

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088111.D
 Acq On : 18 Jun 2016 00:41
 Operator : UM/SJ
 Sample : H3542-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Jun 18 01:18:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

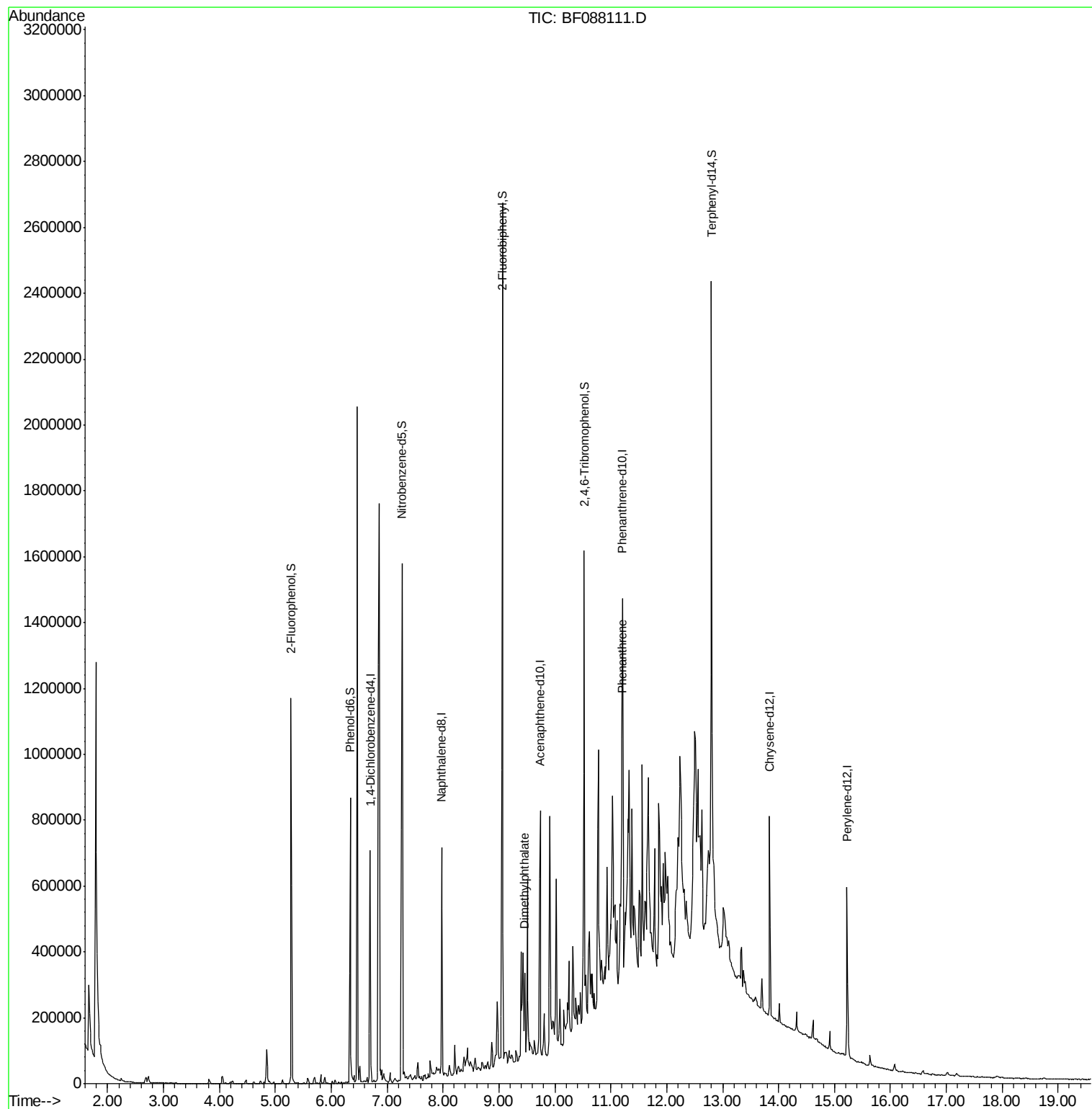
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110571	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	426695	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	195588	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	308349	20.00	ng	0.00
75) Chrysene-d12	13.84	240	230041	20.00	ng	-0.01
86) Perylene-d12	15.22	264	209826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	416030	64.32	ng	0.00
7) Phenol-d6	6.34	99	365021	46.57	ng	-0.01
23) Nitrobenzene-d5	7.27	82	597013	81.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	200228	96.95	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	936317	74.52	ng	-0.01
78) Terphenyl-d14	12.80	244	651502	64.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	96424	6.81	ng	99
70) Phenanthrene	11.20	178	54805	3.39	ng	# 79

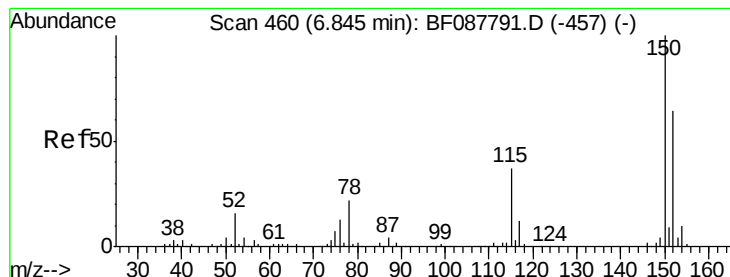
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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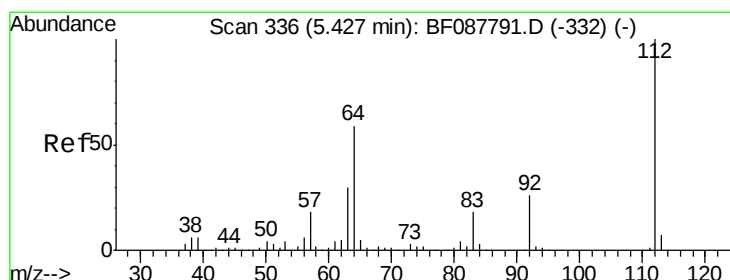
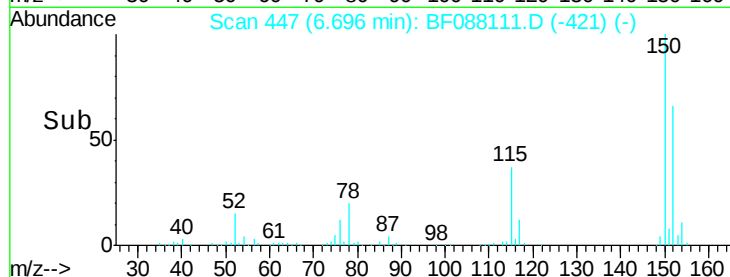
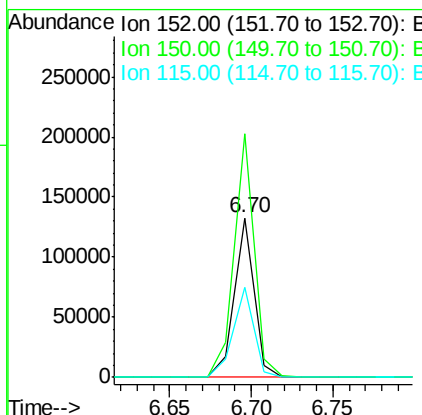
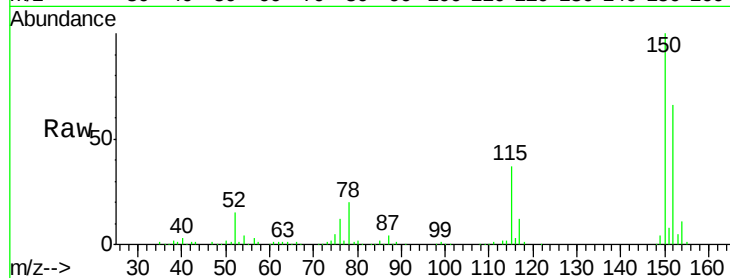


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088111.D
Acq: 18 Jun 2016 00:41

Instrument :
BNA_F
ClientSampled :
MW-23

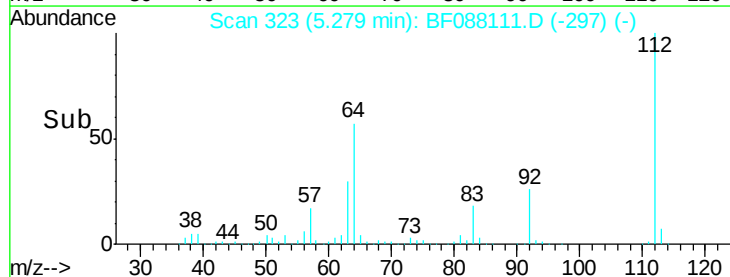
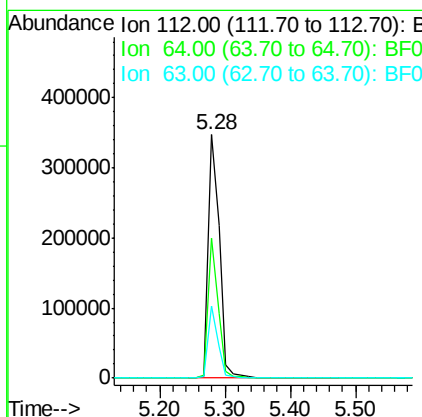
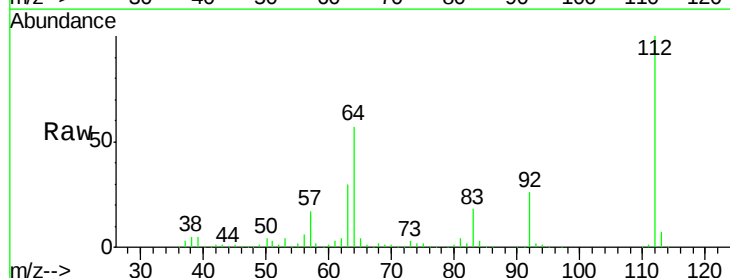
Tot Ion:152 Resp: 110571
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 56.3 39.6 59.4



#5

2-Fluorophenol
Concen: 64.32 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.00 min
Lab File: BF088111.D
Acq: 18 Jun 2016 00:41

Tgt Ion:112 Resp: 416030
Ion Ratio Lower Upper
112 100
64 57.4 42.2 63.2
63 29.5 21.8 32.8





#7

Phenol-d6

Concen: 46.57 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

Instrument :

BNA_F

ClientSampleId :

MW-23

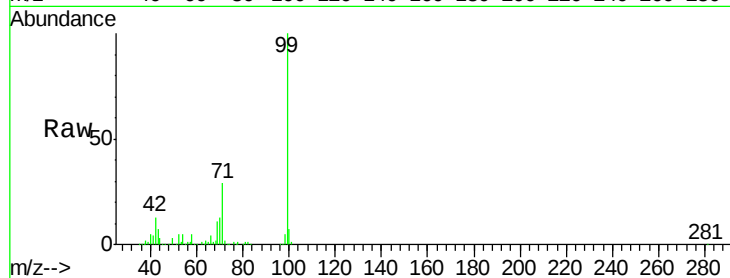
Tot Ion: 99 Resp: 365021

Ion Ratio Lower Upper

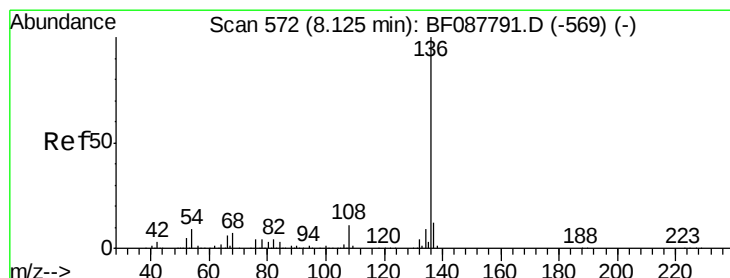
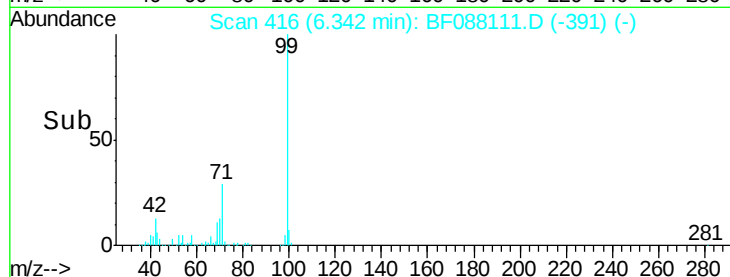
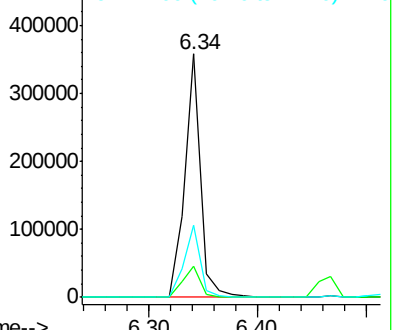
99 100

42 12.9 12.2 18.2

71 29.4 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

Tgt Ion: 136 Resp: 426695

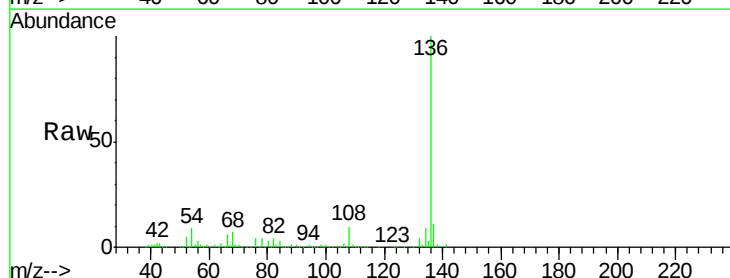
Ion Ratio Lower Upper

136 100

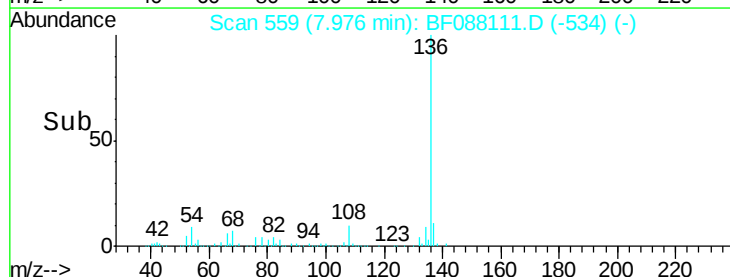
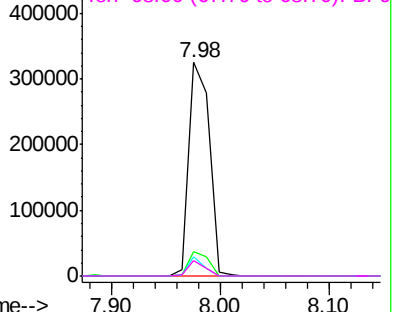
137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 7.2 5.1 7.7



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

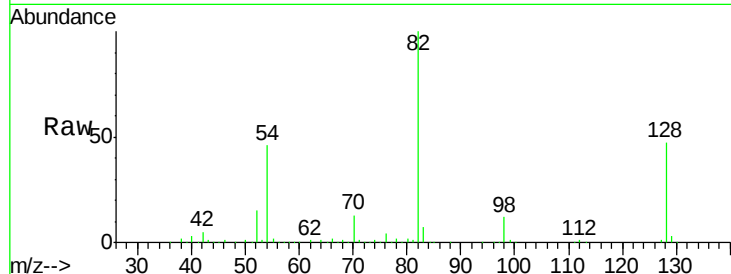




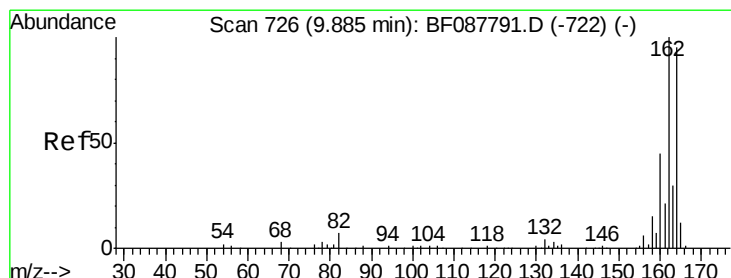
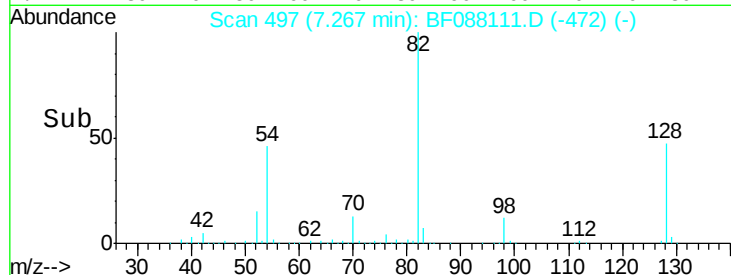
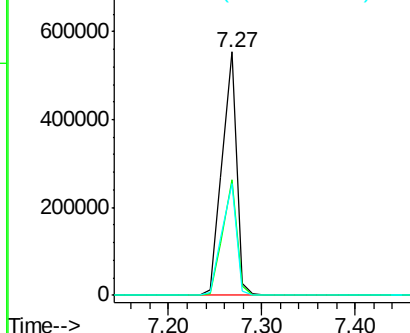
#23
 Nitrobenzene-d5
 Concen: 81.70 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088111.D
 Acq: 18 Jun 2016 00:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Tot Ion	82	Resp	597013
Ion Ratio	Lower	Upper	
82	100		
128	47.3	35.9	53.9
54	46.0	40.9	61.3

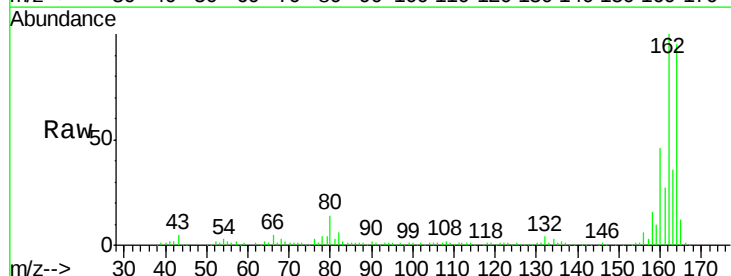


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

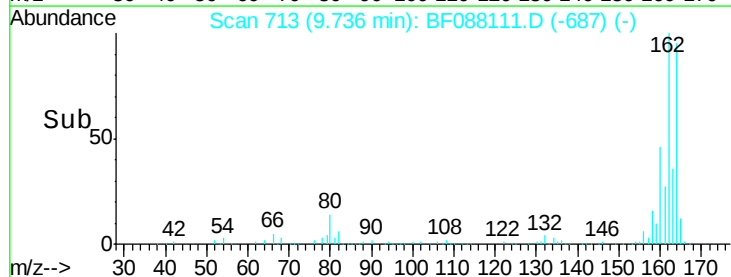
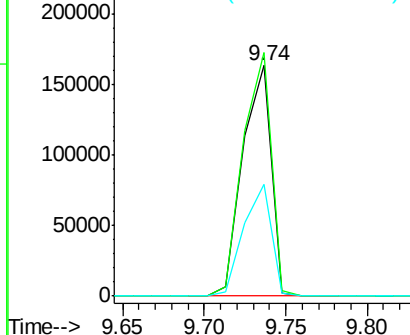


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088111.D
 Acq: 18 Jun 2016 00:41

Tgt Ion	164	Resp	195588
Ion Ratio	Lower	Upper	
164	100		
162	105.6	85.4	128.2
160	48.3	39.5	59.3



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

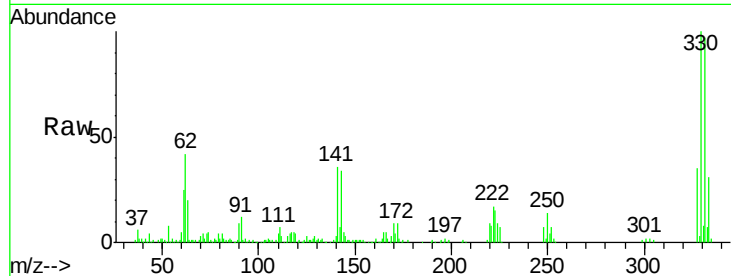




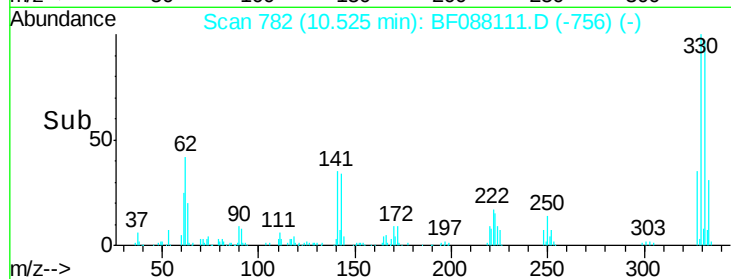
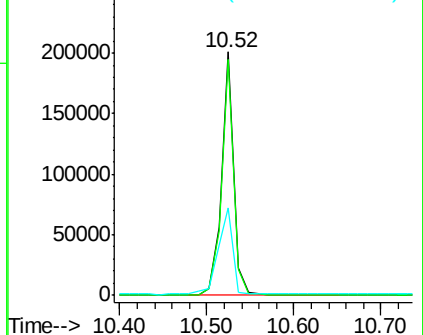
#41
 2,4,6-Tribromophenol
 Concen: 96.95 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088111.D
 Acq: 18 Jun 2016 00:41

Instrument :
 BNA_F
 ClientSampled :
 MW-23

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	42.7	0.0	0.0#

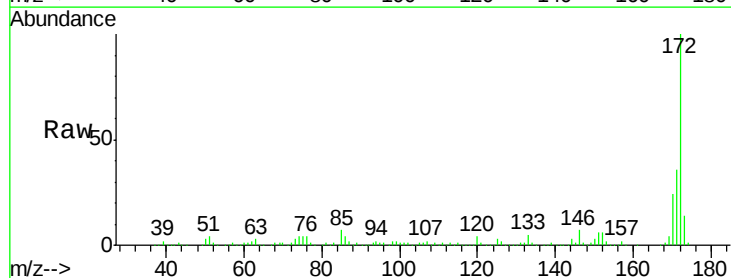


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

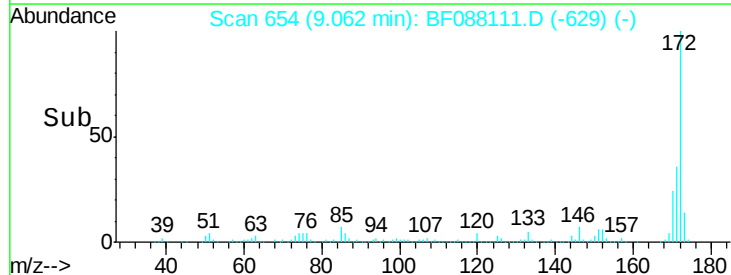
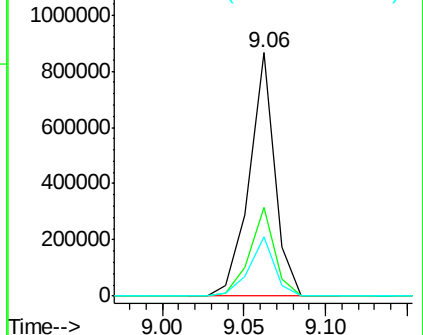


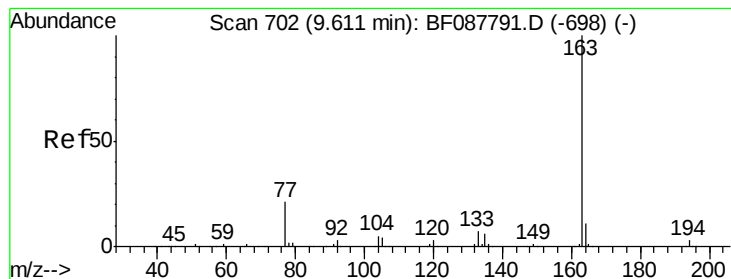
#44
 2-Fluorobiphenyl
 Concen: 74.52 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088111.D
 Acq: 18 Jun 2016 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8



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





#49

Dimethylphthalate

Concen: 6.81 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

Instrument :

BNA_F

ClientSampleId :

MW-23

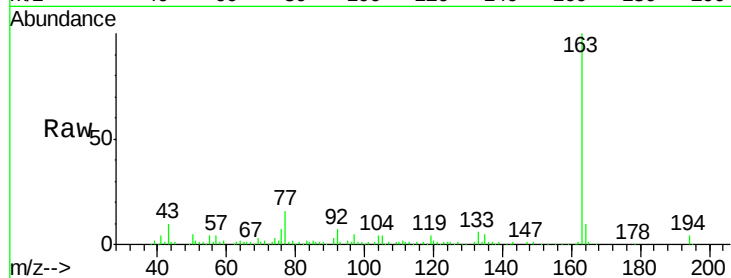
Tot Ion:163 Resp: 96424

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

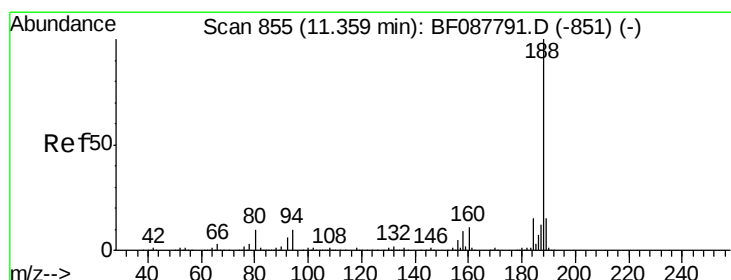
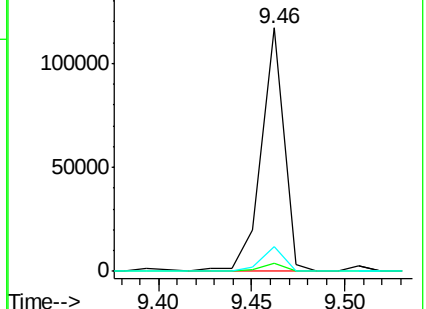
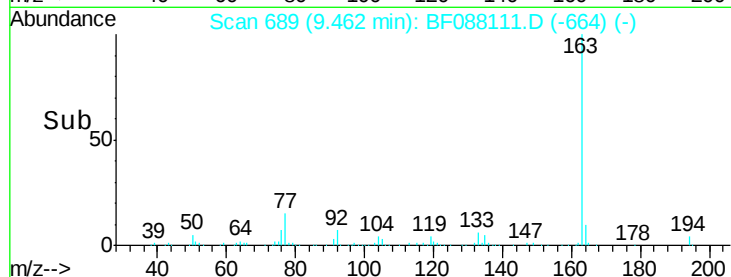
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

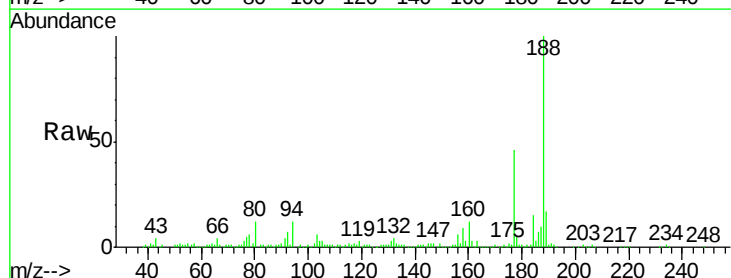
Tgt Ion:188 Resp: 308349

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.6

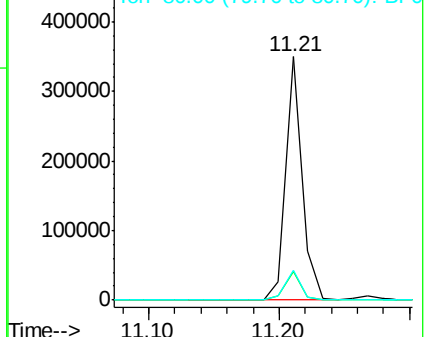
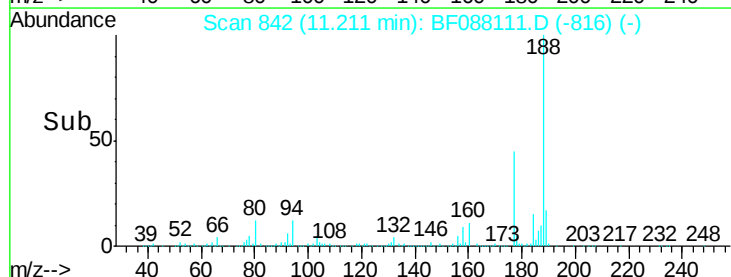
80 12.2 10.0 15.0

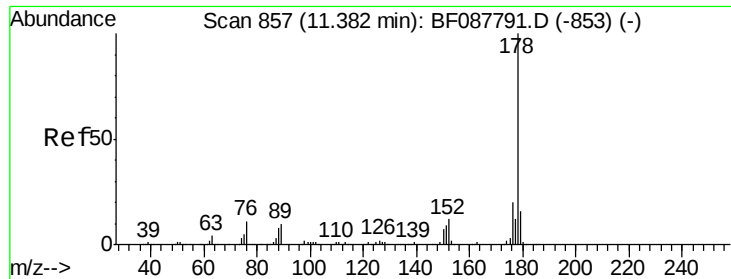


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

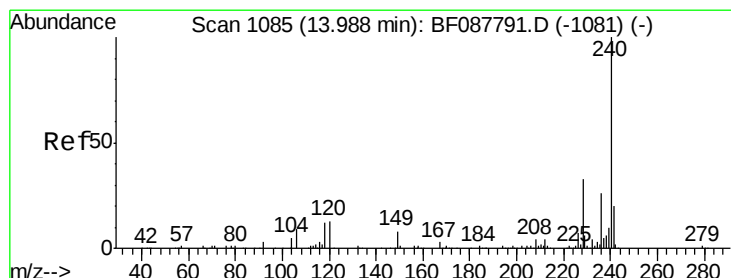
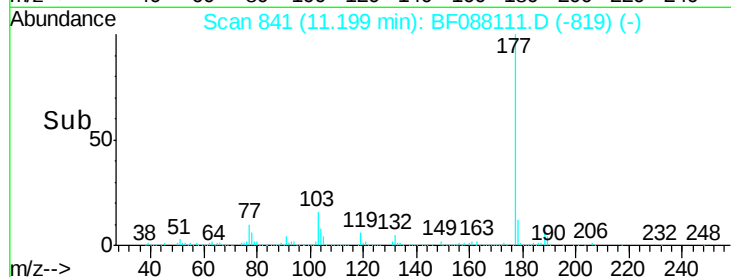
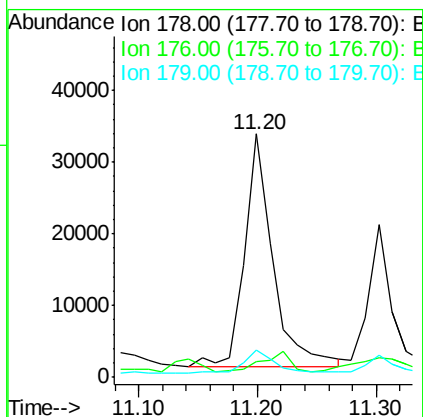
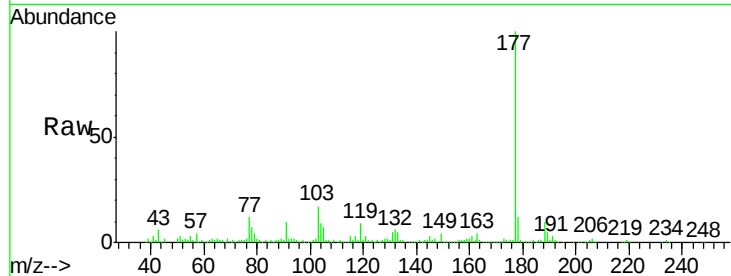




#70
Phenanthrene
Concen: 3.39 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF088111.D
Acq: 18 Jun 2016 00:41

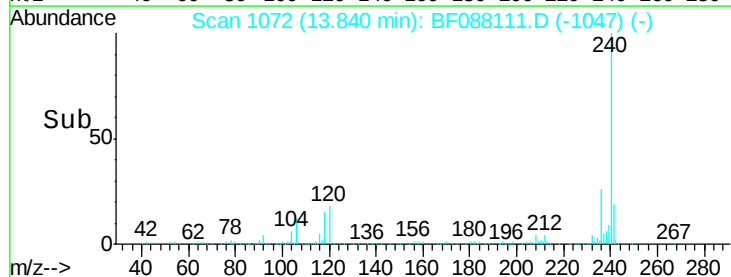
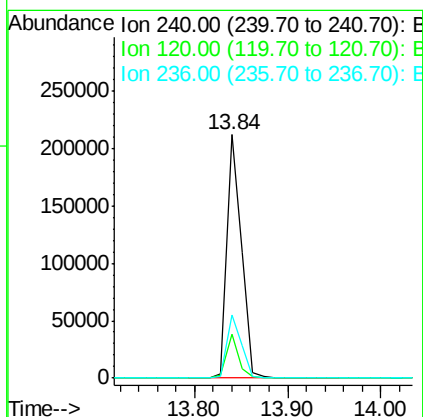
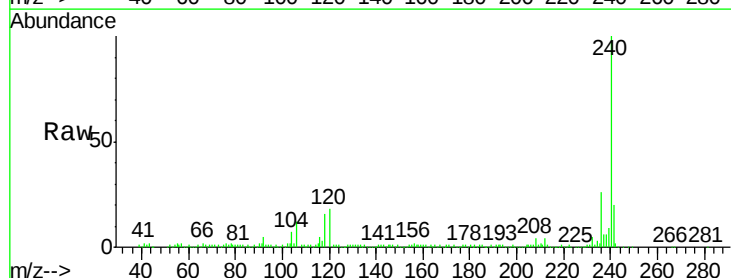
Instrument :
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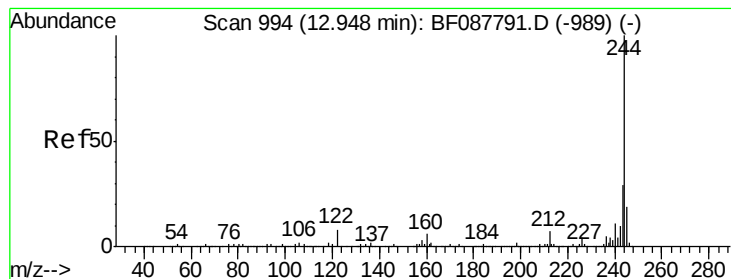
Tot Ion:178 Resp: 54805
Ion Ratio Lower Upper
178 100
176 6.6 15.8 23.6#
179 11.0 13.0 19.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088111.D
Acq: 18 Jun 2016 00:41

Tgt Ion:240 Resp: 230041
Ion Ratio Lower Upper
240 100
120 17.8 6.8 10.2#
236 25.9 20.2 30.2





#78

Terphenyl-d14

Concen: 64.45 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

Instrument :

BNA_F

ClientSampleId :

MW-23

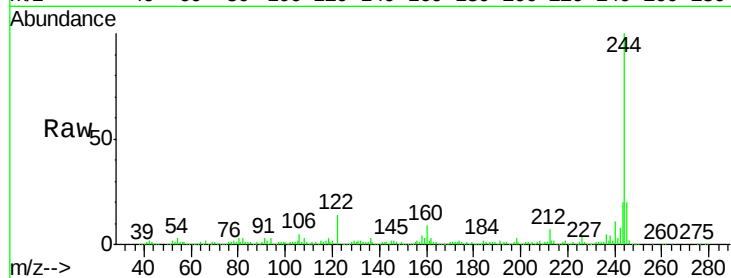
Tot Ion:244 Resp: 651502

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

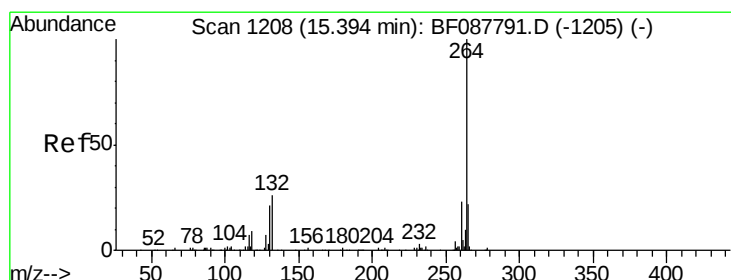
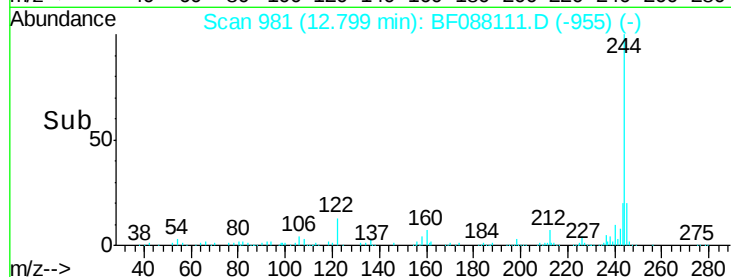
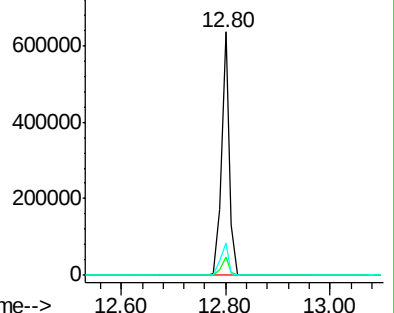
122 13.5 11.2 16.8



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: 15.22 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF088111.D

Acq: 18 Jun 2016 00:41

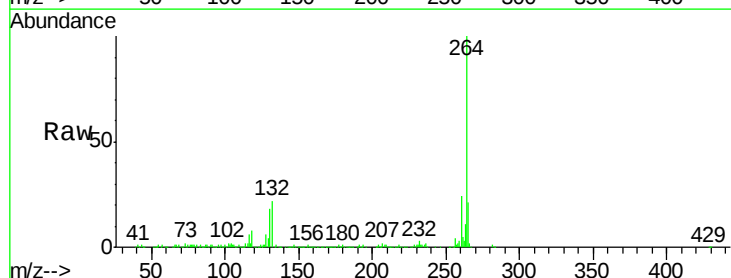
Tgt Ion:264 Resp: 209826

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 16.9 25.3



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

