

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
 Data File : BF081712.D
 Acq On : 21 Sep 2015 13:33
 Operator : UM/IZ
 Sample : G3726-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-1

Quant Time: Sep 22 01:23:34 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	38966	20.00	ng	-0.06
21) Naphthalene-d8	11.05	136	150950	20.00	ng	-0.07
38) Acenaphthene-d10	15.19	164	71233	20.00	ng	-0.07
63) Phenanthrene-d10	18.70	188	151888	20.00	ng	-0.06
75) Chrysene-d12	23.35	240	124846	20.00	ng	-0.03
86) Perylene-d12	24.79	264	87606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	173344	69.02	ng	-0.03
7) Phenol-d6	7.59	99	148356	44.63	ng	-0.06
23) Nitrobenzene-d5	9.46	82	354271	113.23	ng	-0.07
41) 2,4,6-Tribromophenol	17.10	330	101664	160.29	ng	-0.07
44) 2-Fluorobiphenyl	13.71	172	618001	111.18	ng	-0.07
78) Terphenyl-d14	22.07	244	564594	105.27	ng	-0.04

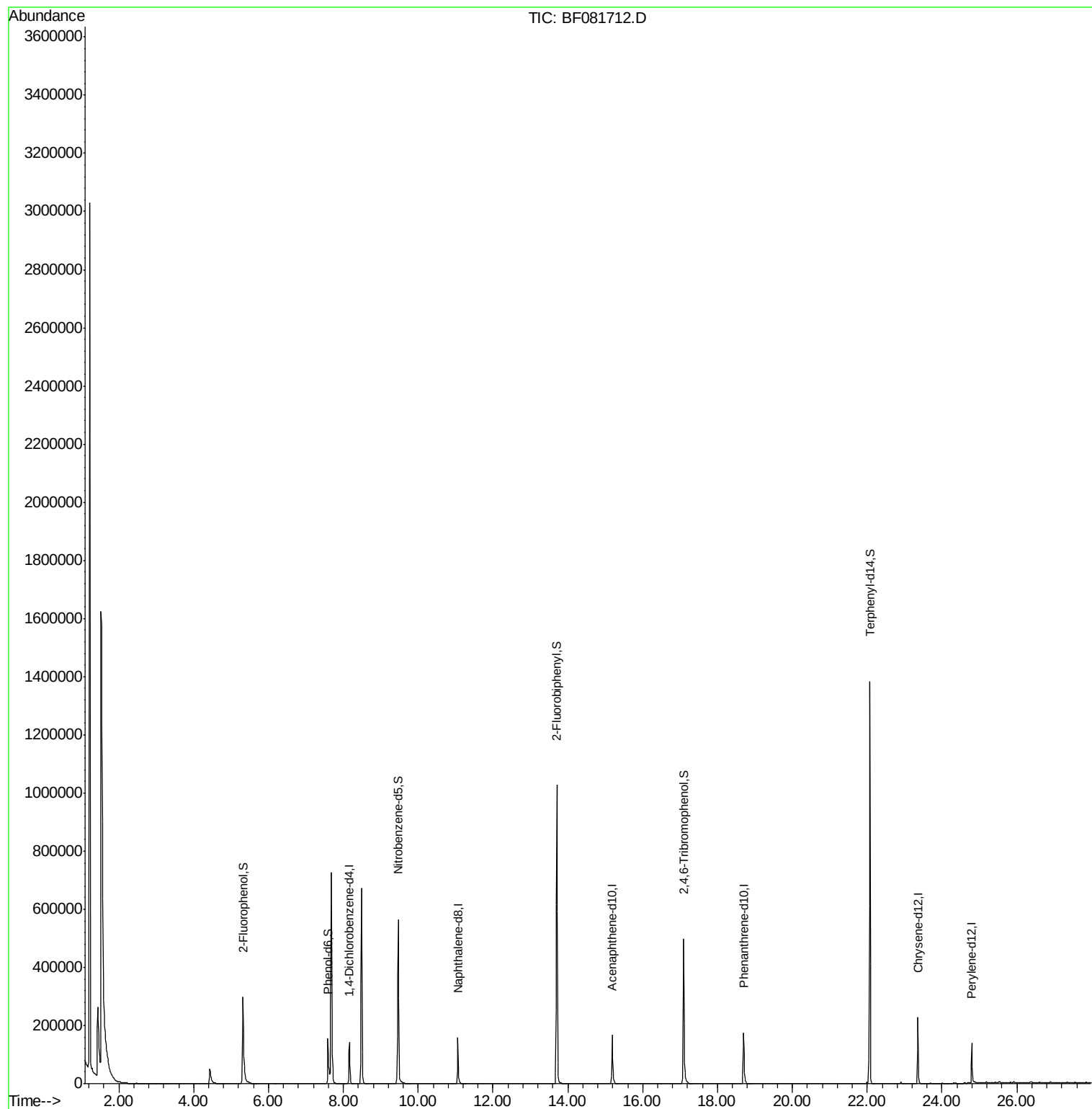
Target Compounds Qvalue

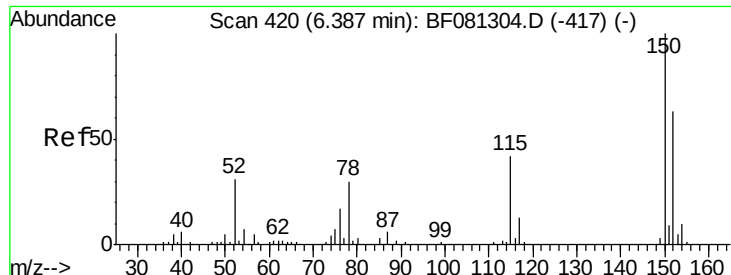
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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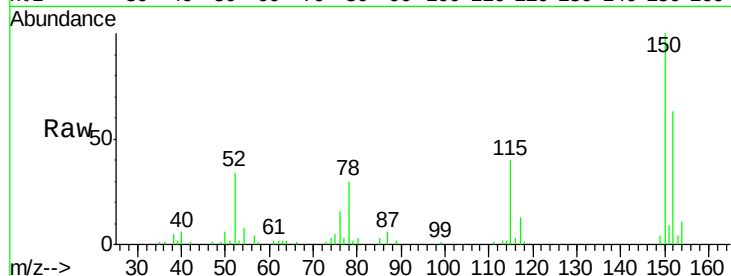


#1

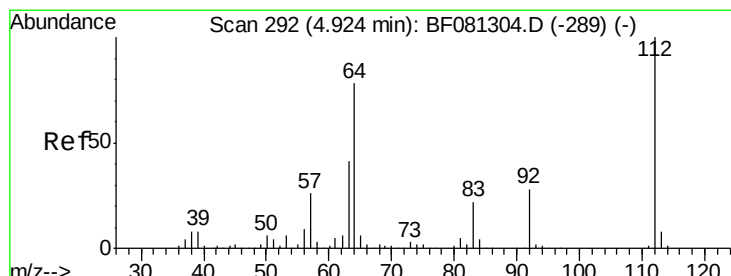
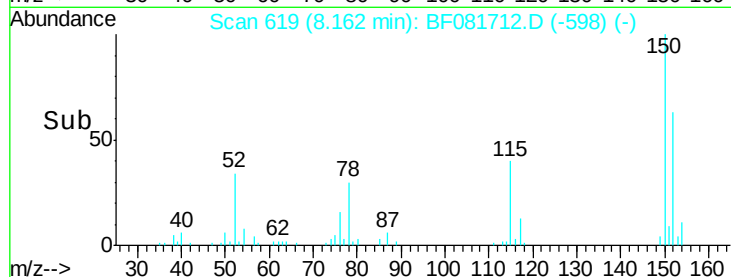
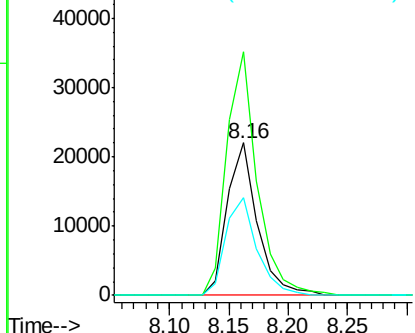
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF081712.D
Acq: 21 Sep 2015 13:33

Instrument :
BNA_F
ClientSampled :
PW-1

Tot Ion:152 Resp: 38966
Ion Ratio Lower Upper
152 100
150 159.5 124.7 187.1
115 64.2 39.0 58.4#



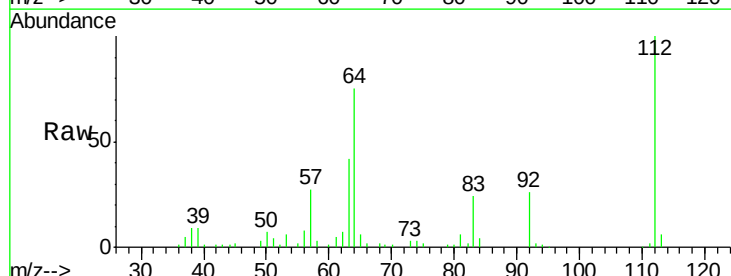
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



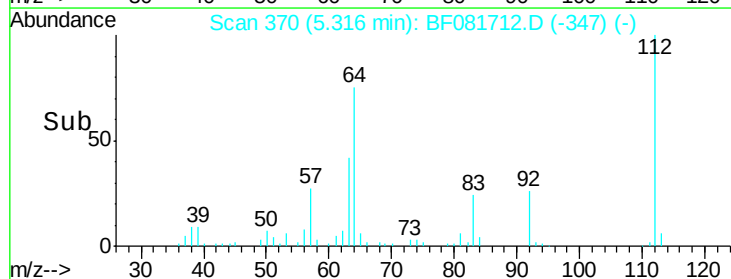
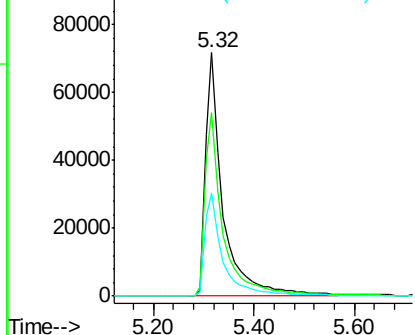
#5

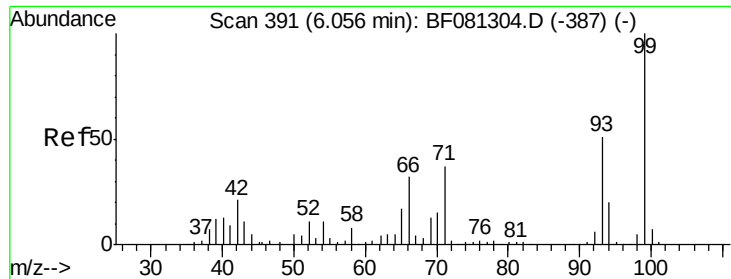
2-Fluorophenol
Concen: 69.02 ng
RT: 5.32 min Scan# 370
Delta R.T. -0.03 min
Lab File: BF081712.D
Acq: 21 Sep 2015 13:33

Tgt Ion:112 Resp: 173344
Ion Ratio Lower Upper
112 100
64 75.2 39.7 59.5#
63 42.4 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: 44.63 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF081712.D

Acq: 21 Sep 2015 13:33

Instrument :

BNA_F

ClientSampleId :

PW-1

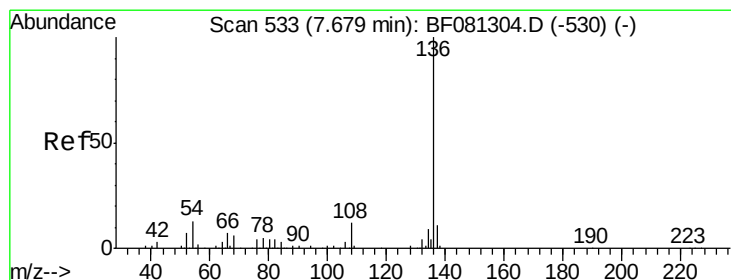
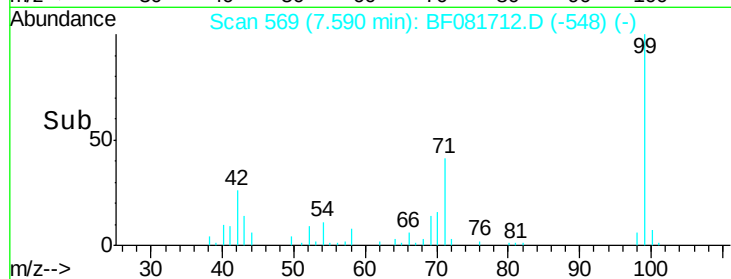
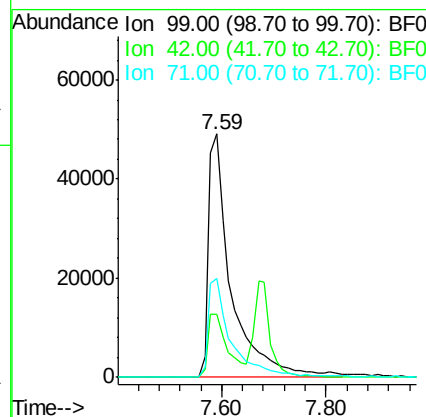
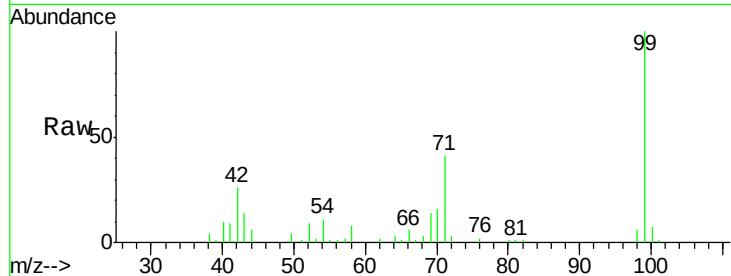
Tot Ion: 99 Resp: 148356

Ion Ratio Lower Upper

99 100

42 25.8 13.7 20.5#

71 40.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.05 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF081712.D

Acq: 21 Sep 2015 13:33

Tgt Ion: 136 Resp: 150950

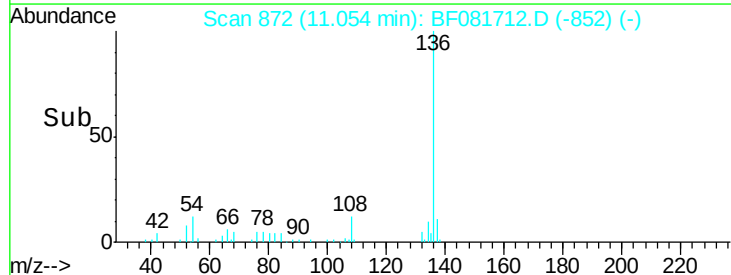
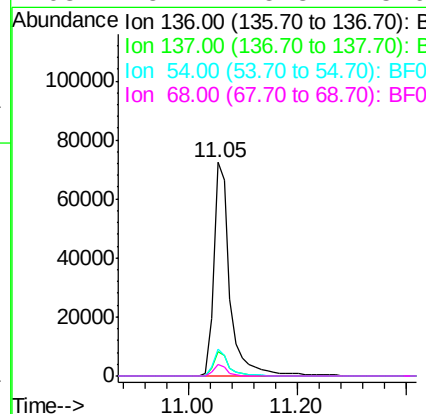
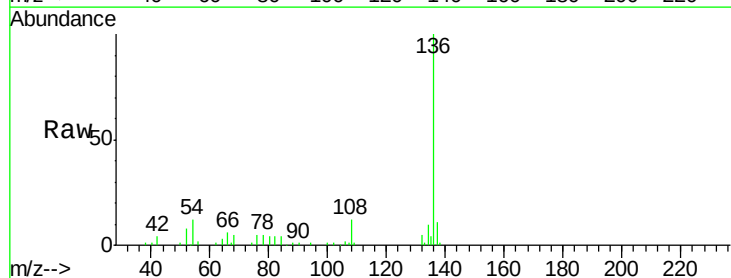
Ion Ratio Lower Upper

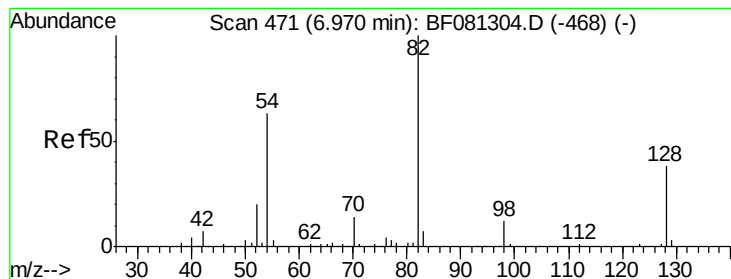
136 100

137 11.1 9.0 13.6

54 12.4 8.2 12.2#

68 5.1 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 113.23 ng

RT: 9.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF081712.D

Acq: 21 Sep 2015 13:33

Instrument :

BNA_F

ClientSampleId :

PW-1

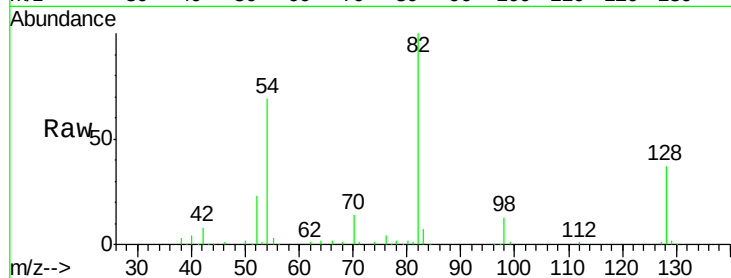
Tot Ion: 82 Resp: 354271

Ion Ratio Lower Upper

82 100

128 36.9 51.0 76.6#

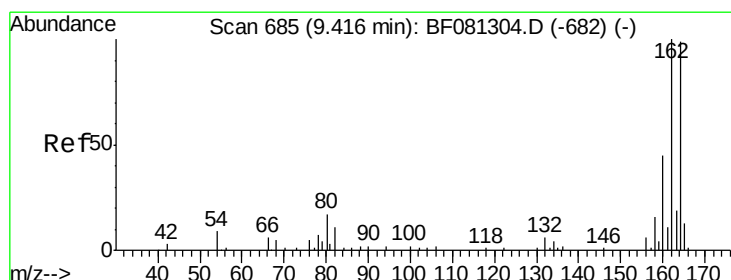
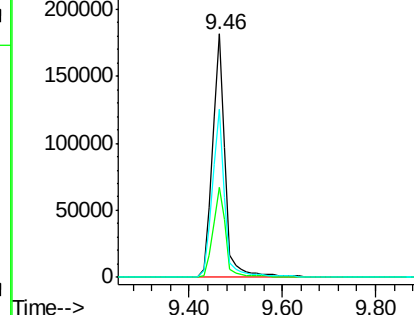
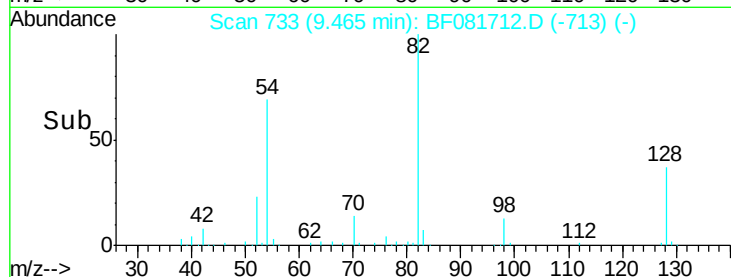
54 69.2 47.5 71.3



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: BF081712.D

Acq: 21 Sep 2015 13:33

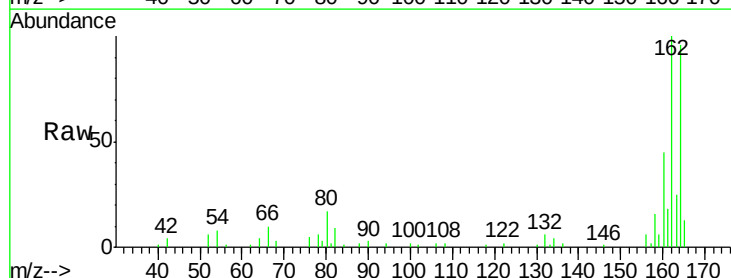
Tgt Ion:164 Resp: 71233

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

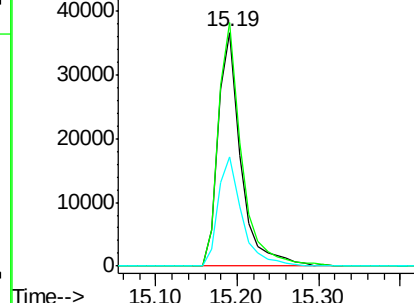
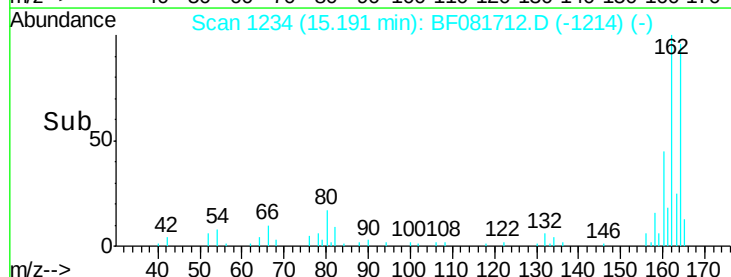
160 46.9 31.5 47.3

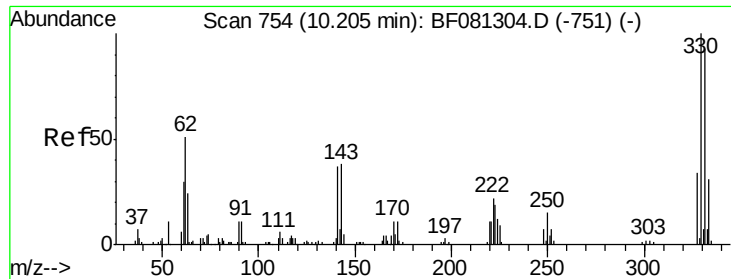


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

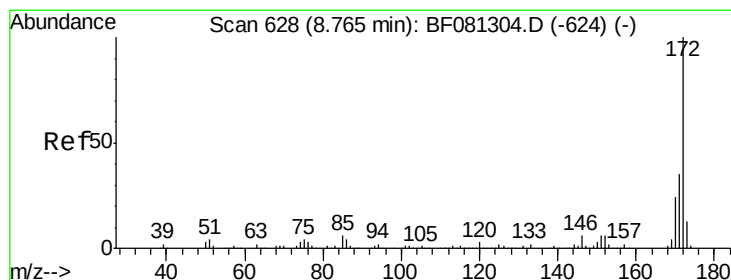
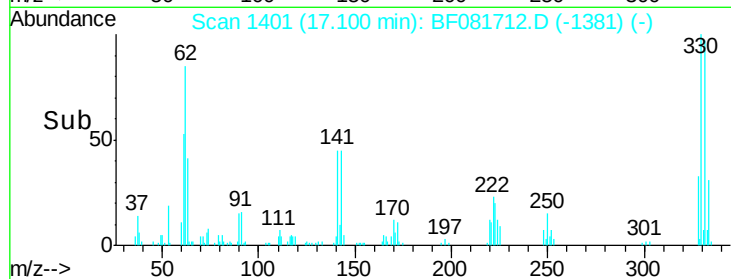
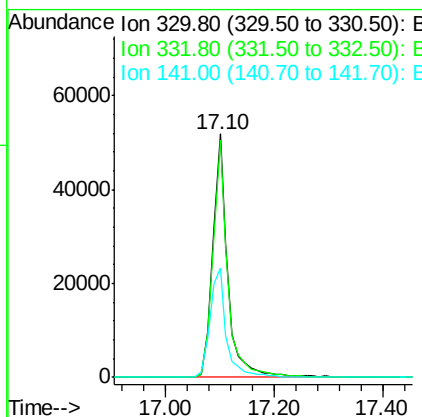
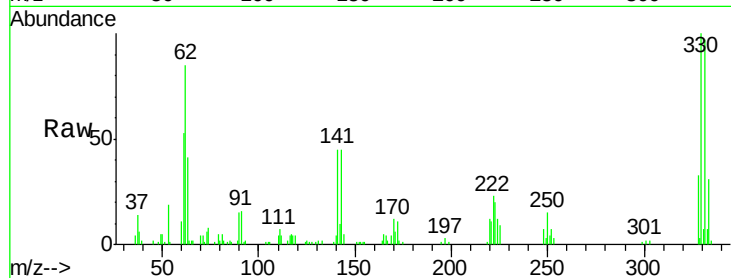




#41
 2,4,6-Tribromophenol
 Concen: 160.29 ng
 RT: 17.10 min Scan# 1401
 Delta R.T. -0.07 min
 Lab File: BF081712.D
 Acq: 21 Sep 2015 13:33

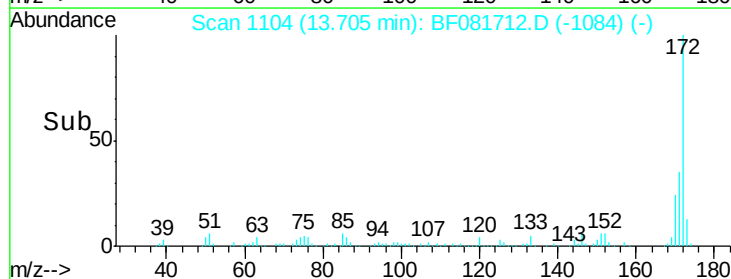
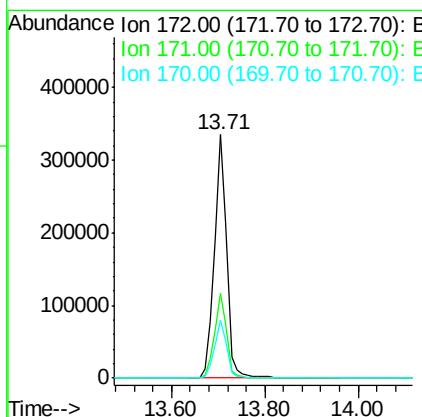
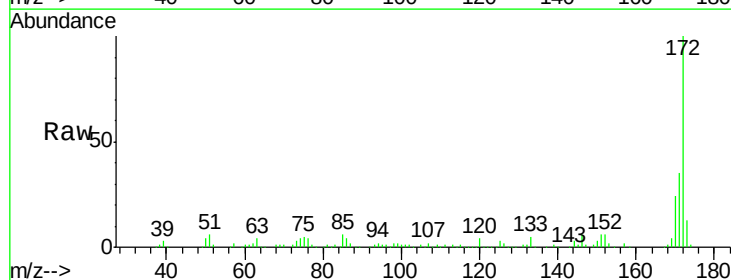
Instrument :
 BNA_F
 ClientSampleId :
 PW-1

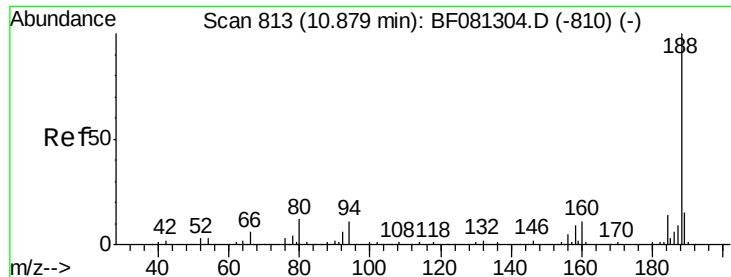
Tot Ion:330 Resp: 101664
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 48.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 111.18 ng
 RT: 13.71 min Scan# 1104
 Delta R.T. -0.07 min
 Lab File: BF081712.D
 Acq: 21 Sep 2015 13:33

Tgt Ion:172 Resp: 618001
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.1 39.1
 170 23.7 17.4 26.2

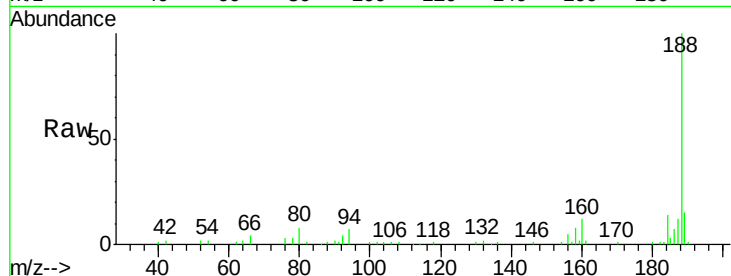




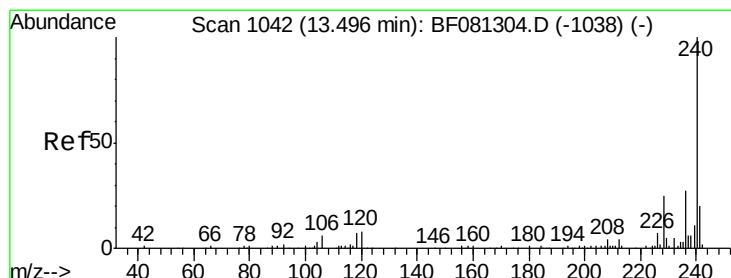
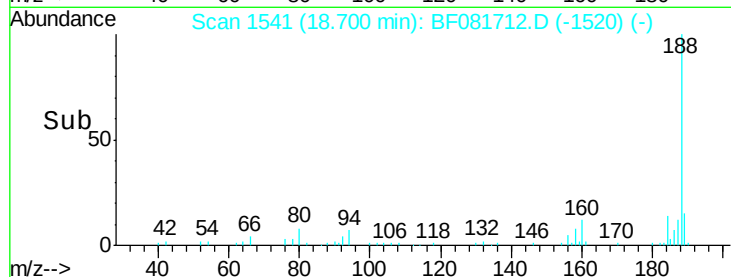
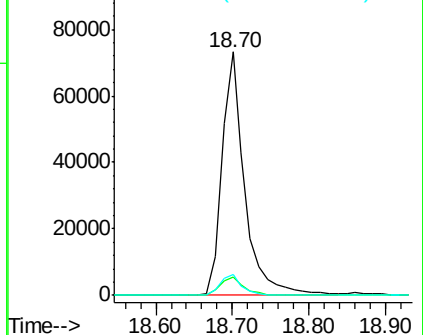
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.70 min Scan# 1541
Delta R.T. -0.06 min
Lab File: BF081712.D
Acq: 21 Sep 2015 13:33

Instrument :
BNA_F
ClientSampled :
PW-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	11.1	16.7#
80	8.4	11.0	16.4#

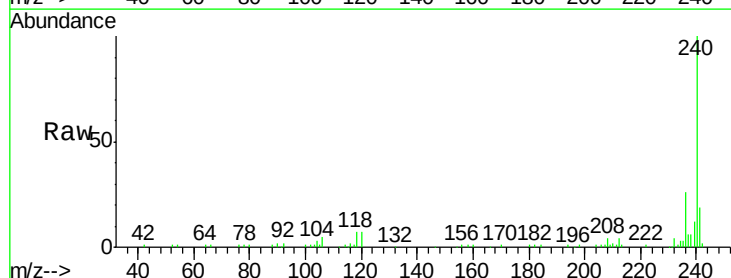


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

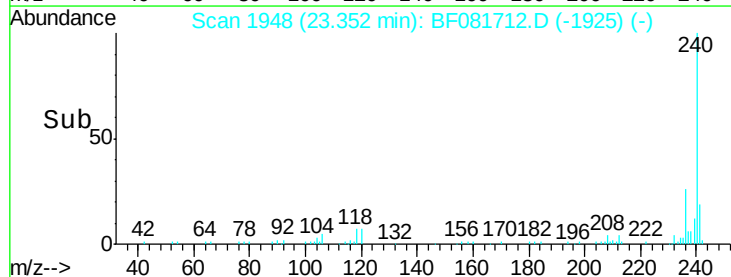
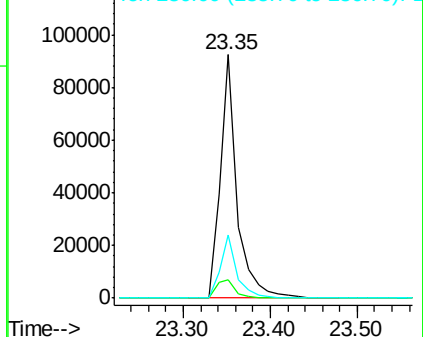


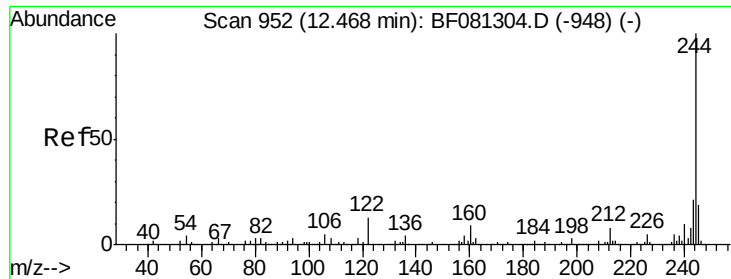
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BF081712.D
Acq: 21 Sep 2015 13:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	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: 105.27 ng

RT: 22.07 min Scan# 1836

Delta R.T. -0.04 min

Lab File: BF081712.D

Acq: 21 Sep 2015 13:33

Instrument :

BNA_F

ClientSampled :

PW-1

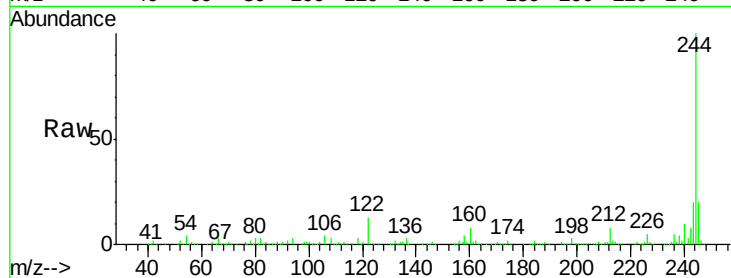
Tot Ion:244 Resp: 564594

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

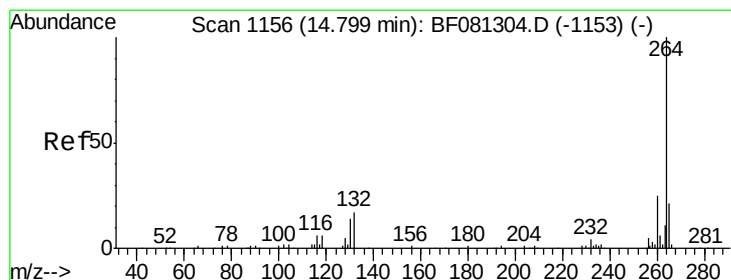
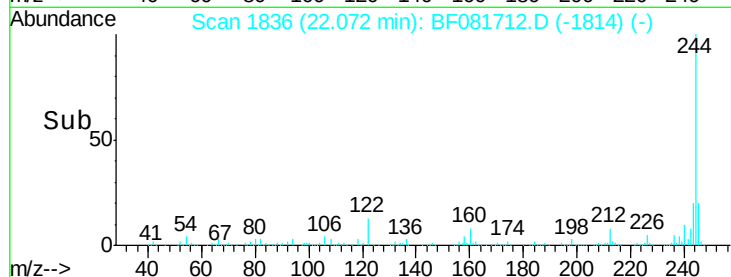
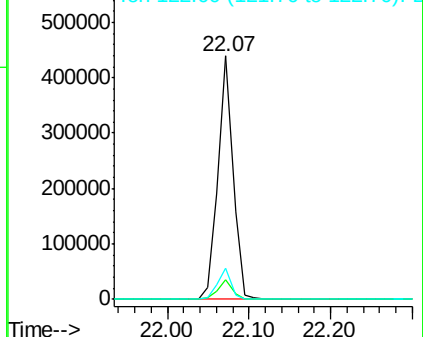
122 12.8 17.4 26.2#



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: 24.79 min Scan# 2074

Delta R.T. -0.02 min

Lab File: BF081712.D

Acq: 21 Sep 2015 13:33

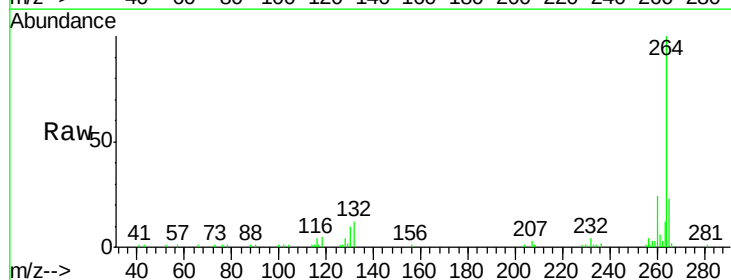
Tgt Ion:264 Resp: 87606

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 22.5 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

