

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084066.D
 Acq On : 24 Dec 2015 6:38
 Operator : UM/SJ
 Sample : G4925-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Quant Time: Dec 24 08:00:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

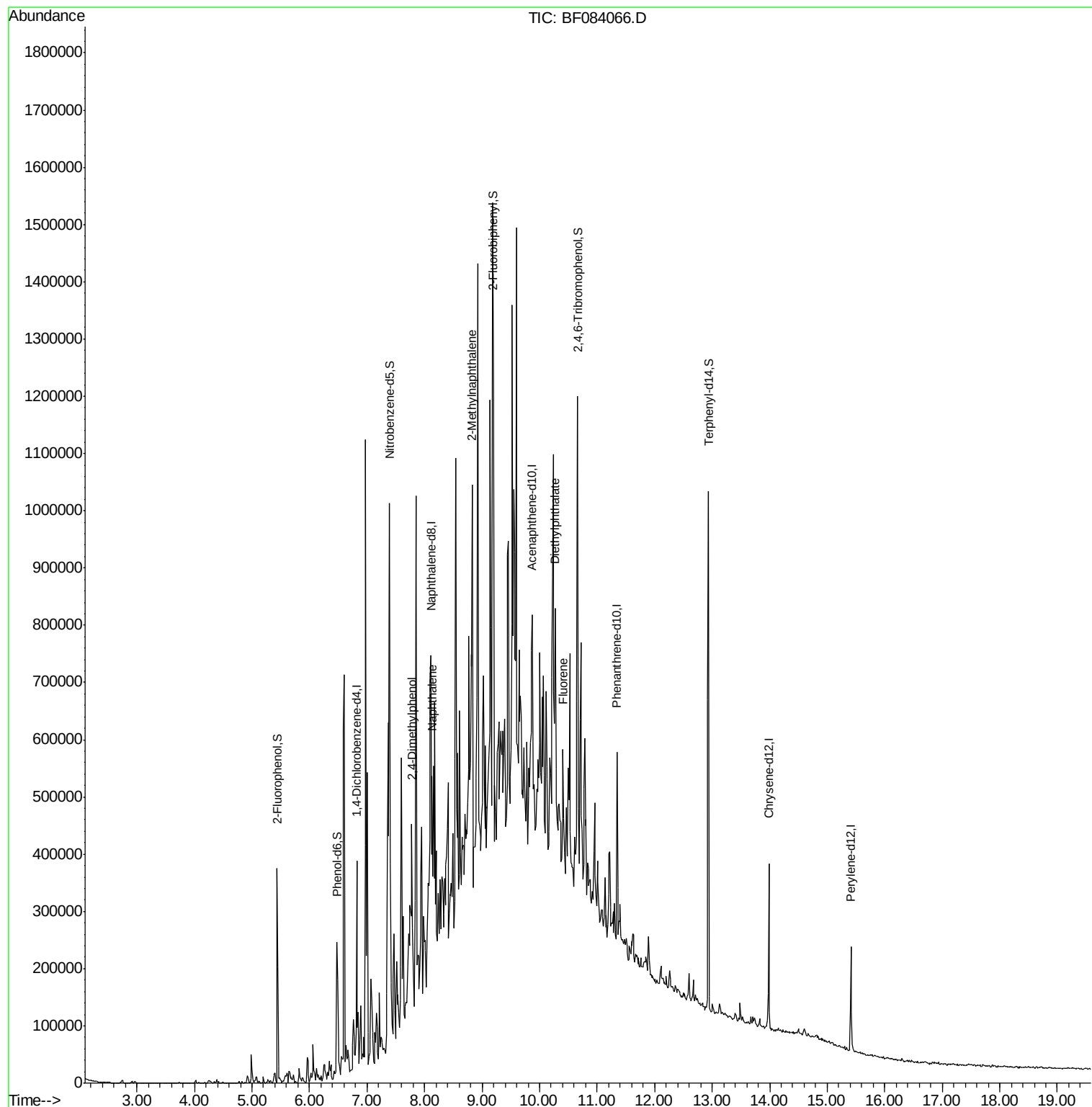
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47586	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	175981	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	77952	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	123108	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	91505	20.00	ng	-0.01
86) Perylene-d12	15.41	264	80411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	128169	45.92	ng	0.00
7) Phenol-d6	6.48	99	102773	31.32	ng	0.00
23) Nitrobenzene-d5	7.39	82	258027	90.07	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	99303	132.44	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	505289	87.24	ng	-0.01
78) Terphenyl-d14	12.93	244	336948	87.82	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.78	122	37090	13.39	ng	Qvalue 97
31) Naphthalene	8.13	128	47877m	5.33	ng	
37) 2-Methylnaphthalene	8.83	142	251087	43.13	ng	99
57) Fluorene	10.41	166	15667	2.83	ng	# 90
59) Diethylphthalate	10.27	149	58463	9.75	ng	# 51

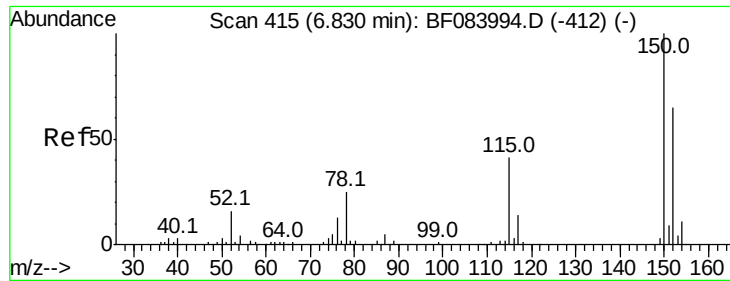
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MW-27

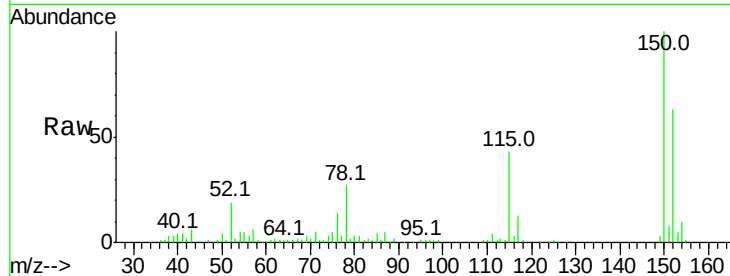
Tot Ion:152 Resp: 47586

Ion Ratio Lower Upper

152 100

150 158.8 123.0 184.4

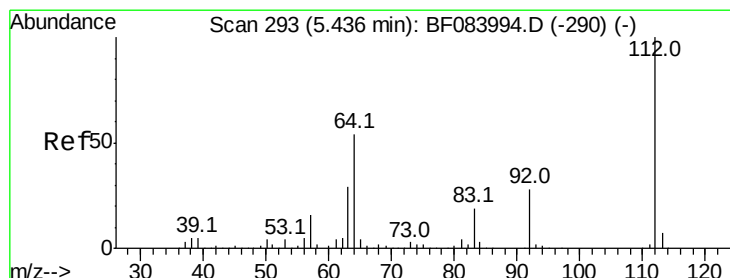
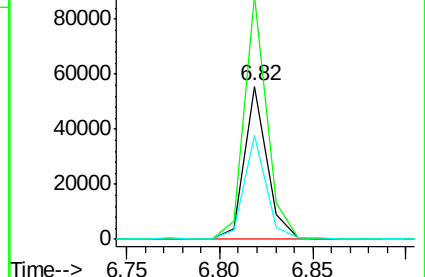
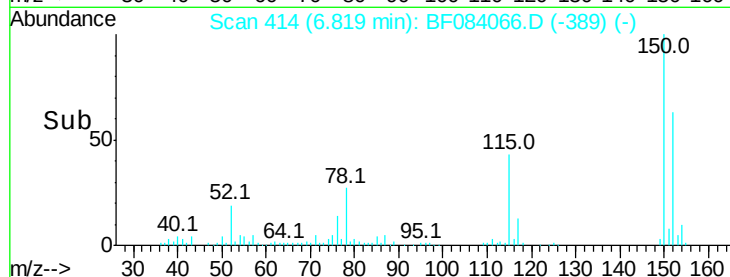
115 67.7 51.4 77.2



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



#5

2-Fluorophenol

Concen: 45.92 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

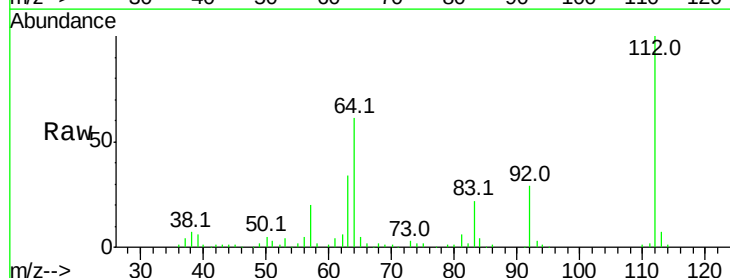
Tgt Ion:112 Resp: 128169

Ion Ratio Lower Upper

112 100

64 61.2 36.6 55.0#

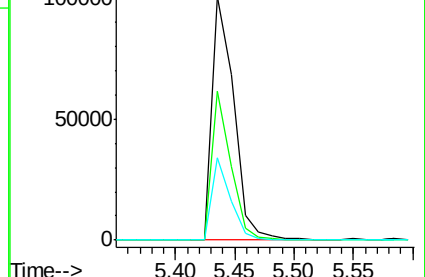
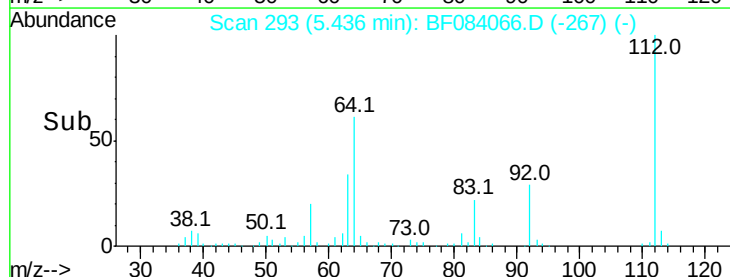
63 33.6 19.4 29.0#

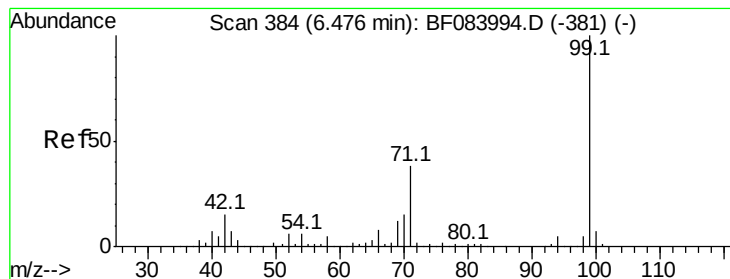


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.32 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MW-27

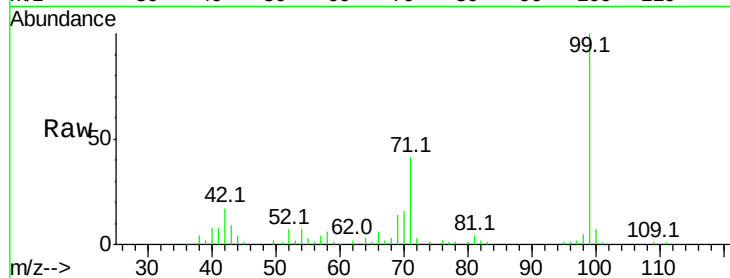
Tot Ion: 99 Resp: 102773

Ion Ratio Lower Upper

99 100

42 17.2 12.8 19.2

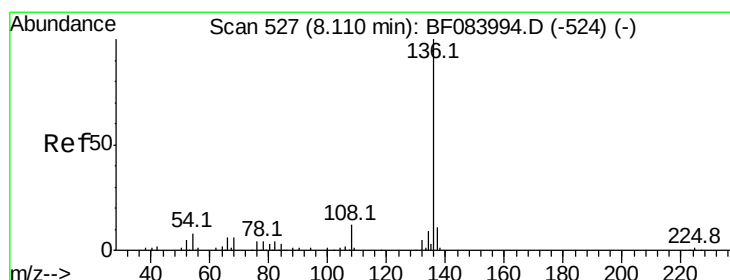
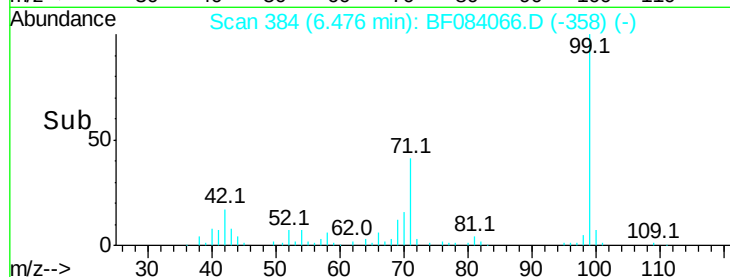
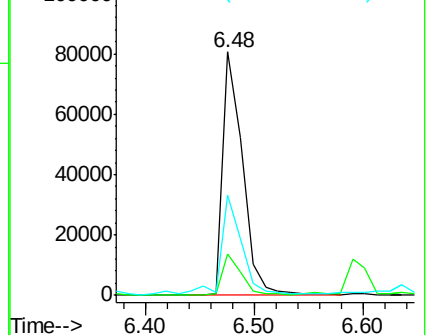
71 41.0 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Tgt Ion: 136 Resp: 175981

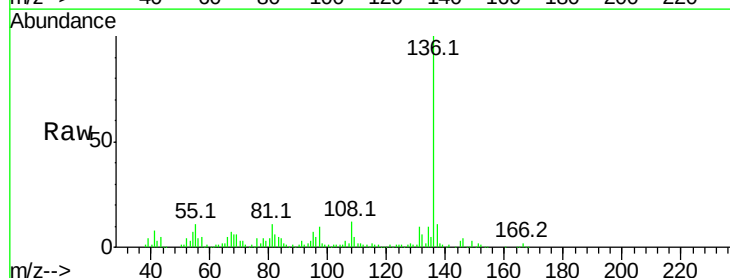
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.7 5.8 8.8

68 5.8 4.2 6.2

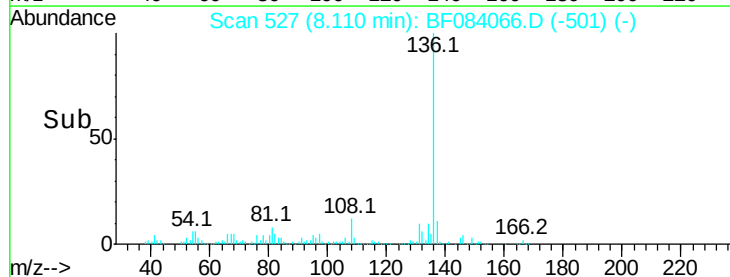
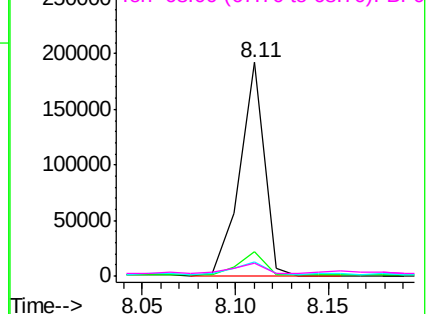


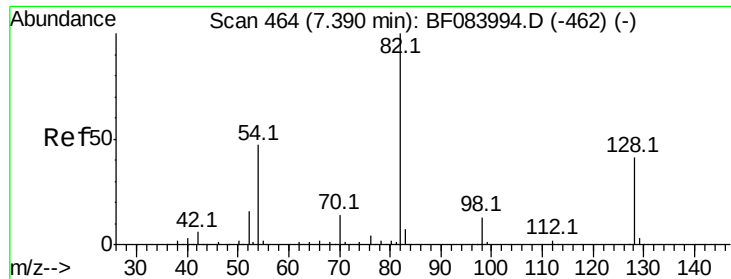
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

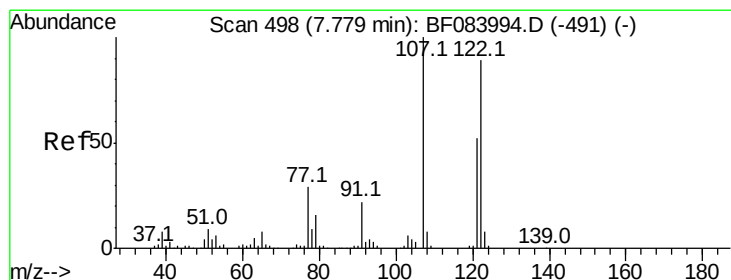
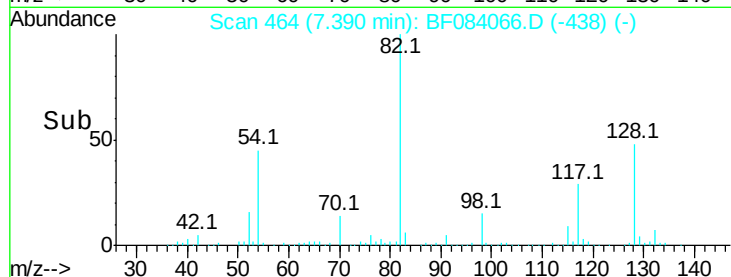
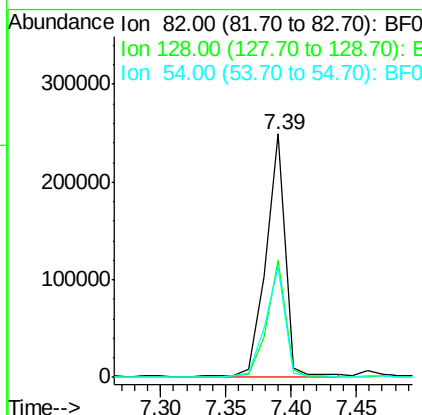
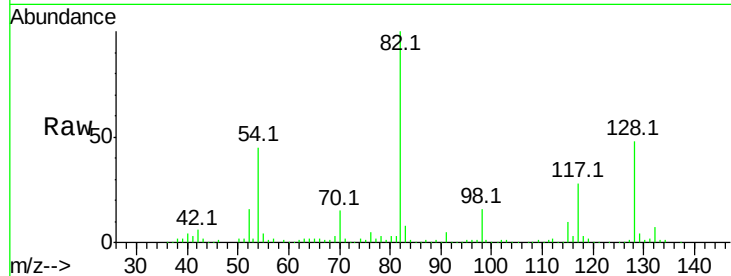




#23
 Nitrobenzene-d5
 Concen: 90.07 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084066.D
 Acq: 24 Dec 2015 6:38

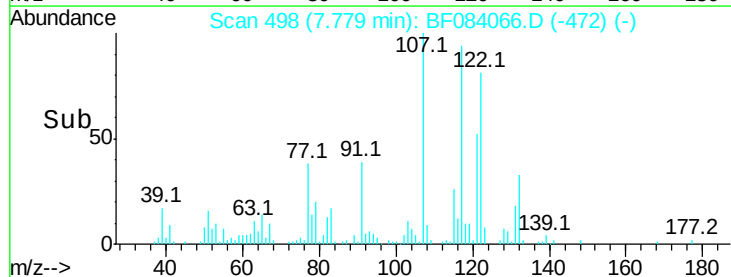
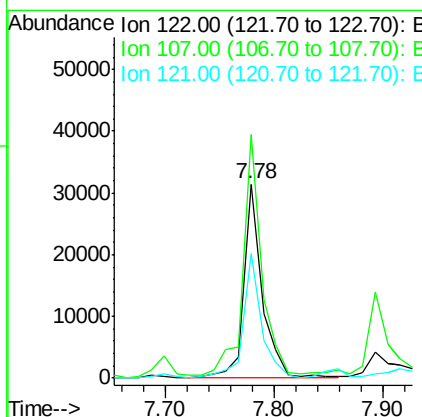
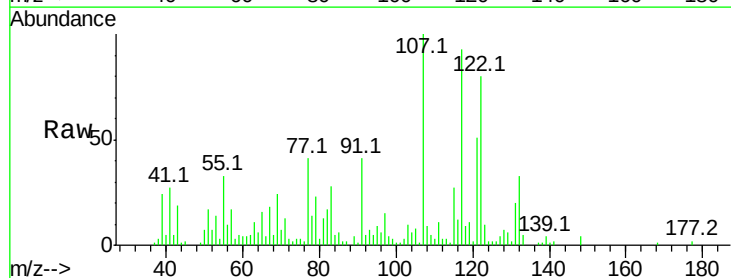
Instrument :
 BNA_F
 ClientSampleId :
 MW-27

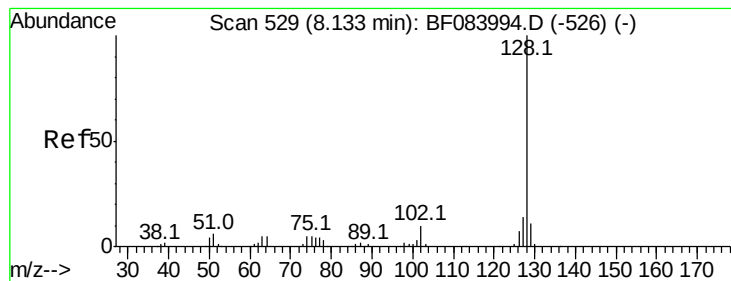
Tot Ion	82	Resp	258027
Ion Ratio	Lower	Upper	
82	100		
128	48.1	34.6	51.8
54	45.5	38.4	57.6



#27
 2,4-Dimethylphenol
 Concen: 13.39 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF084066.D
 Acq: 24 Dec 2015 6:38

Tgt Ion	122	Resp	37090
Ion Ratio	Lower	Upper	
122	100		
107	125.4	99.1	148.7
121	64.0	47.9	71.9





#31

Naphthalene

Concen: 5.33 ng/mL

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MW-27

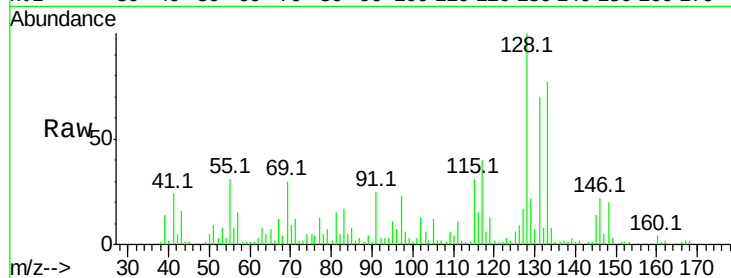
Tot Ion:128 Resp: 47877

Ion Ratio Lower Upper

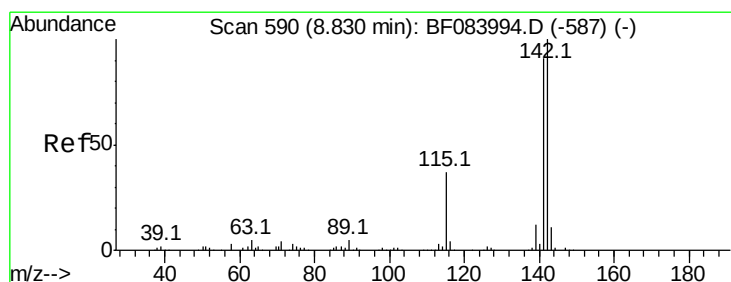
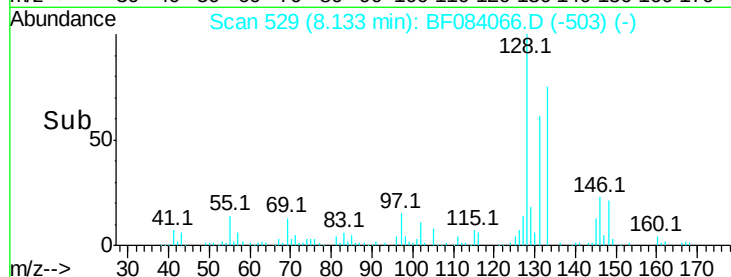
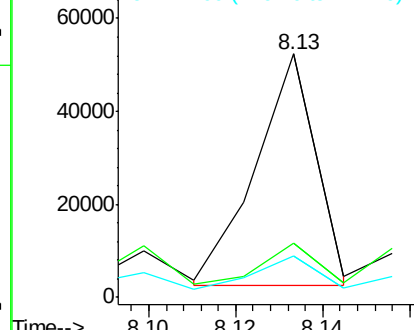
128 100

129 22.0 9.1 13.7#

127 16.9 11.1 16.7#



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: 43.13 ng/mL

RT: 8.83 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

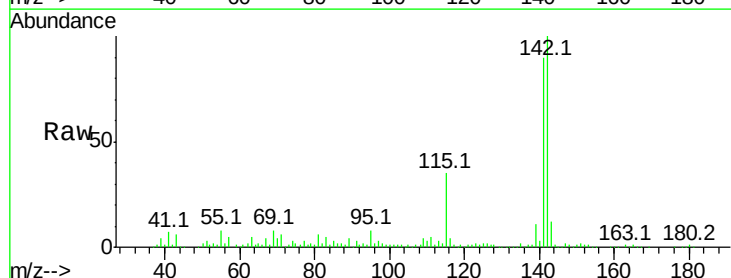
Tgt Ion:142 Resp: 251087

Ion Ratio Lower Upper

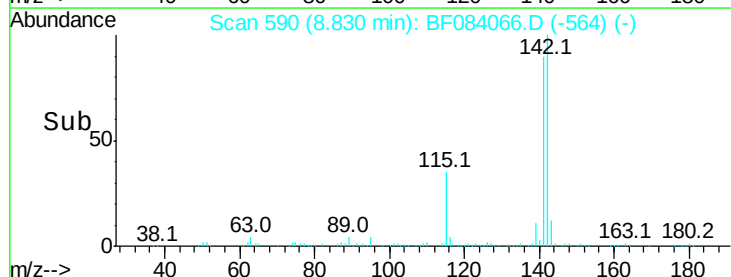
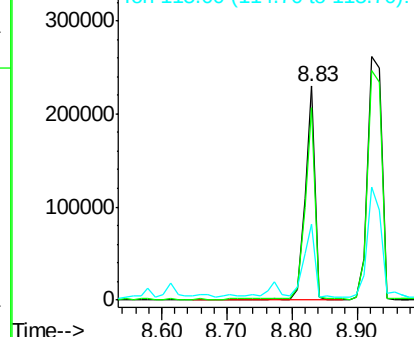
142 100

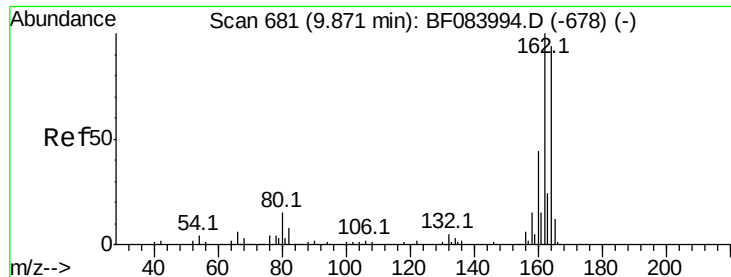
141 90.0 72.4 108.6

115 35.5 27.9 41.9



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: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Instrument :

BNA_F

ClientSampleId :

MW-27

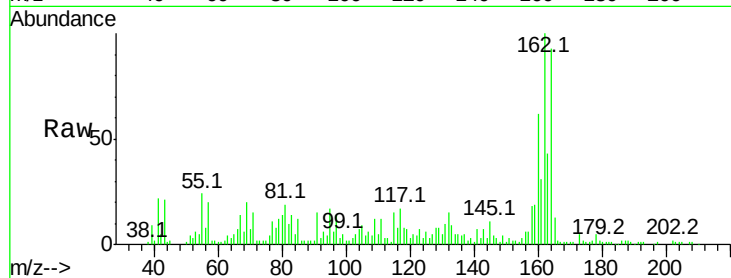
Tot Ion:164 Resp: 77952

Ion Ratio Lower Upper

164 100

162 107.5 85.1 127.7

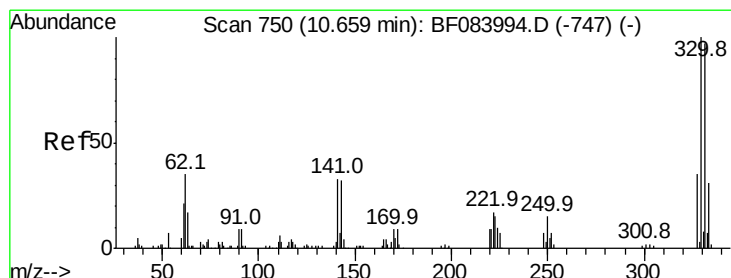
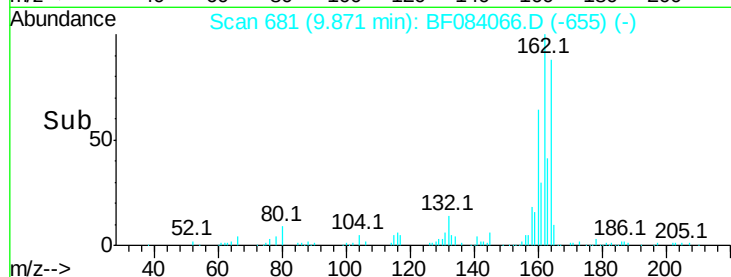
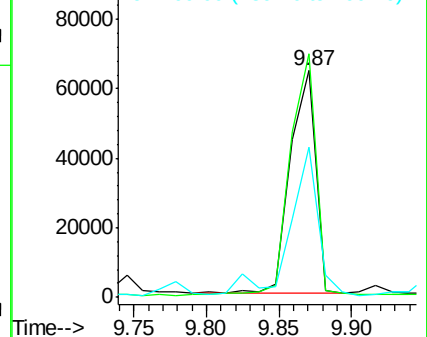
160 66.4 37.5 56.3#



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: 132.44 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

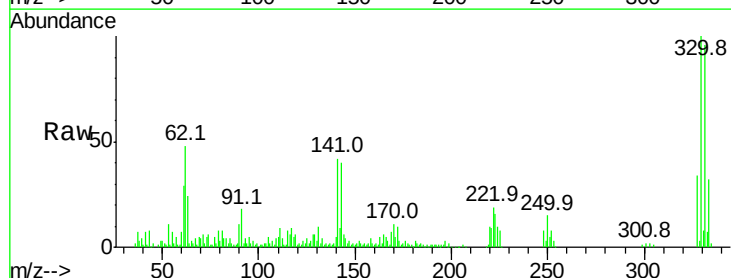
Tgt Ion:330 Resp: 99303

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

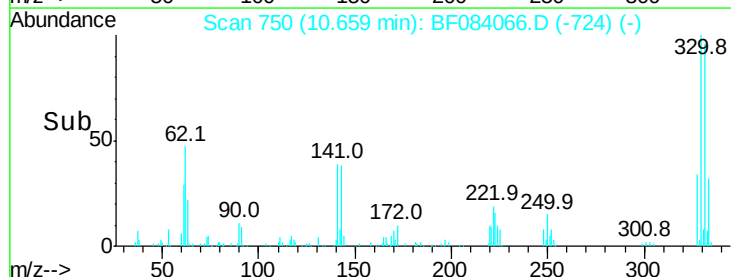
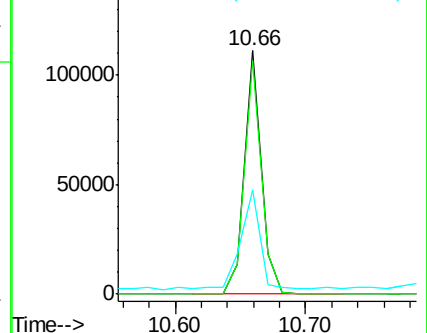
141 47.3 27.8 41.6#

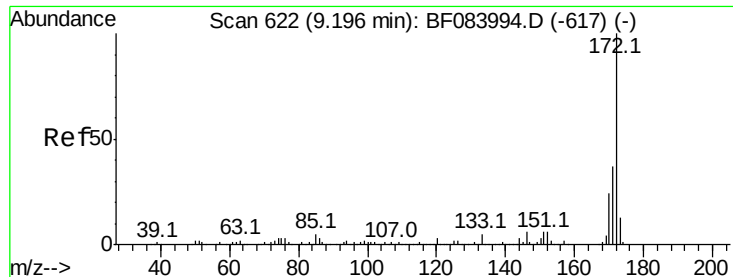


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

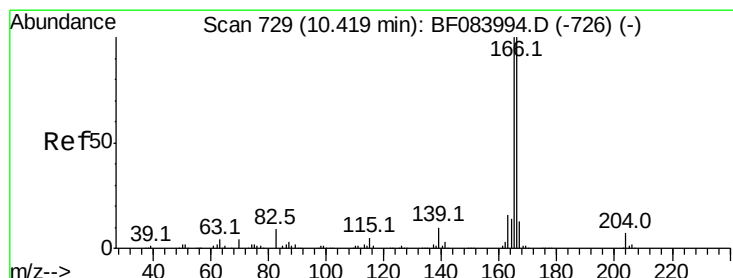
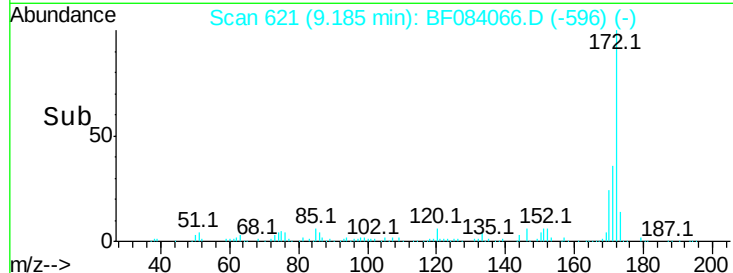
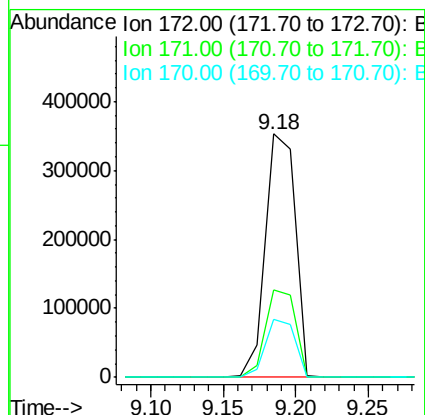
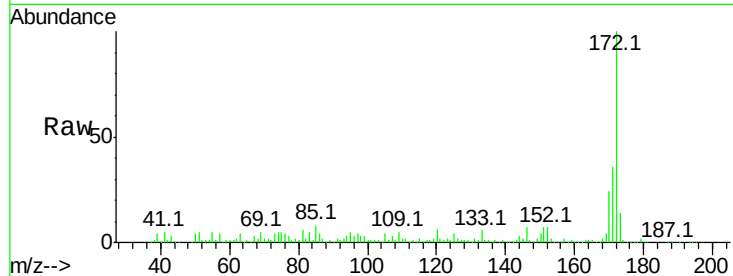




#44
2-Fluorobiphenyl
Concen: 87.24 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084066.D
Acq: 24 Dec 2015 6:38

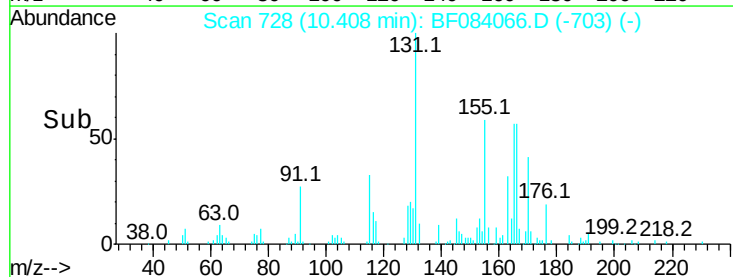
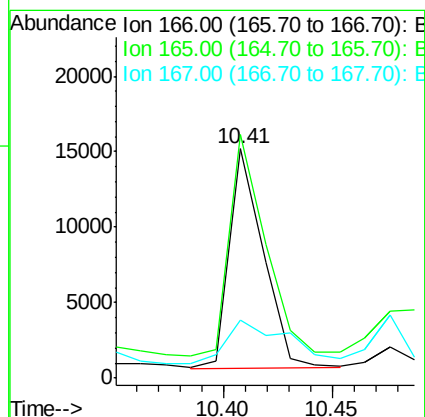
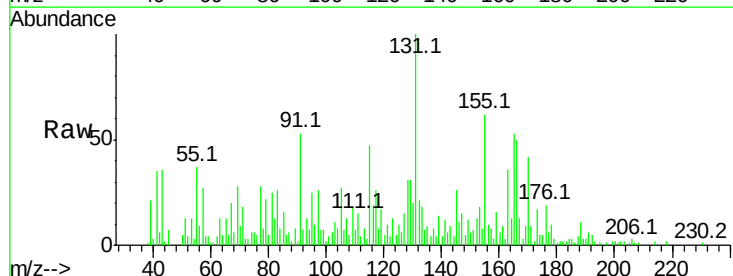
Instrument :
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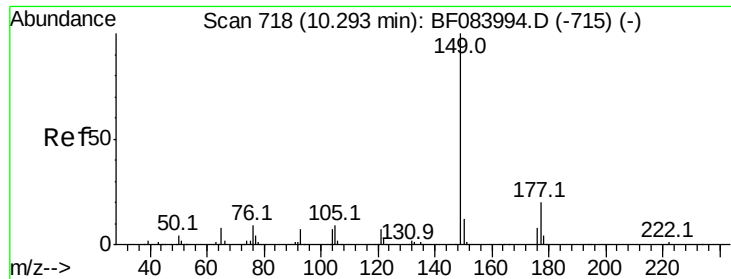
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.8	18.6	27.8



#57
Fluorene
Concen: 2.83 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF084066.D
Acq: 24 Dec 2015 6:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.2	79.1	118.7
167	25.2	10.4	15.6

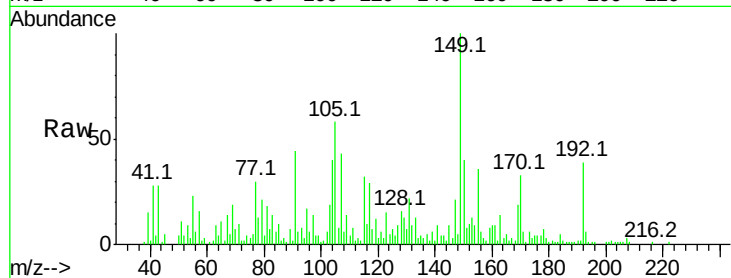




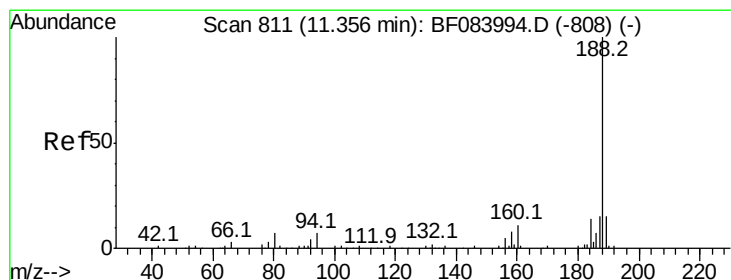
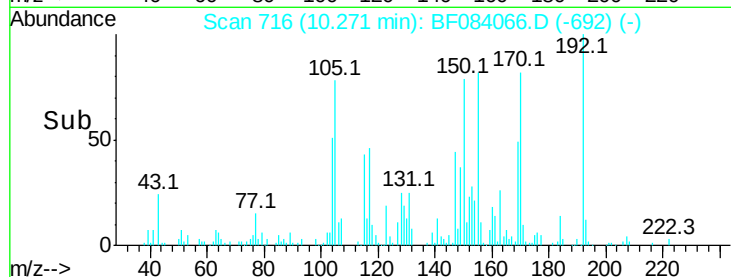
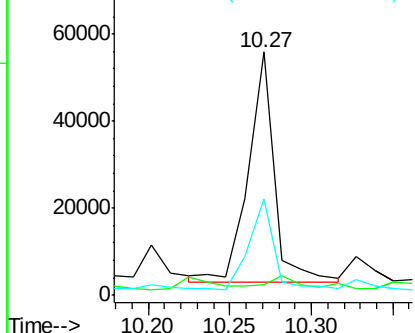
#59
Diethylphthalate
Concen: 9.75 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF084066.D
Acq: 24 Dec 2015 6:38

Instrument :
BNA_F
ClientSampleId :
MW-27

Tot Ion:149 Resp: 58463
Ion Ratio Lower Upper
149 100
177 4.5 17.3 25.9#
150 39.9 9.8 14.8#

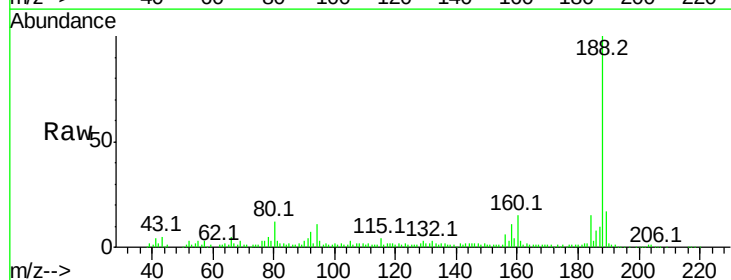


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

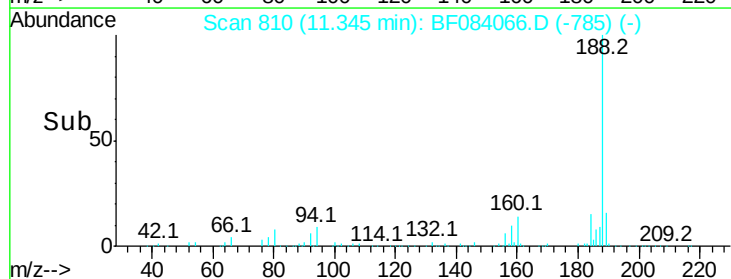
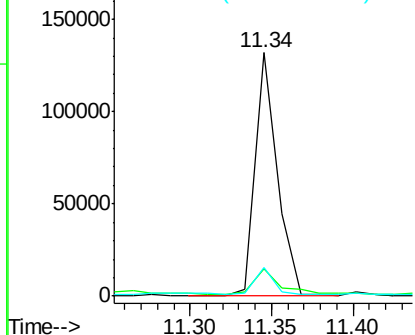


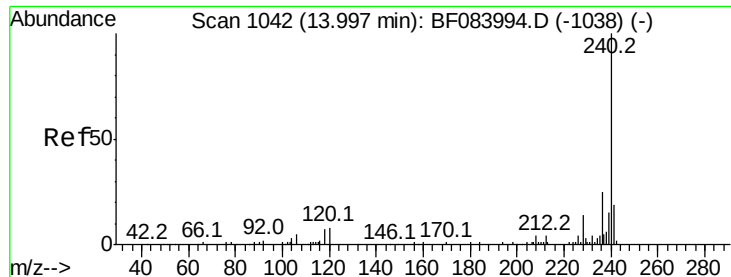
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084066.D
Acq: 24 Dec 2015 6:38

Tgt Ion:188 Resp: 123108
Ion Ratio Lower Upper
188 100
94 11.3 9.0 13.4
80 11.9 9.6 14.4



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: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

Instrument :

BNA_F

ClientSampled :

MW-27

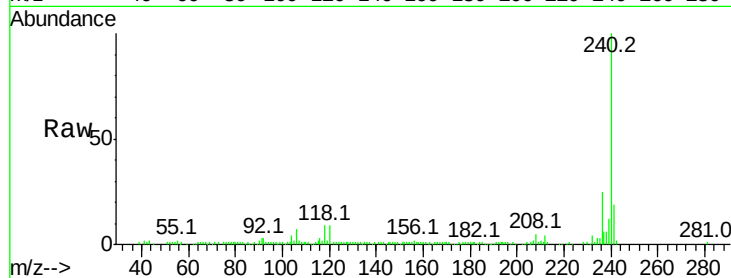
Tot Ion:240 Resp: 91505

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

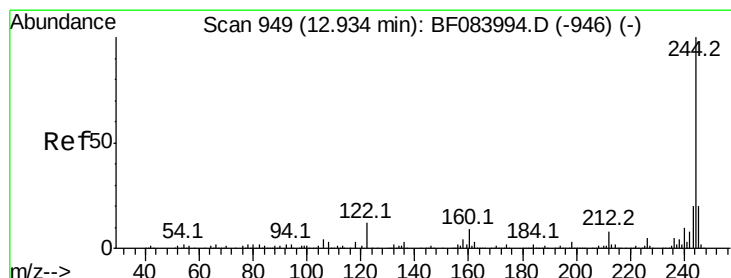
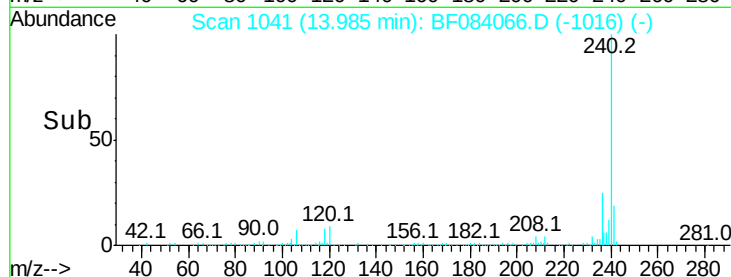
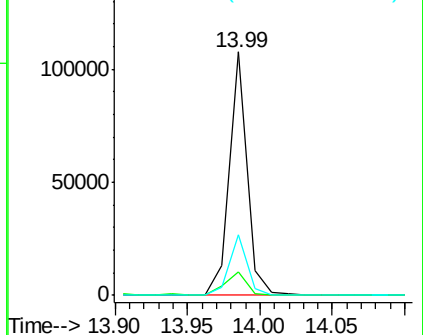
236 25.0 20.6 31.0



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: 87.82 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084066.D

Acq: 24 Dec 2015 6:38

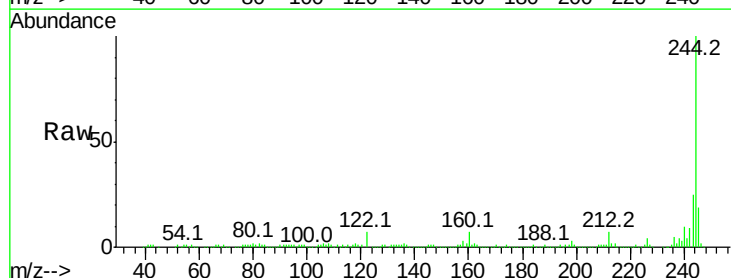
Tgt Ion:244 Resp: 336948

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

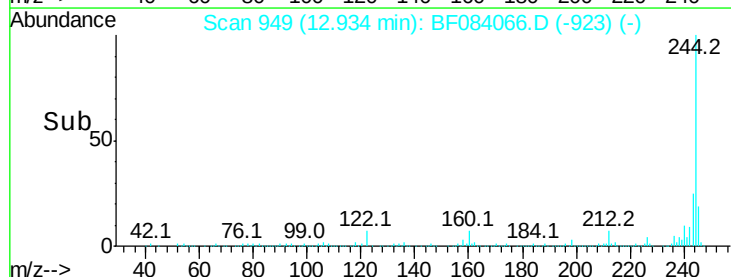
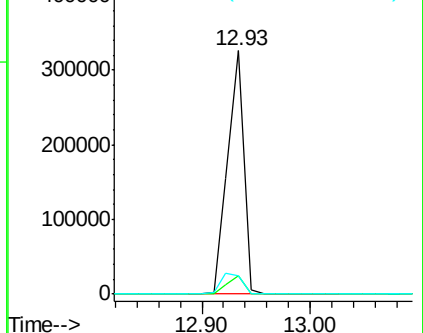
122 7.5 7.4 11.0

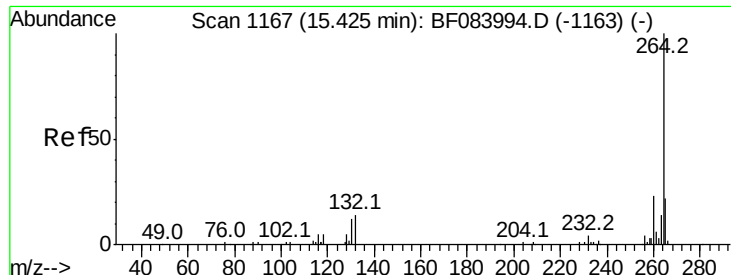


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

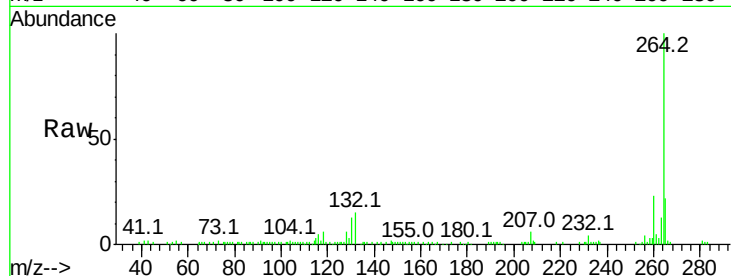




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084066.D
 Acq: 24 Dec 2015 6:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-27

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.1	17.8	26.6



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

