

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083982.D
 Acq On : 20 Dec 2015 6:22
 Operator : UM/SJ
 Sample : G4851-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-8

Quant Time: Dec 20 07:30:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

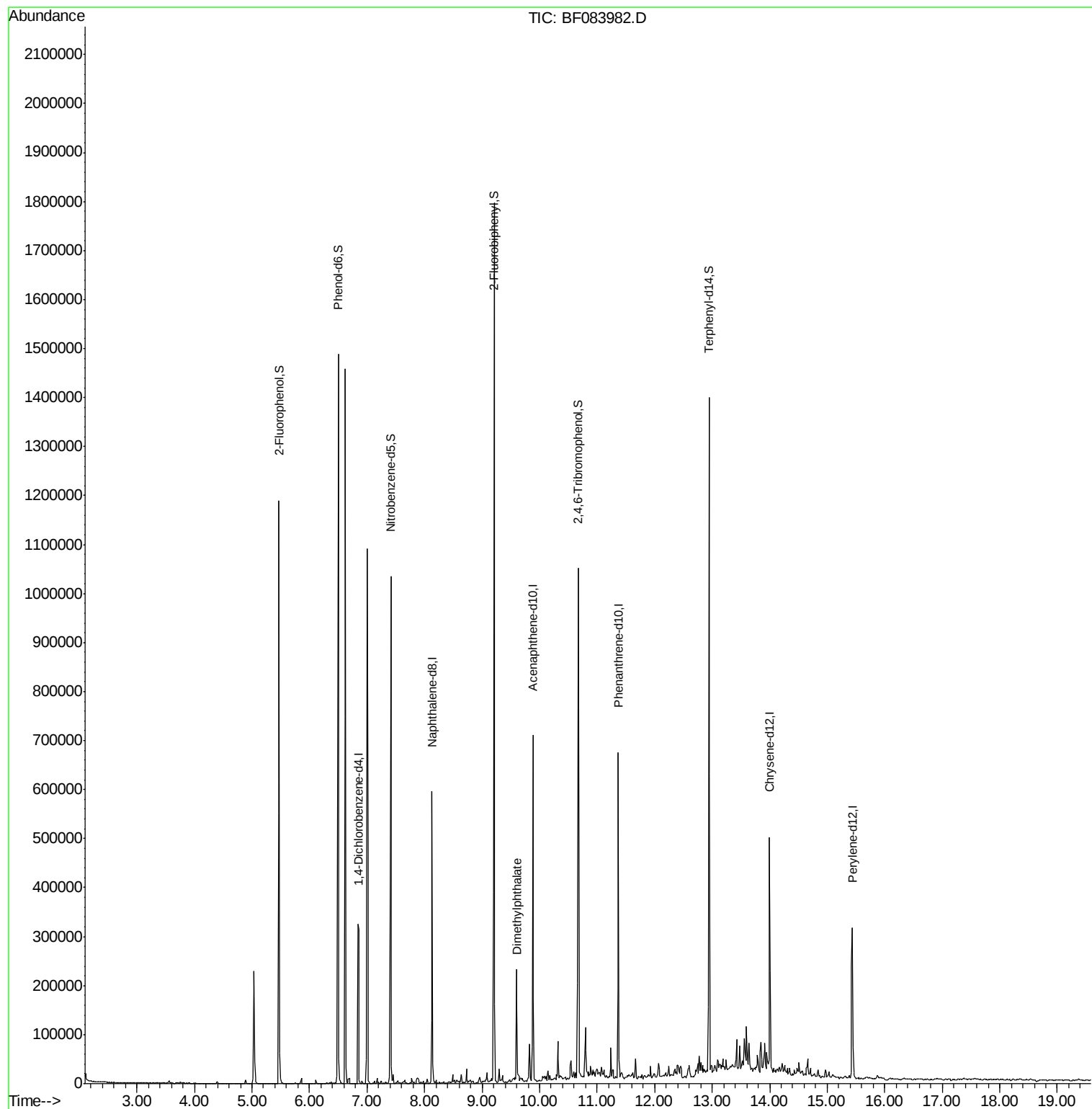
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76050	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	255469	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	136664	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	239699	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	176758	20.00	ng	-0.03
86) Perylene-d12	15.44	264	160658	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	376570	77.49	ng	-0.01
7) Phenol-d6	6.50	99	580233	97.55	ng	-0.01
23) Nitrobenzene-d5	7.41	82	356586	79.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	117101	77.78	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	536852	51.83	ng	-0.03
78) Terphenyl-d14	12.94	244	484876	62.47	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.61	163	124030	10.82	ng	Qvalue # 90

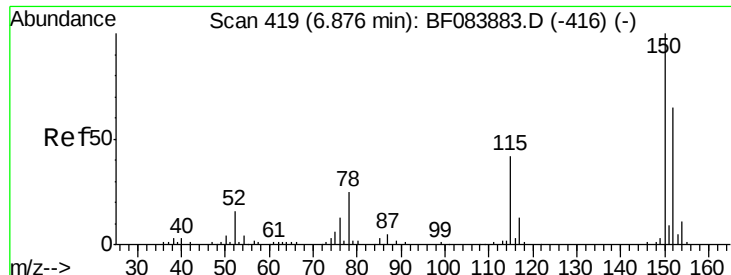
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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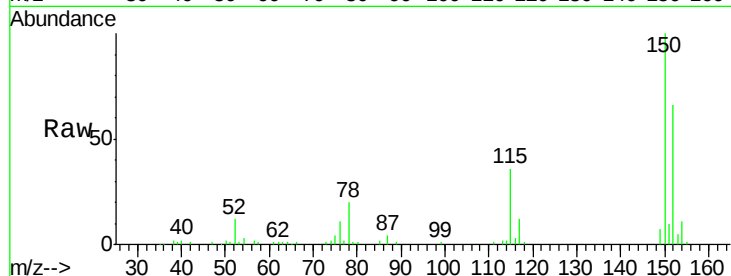




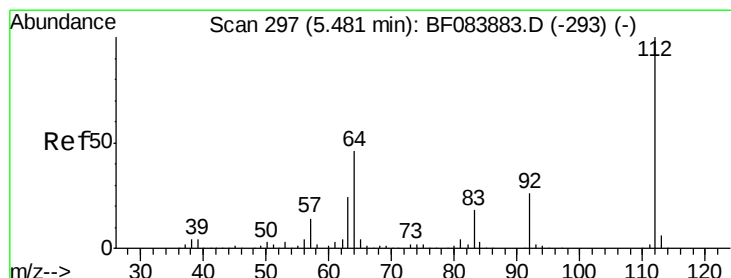
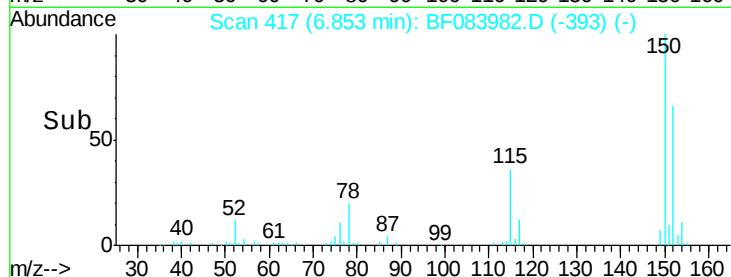
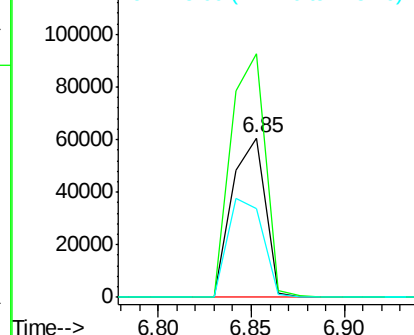
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

Instrument :
 BNA_F
 ClientSampleId :
 UST-8

Tot Ion:152 Resp: 76050
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.0 184.4
 115 55.4 51.4 77.2

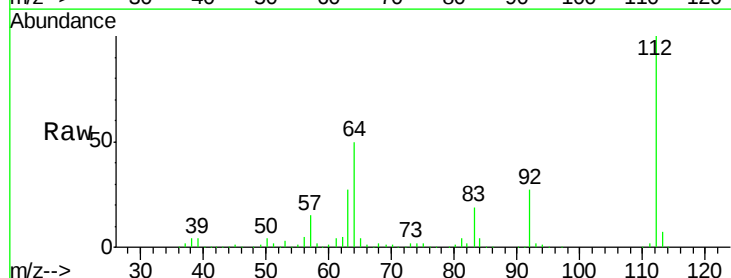


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

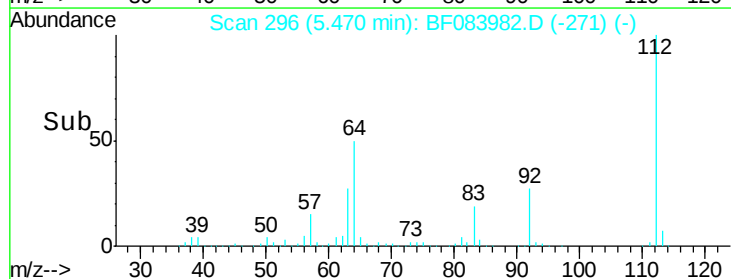
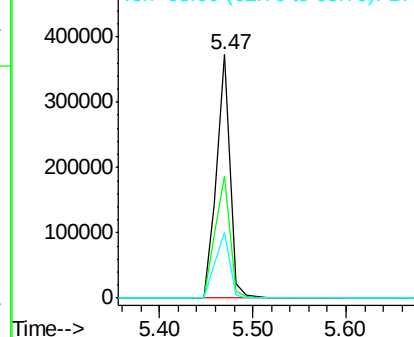


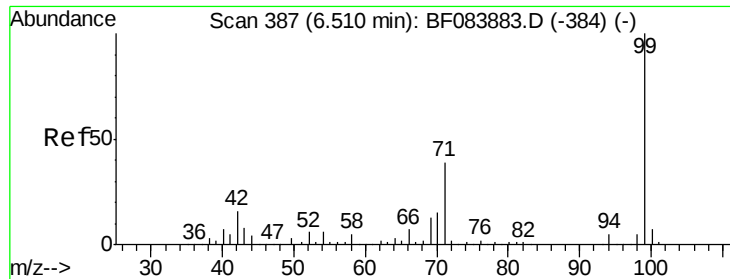
#5
 2-Fluorophenol
 Concen: 77.49 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

Tgt Ion:112 Resp: 376570
 Ion Ratio Lower Upper
 112 100
 64 49.9 36.6 55.0
 63 27.1 19.4 29.0



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: 97.55 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

UST-8

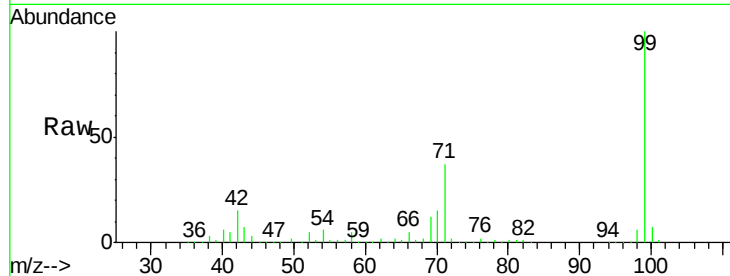
Tot Ion: 99 Resp: 580233

Ion Ratio Lower Upper

99 100

42 14.6 12.8 19.2

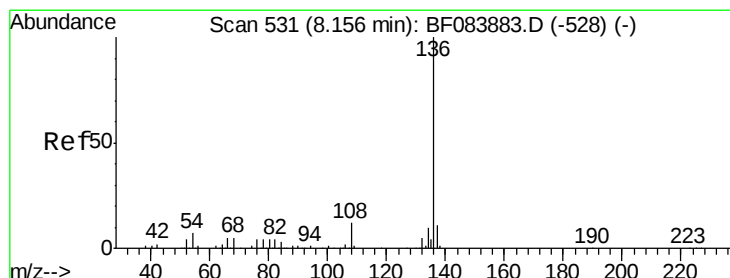
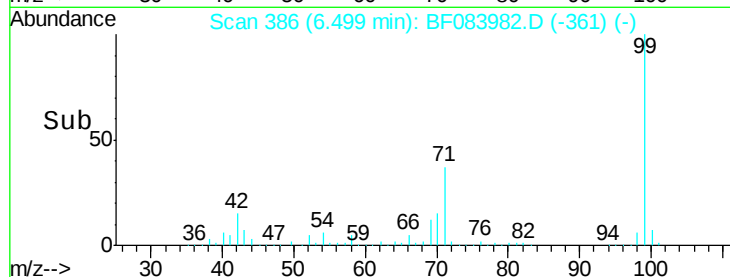
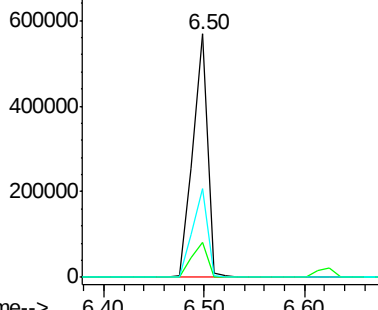
71 36.6 30.9 46.3



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: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

Tgt Ion: 136 Resp: 255469

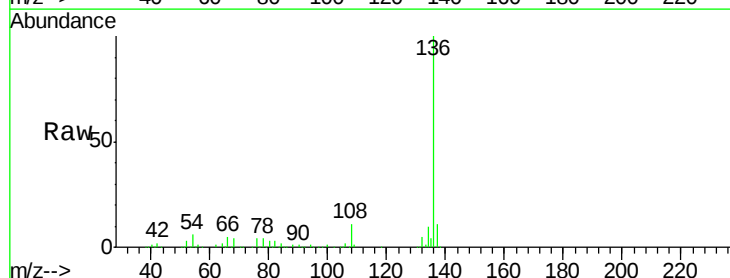
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.6 5.8 8.8#

68 4.3 4.2 6.2

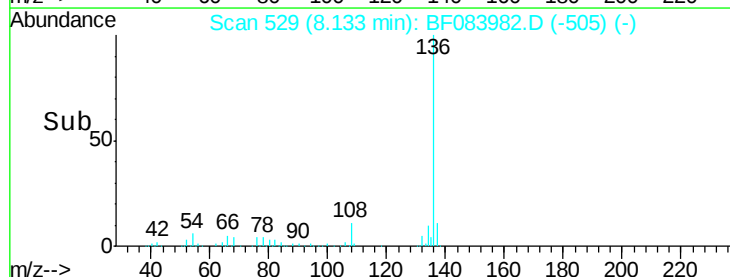
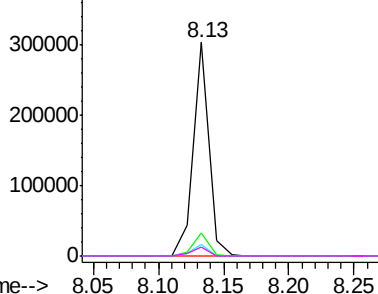


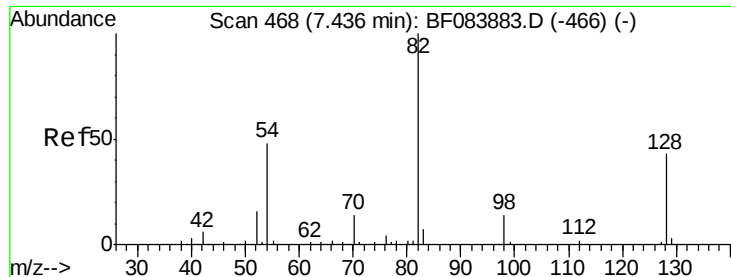
Abundance Ion 136.00 (135.70 to 136.70): E

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

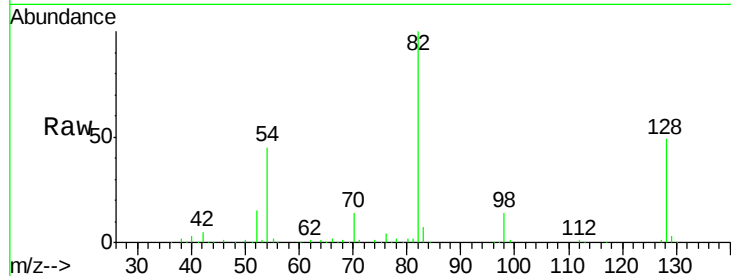




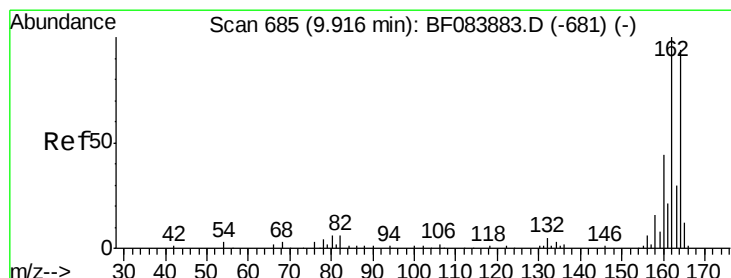
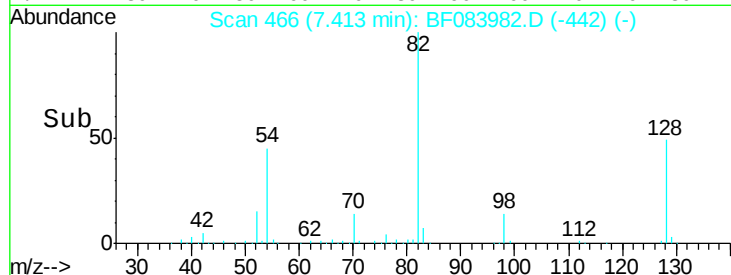
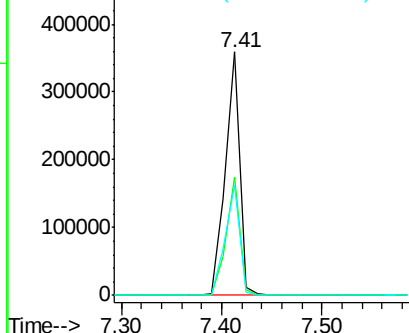
#23
 Nitrobenzene-d5
 Concen: 79.66 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

Instrument :
 BNA_F
 ClientSampled :
 UST-8

Tot Ion	82	Resp	356586
Ion Ratio	100	Lower	Upper
128	48.5	34.6	51.8
54	45.3	38.4	57.6

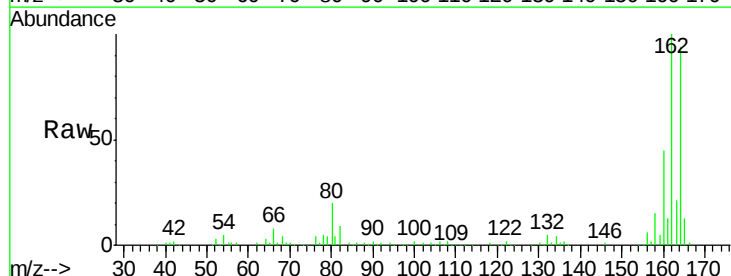


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

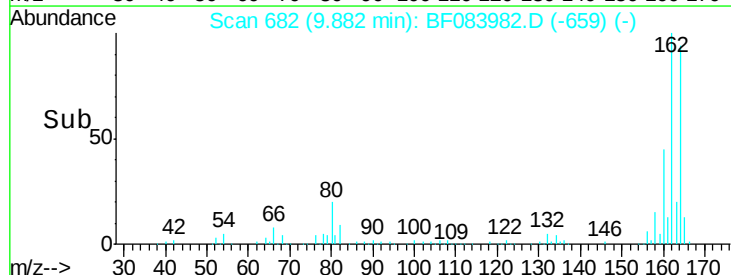
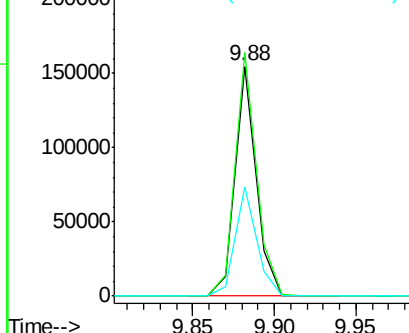


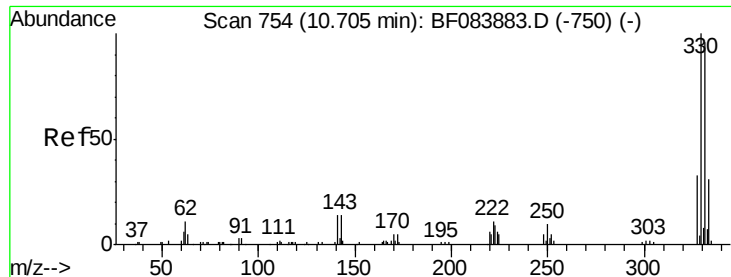
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

Tgt Ion	164	Resp	136664
Ion Ratio	100	Lower	Upper
162	106.0	85.1	127.7
160	47.5	37.5	56.3



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

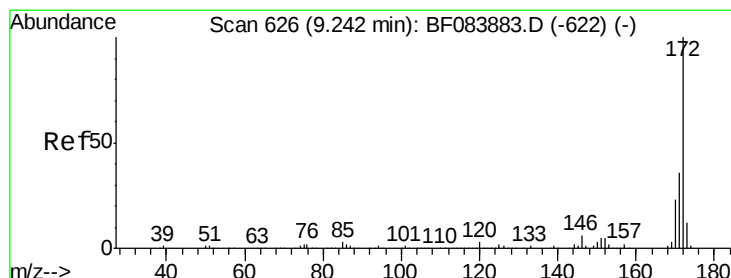
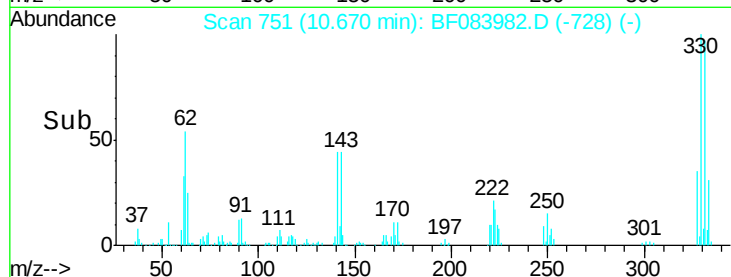
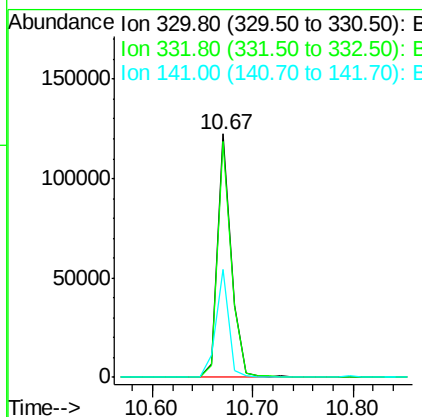
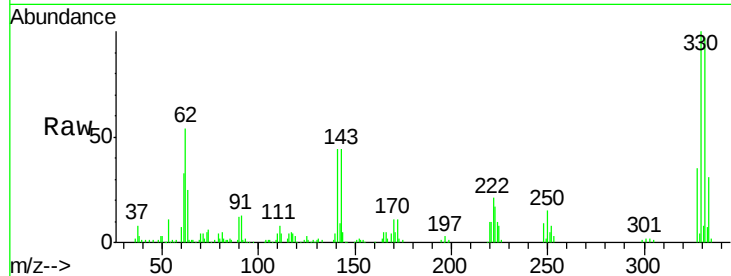




#41
 2,4,6-Tribromophenol
 Concen: 77.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

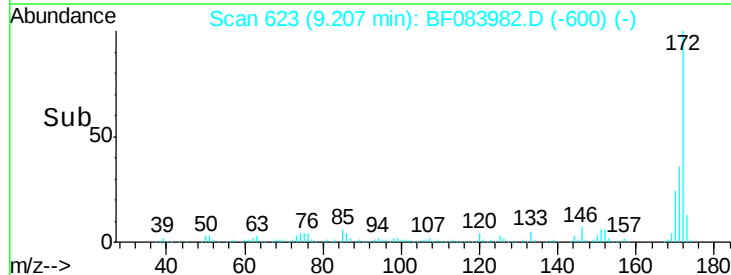
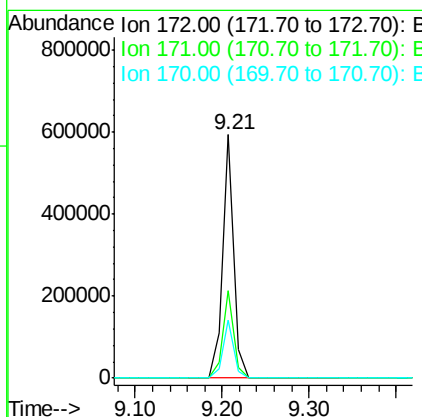
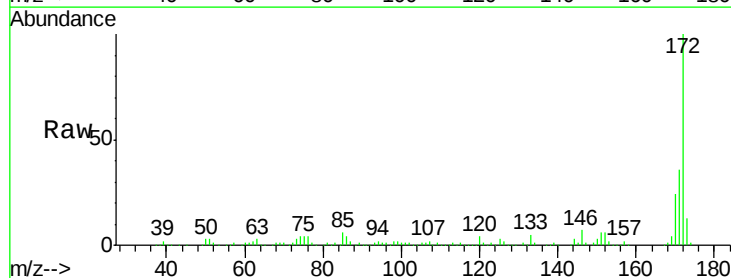
Instrument :
 BNA_F
 ClientSampleId :
 UST-8

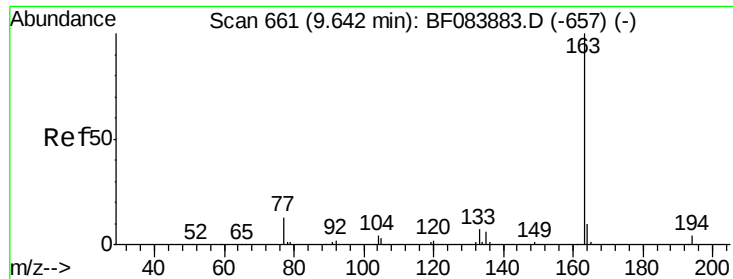
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	41.2	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 51.83 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083982.D
 Acq: 20 Dec 2015 6:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.8	18.6	27.8





#49

Dimethylphthalate

Concen: 10.82 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

UST-8

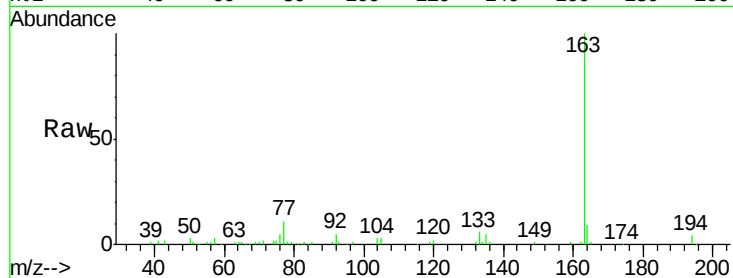
Tot Ion:163 Resp: 124030

Ion Ratio Lower Upper

163 100

194 3.6 8.0 12.0#

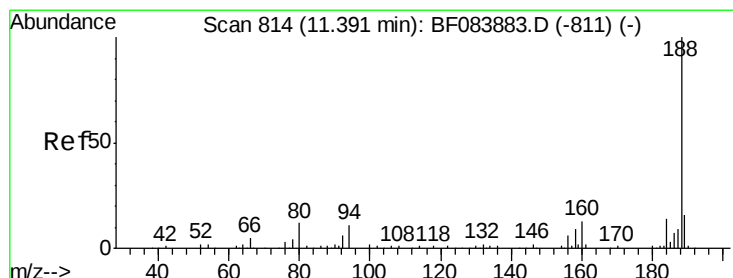
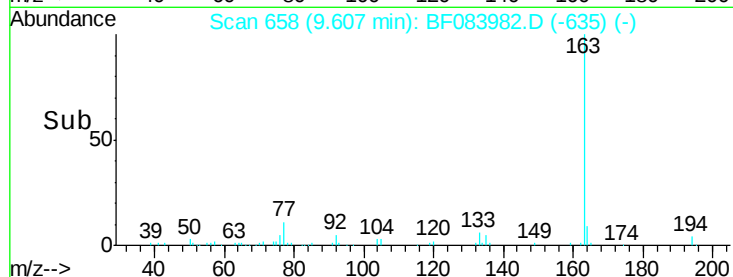
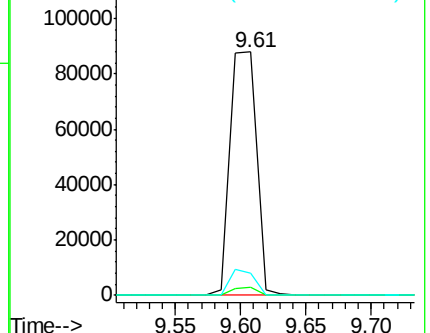
164 8.9 8.0 12.0



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: 11.37 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

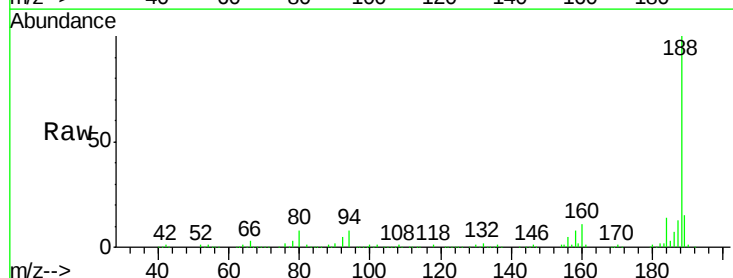
Tgt Ion:188 Resp: 239699

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

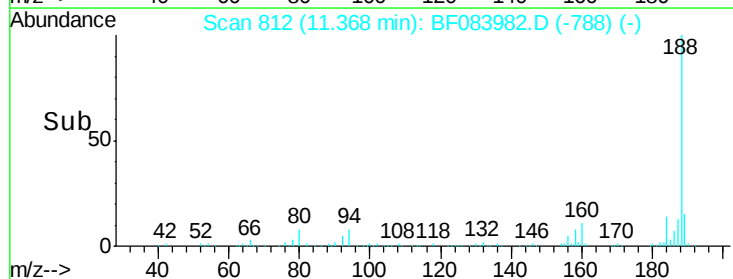
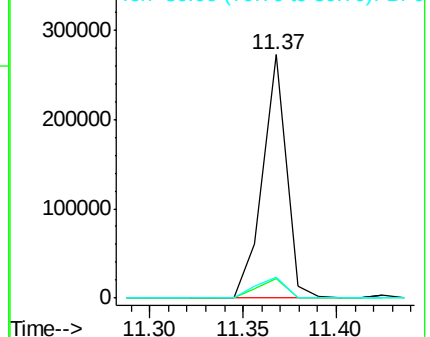
80 8.3 9.6 14.4#

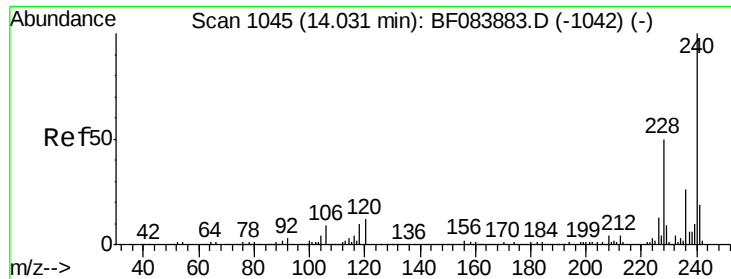


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

UST-8

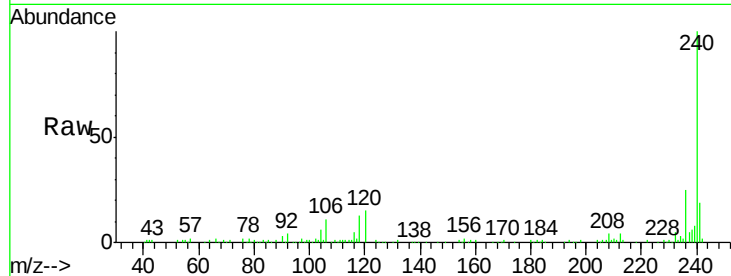
Tot Ion:240 Resp: 176758

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

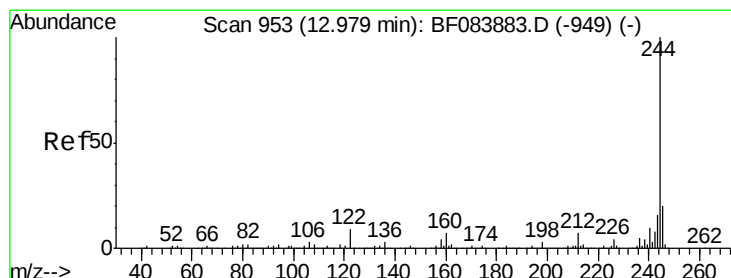
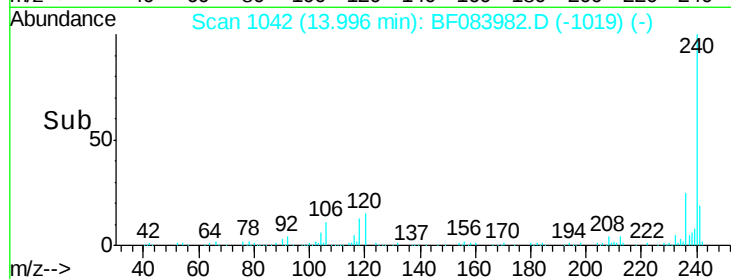
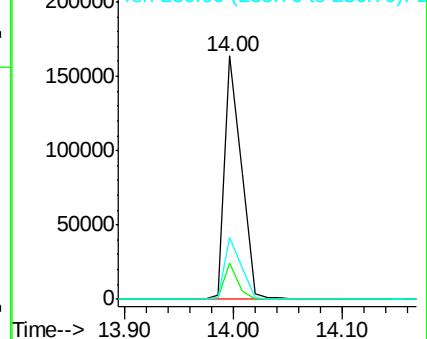
236 25.2 20.6 31.0



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: 62.47 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.03 min

Lab File: BF083982.D

Acq: 20 Dec 2015 6:22

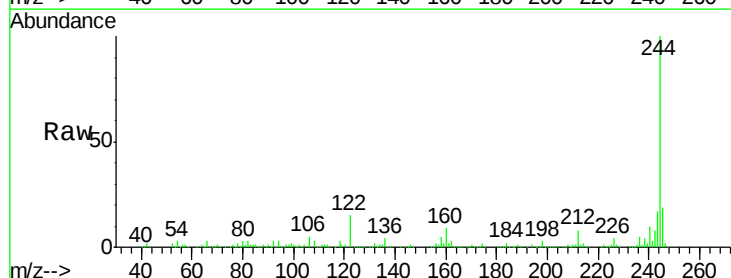
Tgt Ion:244 Resp: 484876

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

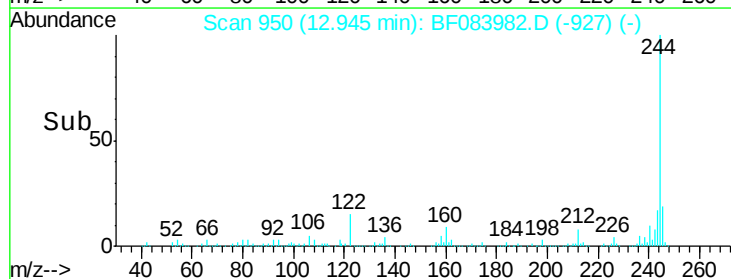
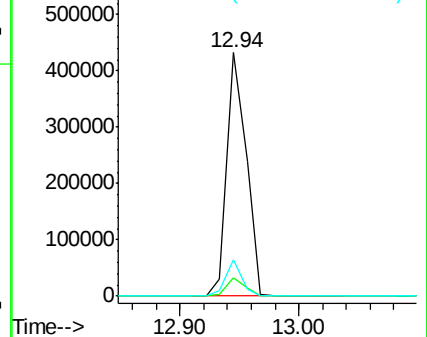
122 14.9 7.4 11.0#

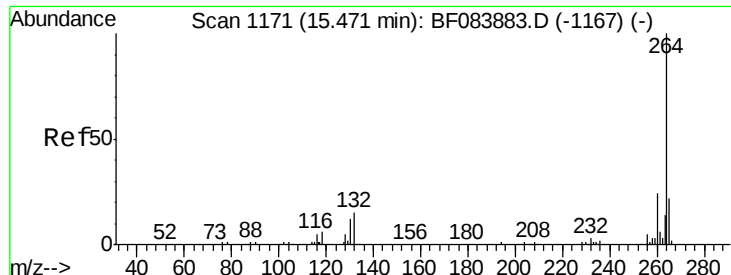


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



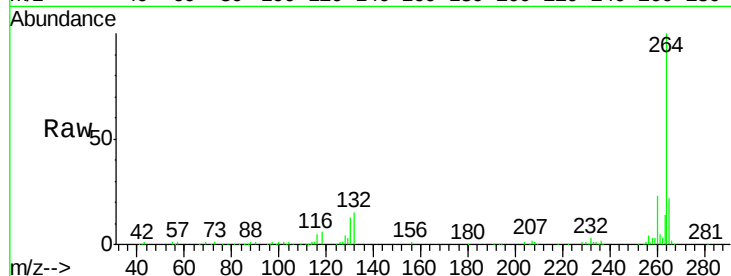


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083982.D
Acq: 20 Dec 2015 6:22

Instrument :
BNA_F
ClientSampleId :
UST-8

Tot Ion: 264 Resp: 160658

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.8	26.6



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

