

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078615.D
 Acq On : 17 Apr 2015 20:35
 Operator : TP/IZ
 Sample : G1871-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Quant Time: Apr 18 00:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:02:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	45306	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	189044	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	96927	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	199263	20.00	ng	0.00
75) Chrysene-d12	15.46	240	222950	20.00	ng	0.00
86) Perylene-d12	17.19	264	221331	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	142447	51.84	ng	-0.01
7) Phenol-d6	6.27	99	113042	32.83	ng	-0.01
23) Nitrobenzene-d5	7.38	82	260836	83.63	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	113637	141.36	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	504289	74.37	ng	0.00
78) Terphenyl-d14	14.21	244	674660	68.38	ng	0.00

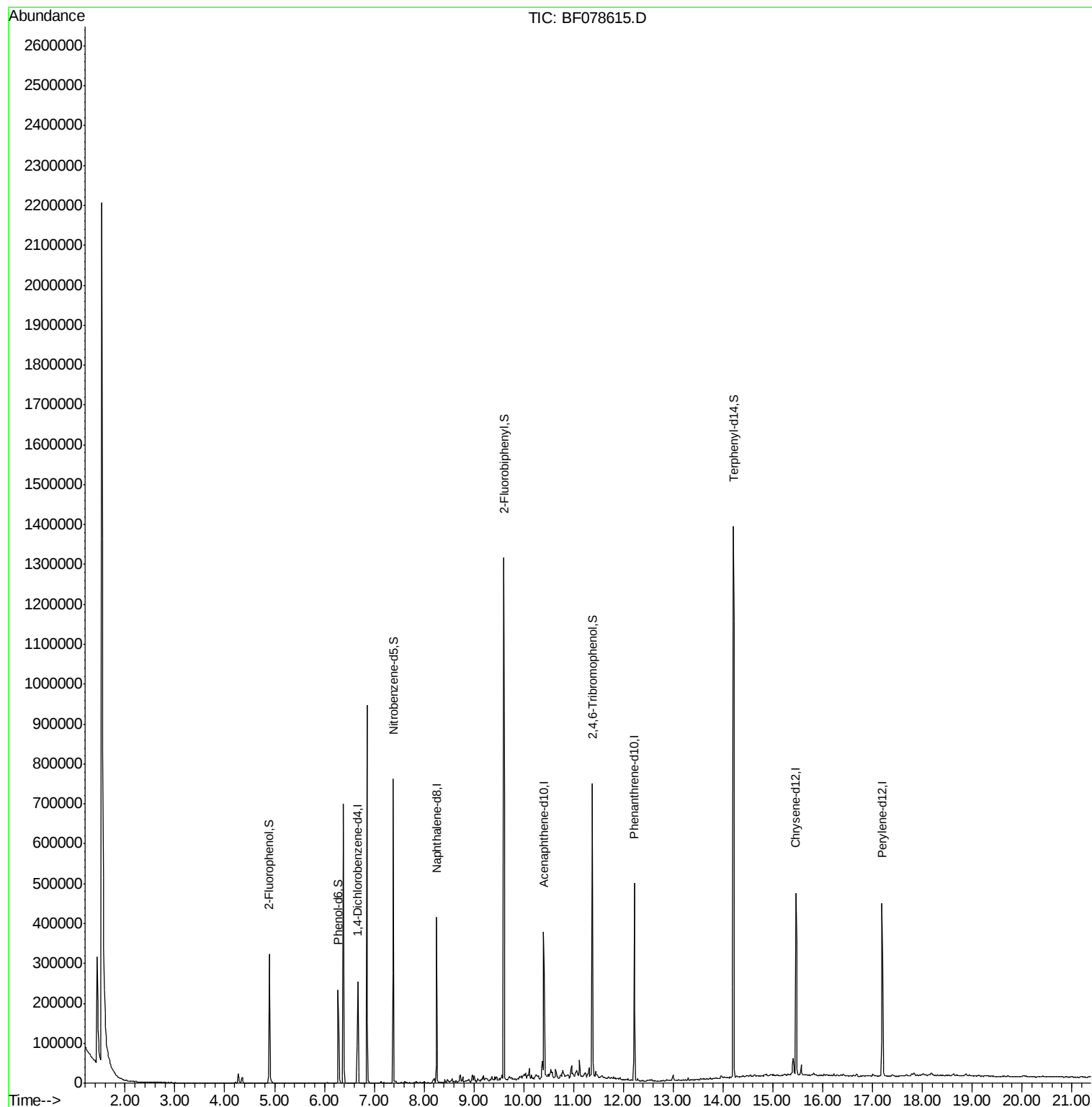
Target Compounds Qvalue

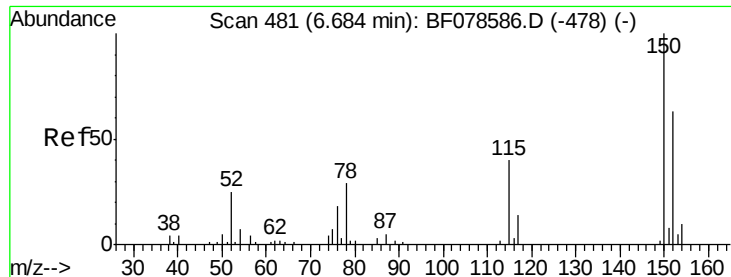
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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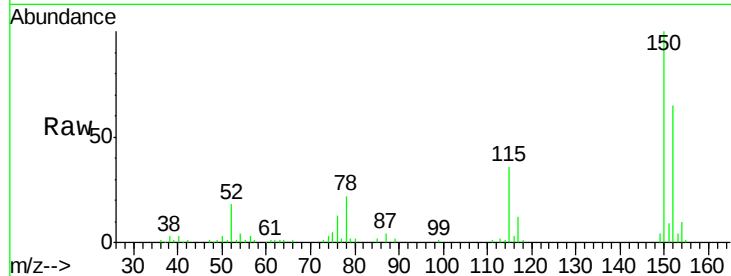


#1

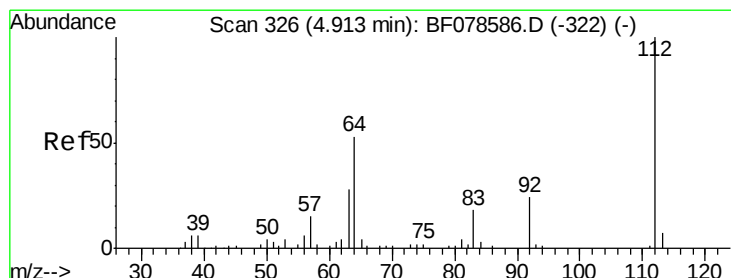
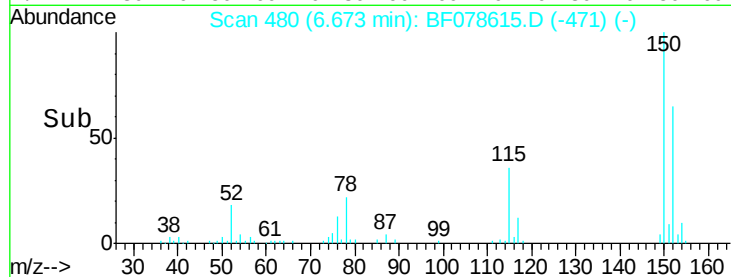
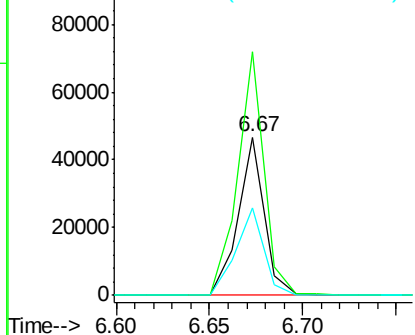
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-45

Tot Ion:152 Resp: 45306
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 55.5 52.7 79.1



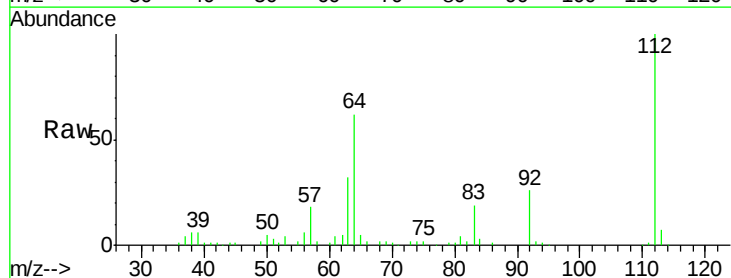
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



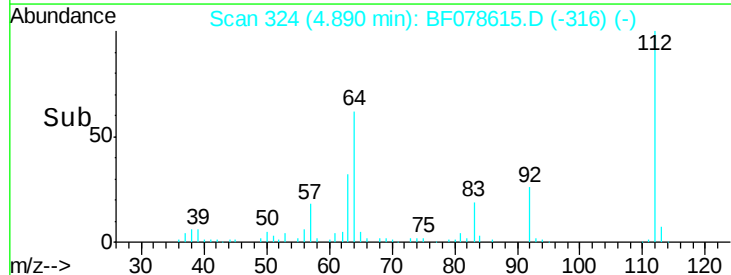
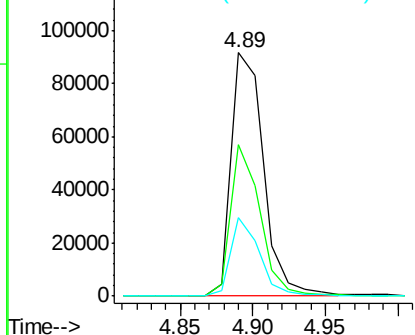
#5

2-Fluorophenol
Concen: 51.84 ng
RT: 4.89 min Scan# 324
Delta R.T. -0.01 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

Tgt Ion:112 Resp: 142447
Ion Ratio Lower Upper
112 100
64 62.2 39.9 59.9#
63 32.1 20.2 30.4#



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: 32.83 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078615.D

Acq: 17 Apr 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-45

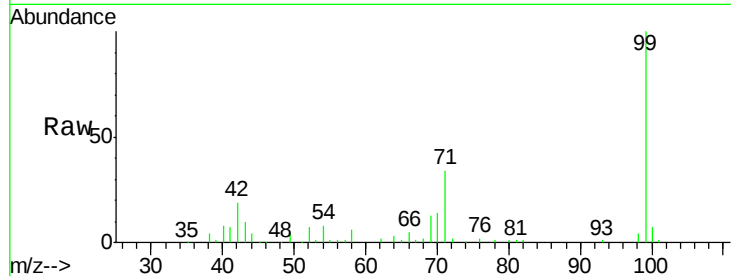
Tot Ion: 99 Resp: 113042

Ion Ratio Lower Upper

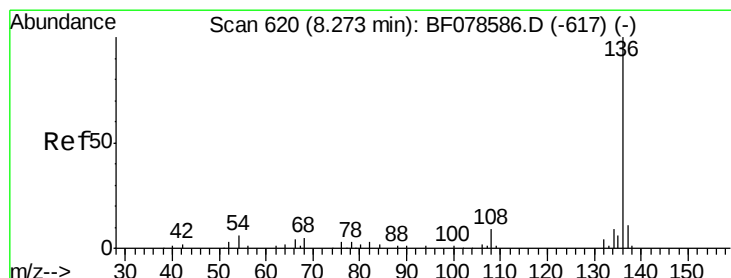
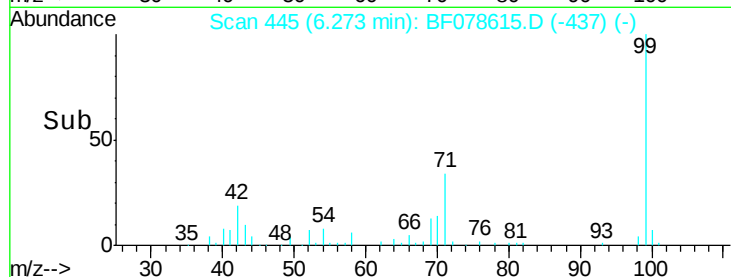
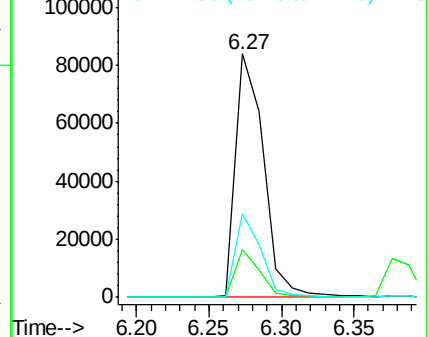
99 100

42 19.5 14.8 22.2

71 34.2 26.6 39.8



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: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF078615.D

Acq: 17 Apr 2015 20:35

Tgt Ion: 136 Resp: 189044

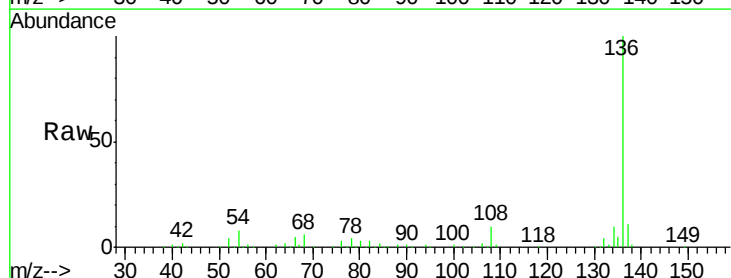
Ion Ratio Lower Upper

136 100

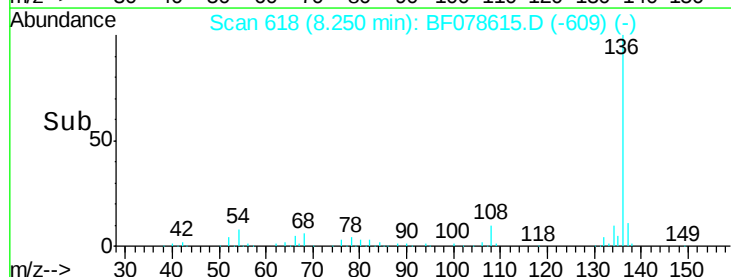
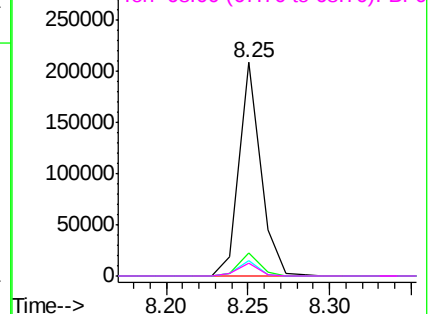
137 10.6 9.0 13.4

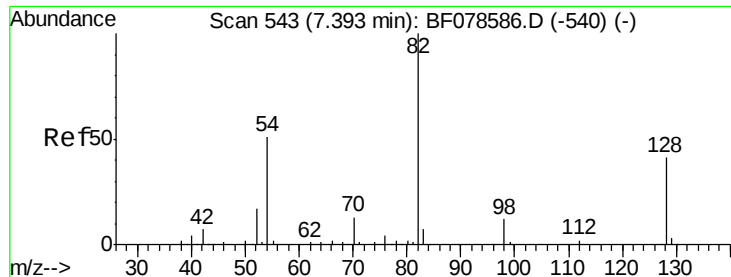
54 7.5 7.0 10.6

68 6.0 5.4 8.2



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

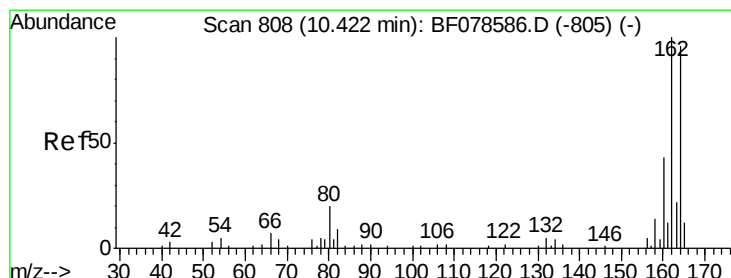
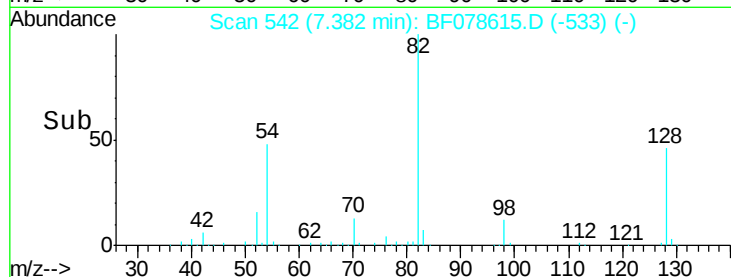
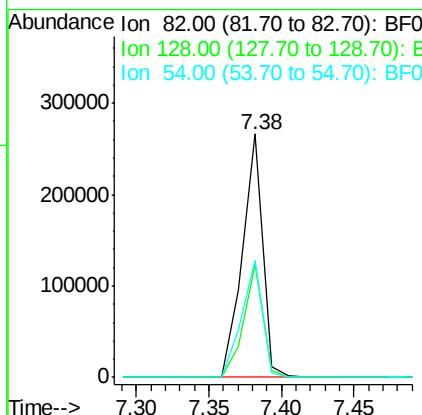
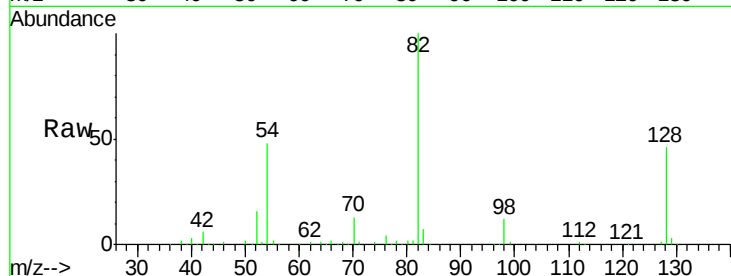




#23
Nitrobenzene-d5
Concen: 83.63 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

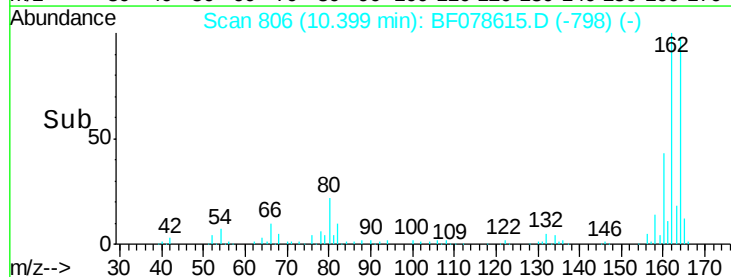
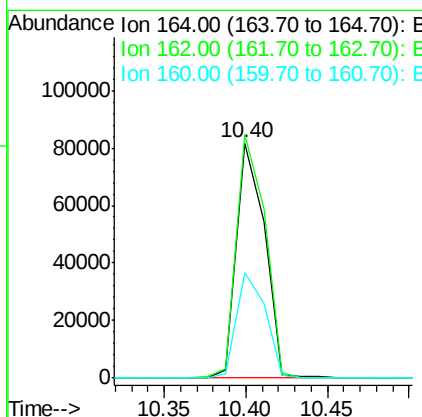
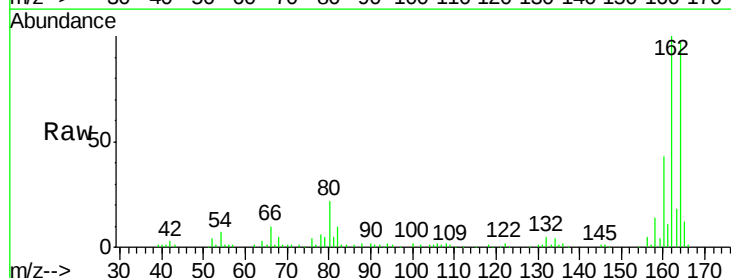
Instrument :
BNA_F
ClientSampleId :
MW-45

Tot Ion: 82 Resp: 260836
Ion Ratio Lower Upper
82 100
128 46.3 31.8 47.8
54 48.2 41.5 62.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

Tgt Ion:164 Resp: 96927
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.2
160 44.9 34.7 52.1

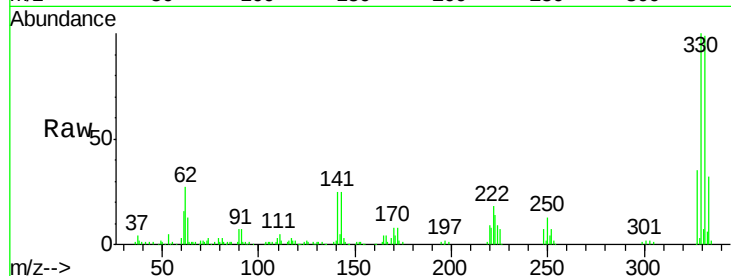




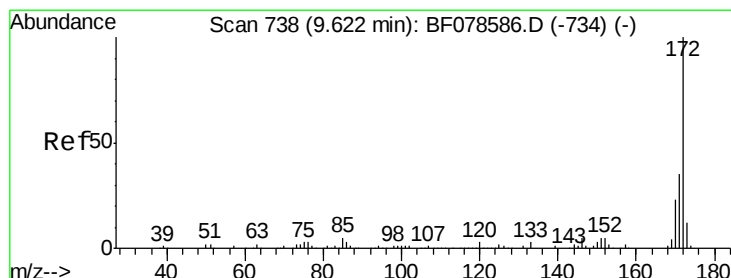
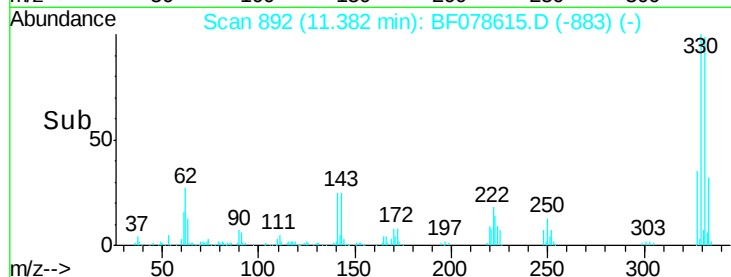
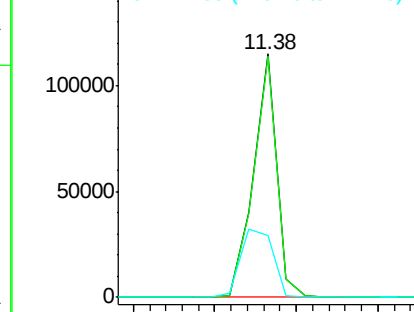
#41
 2,4,6-Tribromophenol
 Concen: 141.36 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078615.D
 Acq: 17 Apr 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	78.6	117.8
141	39.2	31.2	46.8

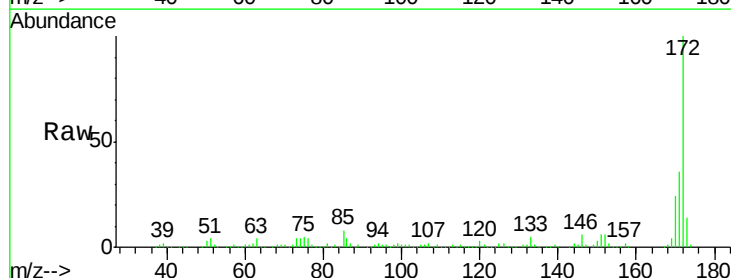


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

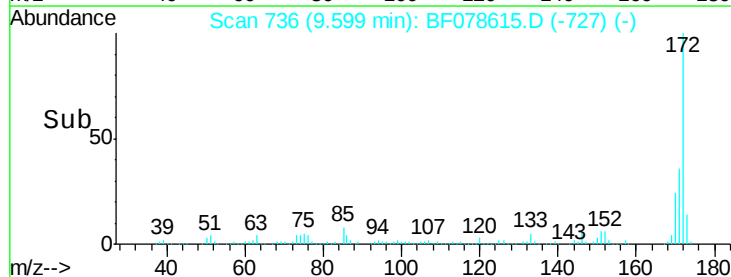
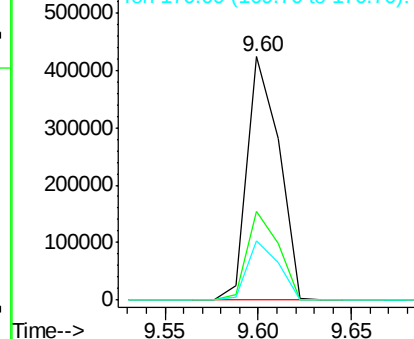


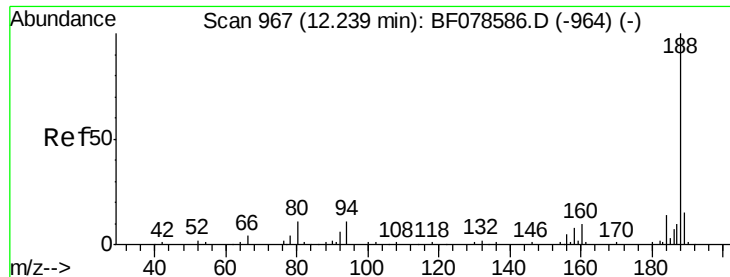
#44
 2-Fluorobiphenyl
 Concen: 74.37 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078615.D
 Acq: 17 Apr 2015 20:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	24.1	18.5	27.7



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

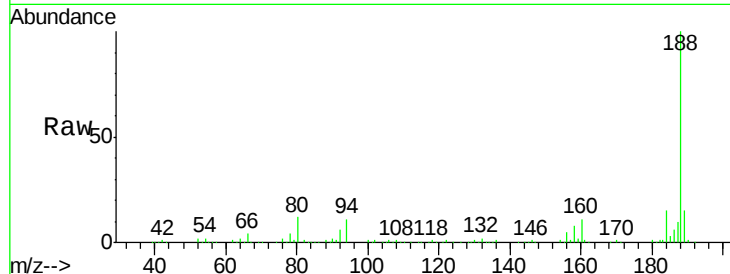




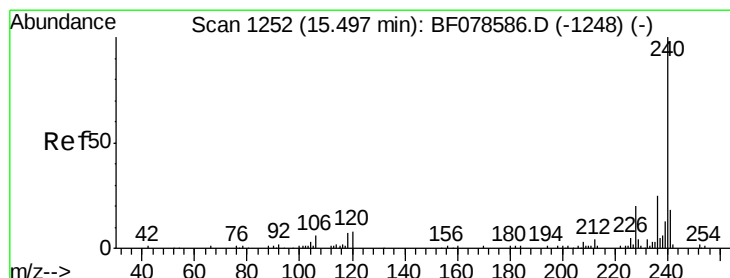
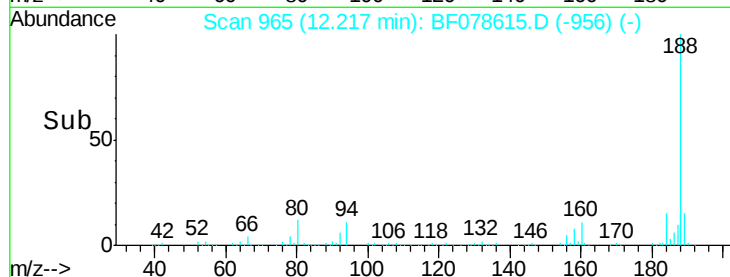
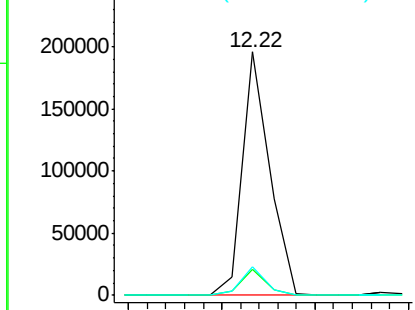
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

Instrument :
BNA_F
ClientSampled :
MW-45

Tot Ion:188 Resp: 199263
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.6 9.5 14.3

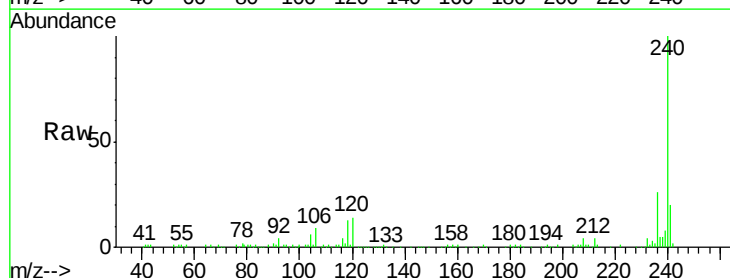


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

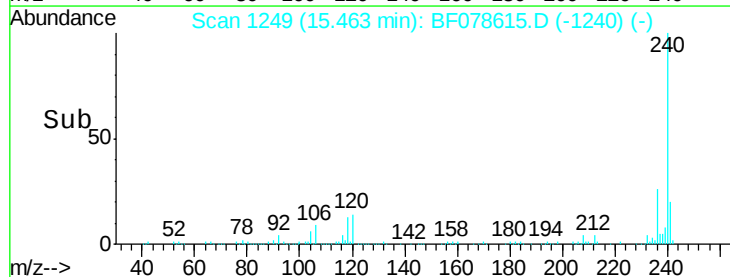
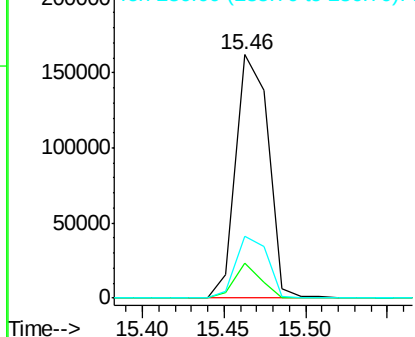


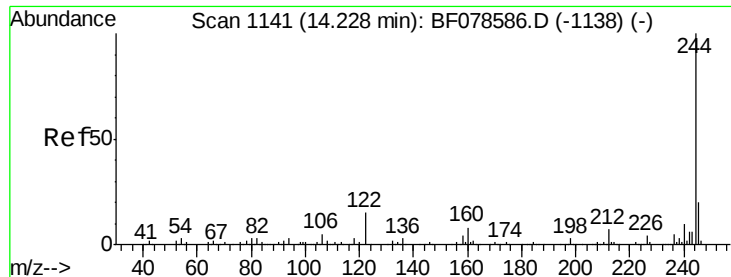
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078615.D
Acq: 17 Apr 2015 20:35

Tgt Ion:240 Resp: 222950
Ion Ratio Lower Upper
240 100
120 14.4 7.1 10.7#
236 25.7 21.4 32.2



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: 68.38 ng

RT: 14.21 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF078615.D

Acq: 17 Apr 2015 20:35

Instrument :

BNA_F

ClientSampleId :

MW-45

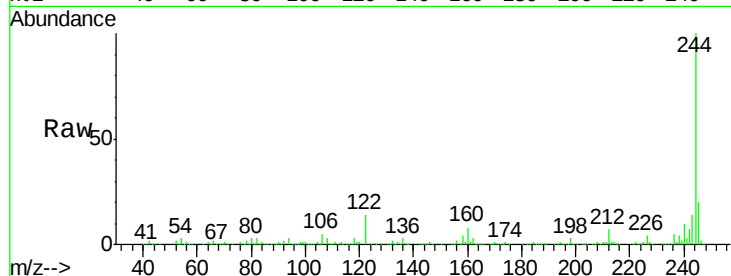
Tot Ion:244 Resp: 674660

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

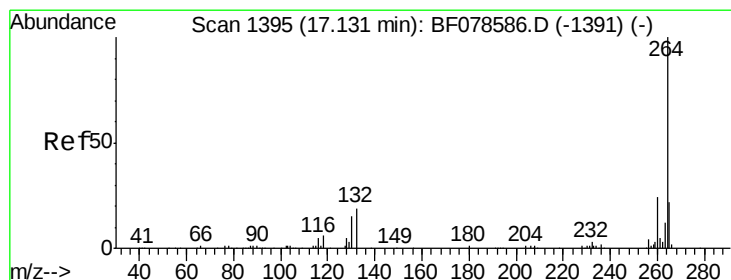
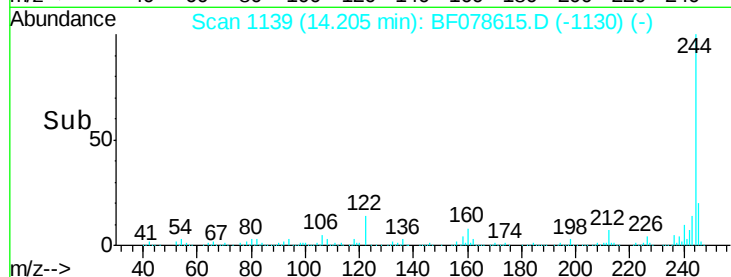
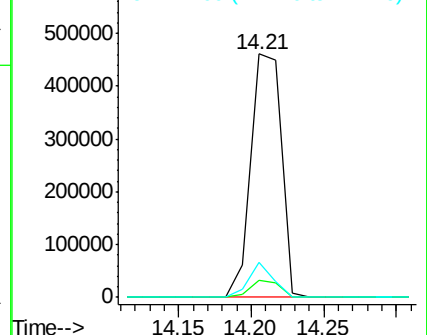
122 14.3 7.1 10.7#



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: 17.19 min Scan# 1400

Delta R.T. 0.03 min

Lab File: BF078615.D

Acq: 17 Apr 2015 20:35

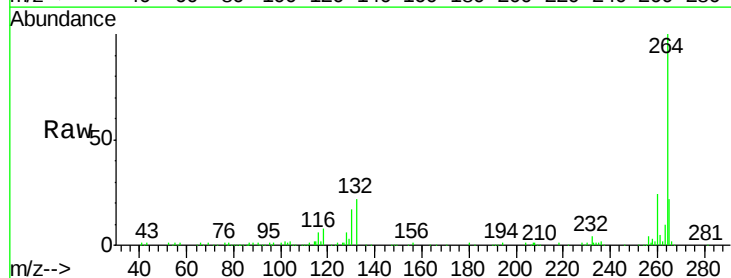
Tgt Ion:264 Resp: 221331

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 21.6 17.0 25.6



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

