

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081721.D
 Acq On : 21 Sep 2015 19:05
 Operator : UM/IZ
 Sample : G3717-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Quant Time: Sep 22 02:18:43 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	40382	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	158045	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	74838	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	151098	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	127034	20.00	ng	-0.03
86) Perylene-d12	24.78	264	88847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	151150	58.07	ng	-0.03
7) Phenol-d6	7.59	99	125415	36.40	ng	-0.06
23) Nitrobenzene-d5	9.46	82	361021	110.21	ng	-0.07
41) 2,4,6-Tribromophenol	17.11	330	112203	168.38	ng	-0.06
44) 2-Fluorobiphenyl	13.71	172	624045	106.86	ng	-0.07
78) Terphenyl-d14	22.07	244	588981	107.93	ng	-0.04

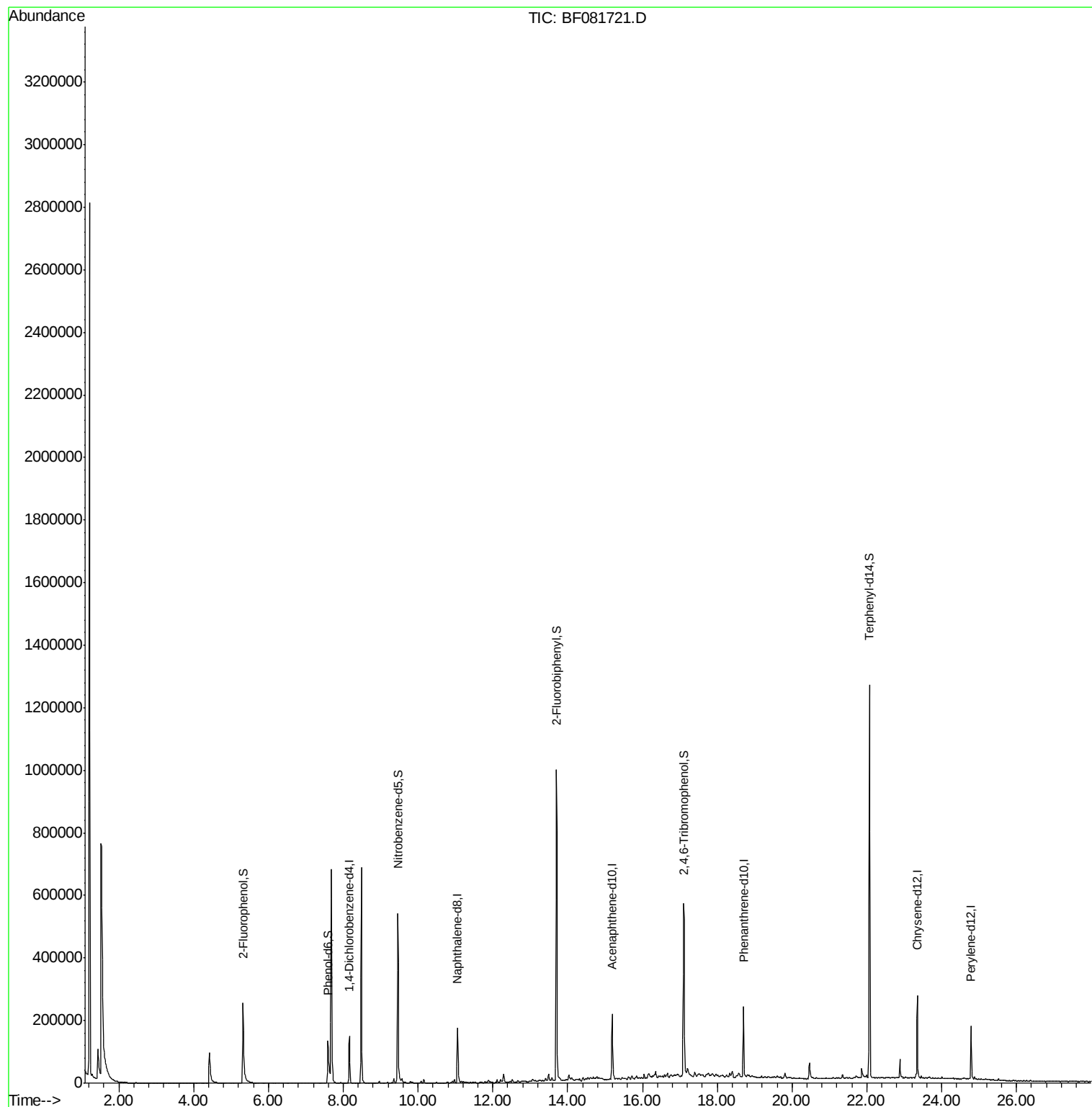
Target Compounds Qvalue

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

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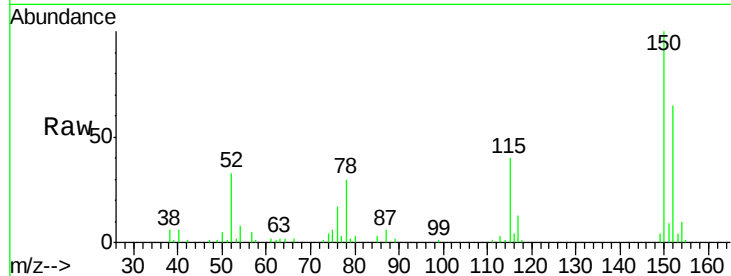


#1

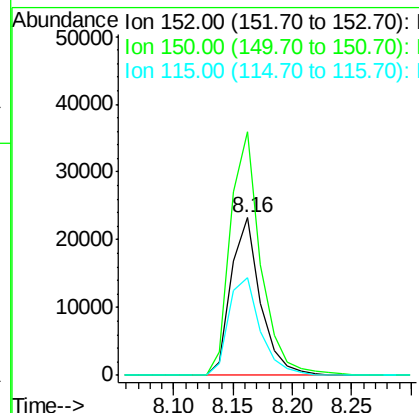
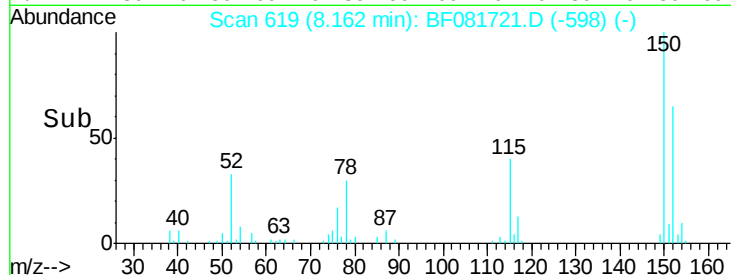
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tot Ion:152 Resp: 40382
Ion Ratio Lower Upper
152 100
150 154.3 124.7 187.1
115 61.6 39.0 58.4#



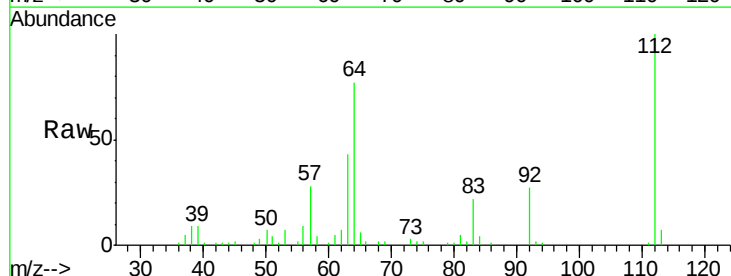
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



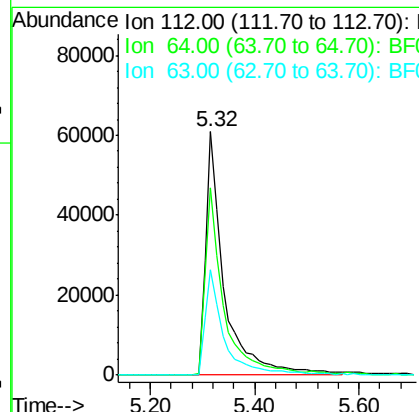
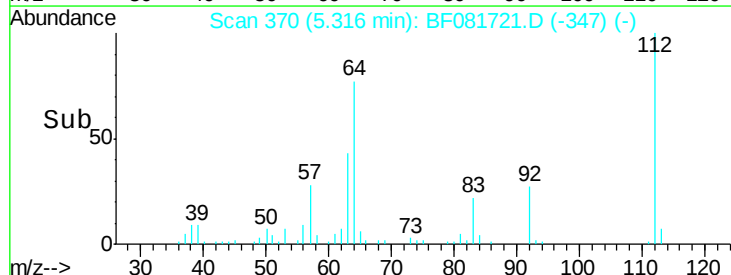
#5

2-Fluorophenol
Concen: 58.07 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion:112 Resp: 151150
Ion Ratio Lower Upper
112 100
64 76.9 39.7 59.5#
63 43.0 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: 36.40 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081721.D

Acq: 21 Sep 2015 19:05

Instrument :

BNA_F

ClientSampled :

PZ-8-9-16-15

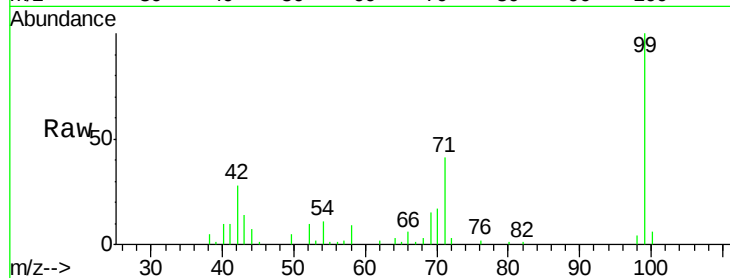
Tot Ion: 99 Resp: 125415

Ion Ratio Lower Upper

99 100

42 28.1 13.7 20.5#

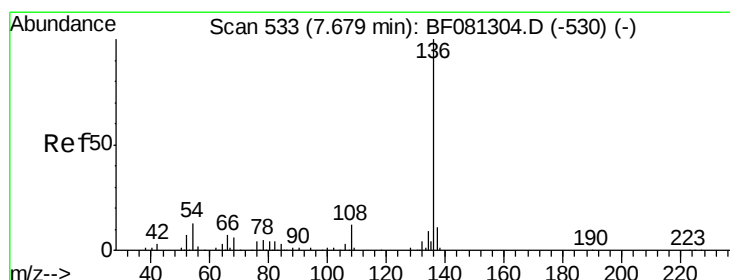
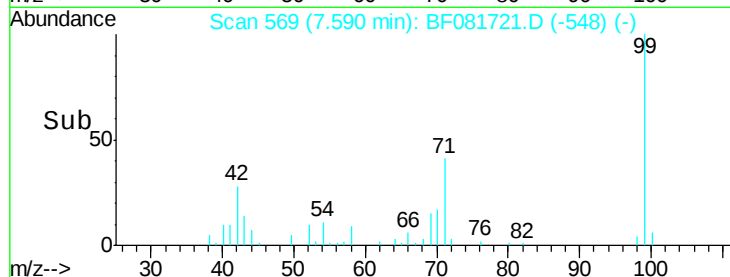
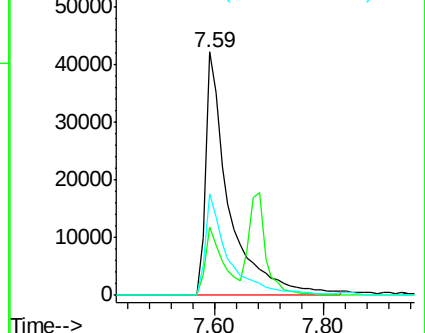
71 41.5 14.2 21.2#



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: BF081721.D

Acq: 21 Sep 2015 19:05

Tgt Ion: 136 Resp: 158045

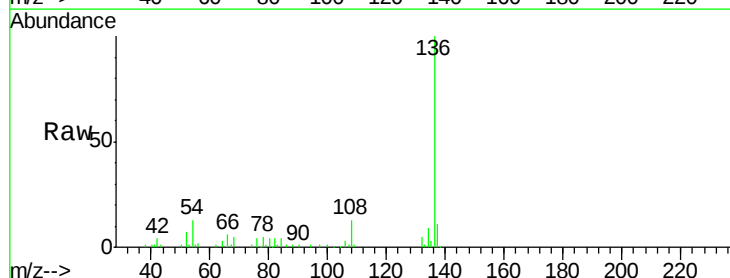
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 13.1 8.2 12.2#

68 5.2 5.8 8.6#

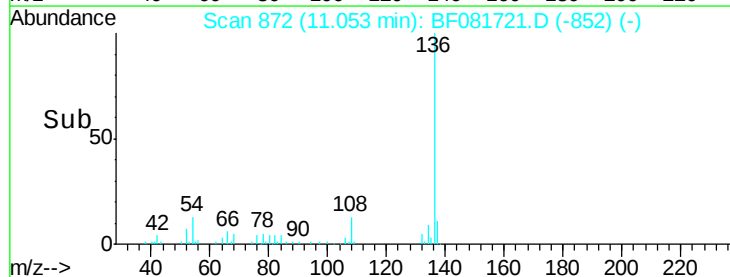
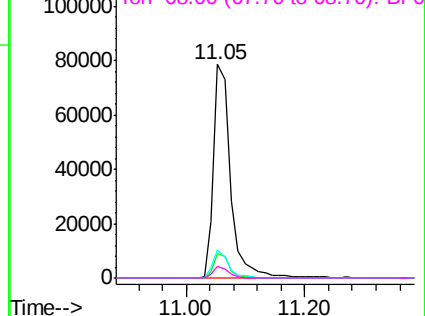


Abundance Ion 136.00 (135.70 to 136.70): E

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

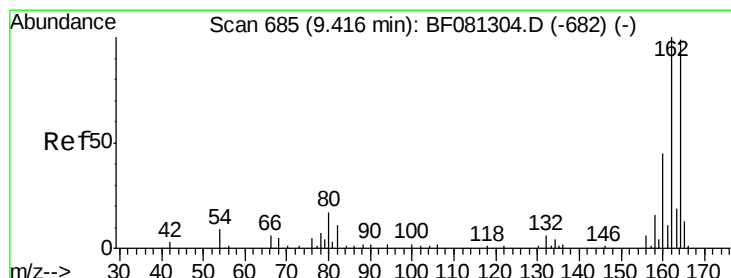
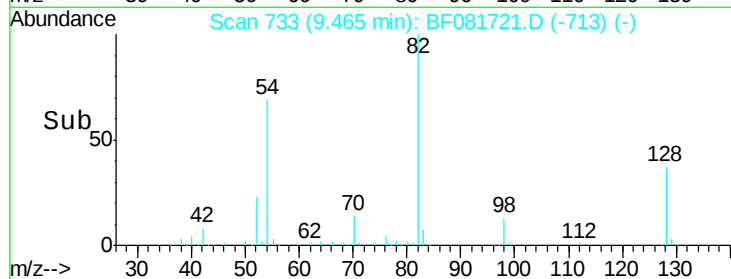
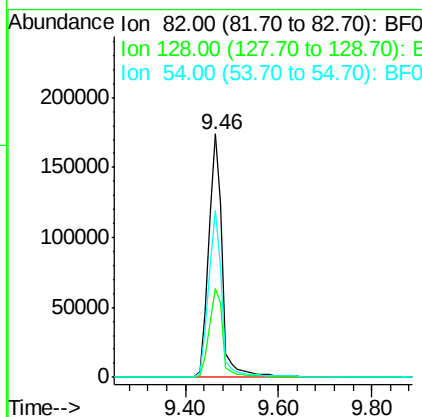
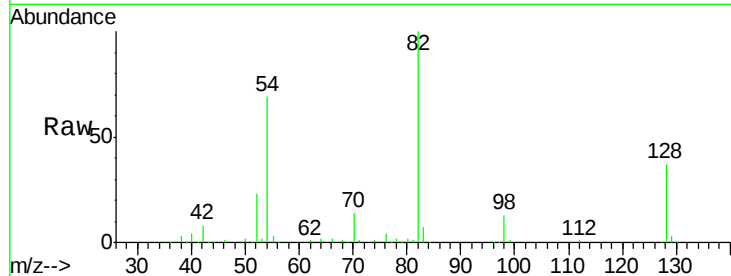




#23
 Nitrobenzene-d5
 Concen: 110.21 ng
 RT: 9.46 min Scan# 733
 Delta R.T. -0.07 min
 Lab File: BF081721.D
 Acq: 21 Sep 2015 19:05

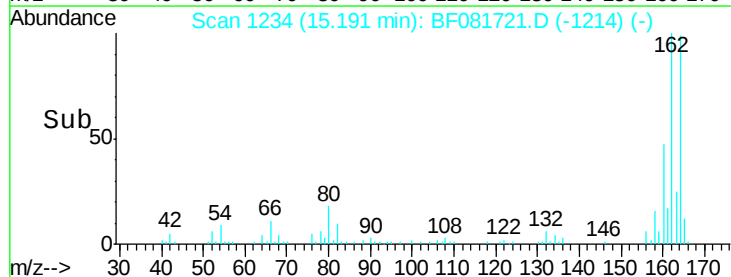
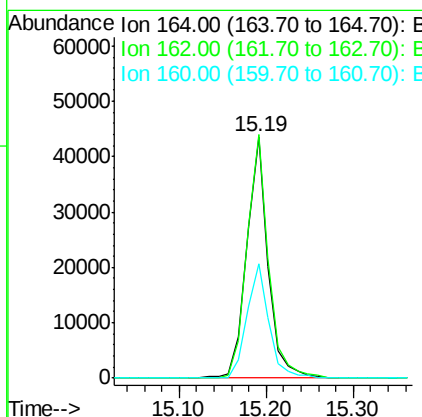
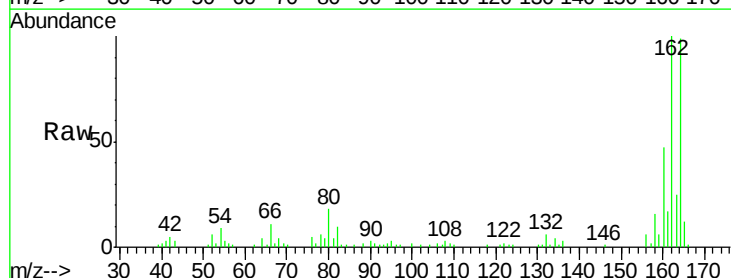
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Tot Ion: 82 Resp: 361021
 Ion Ratio Lower Upper
 82 100
 128 36.7 51.0 76.6#
 54 68.6 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1234
 Delta R.T. -0.07 min
 Lab File: BF081721.D
 Acq: 21 Sep 2015 19:05

Tgt Ion:164 Resp: 74838
 Ion Ratio Lower Upper
 164 100
 162 101.0 75.2 112.8
 160 47.4 31.5 47.3#

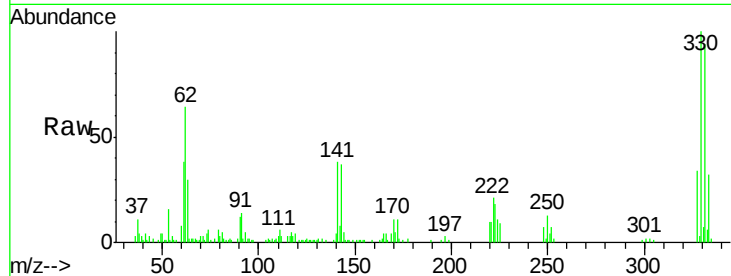




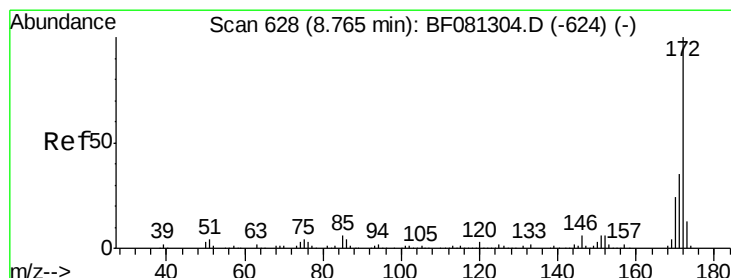
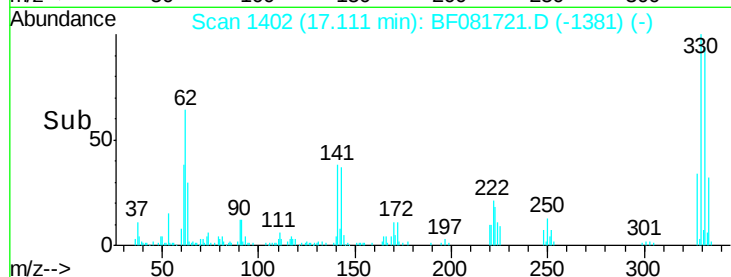
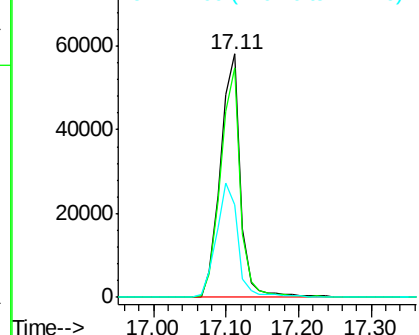
#41
 2,4,6-Tribromophenol
 Concen: 168.38 ng
 RT: 17.11 min Scan# 1402
 Delta R.T. -0.06 min
 Lab File: BF081721.D
 Acq: 21 Sep 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	76.6	114.8
141	50.3	29.7	44.5

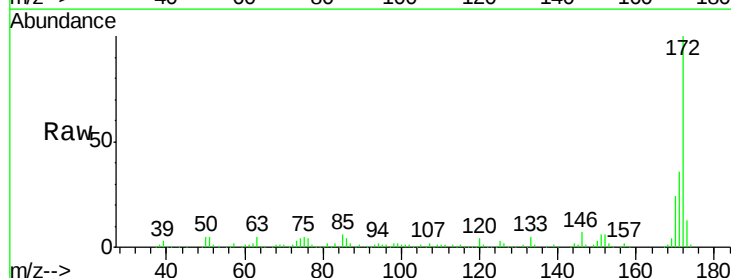


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

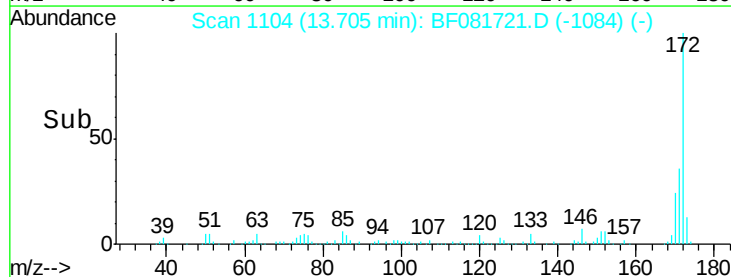
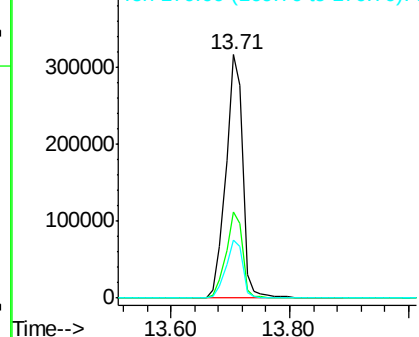


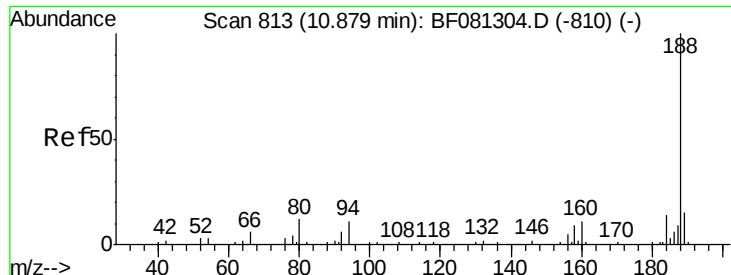
#44
 2-Fluorobiphenyl
 Concen: 106.86 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081721.D
 Acq: 21 Sep 2015 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	23.8	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

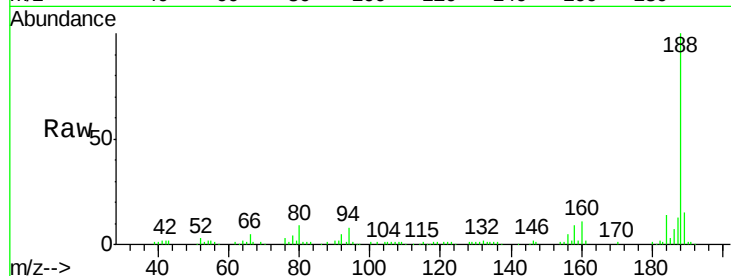




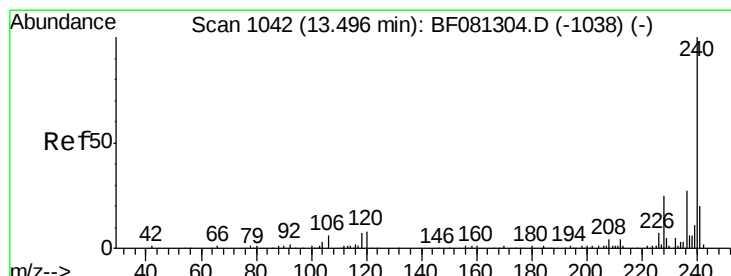
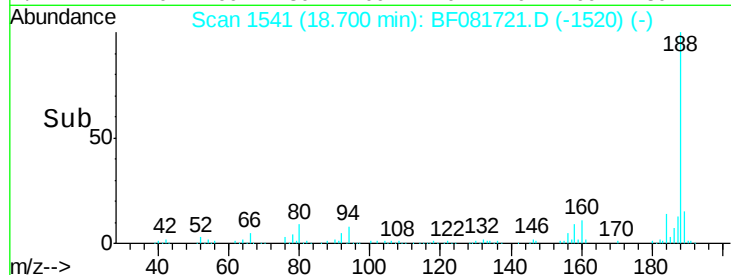
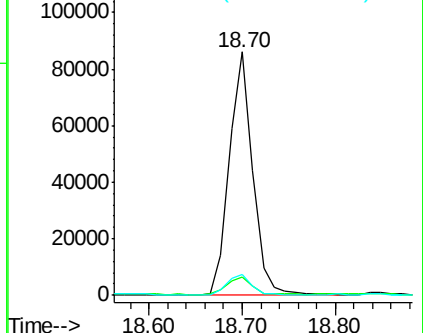
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	8.6	11.0	16.4#

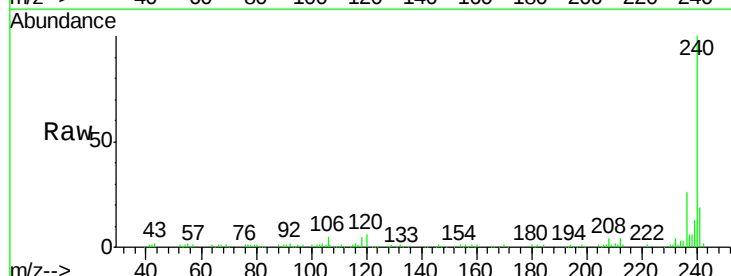


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

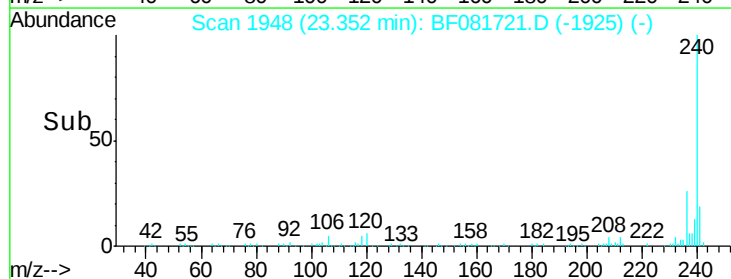
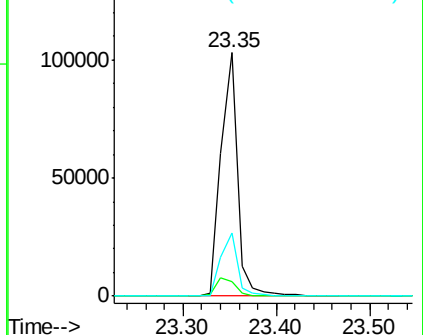


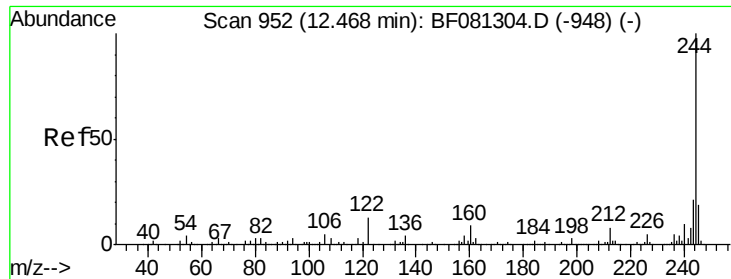
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081721.D
Acq: 21 Sep 2015 19:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	26.2	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: 107.93 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081721.D

Acq: 21 Sep 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

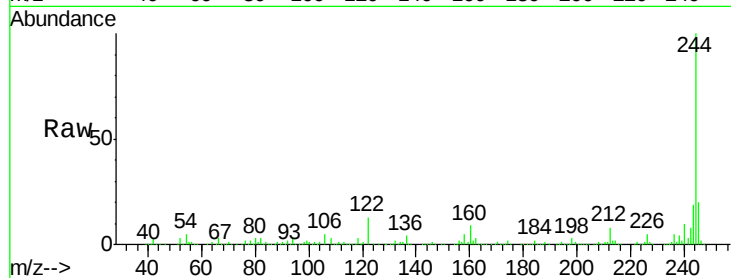
Tot Ion:244 Resp: 588981

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

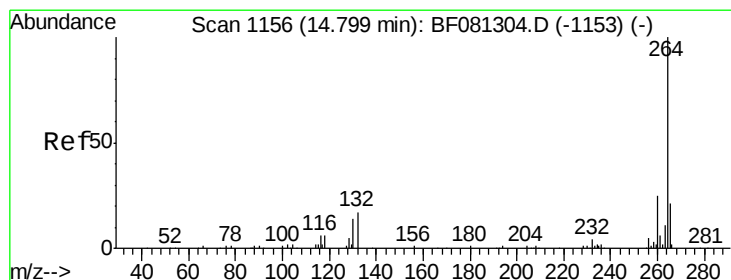
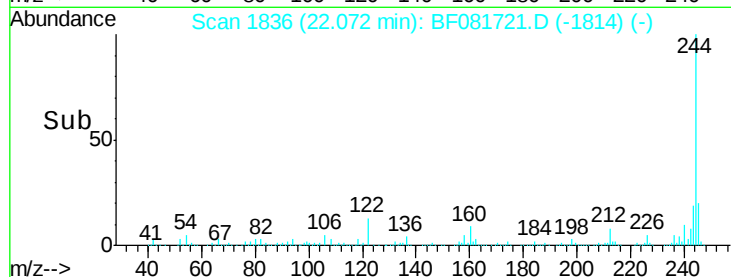
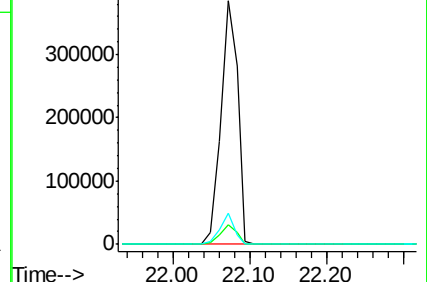
122 12.9 17.4 26.2#



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: 24.78 min Scan# 2073

Delta R.T. -0.03 min

Lab File: BF081721.D

Acq: 21 Sep 2015 19:05

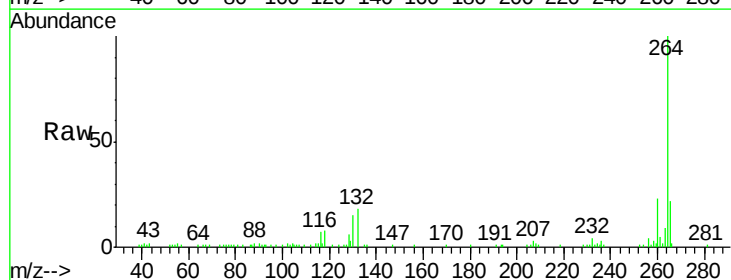
Tgt Ion:264 Resp: 88847

Ion Ratio Lower Upper

264 100

260 23.4 16.7 25.1

265 21.7 17.2 25.8



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

