

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087025.D
 Acq On : 14 May 2016 17:41
 Operator : UM/SJ
 Sample : H2947-04
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: May 16 02:27:34 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

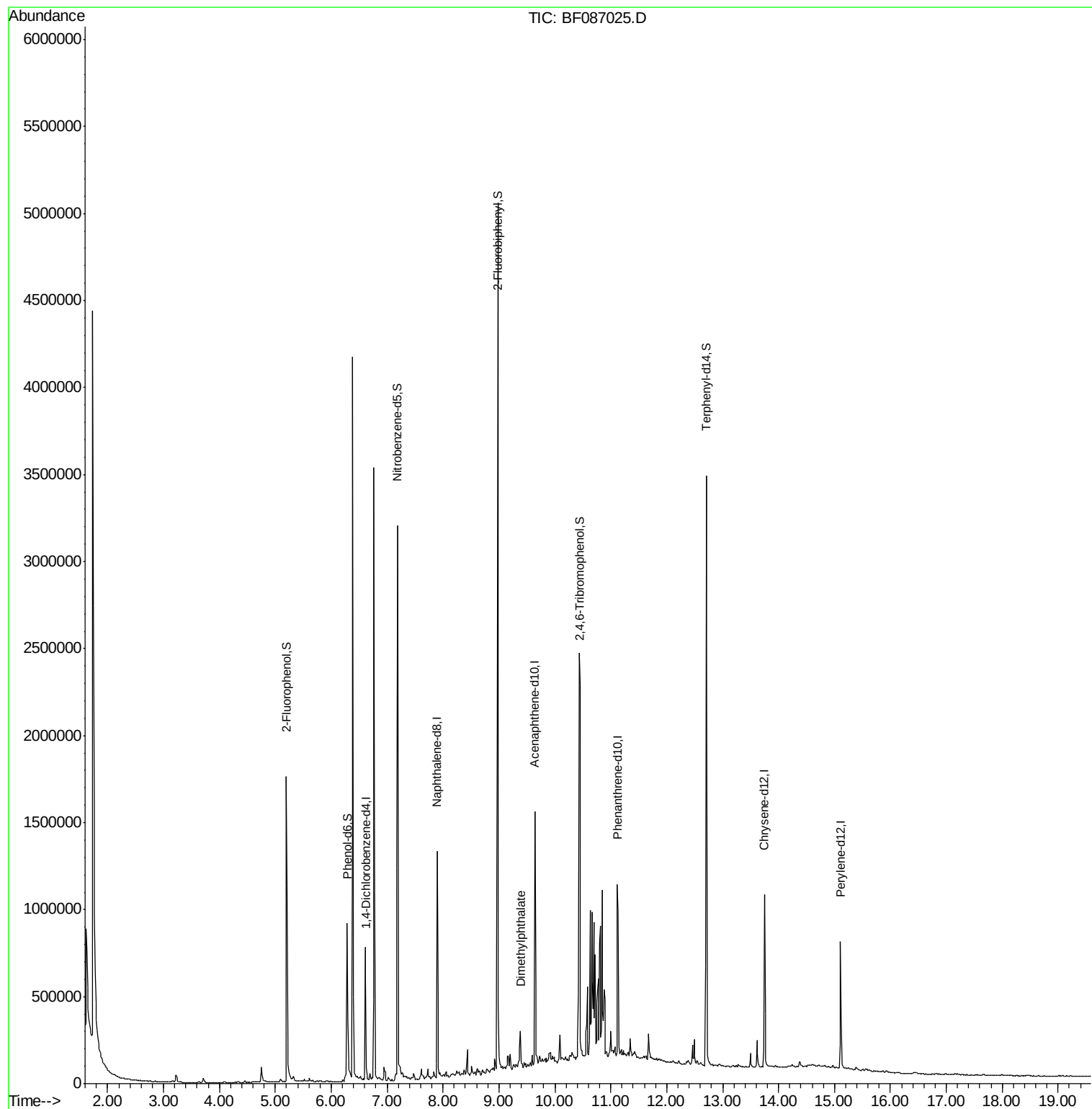
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	146759	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	585107	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	275558	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	498949	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	345034	20.00	ng	-0.01
86) Perylene-d12	15.11	264	297329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	580986	67.04	ng	0.00
7) Phenol-d6	6.28	99	470312	40.61	ng	0.00
23) Nitrobenzene-d5	7.19	82	1061436	91.09	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	444298	152.30	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1588982	96.91	ng	0.00
78) Terphenyl-d14	12.71	244	1427820	87.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	69215	3.29	ng	Qvalue 100

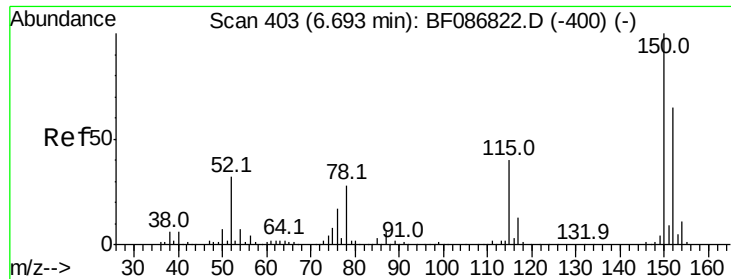
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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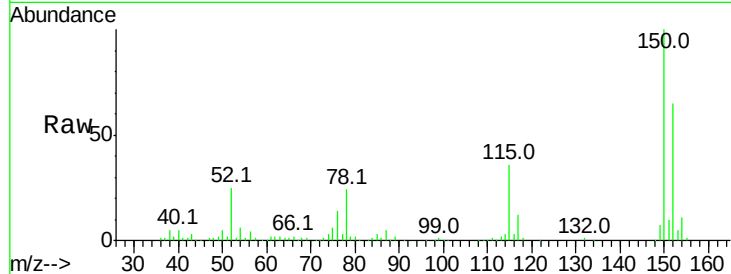


#1

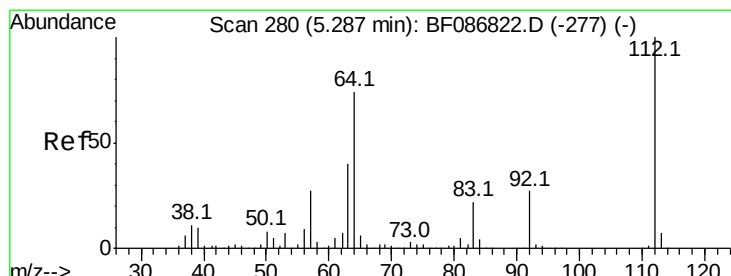
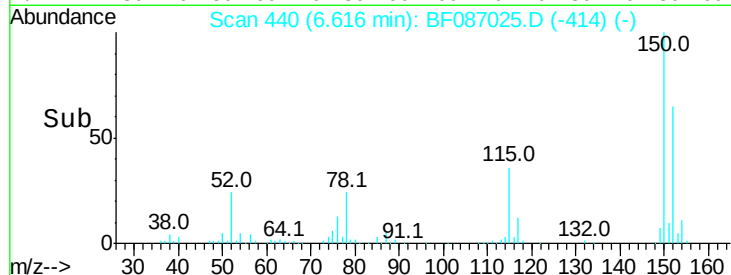
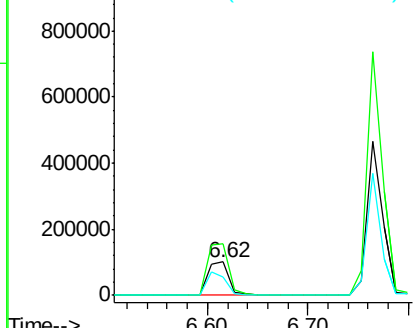
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

Instrument :
BNA_F
ClientSampled :
MW-15

Tot Ion:152 Resp: 146759
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 56.2 51.5 77.3



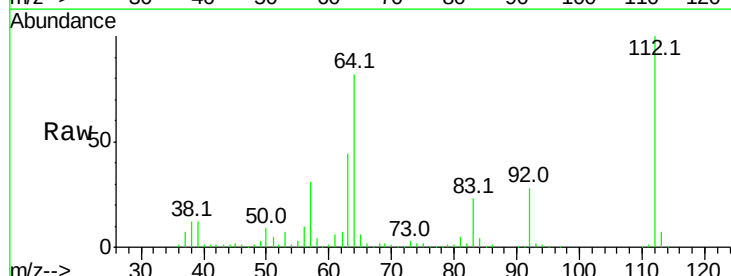
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



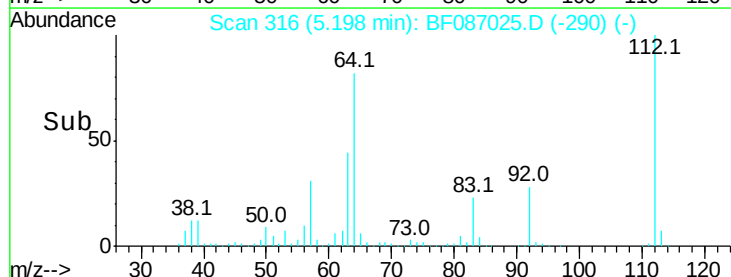
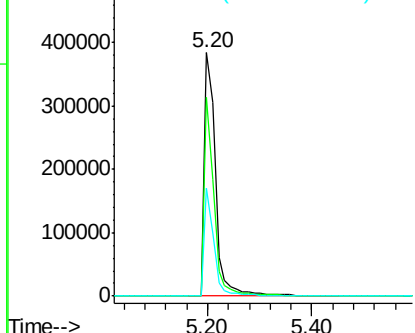
#5

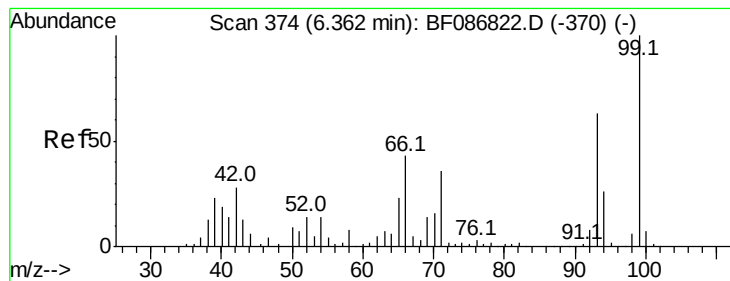
2-Fluorophenol
Concen: 67.04 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF087025.D
Acq: 14 May 2016 17:41

Tgt Ion:112 Resp: 580986
Ion Ratio Lower Upper
112 100
64 81.8 52.1 78.1#
63 44.2 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: 40.61 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

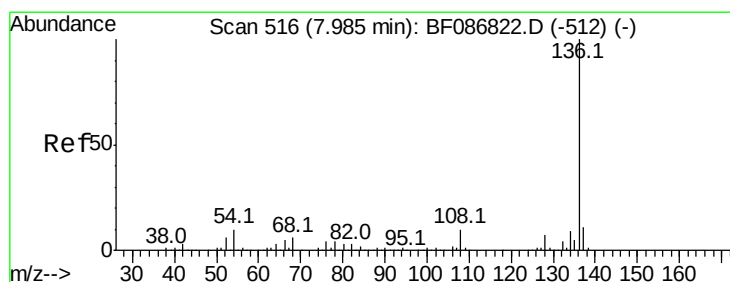
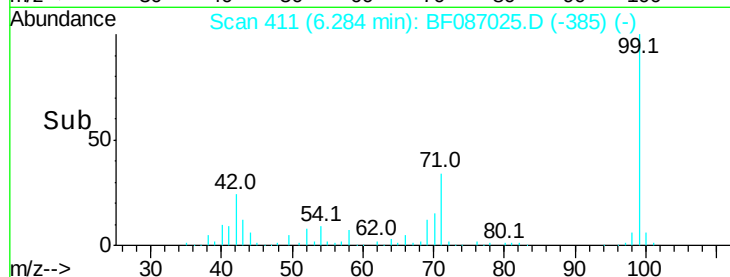
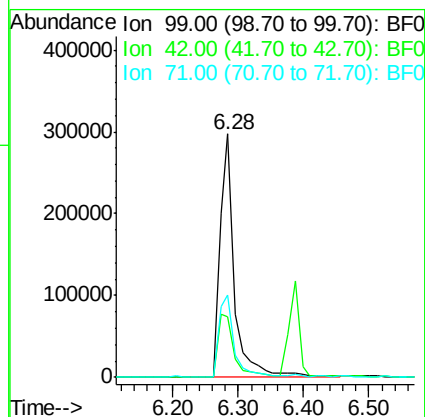
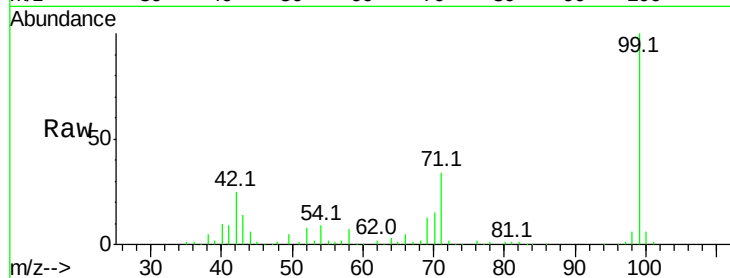
BNA_F

ClientSampleId :

MW-15

Tot Ion: 99 Resp: 470312

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.6	20.4#
71	33.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

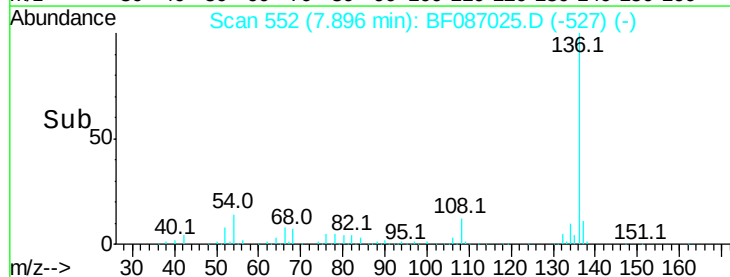
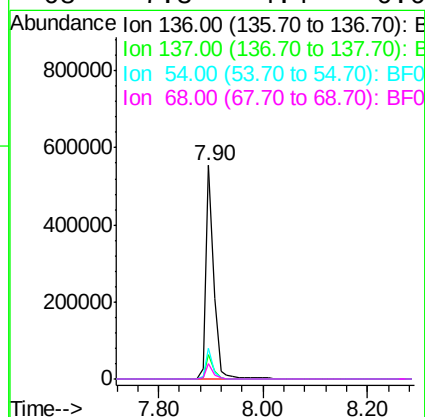
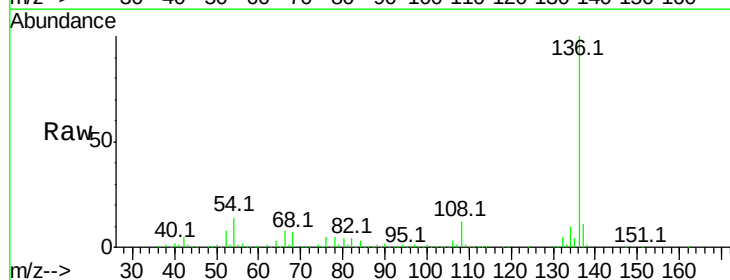
Delta R.T. -0.01 min

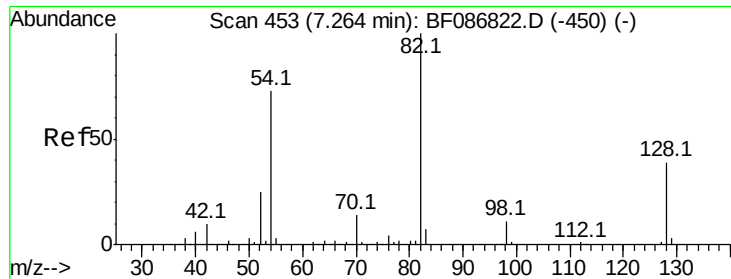
Lab File: BF087025.D

Acq: 14 May 2016 17:41

Tgt Ion: 136 Resp: 585107

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.2	5.0	7.4#
68	7.3	4.4	6.6#

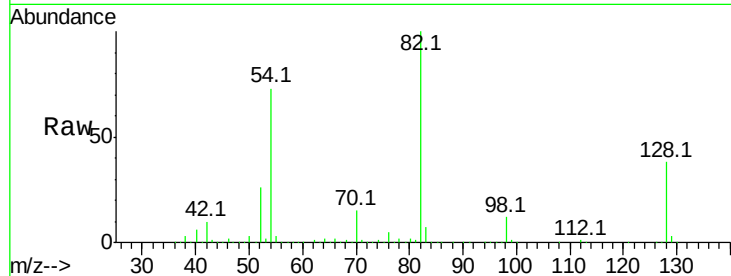




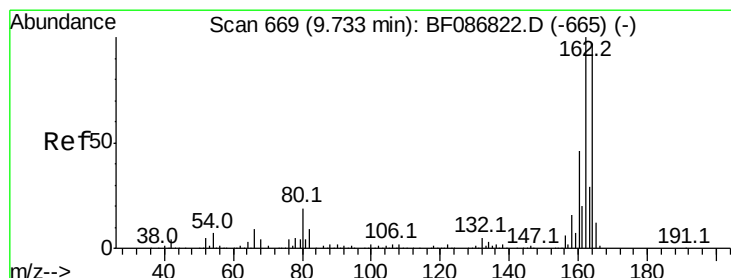
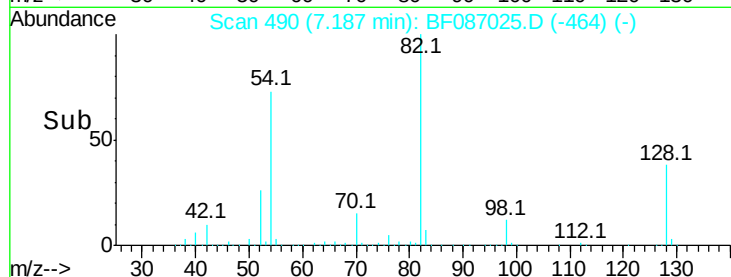
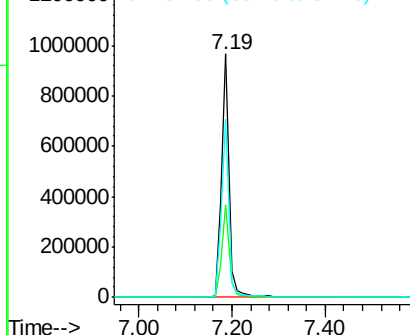
#23
 Nitrobenzene-d5
 Concen: 91.09 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion: 82 Resp: 1061436
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 73.1 38.1 57.1#

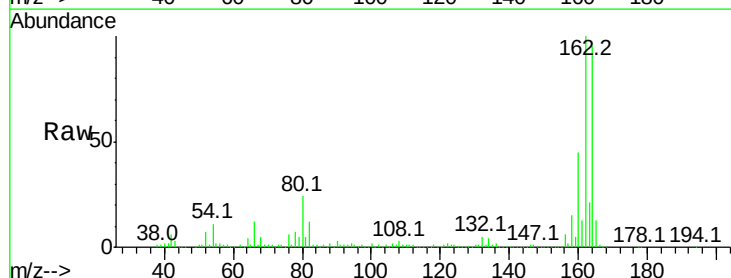


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

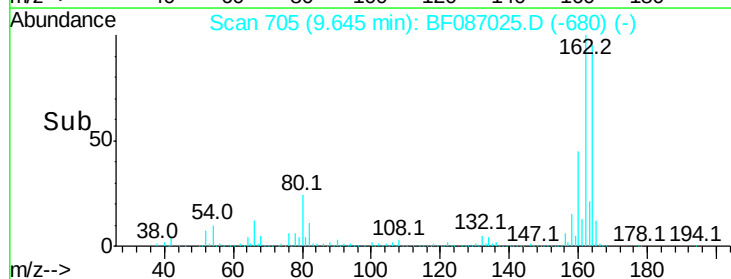
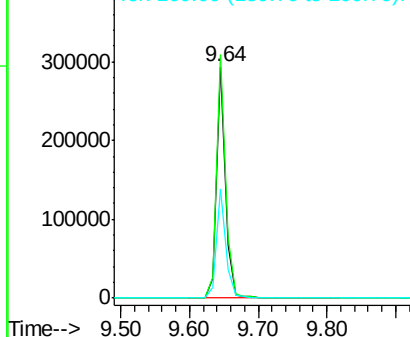


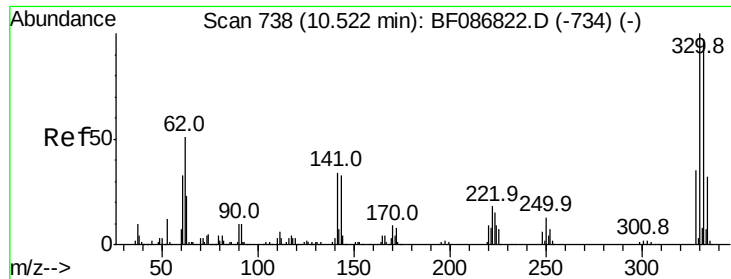
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Tgt Ion: 164 Resp: 275558
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 47.3 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

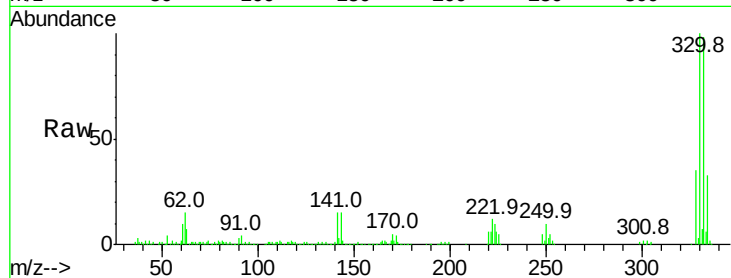




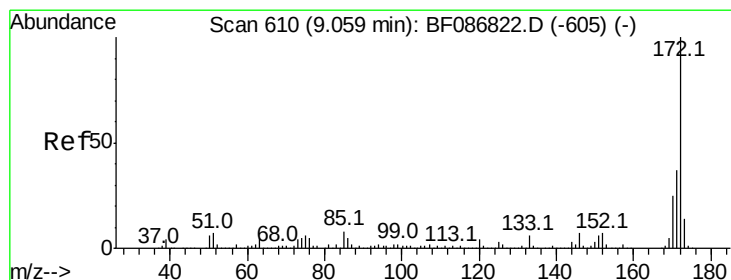
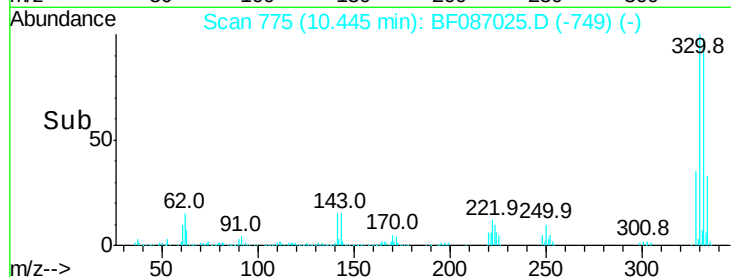
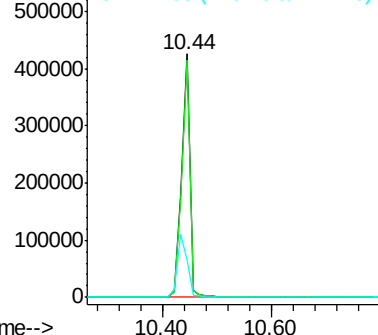
#41
 2,4,6-Tribromophenol
 Concen: 152.30 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Instrument :
 BNA_F
 ClientSampled :
 MW-15

Tot Ion:330 Resp: 444298
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 30.6 31.2 46.8#

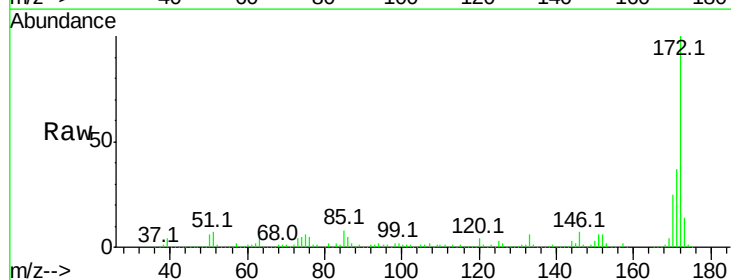


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

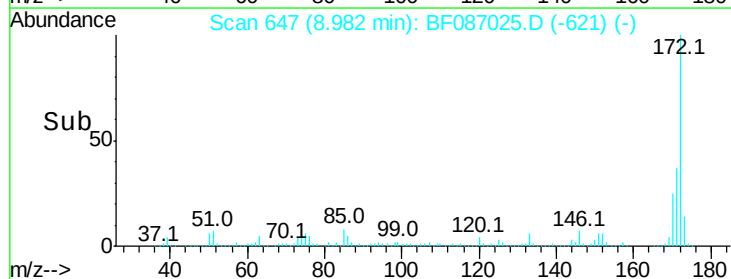
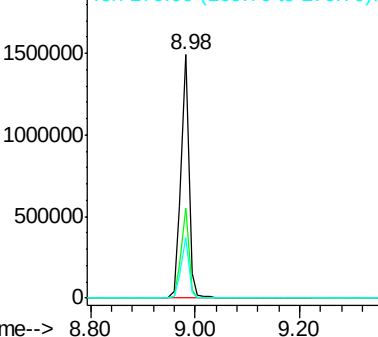


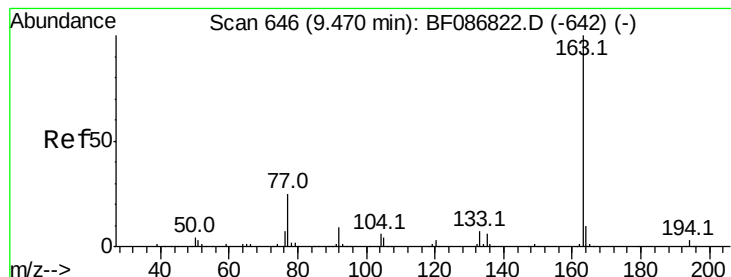
#44
 2-Fluorobiphenyl
 Concen: 96.91 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Tgt Ion:172 Resp: 1588982
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.0 43.6
 170 24.9 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: 3.29 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampleId :

MW-15

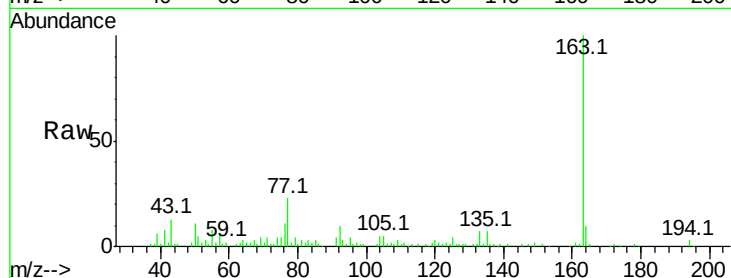
Tot Ion:163 Resp: 69215

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

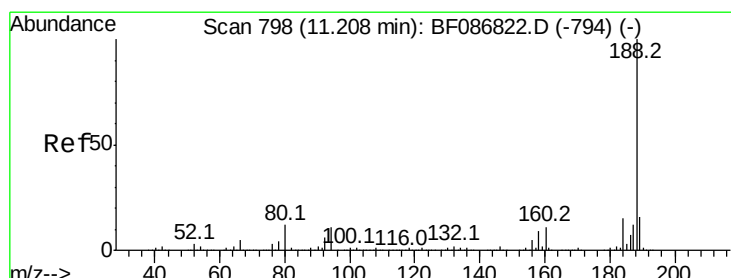
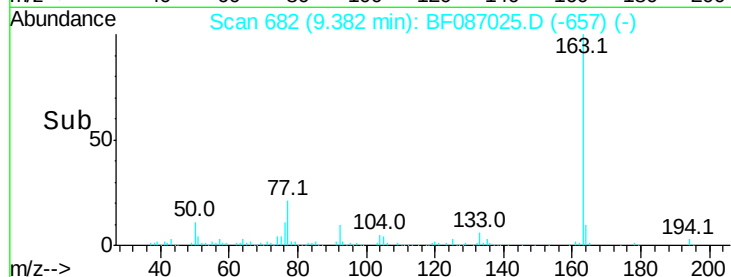
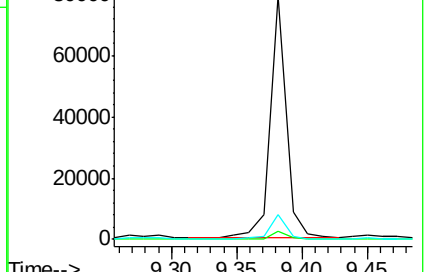
164 10.3 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

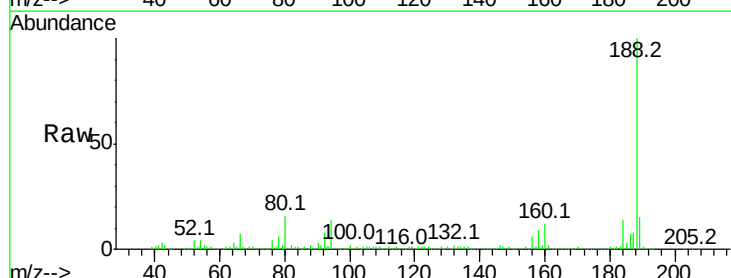
Tgt Ion:188 Resp: 498949

Ion Ratio Lower Upper

188 100

94 14.1 6.8 10.2#

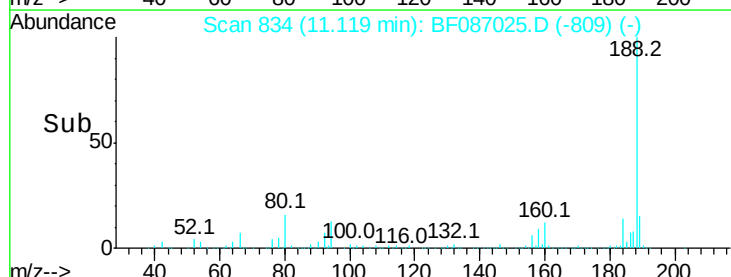
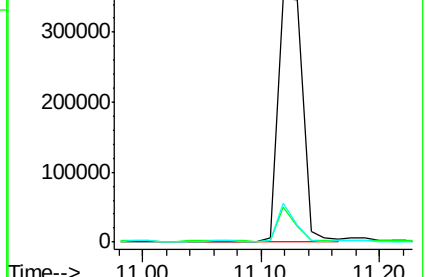
80 16.2 7.1 10.7#

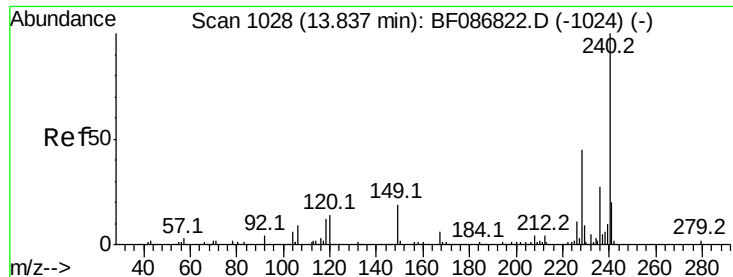


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

Instrument :

BNA_F

ClientSampled :

MW-15

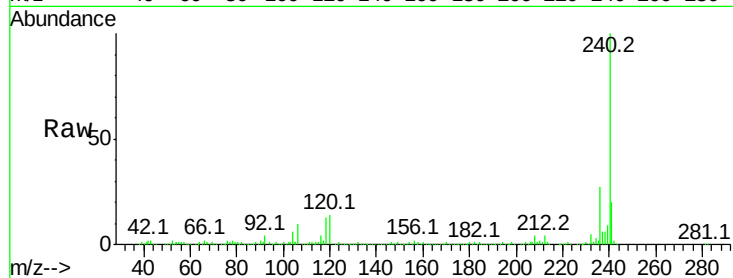
Tot Ion:240 Resp: 345034

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

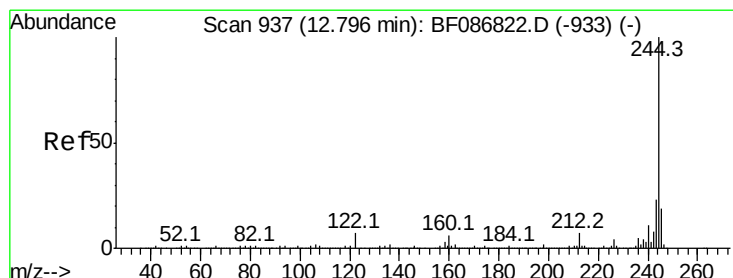
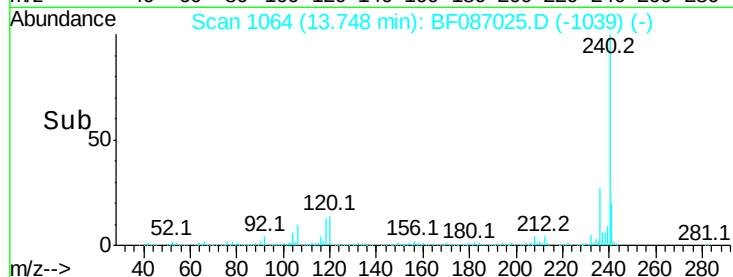
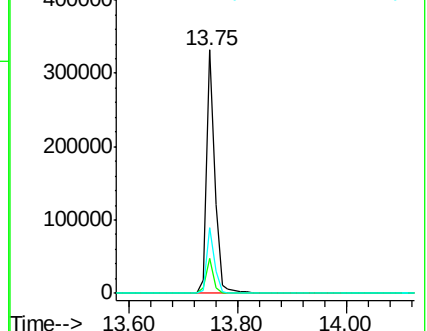
236 26.8 21.2 31.8



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: 87.80 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF087025.D

Acq: 14 May 2016 17:41

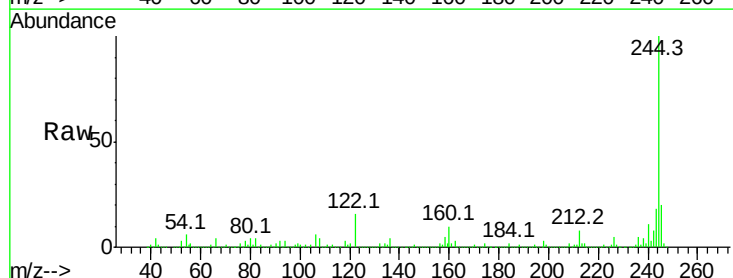
Tgt Ion:244 Resp: 1427820

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

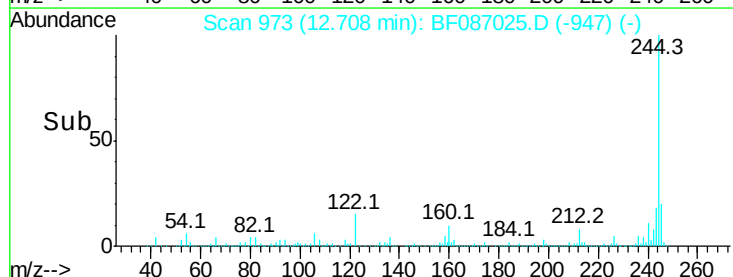
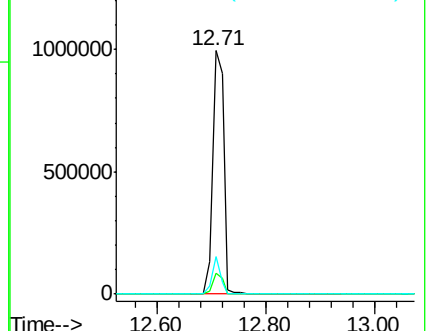
122 15.5 12.0 18.0

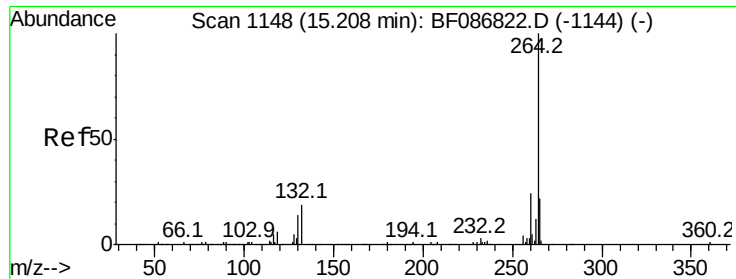


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

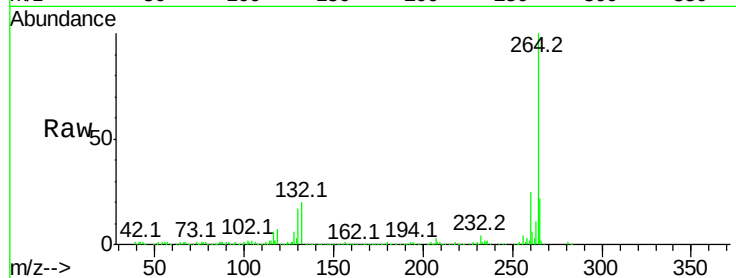




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF087025.D
 Acq: 14 May 2016 17:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.3	25.9



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

