

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100715\
 Data File : BF082105.D
 Acq On : 7 Oct 2015 15:29
 Operator : UM/IZ
 Sample : PB85924BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

Quant Time: Oct 08 03:38:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91165	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	372790	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181777	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	374939	20.00	ng	0.00
75) Chrysene-d12	14.05	240	345288	20.00	ng	-0.01
86) Perylene-d12	15.50	264	270464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	581870	115.86	ng	0.01
7) Phenol-d6	6.50	99	742315	117.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	472757	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	222350	120.78	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	985065	92.19	ng	-0.01
78) Terphenyl-d14	12.99	244	1025253	101.13	ng	0.00

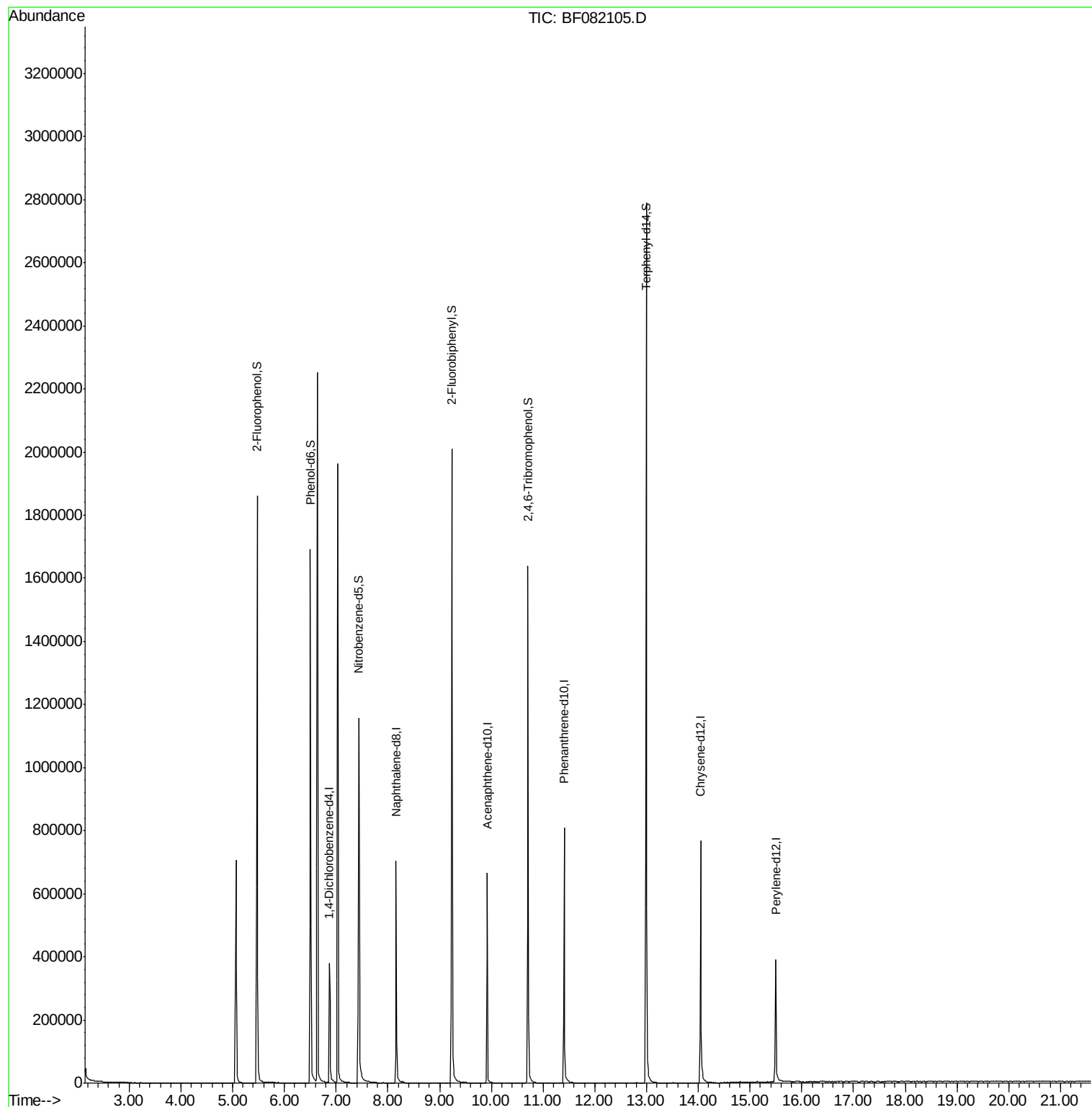
Target Compounds	Qvalue
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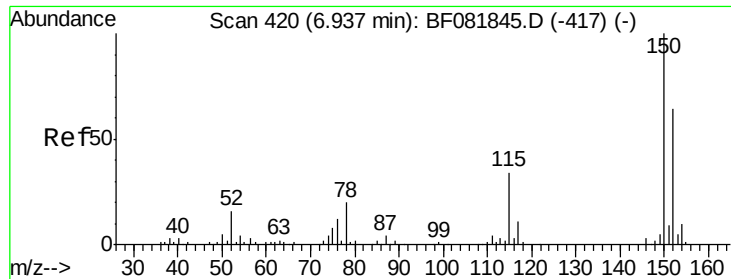
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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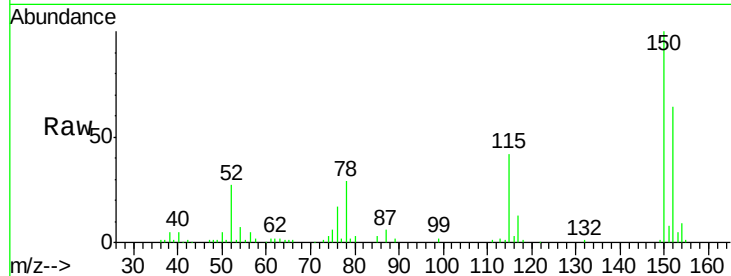


#1

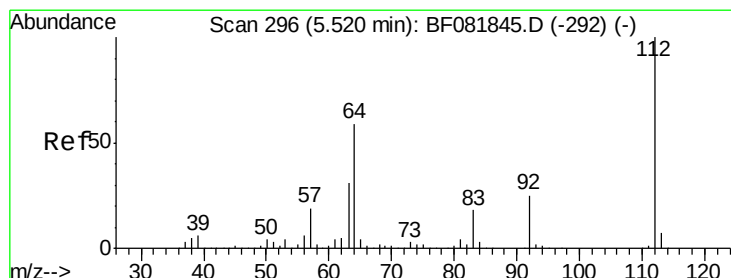
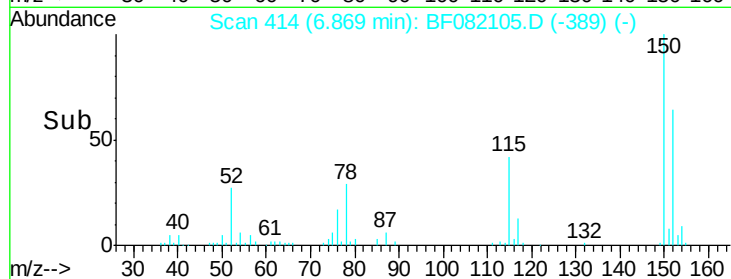
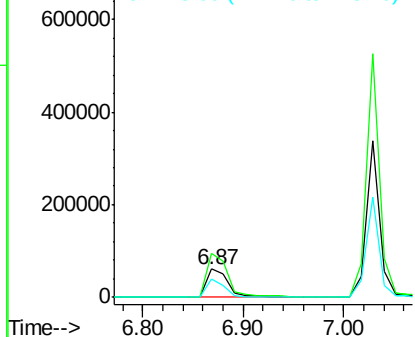
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Instrument :
BNA_F
ClientSampleId :
PB85924BL

Tgt Ion:152 Resp: 91165
Ion Ratio Lower Upper
152 100
150 157.3 124.7 187.1
115 65.4 39.0 58.4#



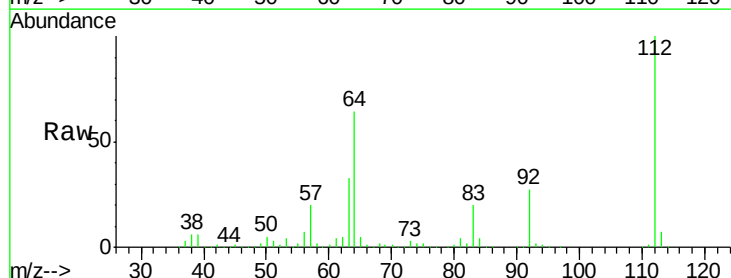
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



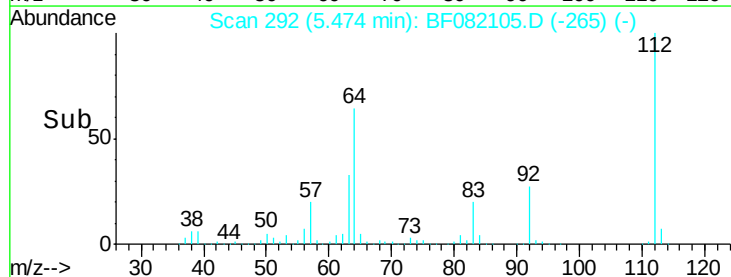
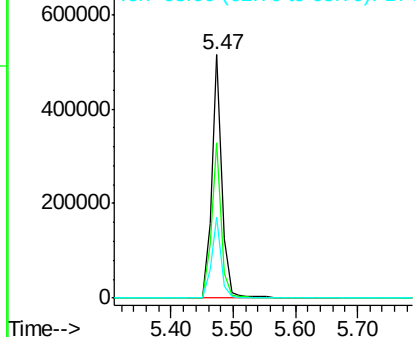
#5

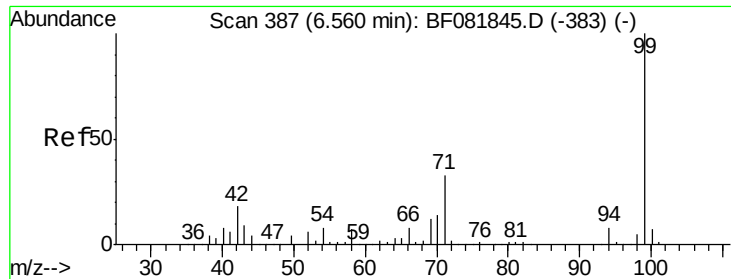
2-Fluorophenol
Concen: 115.86 ng
RT: 5.47 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Tgt Ion:112 Resp: 581870
Ion Ratio Lower Upper
112 100
64 63.6 39.7 59.5#
63 33.3 17.4 26.0#



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: 117.47 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB85924BL

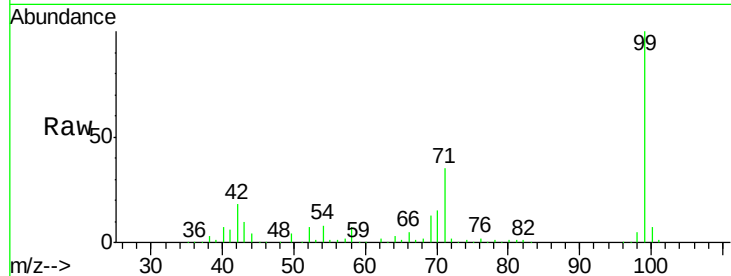
Tgt Ion: 99 Resp: 742315

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

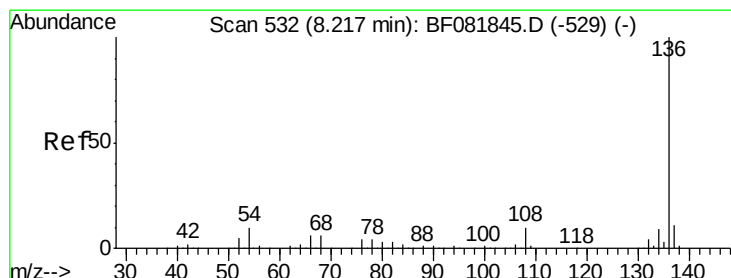
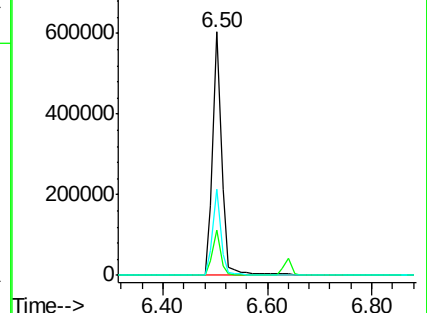
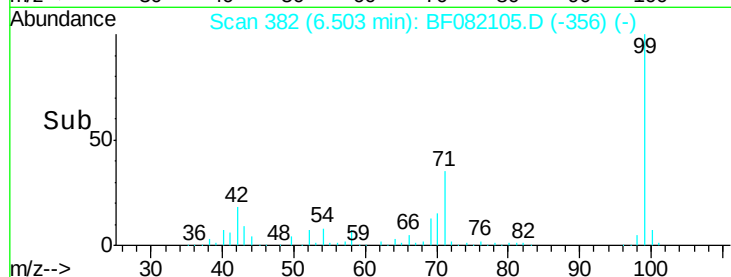
71 35.4 14.2 21.2#



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: 8.16 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Tgt Ion: 136 Resp: 372790

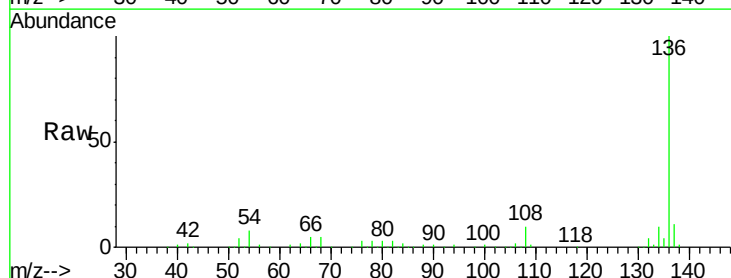
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.8 8.2 12.2#

68 5.0 5.8 8.6#

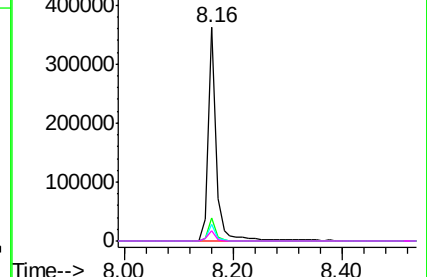
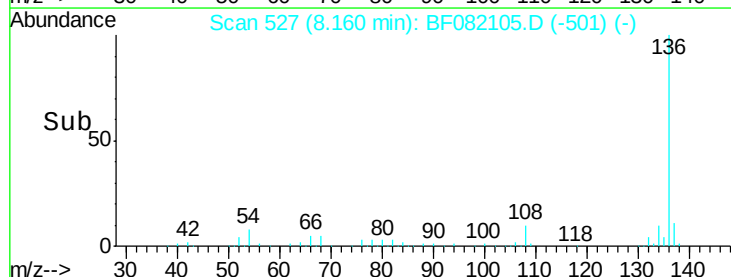


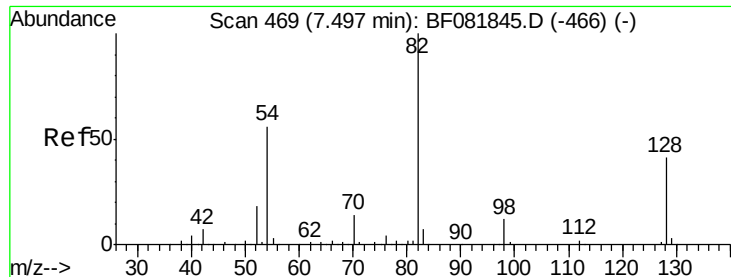
Abundance Ion 136.00 (135.70 to 136.70): E

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

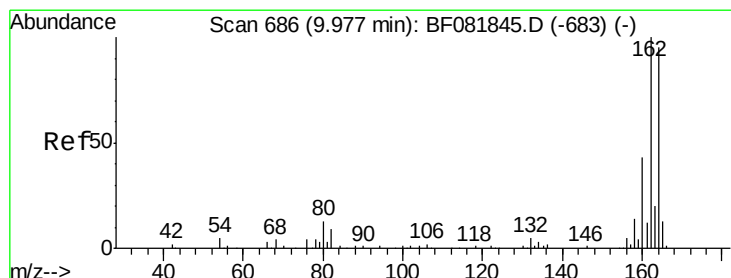
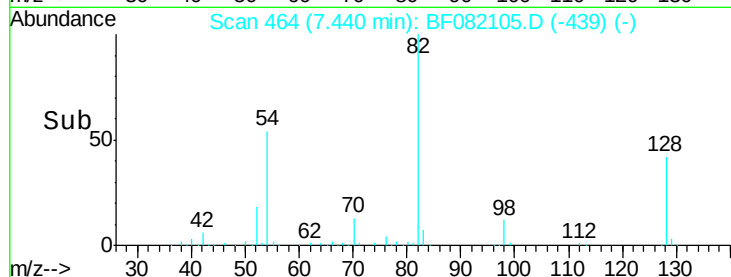
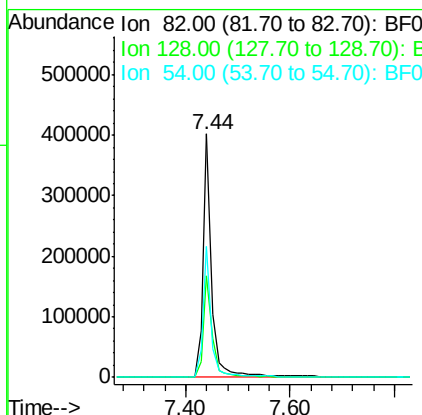
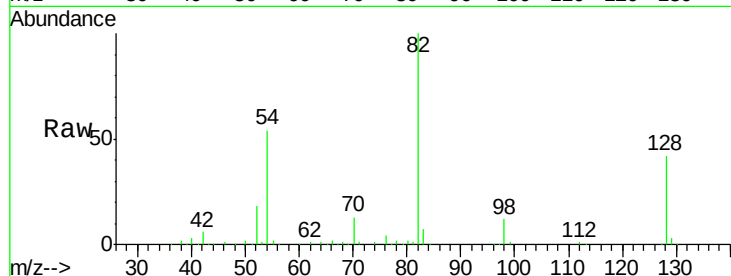




#23
 Nitrobenzene-d5
 Concen: 84.54 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

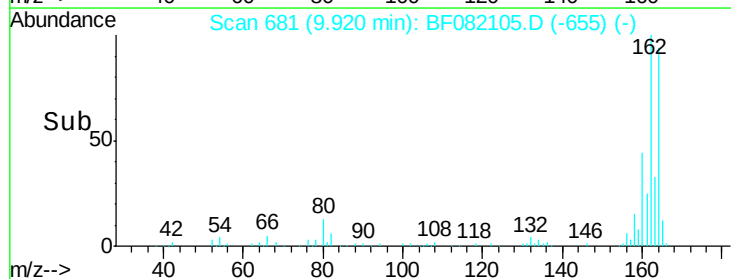
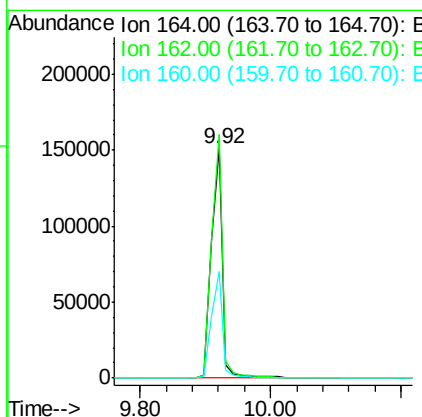
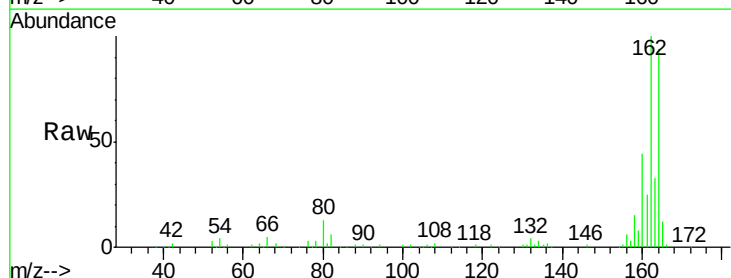
Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

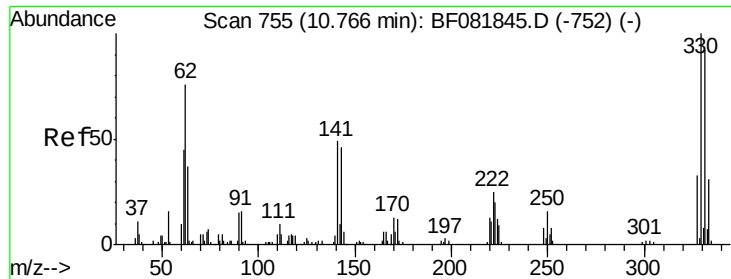
Tgt Ion: 82 Resp: 472757
 Ion Ratio Lower Upper
 82 100
 128 41.7 51.0 76.6#
 54 53.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion: 164 Resp: 181777
 Ion Ratio Lower Upper
 164 100
 162 106.3 75.2 112.8
 160 46.6 31.5 47.3

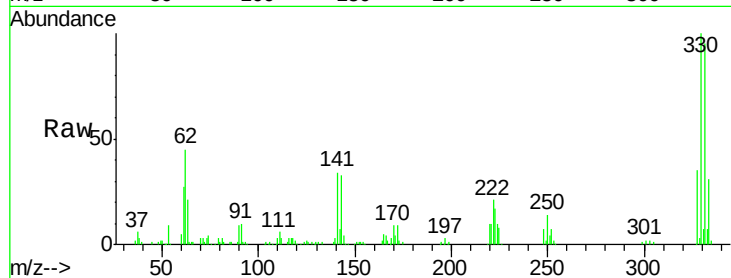




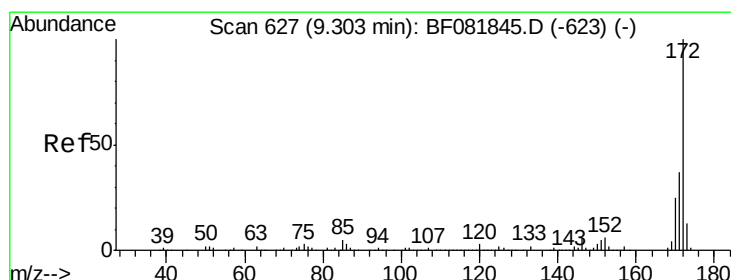
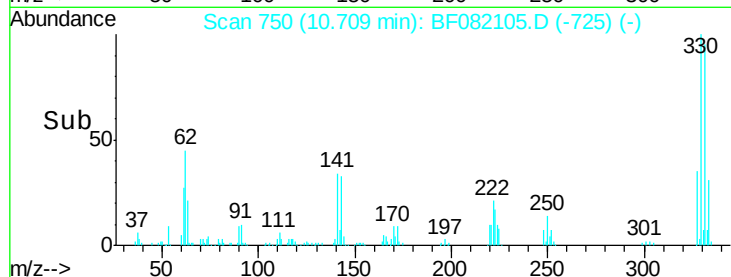
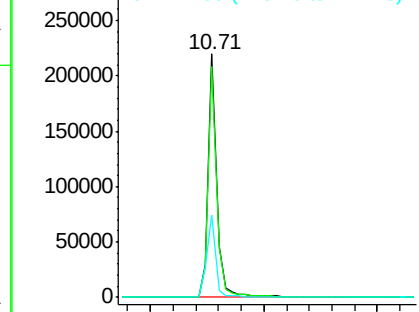
#41
 2,4,6-Tribromophenol
 Concen: 120.78 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	35.6	29.7	44.5

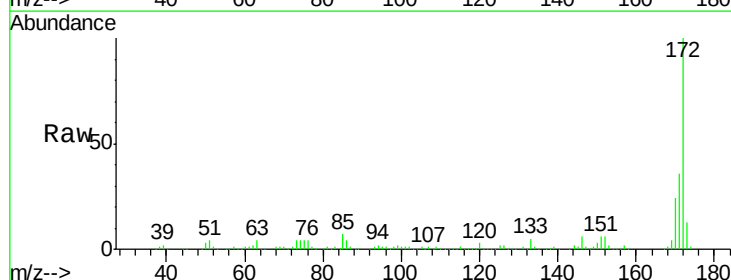


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

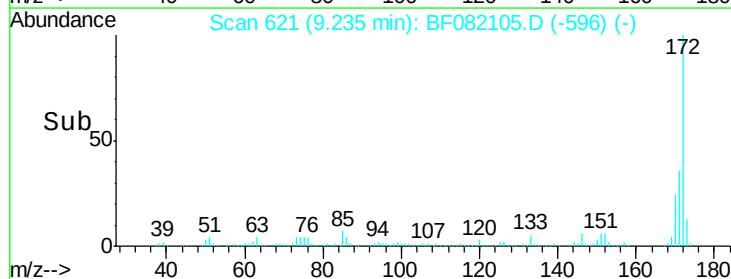
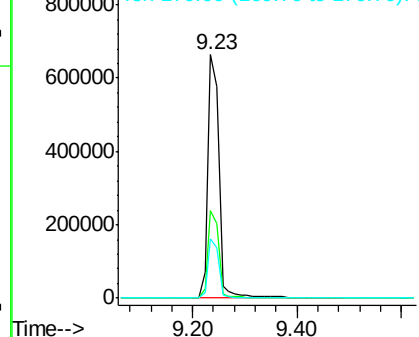


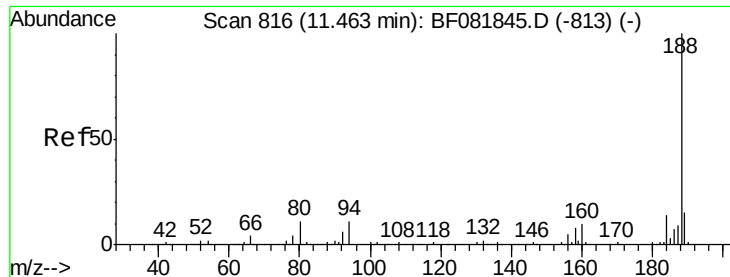
#44
 2-Fluorobiphenyl
 Concen: 92.19 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.1	17.4	26.2



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

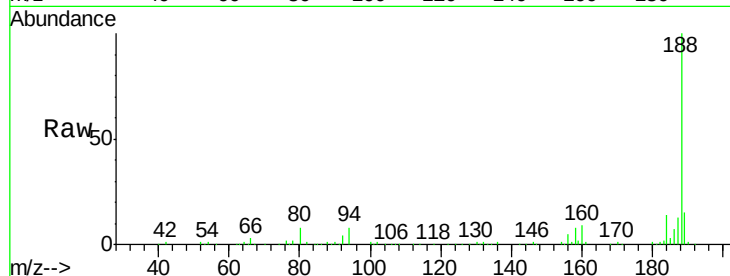




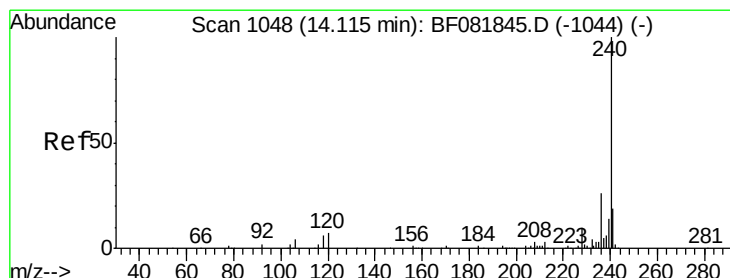
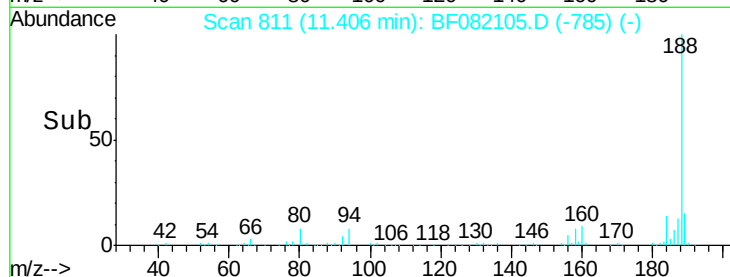
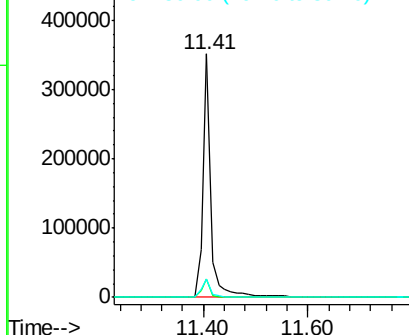
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Instrument :
BNA_F
ClientSampleId :
PB85924BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	7.5	11.0	16.4#

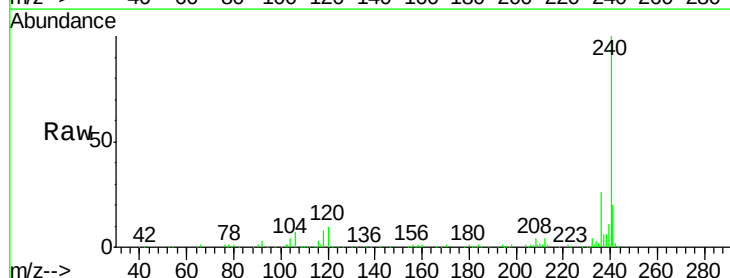


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

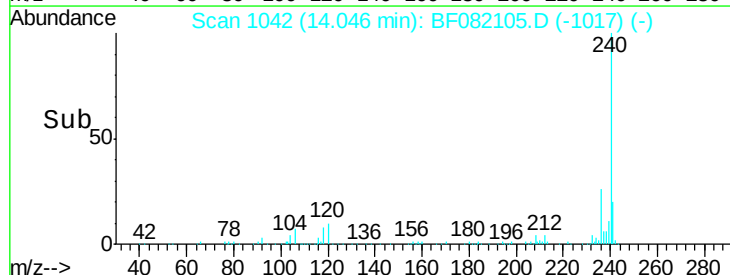
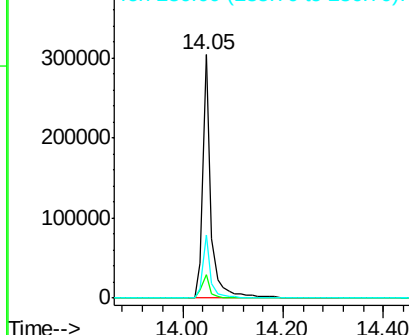


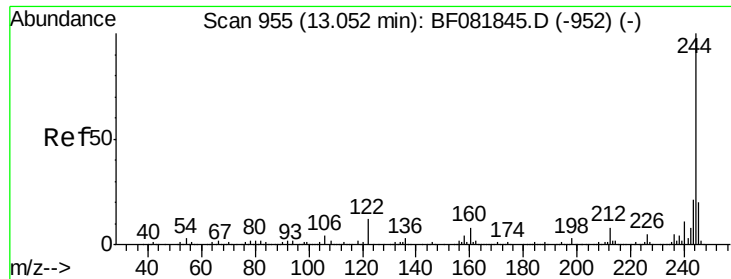
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	16.2	24.2#
236	26.0	18.4	27.6



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

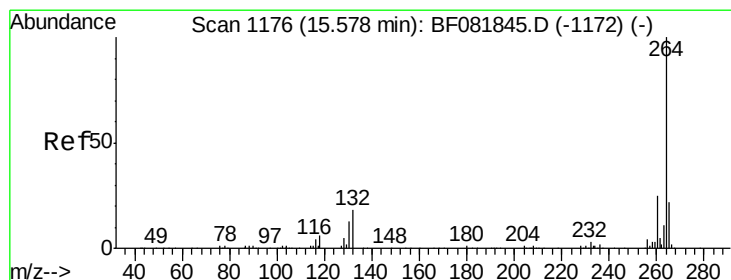
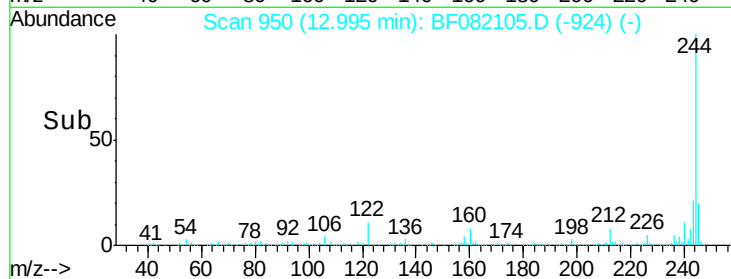
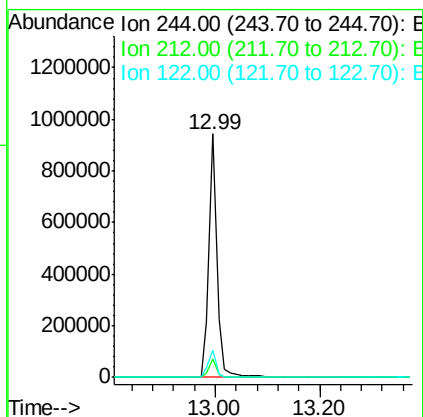
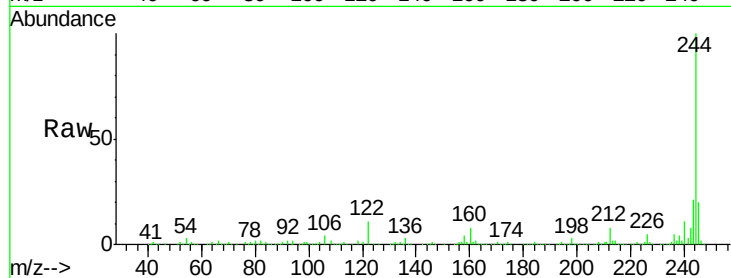




#78
 Terphenyl-d14
 Concen: 101.13 ng
 RT: 12.99 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

Tgt Ion:244 Resp: 1025253
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion:264 Resp: 270464
 Ion Ratio Lower Upper
 264 100
 260 23.2 16.7 25.1
 265 21.1 17.2 25.8

