

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082773.D
 Acq On : 6 Nov 2015 20:56
 Operator : UM/IZ
 Sample : PB86432BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Quant Time: Nov 07 03:33:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	230750	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	865767	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	445429	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	923373	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	976784	20.00	ng	-0.01
86) Perylene-d12	15.44	264	669020	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1438422	96.99	ng	0.01
7) Phenol-d6	6.48	99	1984667	100.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1556497	78.23	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	525952	102.98	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2172605	69.91	ng	0.00
78) Terphenyl-d14	12.96	244	2203050	53.49	ng	-0.01

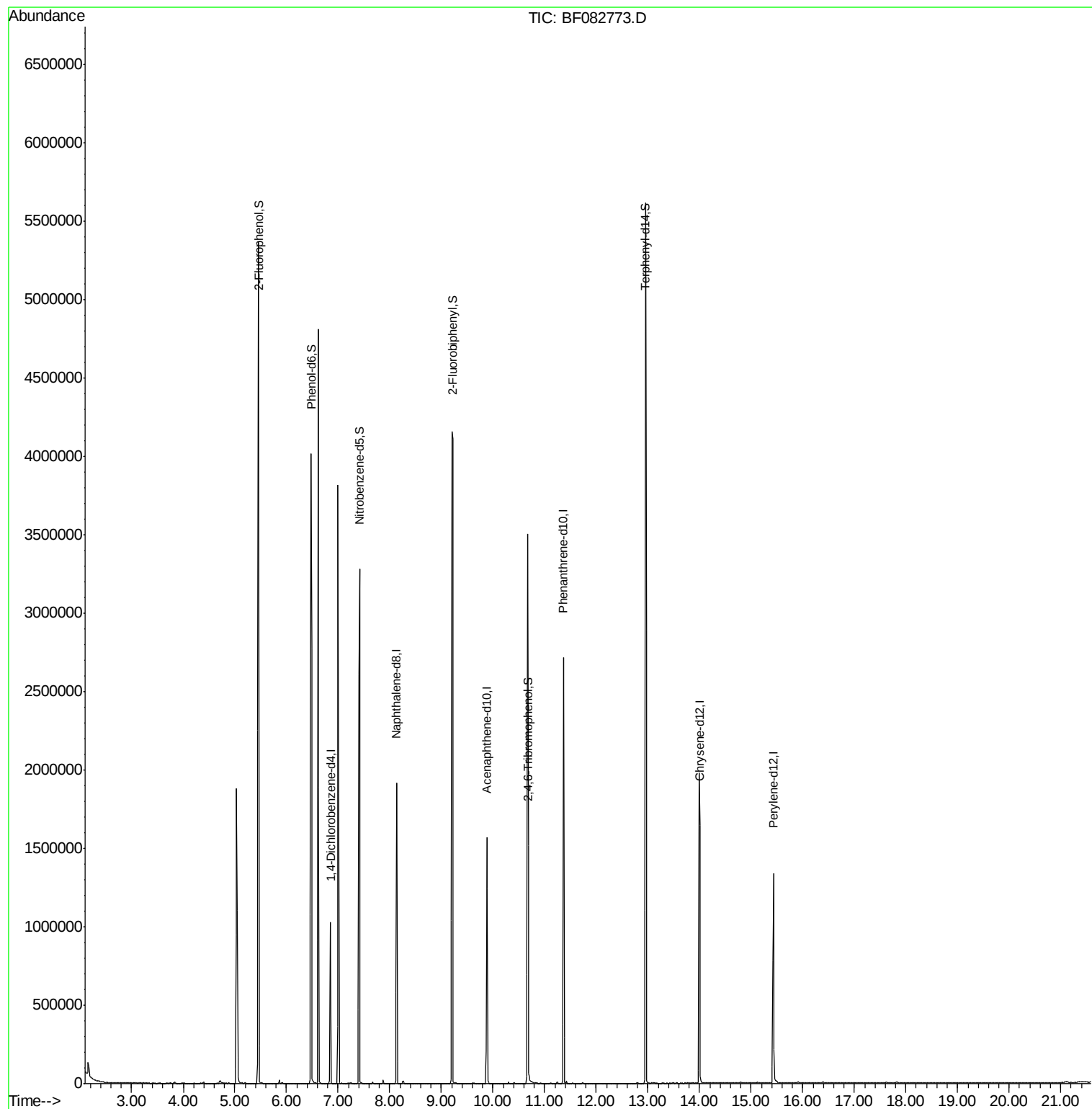
Target Compounds Qvalue

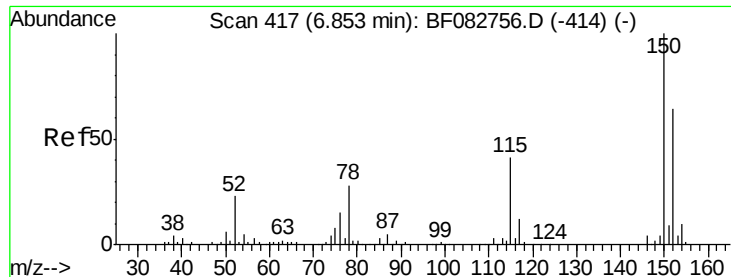
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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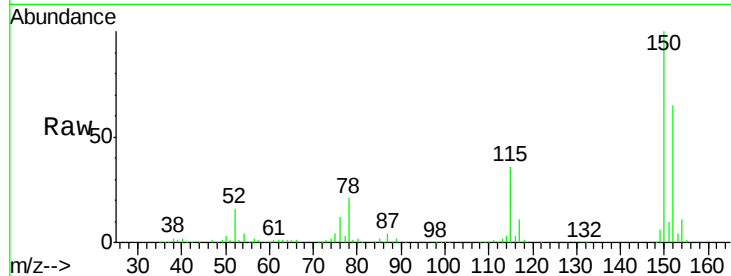


#1

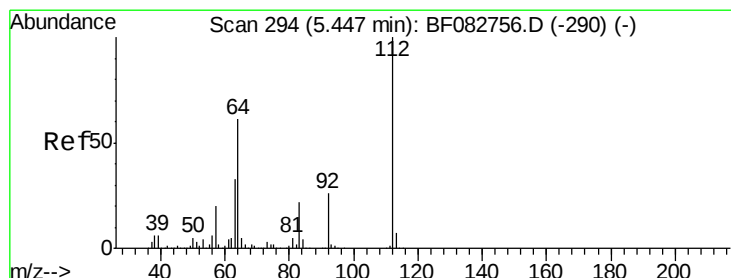
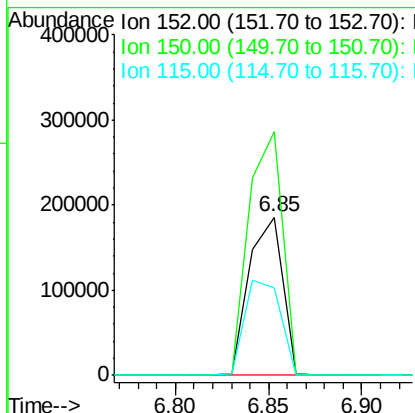
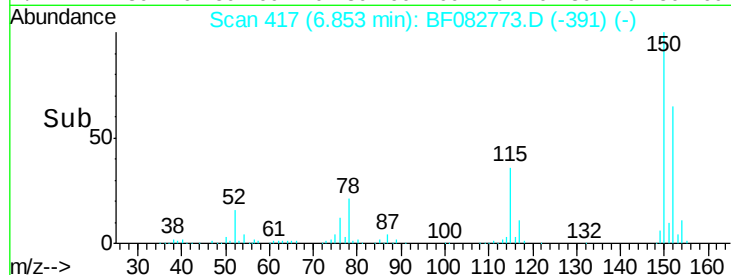
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Instrument :
BNA_F
ClientSampleId :
PB86432BL

Tot Ion:152 Resp: 230750
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.4
115 54.9 47.0 70.6



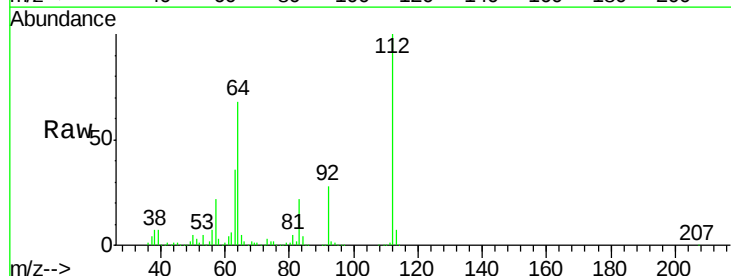
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



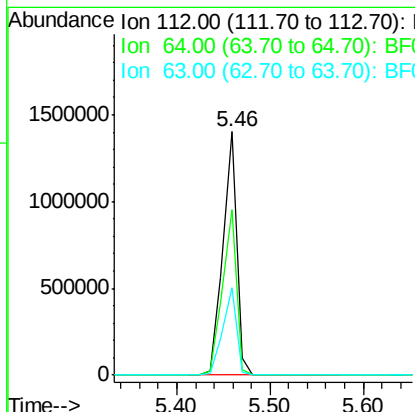
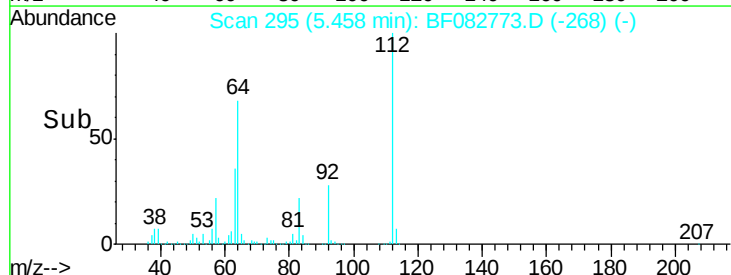
#5

2-Fluorophenol
Concen: 96.99 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082773.D
Acq: 6 Nov 2015 20:56

Tgt Ion:112 Resp: 1438422
Ion Ratio Lower Upper
112 100
64 67.9 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: 100.66 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

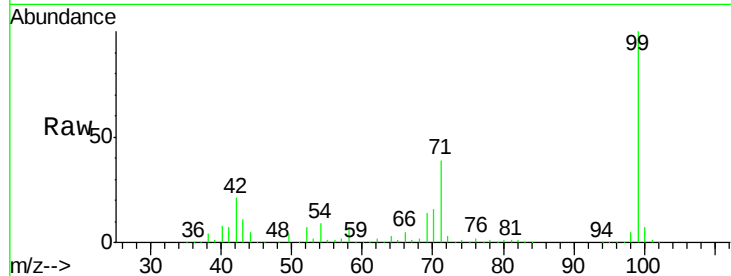
BNA_F

ClientSampleId :

PB86432BL

Tot Ion: 99 Resp: 1984667

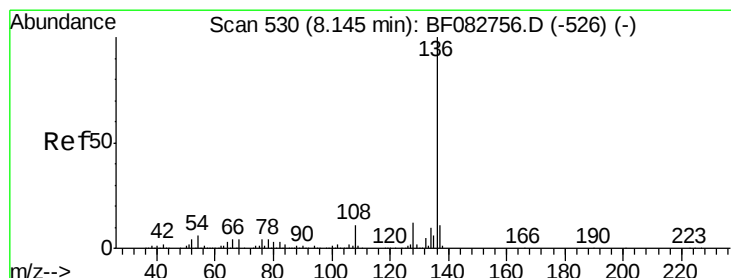
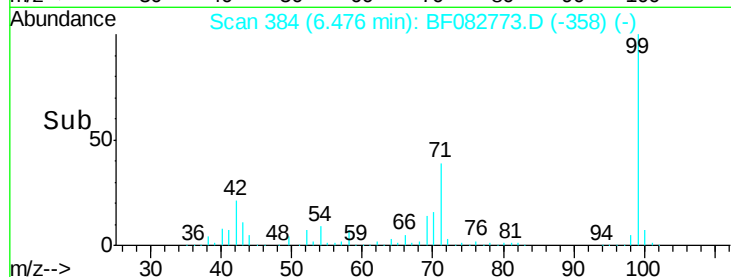
Ion	Ratio	Lower	Upper
99	100		
42	21.0	19.2	28.8
71	38.8	35.0	52.4



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: 8.13 min Scan# 529

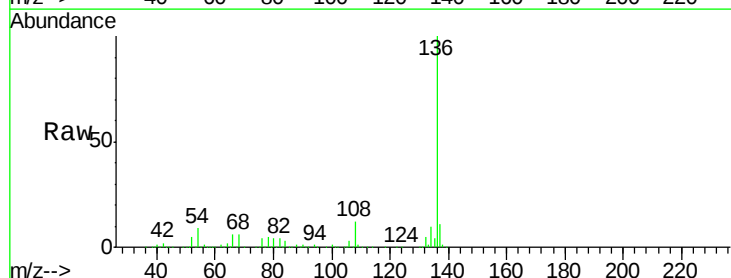
Delta R.T. -0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Tgt Ion: 136 Resp: 865767

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.8	9.1	13.7#
68	6.2	4.8	7.2

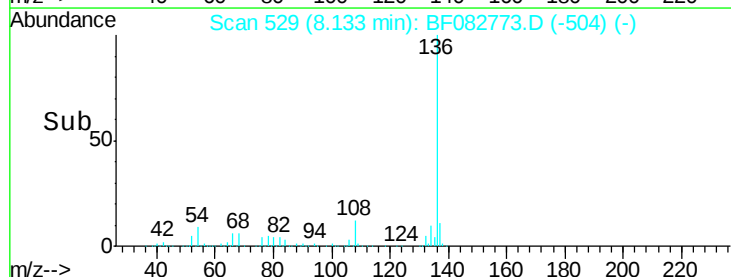


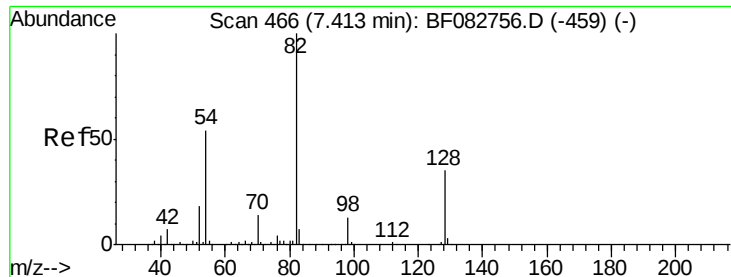
Abundance Ion 136.00 (135.70 to 136.70): E

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

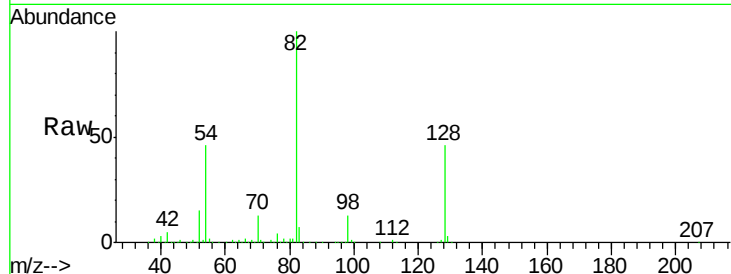




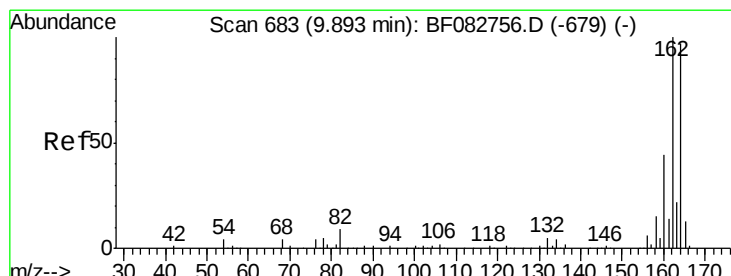
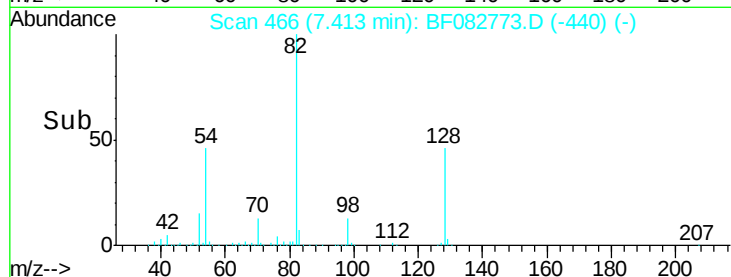
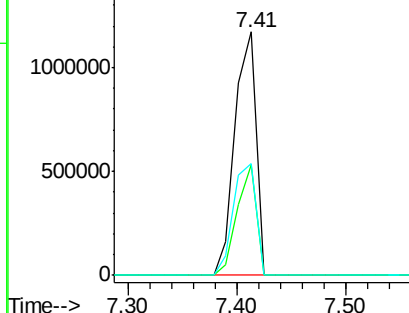
#23
 Nitrobenzene-d5
 Concen: 78.23 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tot Ion: 82 Resp: 1556497
 Ion Ratio Lower Upper
 82 100
 128 45.6 26.8 40.2#
 54 45.7 45.7 68.5

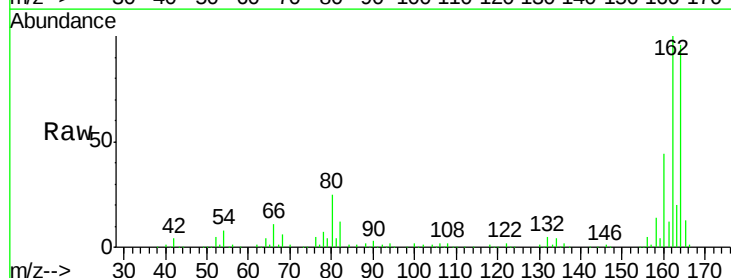


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

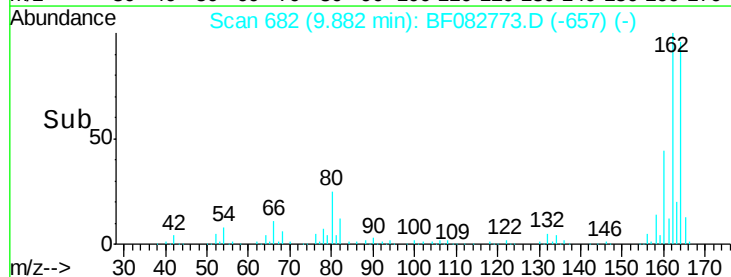
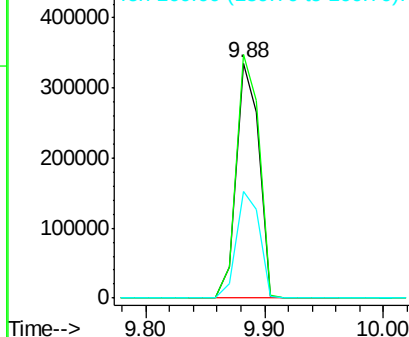


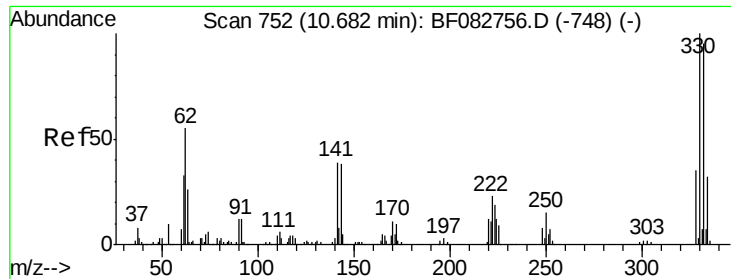
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:164 Resp: 445429
 Ion Ratio Lower Upper
 164 100
 162 103.7 84.9 127.3
 160 45.3 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

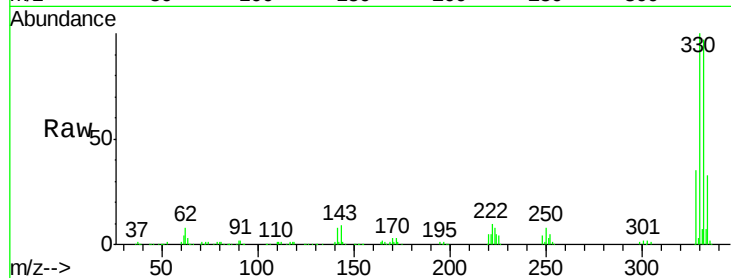




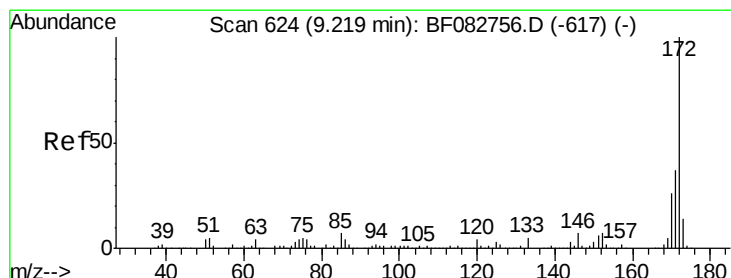
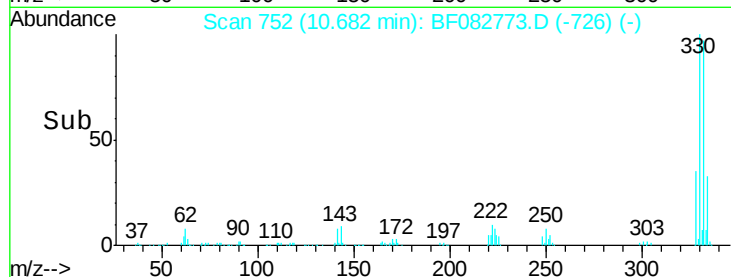
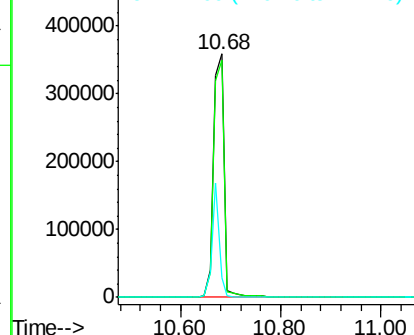
#41
 2,4,6-Tribromophenol
 Concen: 102.98 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tot Ion:330 Resp: 525952
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 32.2 41.2 61.8#

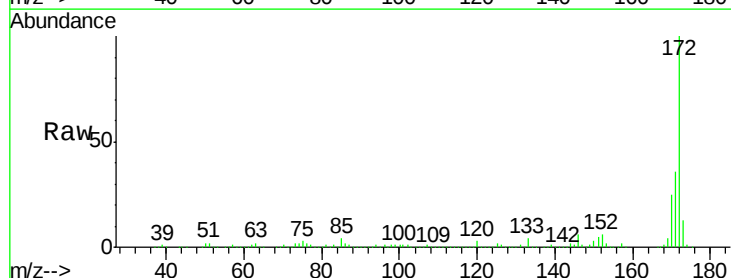


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

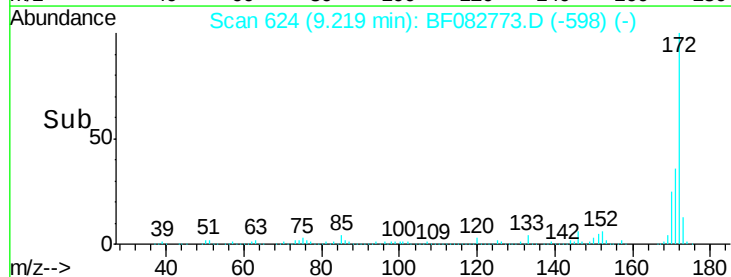
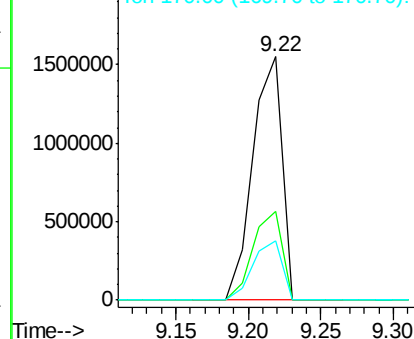


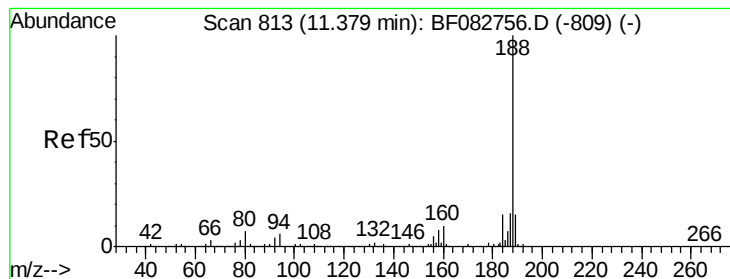
#44
 2-Fluorobiphenyl
 Concen: 69.91 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:172 Resp: 2172605
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 24.6 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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

Instrument :

BNA_F

ClientSampled :

PB86432BL

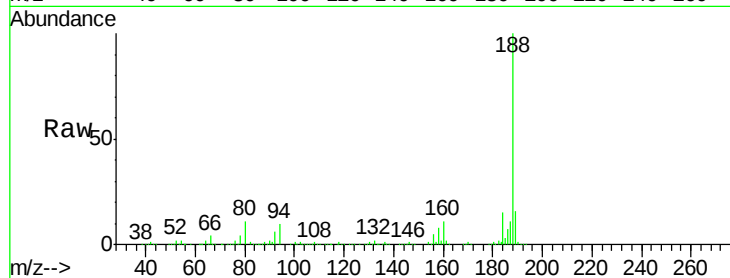
Tot Ion:188 Resp: 923373

Ion Ratio Lower Upper

188 100

94 9.8 6.1 9.1#

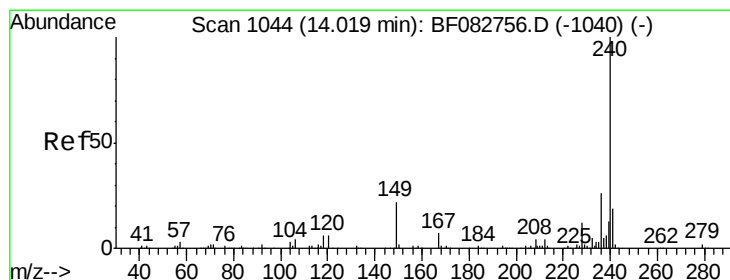
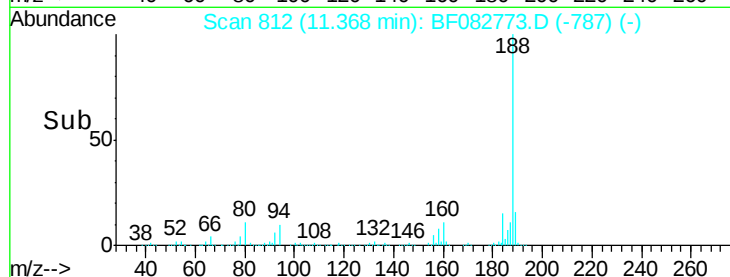
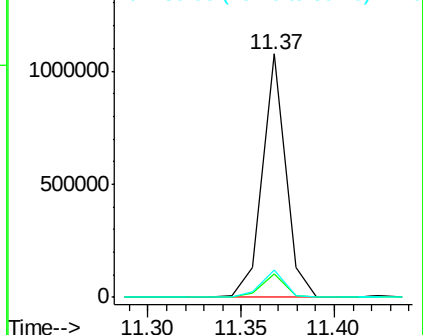
80 11.2 7.0 10.6#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082773.D

Acq: 6 Nov 2015 20:56

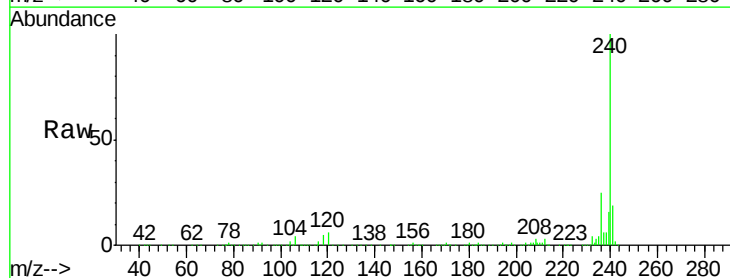
Tgt Ion:240 Resp: 976784

Ion Ratio Lower Upper

240 100

120 5.6 10.9 16.3#

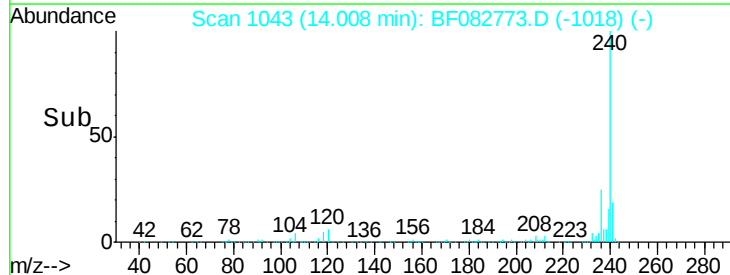
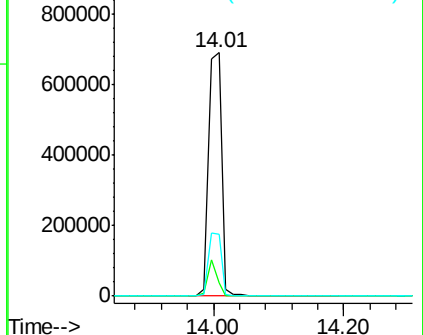
236 25.4 21.6 32.4

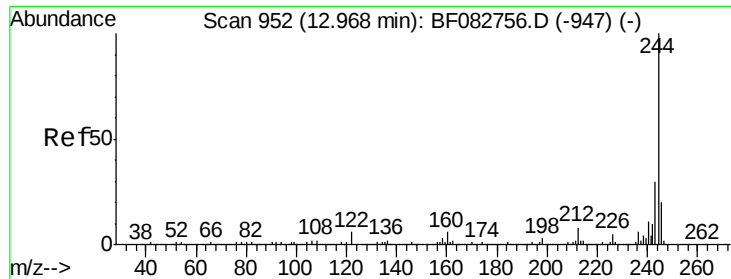


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

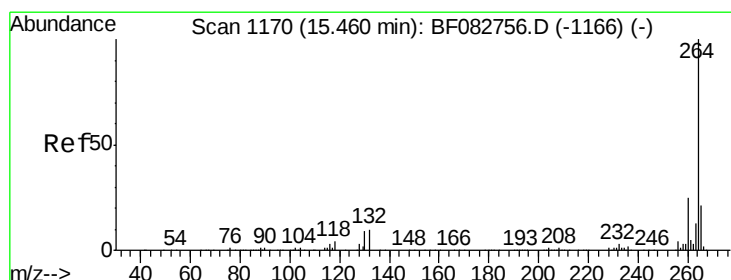
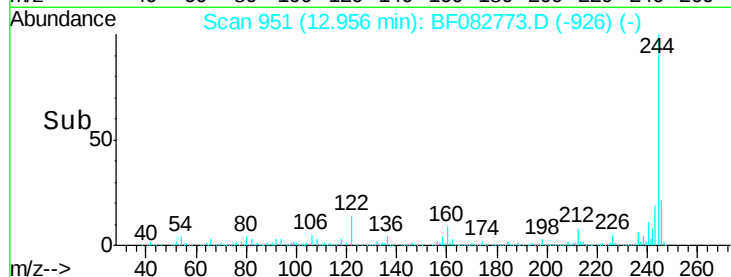
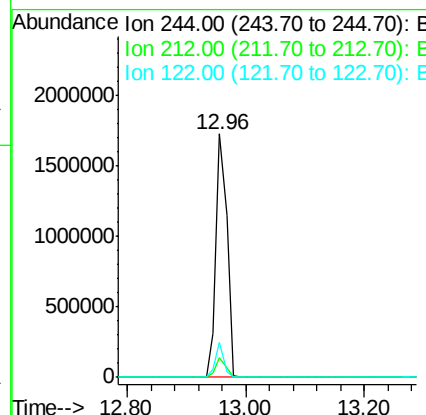
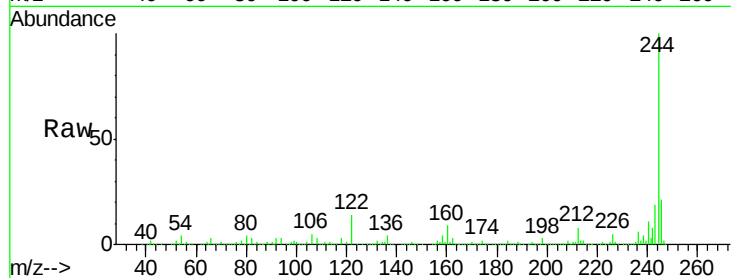




#78
 Terphenyl-d14
 Concen: 53.49 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 PB86432BL

Tot Ion:244 Resp: 2203050
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 14.3 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082773.D
 Acq: 6 Nov 2015 20:56

Tgt Ion:264 Resp: 669020
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.7 17.4 26.0

