

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083273.D
 Acq On : 25 Nov 2015 14:57
 Operator : UM/IZ
 Sample : G4553-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

Quant Time: Nov 26 02:17:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	158841	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	629236	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	324821	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	620922	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	541184	20.00	ng	-0.08
86) Perylene-d12	15.07	264	413596	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	503092	47.88	ng	-0.10
7) Phenol-d6	6.25	99	426801	31.40	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1314045	95.42	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	287281	86.45	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1926932	82.72	ng	-0.07
78) Terphenyl-d14	12.69	244	1710071	74.41	ng	-0.08

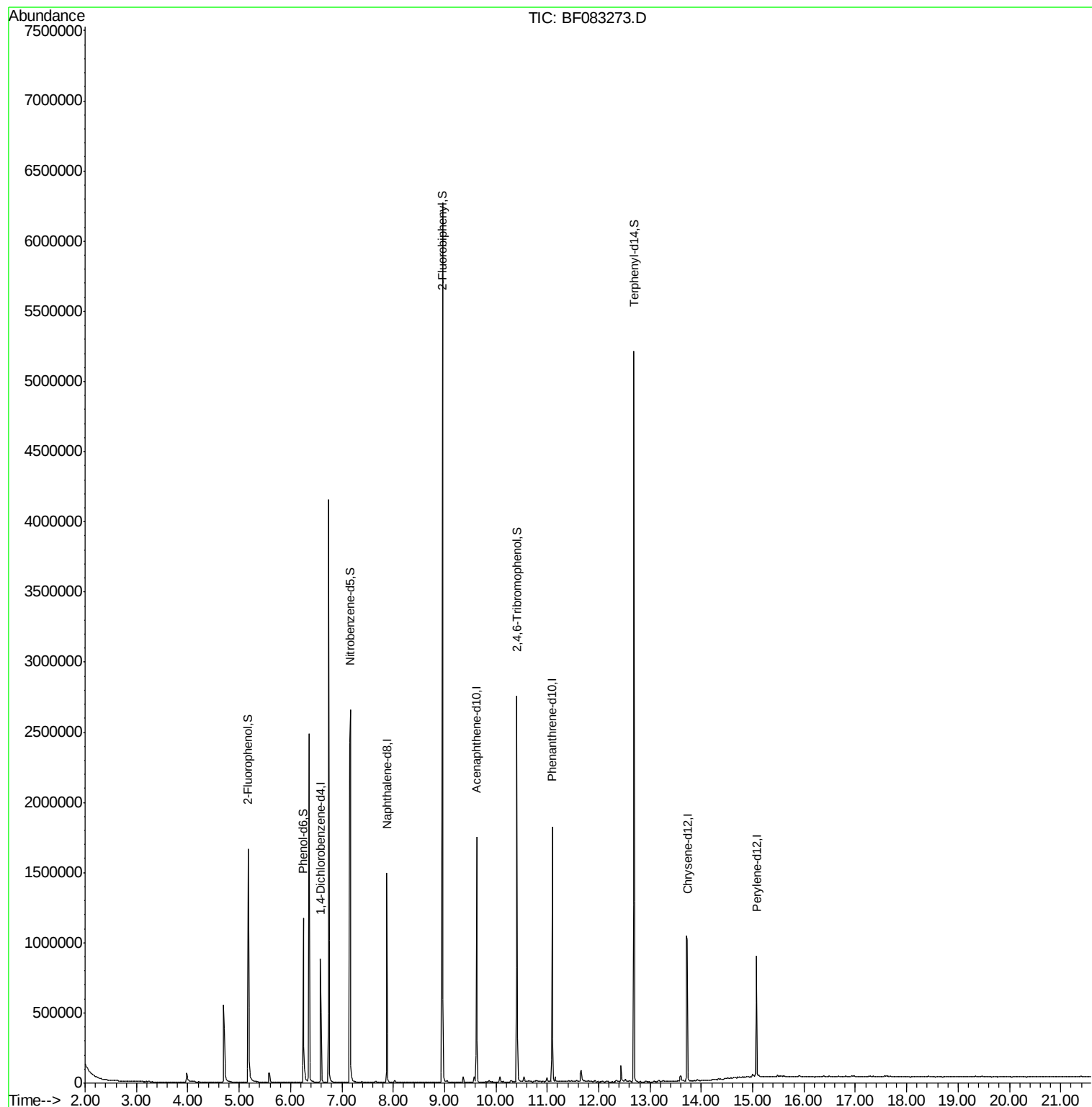
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 402

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

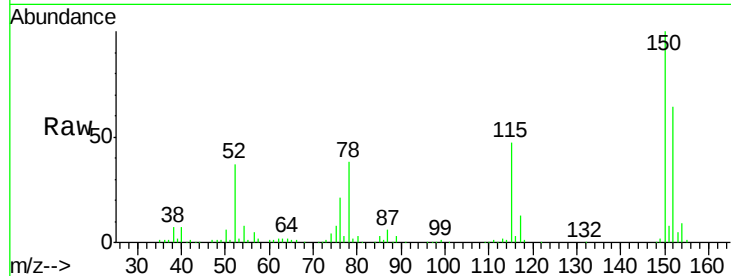
Tot Ion:152 Resp: 158841

Ion Ratio Lower Upper

152 100

150 157.2 125.8 188.8

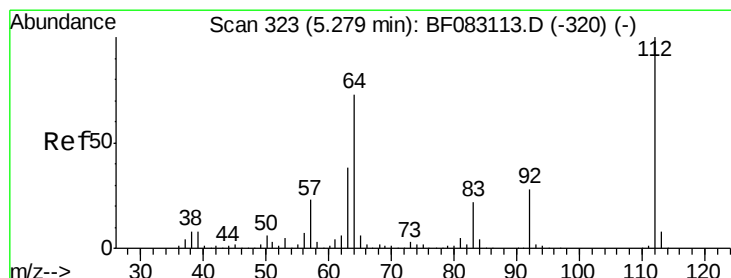
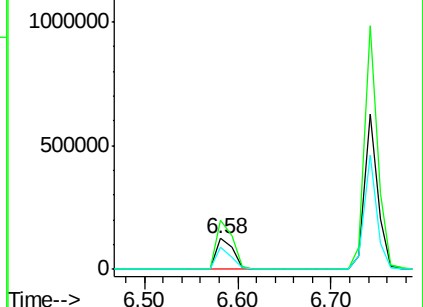
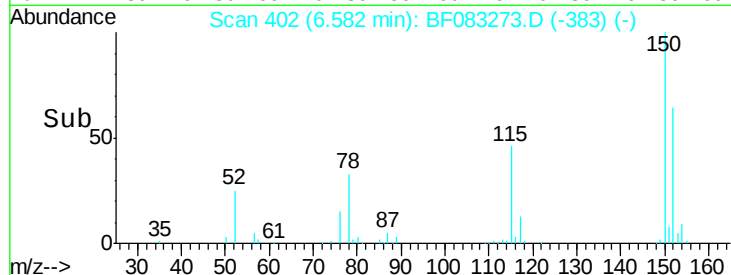
115 73.4 46.9 70.3#



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: 47.88 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

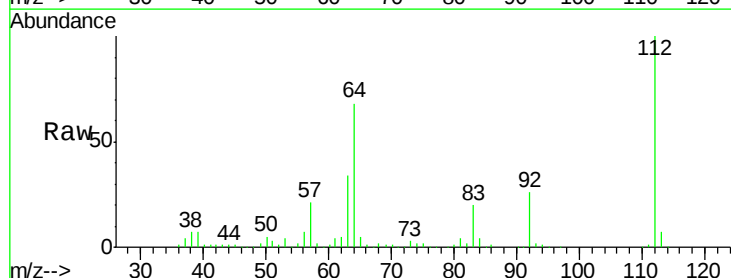
Tgt Ion:112 Resp: 503092

Ion Ratio Lower Upper

112 100

64 67.8 58.4 87.6

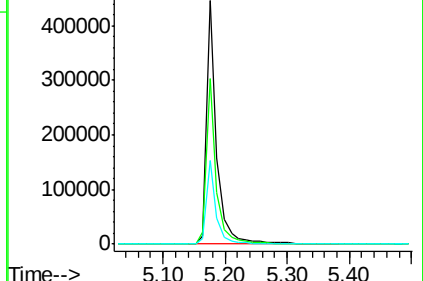
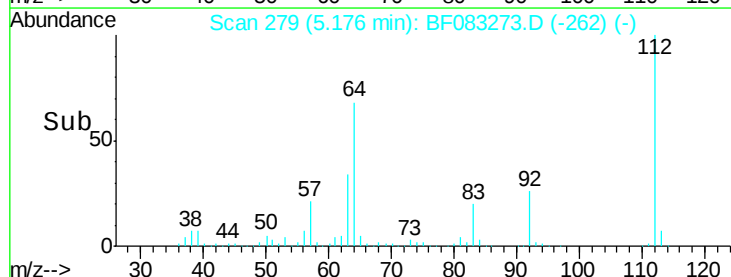
63 34.1 30.0 45.0

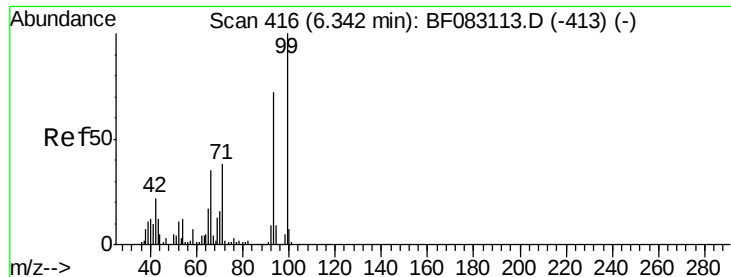


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.40 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

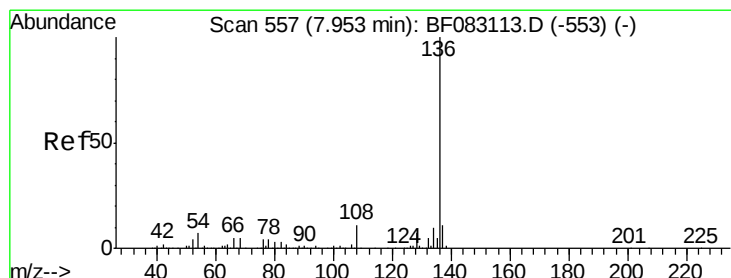
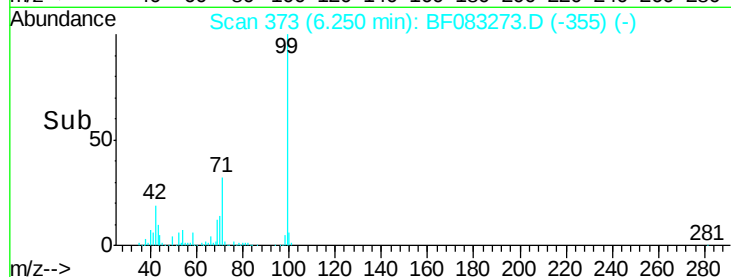
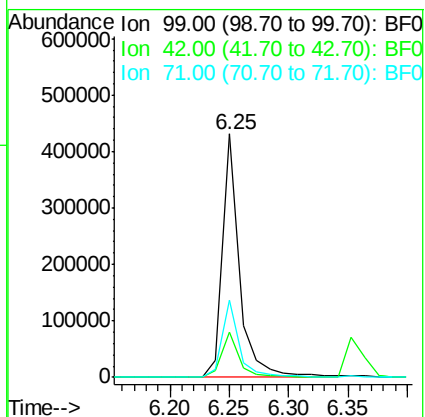
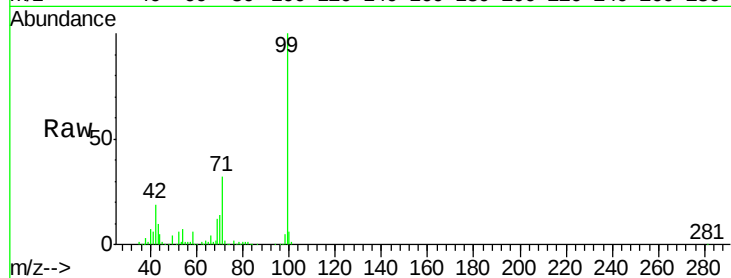
Tot Ion: 99 Resp: 426801

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

71 31.7 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Tgt Ion: 136 Resp: 629236

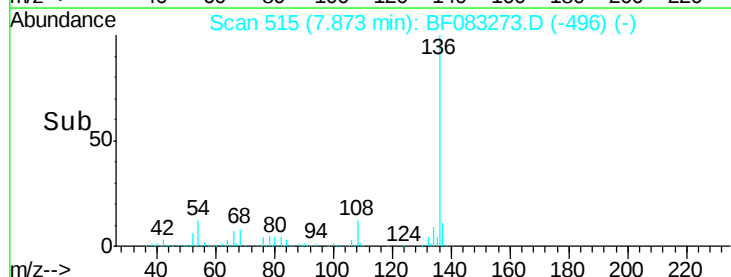
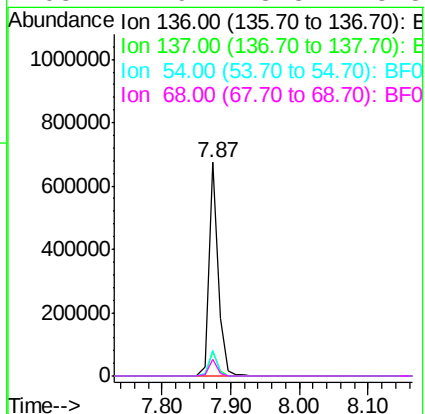
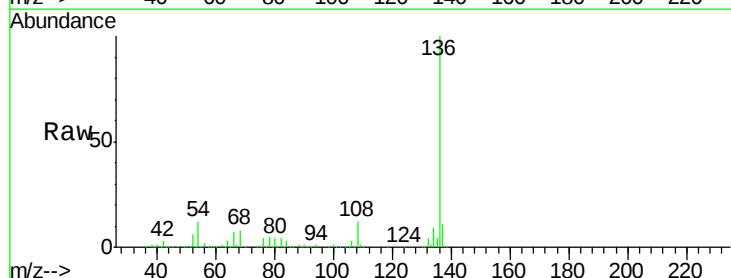
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 12.2 5.8 8.6#

68 7.9 3.8 5.8#

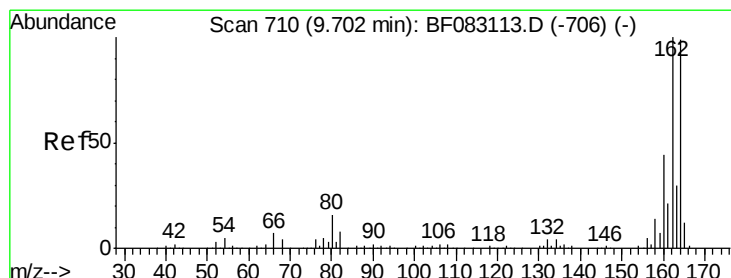
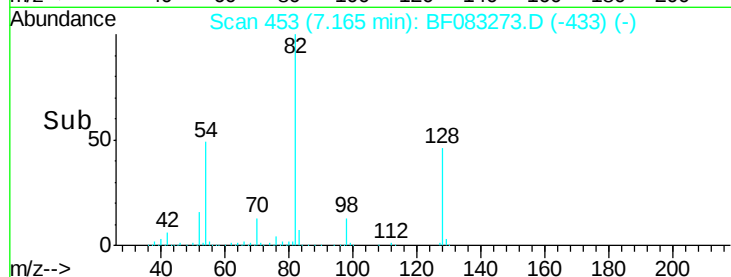
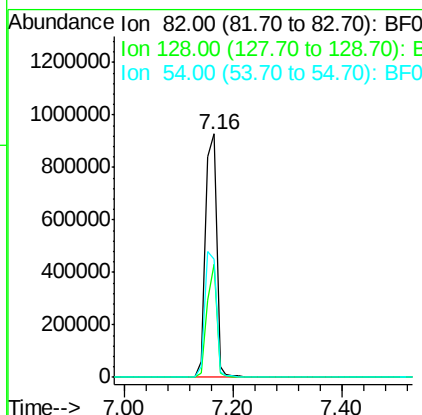
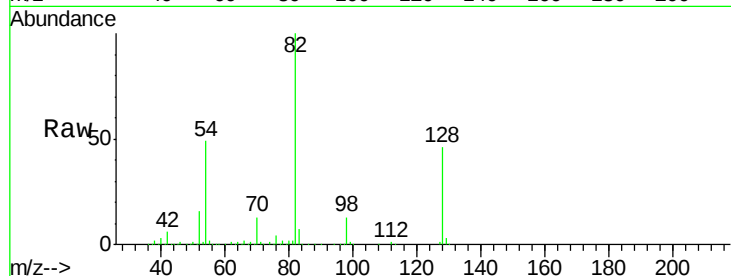




#23
 Nitrobenzene-d5
 Concen: 95.42 ng
 RT: 7.16 min Scan# 453
 Delta R.T. -0.07 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

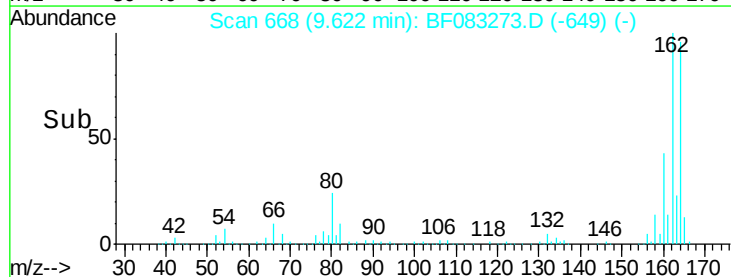
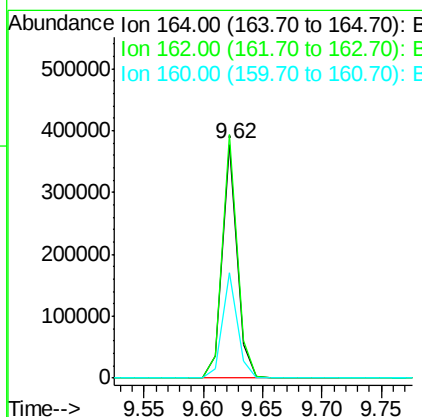
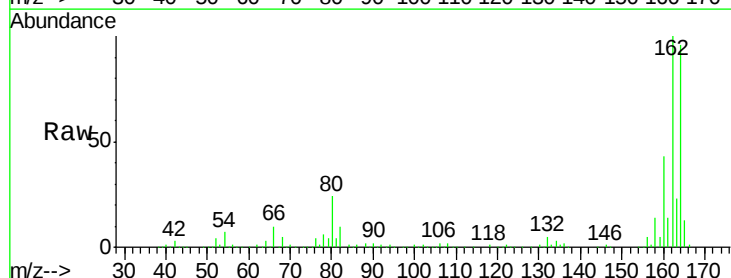
Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

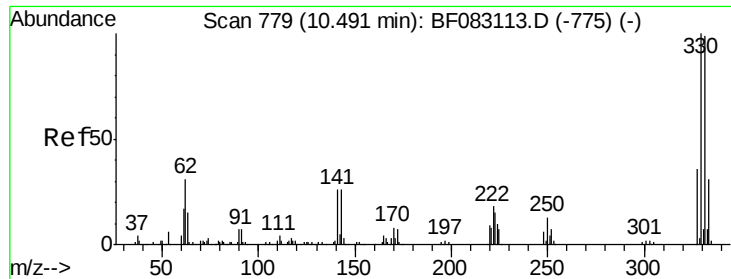
Tot Ion: 82 Resp: 1314045
 Ion Ratio Lower Upper
 82 100
 128 46.3 28.5 42.7#
 54 48.8 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.08 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion: 164 Resp: 324821
 Ion Ratio Lower Upper
 164 100
 162 104.1 81.2 121.8
 160 44.9 35.6 53.4

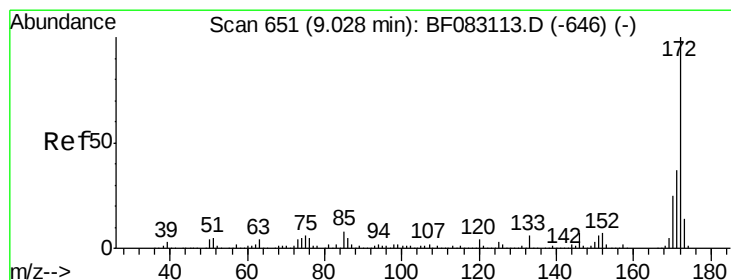
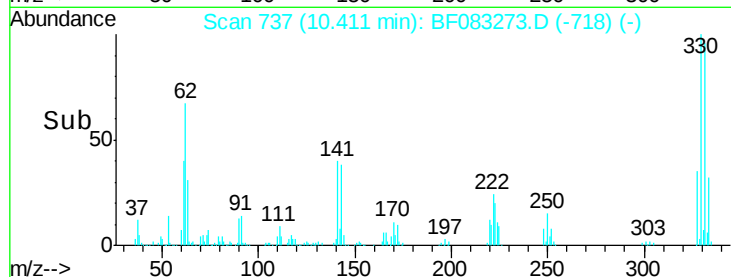
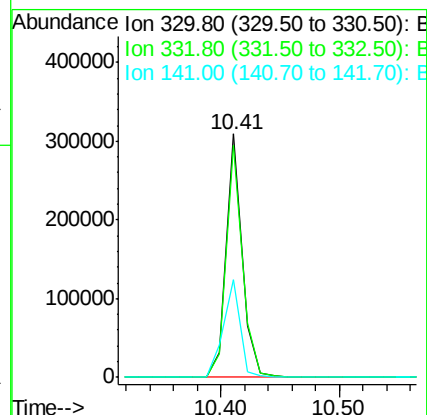
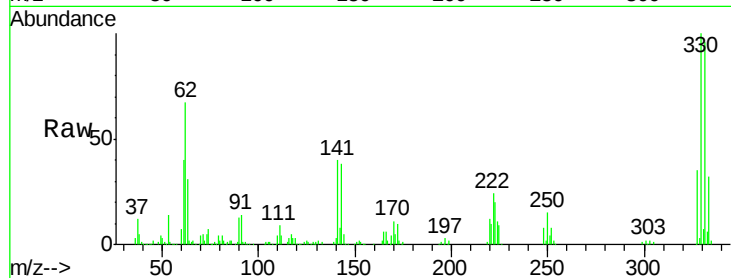




#41
 2,4,6-Tribromophenol
 Concen: 86.45 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

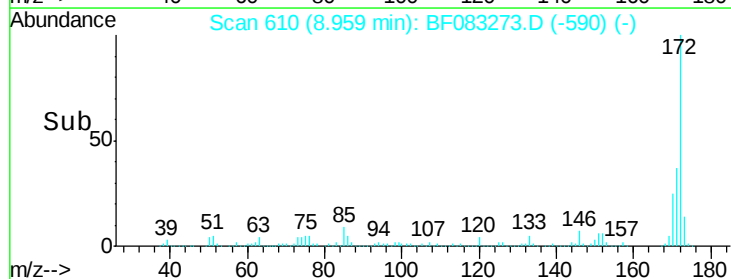
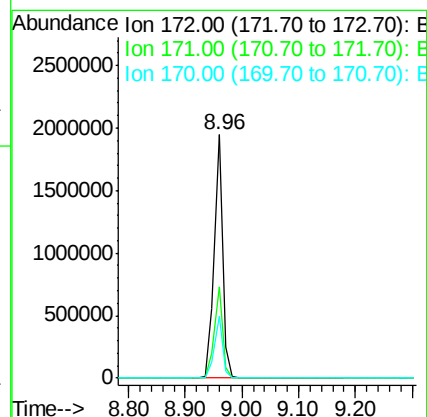
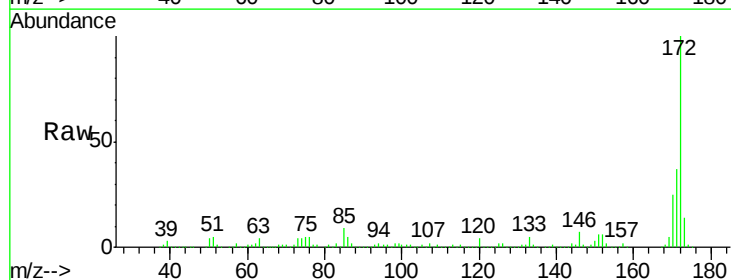
Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	42.0	29.7	44.5



#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.5	44.3
170	25.4	19.9	29.9

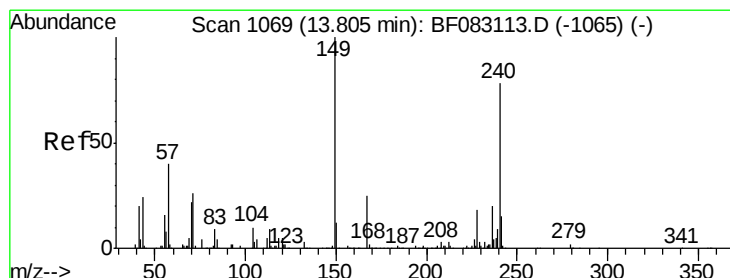
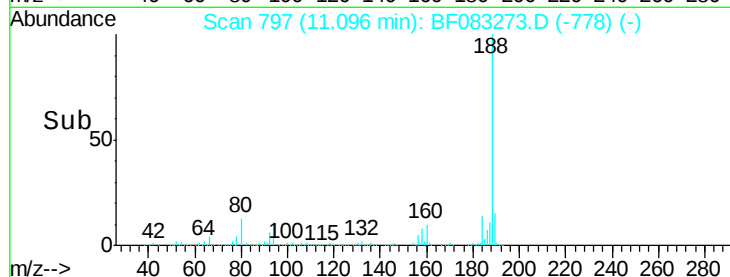
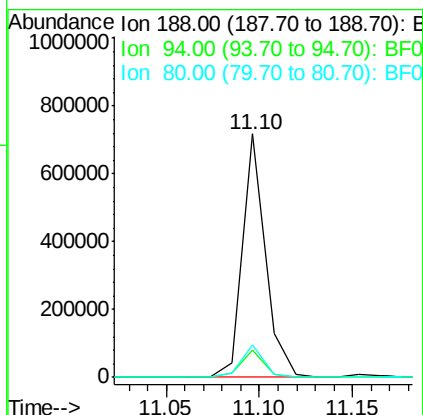
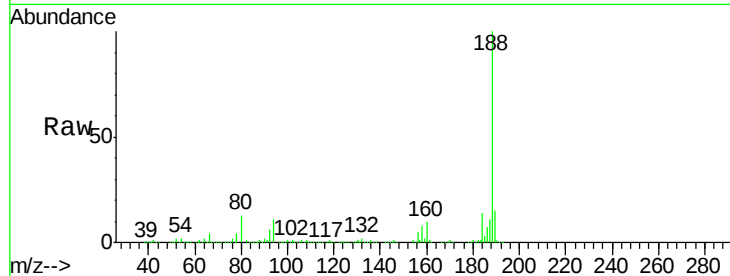




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083273.D
Acq: 25 Nov 2015 14:57

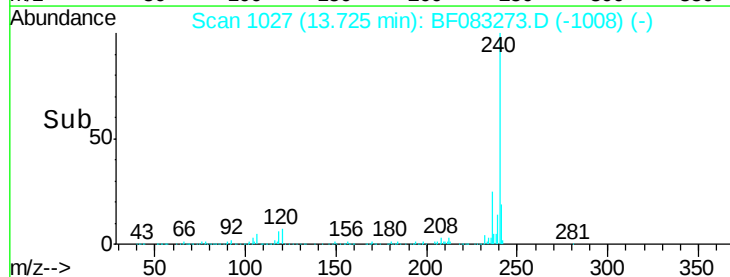
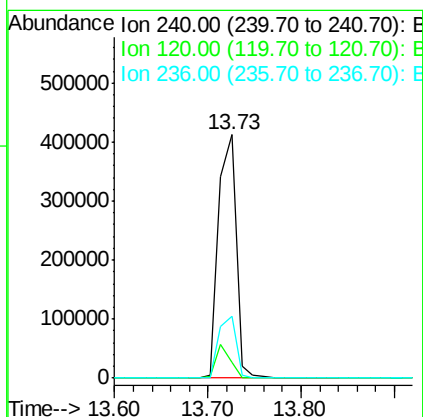
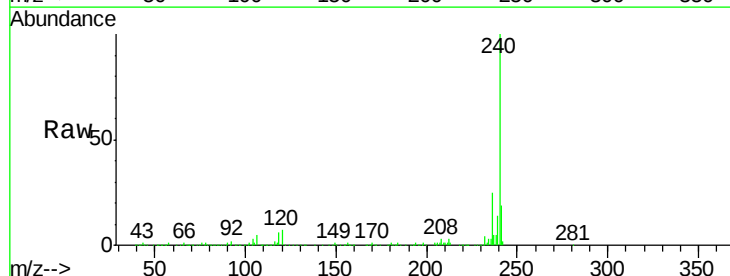
Instrument :
BNA_F
ClientSampleId :
112115-A263-E-D-B

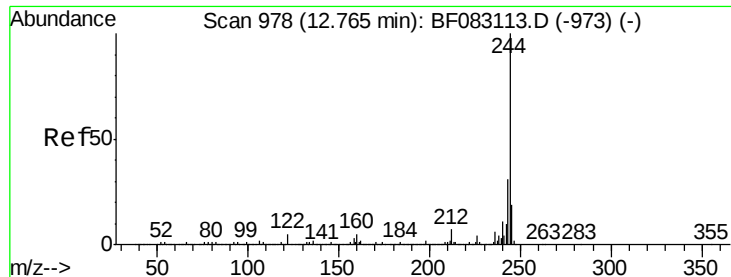
Tot Ion:188 Resp: 620922
Ion Ratio Lower Upper
188 100
94 11.3 6.0 9.0#
80 13.2 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083273.D
Acq: 25 Nov 2015 14:57

Tgt Ion:240 Resp: 541184
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.2
236 25.3 20.6 31.0





#78

Terphenyl-d14

Concen: 74.41 ng

RT: 12.69 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

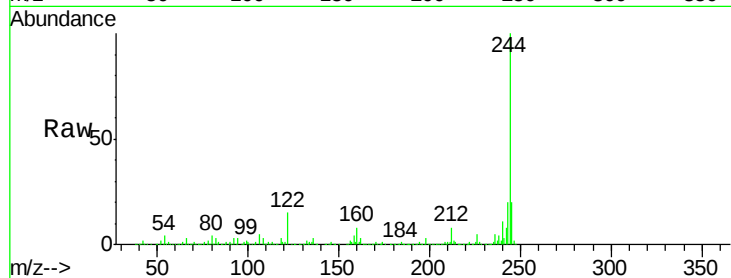
Tot Ion:244 Resp: 1710071

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

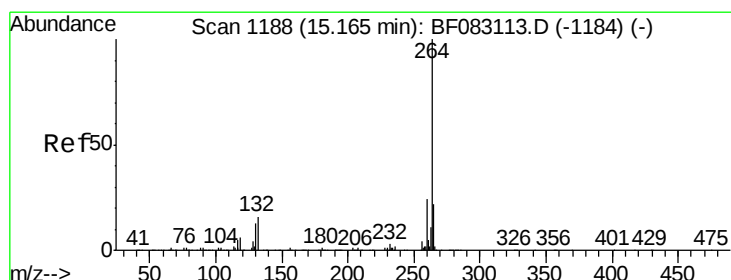
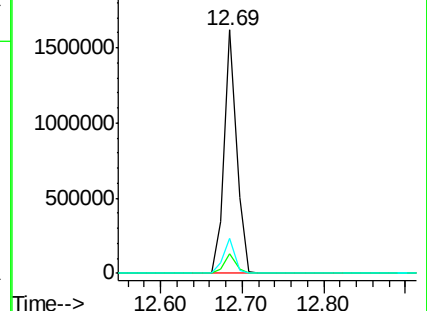
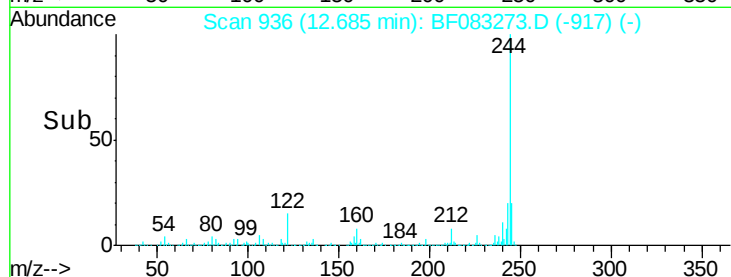
122 14.6 4.3 6.5#



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: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

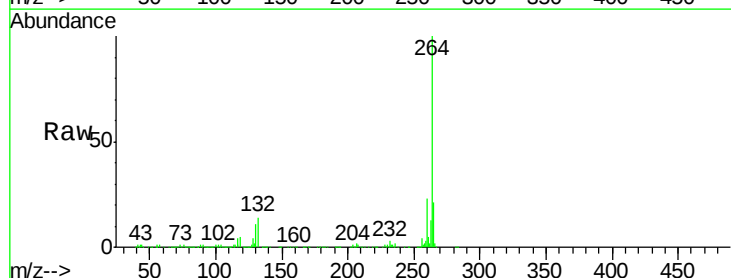
Tgt Ion:264 Resp: 413596

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 20.6 18.2 27.4



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

