

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088116.D
 Acq On : 18 Jun 2016 3:06
 Operator : UM/SJ
 Sample : H3542-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Jun 18 04:02:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

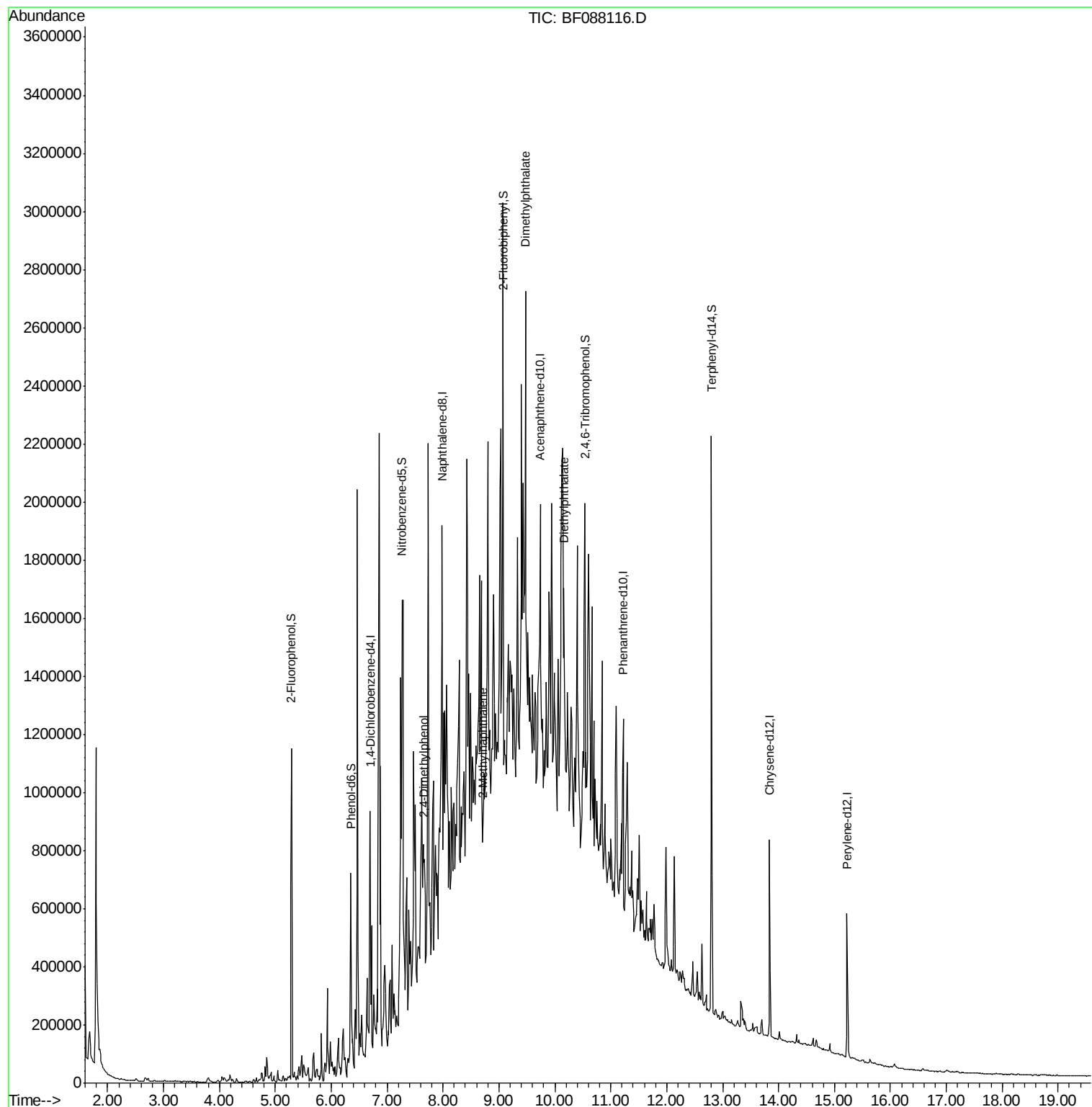
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110064	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	378830	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	160732	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	319463	20.00	ng	0.01
75) Chrysene-d12	13.84	240	238706	20.00	ng	-0.01
86) Perylene-d12	15.22	264	212516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	428863	66.61	ng	0.01
7) Phenol-d6	6.35	99	349175	44.75	ng	0.00
23) Nitrobenzene-d5	7.27	82	559892	86.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	198220	116.80	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	932613	91.58	ng	0.00
78) Terphenyl-d14	12.80	244	719633	68.60	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.66	122	58303	9.41	ng	Qvalue 91
37) 2-Methylnaphthalene	8.71	142	30360	2.46	ng	# 86
49) Dimethylphthalate	9.47	163	100794	8.66	ng	# 93
59) Diethylphthalate	10.16	149	132678	11.26	ng	# 53

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Instrument :

BNA_F

ClientSampleId :

MW-27

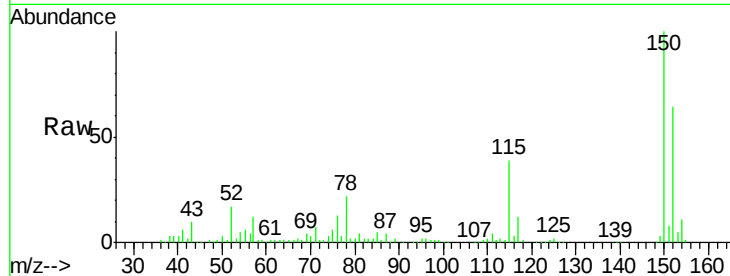
Tot Ion:152 Resp: 110064

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

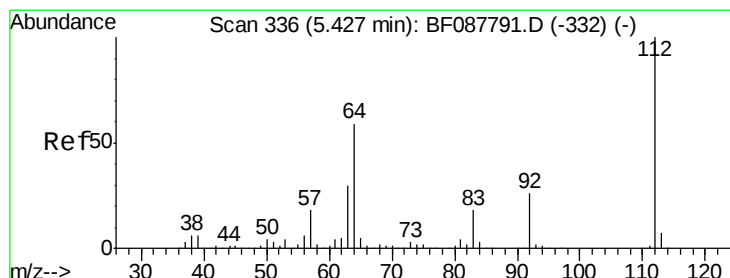
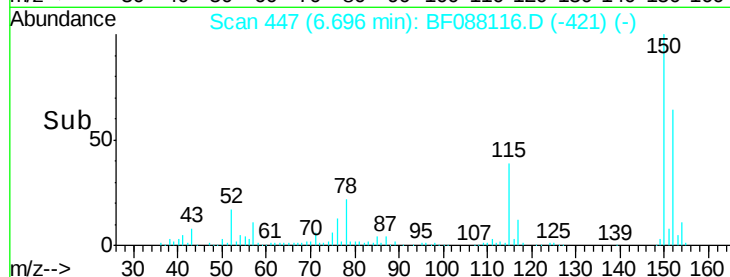
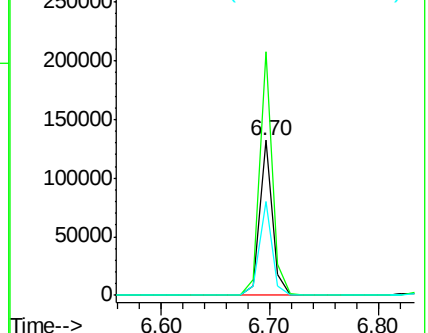
115 60.7 39.6 59.4#



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: 66.61 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

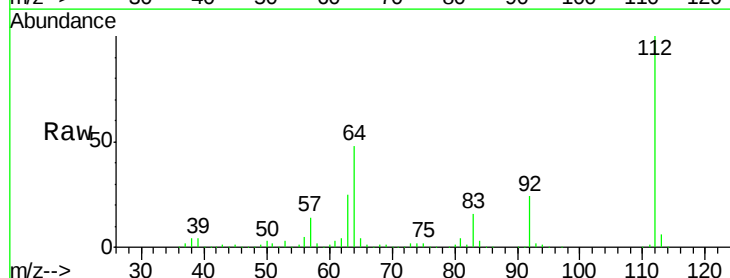
Tgt Ion:112 Resp: 428863

Ion Ratio Lower Upper

112 100

64 48.5 42.2 63.2

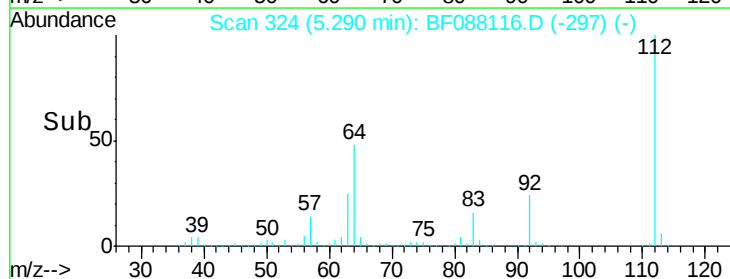
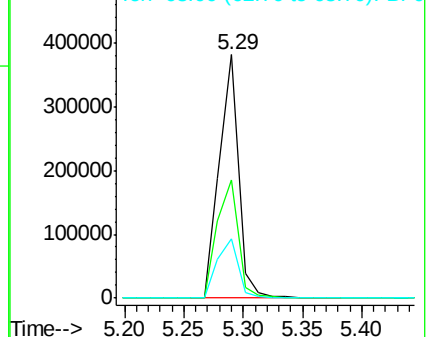
63 24.6 21.8 32.8



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: 44.75 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Instrument :

BNA_F

ClientSampleId :

MW-27

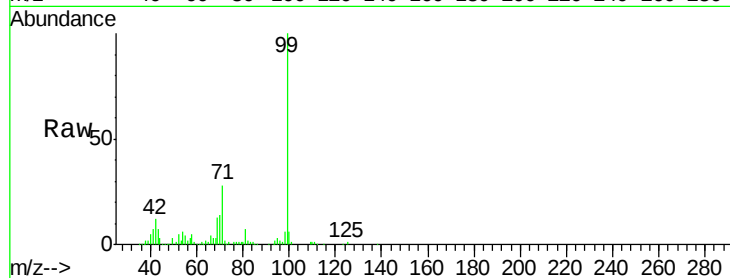
Tot Ion: 99 Resp: 349175

Ion Ratio Lower Upper

99 100

42 12.5 12.2 18.2

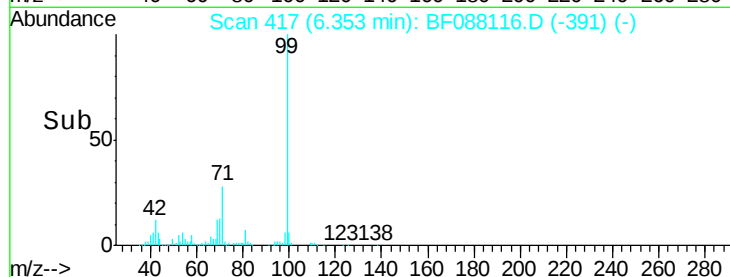
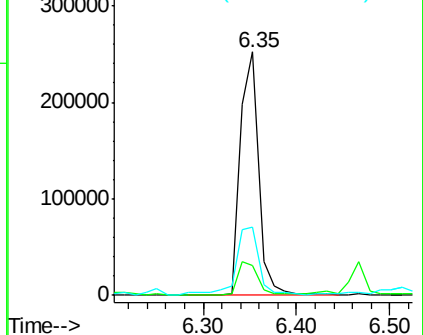
71 28.3 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Tgt Ion: 136 Resp: 378830

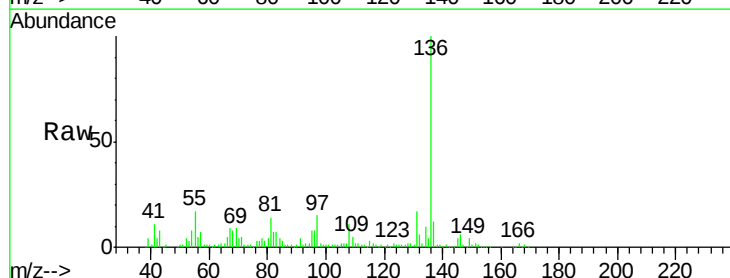
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.1 6.6 10.0

68 7.8 5.1 7.7#

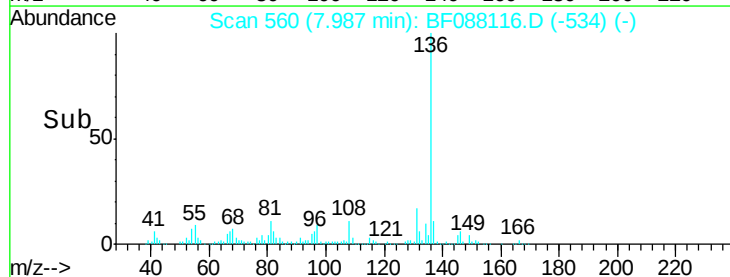
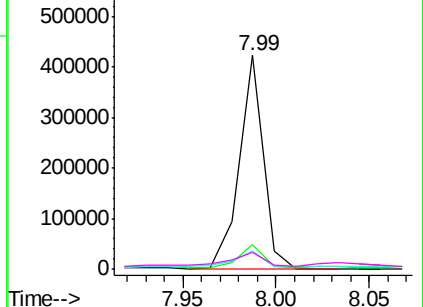


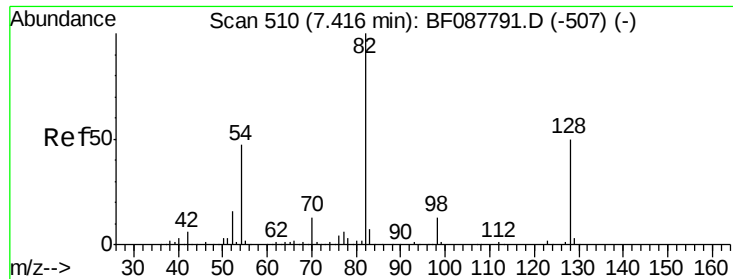
Abundance Ion 136.00 (135.70 to 136.70): E

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

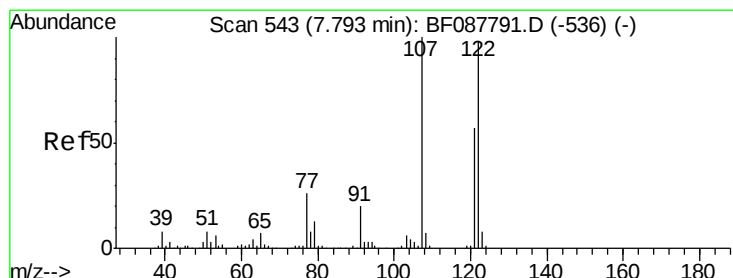
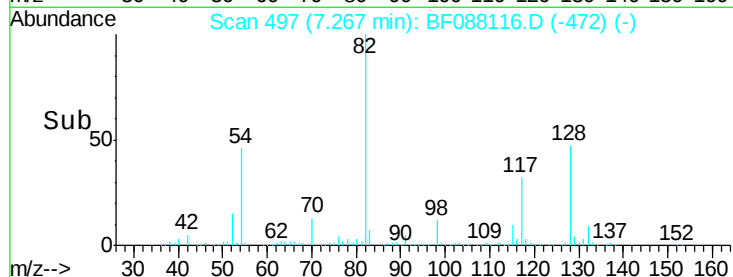
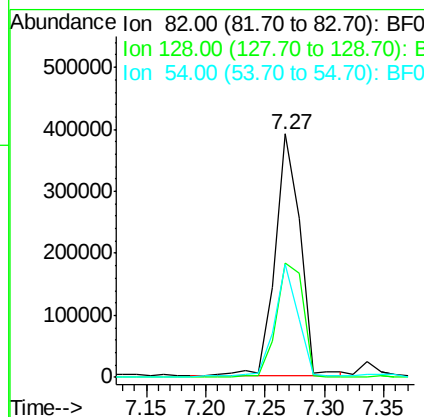
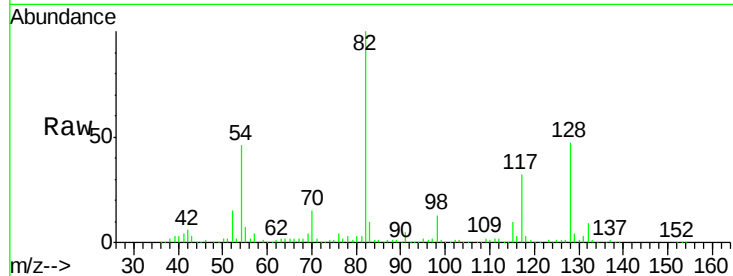




#23
 Nitrobenzene-d5
 Concen: 86.30 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

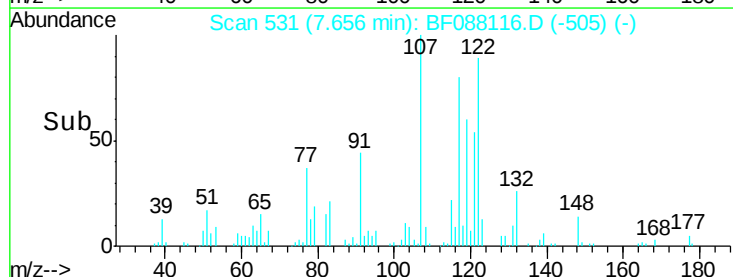
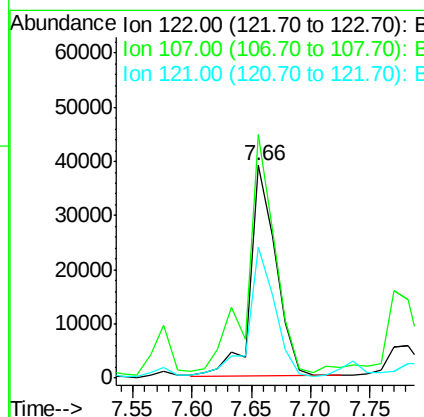
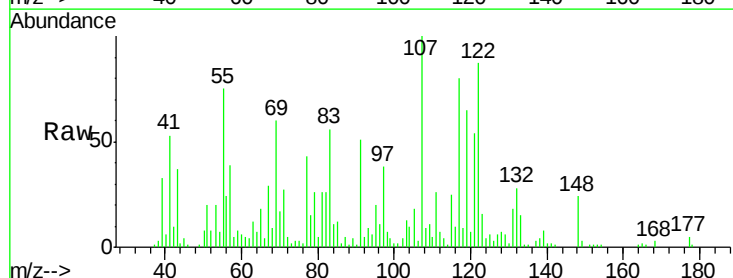
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

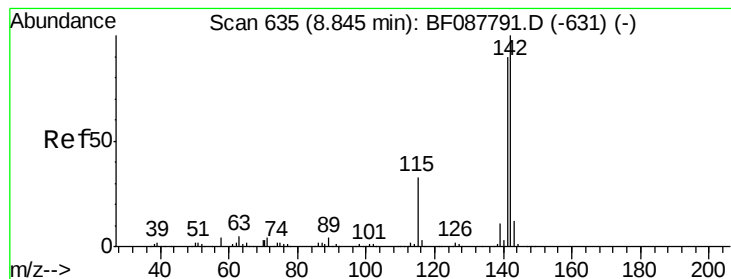
Tot Ion	82	Resp	559892
Ion Ratio	100	Lower	Upper
128	46.7	35.9	53.9
54	46.4	40.9	61.3



#27
 2,4-Dimethylphenol
 Concen: 9.41 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

Tgt Ion	122	Resp	58303
Ion Ratio	100	Lower	Upper
107	114.7	82.4	123.6
121	62.0	46.3	69.5





#37

2-Methylnaphthalene

Concen: 2.46 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Instrument :

BNA_F

ClientSampled :

MW-27

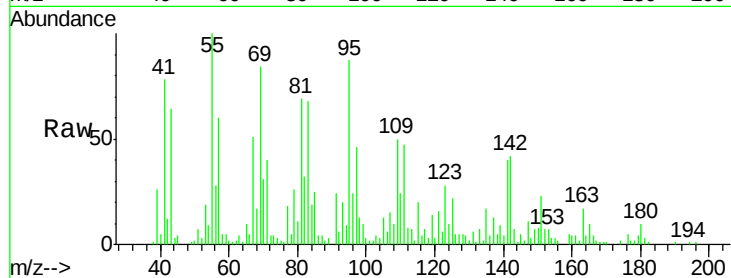
Tot Ion:142 Resp: 30360

Ion Ratio Lower Upper

142 100

141 95.4 71.0 106.6

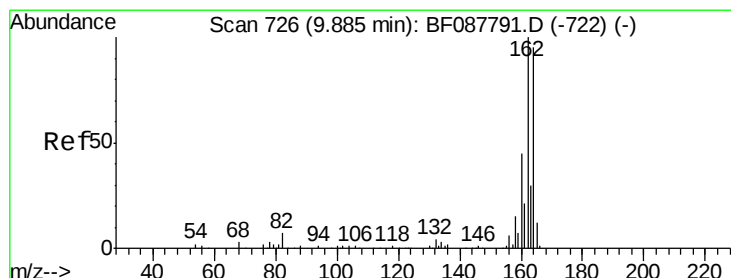
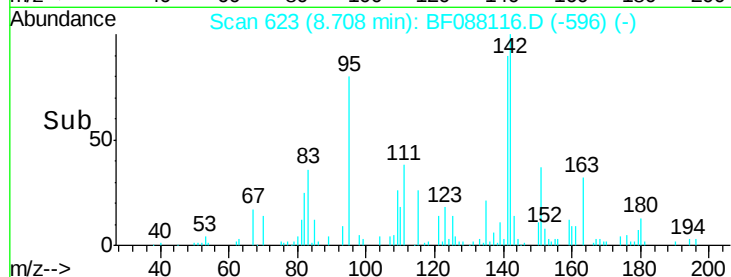
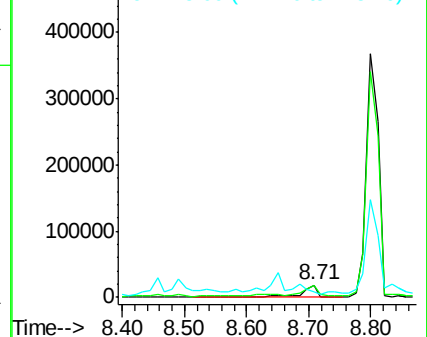
115 48.3 22.6 33.8#



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: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

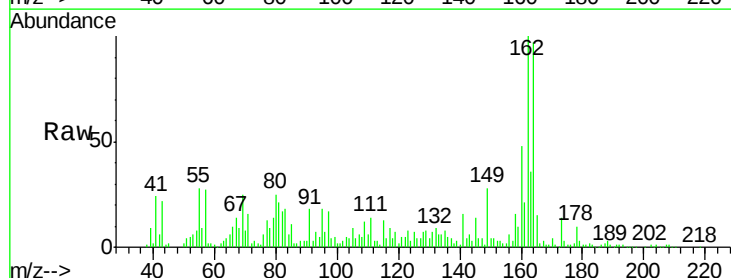
Tgt Ion:164 Resp: 160732

Ion Ratio Lower Upper

164 100

162 102.8 85.4 128.2

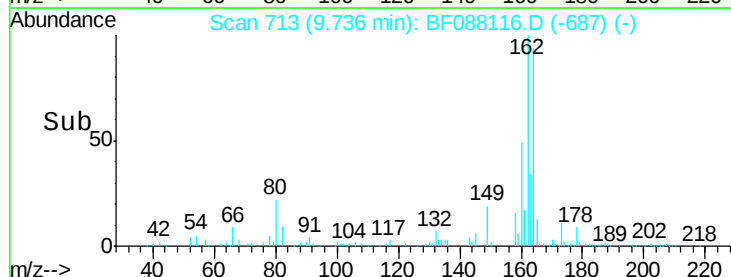
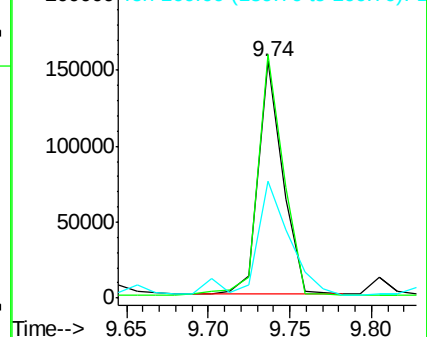
160 49.5 39.5 59.3



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

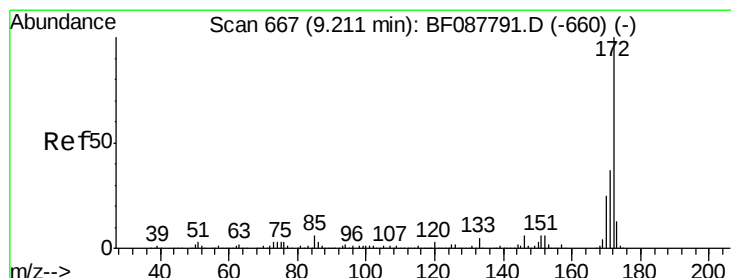
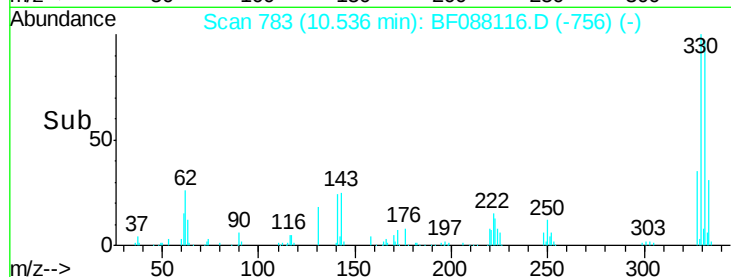
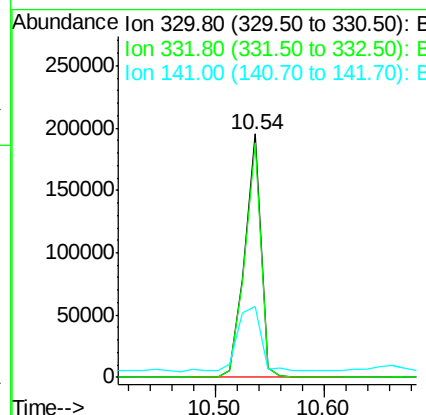
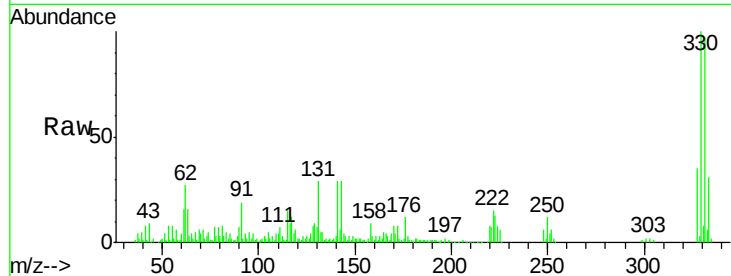




#41
 2,4,6-Tribromophenol
 Concen: 116.80 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

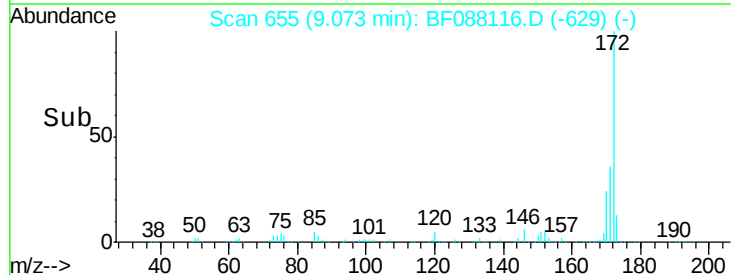
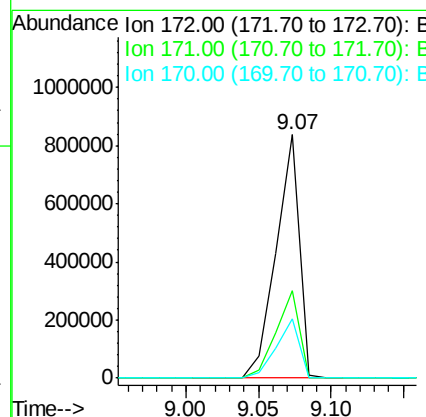
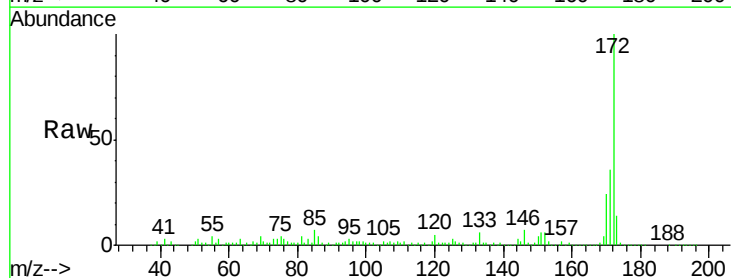
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

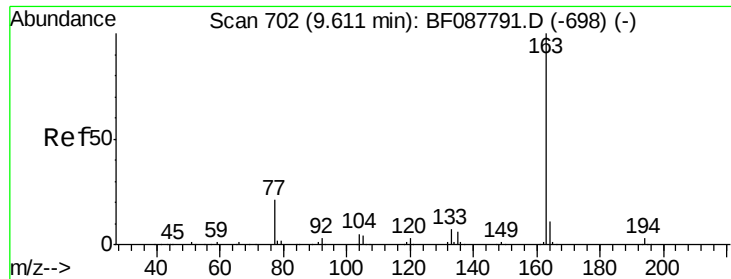
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	41.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 91.58 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.3	19.2	28.8





#49

Dimethylphthalate

Concen: 8.66 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Instrument :

BNA_F

ClientSampleId :

MW-27

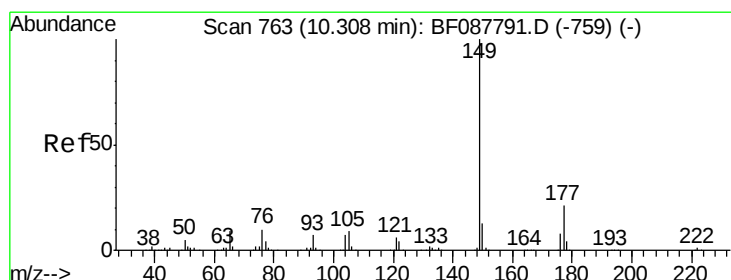
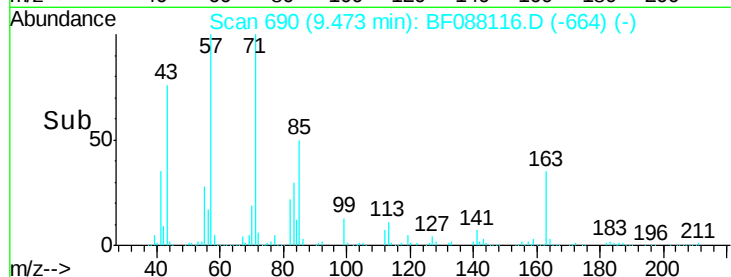
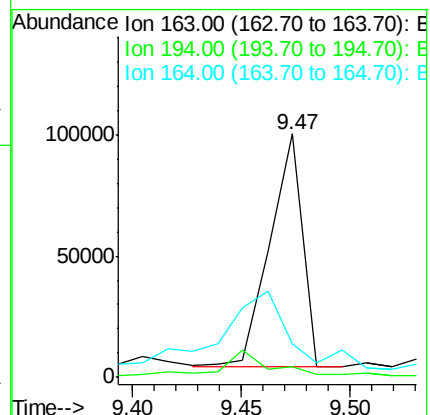
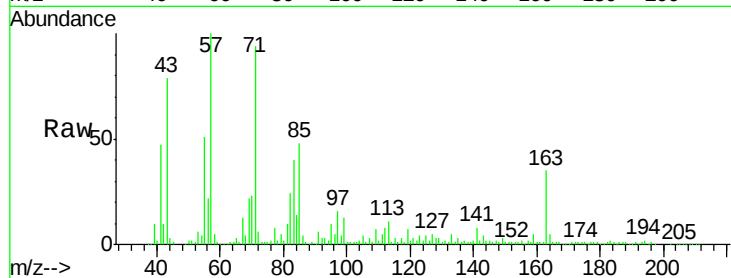
Tot Ion:163 Resp: 100794

Ion Ratio Lower Upper

163 100

194 4.4 2.8 4.2#

164 13.7 8.3 12.5#



#59

Diethylphthalate

Concen: 11.26 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

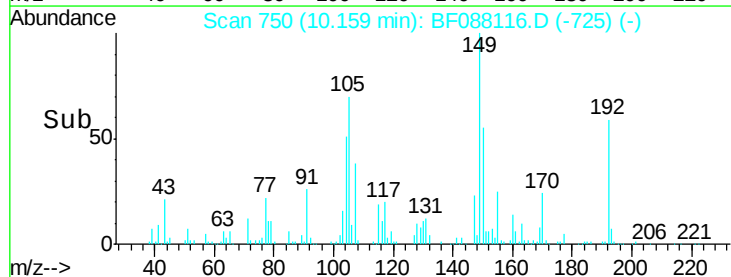
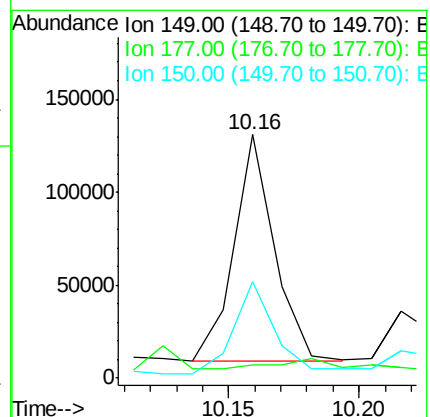
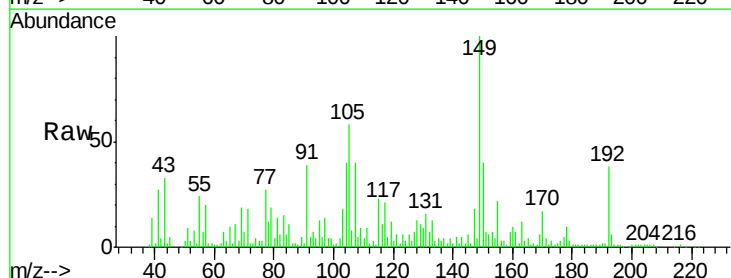
Tgt Ion:149 Resp: 132678

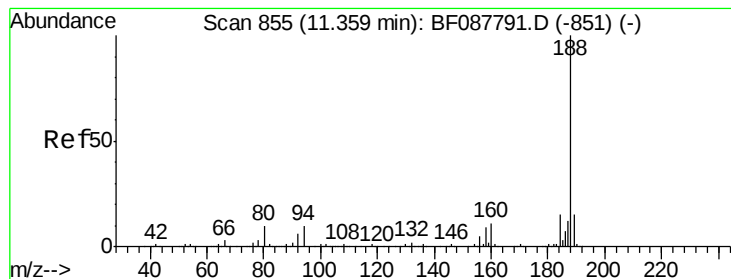
Ion Ratio Lower Upper

149 100

177 5.3 16.9 25.3#

150 39.5 10.1 15.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

Instrument :

BNA_F

ClientSampleId :

MW-27

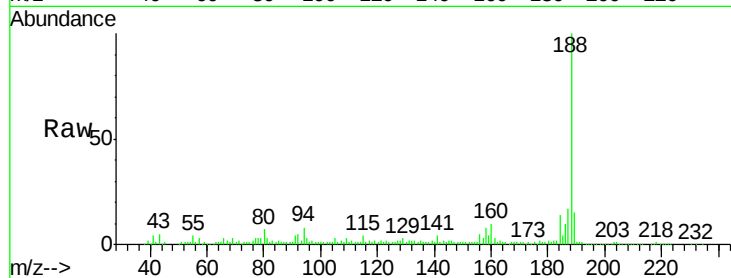
Tot Ion:188 Resp: 319463

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.6#

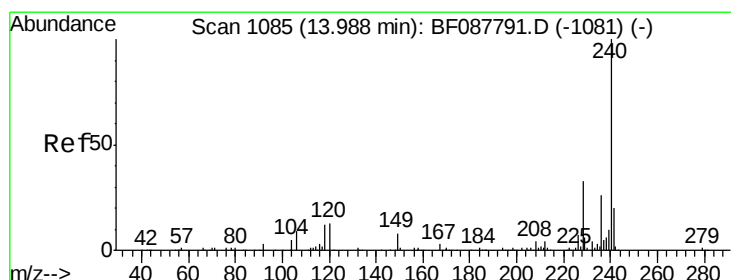
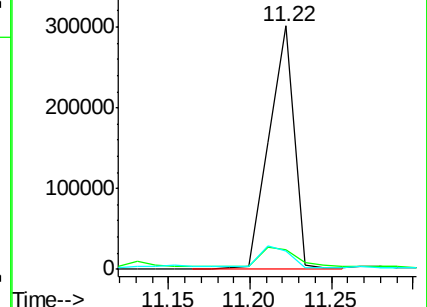
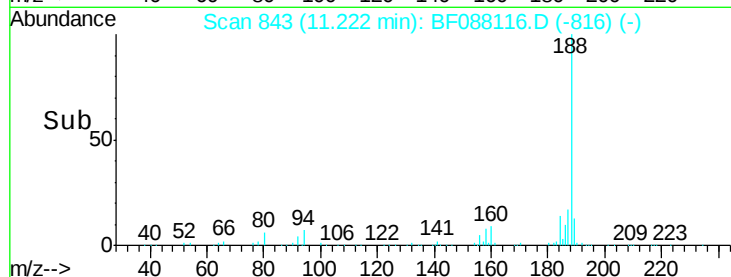
80 7.4 10.0 15.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088116.D

Acq: 18 Jun 2016 3:06

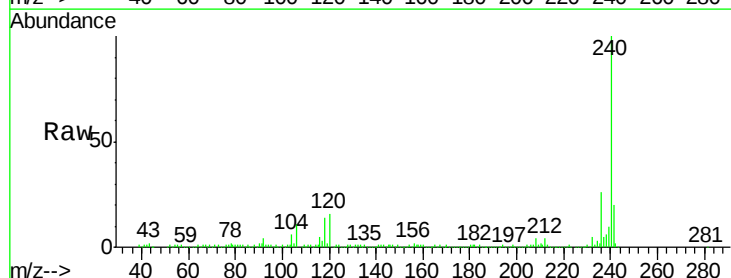
Tgt Ion:240 Resp: 238706

Ion Ratio Lower Upper

240 100

120 15.8 6.8 10.2#

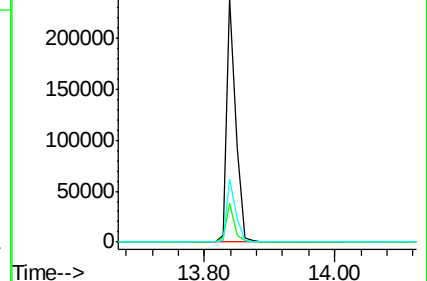
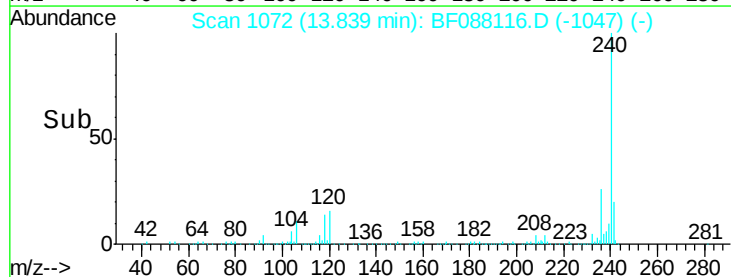
236 25.9 20.2 30.2

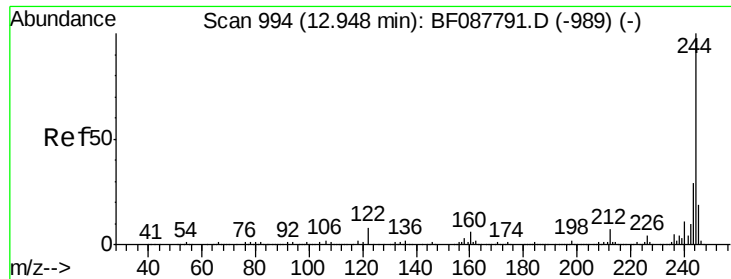


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

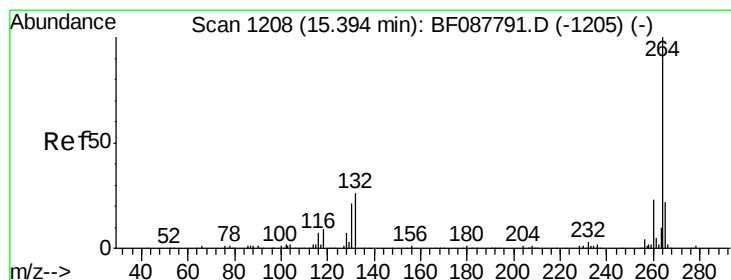
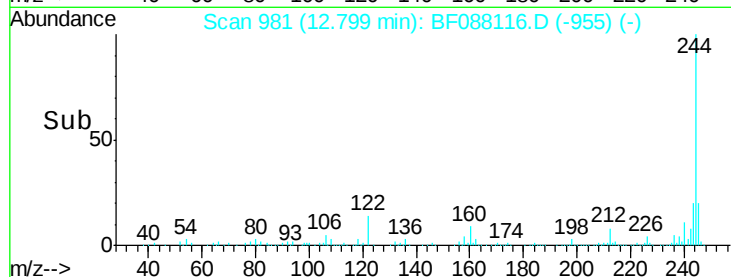
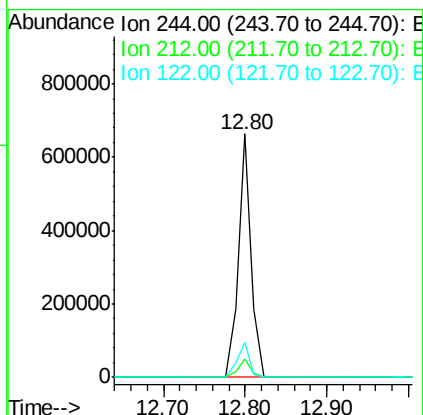
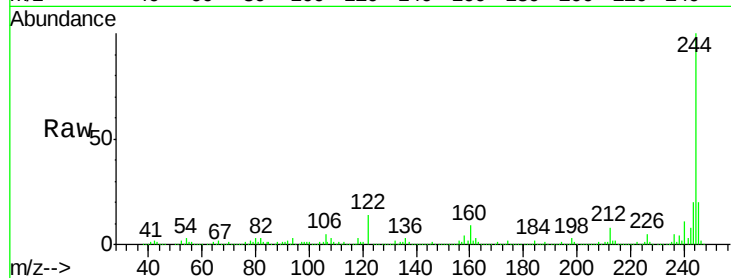




#78
 Terphenyl-d14
 Concen: 68.60 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tot Ion:244 Resp: 719633
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088116.D
 Acq: 18 Jun 2016 3:06

Tgt Ion:264 Resp: 212516
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.2 16.9 25.3

