

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083873.D
 Acq On : 17 Dec 2015 7:44
 Operator : UM/SJ
 Sample : G4800-02
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: Dec 17 12:28:42 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	84440	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	344418	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	160152	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	288602	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	199005	20.00	ng	-0.03
86) Perylene-d12	15.49	264	164533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	353418	67.52	ng	-0.02
7) Phenol-d6	6.52	99	290004	43.75	ng	-0.02
23) Nitrobenzene-d5	7.46	82	620611	100.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	252325	154.62	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	979218	91.87	ng	-0.03
78) Terphenyl-d14	13.00	244	937594	101.35	ng	-0.02

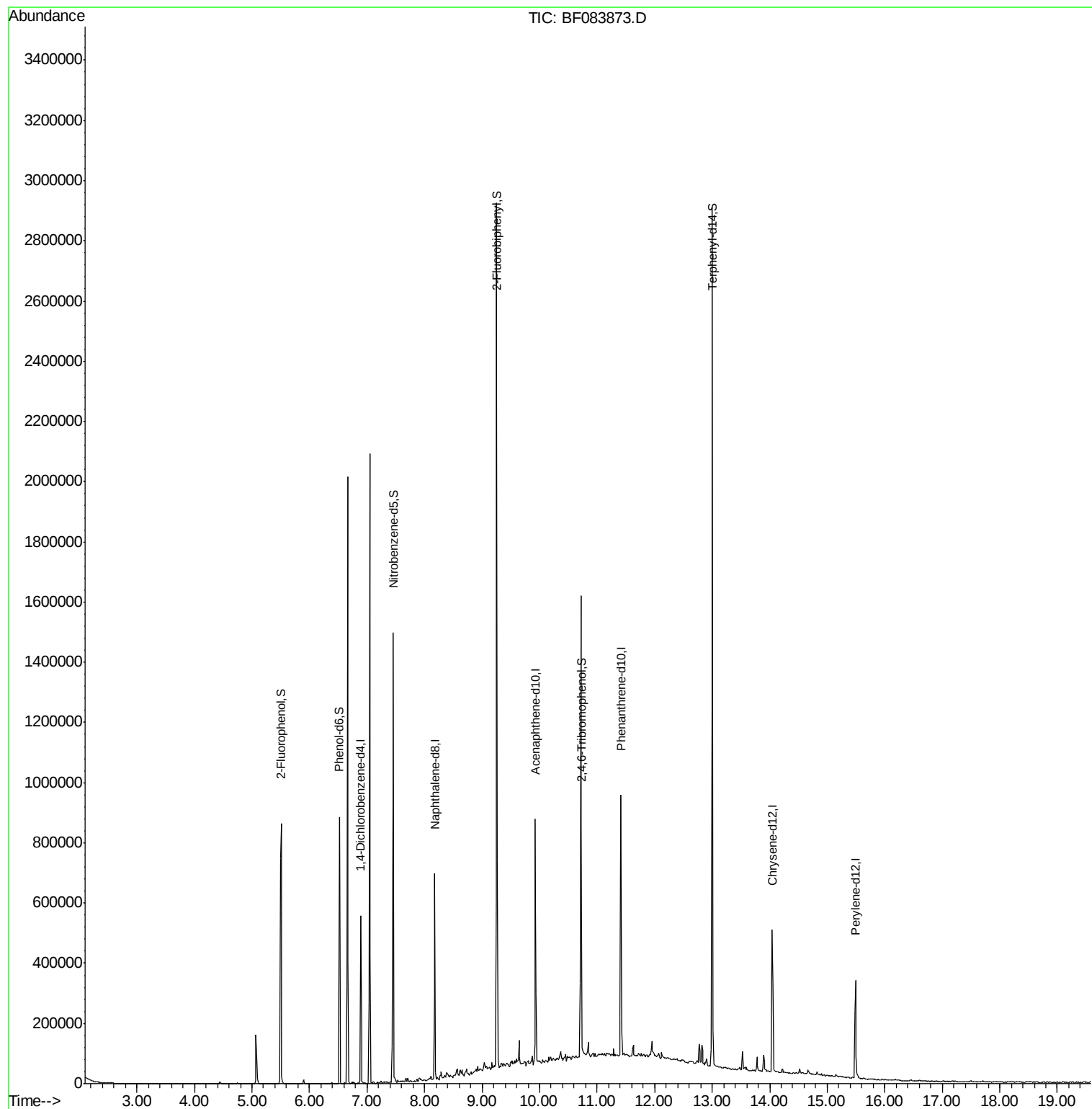
Target Compounds Qvalue

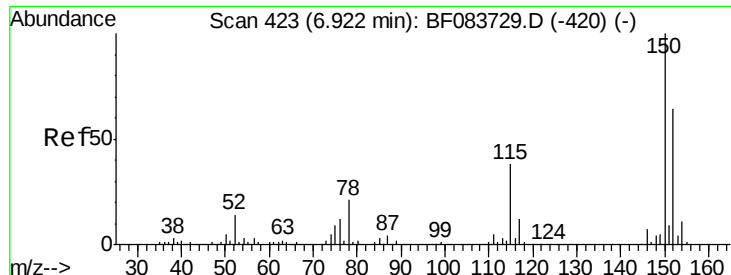
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
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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: BF083873.D

Acq: 17 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

W-24

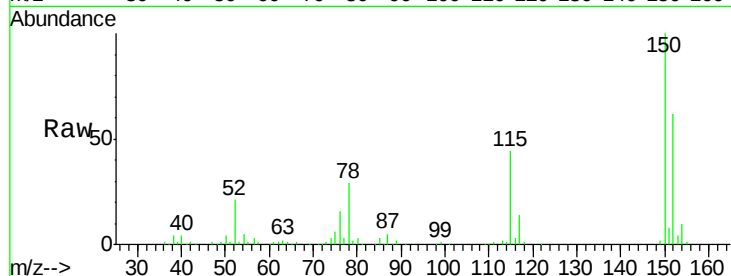
Tot Ion:152 Resp: 84440

Ion Ratio Lower Upper

152 100

150 160.1 126.5 189.7

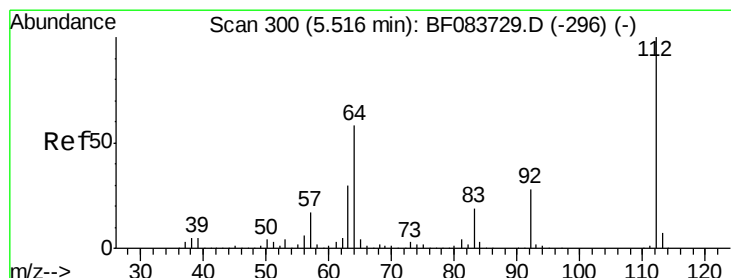
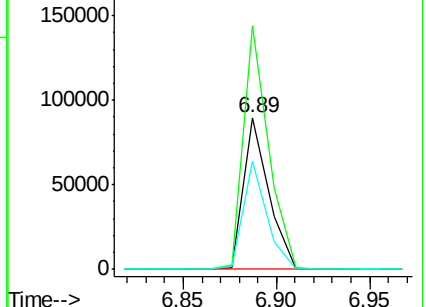
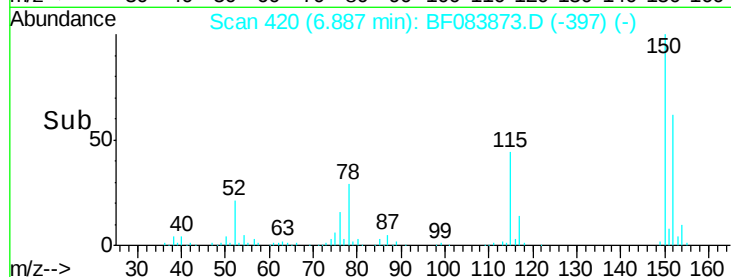
115 70.7 52.3 78.5



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: 67.52 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083873.D

Acq: 17 Dec 2015 7:44

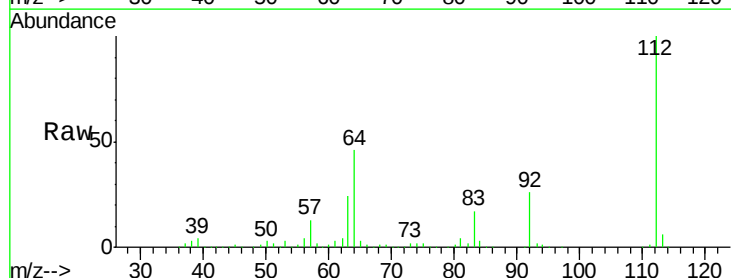
Tgt Ion:112 Resp: 353418

Ion Ratio Lower Upper

112 100

64 45.9 50.5 75.7#

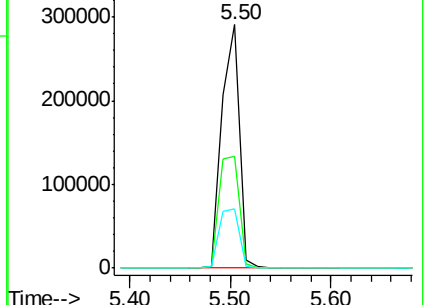
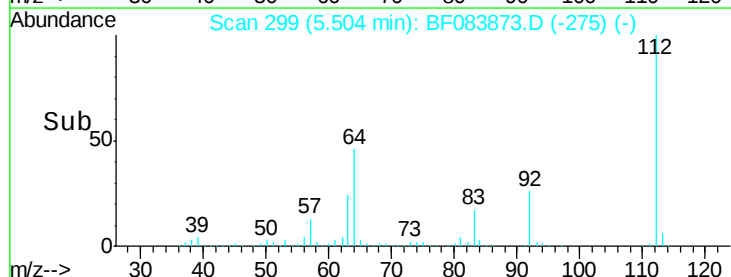
63 24.1 25.8 38.6#

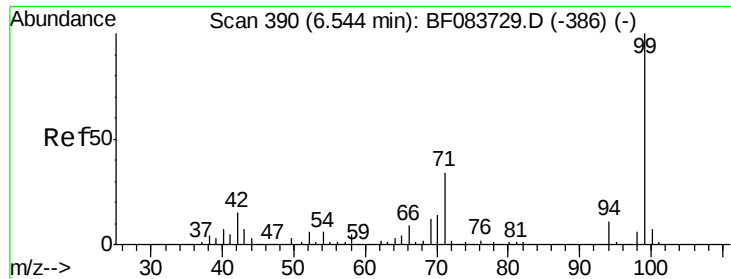


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.75 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083873.D

Acq: 17 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

W-24

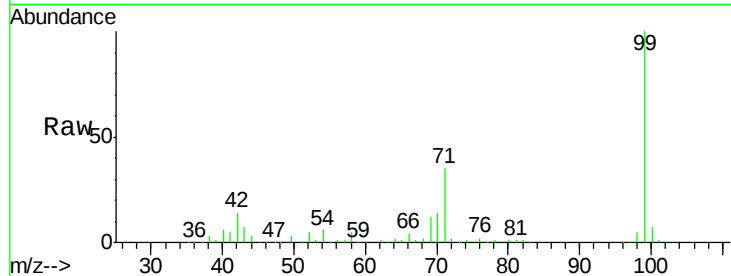
Tot Ion: 99 Resp: 290004

Ion Ratio Lower Upper

99 100

42 14.1 17.3 25.9#

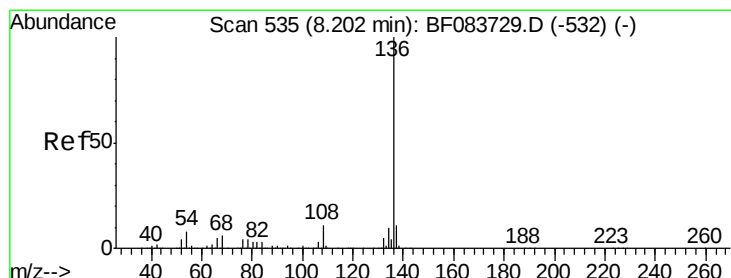
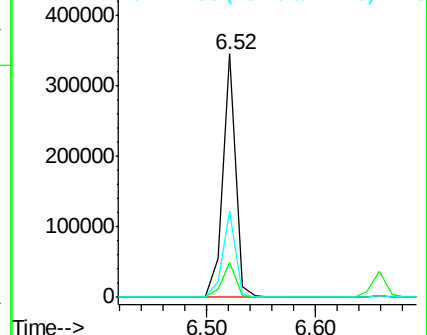
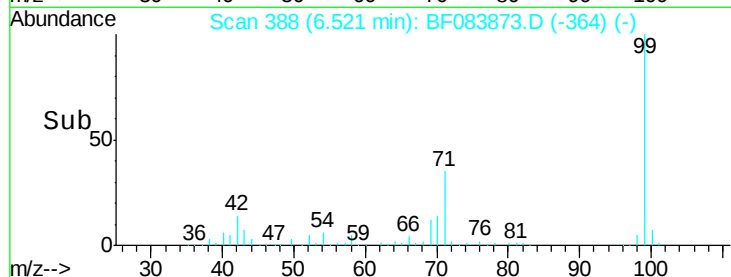
71 35.4 26.6 40.0



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: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083873.D

Acq: 17 Dec 2015 7:44

Tgt Ion: 136 Resp: 344418

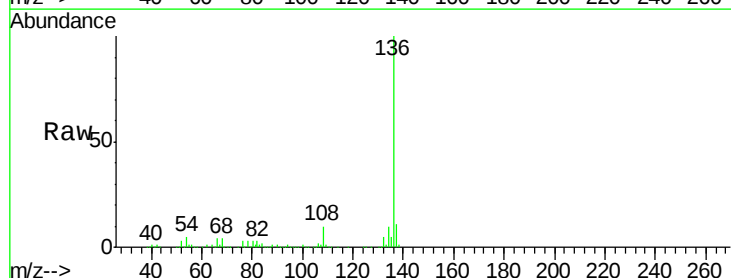
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.0 7.8 11.6#

68 4.4 5.7 8.5#

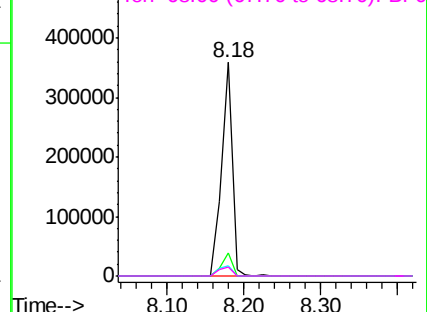
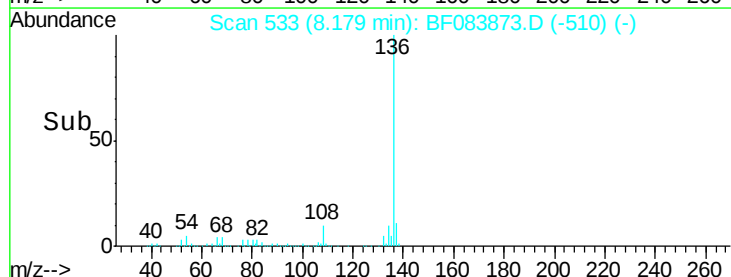


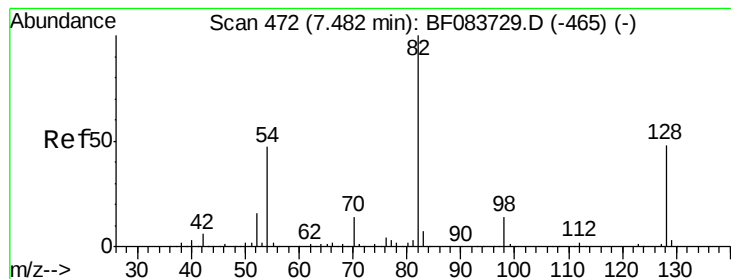
Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.81 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083873.D

Acq: 17 Dec 2015 7:44

Instrument :

BNA_F

ClientSampleId :

W-24

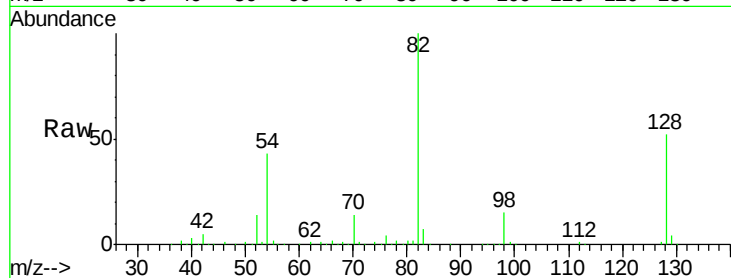
Tot Ion: 82 Resp: 620611

Ion Ratio Lower Upper

82 100

128 51.5 30.7 46.1#

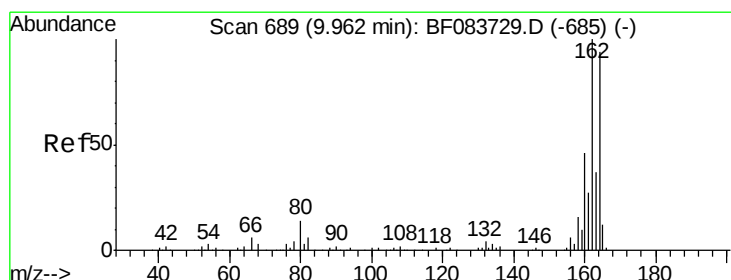
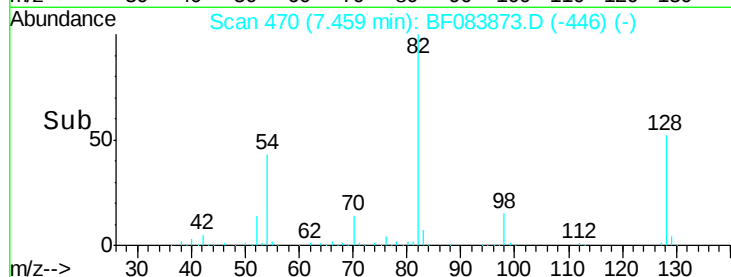
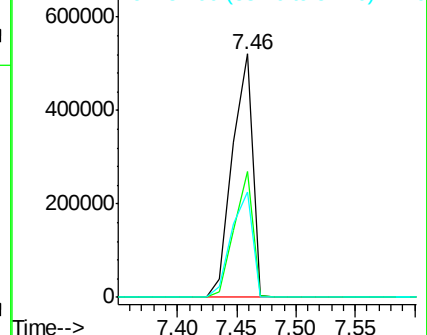
54 43.0 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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: BF083873.D

Acq: 17 Dec 2015 7:44

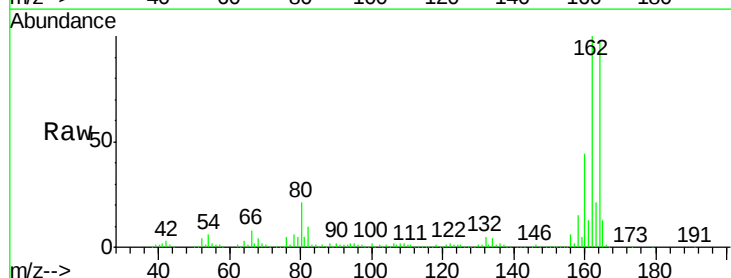
Tgt Ion:164 Resp: 160152

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

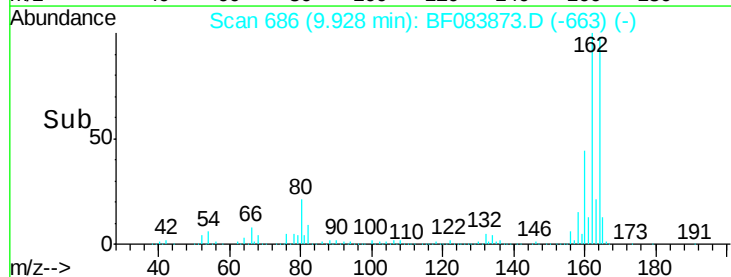
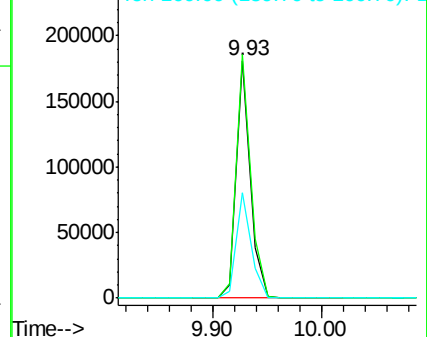
160 44.6 33.4 50.2

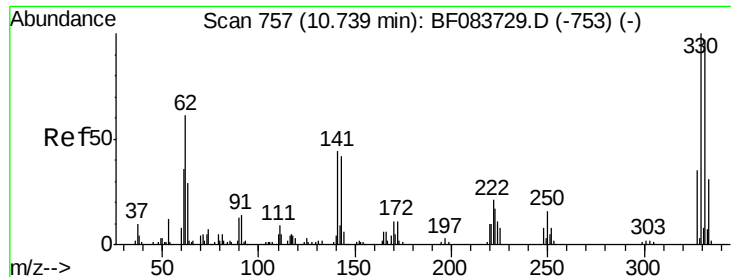


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

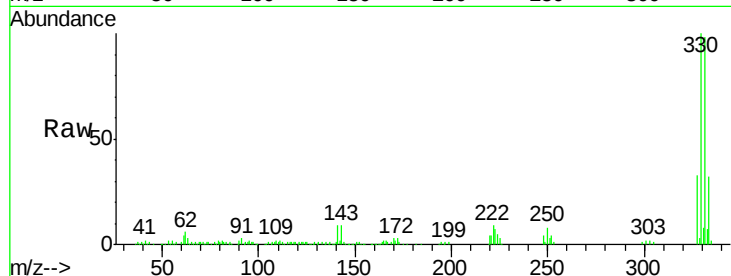




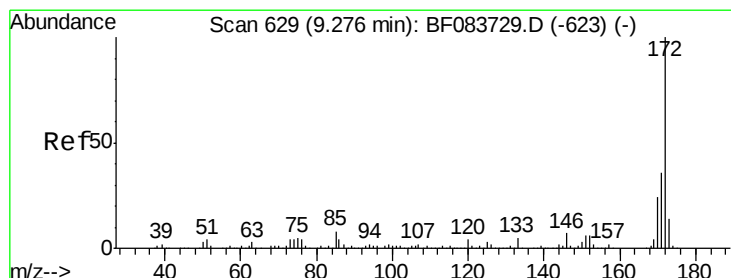
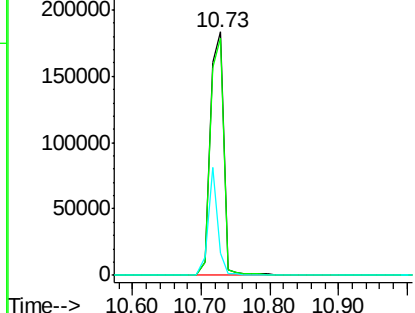
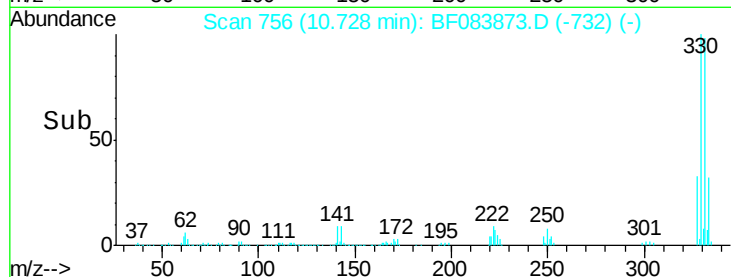
#41
 2,4,6-Tribromophenol
 Concen: 154.62 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF083873.D
 Acq: 17 Dec 2015 7:44

Instrument :
 BNA_F
 ClientSampled :
 W-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	31.2	0.0	0.0#

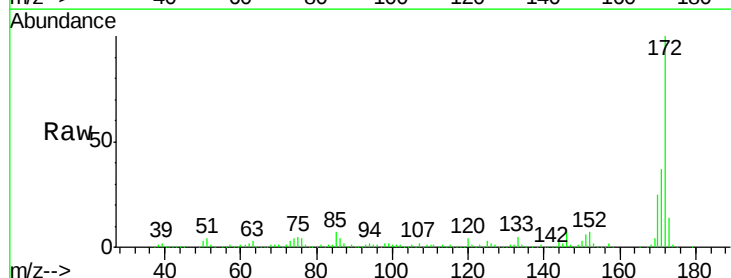


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

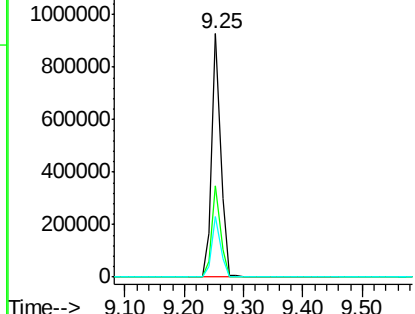
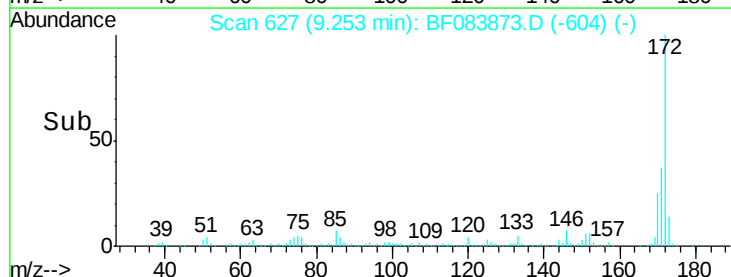


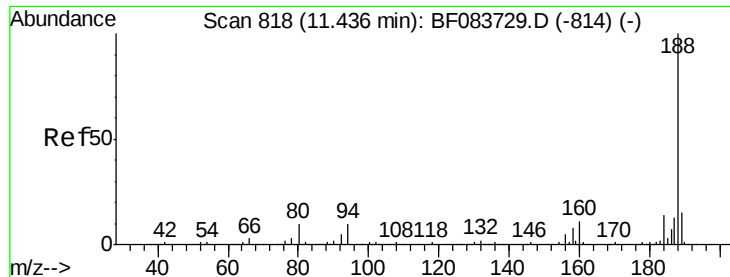
#44
 2-Fluorobiphenyl
 Concen: 91.87 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083873.D
 Acq: 17 Dec 2015 7:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	42.8
170	24.8	19.4	29.0



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

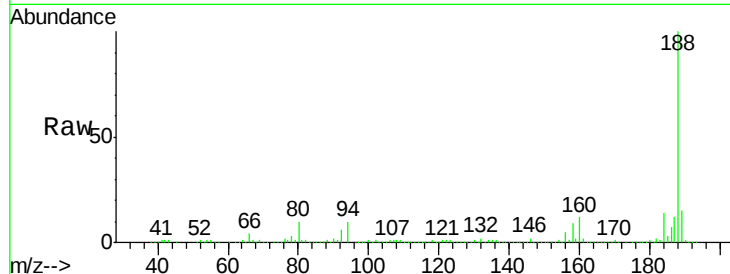




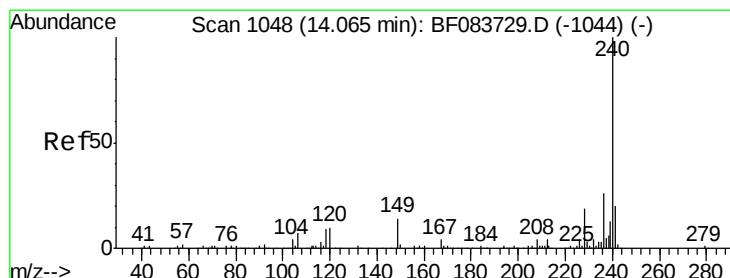
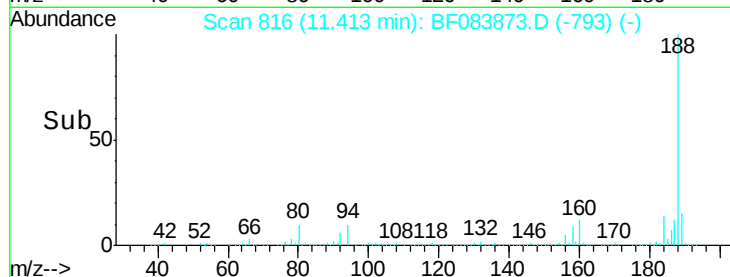
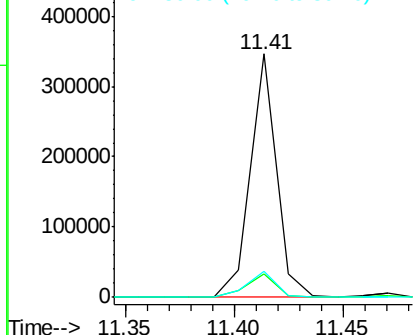
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Instrument :
BNA_F
ClientSampleId :
W-24

Tot Ion:188 Resp: 288602
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.5 10.6 16.0#

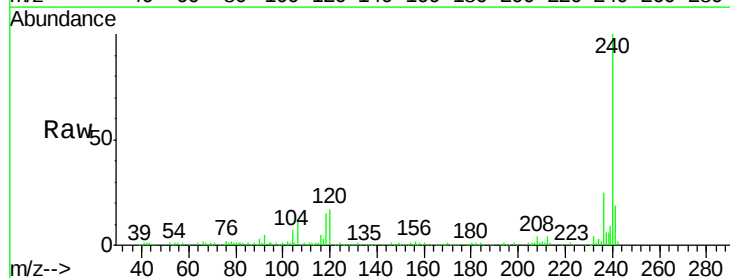


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

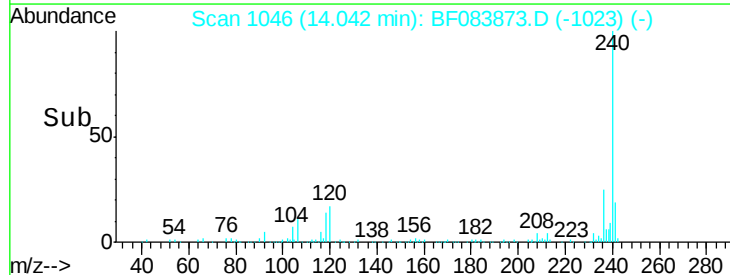
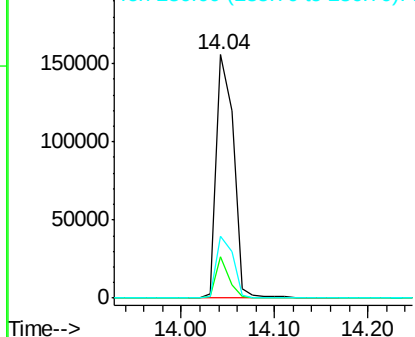


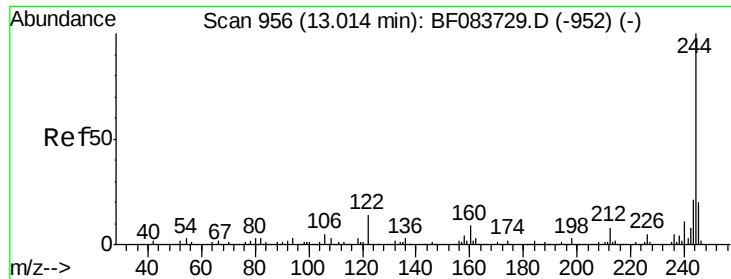
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083873.D
Acq: 17 Dec 2015 7:44

Tgt Ion:240 Resp: 199005
Ion Ratio Lower Upper
240 100
120 17.1 8.1 12.1#
236 25.3 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

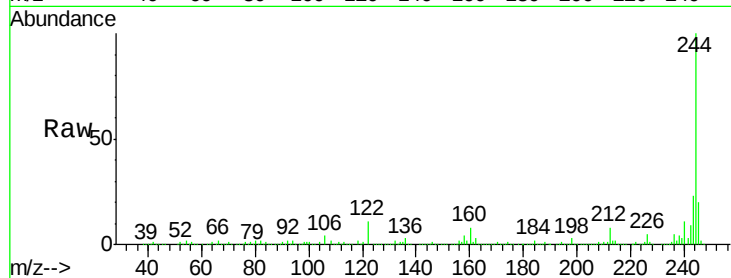




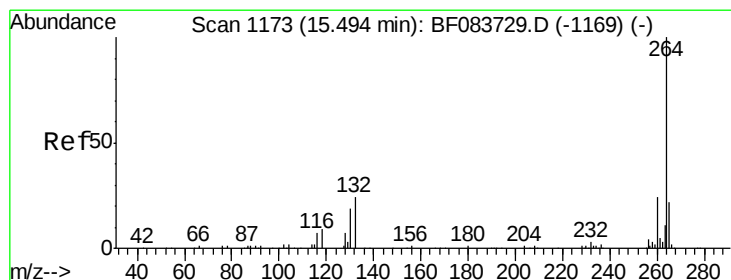
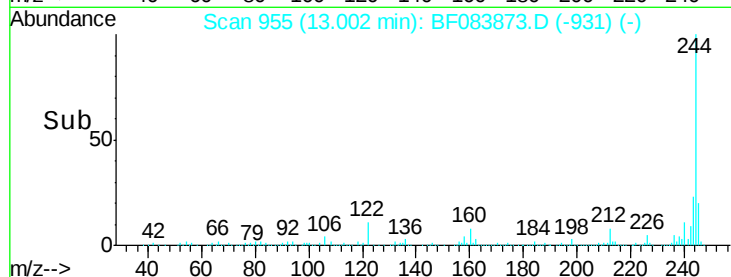
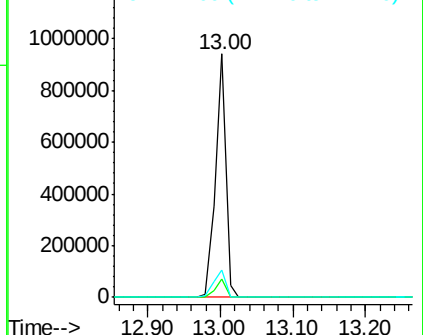
#78
 Terphenyl-d14
 Concen: 101.35 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083873.D
 Acq: 17 Dec 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Tot Ion:244 Resp: 937594
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 11.3 11.0 16.6

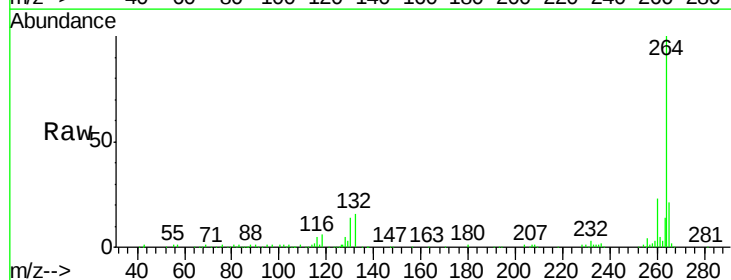


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083873.D
 Acq: 17 Dec 2015 7:44

Tgt Ion:264 Resp: 164533
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.0 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

