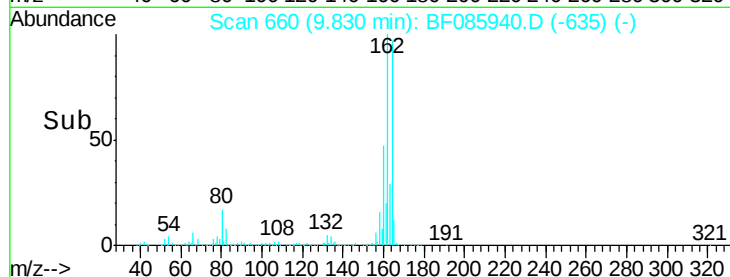
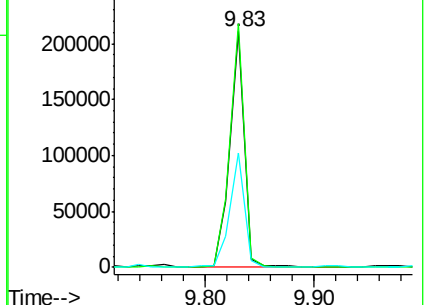
160 48.6 37.4 56.2



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: 88.17 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

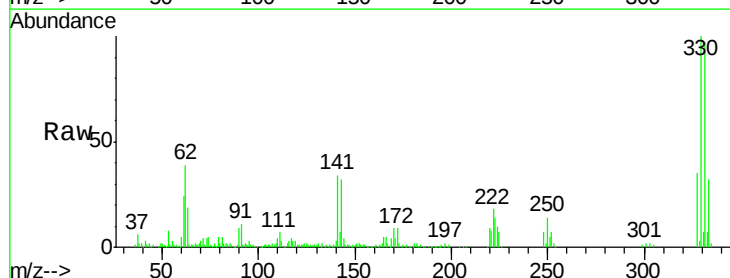
Tgt Ion:330 Resp: 161531

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

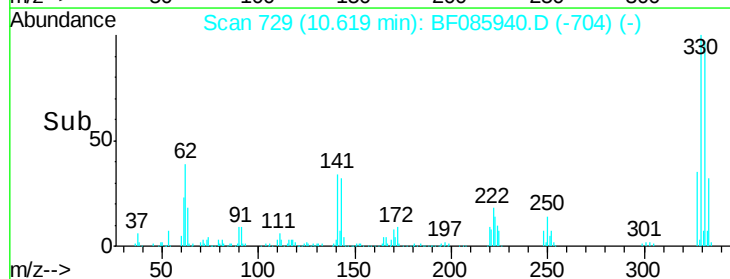
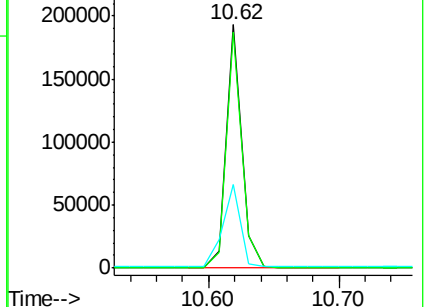
141 38.9 31.5 47.3

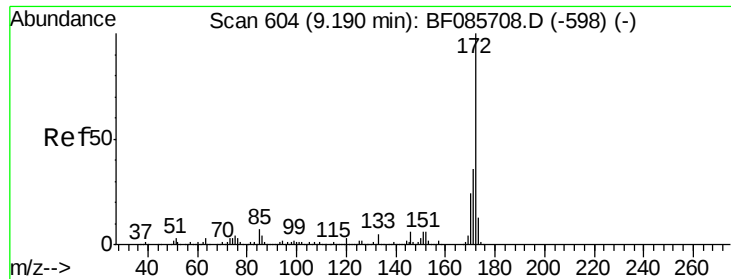


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 100.02 ng

RT: 9.16 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

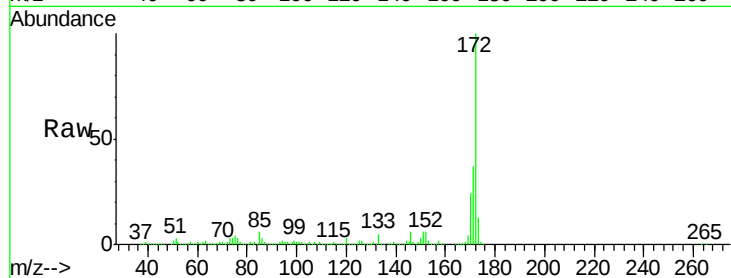
Tgt Ion:172 Resp: 1154315

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

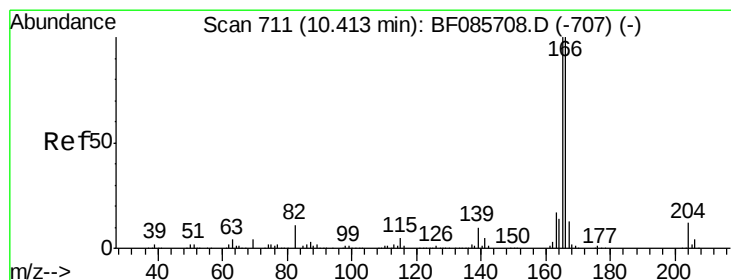
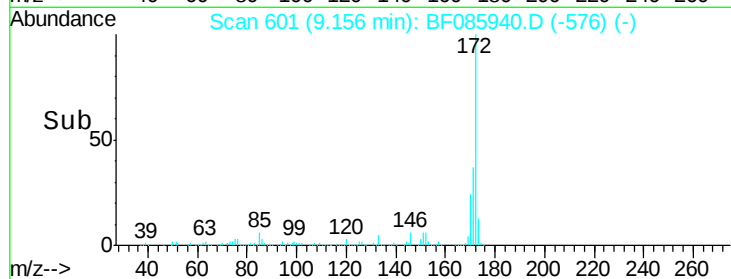
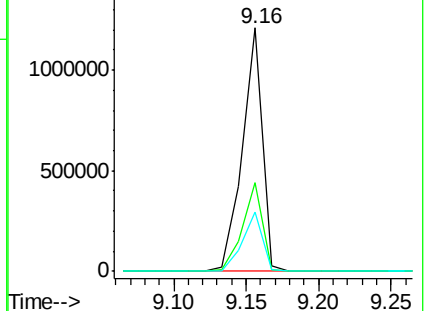
170 24.4 19.8 29.6



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



#57

Fluorene

Concen: 2.45 ng

RT: 10.38 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

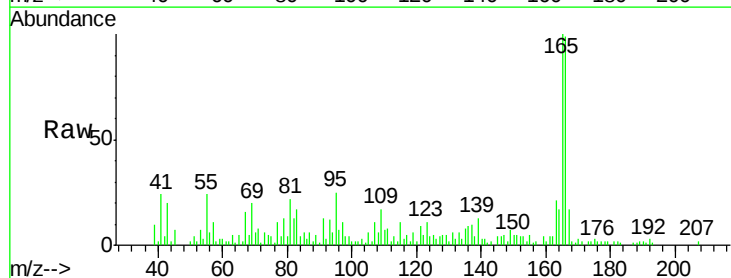
Tgt Ion:166 Resp: 31380

Ion Ratio Lower Upper

166 100

165 101.5 79.4 119.0

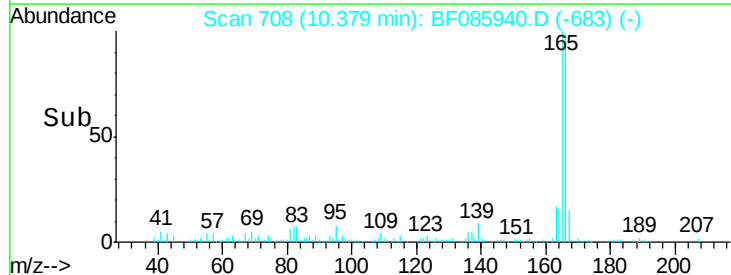
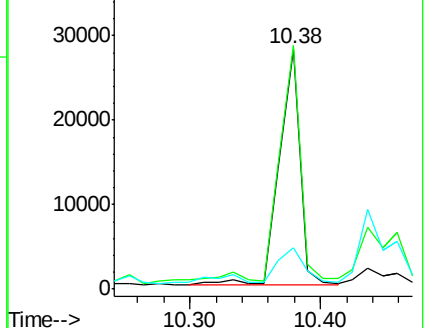
167 17.3 11.0 16.4#

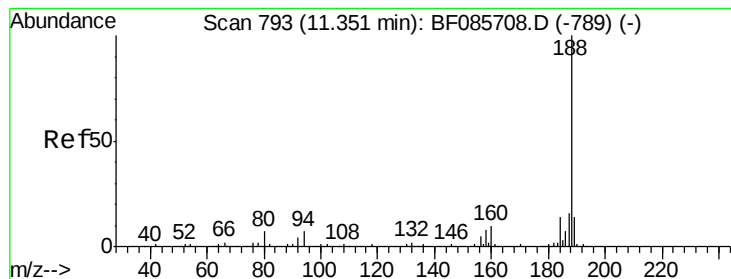


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

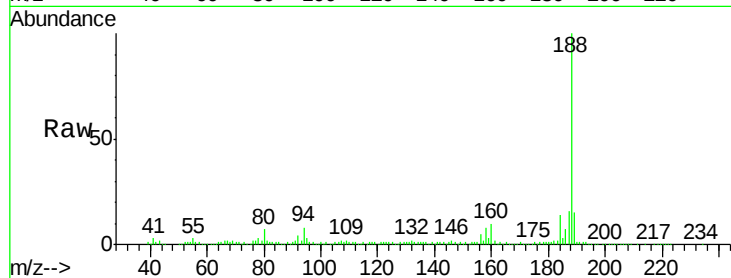
Tgt Ion:188 Resp: 314175

Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.0

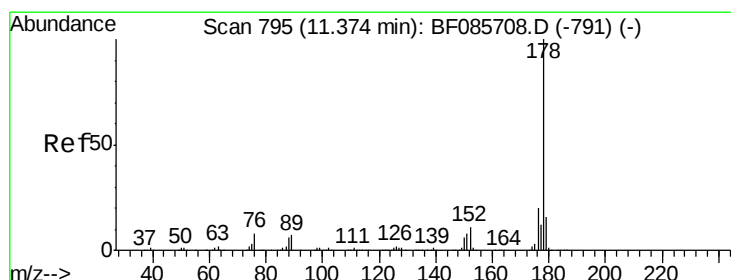
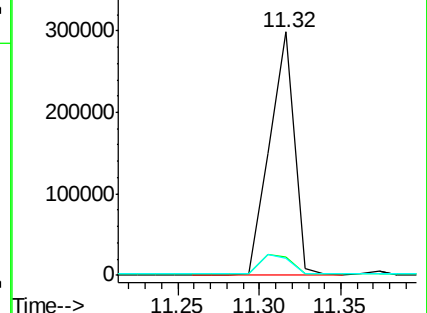
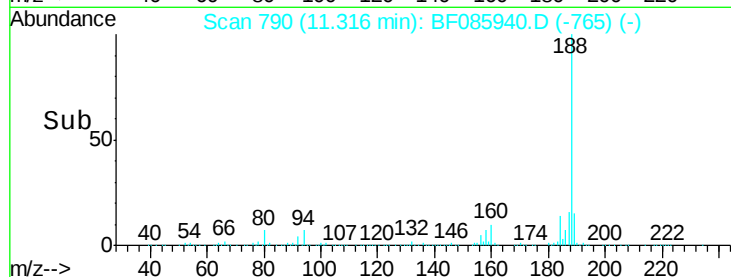
80 7.1 5.5 8.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.06 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

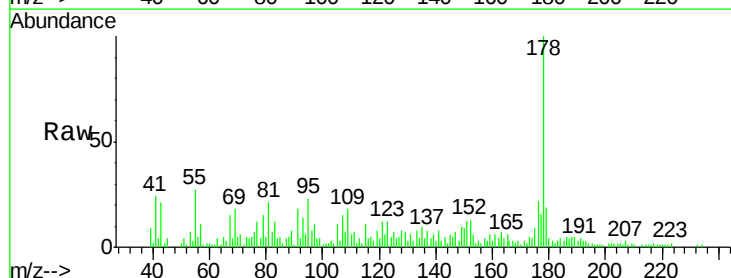
Tgt Ion:178 Resp: 33213

Ion Ratio Lower Upper

178 100

176 21.5 16.3 24.5

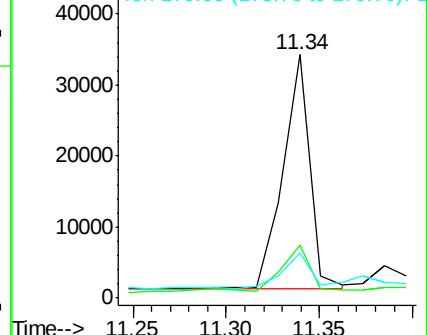
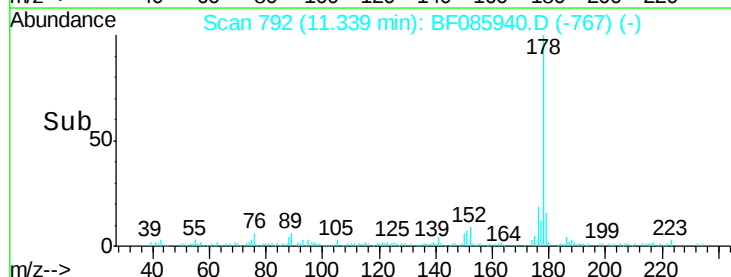
179 18.8 12.6 18.8

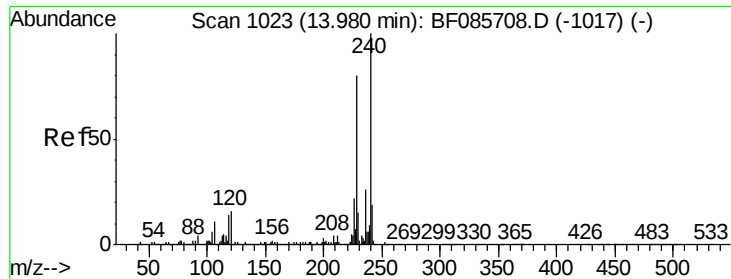


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

Instrument :

BNA_F

ClientSampleId :

MW-9

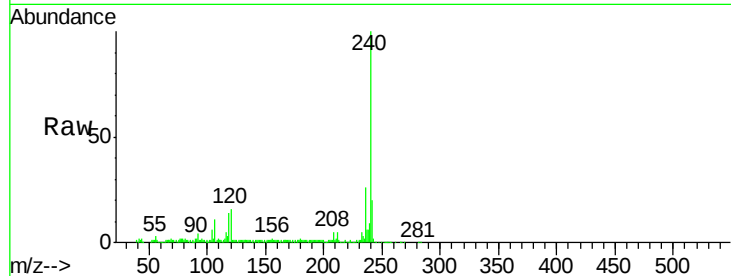
Tgt Ion:240 Resp: 200869

Ion Ratio Lower Upper

240 100

120 16.3 13.8 20.8

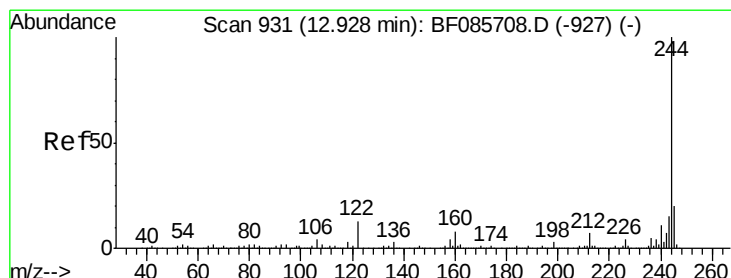
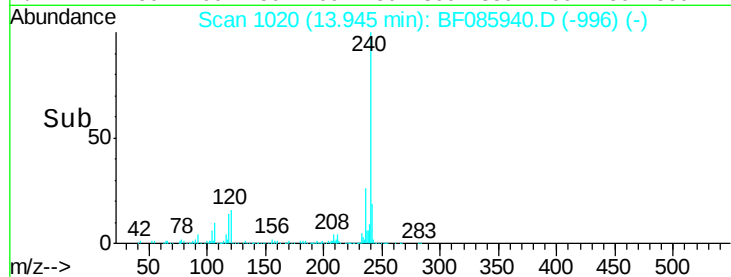
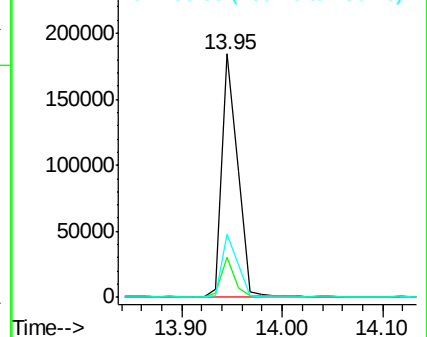
236 26.1 20.6 30.8



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



#78

Terphenyl-d14

Concen: 82.97 ng

RT: 12.89 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF085940.D

Acq: 31 Mar 2016 21:17

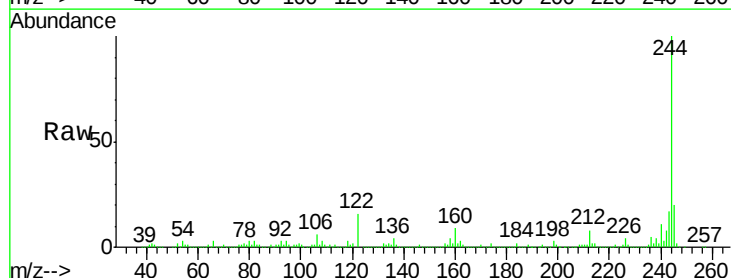
Tgt Ion:244 Resp: 810373

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

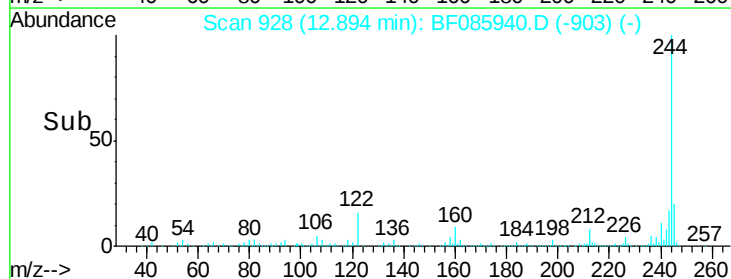
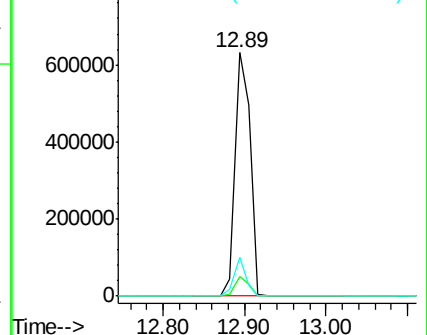
122 16.0 10.2 15.4#

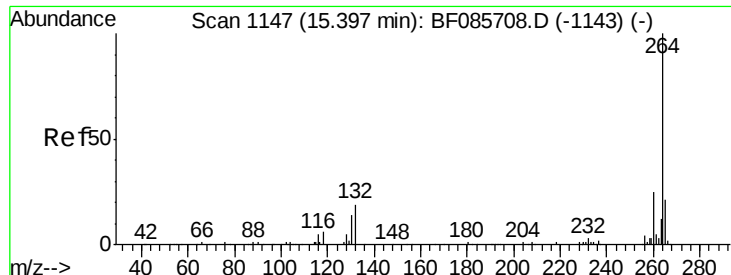


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

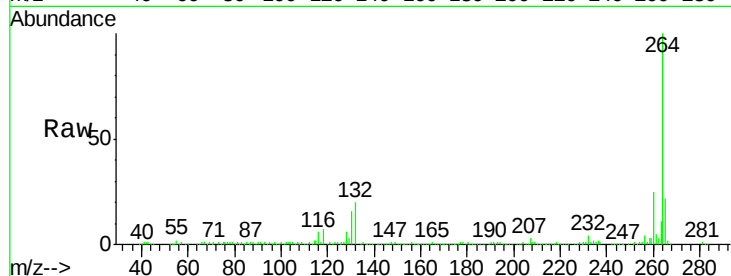




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF085940.D
Acq: 31 Mar 2016 21:17

Instrument :
BNA_F
ClientSampleId :
MW-9

Tgt Ion: 264 Resp: 201178
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.7 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

