

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082774.D
 Acq On : 6 Nov 2015 21:25
 Operator : UM/IZ
 Sample : PB86454BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

Quant Time: Nov 07 03:35:39 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	6.84	152	249520	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	985827	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	497481	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	976923	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	902936	20.00	ng	-0.02
86) Perylene-d12	15.43	264	638875	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1466339	91.44	ng	0.01
7) Phenol-d6	6.48	99	1666620	78.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	1178589	52.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	432332	75.79	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1950233	56.19	ng	-0.01
78) Terphenyl-d14	12.96	244	1924086	50.54	ng	-0.01

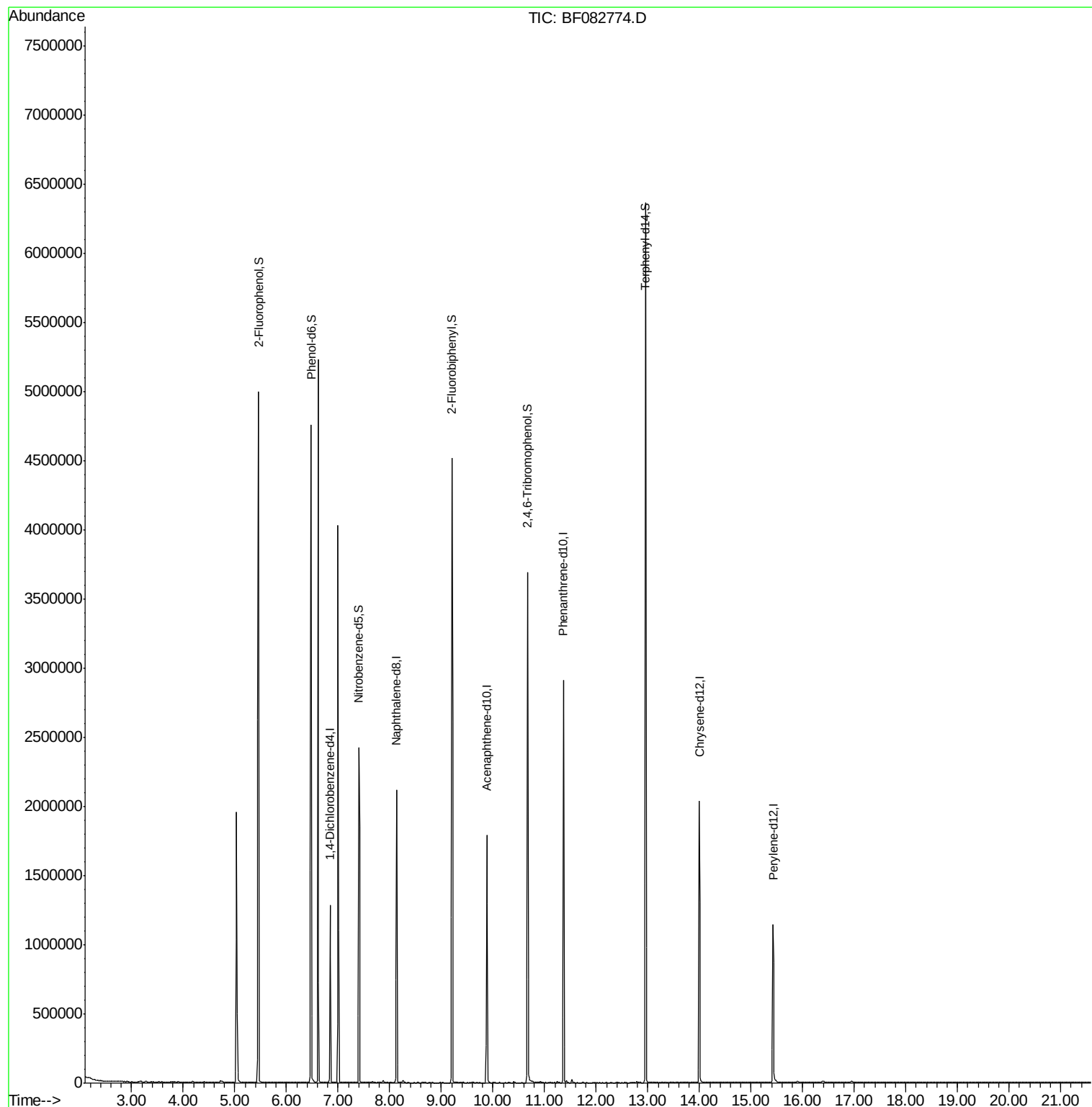
Target Compounds Qvalue

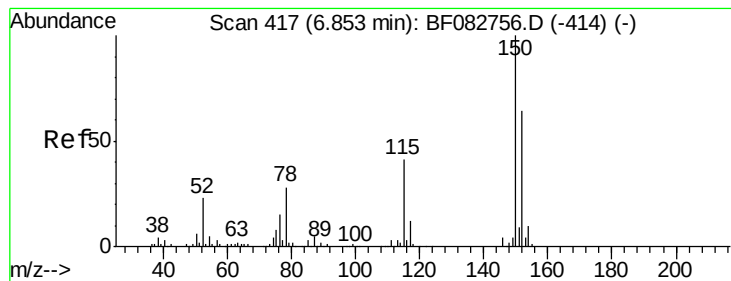
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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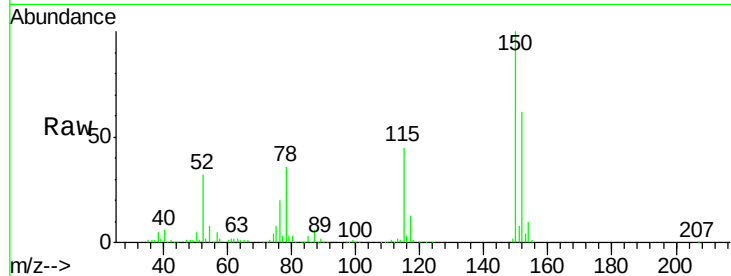


#1

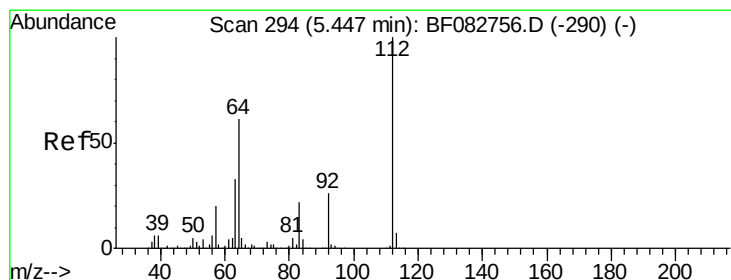
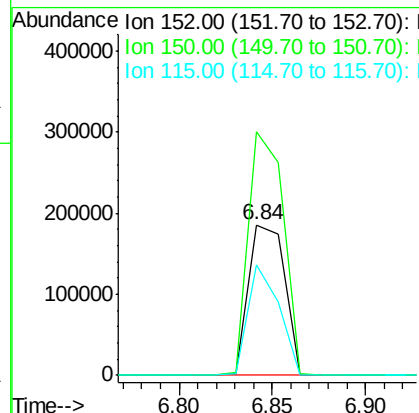
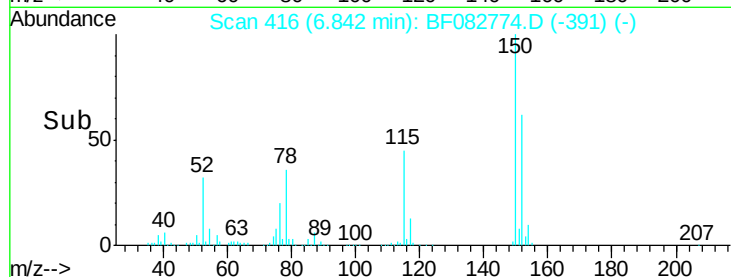
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Instrument :
BNA_F
ClientSampleId :
PB86454BL

Tot Ion:152 Resp: 249520
Ion Ratio Lower Upper
152 100
150 161.5 127.0 190.4
115 73.2 47.0 70.6#



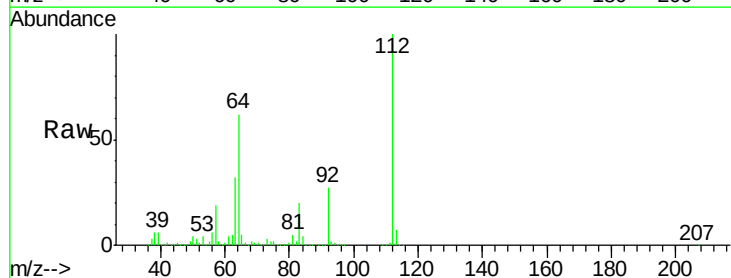
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



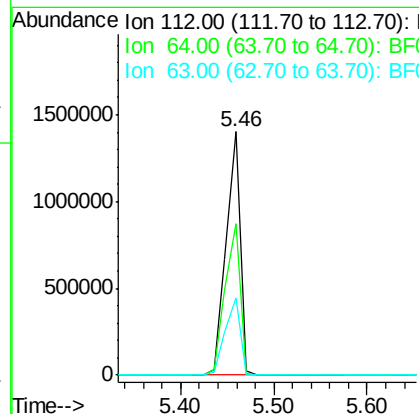
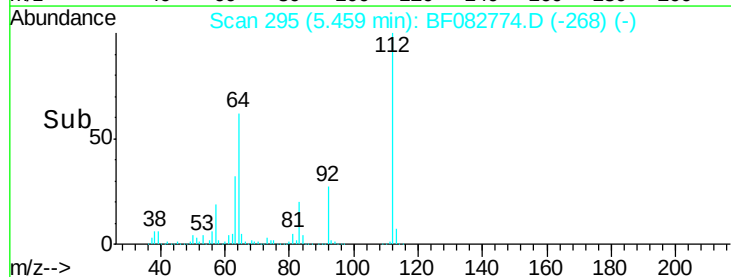
#5

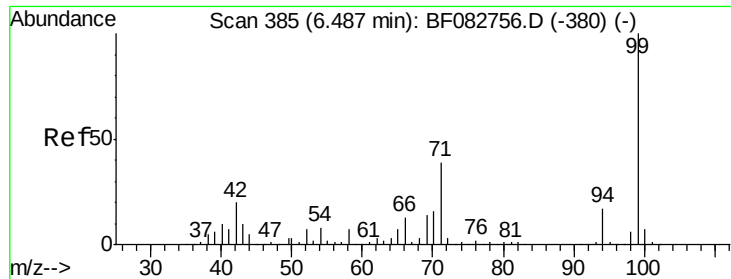
2-Fluorophenol
Concen: 91.44 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082774.D
Acq: 6 Nov 2015 21:25

Tgt Ion:112 Resp: 1466339
Ion Ratio Lower Upper
112 100
64 62.3 48.9 73.3
63 31.8 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: 78.17 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

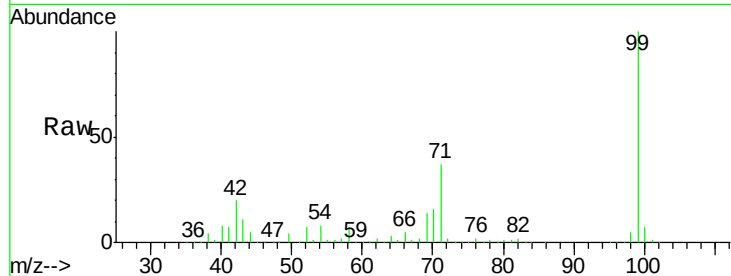
BNA_F

ClientSampleId :

PB86454BL

Tot Ion: 99 Resp: 1666620

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	36.9	35.0	52.4

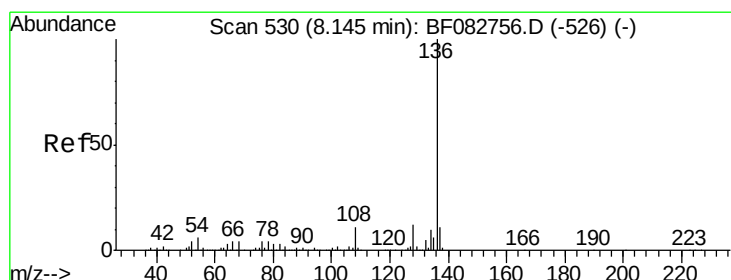
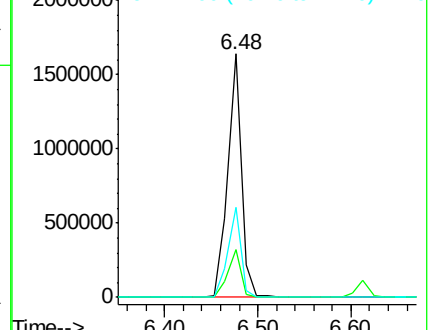
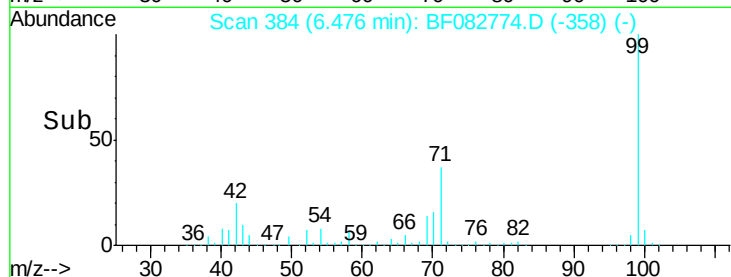


Abundance

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

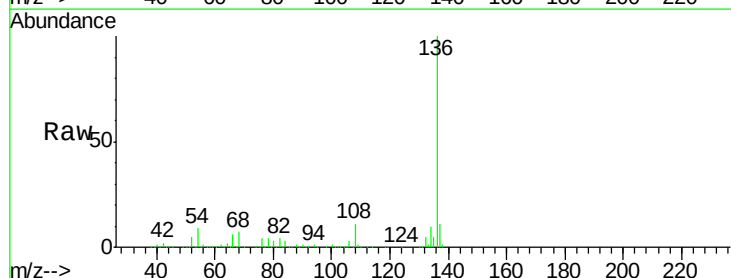
Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Tgt Ion: 136 Resp: 985827

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	9.1	13.7#
68	6.8	4.8	7.2



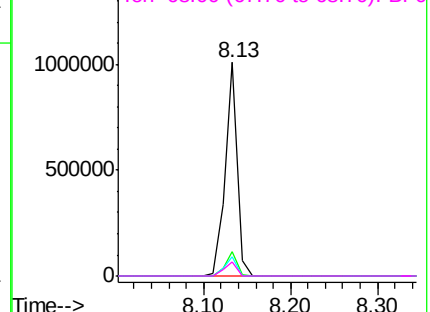
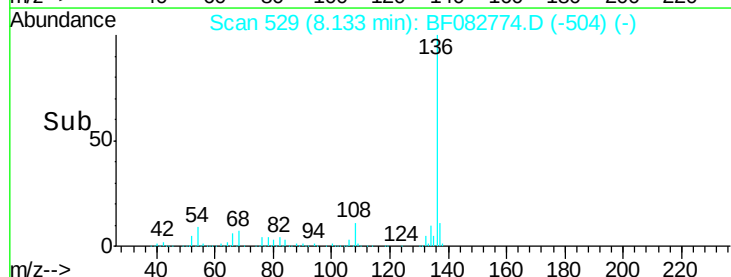
Abundance

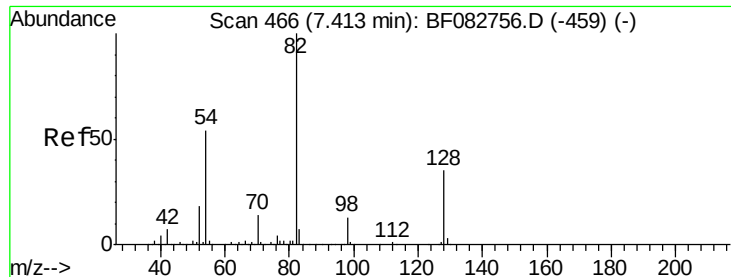
Ion 136.00 (135.70 to 136.70): E

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



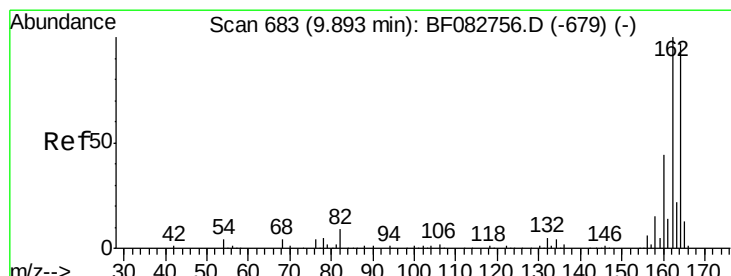
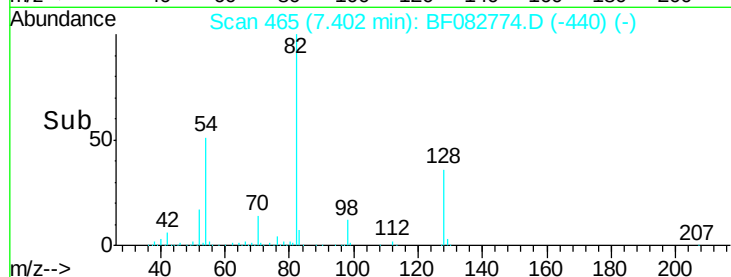
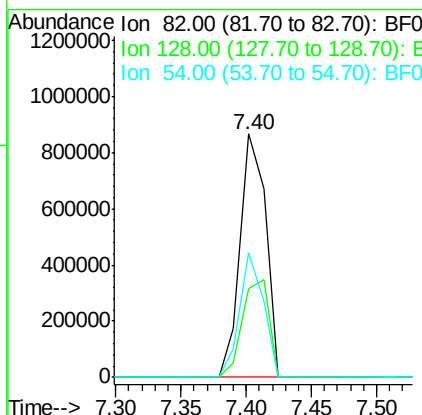
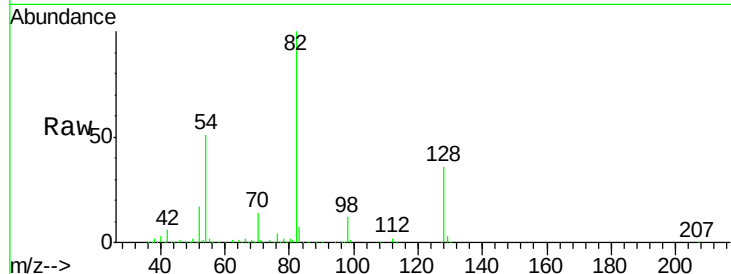


#23
 Nitrobenzene-d5
 Concen: 52.02 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

Tot Ion: 82 Resp: 1178589

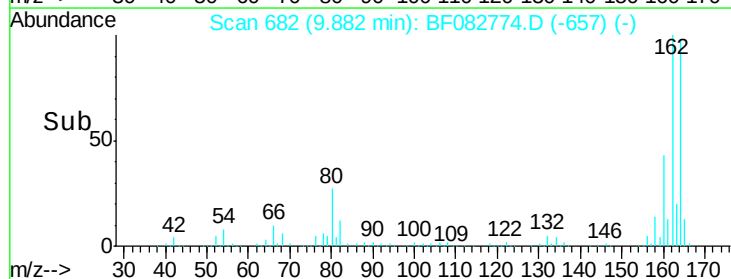
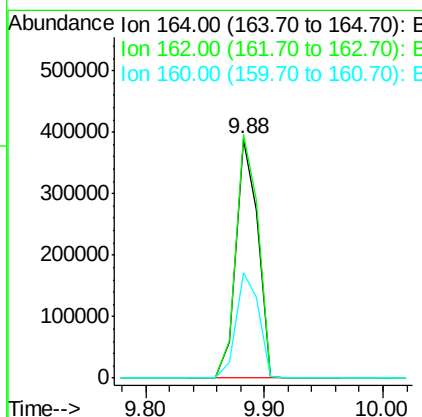
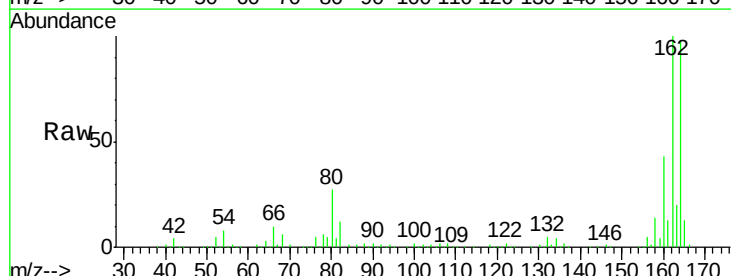
Ion	Ratio	Lower	Upper
82	100		
128	36.5	26.8	40.2
54	51.4	45.7	68.5

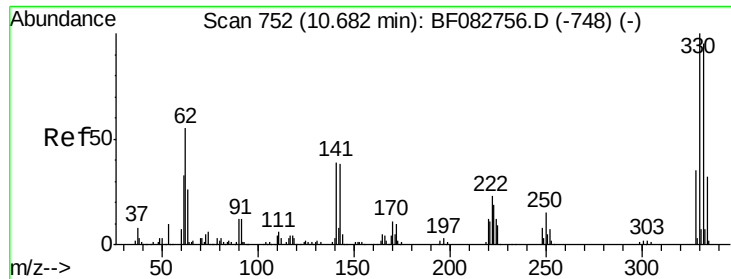


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Tgt Ion: 164 Resp: 497481

Ion	Ratio	Lower	Upper
164	100		
162	102.0	84.9	127.3
160	44.2	37.5	56.3

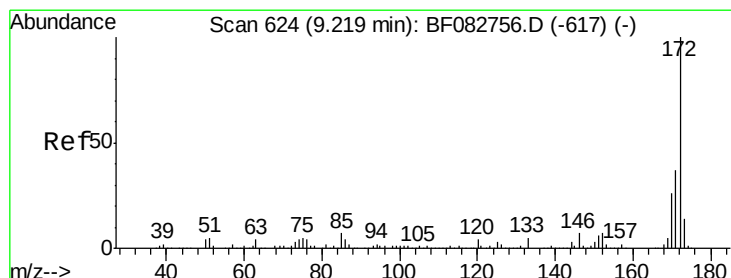
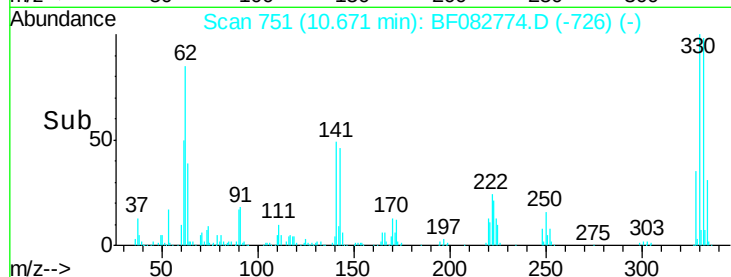
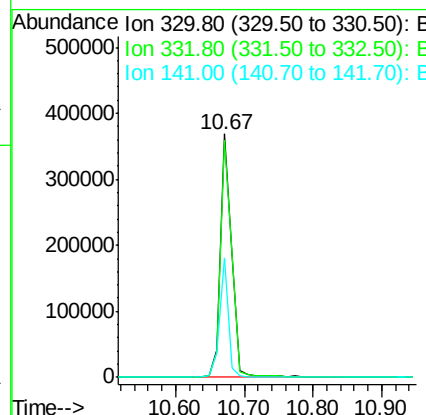
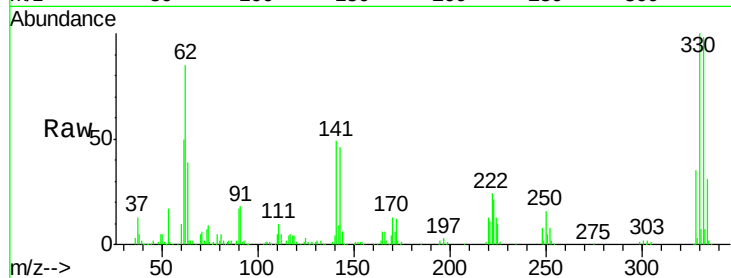




#41
 2,4,6-Tribromophenol
 Concen: 75.79 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

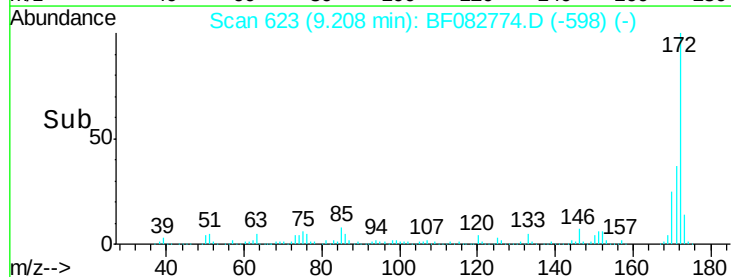
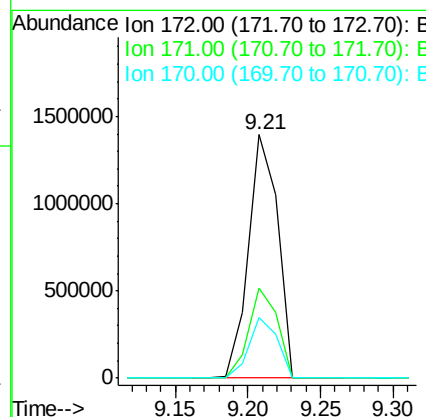
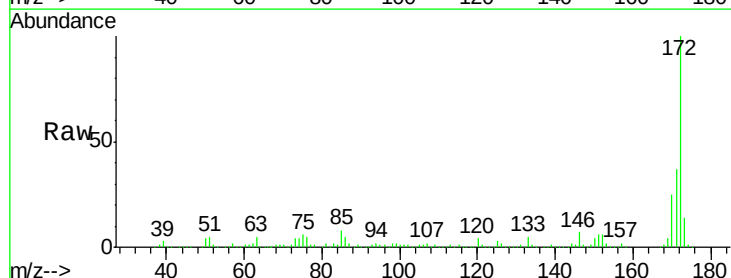
Instrument :
 BNA_F
 ClientSampleID :
 PB86454BL

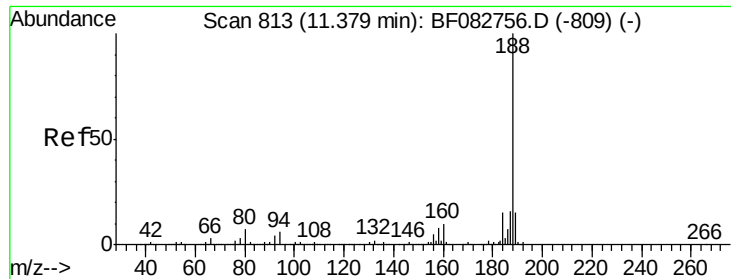
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	38.7	41.2	61.8#



#44
 2-Fluorobiphenyl
 Concen: 56.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.8	46.2
170	24.8	21.2	31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

Instrument :

BNA_F

ClientSampleId :

PB86454BL

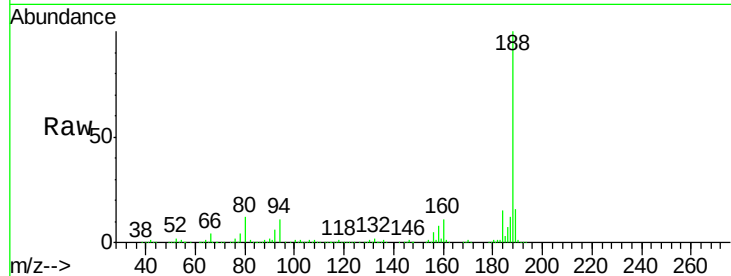
Tot Ion:188 Resp: 976923

Ion Ratio Lower Upper

188 100

94 10.7 6.1 9.1#

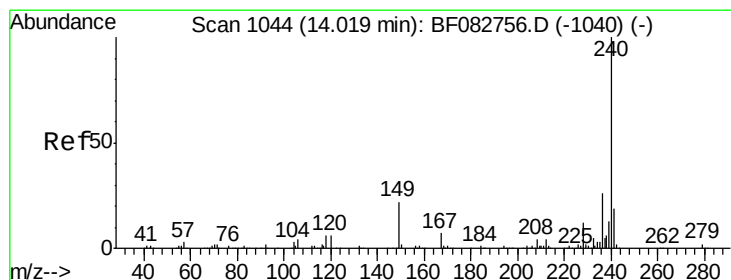
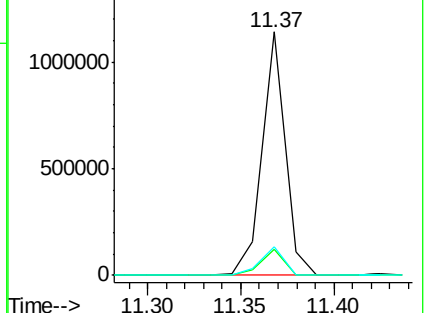
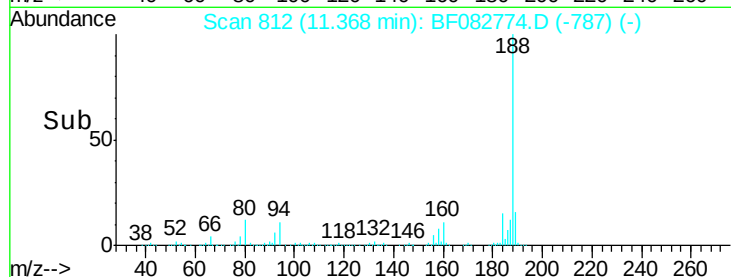
80 11.9 7.0 10.6#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082774.D

Acq: 6 Nov 2015 21:25

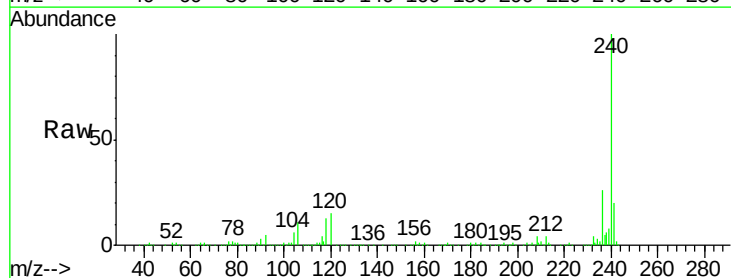
Tgt Ion:240 Resp: 902936

Ion Ratio Lower Upper

240 100

120 14.9 10.9 16.3

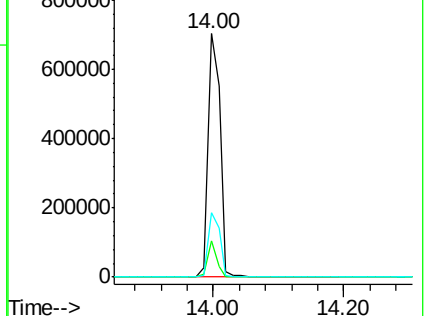
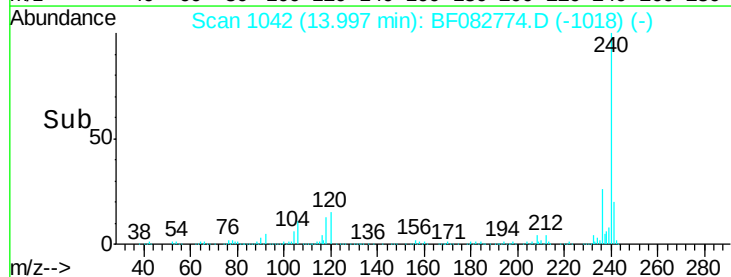
236 26.3 21.6 32.4

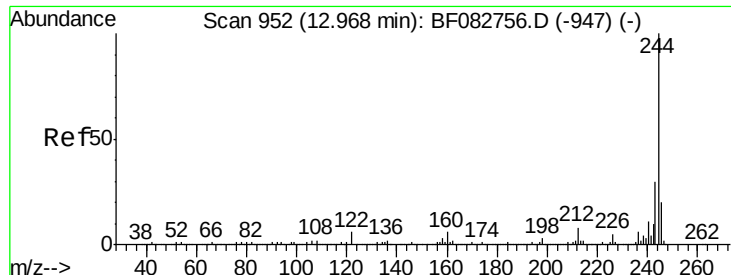


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

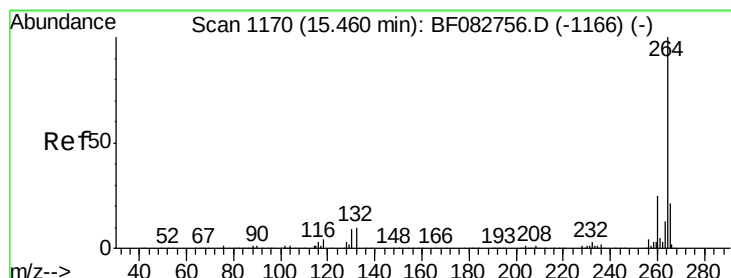
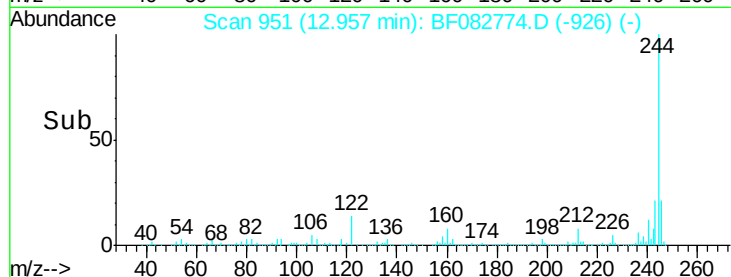
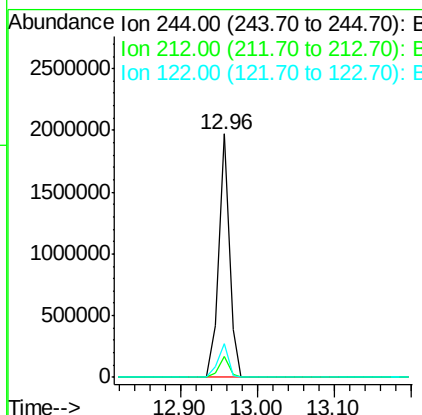
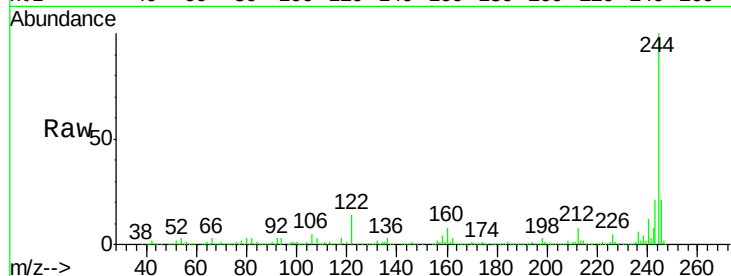




#78
 Terphenyl-d14
 Concen: 50.54 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BL

Tot Ion:244 Resp: 1924086
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.6 11.4
 122 13.7 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082774.D
 Acq: 6 Nov 2015 21:25

Tgt Ion:264 Resp: 638875
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 21.3 17.4 26.0

