

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086814.D
 Acq On : 8 May 2016 10:34
 Operator : UM/SJ
 Sample : H2720-13 5X
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS7

Quant Time: May 09 03:13:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

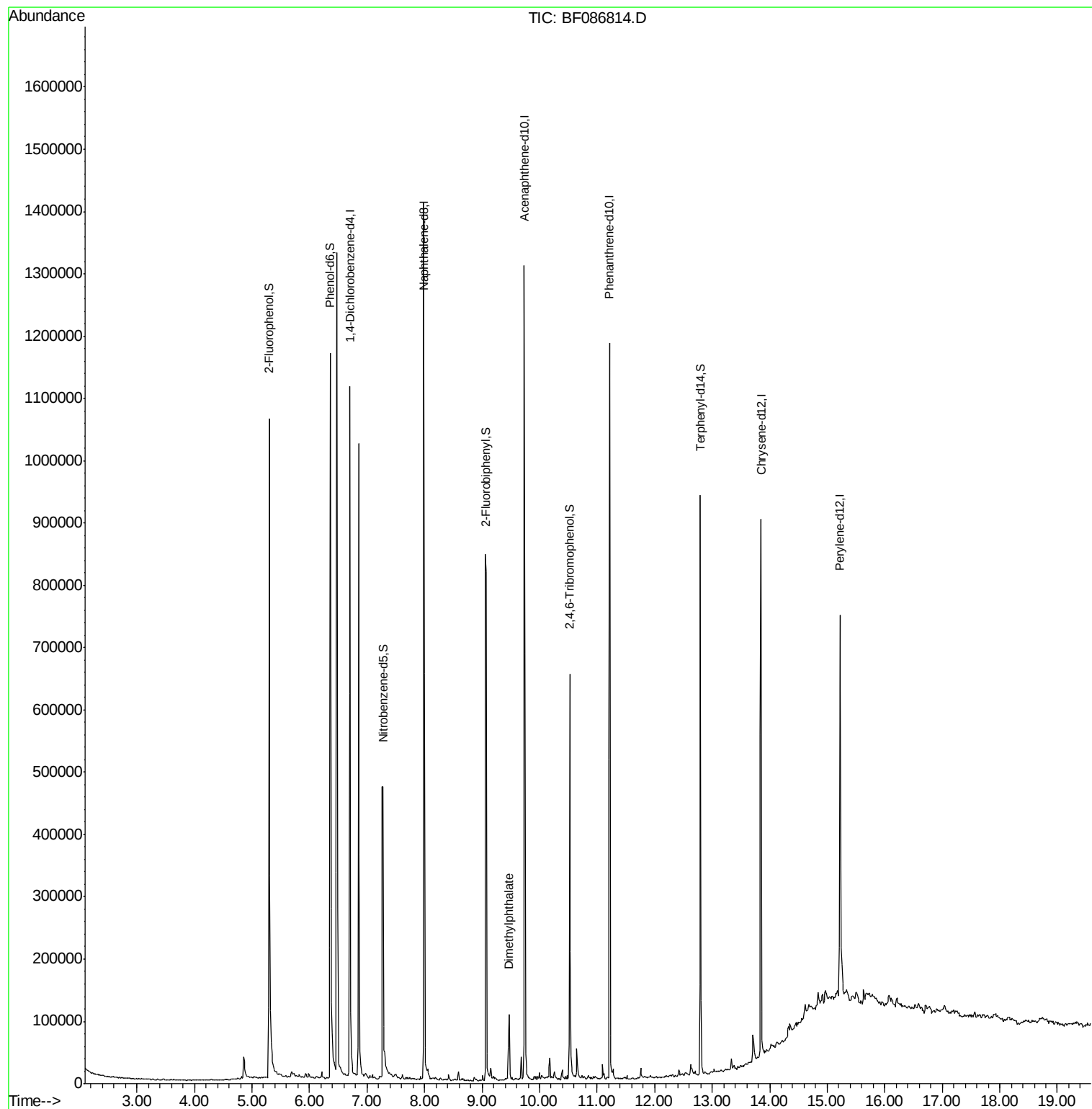
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	190670	40.00	ng	-0.03
21) Naphthalene-d8	7.98	136	689742	40.00	ng	-0.05
38) Acenaphthene-d10	9.73	164	286951	40.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	488016	40.00	ng	-0.03
75) Chrysene-d12	13.85	240	363866	40.00	ng	-0.03
86) Perylene-d12	15.22	264	320326	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	316794	27.51	ng	-0.02
7) Phenol-d6	6.36	99	430936	27.78	ng	-0.01
23) Nitrobenzene-d5	7.28	82	251212	18.72	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	72547	25.84	ng	-0.05
44) 2-Fluorobiphenyl	9.07	172	410282	23.44	ng	-0.03
78) Terphenyl-d14	12.80	244	262526	14.58	ng	-0.05
Target Compounds						
49) Dimethylphthalate	9.47	163	47971	2.24	ng	Qvalue 99

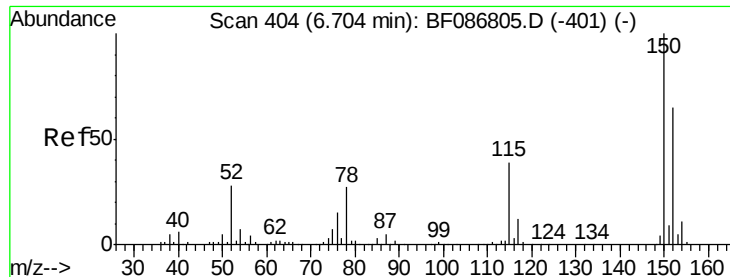
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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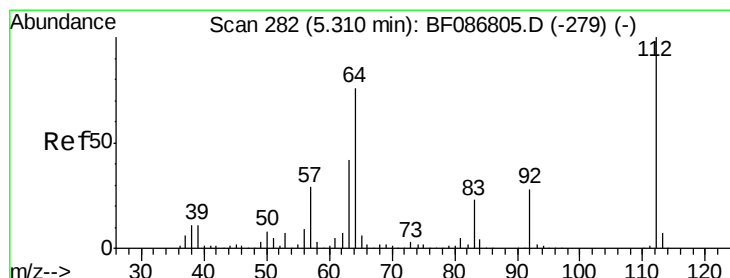
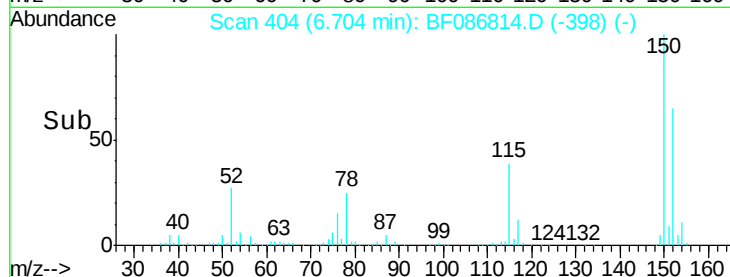
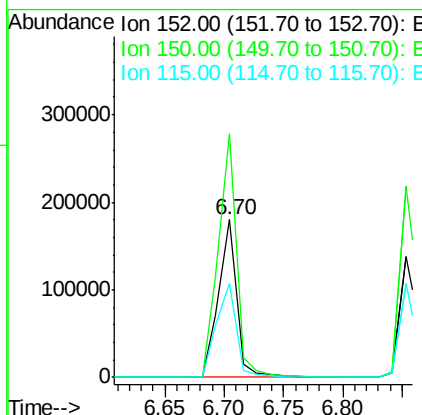
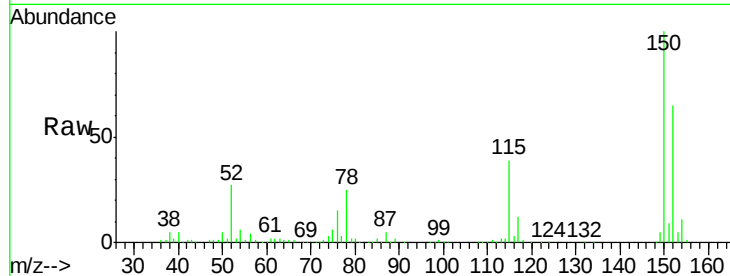


#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.03 min
Lab File: BF086814.D
Acq: 8 May 2016 10:34

Instrument :
BNA_F
ClientSampleId :
SS7

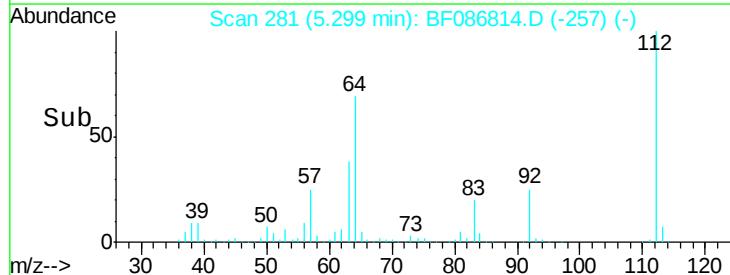
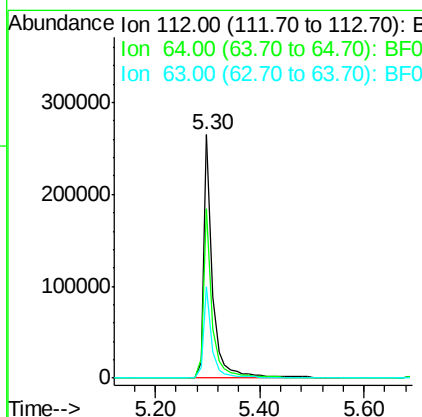
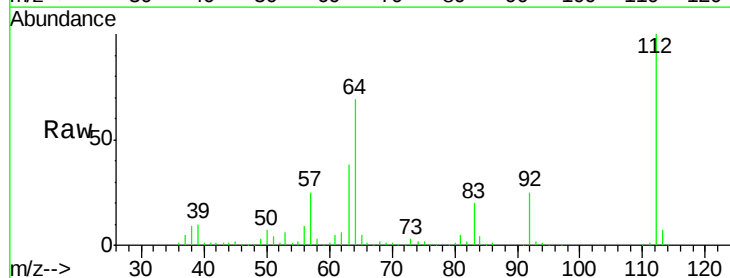
Tgt Ion:152 Resp: 190670
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 59.6 51.5 77.3

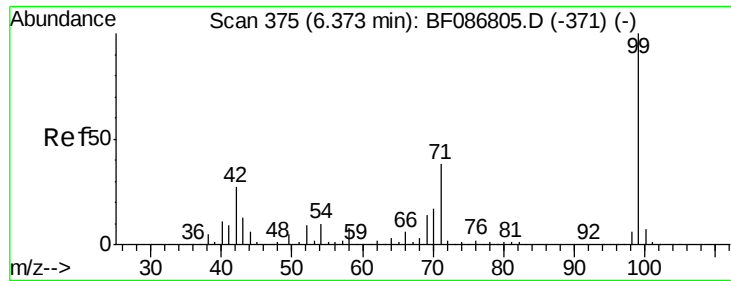


#5

2-Fluorophenol
Concen: 27.51 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF086814.D
Acq: 8 May 2016 10:34

Tgt Ion:112 Resp: 316794
Ion Ratio Lower Upper
112 100
64 69.4 52.1 78.1
63 37.6 25.7 38.5





#7

Phenol-d6

Concen: 27.78 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

Instrument :

BNA_F

ClientSampled :

SS7

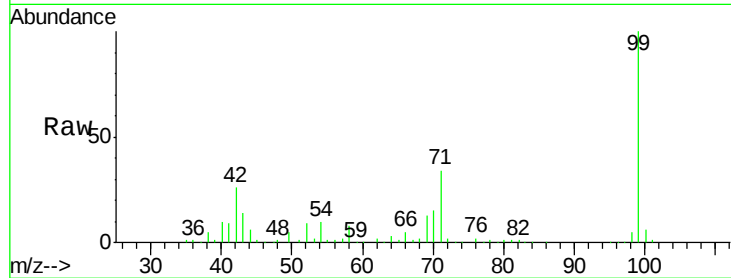
Tgt Ion: 99 Resp: 430936

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

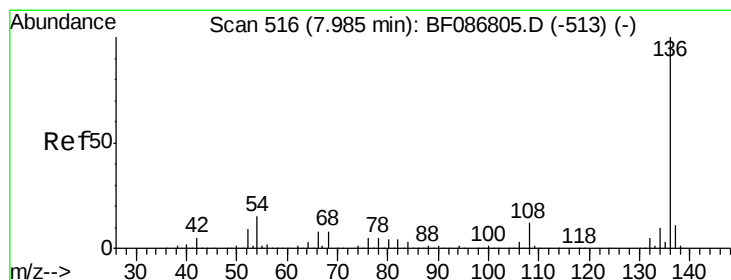
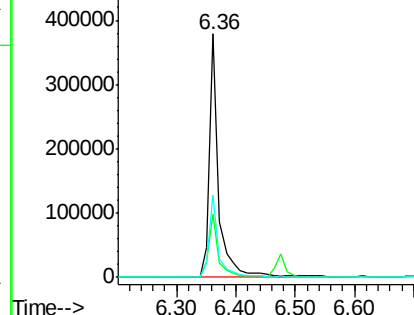
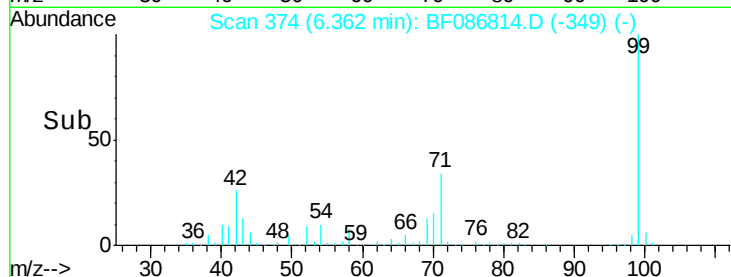
71 33.9 24.6 36.8



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: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.05 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

Tgt Ion: 136 Resp: 689742

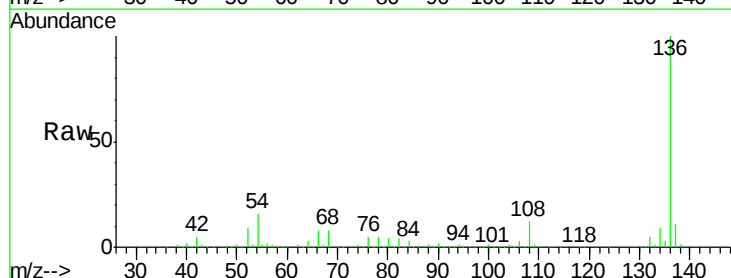
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 15.9 5.0 7.4#

68 8.4 4.4 6.6#

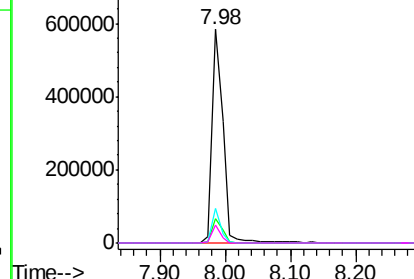
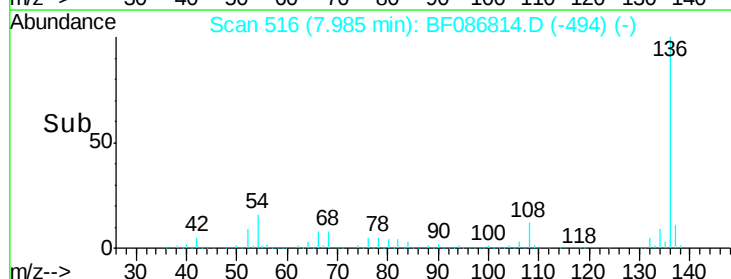


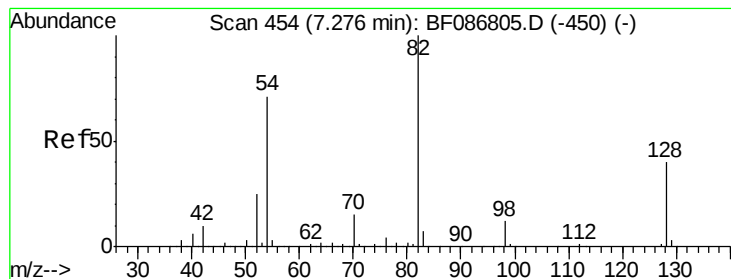
Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.72 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

Instrument :

BNA_F

ClientSampled :

SS7

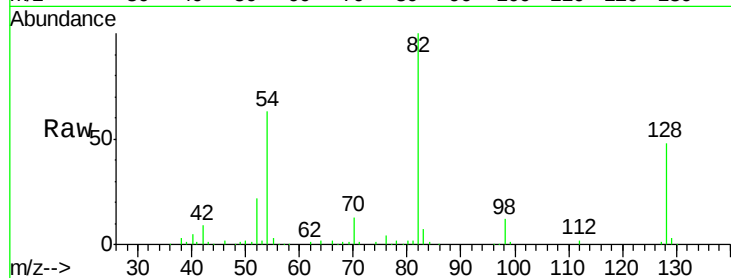
Tgt Ion: 82 Resp: 251212

Ion Ratio Lower Upper

82 100

128 48.2 40.6 61.0

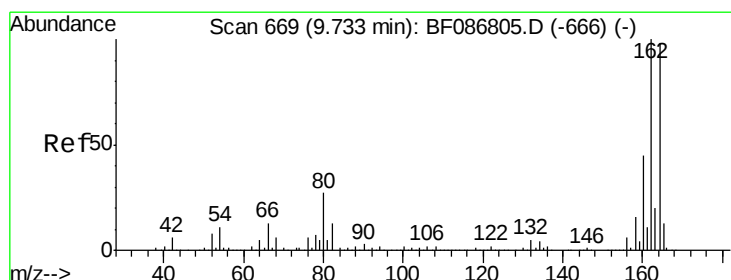
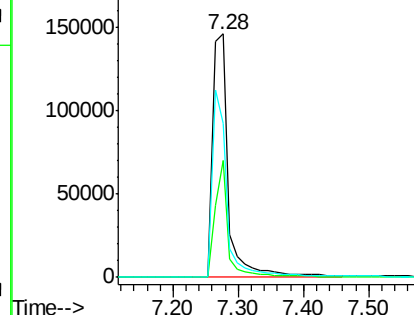
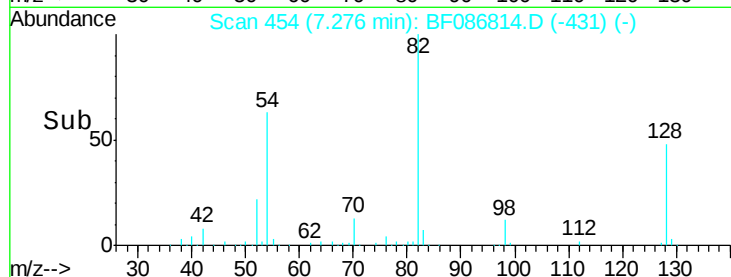
54 63.2 38.1 57.1#



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: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

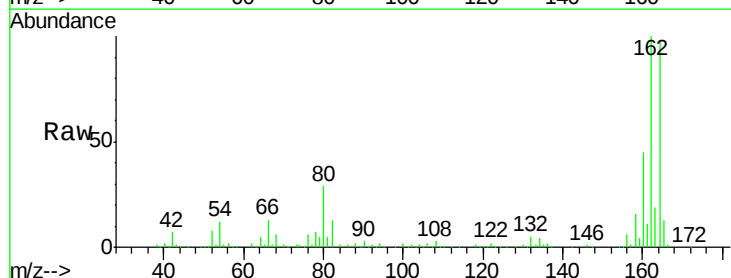
Tgt Ion: 164 Resp: 286951

Ion Ratio Lower Upper

164 100

162 102.3 82.8 124.2

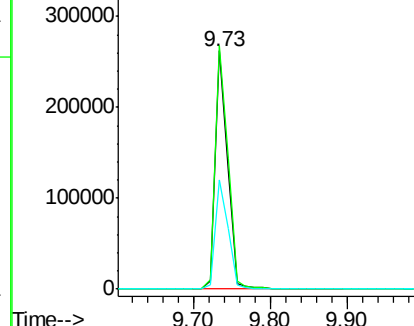
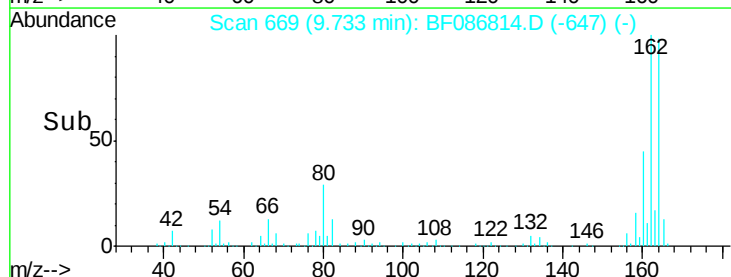
160 45.7 36.9 55.3

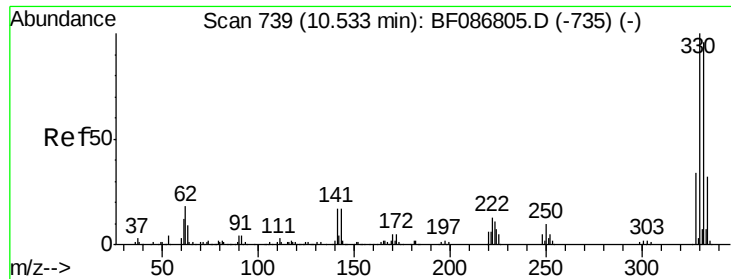


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

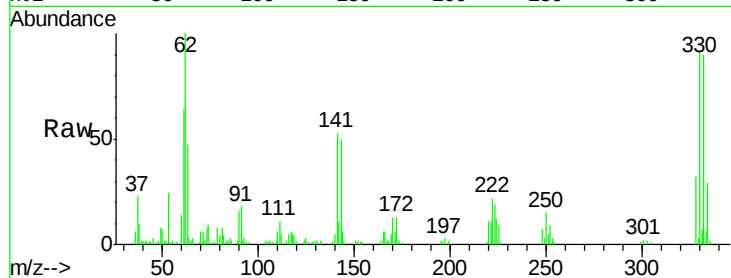




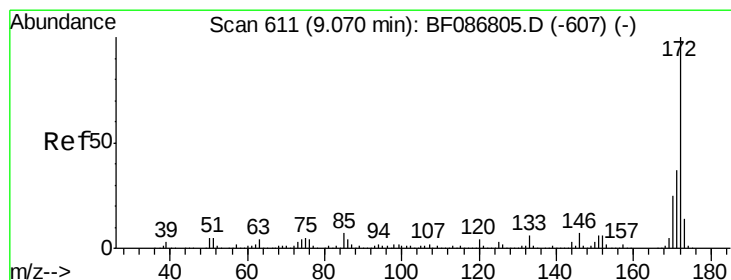
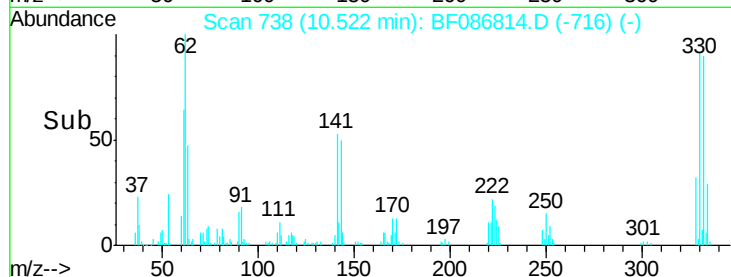
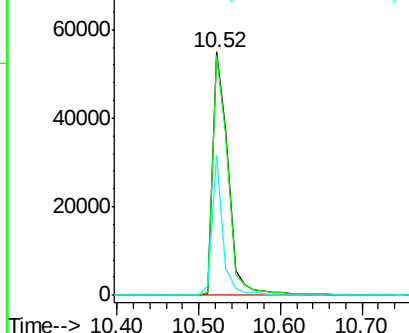
#41
 2,4,6-Tribromophenol
 Concen: 25.84 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.05 min
 Lab File: BF086814.D
 Acq: 8 May 2016 10:34

Instrument :
 BNA_F
 ClientSampled :
 SS7

Tgt Ion:330 Resp: 72547
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 40.9 31.2 46.8

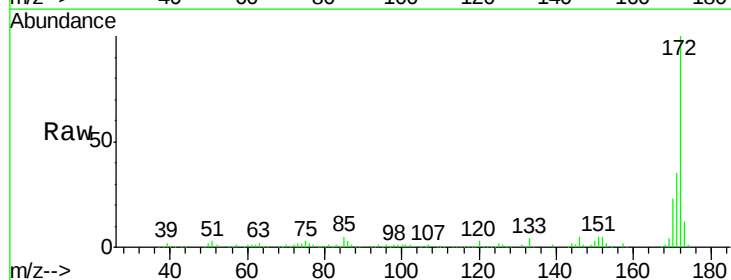


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

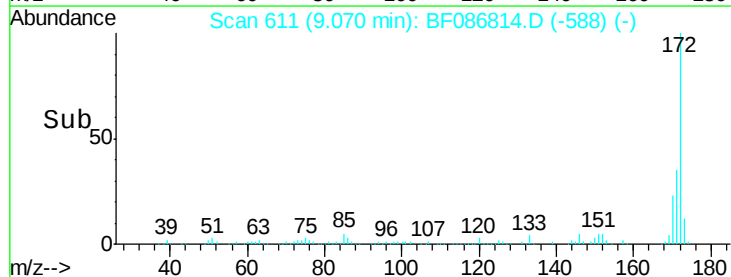
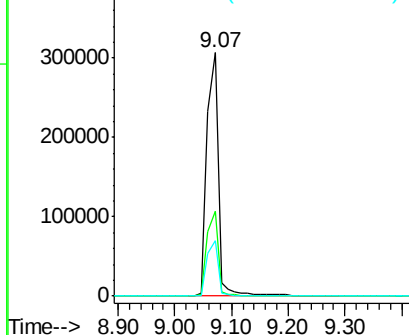


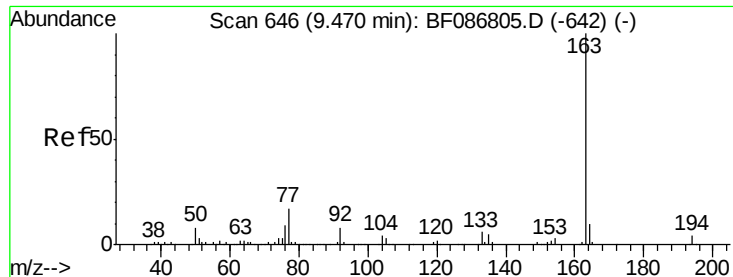
#44
 2-Fluorobiphenyl
 Concen: 23.44 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086814.D
 Acq: 8 May 2016 10:34

Tgt Ion:172 Resp: 410282
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 22.8 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

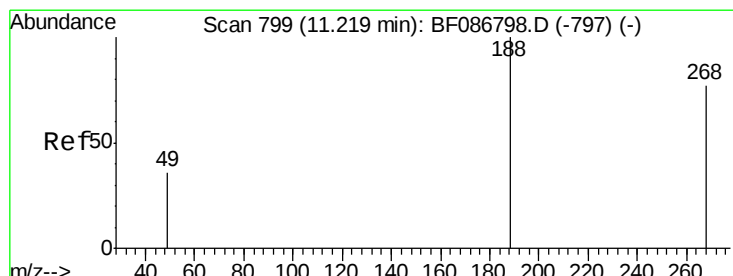
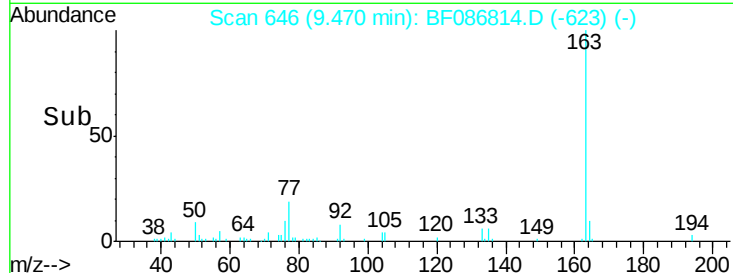
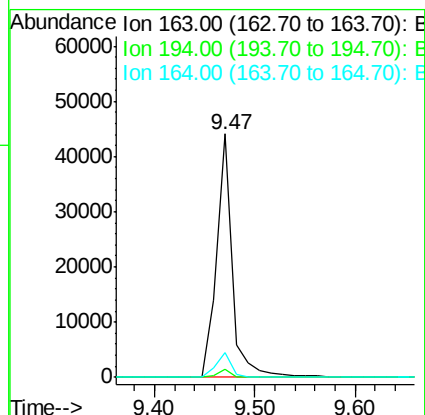
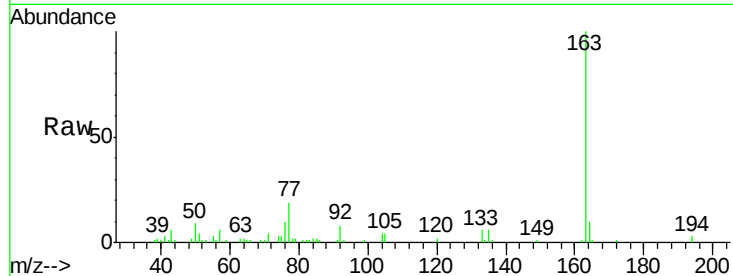




#49
Dimethylphthalate
Concen: 2.24 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF086814.D
Acq: 8 May 2016 10:34

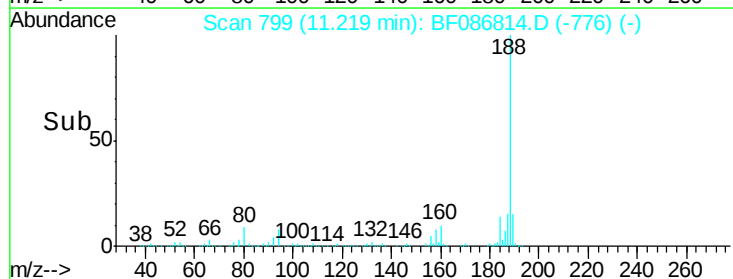
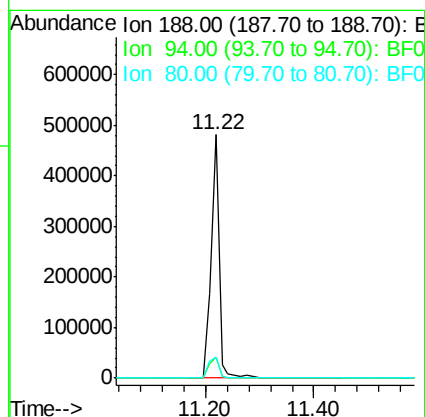
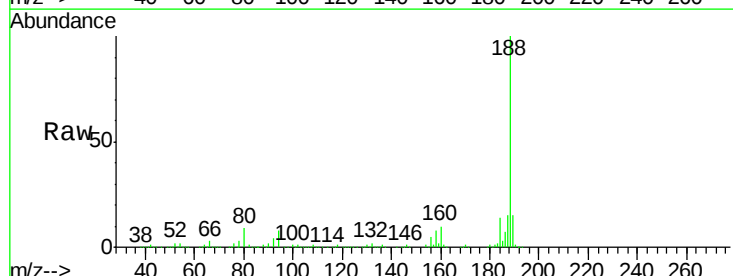
Instrument :
BNA_F
ClientSampleId :
SS7

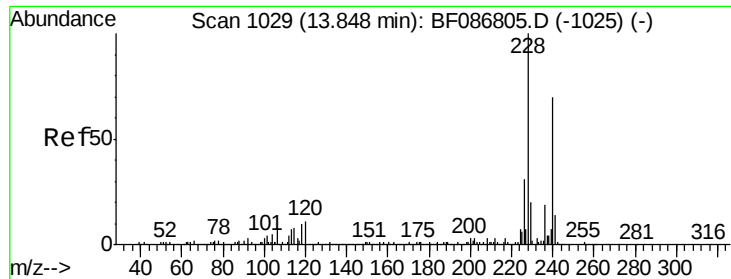
Tgt Ion:163 Resp: 47971
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.2 12.4



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.03 min
Lab File: BF086814.D
Acq: 8 May 2016 10:34

Tgt Ion:188 Resp: 488016
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 8.6 7.1 10.7





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

Instrument :

BNA_F

ClientSampleId :

SS7

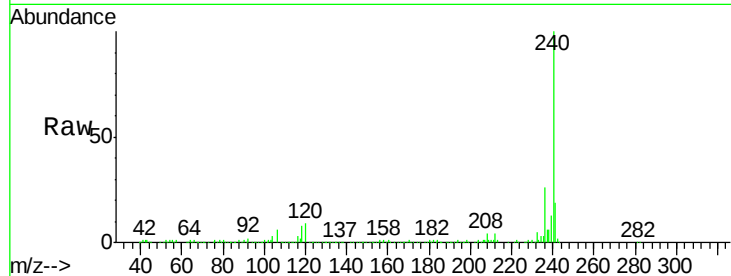
Tgt Ion:240 Resp: 363866

Ion Ratio Lower Upper

240 100

120 9.3 11.2 16.8#

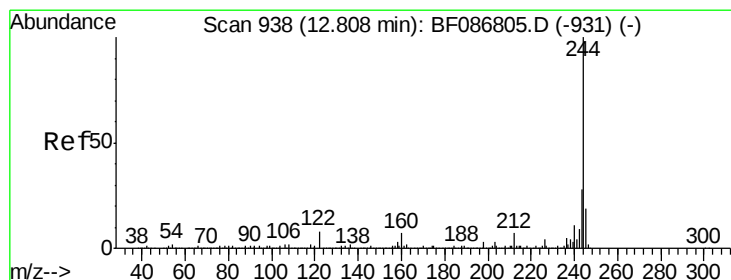
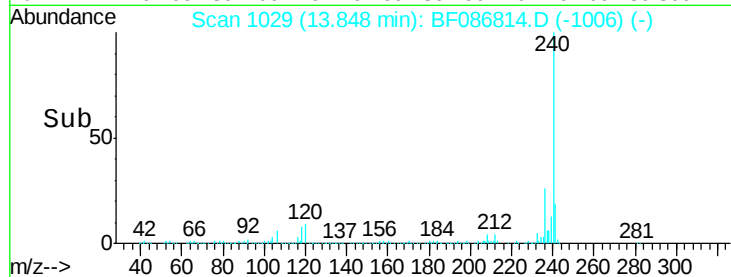
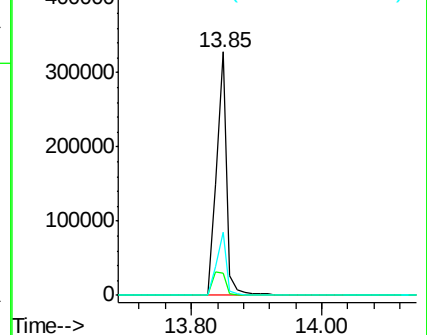
236 26.2 21.2 31.8



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: 14.58 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.05 min

Lab File: BF086814.D

Acq: 8 May 2016 10:34

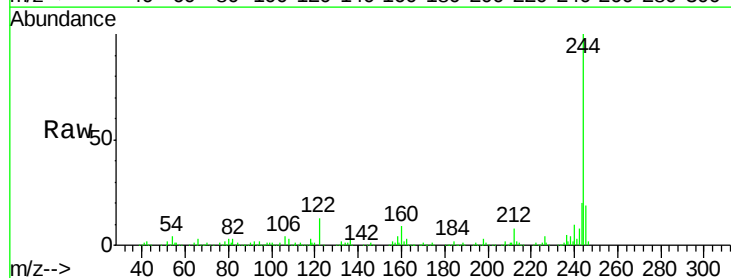
Tgt Ion:244 Resp: 262526

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

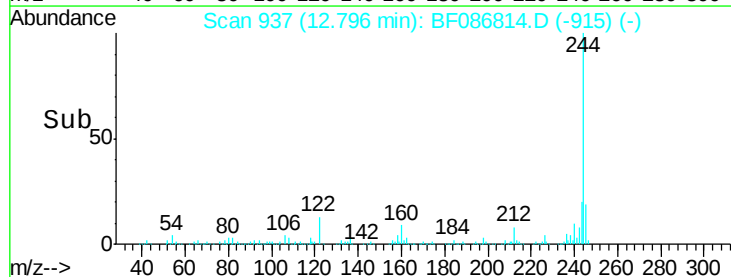
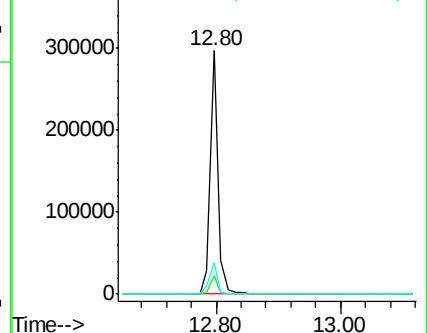
122 12.8 12.0 18.0

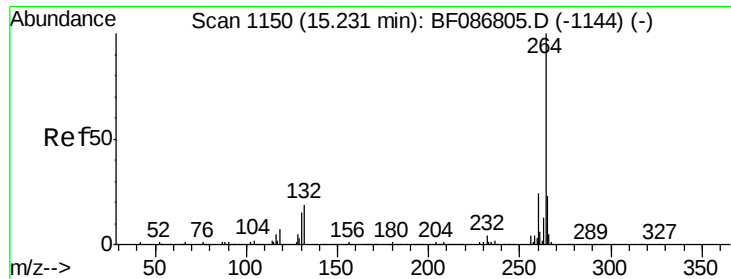


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 40.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.05 min
Lab File: BF086814.D
Acq: 8 May 2016 10:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.3	25.9

