

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081722.D
 Acq On : 21 Sep 2015 19:41
 Operator : UM/IZ
 Sample : G3717-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Quant Time: Sep 22 02:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40303	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	155322	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	72469	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	143973	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	108419	20.00	ng	-0.03
86) Perylene-d12	24.78	264	79557	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	165744	63.81	ng	-0.03
7) Phenol-d6	7.59	99	139477	40.56	ng	-0.06
23) Nitrobenzene-d5	9.46	82	370323	115.03	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	108579	168.27	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	622312	110.04	ng	-0.07
78) Terphenyl-d14	22.07	244	523103	112.31	ng	-0.04

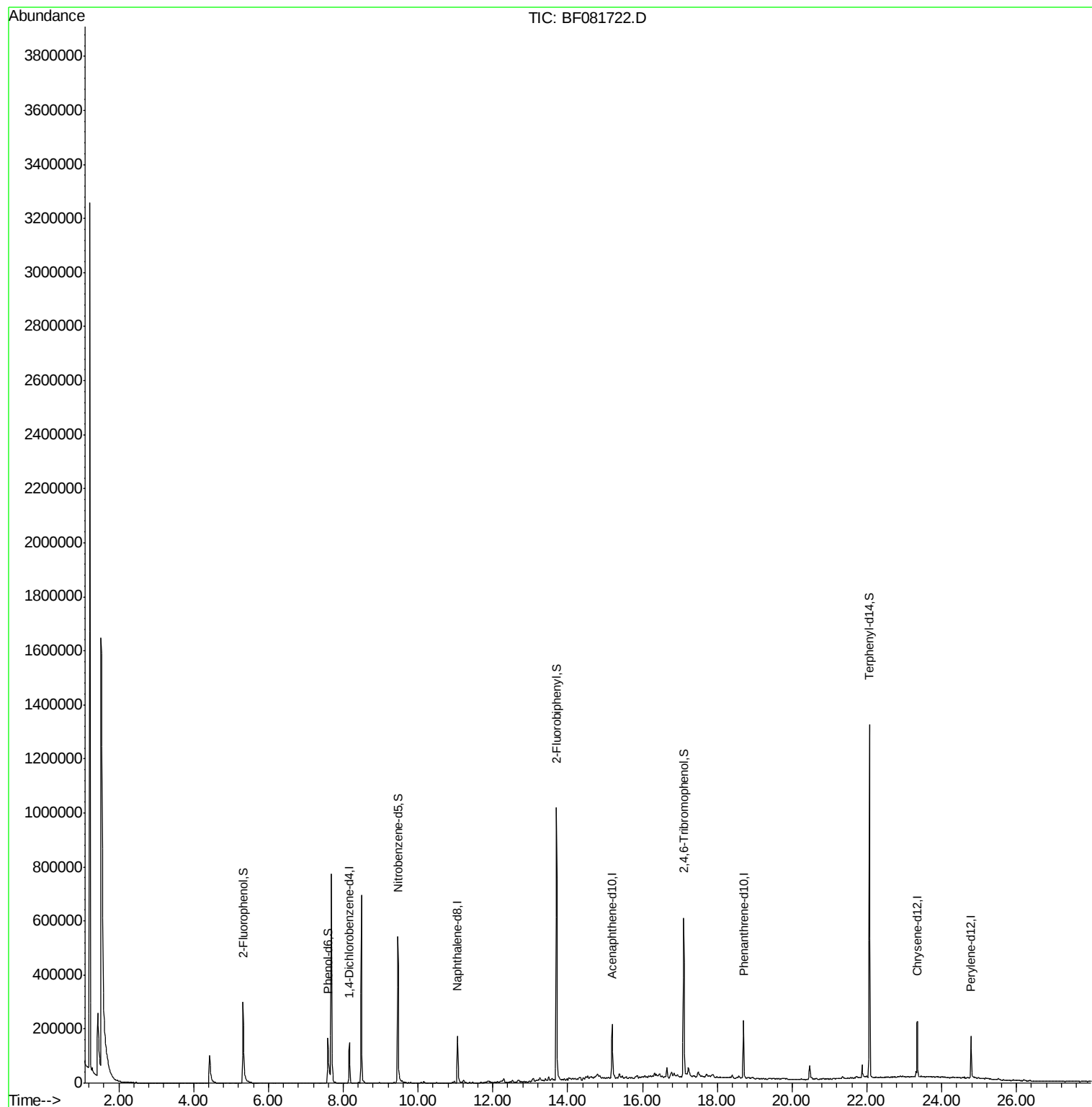
Target Compounds Qvalue

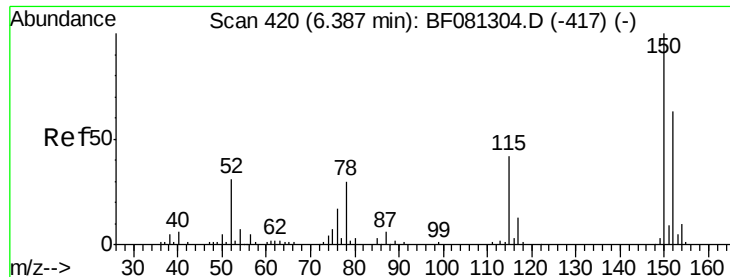
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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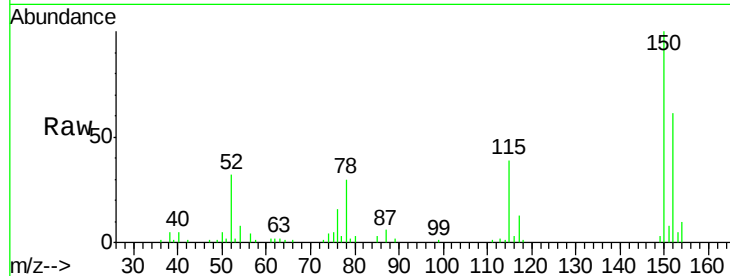


#1

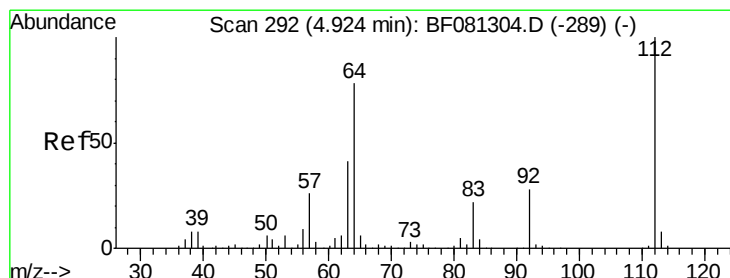
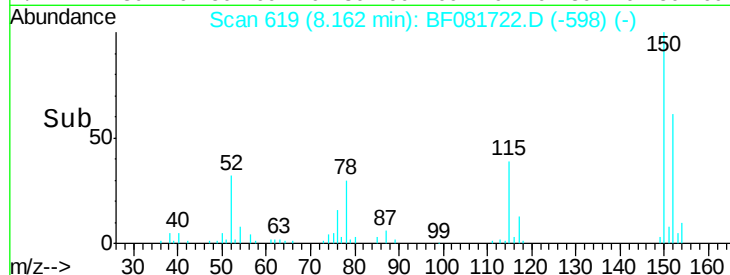
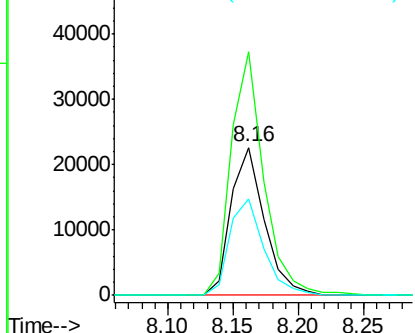
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15

Tot Ion:152 Resp: 40303
Ion Ratio Lower Upper
152 100
150 165.0 124.7 187.1
115 64.9 39.0 58.4#



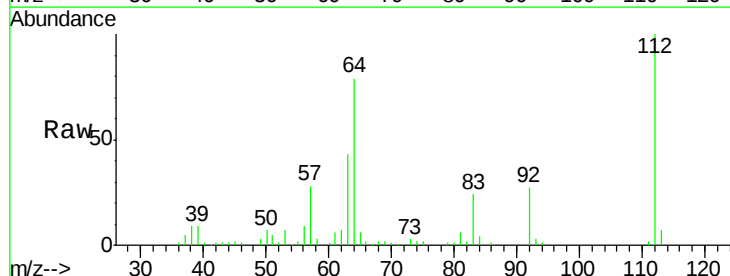
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



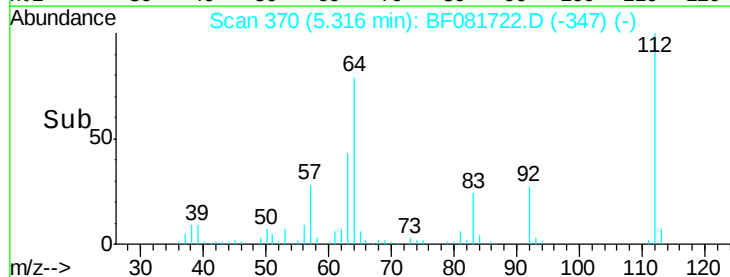
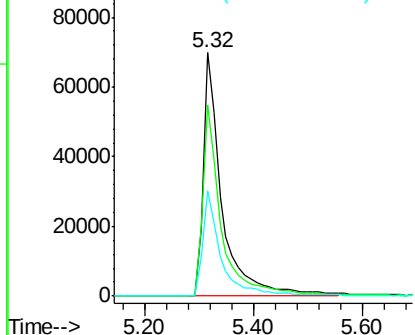
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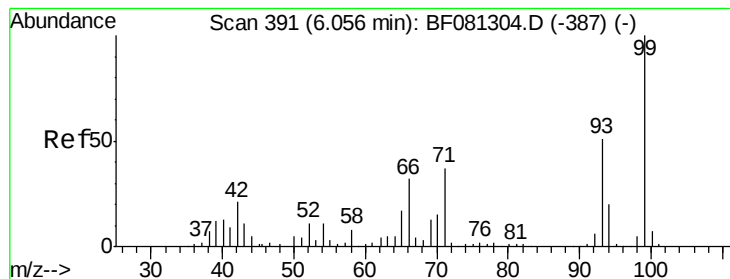
2-Fluorophenol
Concen: 63.81 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

Tgt Ion:112 Resp: 165744
Ion Ratio Lower Upper
112 100
64 78.7 39.7 59.5#
63 43.4 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: 40.56 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081722.D

Acq: 21 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

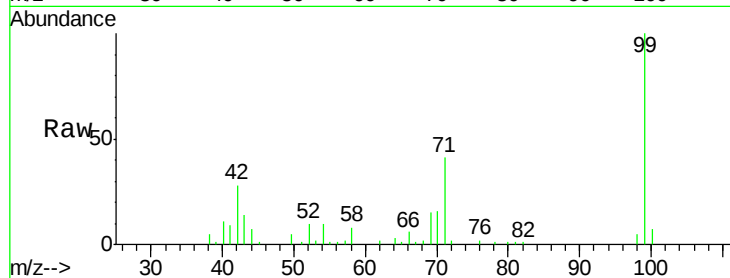
Tot Ion: 99 Resp: 139477

Ion Ratio Lower Upper

99 100

42 27.5 13.7 20.5#

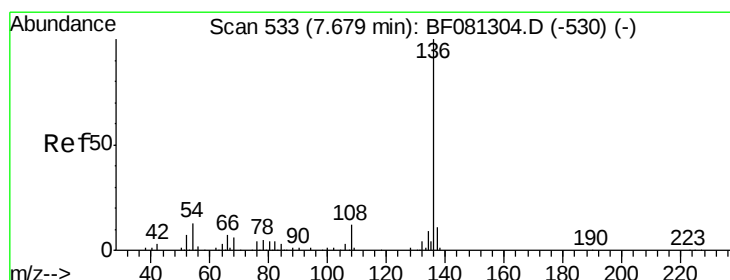
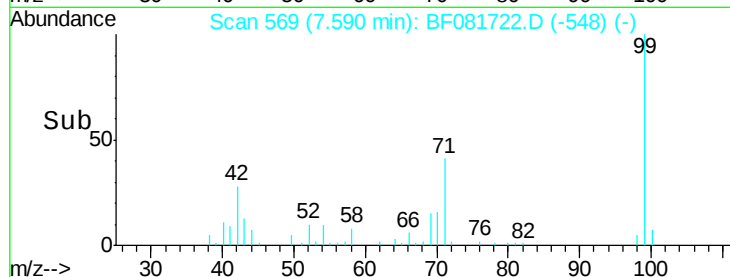
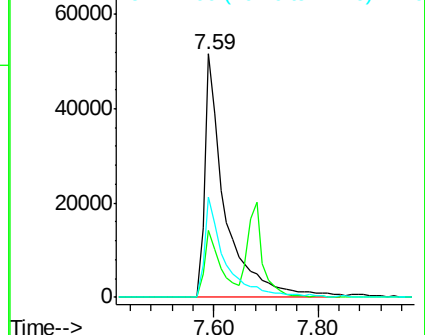
71 41.1 14.2 21.2#



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: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081722.D

Acq: 21 Sep 2015 19:41

Tgt Ion: 136 Resp: 155322

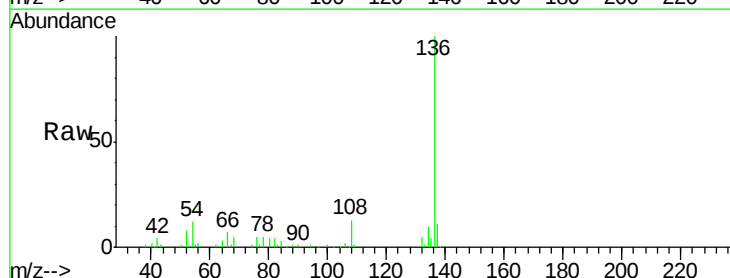
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 12.3 8.2 12.2#

68 5.2 5.8 8.6#

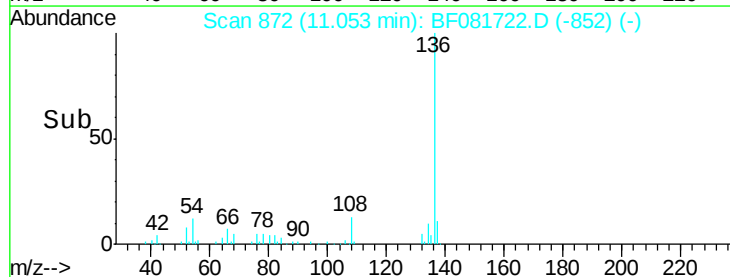
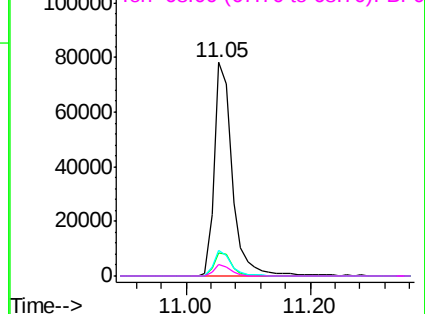


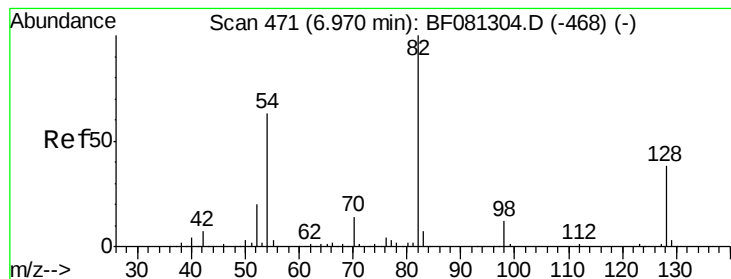
Abundance Ion 136.00 (135.70 to 136.70): E

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: 115.03 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081722.D

Acq: 21 Sep 2015 19:41

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

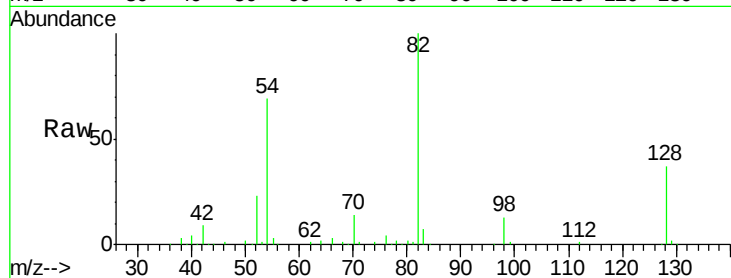
Tot Ion: 82 Resp: 370323

Ion Ratio Lower Upper

82 100

128 37.2 51.0 76.6#

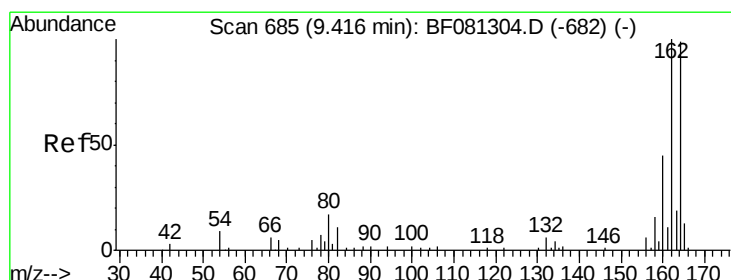
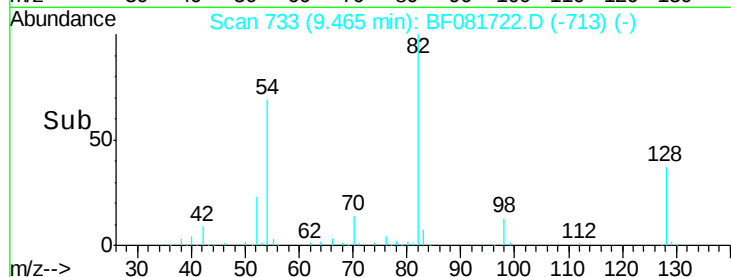
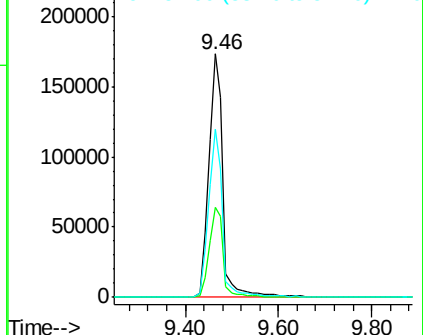
54 69.1 47.5 71.3



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: 15.19 min Scan# 1234

Delta R.T. -0.07 min

Lab File: BF081722.D

Acq: 21 Sep 2015 19:41

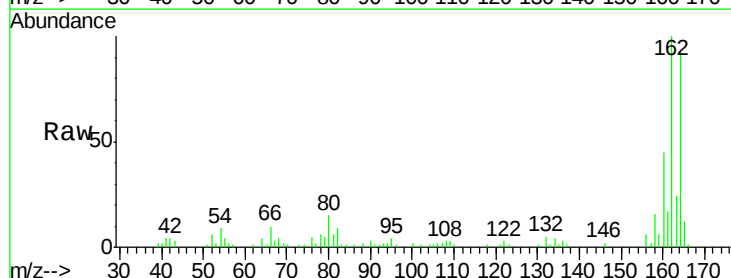
Tgt Ion:164 Resp: 72469

Ion Ratio Lower Upper

164 100

162 107.4 75.2 112.8

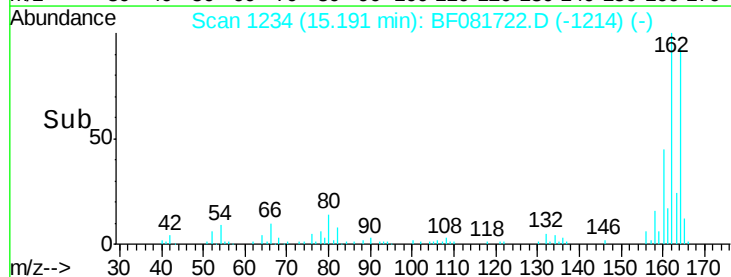
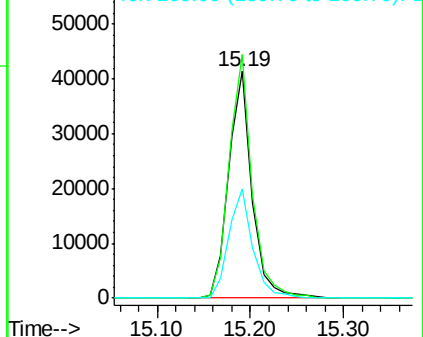
160 48.1 31.5 47.3#

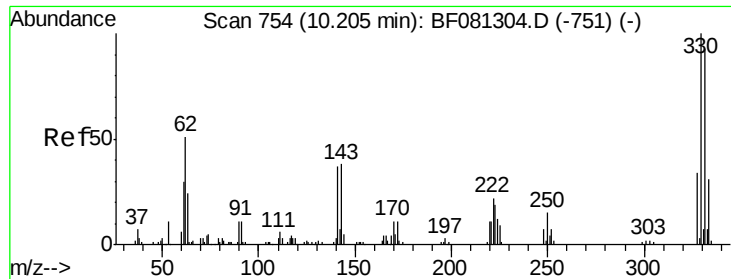


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

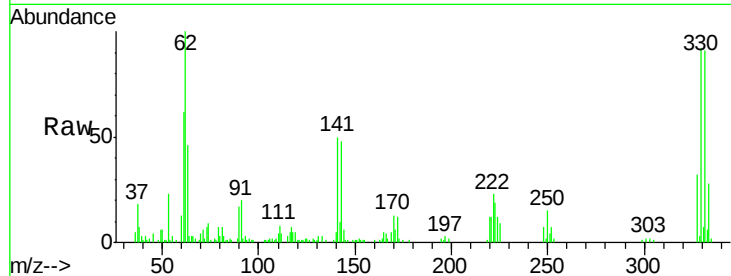




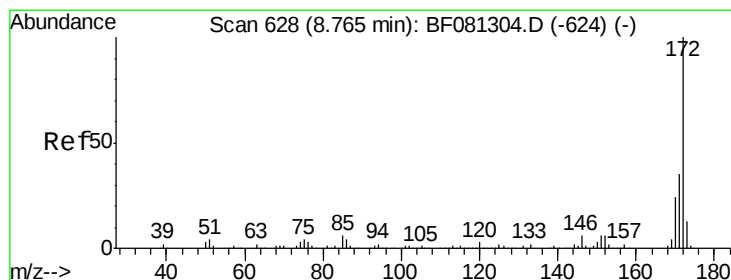
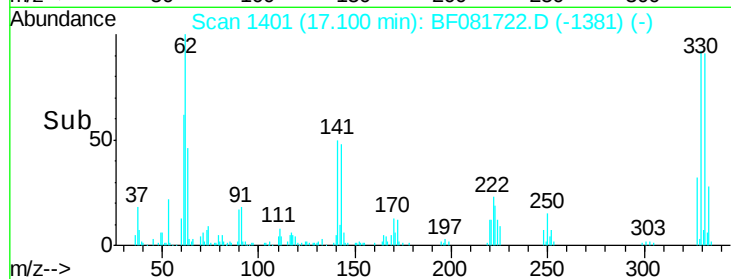
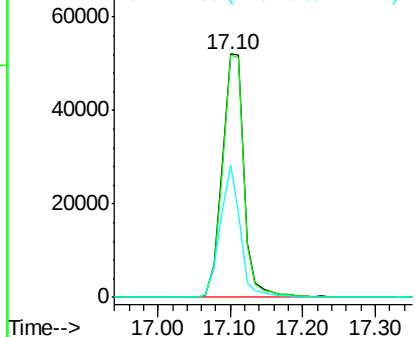
#41
 2,4,6-Tribromophenol
 Concen: 168.27 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081722.D
 Acq: 21 Sep 2015 19:41

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Tot Ion:330 Resp: 108579
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 49.8 29.7 44.5#

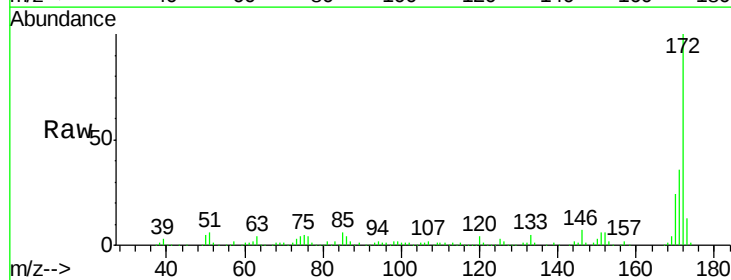


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

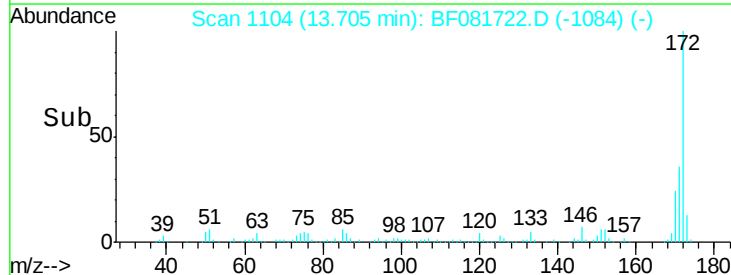
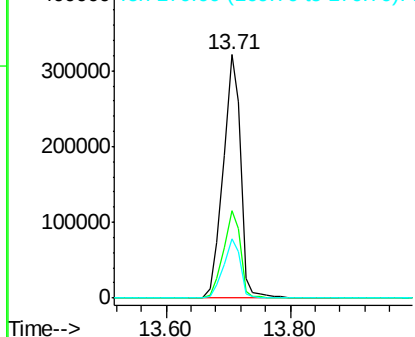


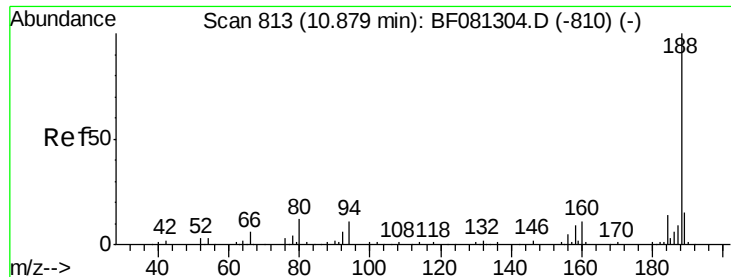
#44
 2-Fluorobiphenyl
 Concen: 110.04 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081722.D
 Acq: 21 Sep 2015 19:41

Tgt Ion:172 Resp: 622312
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.4 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

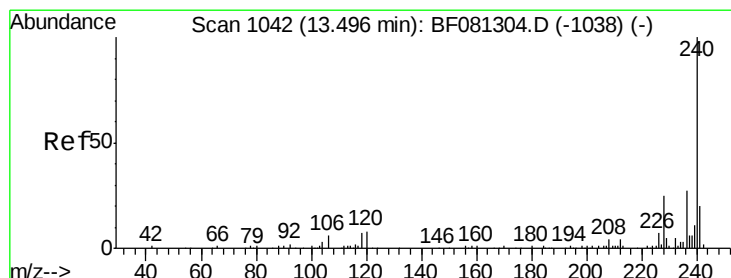
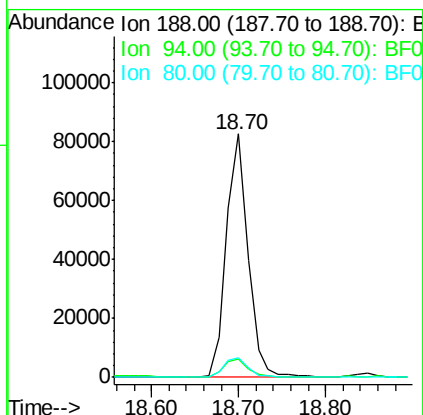
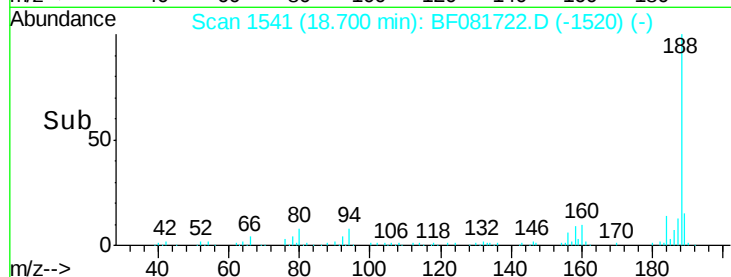
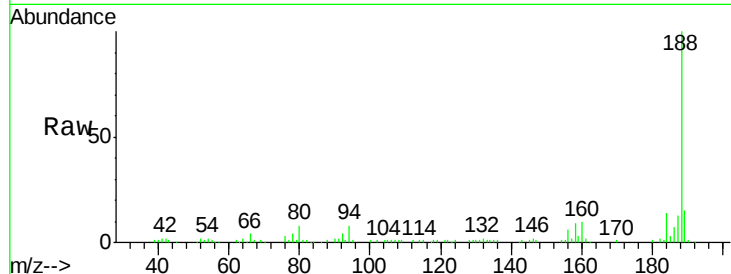




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

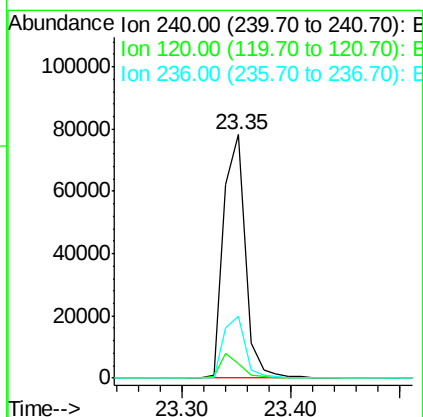
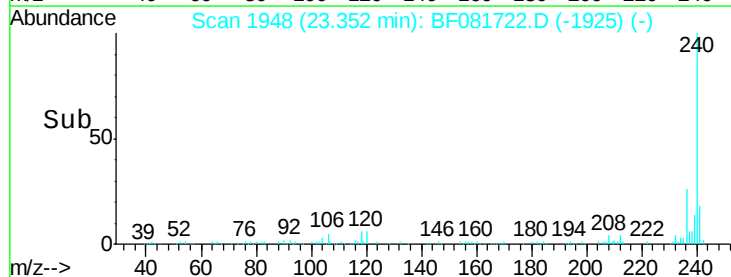
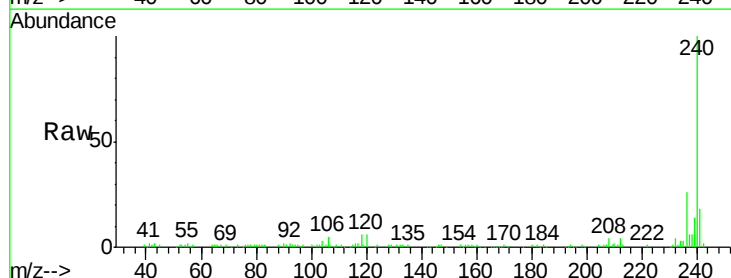
Instrument :
BNA_F
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PZ-1-9-17-15

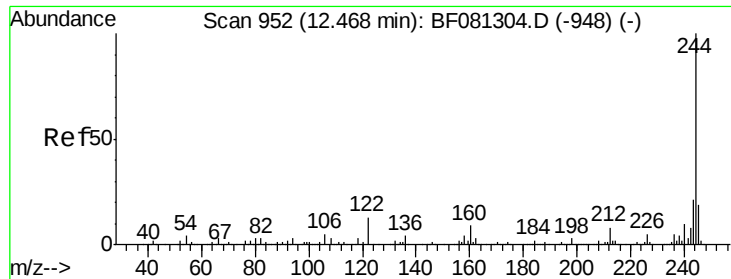
Tot Ion:188 Resp: 143973
Ion Ratio Lower Upper
188 100
94 7.7 11.1 16.7#
80 8.2 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

Tgt Ion:240 Resp: 108419
Ion Ratio Lower Upper
240 100
120 5.8 16.2 24.2#
236 25.7 18.4 27.6

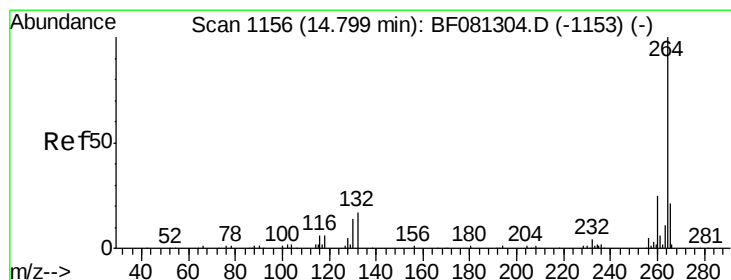
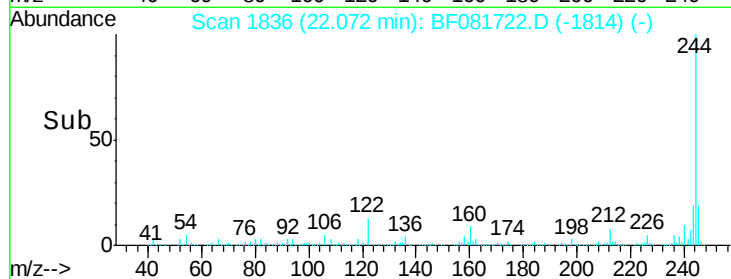
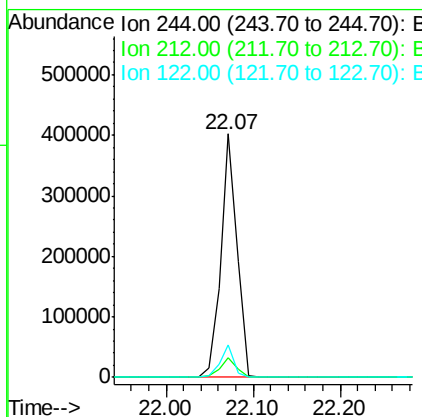
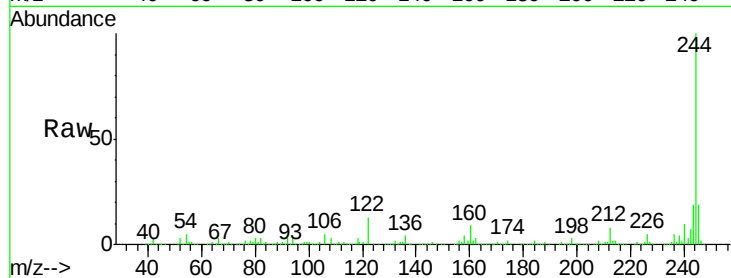




#78
Terphenyl-d14
Concen: 112.31 ng
RT: 22.07 min Scan# 1836
Delta R.T. -0.04 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15

Tot Ion:244	Resp:	523103
Ion Ratio	Lower	Upper
244	100	
212	7.8	4.3 6.5#
122	13.1	17.4 26.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.78 min Scan# 2073
Delta R.T. -0.03 min
Lab File: BF081722.D
Acq: 21 Sep 2015 19:41

Tgt Ion:264	Resp:	79557
Ion Ratio	Lower	Upper
264	100	
260	24.3	16.7 25.1
265	19.9	17.2 25.8

