

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083875.D
 Acq On : 17 Dec 2015 8:40
 Operator : UM/SJ
 Sample : G4800-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Quant Time: Dec 17 13:19:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	87054	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	353226	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	163032	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	293045	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	188736	20.00	ng	-0.02
86) Perylene-d12	15.49	264	164551	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	363613	67.38	ng	-0.02
7) Phenol-d6	6.52	99	287160	42.02	ng	-0.02
23) Nitrobenzene-d5	7.46	82	628410	99.53	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	258510	155.61	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	1018684	95.00	ng	-0.03
78) Terphenyl-d14	13.00	244	913134	104.07	ng	-0.02

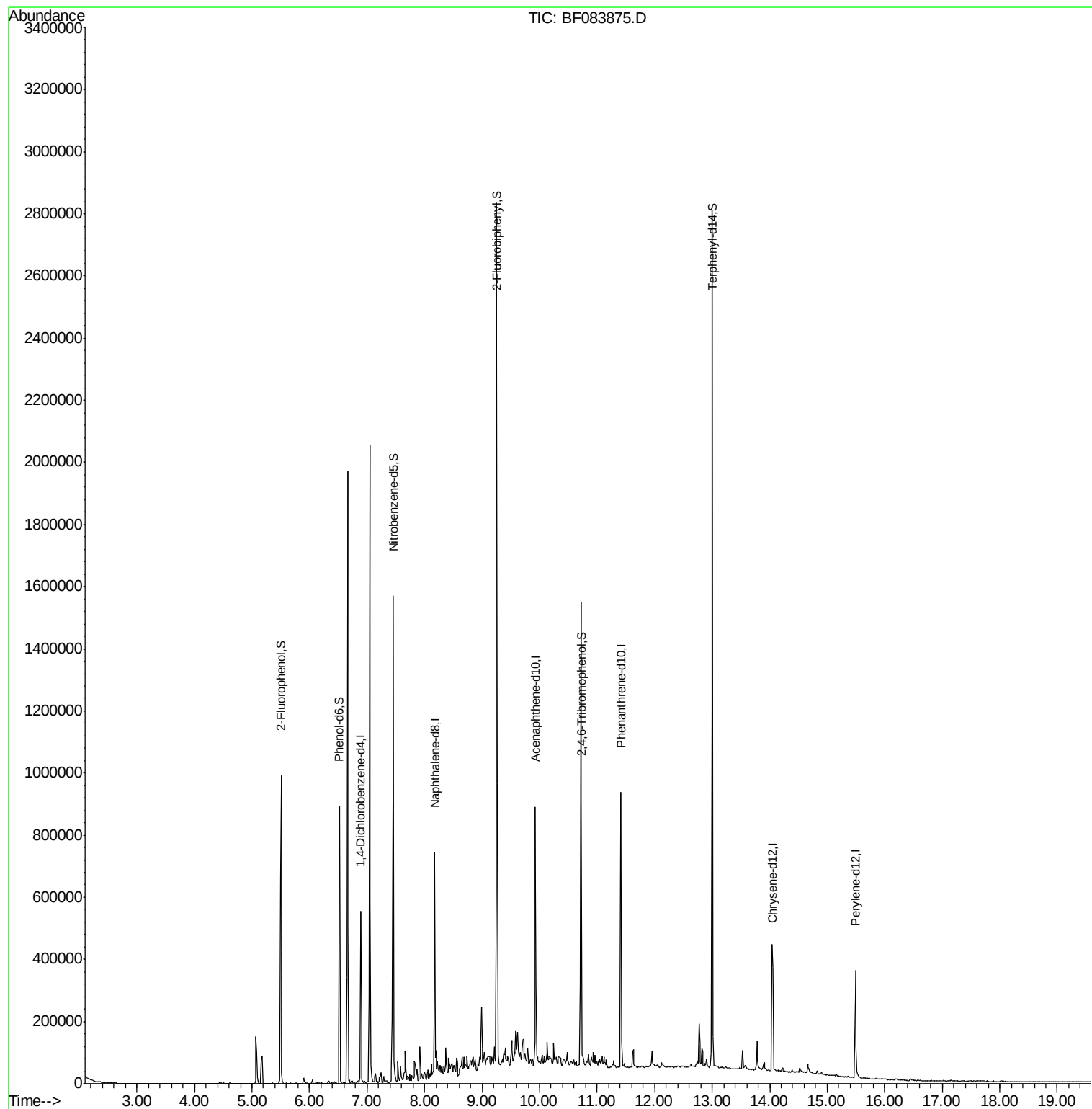
Target Compounds Qvalue

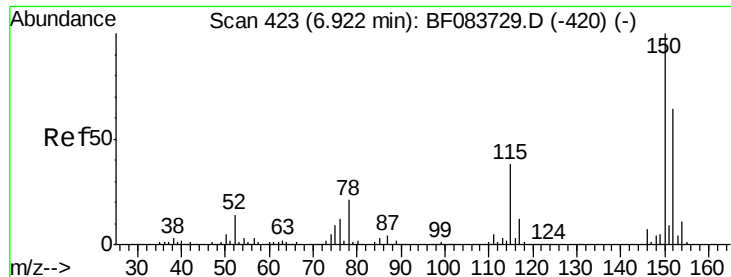
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

W-07

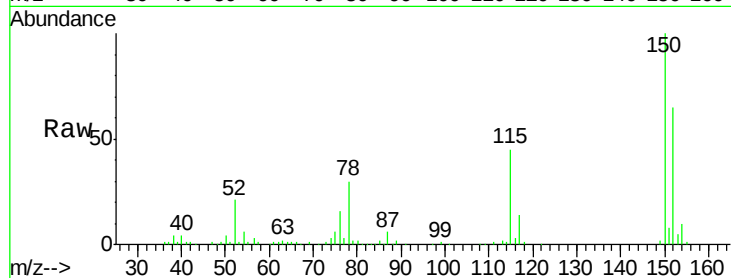
Tot Ion:152 Resp: 87054

Ion Ratio Lower Upper

152 100

150 154.7 126.5 189.7

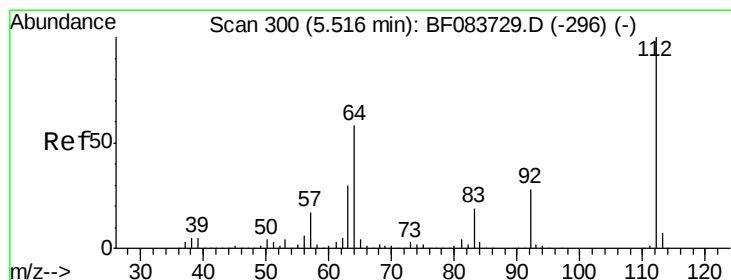
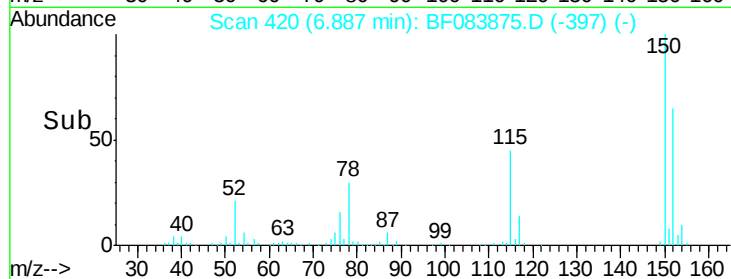
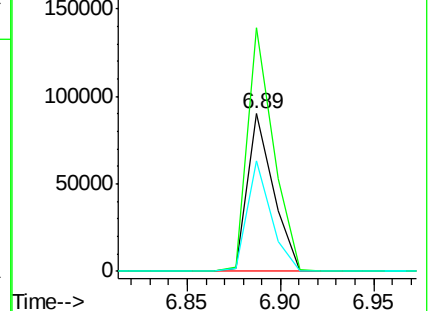
115 69.9 52.3 78.5



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: 67.38 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

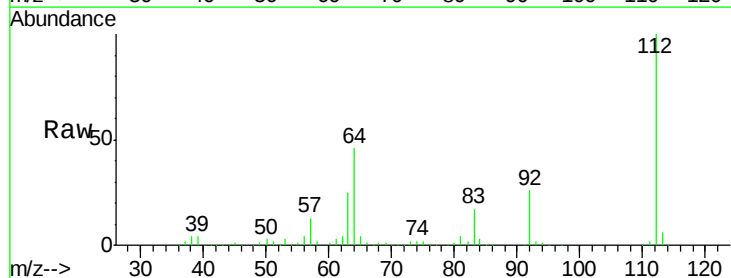
Tgt Ion:112 Resp: 363613

Ion Ratio Lower Upper

112 100

64 46.4 50.5 75.7#

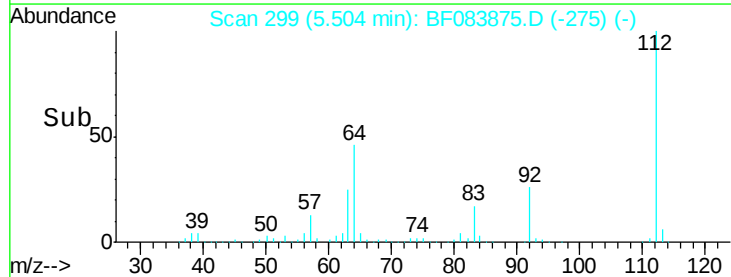
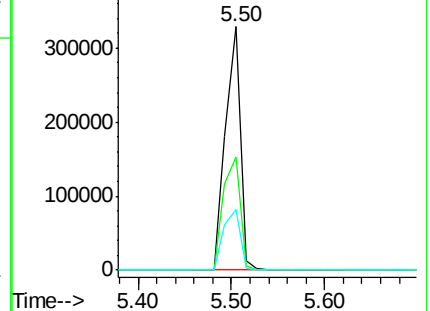
63 24.8 25.8 38.6#

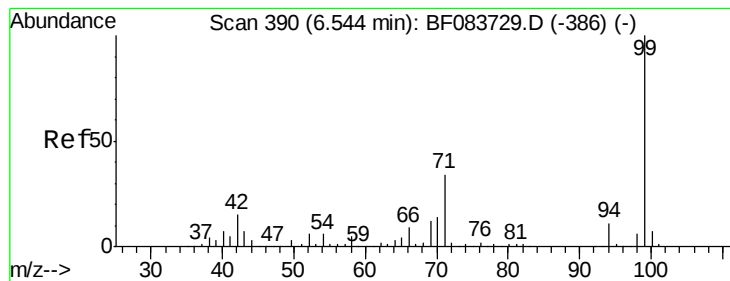


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.02 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

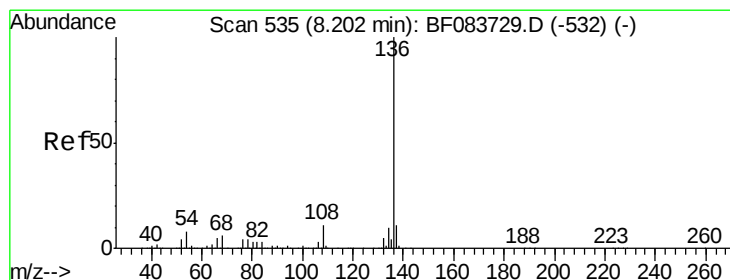
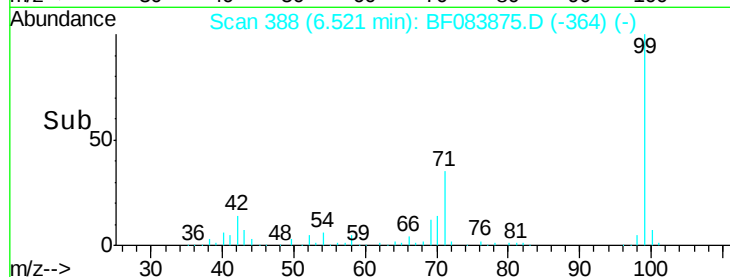
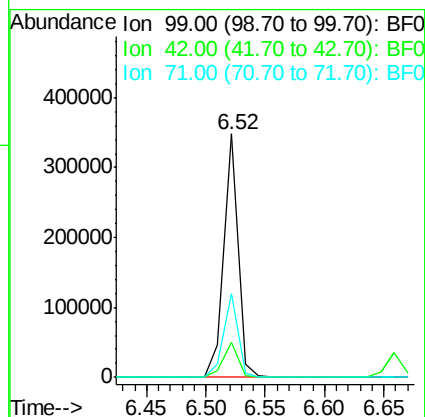
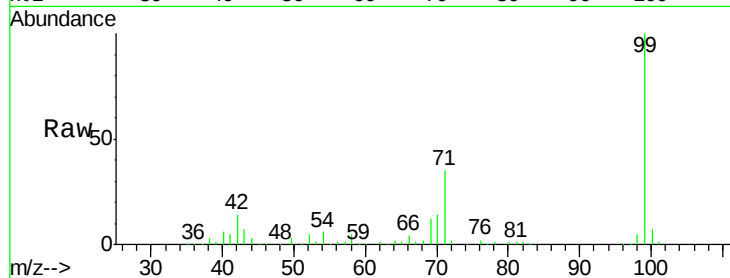
BNA_F

ClientSampleId :

W-07

Tot Ion: 99 Resp: 287160

Ion	Ratio	Lower	Upper
99	100		
42	14.5	17.3	25.9#
71	34.5	26.6	40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

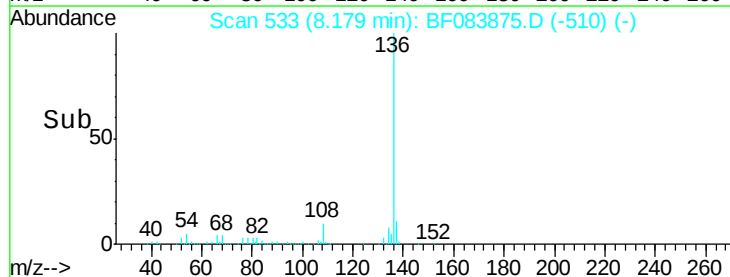
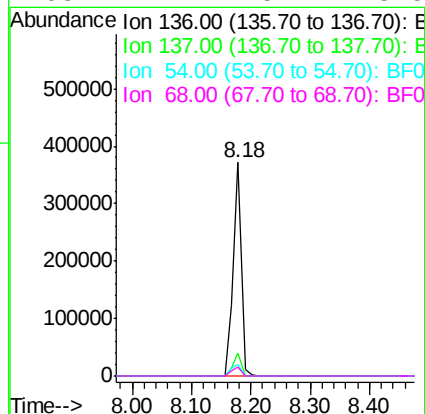
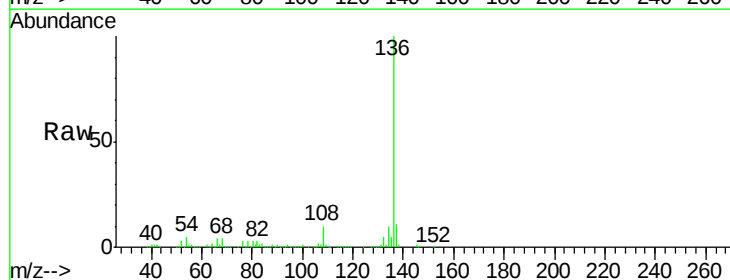
Delta R.T. -0.03 min

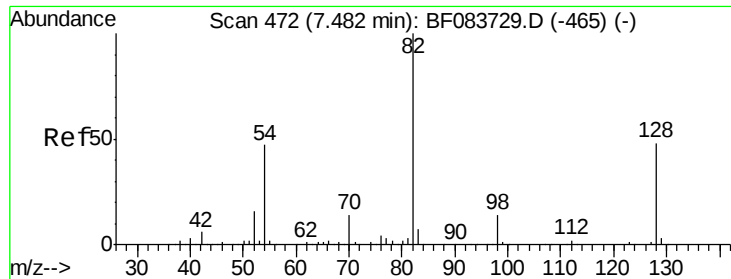
Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Tgt Ion: 136 Resp: 353226

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	5.3	7.8	11.6#
68	4.4	5.7	8.5#

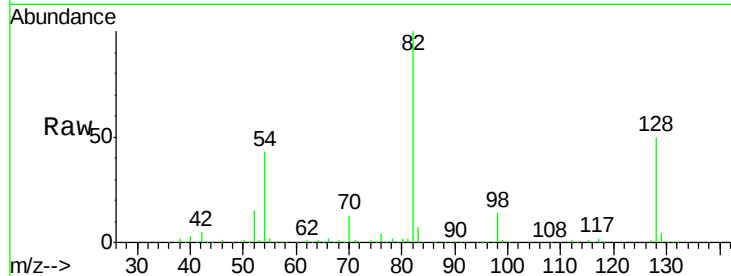




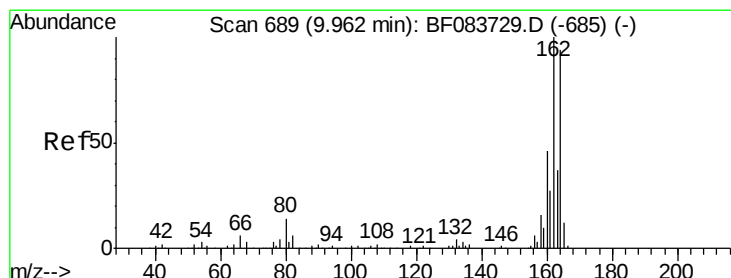
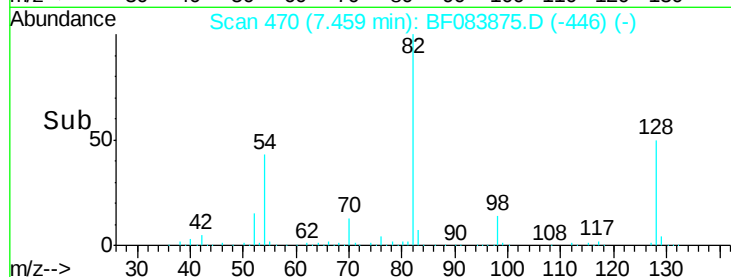
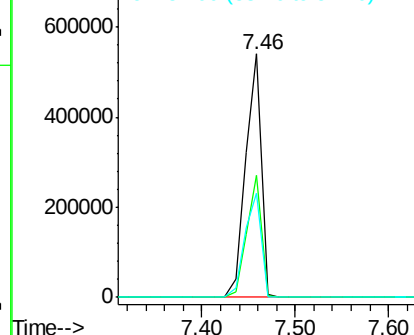
#23
Nitrobenzene-d5
Concen: 99.53 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Instrument :
BNA_F
ClientSampleId :
W-07

Tot Ion: 82 Resp: 628410
Ion Ratio Lower Upper
82 100
128 50.2 30.7 46.1#
54 43.0 42.5 63.7

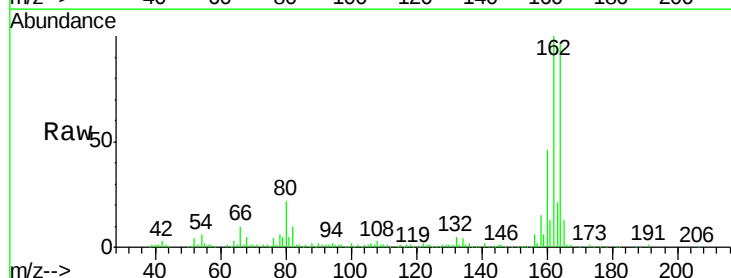


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

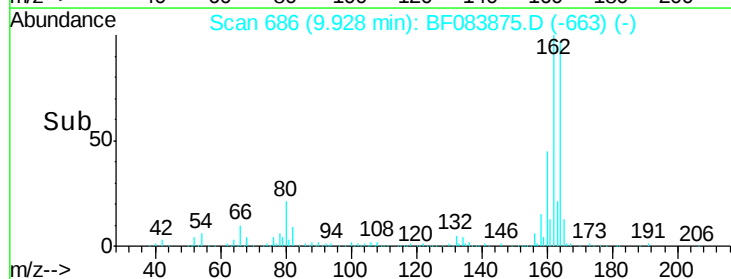
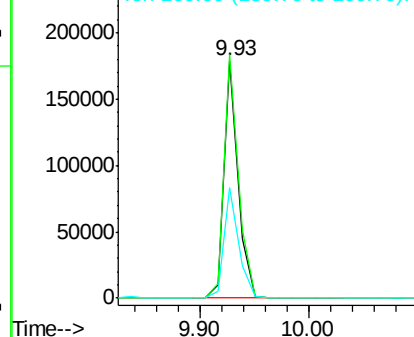


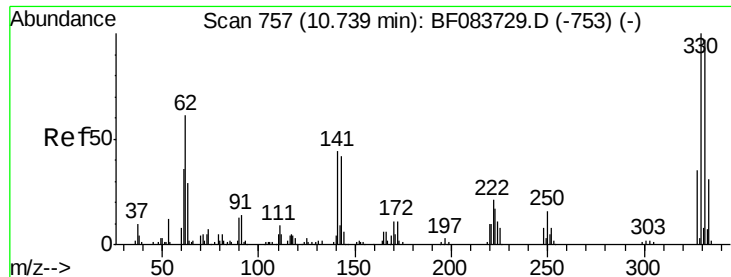
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Tgt Ion:164 Resp: 163032
Ion Ratio Lower Upper
164 100
162 102.6 78.8 118.2
160 46.8 33.4 50.2



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

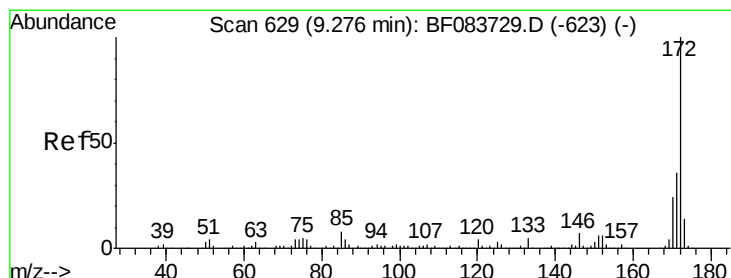
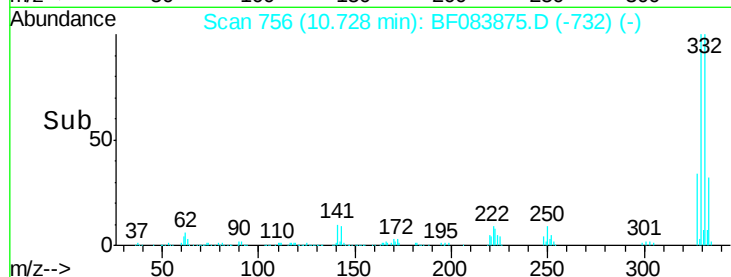
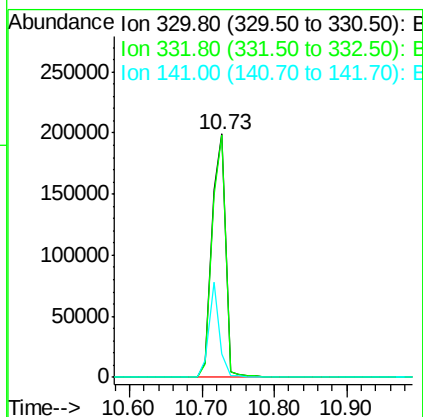
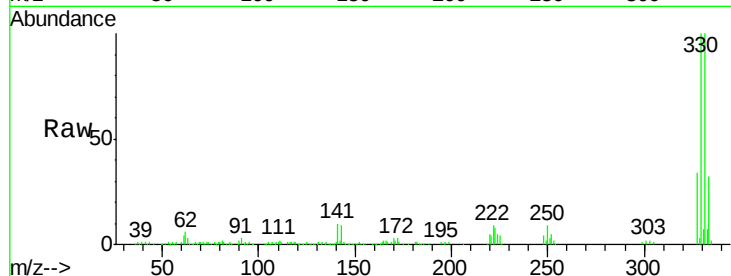




#41
 2,4,6-Tribromophenol
 Concen: 155.61 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

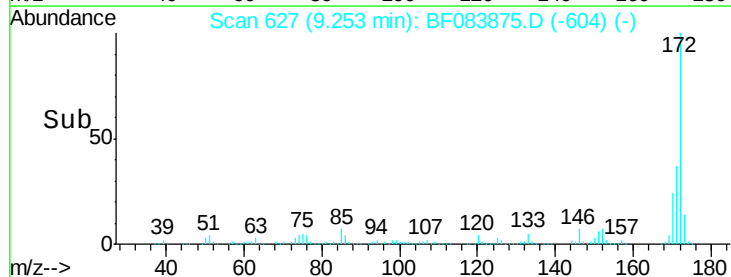
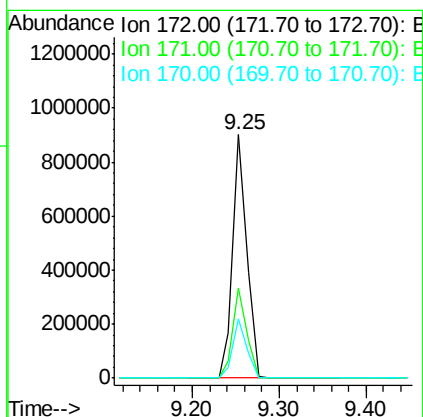
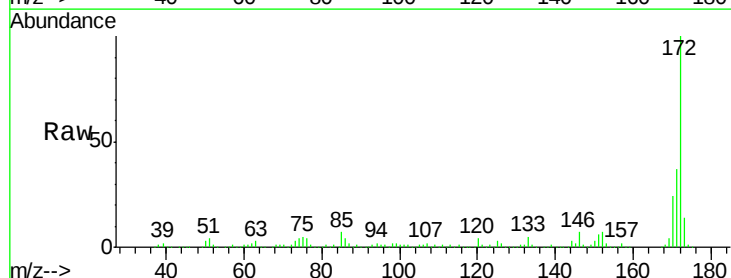
Instrument :
 BNA_F
 ClientSampleId :
 W-07

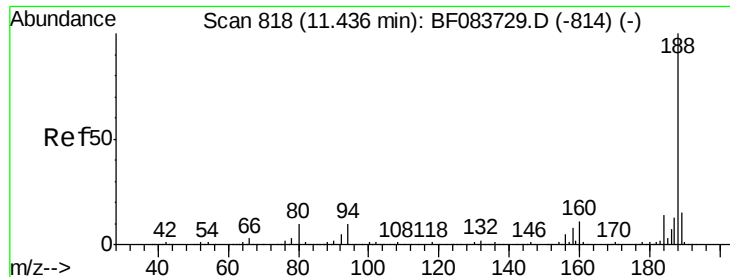
Tot Ion:330 Resp: 258510
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 30.1 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 95.00 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083875.D
 Acq: 17 Dec 2015 8:40

Tgt Ion:172 Resp: 1018684
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.3 19.4 29.0

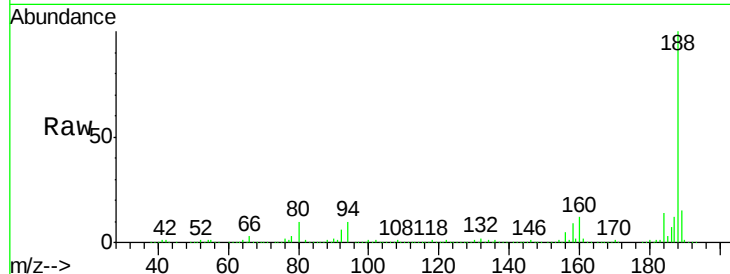




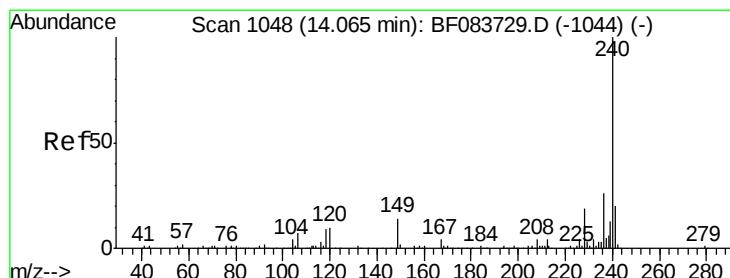
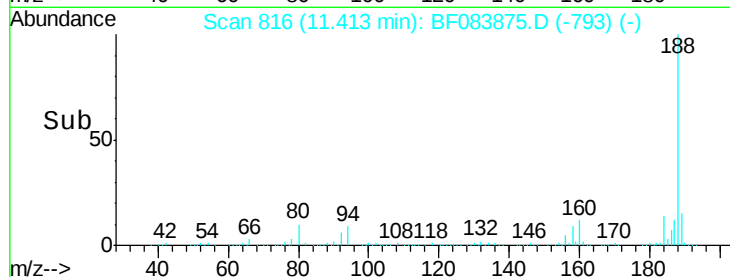
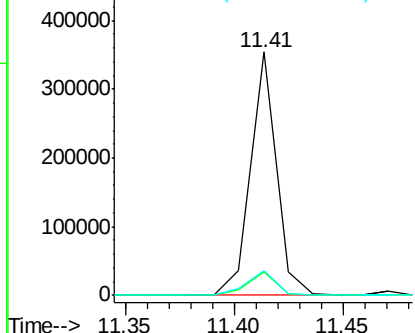
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Instrument :
BNA_F
ClientSampleId :
W-07

Tot Ion:188 Resp: 293045
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.9 10.6 16.0#

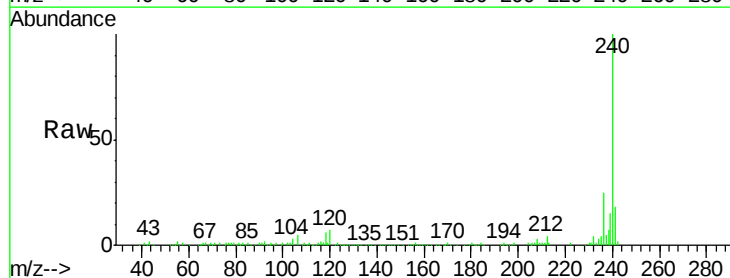


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

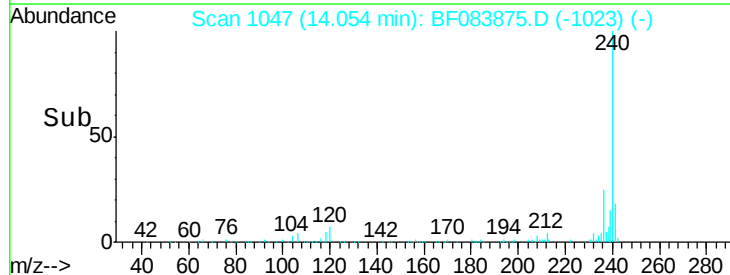
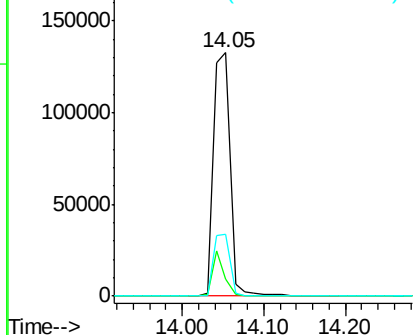


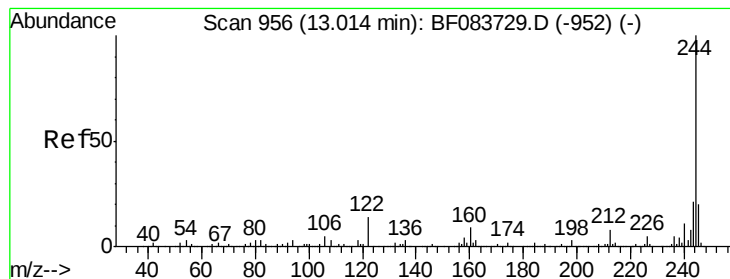
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083875.D
Acq: 17 Dec 2015 8:40

Tgt Ion:240 Resp: 188736
Ion Ratio Lower Upper
240 100
120 7.1 8.1 12.1#
236 25.2 20.8 31.2



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: 104.07 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

Instrument :

BNA_F

ClientSampleId :

W-07

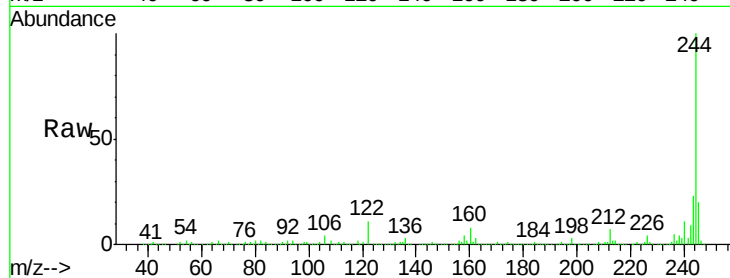
Tot Ion:244 Resp: 913134

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

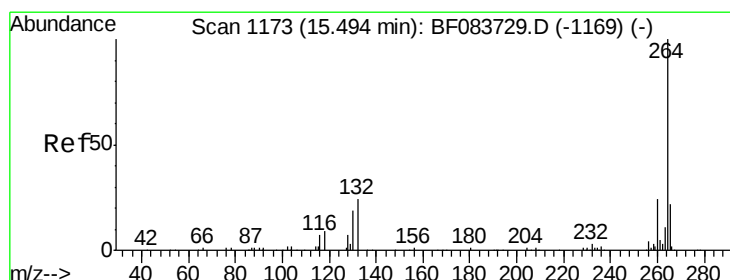
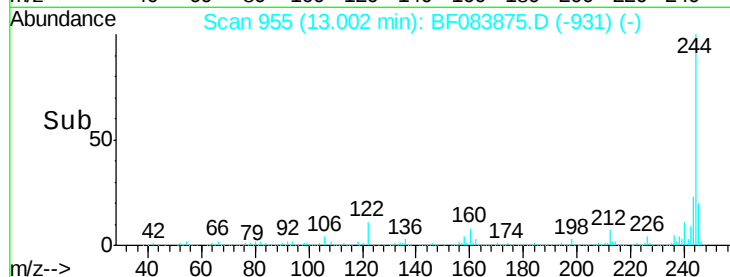
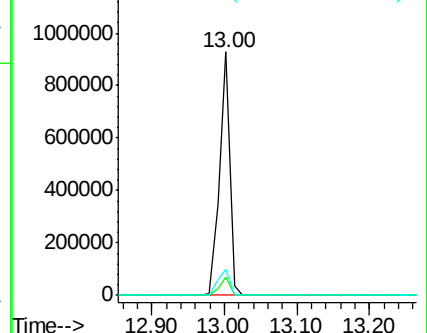
122 10.9 11.0 16.6#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF083875.D

Acq: 17 Dec 2015 8:40

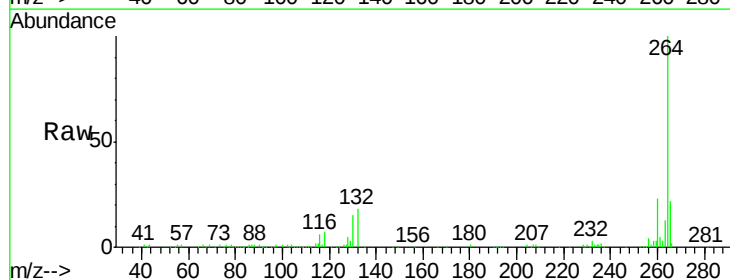
Tgt Ion:264 Resp: 164551

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.0

265 21.5 17.8 26.6



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

