

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
 Data File : BF082880.D
 Acq On : 10 Nov 2015 20:16
 Operator : UM/IZ
 Sample : PB86543BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86543BL

Quant Time: Nov 13 17:55:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 13 17:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	252499	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	945735	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	538591	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	953969	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	873033	20.00	ng	-0.01
86) Perylene-d12	15.40	264	721919	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1338412	82.47	ng	0.01
7) Phenol-d6	6.45	99	1720855	79.76	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1359686	62.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	487894	79.01	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	2166266	57.65	ng	0.00
78) Terphenyl-d14	12.93	244	2290965	62.24	ng	0.00

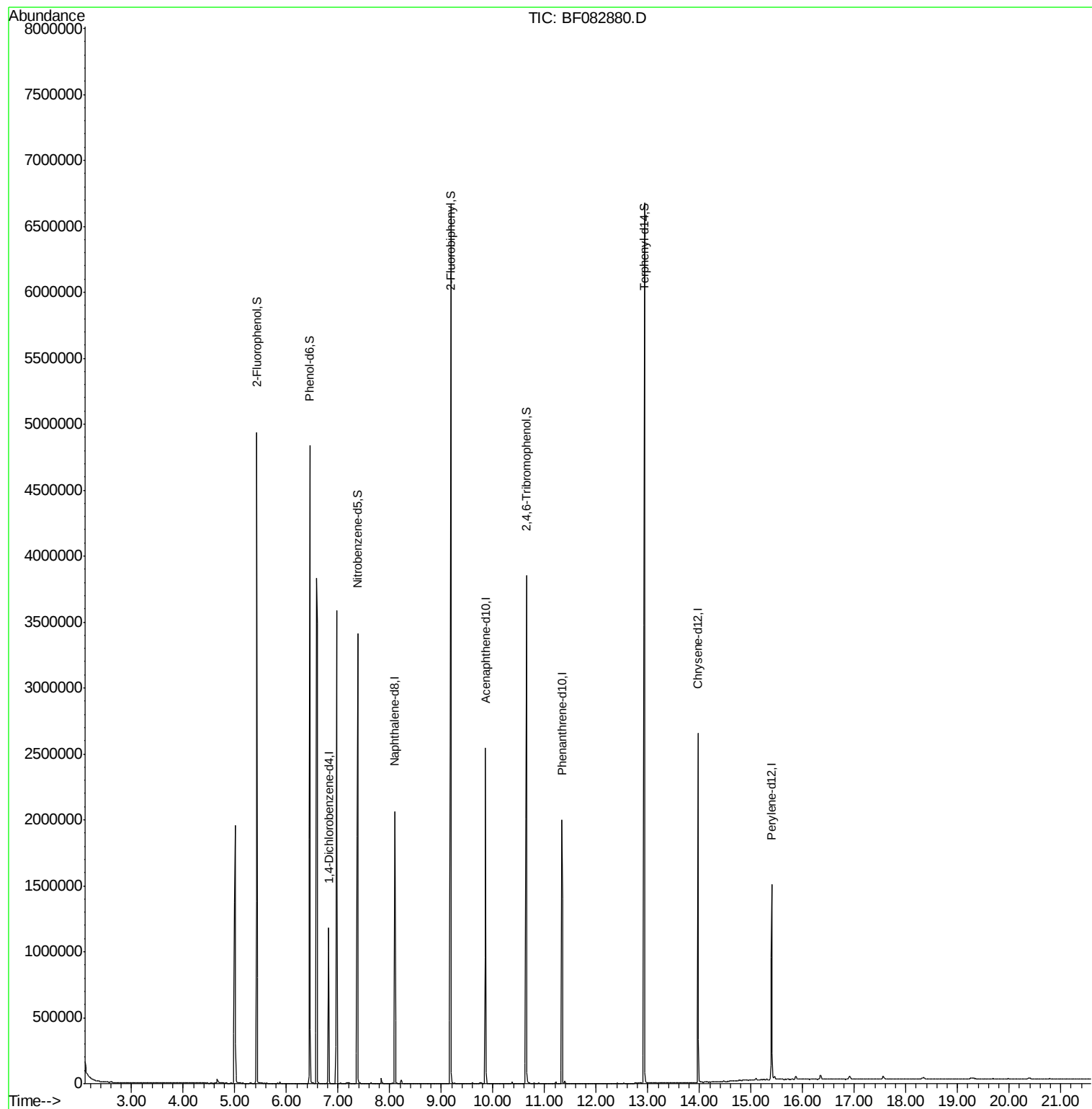
Target Compounds Qvalue

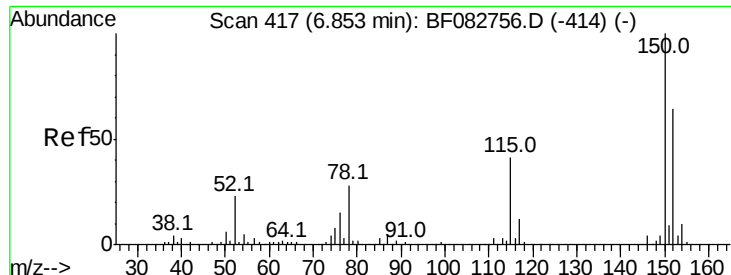
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111015\
Data File : BF082880.D
Acq On : 10 Nov 2015 20:16
Operator : UM/IZ
Sample : PB86543BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86543BL

Quant Time: Nov 13 17:55:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 13 17:36:38 2015
Response via : Initial Calibration



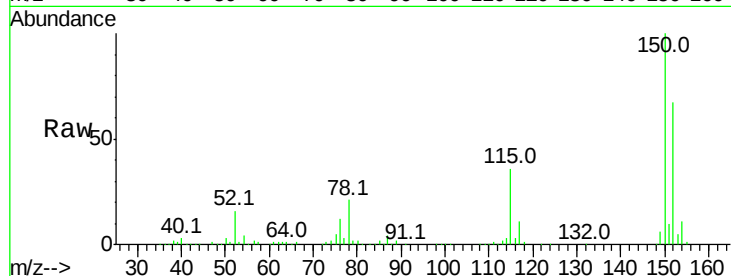


#1

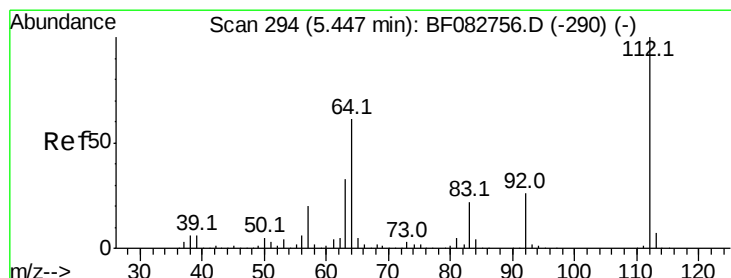
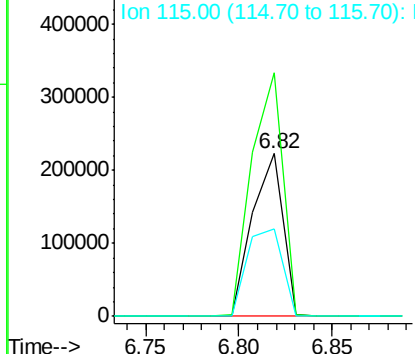
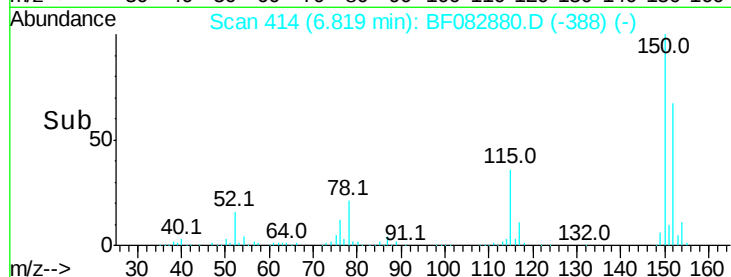
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082880.D
Acq: 10 Nov 2015 20:16

Instrument :
BNA_F
ClientSampleId :
PB86543BL

Tot Ion:152 Resp: 252499
Ion Ratio Lower Upper
152 100
150 149.8 127.0 190.4
115 53.8 47.0 70.6



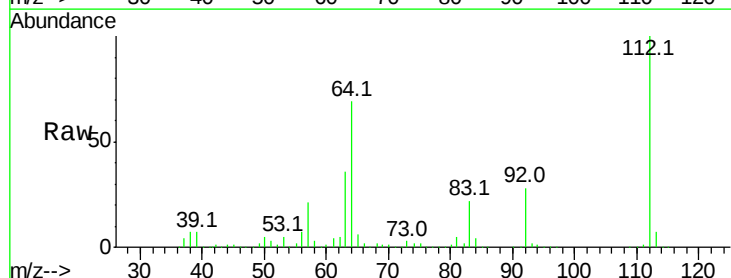
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



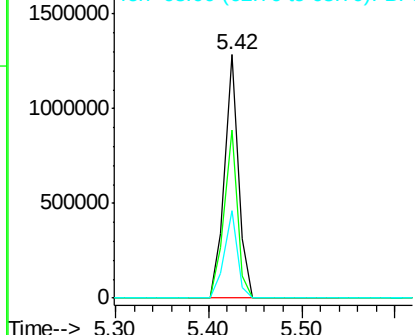
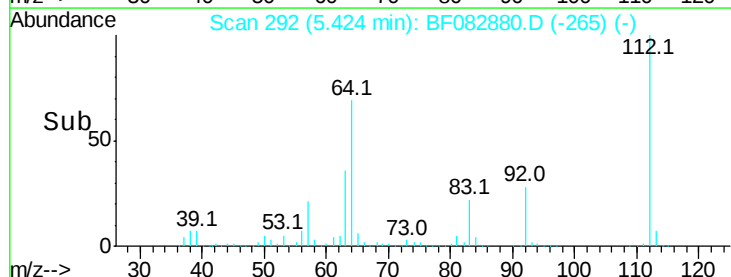
#5

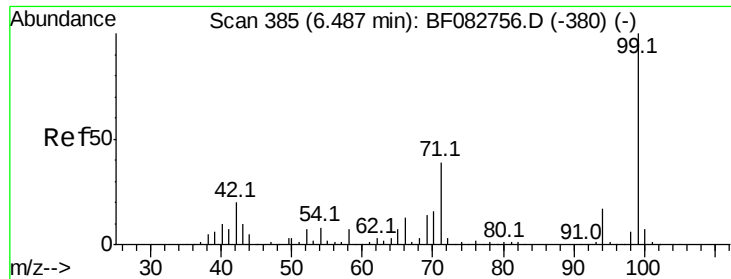
2-Fluorophenol
Concen: 82.47 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF082880.D
Acq: 10 Nov 2015 20:16

Tgt Ion:112 Resp: 1338412
Ion Ratio Lower Upper
112 100
64 69.1 48.9 73.3
63 35.9 28.1 42.1



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: 79.76 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082880.D

Acq: 10 Nov 2015 20:16

Instrument :

BNA_F

ClientSampled :

PB86543BL

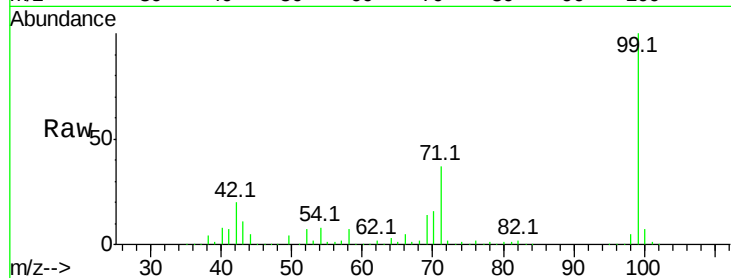
Tot Ion: 99 Resp: 1720855

Ion Ratio Lower Upper

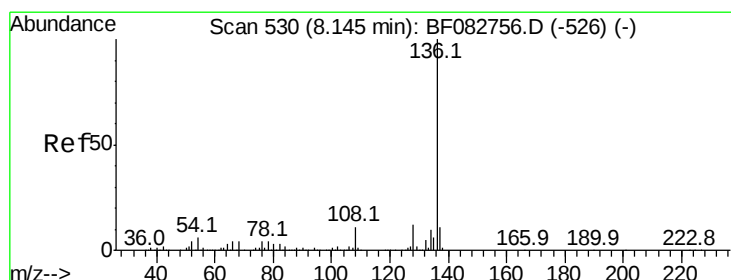
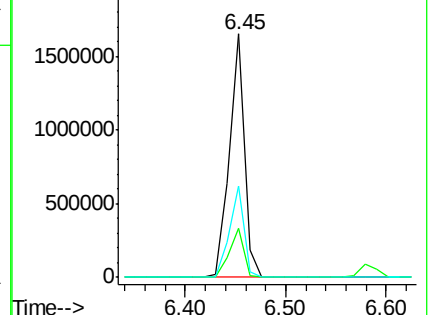
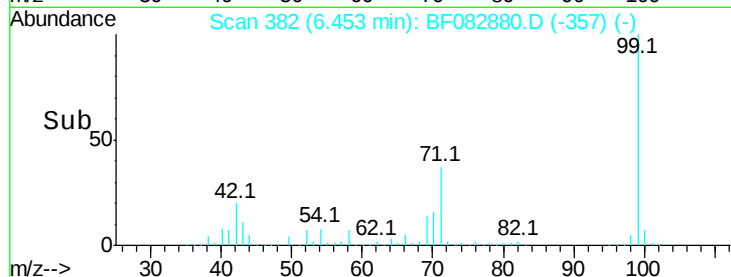
99 100

42 20.3 19.2 28.8

71 37.3 35.0 52.4



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: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF082880.D

Acq: 10 Nov 2015 20:16

Tgt Ion: 136 Resp: 945735

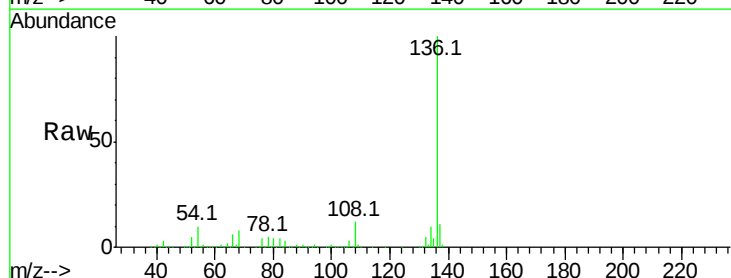
Ion Ratio Lower Upper

136 100

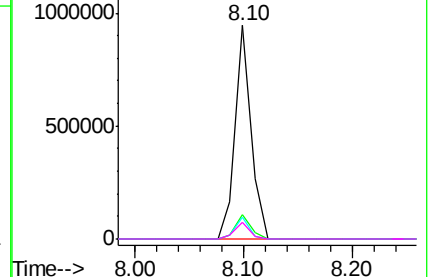
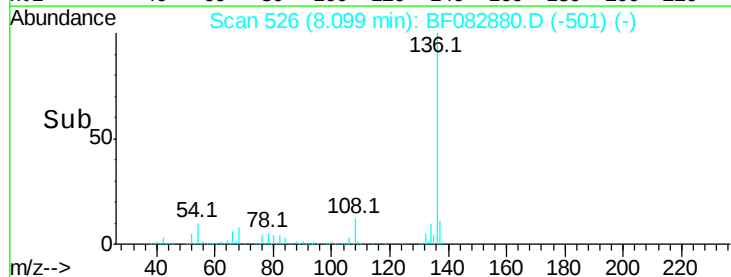
137 11.4 9.1 13.7

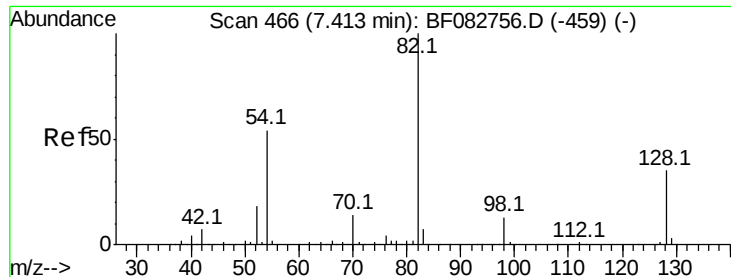
54 10.1 9.1 13.7

68 7.6 4.8 7.2#



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

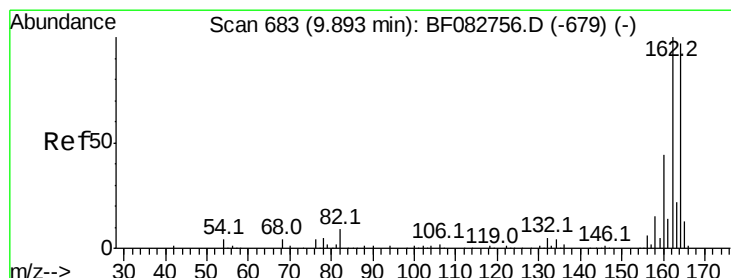
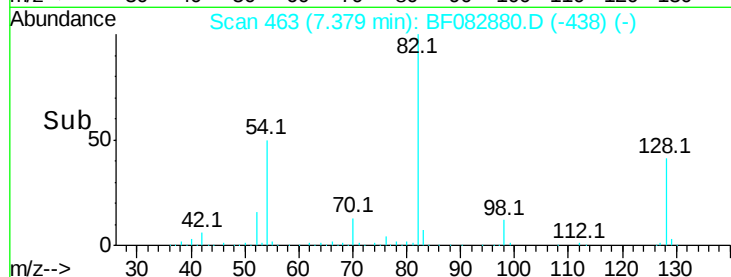
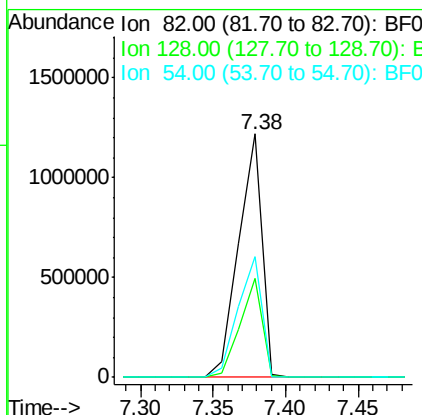
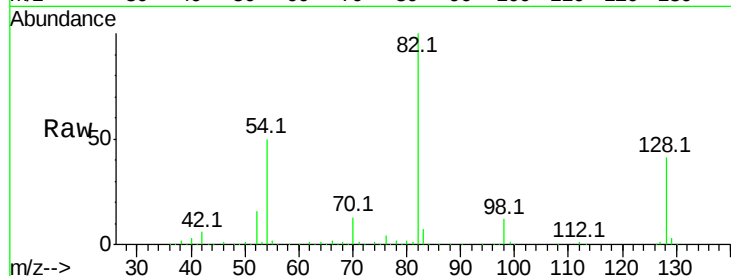




#23
 Nitrobenzene-d5
 Concen: 62.56 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF082880.D
 Acq: 10 Nov 2015 20:16

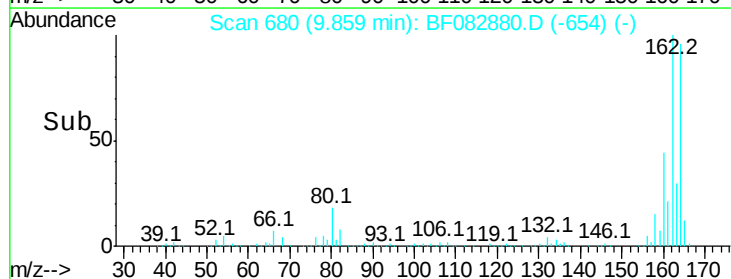
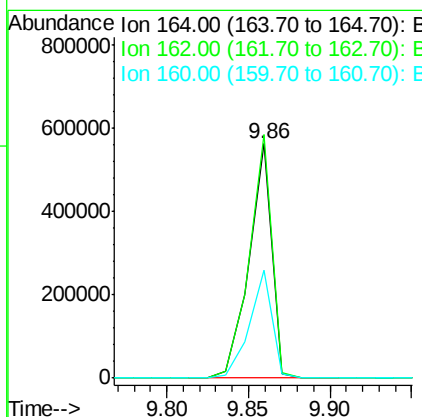
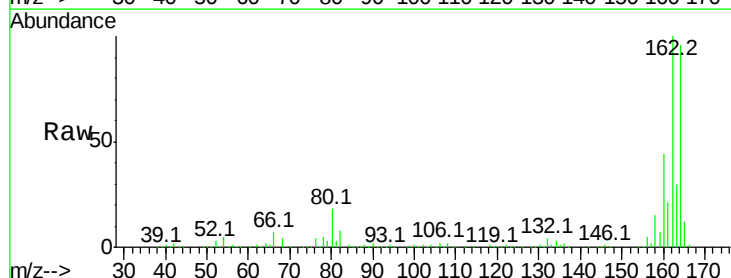
Instrument :
 BNA_F
 ClientSampleId :
 PB86543BL

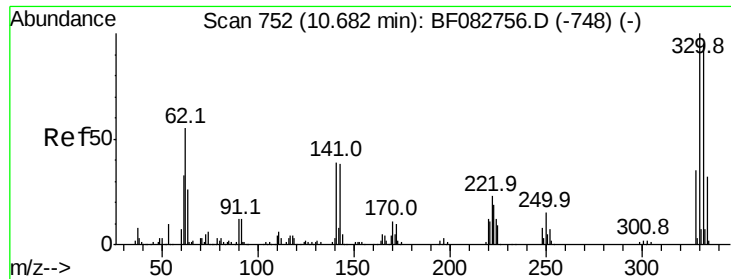
Tot Ion: 82 Resp: 1359686
 Ion Ratio Lower Upper
 82 100
 128 40.5 26.8 40.2#
 54 49.5 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082880.D
 Acq: 10 Nov 2015 20:16

Tgt Ion: 164 Resp: 538591
 Ion Ratio Lower Upper
 164 100
 162 104.0 84.9 127.3
 160 45.9 37.5 56.3

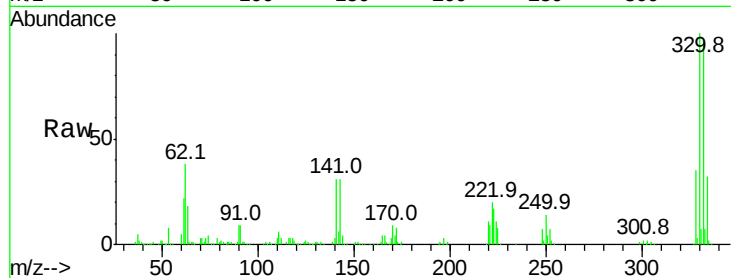




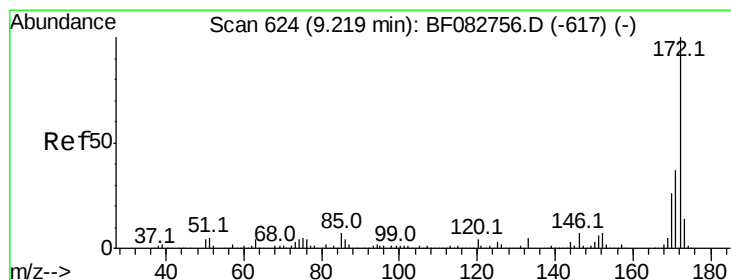
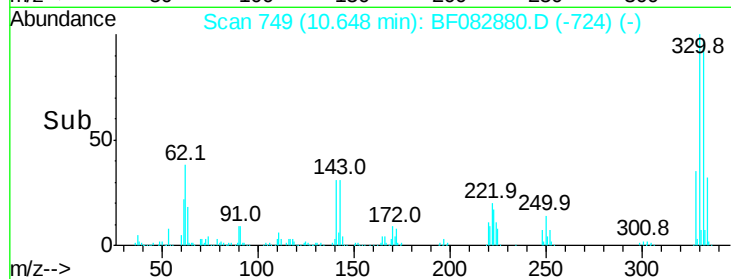
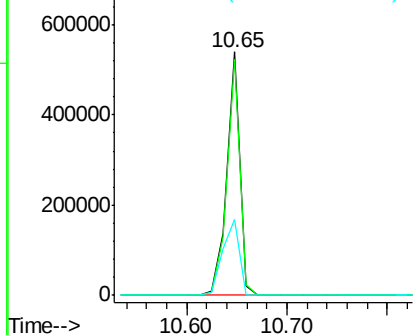
#41
 2,4,6-Tribromophenol
 Concen: 79.01 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF082880.D
 Acq: 10 Nov 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :
 PB86543BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	39.5	41.2	61.8#

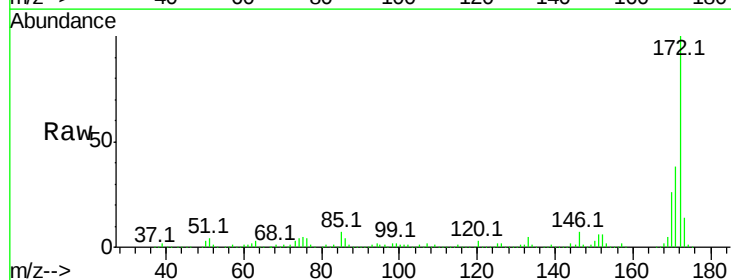


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

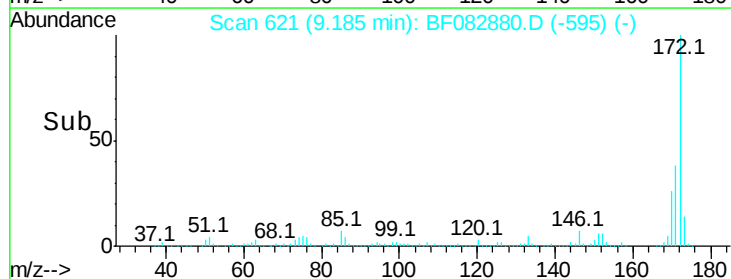
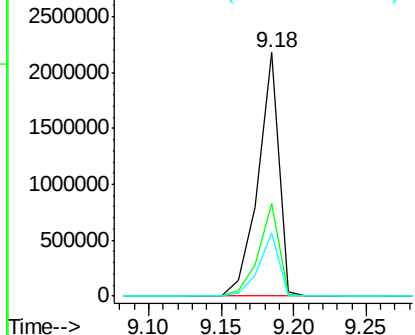


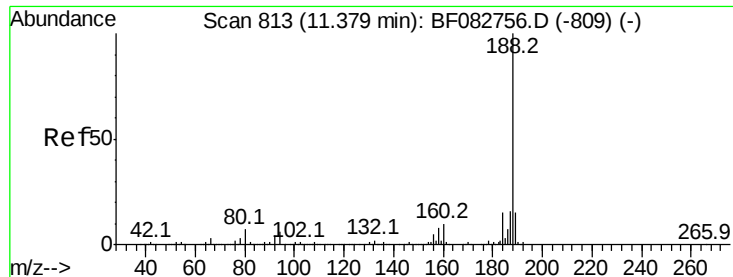
#44
 2-Fluorobiphenyl
 Concen: 57.65 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF082880.D
 Acq: 10 Nov 2015 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.8	46.2
170	26.1	21.2	31.8



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

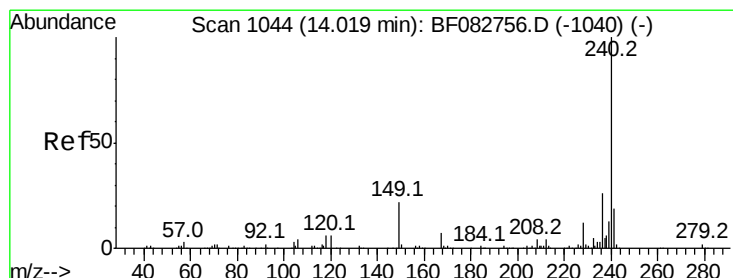
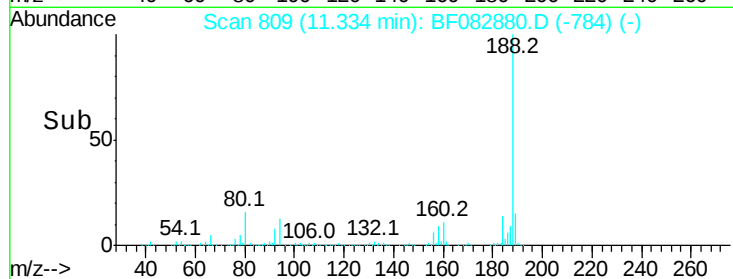
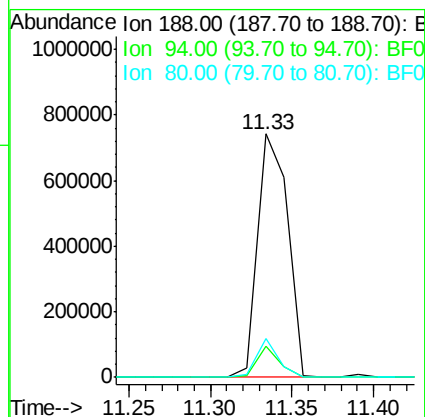
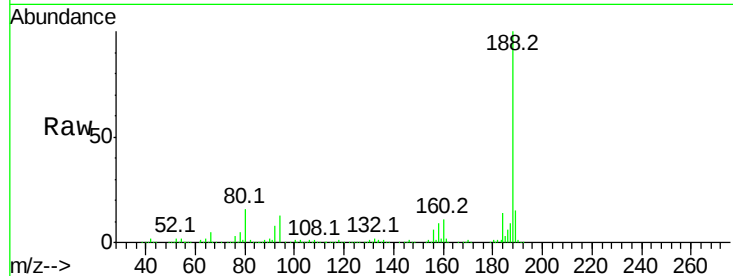




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082880.D
Acq: 10 Nov 2015 20:16

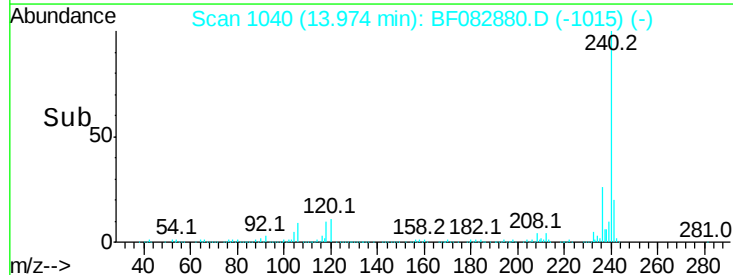
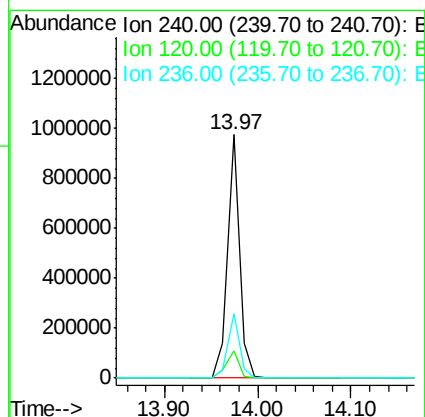
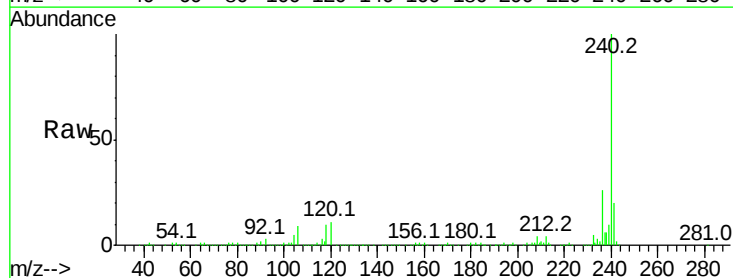
Instrument :
BNA_F
ClientSampleId :
PB86543BL

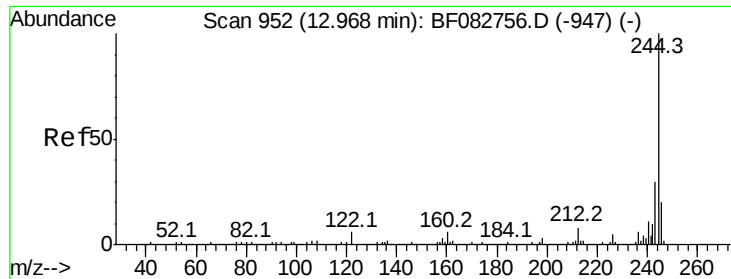
Tot Ion:188 Resp: 953969
Ion Ratio Lower Upper
188 100
94 13.0 6.1 9.1#
80 16.0 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF082880.D
Acq: 10 Nov 2015 20:16

Tgt Ion:240 Resp: 873033
Ion Ratio Lower Upper
240 100
120 11.4 10.9 16.3
236 26.4 21.6 32.4





#78

Terphenyl-d14

Concen: 62.24 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF082880.D

Acq: 10 Nov 2015 20:16

Instrument :

BNA_F

ClientSampleId :

PB86543BL

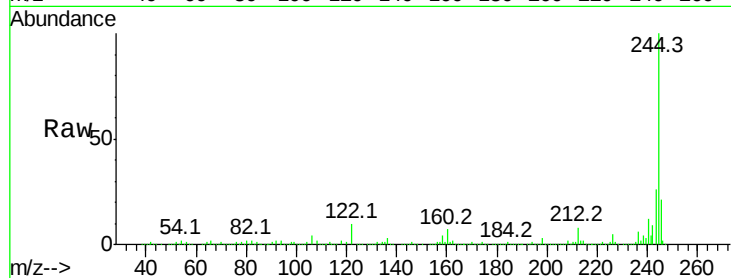
Tot Ion:244 Resp: 2290965

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

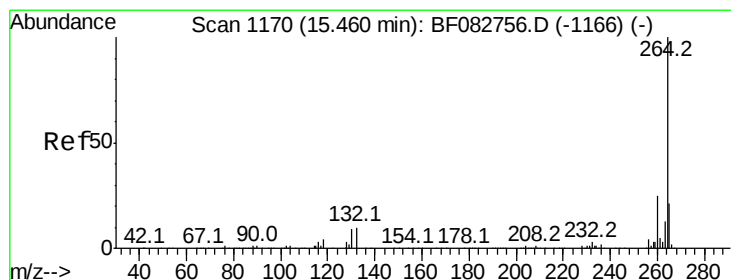
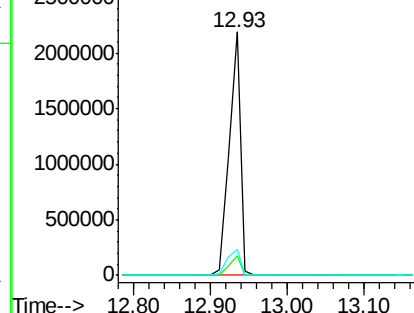
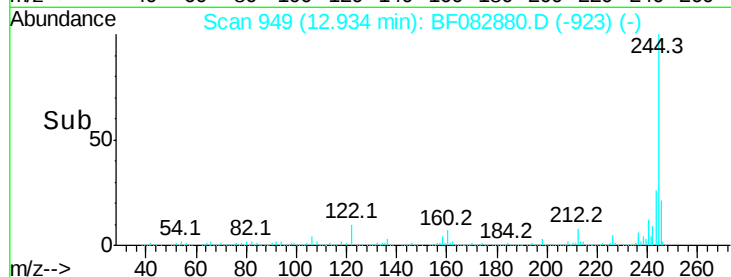
122 10.4 11.3 16.9#



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: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF082880.D

Acq: 10 Nov 2015 20:16

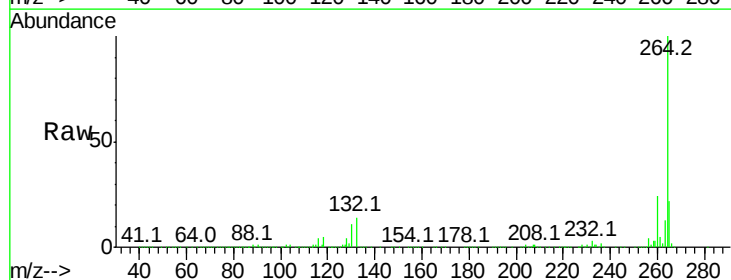
Tgt Ion:264 Resp: 721919

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.8 17.4 26.0



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

