

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079943.D
 Acq On : 12 Jun 2015 19:06
 Operator : TP/IZ
 Sample : G2590-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S9

Quant Time: Jun 12 23:10:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 22:57:49 2015
 Response via : Initial Calibration

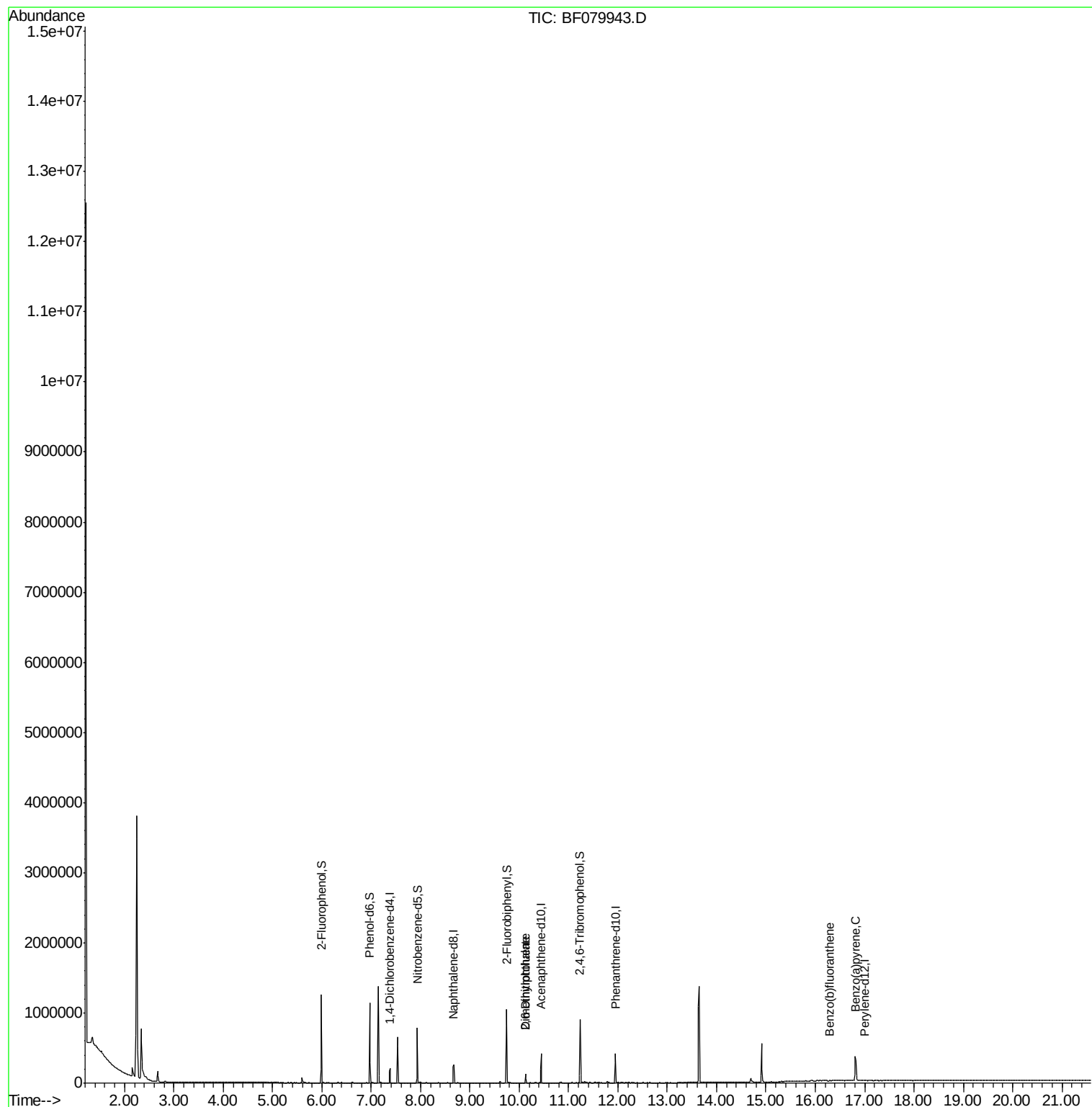
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	43938	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	168674	20.00	ng	0.00
38) Acenaphthene-d10	10.44	164	93053	20.00	ng	0.00
63) Phenanthrene-d10	11.95	188	199706	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.14
86) Perylene-d12	16.99	264	424	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.99	112	305062	127.31	ng	0.00
7) Phenol-d6	6.97	99	369318	113.13	ng	0.00
23) Nitrobenzene-d5	7.93	82	208902	81.71	ng	0.00
41) 2,4,6-Tribromophenol	11.23	330	91526	98.40	ng	-0.01
44) 2-Fluorobiphenyl	9.75	172	459283	69.11	ng	0.00
78) Terphenyl-d14	13.65	244	633255	0.00	ng	-0.13
Target Compounds						
49) Dimethylphthalate	10.12	163	60458	8.11	ng	99
50) 2,6-Dinitrotoluene	10.12	165	683	3.52	ng	# 1
87) Benzo(b)fluoranthene	16.30	252	514	19.78	ng	# 60
89) Benzo(a)pyrene	16.81	252	756	30.60	ng	# 60

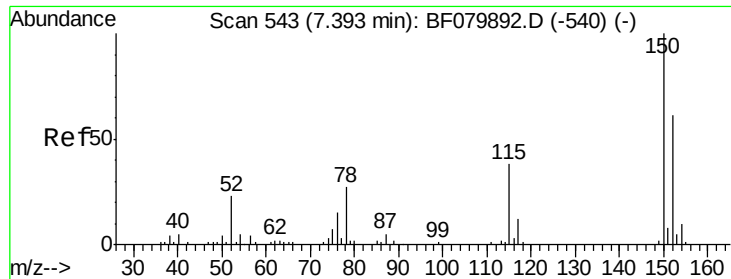
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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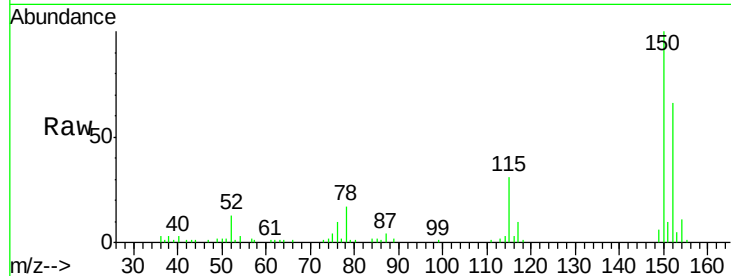


#1

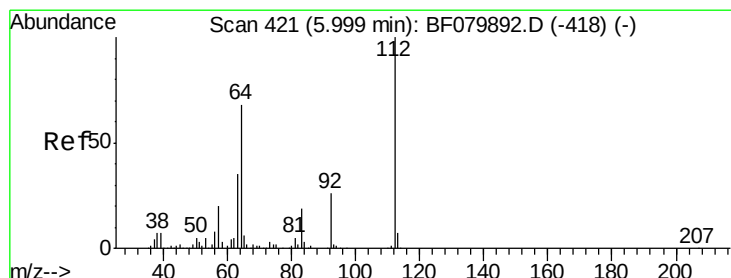
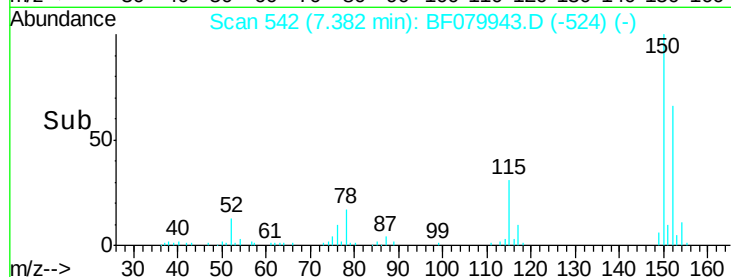
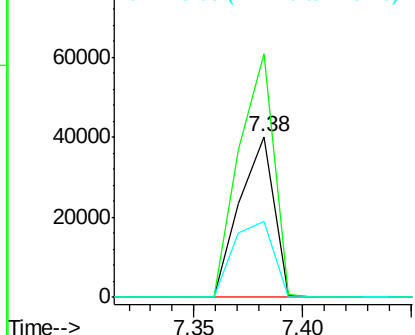
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Instrument :
BNA_F
ClientSampleId :
S9

Tgt Ion:152 Resp: 43938
Ion Ratio Lower Upper
152 100
150 151.4 131.0 196.4
115 46.9 49.8 74.6#



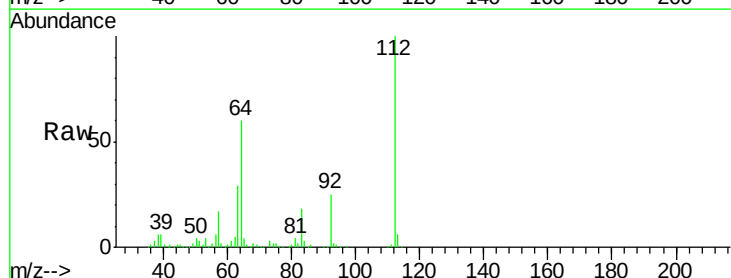
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



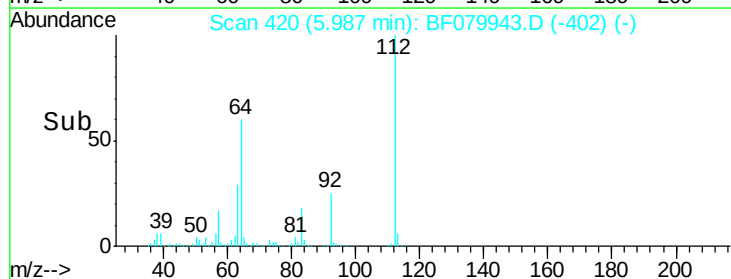
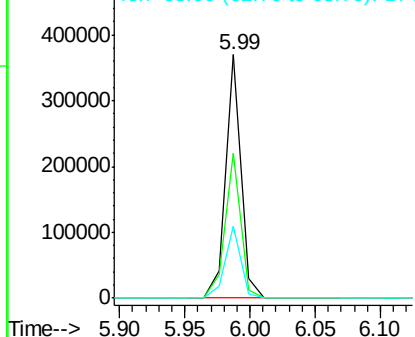
#5

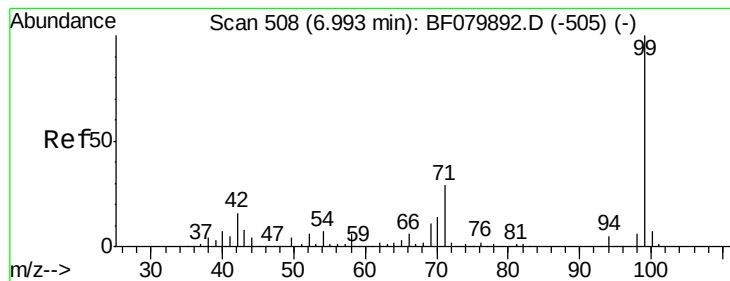
2-Fluorophenol
Concen: 127.31 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Tgt Ion:112 Resp: 305062
Ion Ratio Lower Upper
112 100
64 59.7 54.5 81.7
63 29.5 27.9 41.9



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: 113.13 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

S9

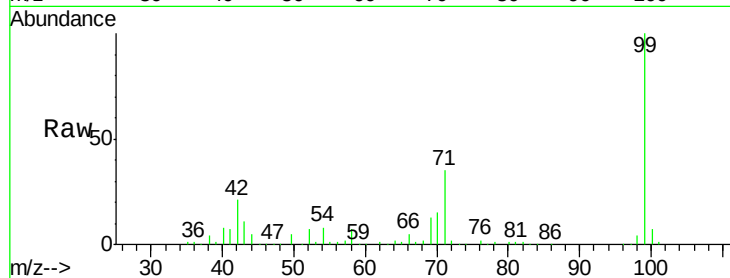
Tgt Ion: 99 Resp: 369318

Ion Ratio Lower Upper

99 100

42 20.8 12.9 19.3#

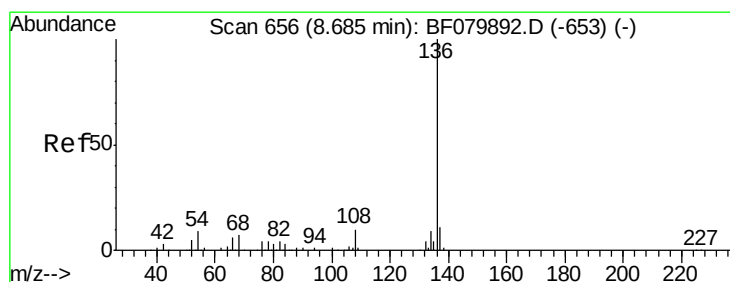
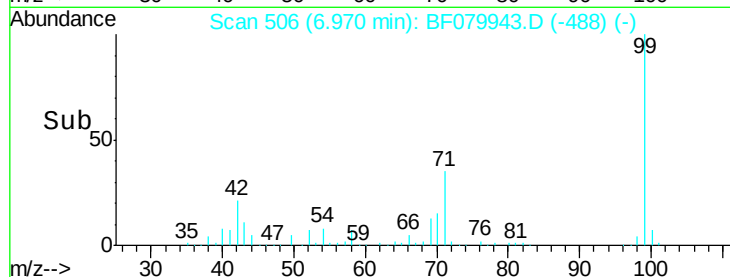
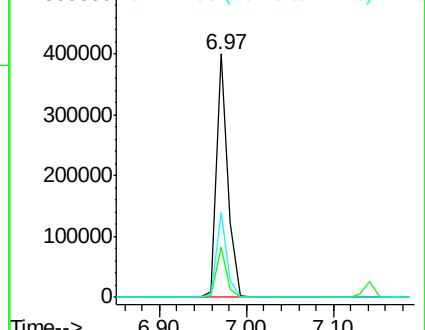
71 34.7 23.4 35.2



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: 8.67 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

Tgt Ion: 136 Resp: 168674

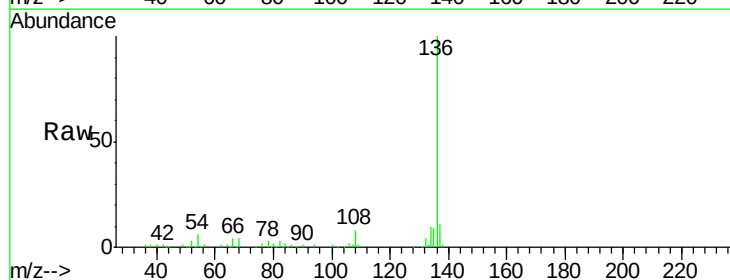
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.0 7.3 10.9#

68 4.3 5.9 8.9#

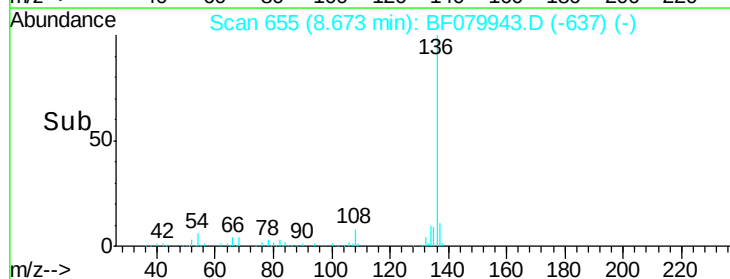
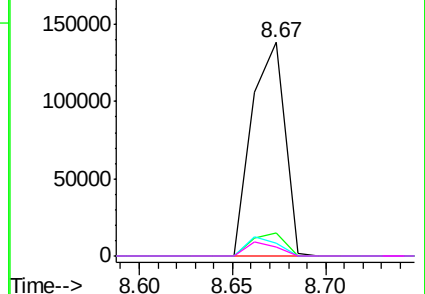


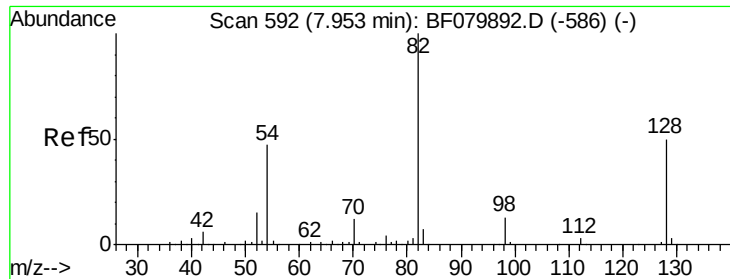
Abundance Ion 136.00 (135.70 to 136.70): E

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

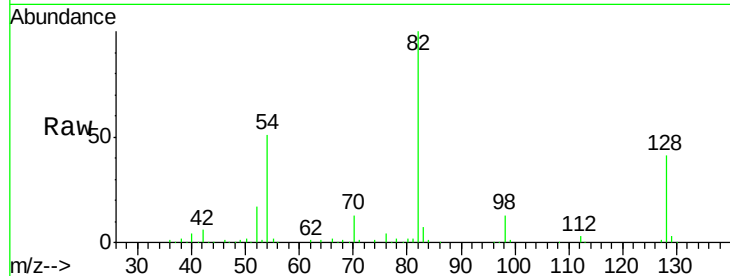




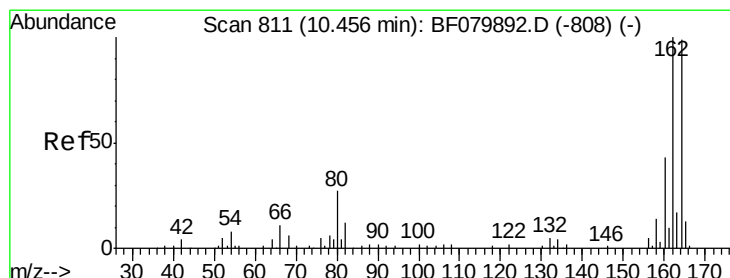
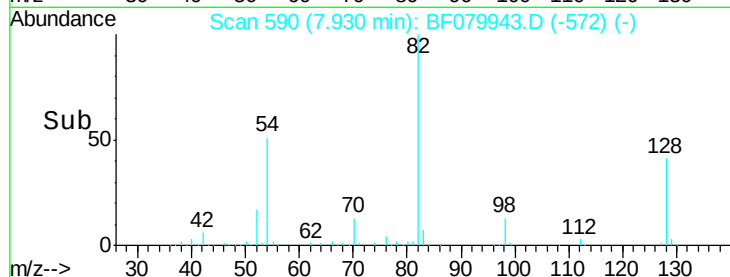
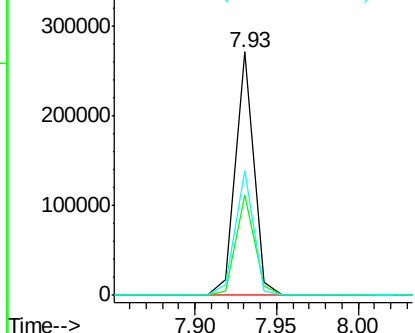
#23
Nitrobenzene-d5
Concen: 81.71 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Instrument :
BNA_F
ClientSampleId :
S9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	40.3	60.5
54	51.4	38.0	57.0

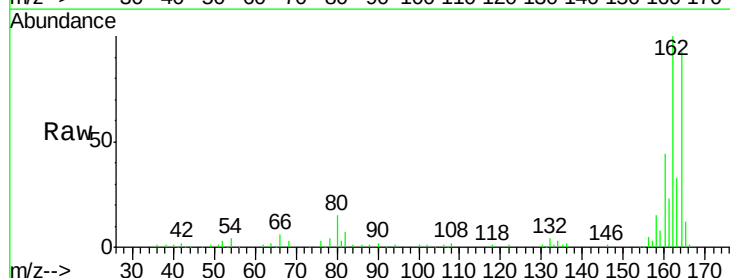


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

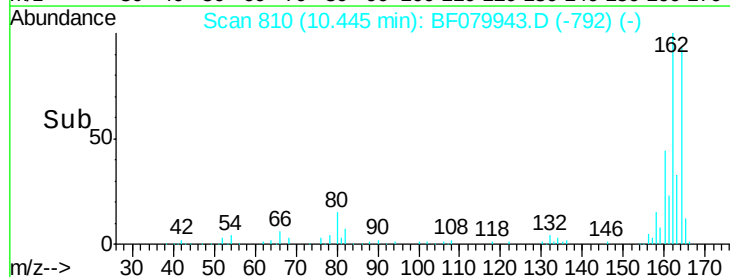
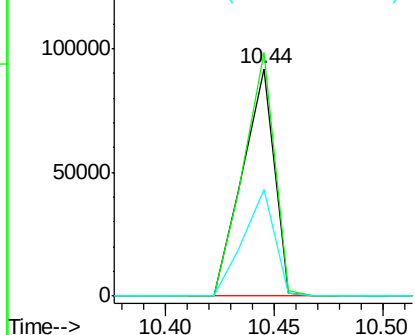


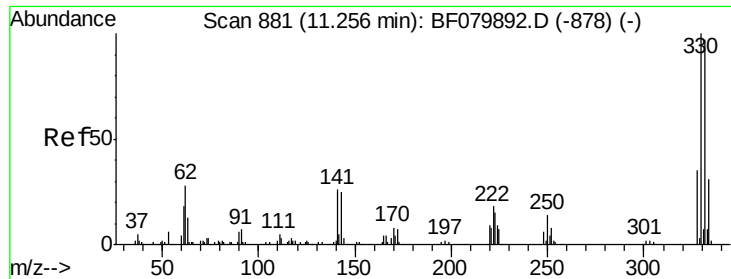
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	80.7	121.1
160	46.9	34.6	51.8



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

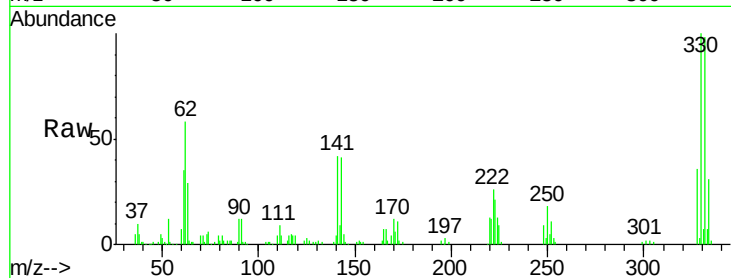




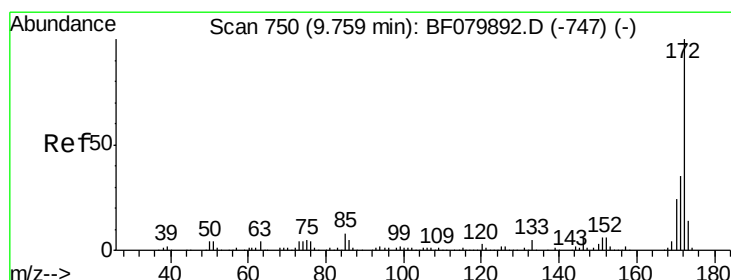
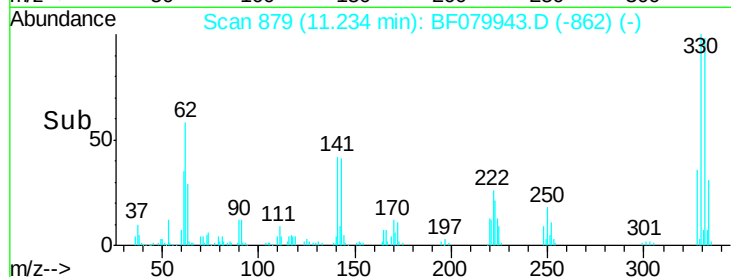
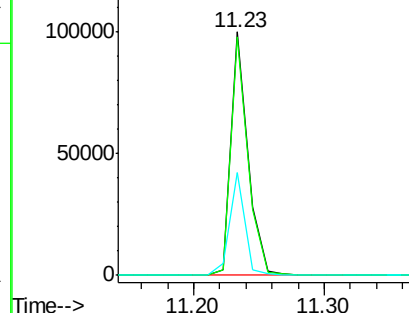
#41
 2,4,6-Tribromophenol
 Concen: 98.40 ng
 RT: 11.23 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF079943.D
 Acq: 12 Jun 2015 19:06

Instrument :
 BNA_F
 ClientSampleId :
 S9

Tgt Ion:330 Resp: 91526
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 37.7 26.8 40.2

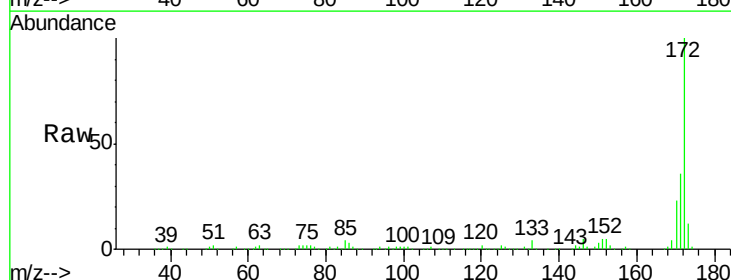


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

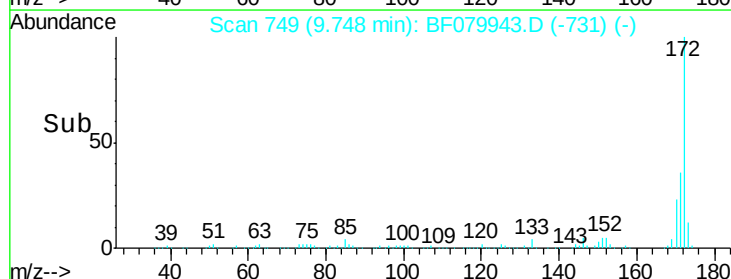
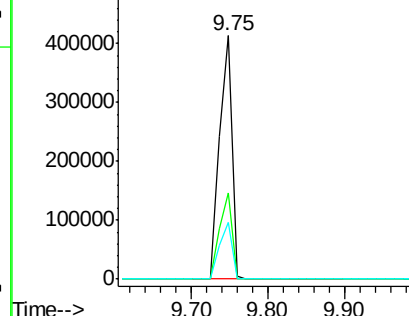


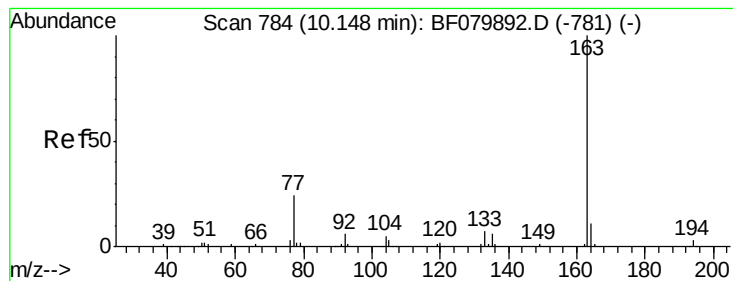
#44
 2-Fluorobiphenyl
 Concen: 69.11 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079943.D
 Acq: 12 Jun 2015 19:06

Tgt Ion:172 Resp: 459283
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.5 19.0 28.4



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: 8.11 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

S9

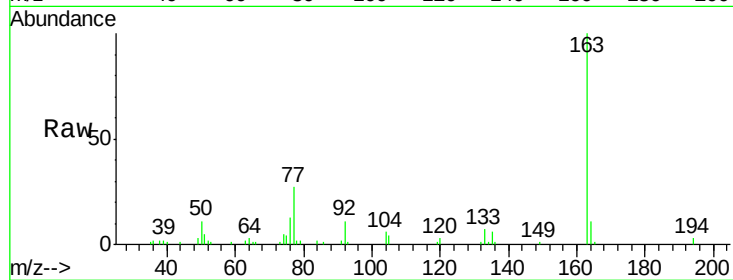
Tgt Ion:163 Resp: 60458

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

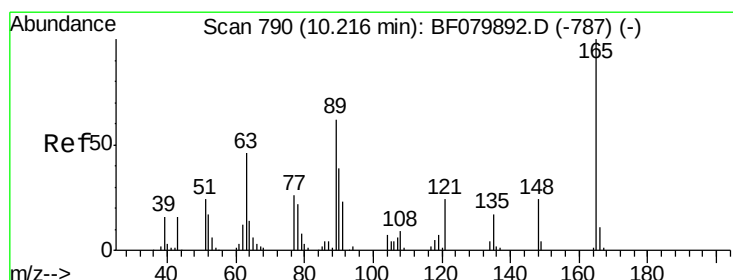
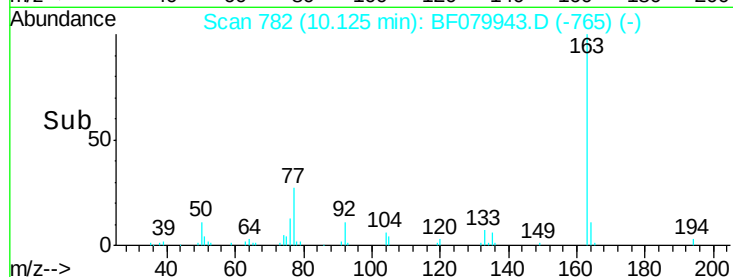
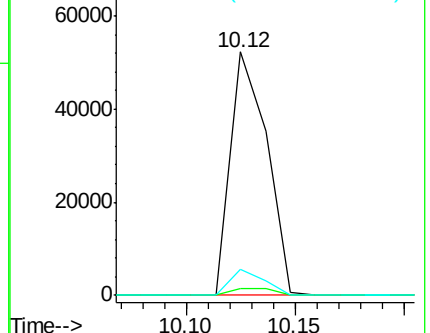
164 10.9 8.6 12.8



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



#50

2,6-Dinitrotoluene

Concen: 3.52 ng

RT: 10.12 min Scan# 782

Delta R.T. -0.08 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

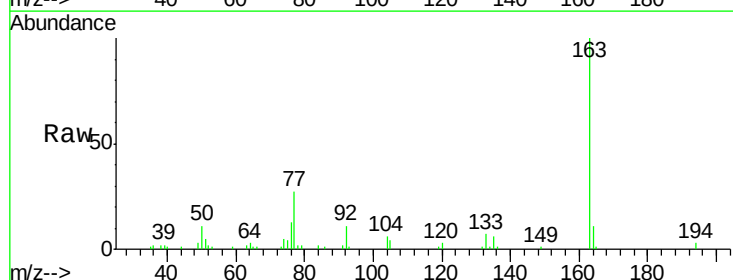
Tgt Ion:165 Resp: 683

Ion Ratio Lower Upper

165 100

63 170.6 46.4 69.6#

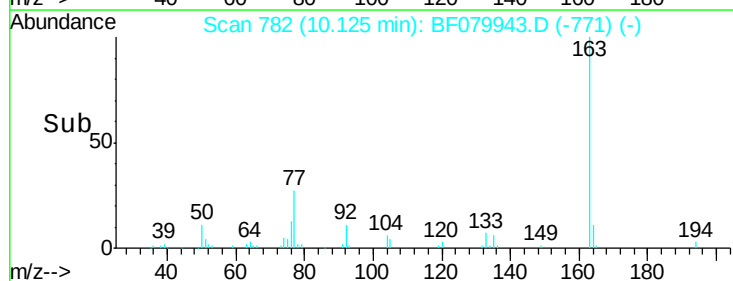
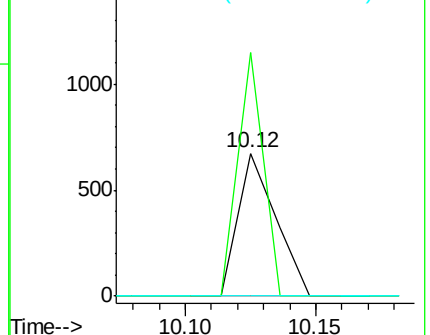
89 0.0 49.6 74.4#

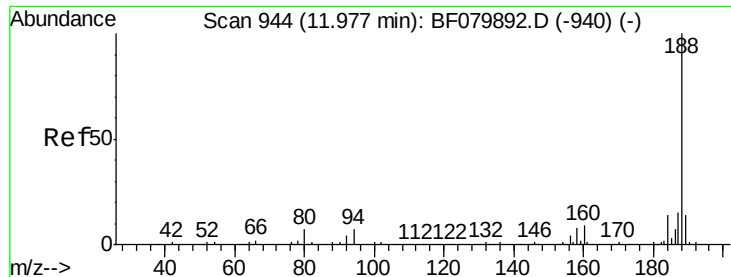


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

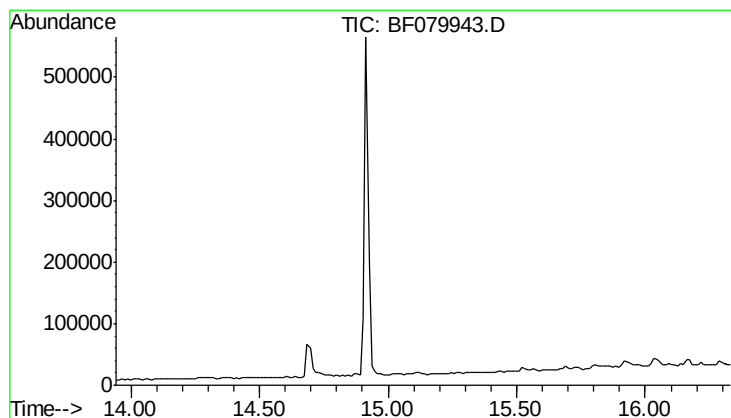
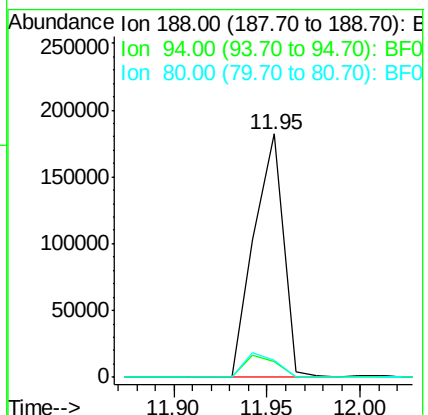
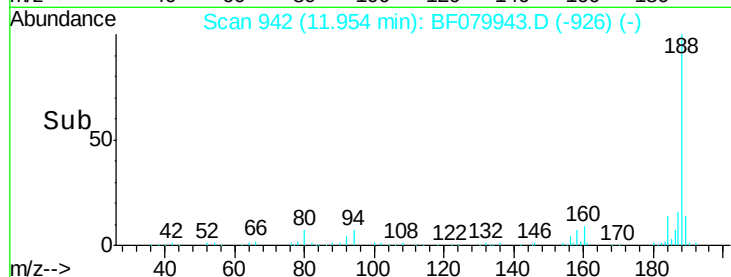
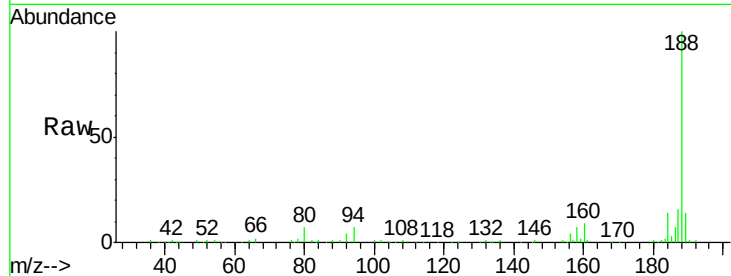




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF079943.D
 Acq: 12 Jun 2015 19:06

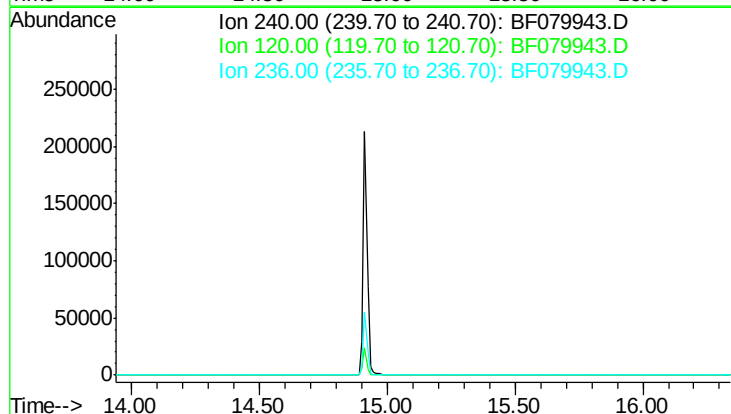
Instrument :
 BNA_F
 ClientSampleId :
 S9

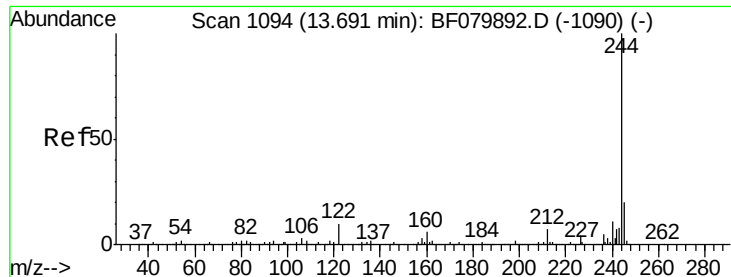
Tgt Ion: 188 Resp: 199706
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.8 8.8
 80 6.9 5.9 8.9



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 15.14 min
 Lab File: BF079943.D
 Acq: 12 Jun 2015 19:06

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.8
 236 24.5





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.13 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

Instrument :

BNA_F

ClientSampleId :

S9

Tgt Ion:244 Resp: 633255

Ion Ratio Lower Upper

244 100

212 6.1

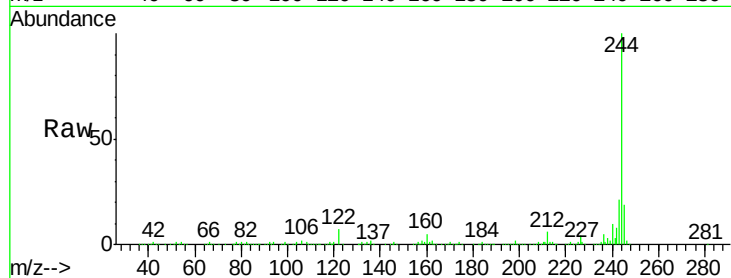
5.4

8.2

122 6.8

7.8

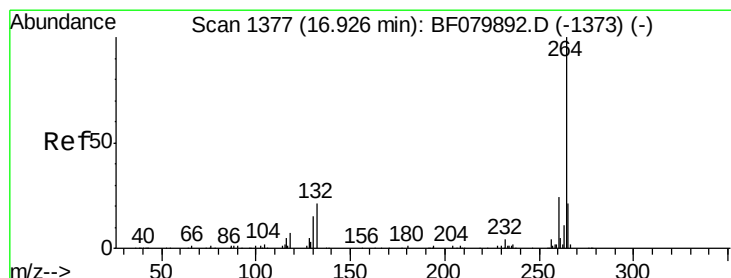
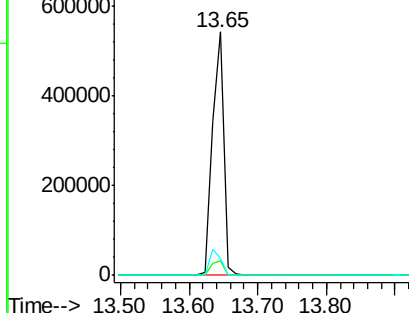
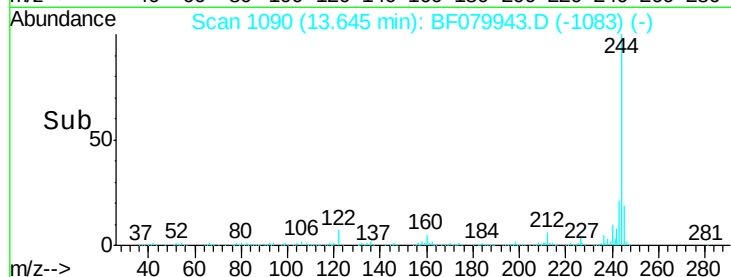
11.8#



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: 16.99 min Scan# 1383

Delta R.T. -0.10 min

Lab File: BF079943.D

Acq: 12 Jun 2015 19:06

Tgt Ion:264 Resp: 424

Ion Ratio Lower Upper

264 100

260 0.0

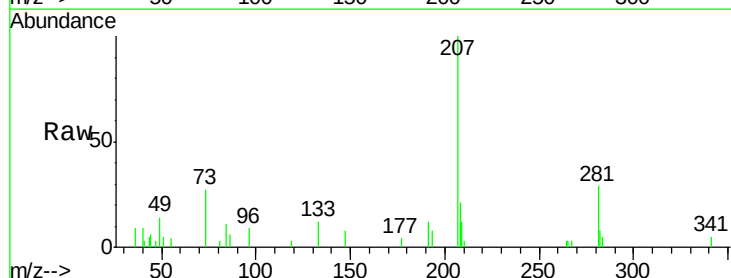
19.3

28.9#

265 107.2

17.0

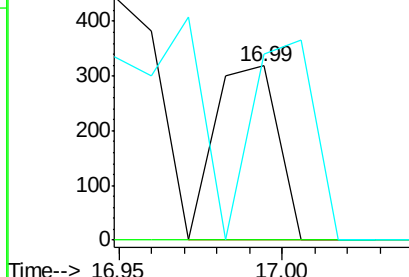
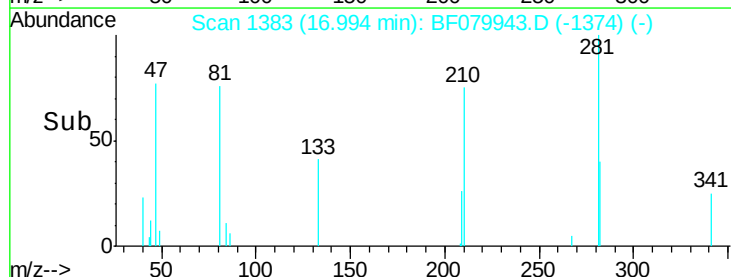
25.6#

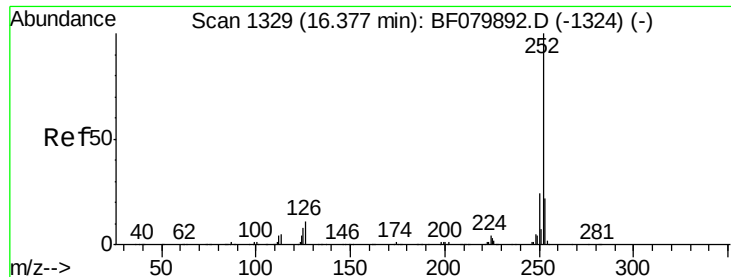


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

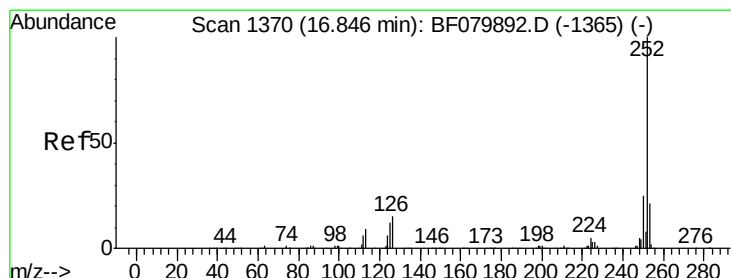
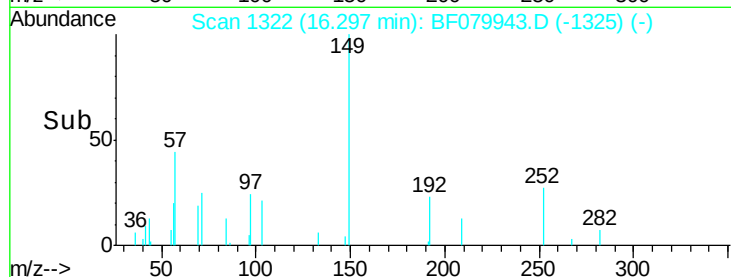
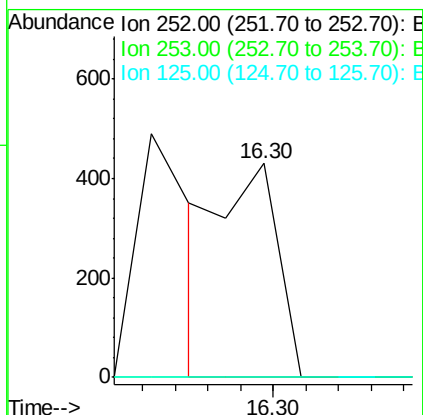
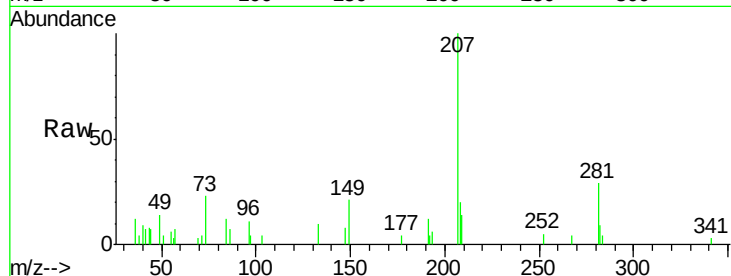




#87
Benzo(b)fluoranthene
Concen: 19.78 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.24 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Instrument :
BNA_F
ClientSampleId :
S9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	0.0	6.5	9.7#



#89
Benzo(a)pyrene
Concen: 30.60 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.21 min
Lab File: BF079943.D
Acq: 12 Jun 2015 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.7	14.5#

