

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087010.D
 Acq On : 14 May 2016 10:24
 Operator : UM/SJ
 Sample : H2947-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: May 16 15:05:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

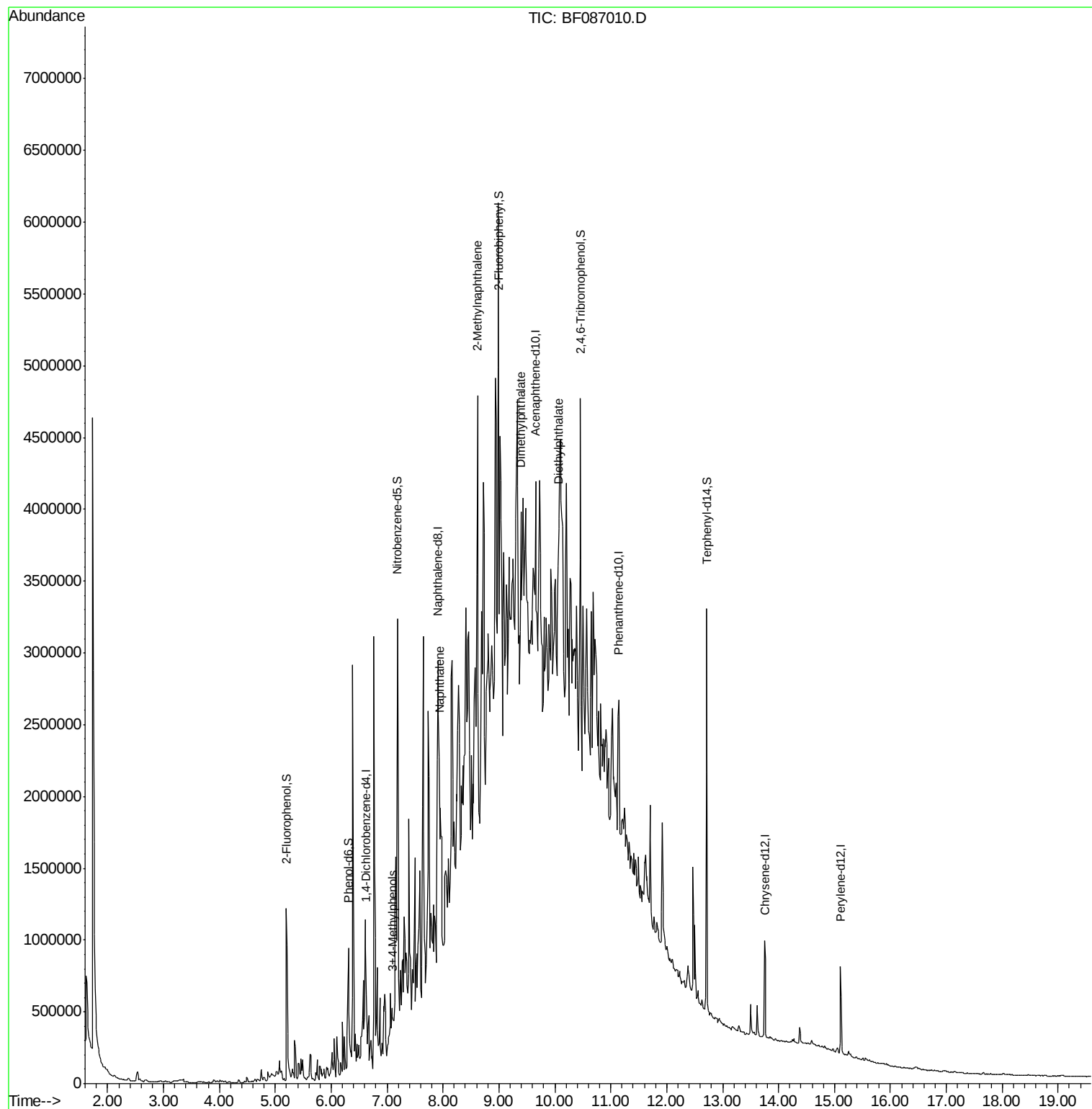
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	147321	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	567522	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	288833	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	440780	20.00	ng	0.01
75) Chrysene-d12	13.76	240	313578	20.00	ng	0.00
86) Perylene-d12	15.11	264	284807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	472512	54.32	ng	0.00
7) Phenol-d6	6.31	99	405229	34.86	ng	0.02
23) Nitrobenzene-d5	7.19	82	881877	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	303573	99.28	ng	0.01
44) 2-Fluorobiphenyl	8.99	172	1379312	80.26	ng	0.01
78) Terphenyl-d14	12.72	244	1045997	70.77	ng	0.01
Target Compounds						
20) 3+4-Methylphenols	7.10	107	92328	8.46	ng	# 57
31) Naphthalene	7.93	128	332905	11.71	ng	# 94
37) 2-Methylnaphthalene	8.62	142	199754	12.02	ng	# 94
49) Dimethylphthalate	9.39	163	97424	4.42	ng	# 70
59) Diethylphthalate	10.07	149	450547	20.98	ng	# 72

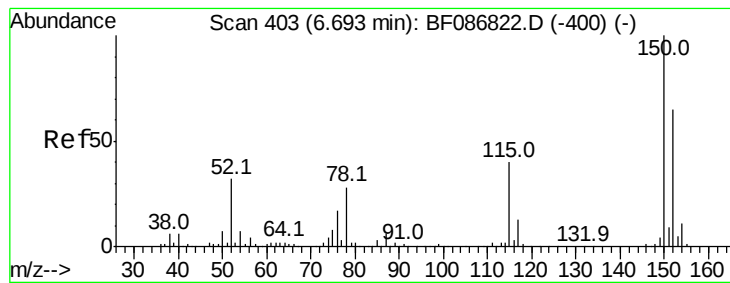
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 16 01:11:12 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

Instrument :

BNA_F

ClientSampleId :

MW-3

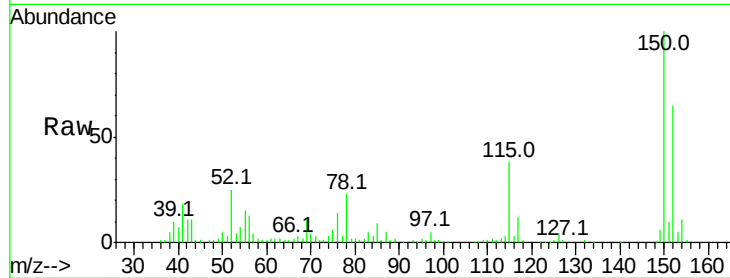
Tot Ion:152 Resp: 147321

Ion Ratio Lower Upper

152 100

150 152.8 125.8 188.6

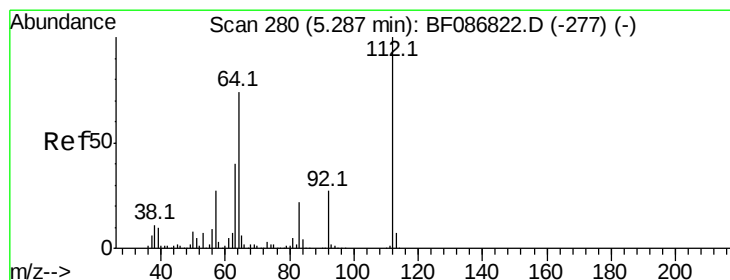
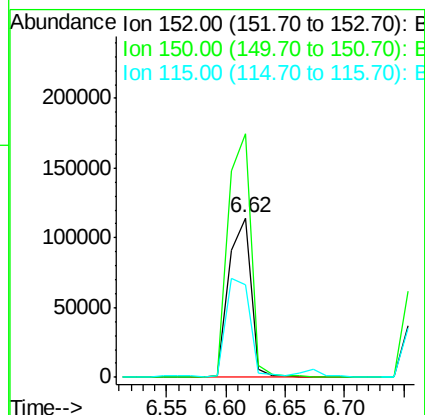
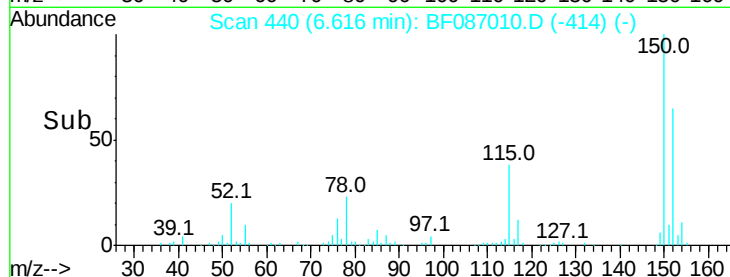
115 58.0 51.5 77.3



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: 54.32 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

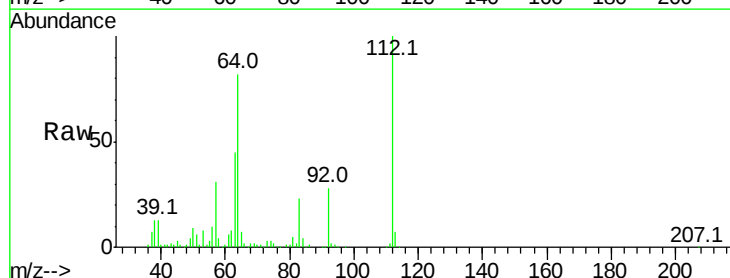
Tgt Ion:112 Resp: 472512

Ion Ratio Lower Upper

112 100

64 82.3 52.1 78.1#

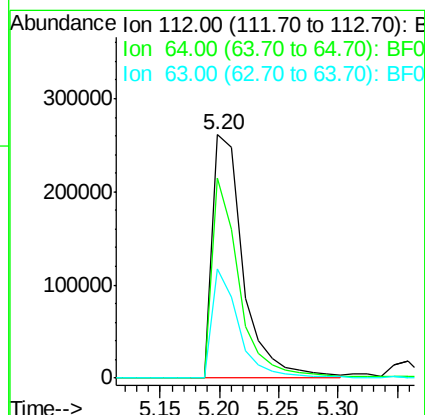
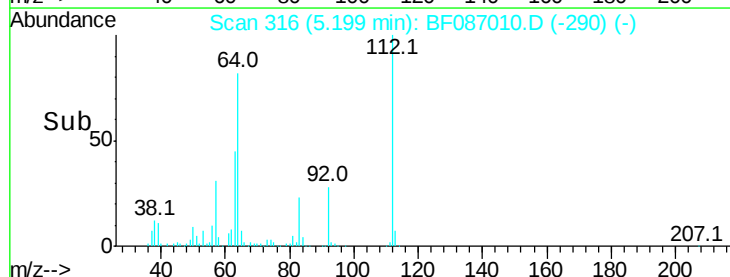
63 44.9 25.7 38.5#

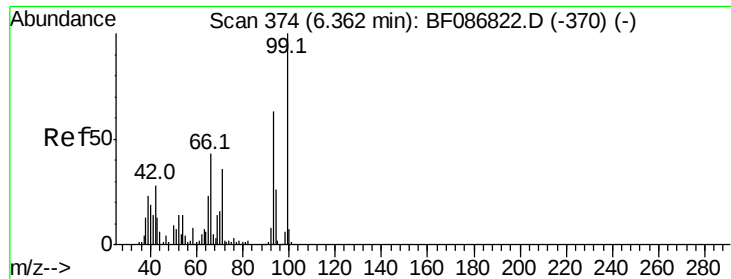


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.86 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.02 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

Instrument :

BNA_F

ClientSampleId :

MW-3

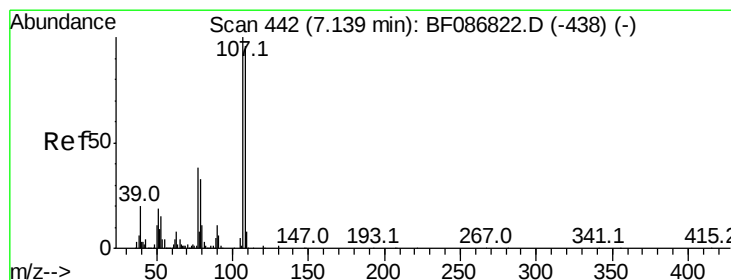
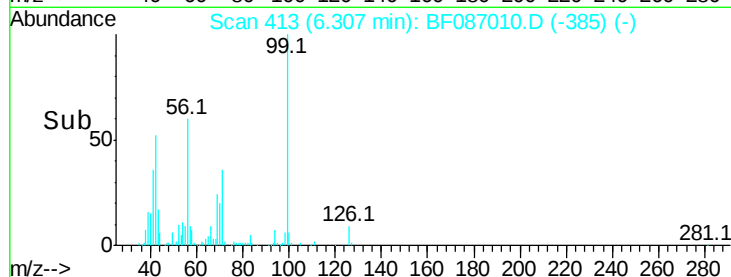
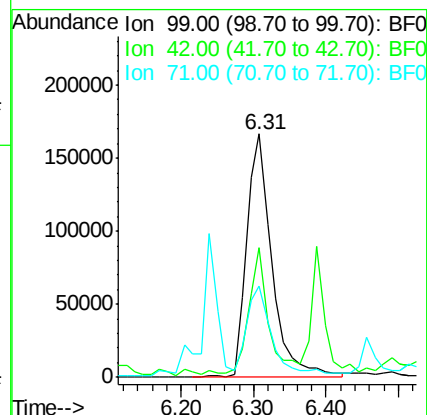
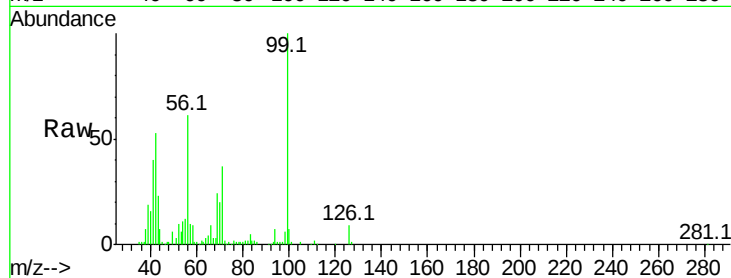
Tot Ion: 99 Resp: 405229

Ion Ratio Lower Upper

99 100

42 53.5 13.6 20.4#

71 37.4 24.6 36.8#



#20

3+4-Methylphenols

Concen: 8.46 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.03 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

Tgt Ion:107 Resp: 92328

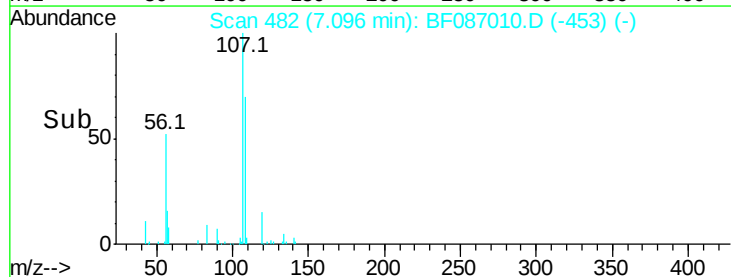
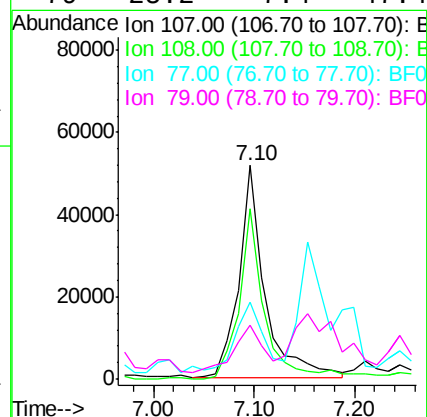
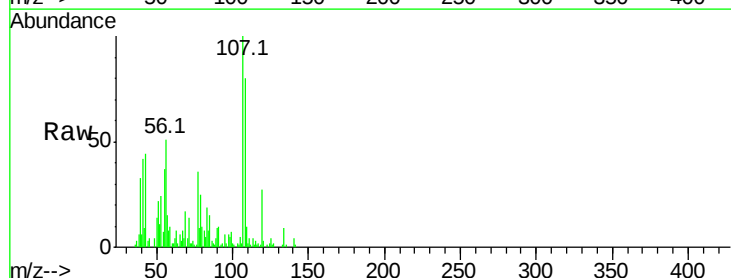
Ion Ratio Lower Upper

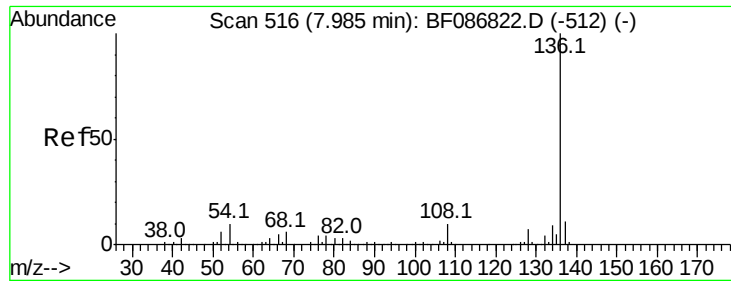
107 100

108 79.9 68.5 108.5

77 36.1 101.6 141.6#

79 25.2 7.4 47.4

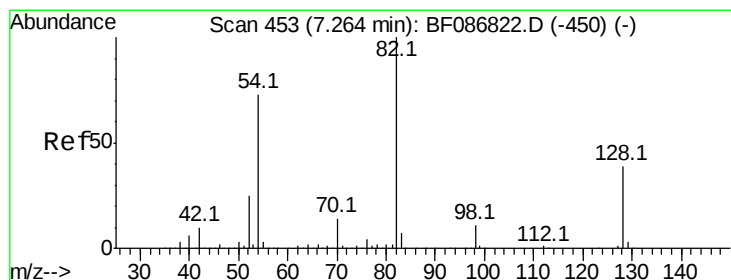
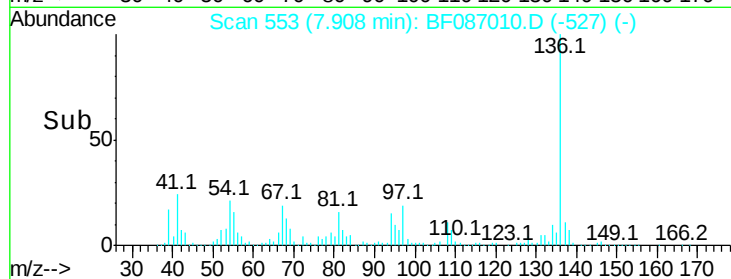
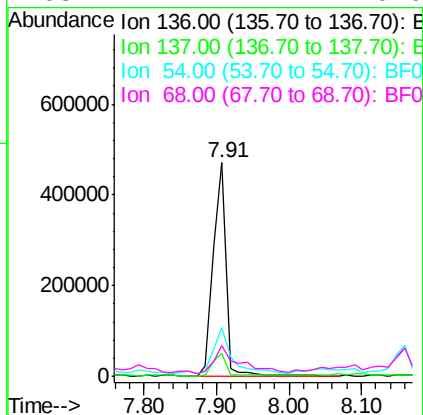
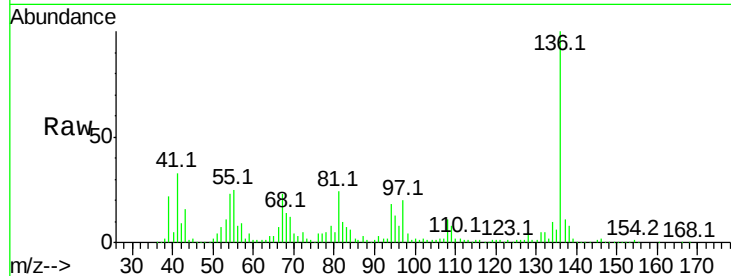




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

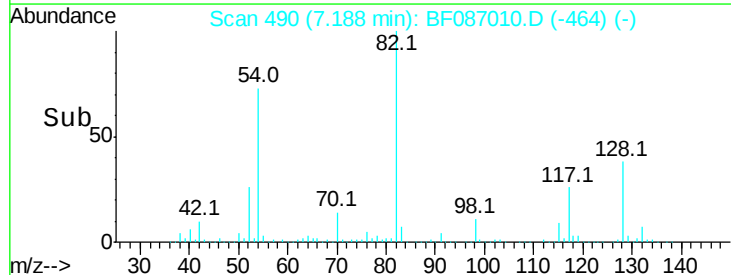
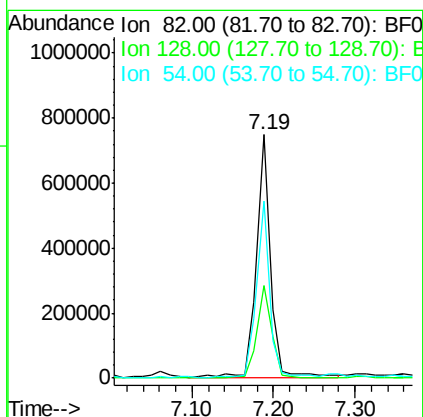
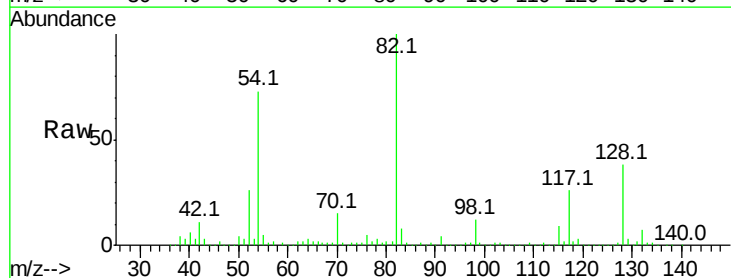
Instrument :
BNA_F
ClientSampleId :
MW-3

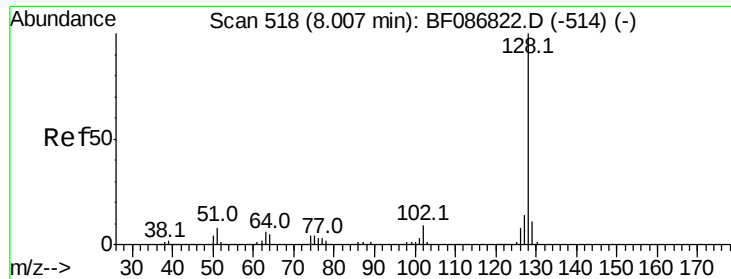
Tot Ion:136	Resp:	567522
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	22.6	5.0 7.4#
68	14.4	4.4 6.6#



#23
Nitrobenzene-d5
Concen: 78.03 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion: 82	Resp:	881877
Ion	Ratio	Lower Upper
82	100	
128	38.2	40.6 61.0#
54	72.6	38.1 57.1#

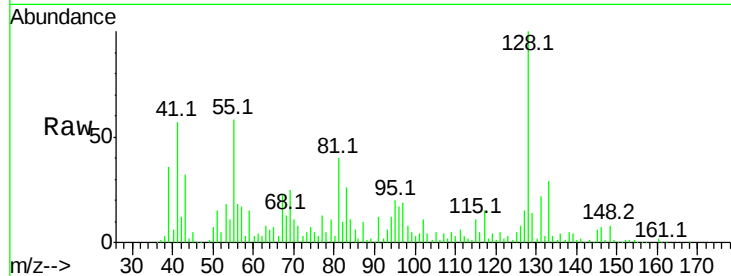




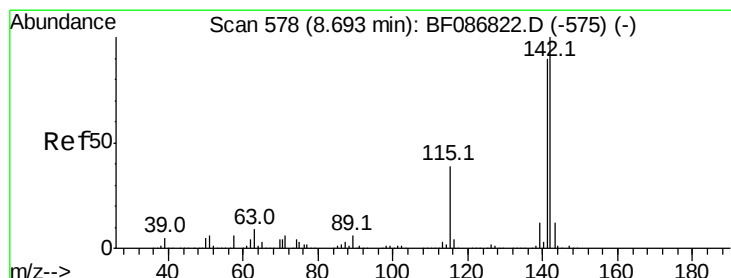
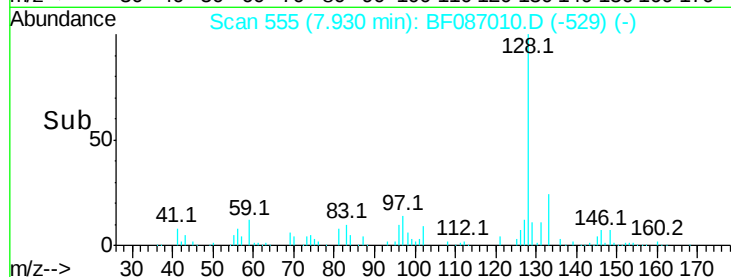
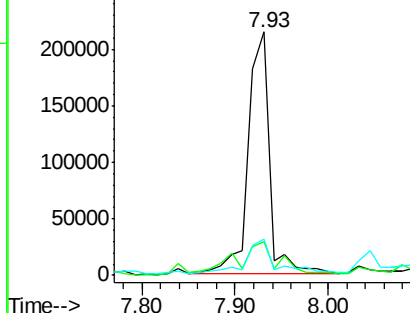
#31
Naphthalene
Concen: 11.71 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:128 Resp: 332905
Ion Ratio Lower Upper
128 100
129 14.1 8.6 13.0#
127 15.1 10.8 16.2

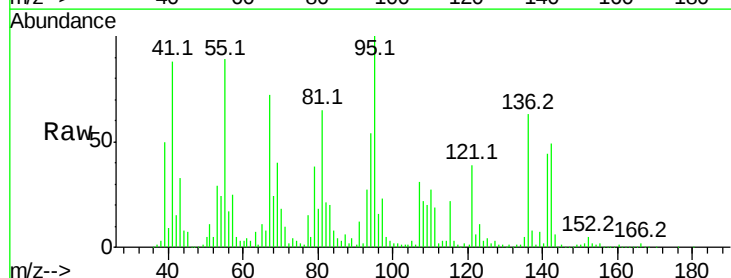


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

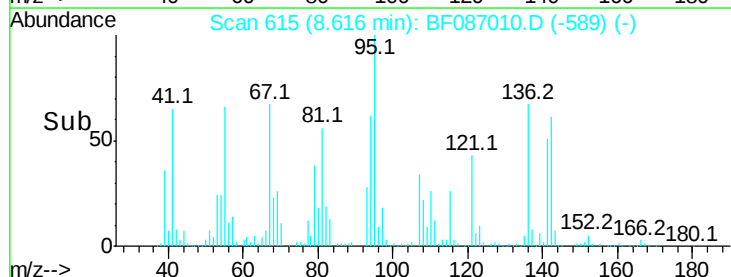
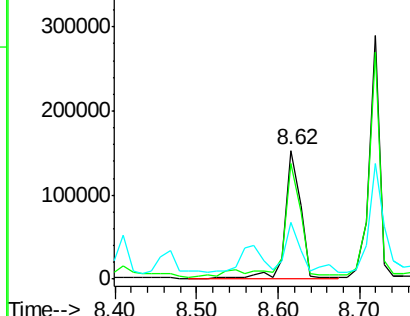


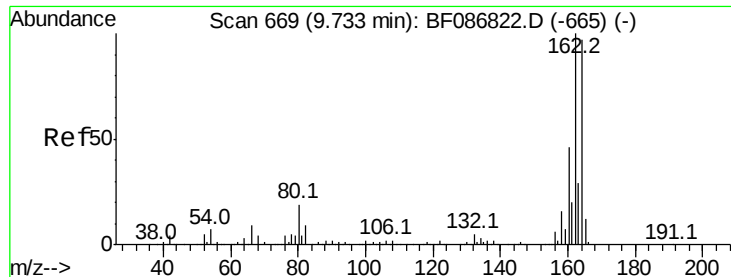
#37
2-Methylnaphthalene
Concen: 12.02 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:142 Resp: 199754
Ion Ratio Lower Upper
142 100
141 89.3 71.0 106.6
115 44.0 26.6 39.8#



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: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

Instrument :

BNA_F

ClientSampleId :

MW-3

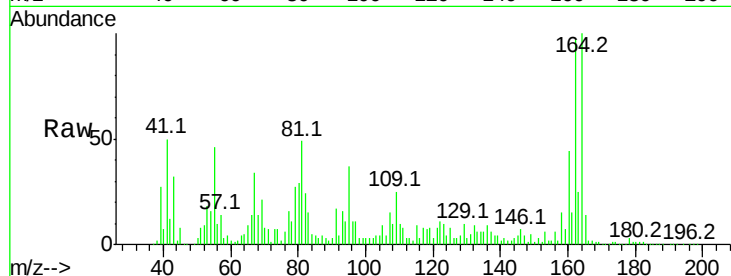
Tot Ion:164 Resp: 288833

Ion Ratio Lower Upper

164 100

162 97.3 82.8 124.2

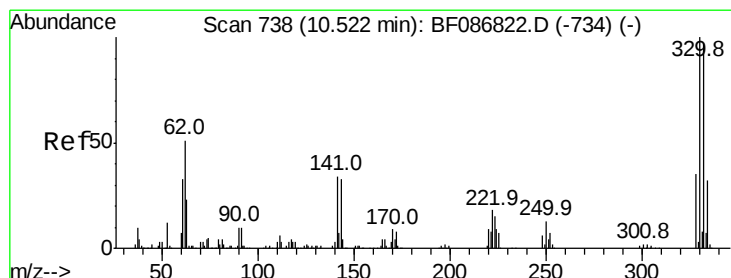
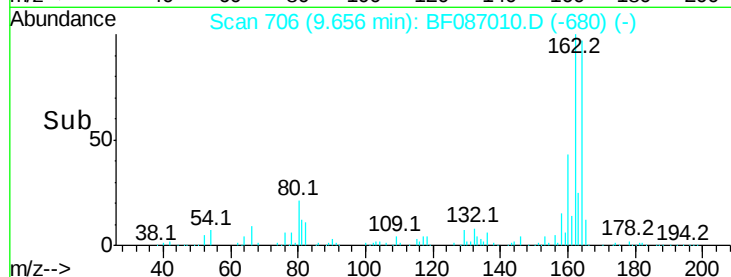
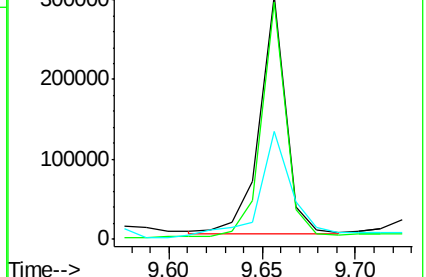
160 44.3 36.9 55.3



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: 99.28 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

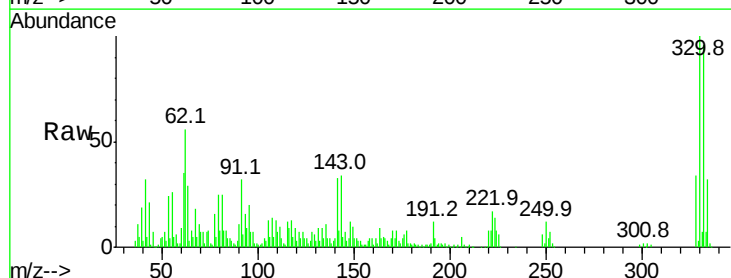
Tgt Ion:330 Resp: 303573

Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

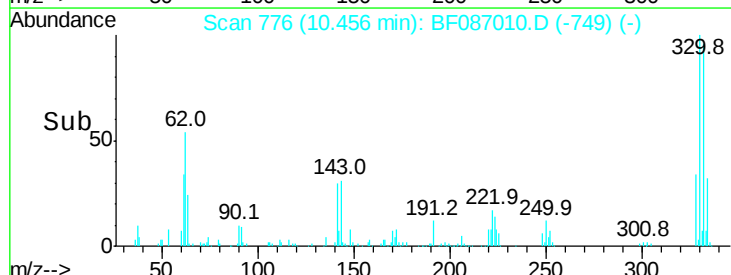
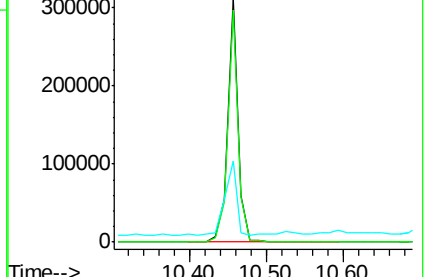
141 34.6 31.2 46.8

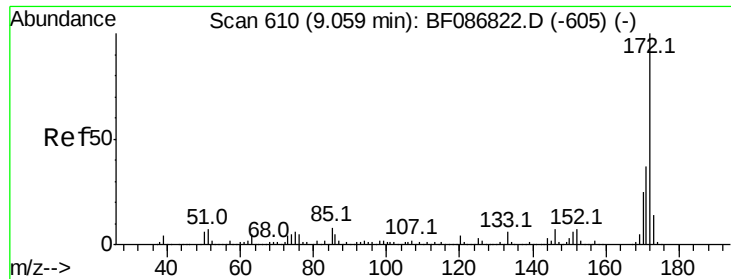


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

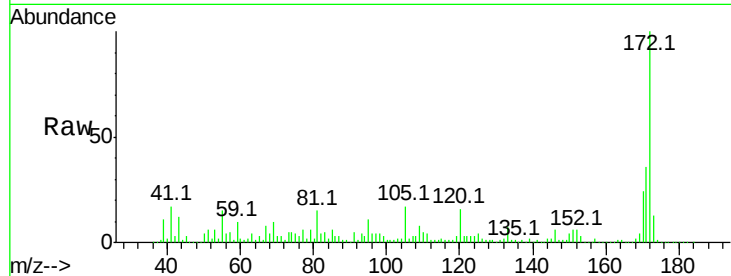




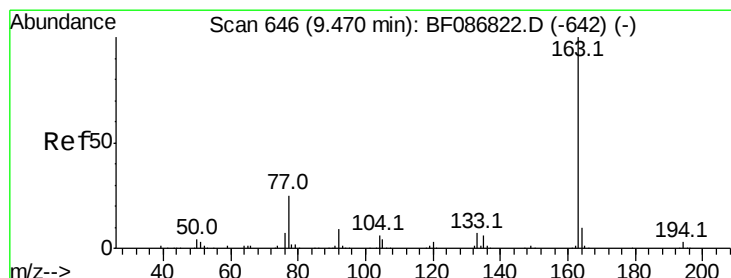
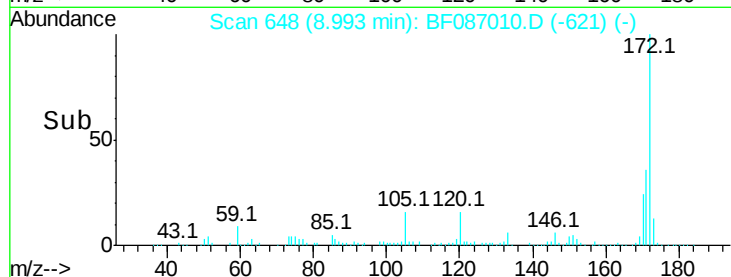
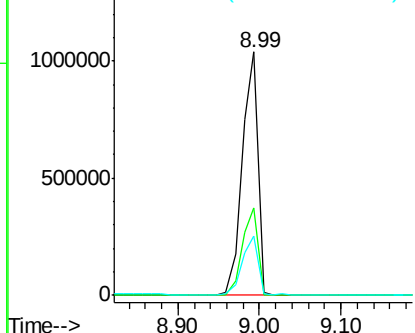
#44
2-Fluorobiphenyl
Concen: 80.26 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:172 Resp: 1379312
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.4 19.8 29.8

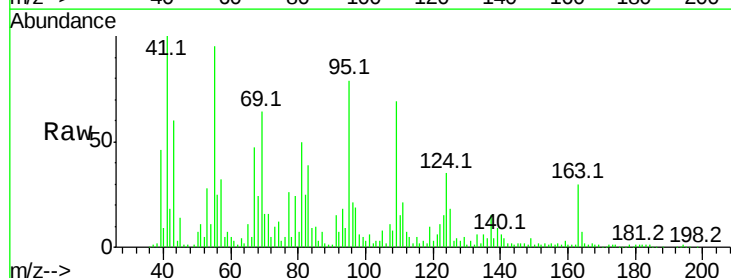


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

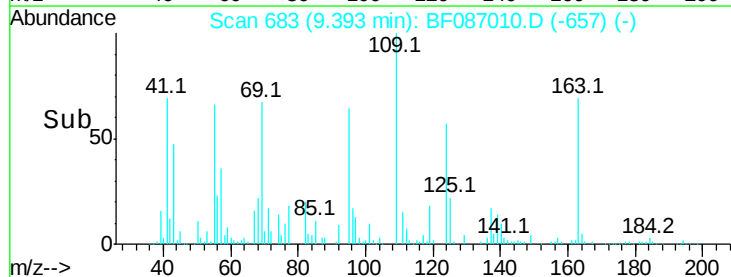
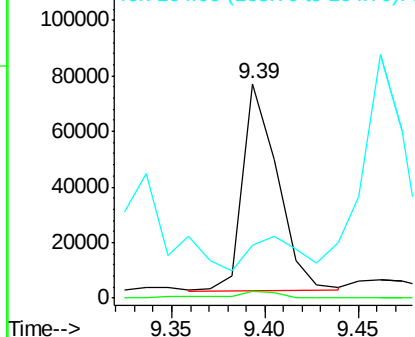


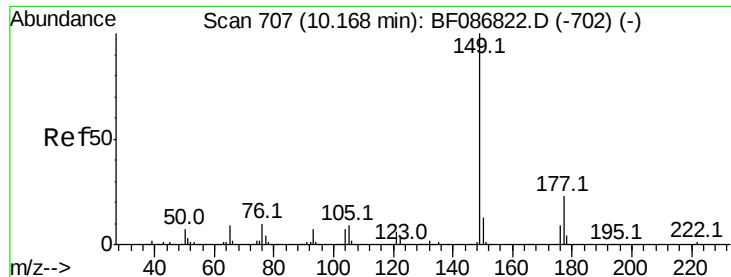
#49
Dimethylphthalate
Concen: 4.42 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:163 Resp: 97424
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 24.9 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

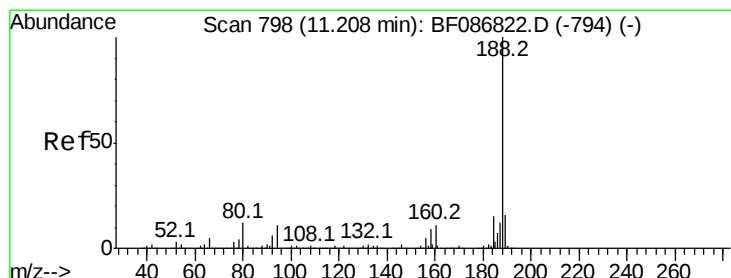
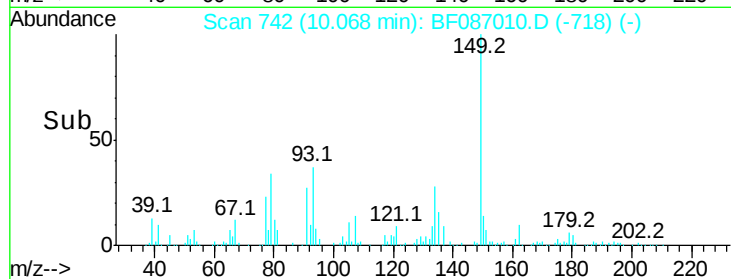
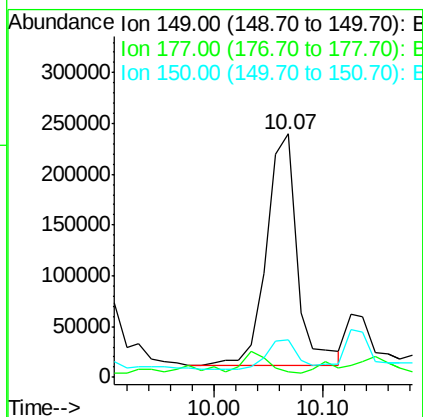
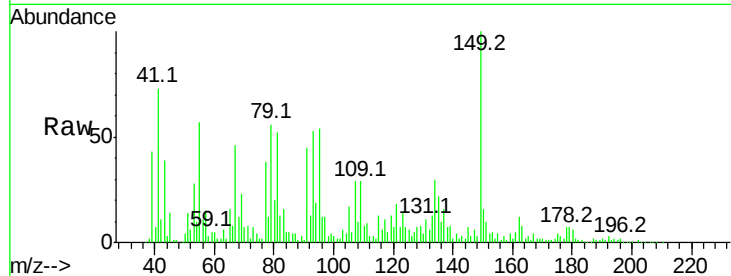




#59
Diethylphthalate
Concen: 20.98 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

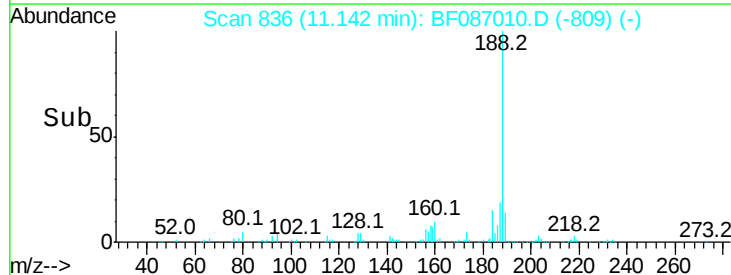
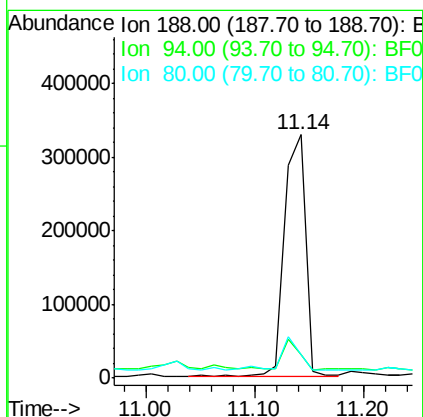
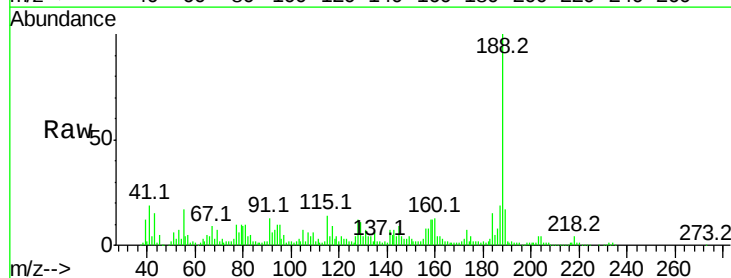
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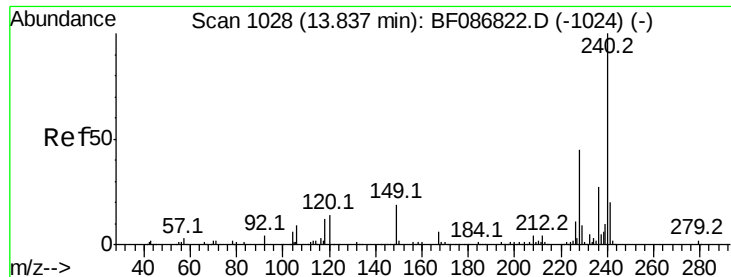
Tot Ion:149 Resp: 450547
Ion Ratio Lower Upper
149 100
177 2.3 16.6 24.8#
150 15.6 10.0 15.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Tgt Ion:188 Resp: 440780
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 9.4 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

Instrument :

BNA_F

ClientSampleID :

MW-3

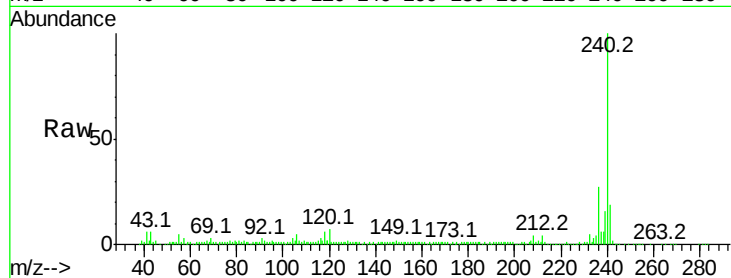
Tot Ion:240 Resp: 313578

Ion Ratio Lower Upper

240 100

120 7.1 11.2 16.8#

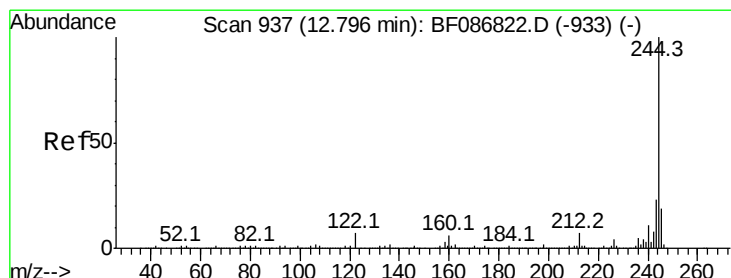
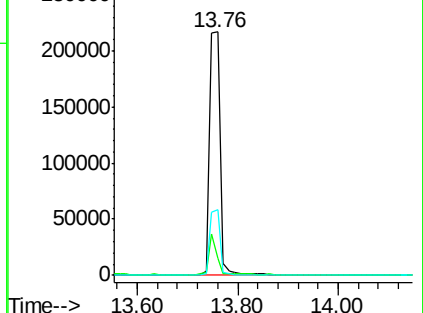
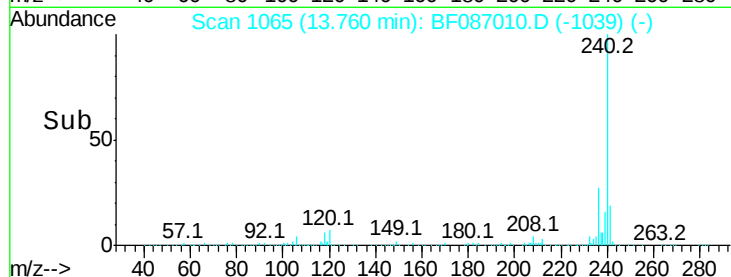
236 26.8 21.2 31.8



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: 70.77 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087010.D

Acq: 14 May 2016 10:24

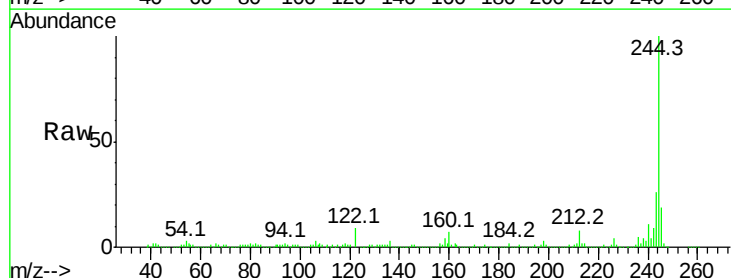
Tgt Ion:244 Resp: 1045997

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

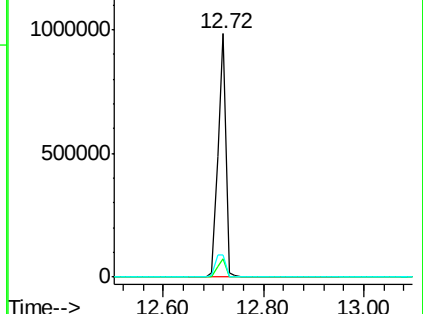
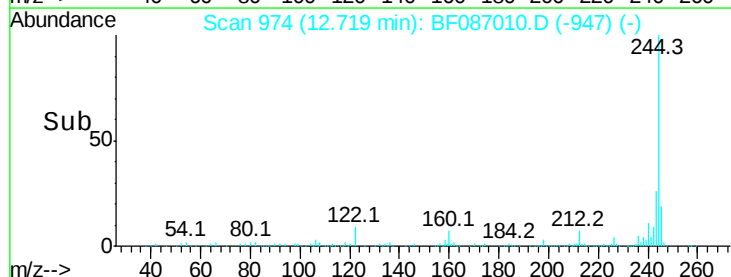
122 8.9 12.0 18.0#

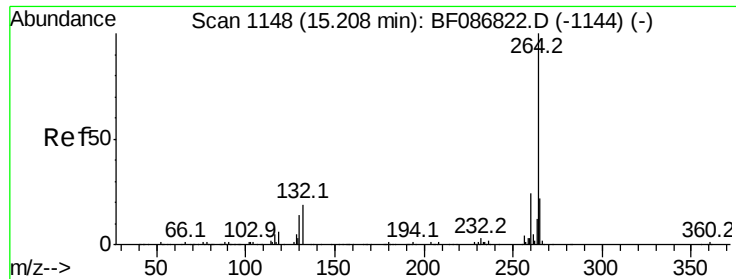


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087010.D
Acq: 14 May 2016 10:24

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:264 Resp: 284807

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.3	25.9

