

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086145.D
 Acq On : 7 Apr 2016 22:29
 Operator : UM/SJ
 Sample : H2282-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-14(0.5-20.0)

Quant Time: Apr 08 03:38:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

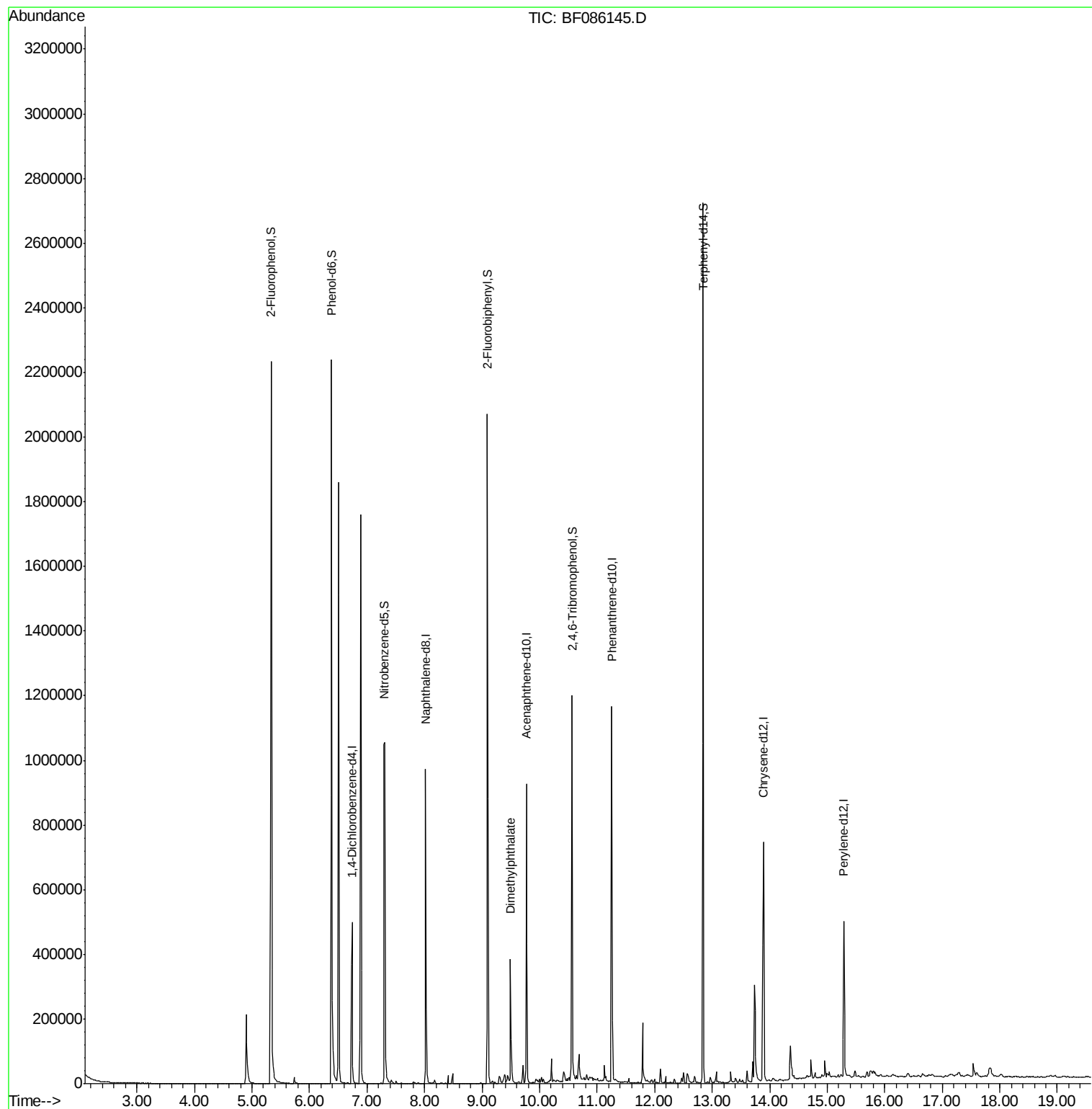
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107219	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	447752	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	206340	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	402590	20.00	ng	-0.05
75) Chrysene-d12	13.89	240	300035	20.00	ng	-0.03
86) Perylene-d12	15.29	264	204689	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	735900	117.32	ng	-0.03
7) Phenol-d6	6.38	99	962959	120.86	ng	-0.03
23) Nitrobenzene-d5	7.30	82	569132	74.96	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	225109	116.23	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	747170	60.21	ng	-0.05
78) Terphenyl-d14	12.84	244	886521	69.46	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.49	163	149296	9.76	ng	Qvalue 99

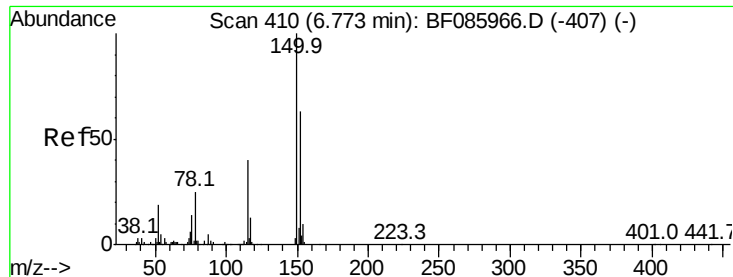
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

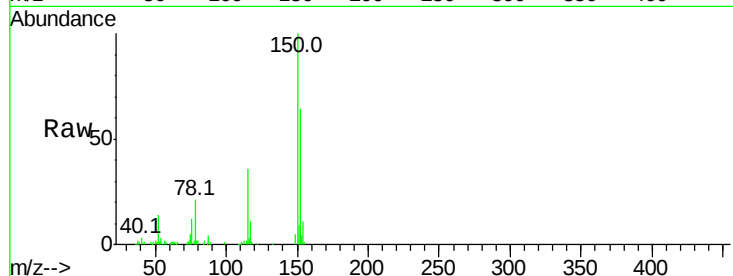
Tot Ion:152 Resp: 107219

Ion Ratio Lower Upper

152 100

150 156.6 124.2 186.2

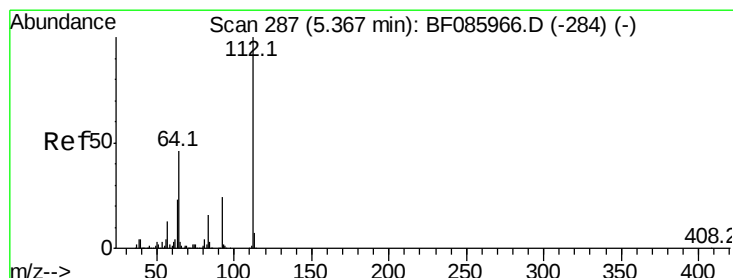
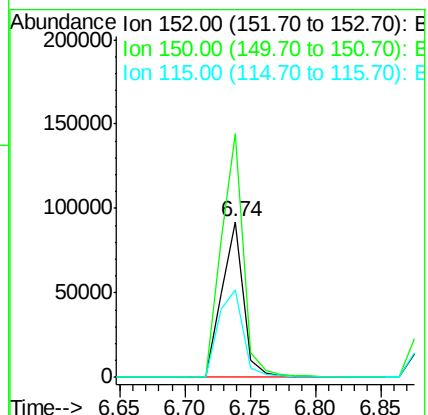
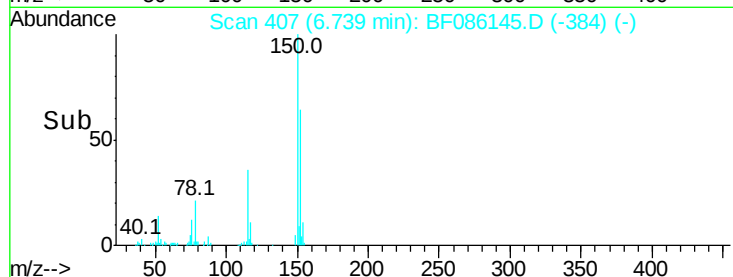
115 56.1 47.0 70.6



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: 117.32 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

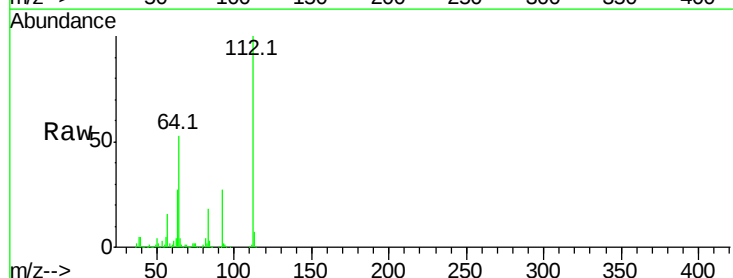
Tgt Ion:112 Resp: 735900

Ion Ratio Lower Upper

112 100

64 53.4 39.9 59.9

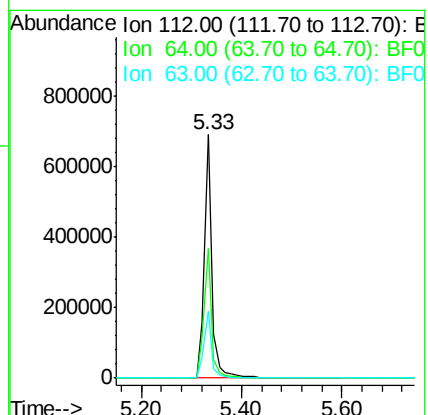
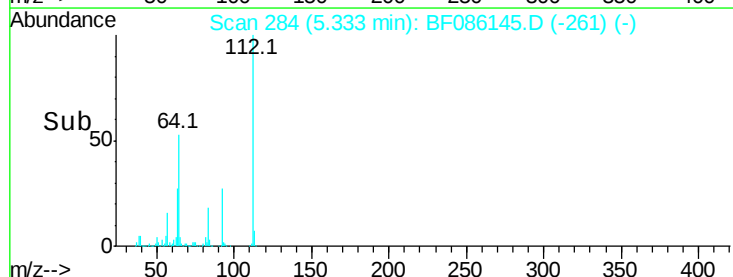
63 27.3 20.2 30.2

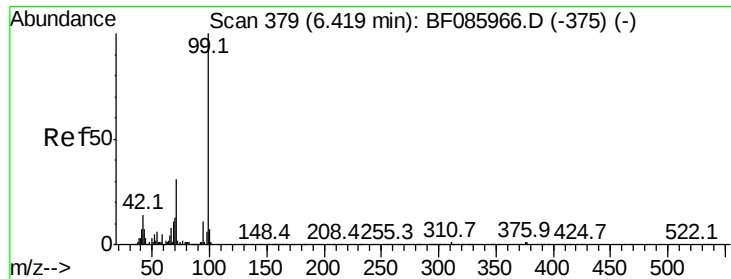


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.86 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

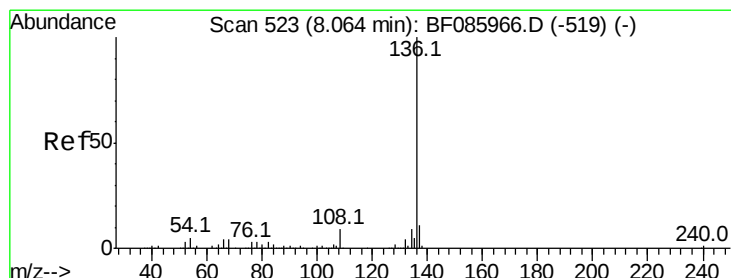
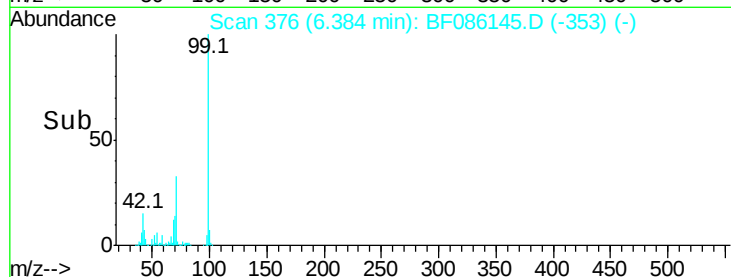
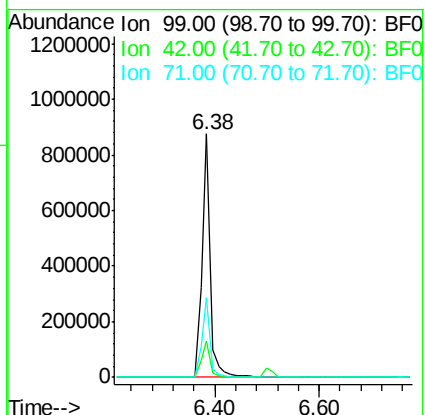
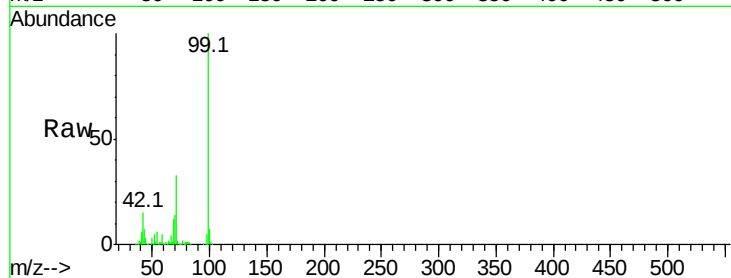
Tot Ion: 99 Resp: 962959

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 32.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Tgt Ion: 136 Resp: 447752

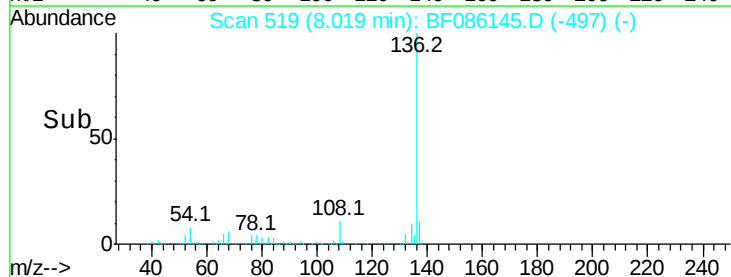
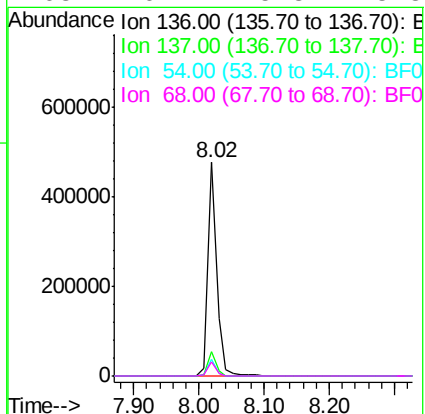
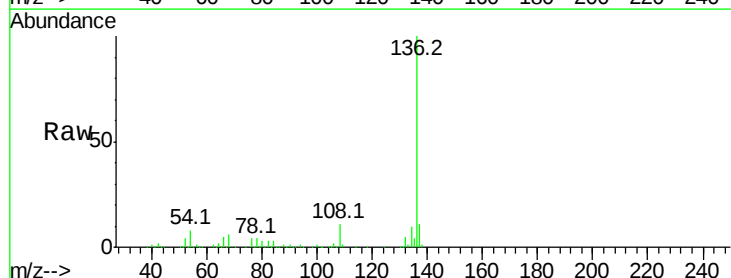
Ion Ratio Lower Upper

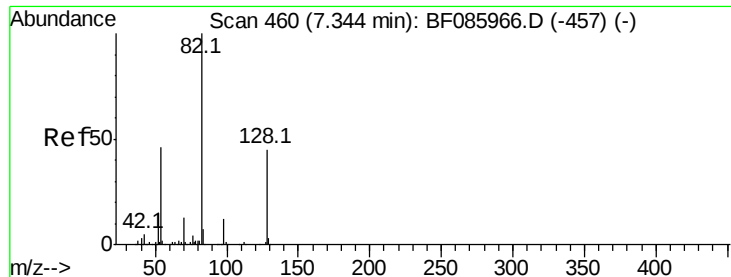
136 100

137 11.4 9.1 13.7

54 7.9 7.4 11.0

68 6.4 5.8 8.8

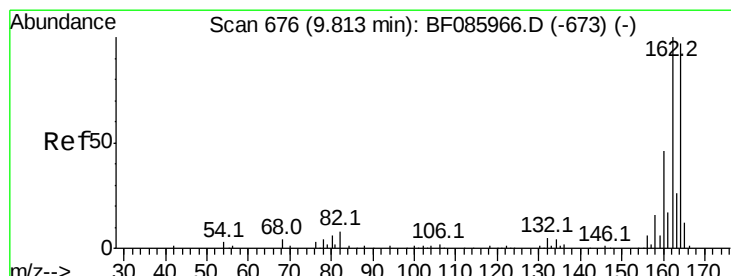
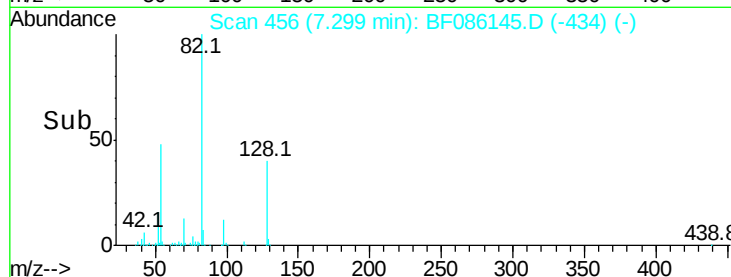
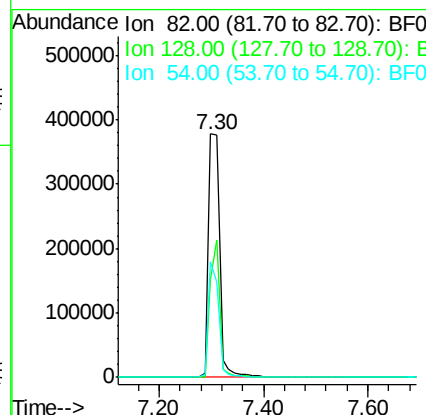
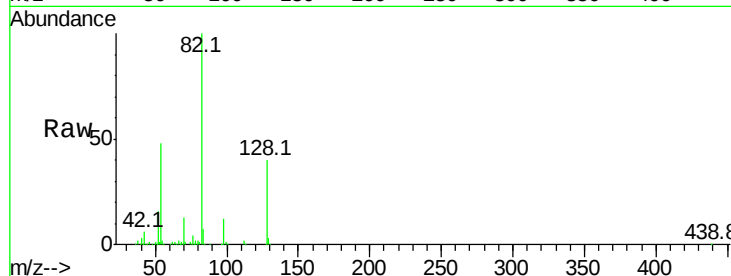




#23
 Nitrobenzene-d5
 Concen: 74.96 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

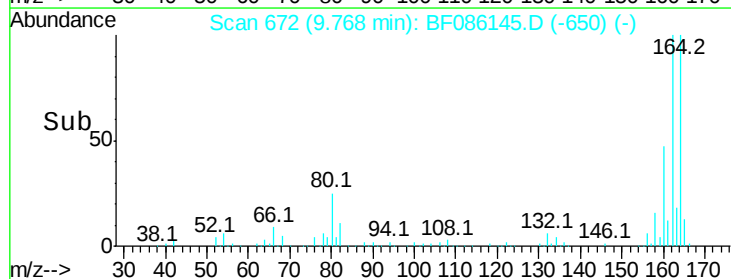
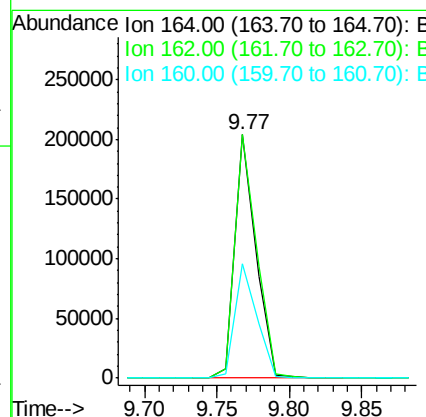
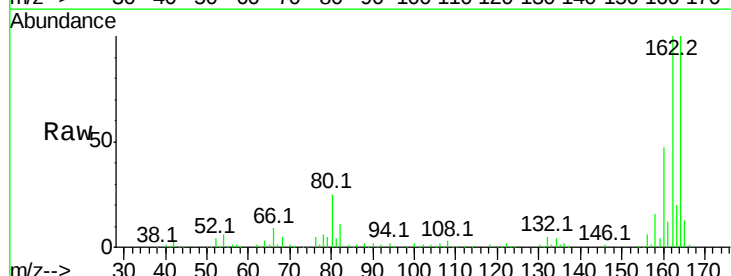
Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-14(0.5-20.0)

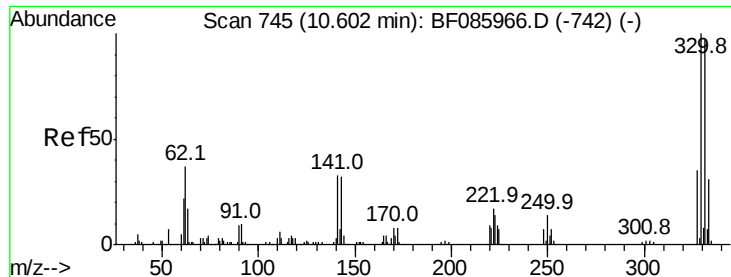
Tot Ion: 82 Resp: 569132
 Ion Ratio Lower Upper
 82 100
 128 40.2 41.8 62.8#
 54 47.5 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

Tgt Ion: 164 Resp: 206340
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.1 123.1
 160 47.0 37.4 56.2

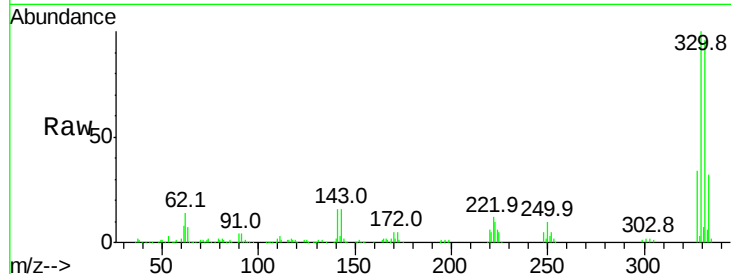




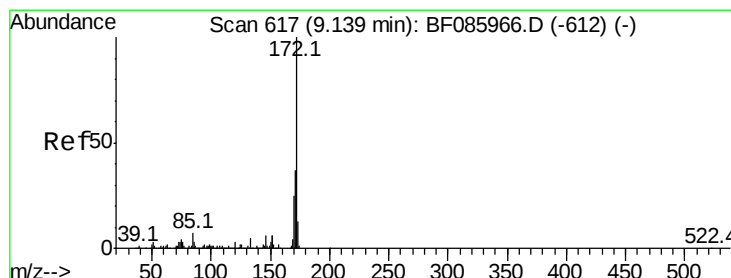
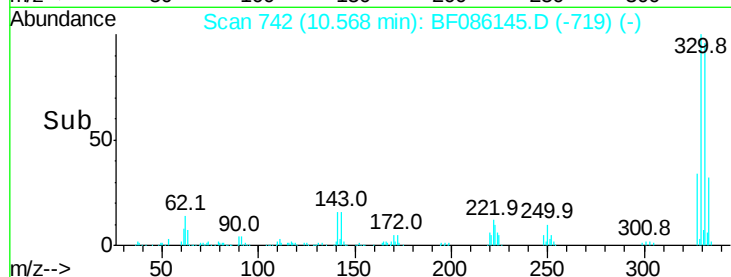
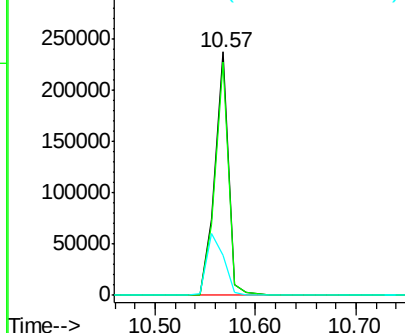
#41
 2,4,6-Tribromophenol
 Concen: 116.23 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

Instrument :
 BNA_F
 ClientSampleId :
 AMBOY-SB-14(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.2	117.2
141	32.5	31.5	47.3

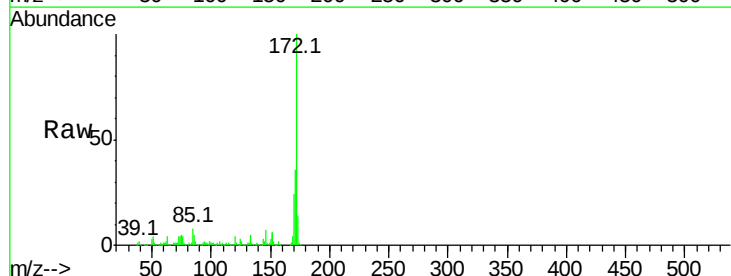


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

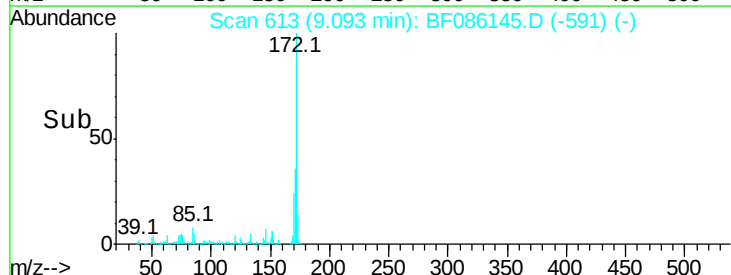
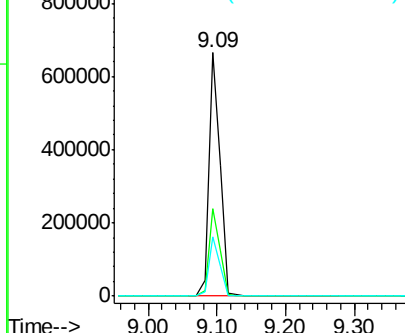


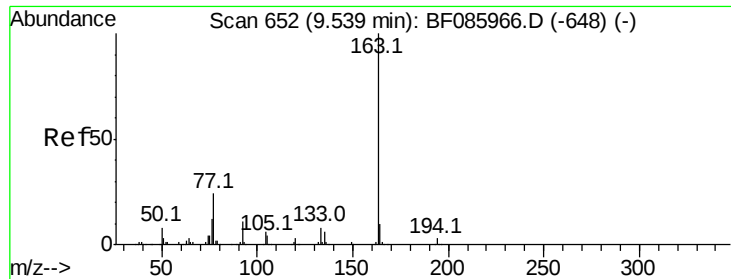
#44
 2-Fluorobiphenyl
 Concen: 60.21 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086145.D
 Acq: 7 Apr 2016 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.2
170	24.1	19.8	29.6



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

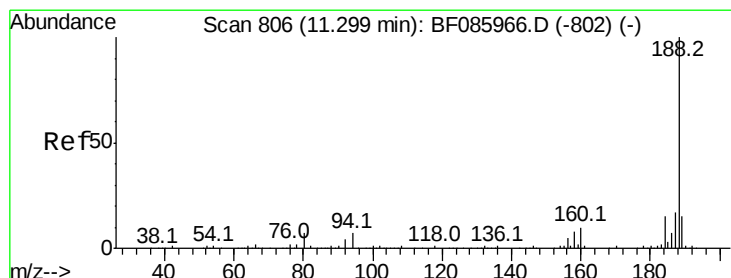
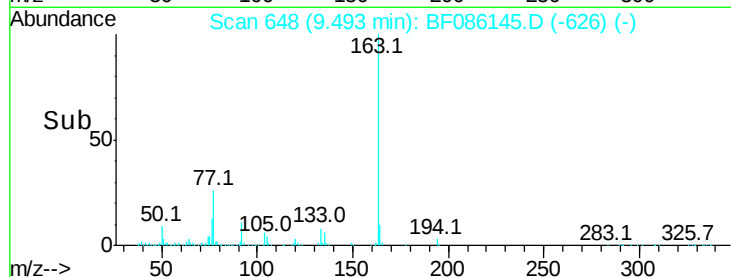
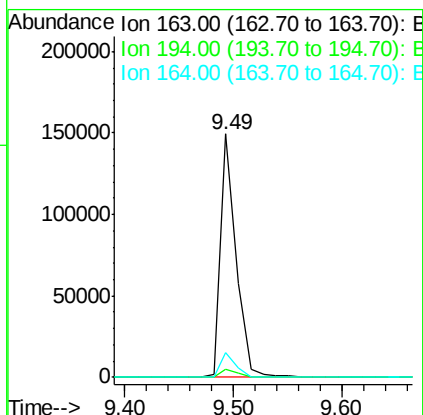
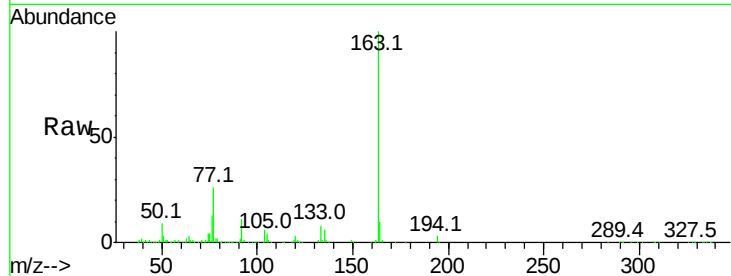




#49
Dimethylphthalate
Concen: 9.76 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

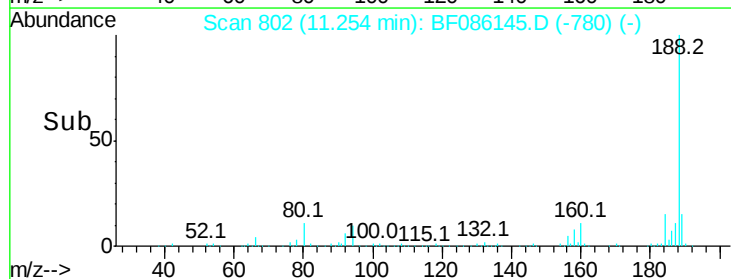
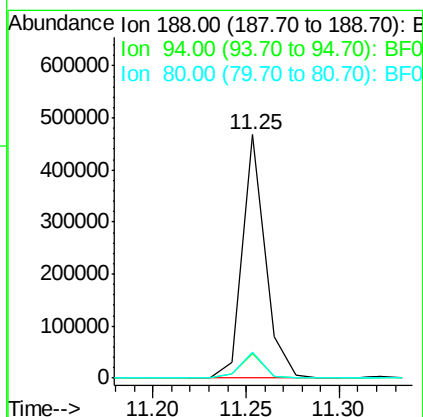
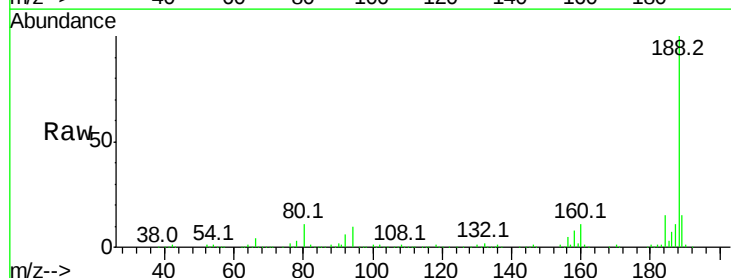
Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

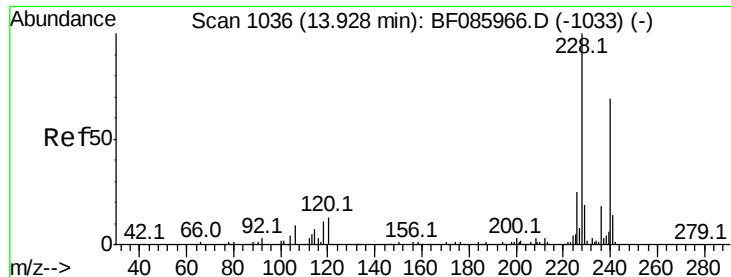
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.9	4.3
164	10.2	8.3	12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	5.4	8.0#
80	10.9	5.5	8.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

Instrument :

BNA_F

ClientSampleId :

AMBOY-SB-14(0.5-20.0)

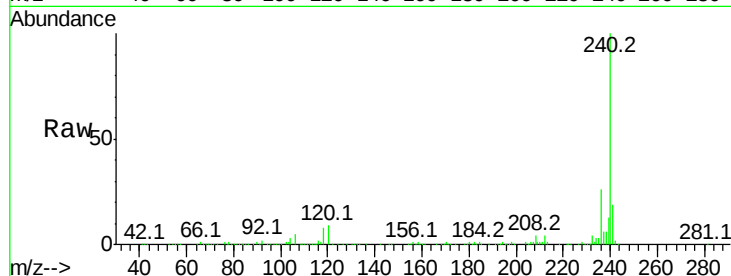
Tot Ion:240 Resp: 300035

Ion Ratio Lower Upper

240 100

120 8.8 13.8 20.8#

236 26.5 20.6 30.8



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

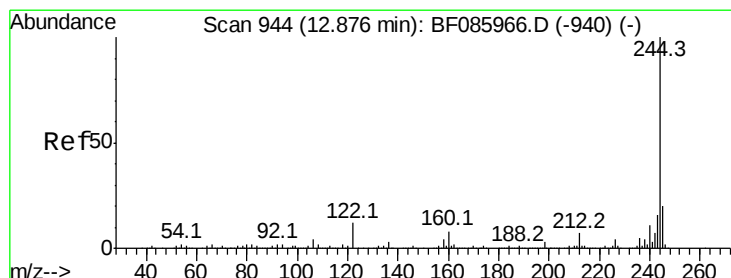
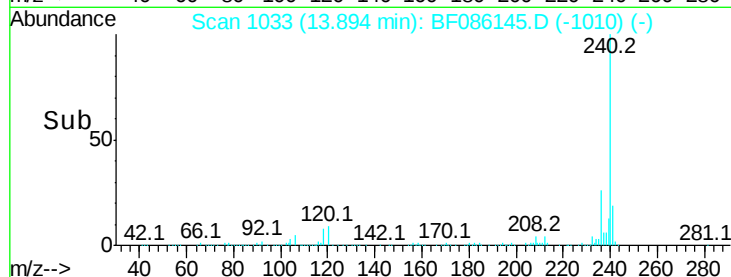
300000 13.89

200000

100000

0

Time--> 13.80 13.90 14.00



#78

Terphenyl-d14

Concen: 69.46 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086145.D

Acq: 7 Apr 2016 22:29

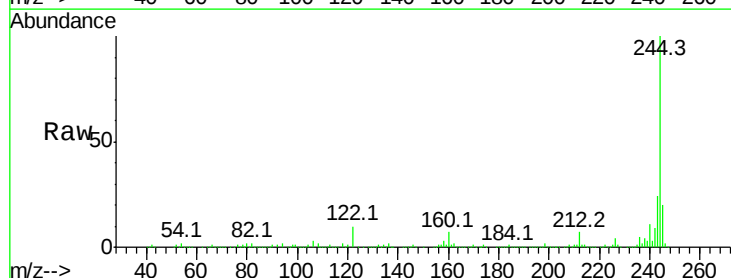
Tgt Ion:244 Resp: 886521

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

122 9.9 10.2 15.4#



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

1200000 12.84

1000000

800000

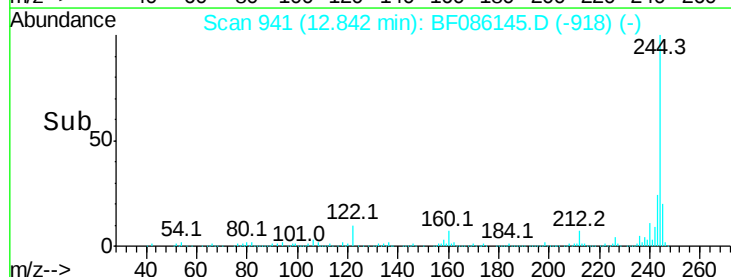
600000

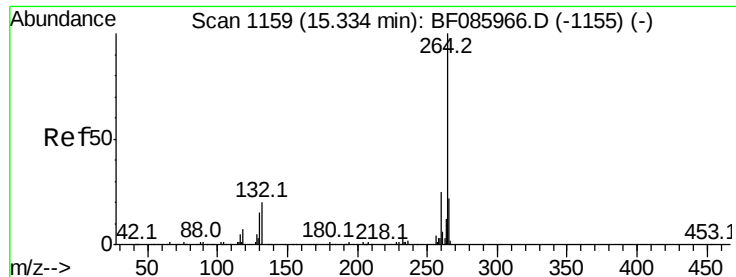
400000

200000

0

Time--> 12.80 12.90 13.00

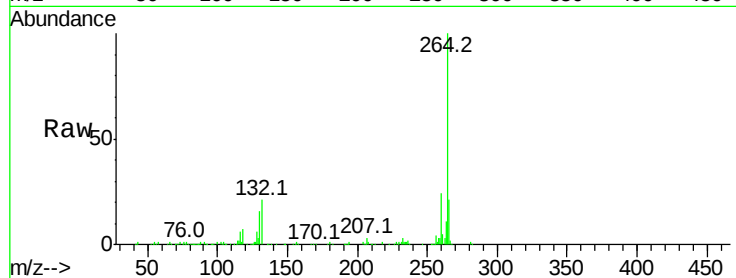




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF086145.D
Acq: 7 Apr 2016 22:29

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-14(0.5-20.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	20.9	17.2	25.8



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

