

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086447.D
 Acq On : 28 Apr 2016 2:22
 Operator : UM/SJ
 Sample : H2702-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Quant Time: Apr 28 07:32:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

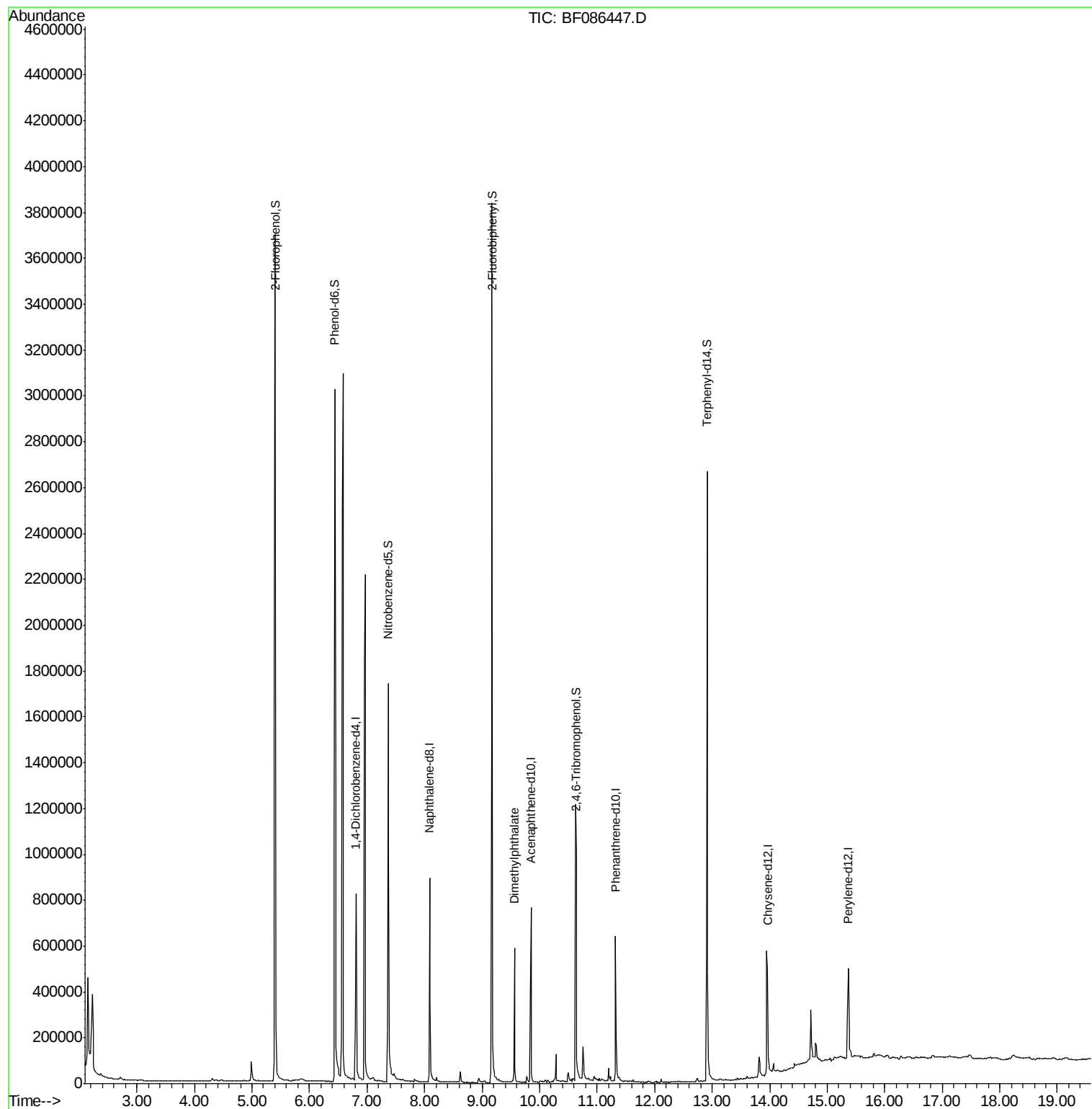
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124946	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	464496	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	179171	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	271128	20.00	ng	0.00
75) Chrysene-d12	13.96	240	294956	20.00	ng	0.00
86) Perylene-d12	15.37	264	211558	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	989224	136.56	ng	0.01
7) Phenol-d6	6.44	99	1293510	127.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	753808	87.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	210919	111.63	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1285173	143.49	ng	0.00
78) Terphenyl-d14	12.91	244	842940	62.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	207989	15.42	ng	Qvalue 100

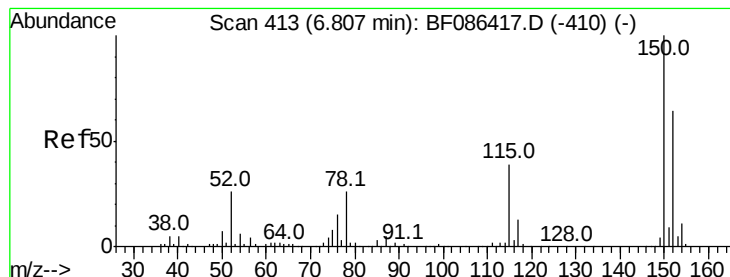
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

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BNA_F

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TEC-COMP-B1D

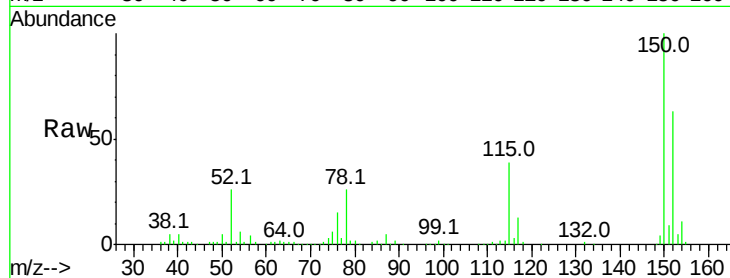
Tot Ion:152 Resp: 124946

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

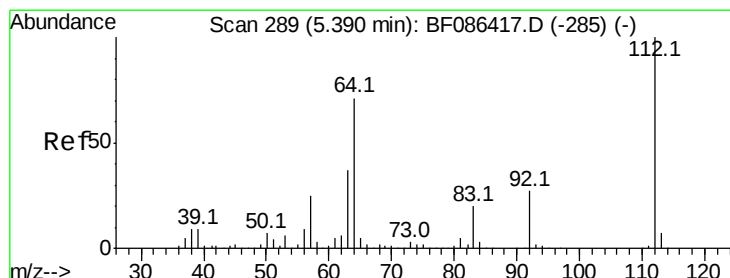
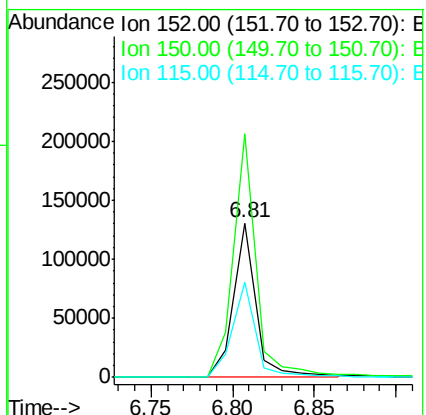
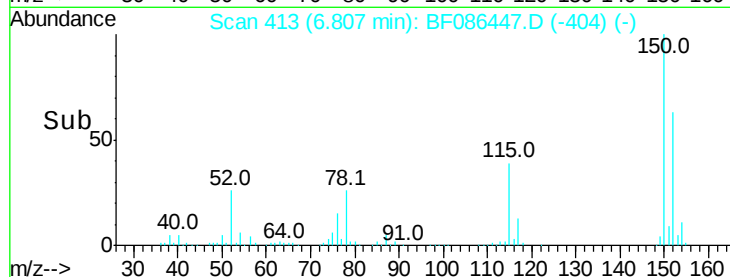
115 61.9 51.5 77.3



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: 136.56 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

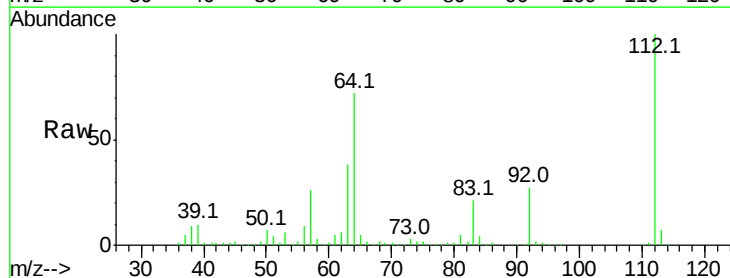
Tgt Ion:112 Resp: 989224

Ion Ratio Lower Upper

112 100

64 71.7 52.1 78.1

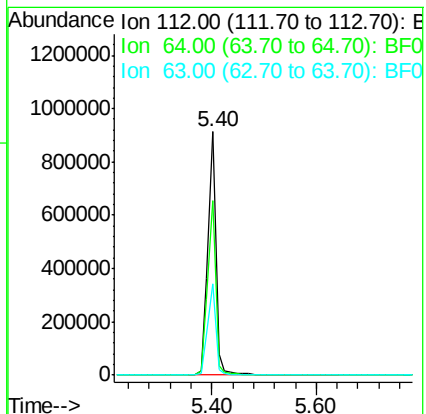
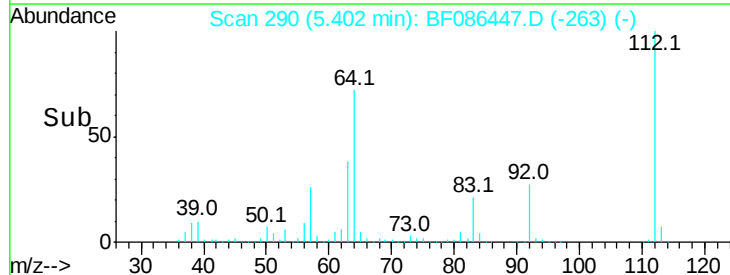
63 37.6 25.7 38.5

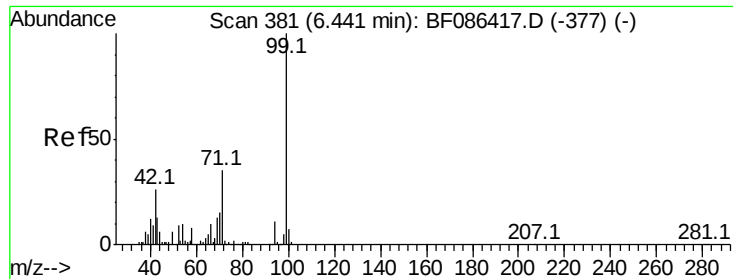


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.94 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

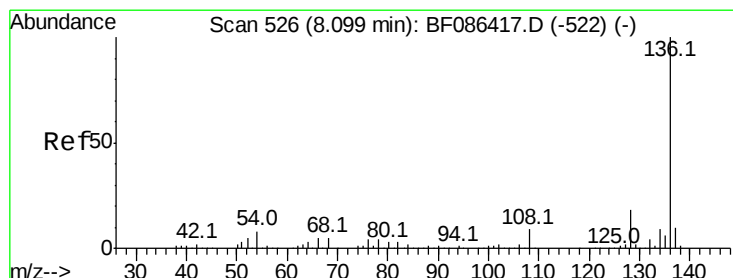
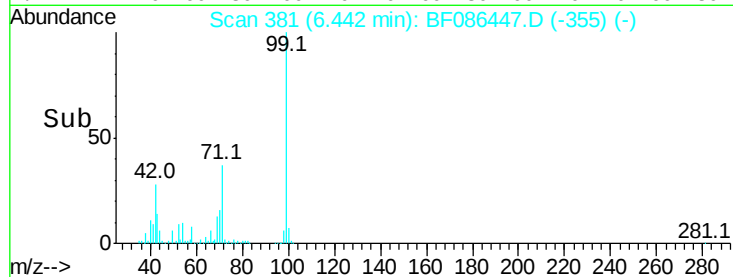
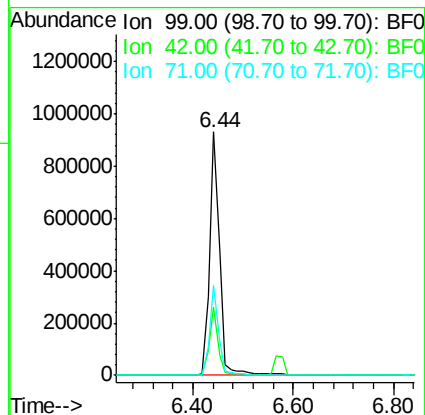
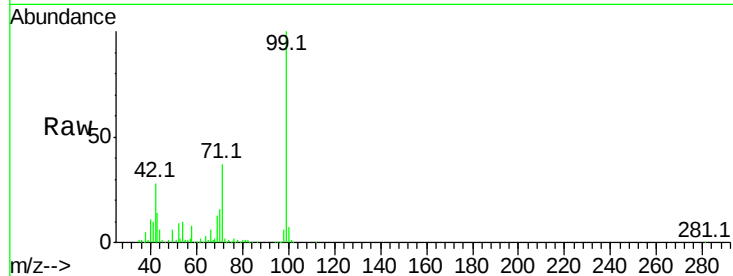
BNA_F

ClientSampleId :

TEC-COMP-B1D

Tot Ion: 99 Resp: 1293510

Ion	Ratio	Lower	Upper
99	100		
42	28.2	13.6	20.4#
71	36.7	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

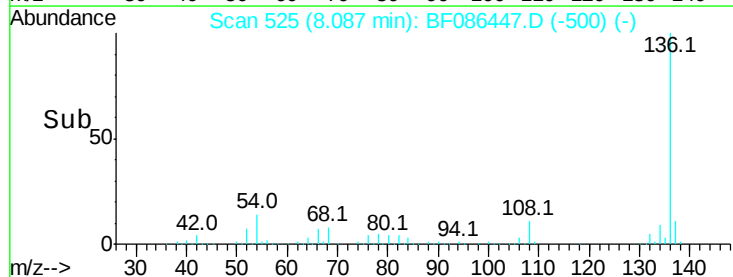
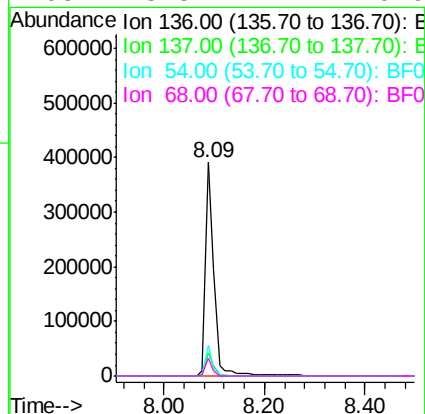
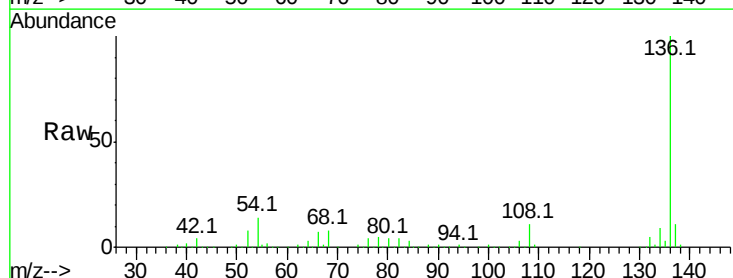
Delta R.T. -0.01 min

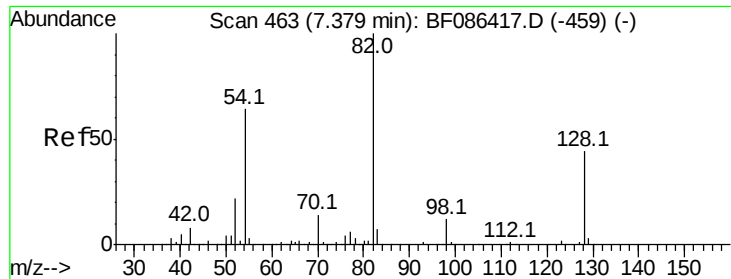
Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Tgt Ion: 136 Resp: 464496

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.5	5.0	7.4#
68	8.5	4.4	6.6#

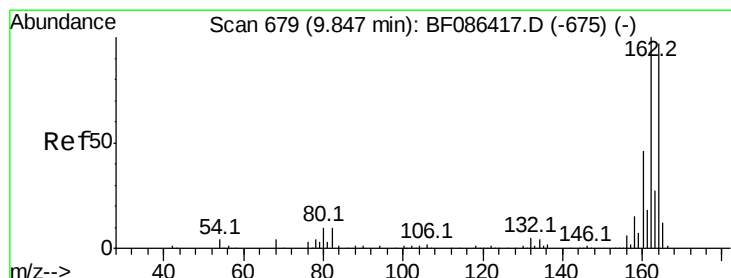
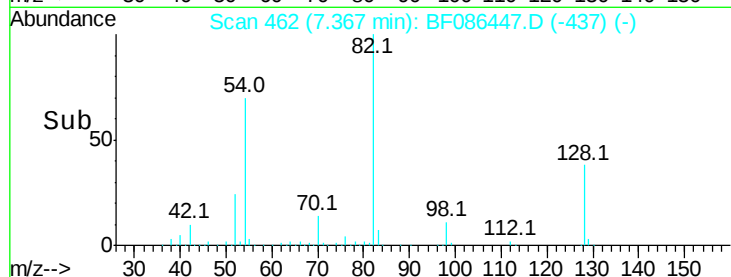
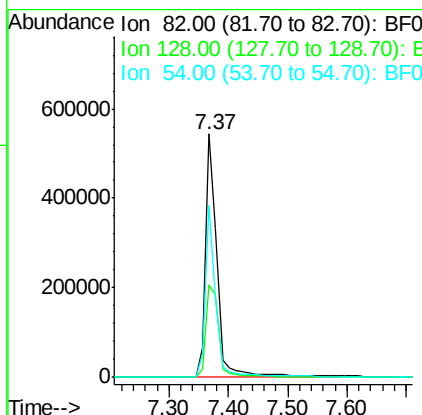
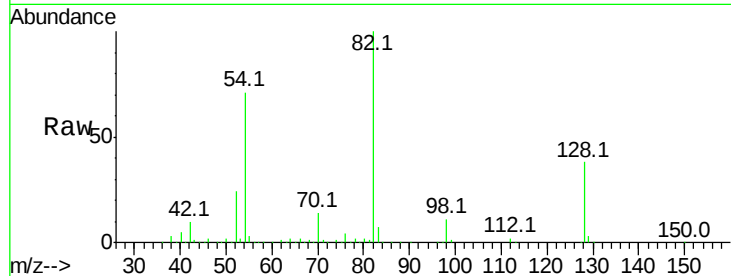




#23
 Nitrobenzene-d5
 Concen: 87.47 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

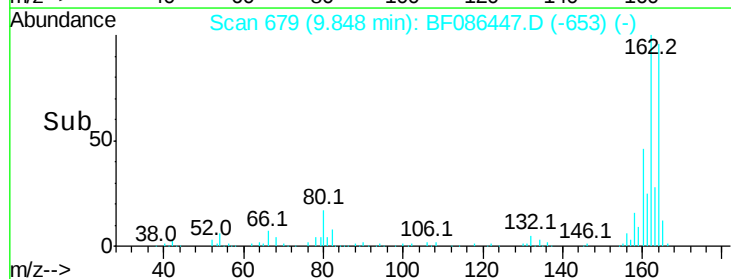
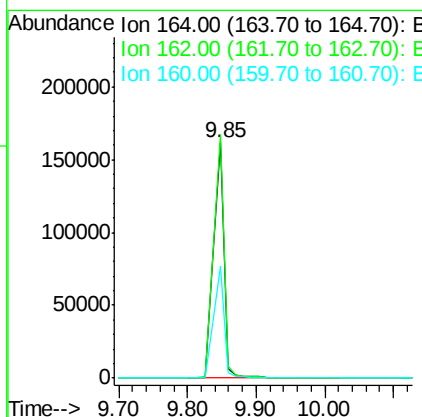
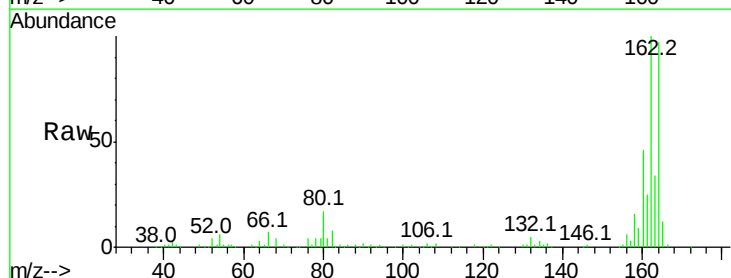
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

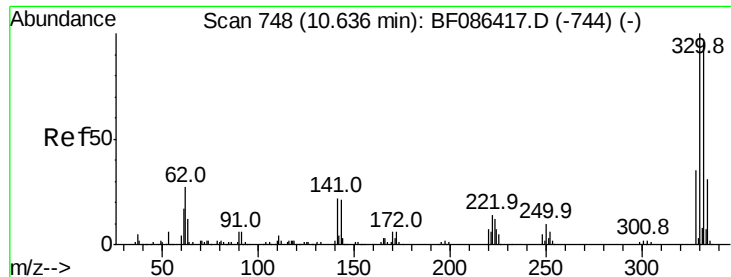
Tot Ion: 82 Resp: 753808
 Ion Ratio Lower Upper
 82 100
 128 37.9 40.6 61.0#
 54 70.5 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Tgt Ion:164 Resp: 179171
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.8 124.2
 160 47.7 36.9 55.3

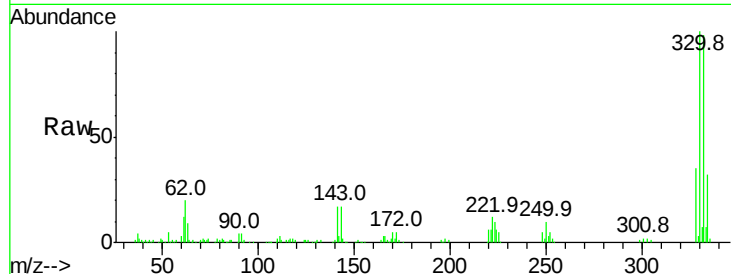




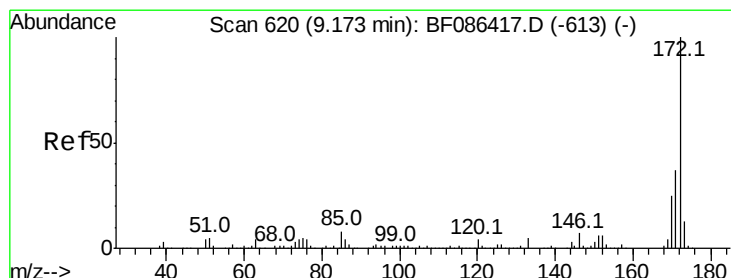
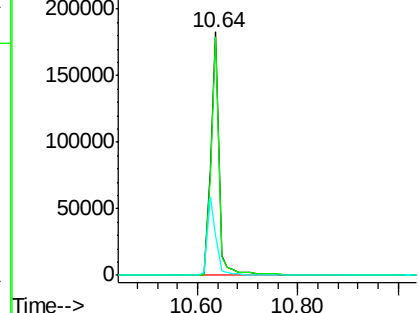
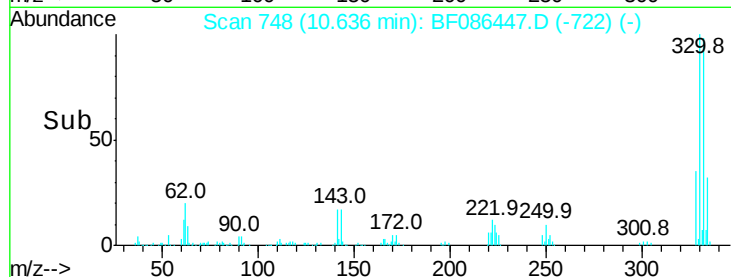
#41
 2,4,6-Tribromophenol
 Concen: 111.63 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	79.0	118.4
141	33.0	31.2	46.8

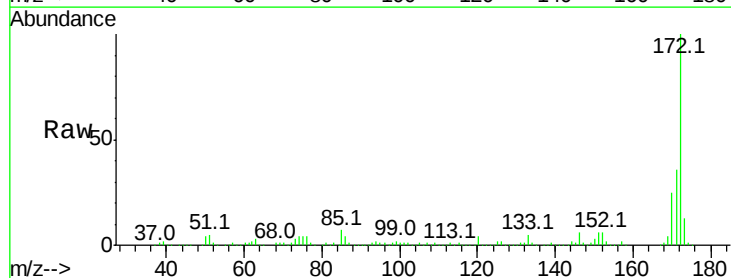


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

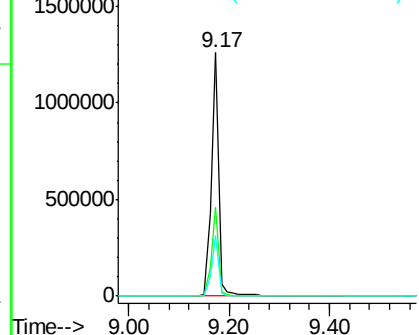
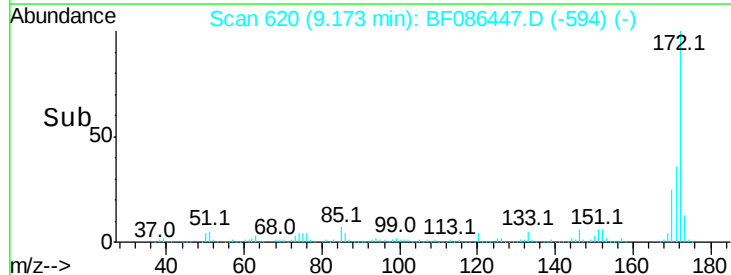


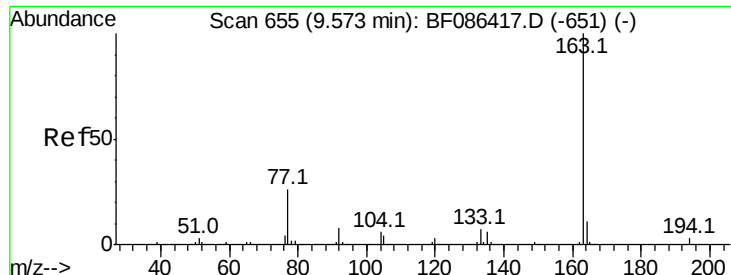
#44
 2-Fluorobiphenyl
 Concen: 143.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086447.D
 Acq: 28 Apr 2016 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.6
170	24.7	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

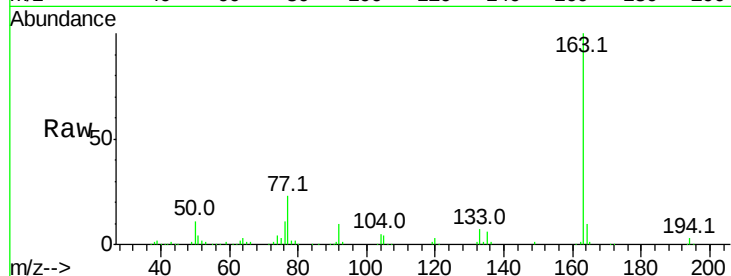




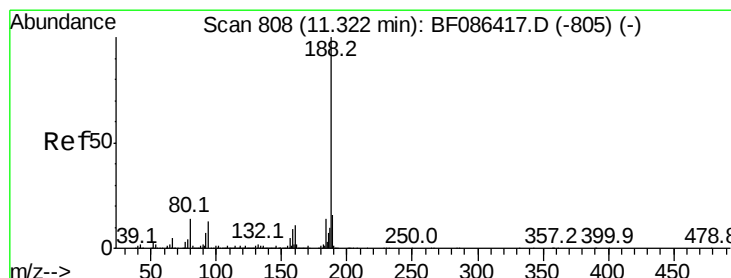
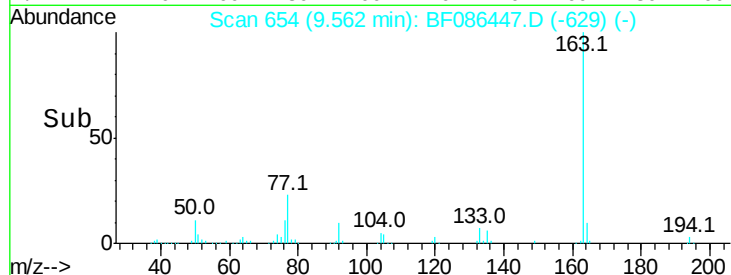
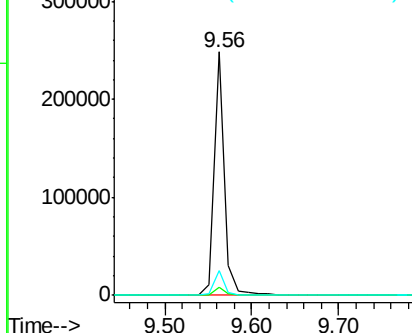
#49
Dimethylphthalate
Concen: 15.42 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF086447.D
Acq: 28 Apr 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

Tot Ion:163 Resp: 207989
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.2 12.4

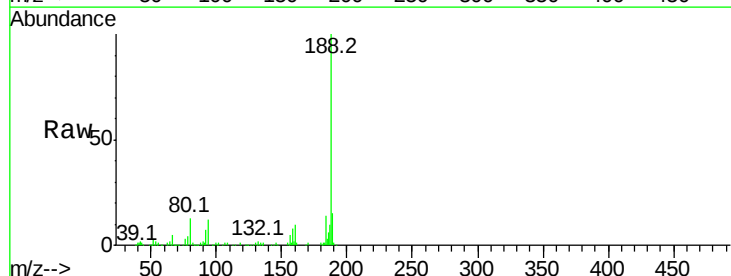


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

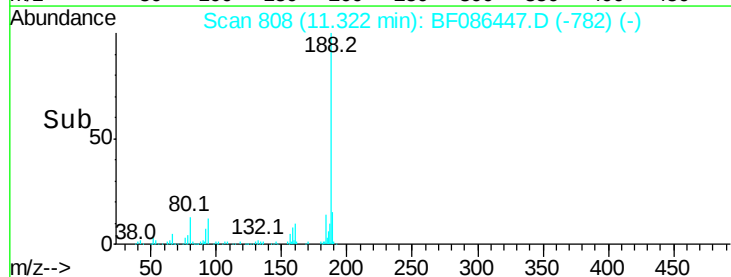
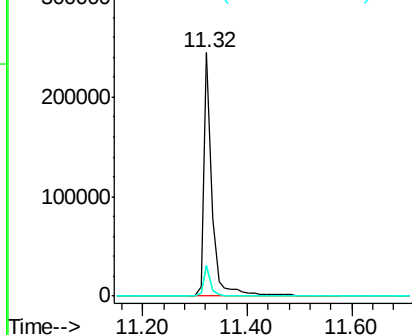


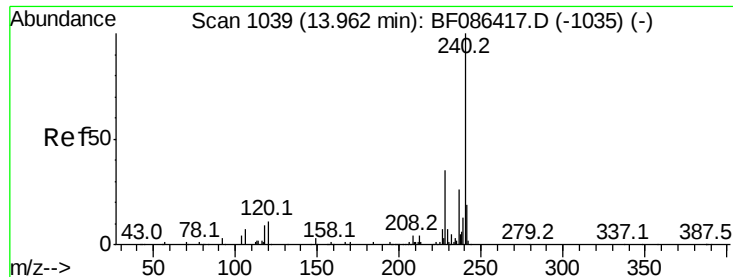
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086447.D
Acq: 28 Apr 2016 2:22

Tgt Ion:188 Resp: 271128
Ion Ratio Lower Upper
188 100
94 12.2 6.8 10.2#
80 12.9 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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

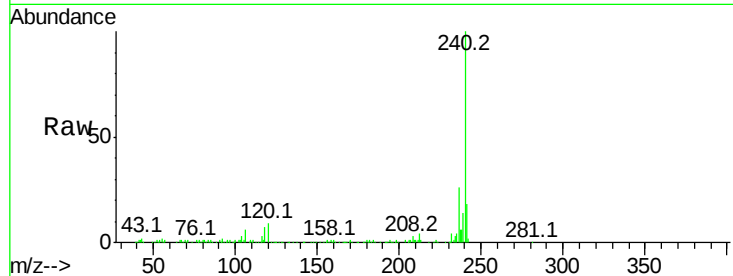
Tot Ion:240 Resp: 294956

Ion Ratio Lower Upper

240 100

120 8.8 11.2 16.8#

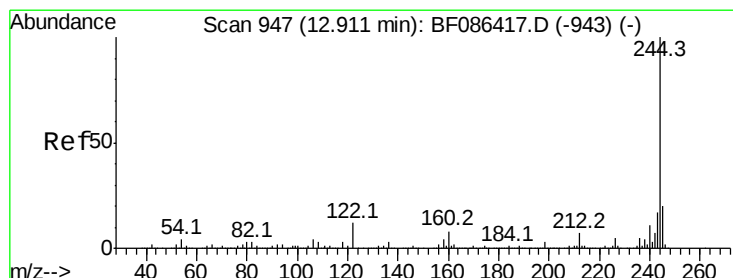
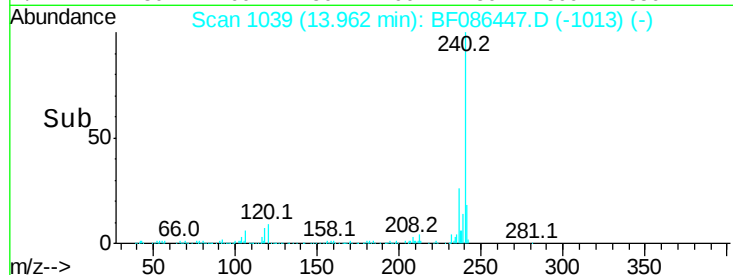
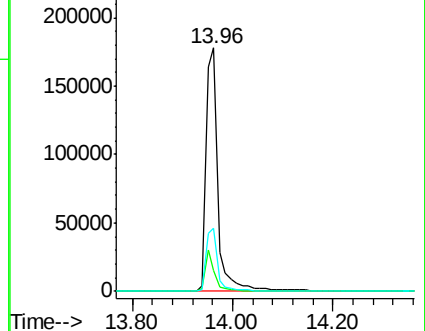
236 26.0 21.2 31.8



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: 62.96 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086447.D

Acq: 28 Apr 2016 2:22

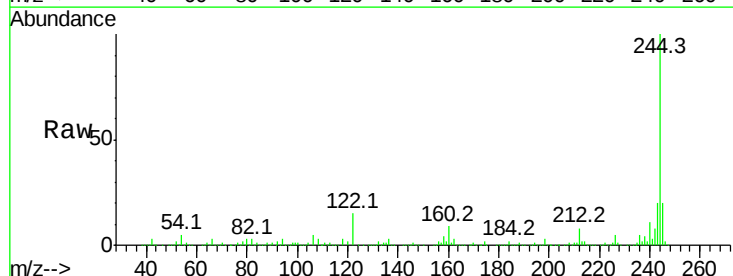
Tgt Ion:244 Resp: 842940

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

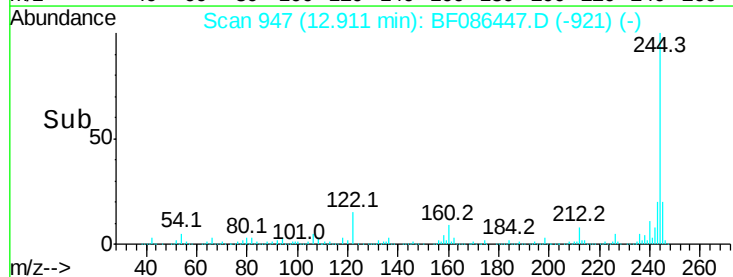
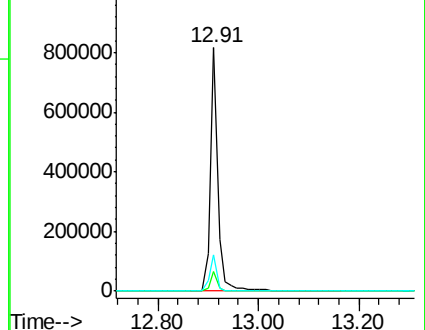
122 15.0 12.0 18.0

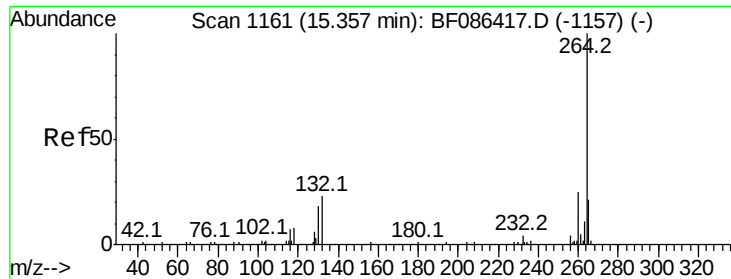


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

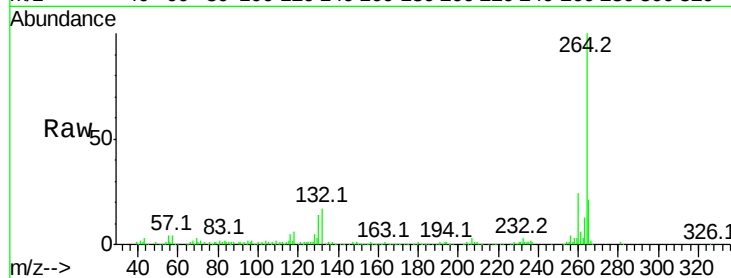




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086447.D
Acq: 28 Apr 2016 2:22

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.1	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

