

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061515\
 Data File : BF079987.D
 Acq On : 15 Jun 2015 18:44
 Operator : TP/IZ
 Sample : G2639-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Quant Time: Jun 16 01:29:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	44657	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	176113	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	88117	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	171215	20.00	ng	0.00
75) Chrysene-d12	14.81	240	183911	20.00	ng	-0.09
86) Perylene-d12	16.65	264	175385	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	135903	55.80	ng	0.00
7) Phenol-d6	6.95	99	114094	34.39	ng	0.00
23) Nitrobenzene-d5	7.91	82	274989	103.02	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	120955	136.14	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	635374	100.97	ng	0.00
78) Terphenyl-d14	13.58	244	819799	102.77	ng	-0.05

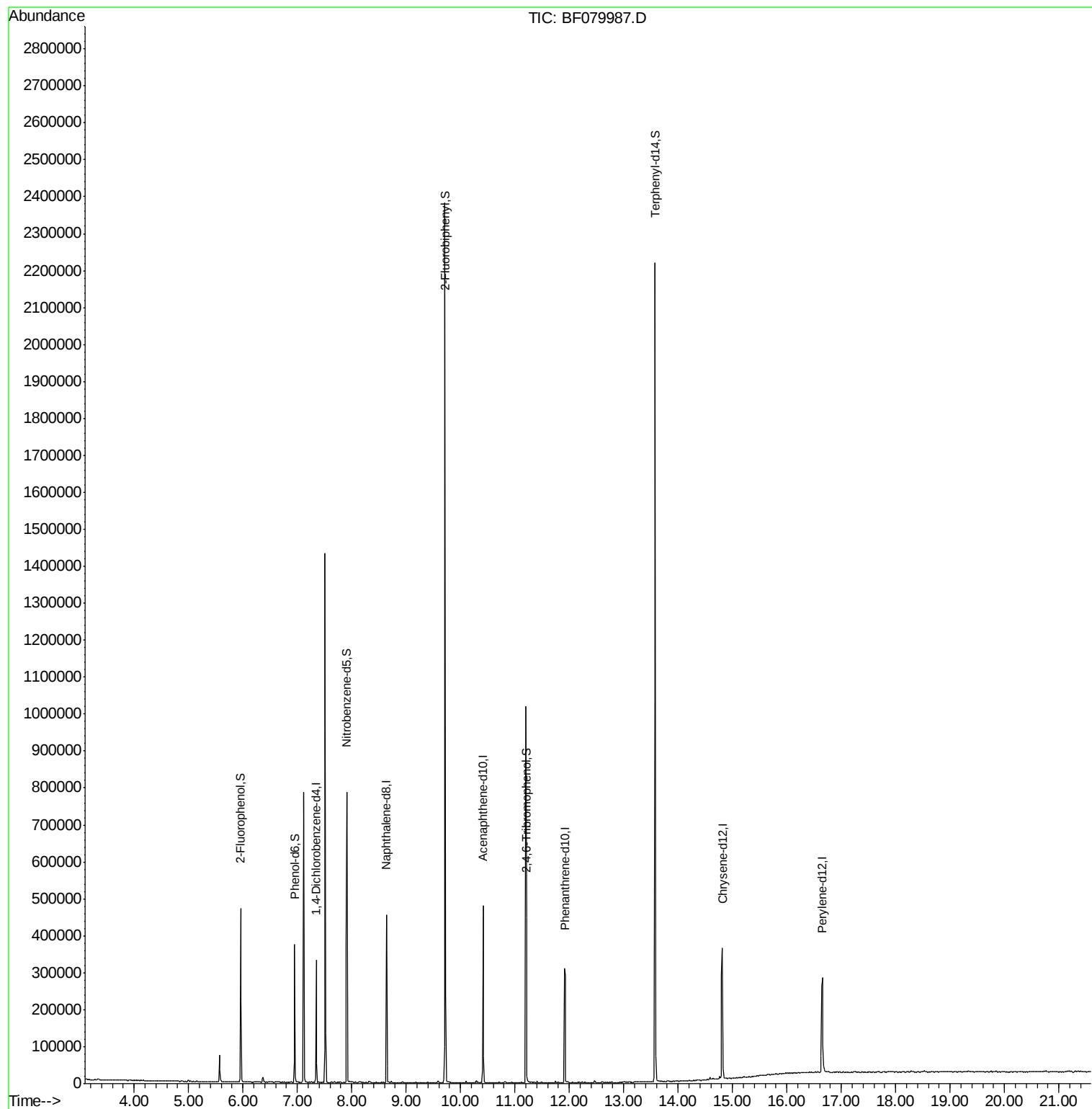
Target Compounds	Qvalue
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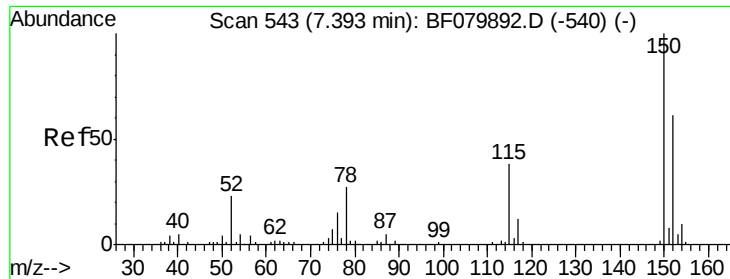
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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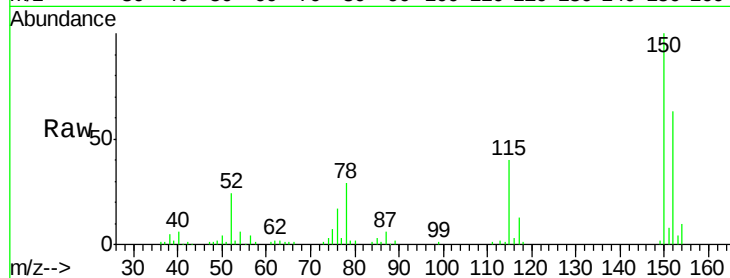


#1

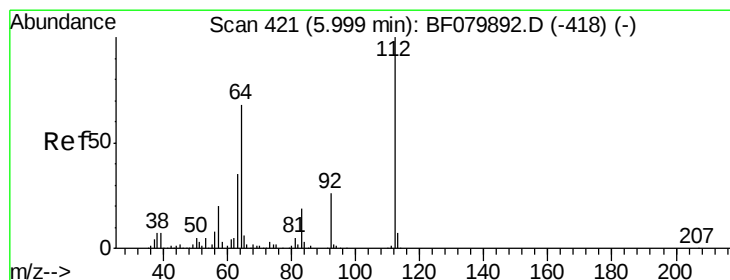
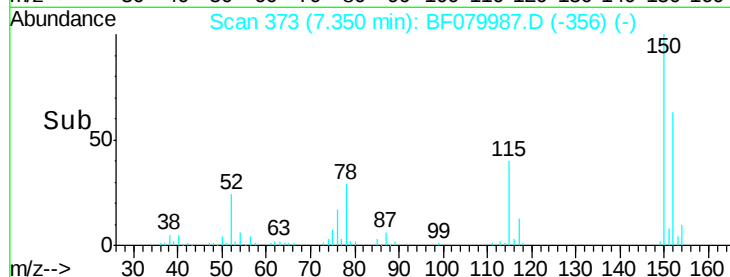
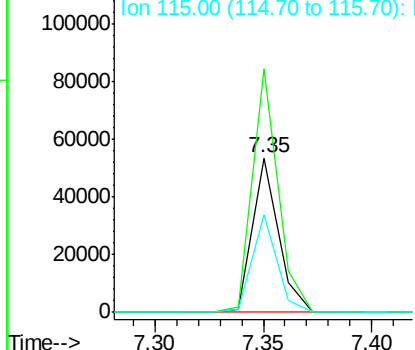
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SP15-LF2MW4-9016

Tgt Ion:152 Resp: 44657
Ion Ratio Lower Upper
152 100
150 157.5 131.0 196.4
115 63.0 49.8 74.6



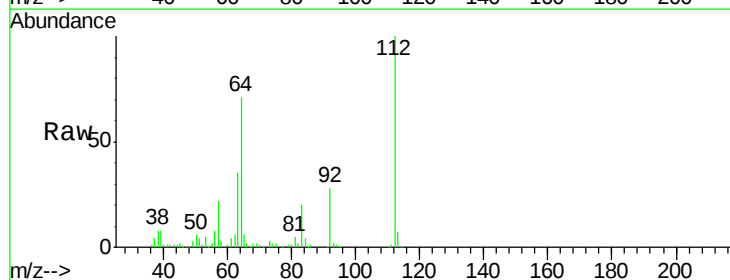
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



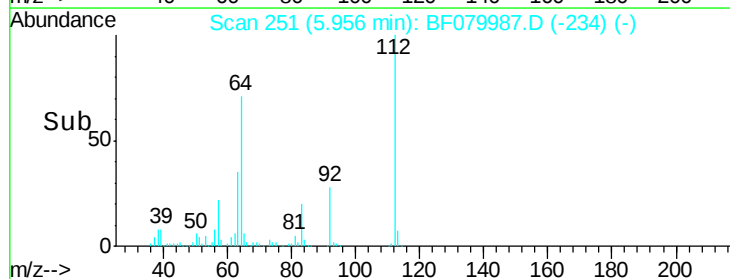
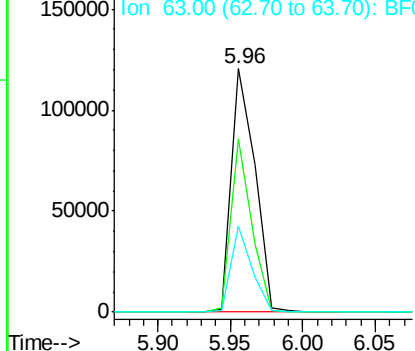
#5

2-Fluorophenol
Concen: 55.80 ng
RT: 5.96 min Scan# 251
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Tgt Ion:112 Resp: 135903
Ion Ratio Lower Upper
112 100
64 71.3 54.5 81.7
63 35.3 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: 34.39 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

Instrument :

BNA_F

ClientSampleId :

SP15-LF2MW4-9016

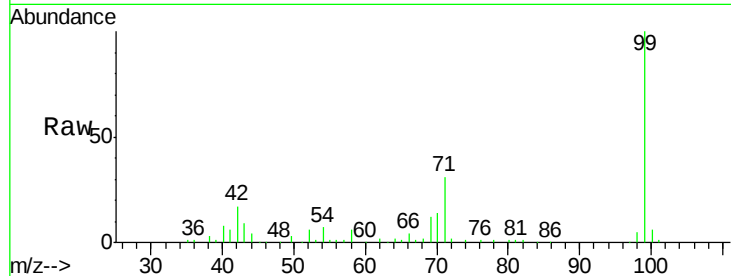
Tgt Ion: 99 Resp: 114094

Ion Ratio Lower Upper

99 100

42 16.9 12.9 19.3

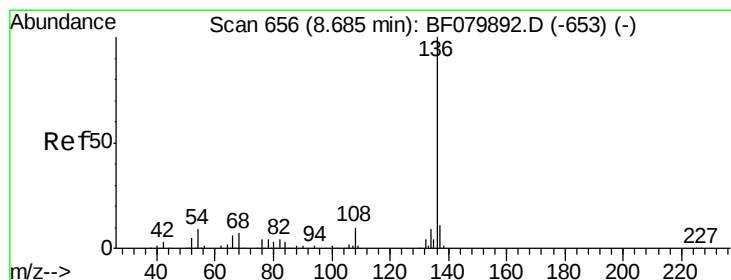
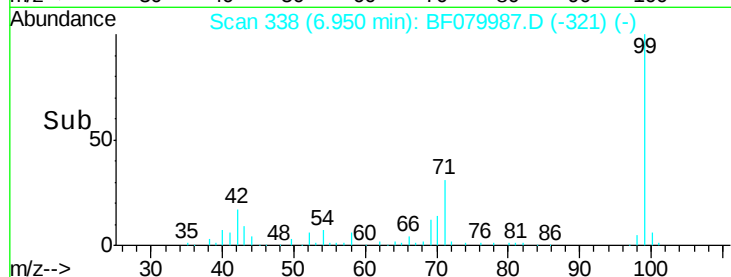
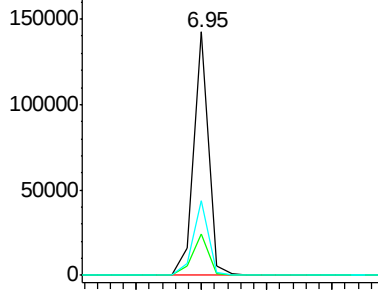
71 30.9 23.4 35.2



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: 8.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF079987.D

Acq: 15 Jun 2015 18:44

Tgt Ion: 136 Resp: 176113

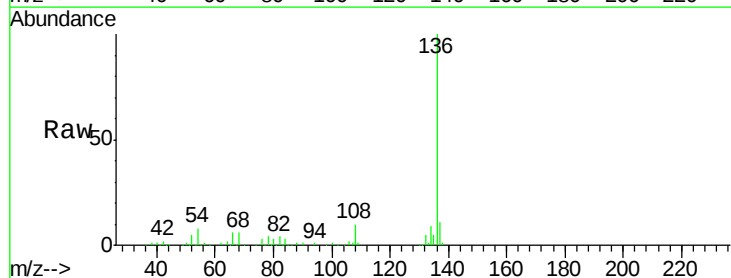
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.4 7.3 10.9

68 5.8 5.9 8.9#

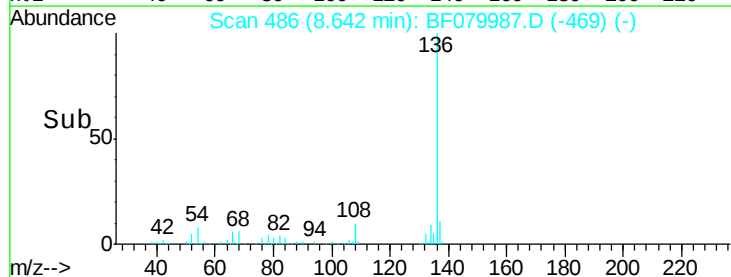
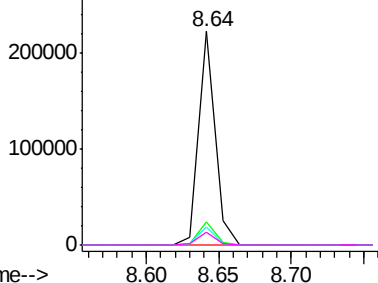


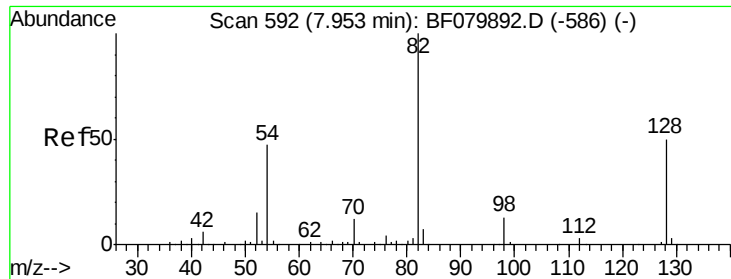
Abundance Ion 136.00 (135.70 to 136.70): E

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

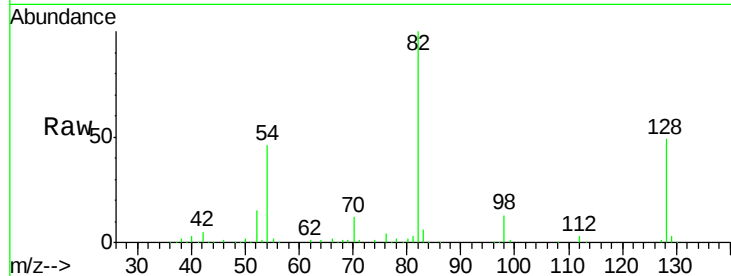




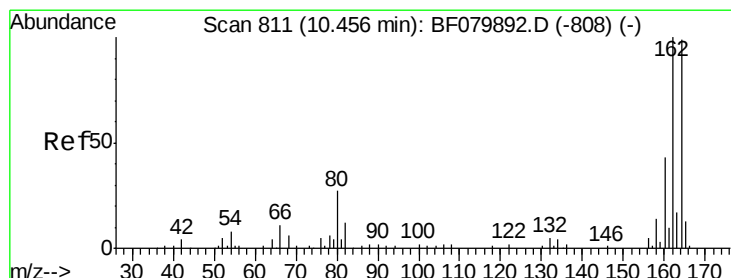
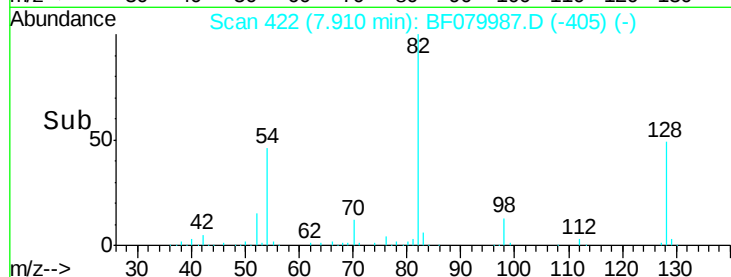
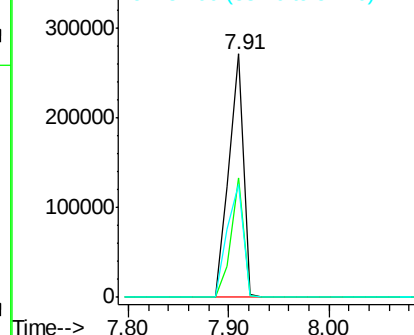
#23
 Nitrobenzene-d5
 Concen: 103.02 ng
 RT: 7.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Tgt Ion: 82 Resp: 274989
 Ion Ratio Lower Upper
 82 100
 128 48.8 40.3 60.5
 54 46.4 38.0 57.0

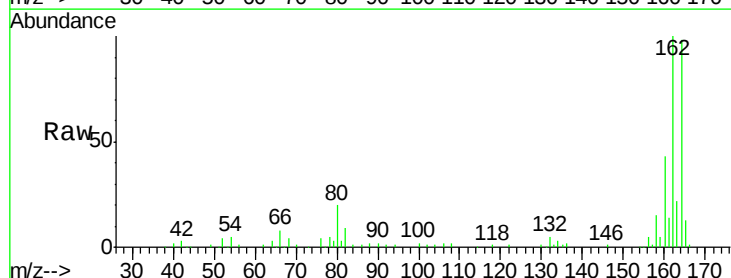


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

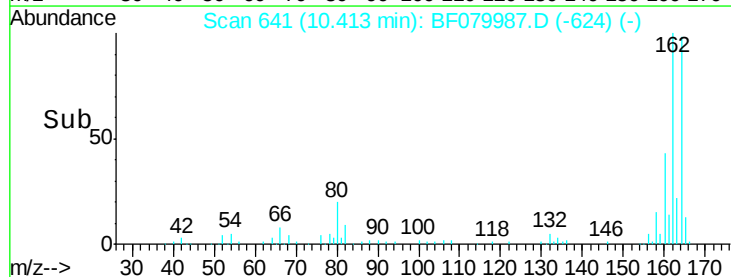
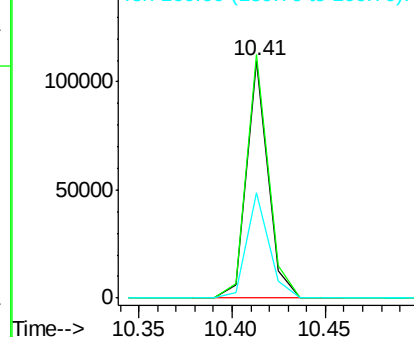


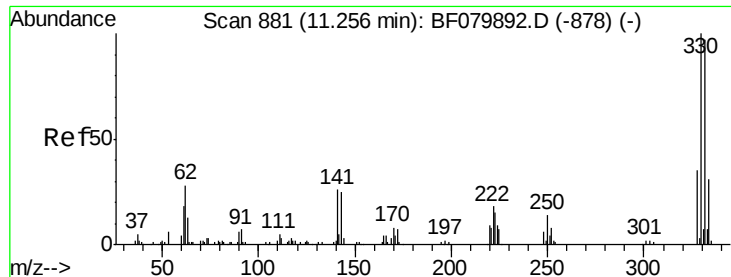
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Tgt Ion: 164 Resp: 88117
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.7 121.1
 160 44.5 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

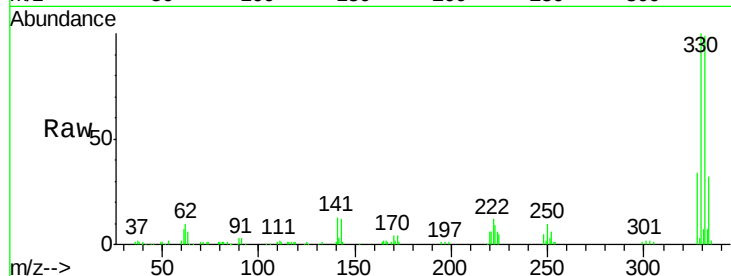




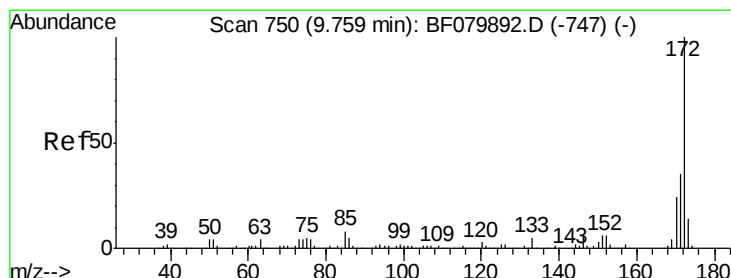
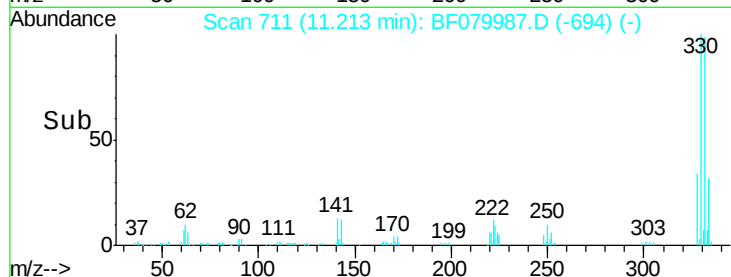
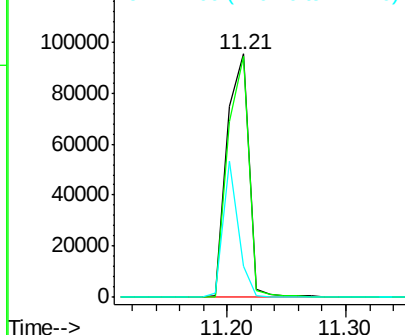
#41
 2,4,6-Tribromophenol
 Concen: 136.14 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	38.6	26.8	40.2

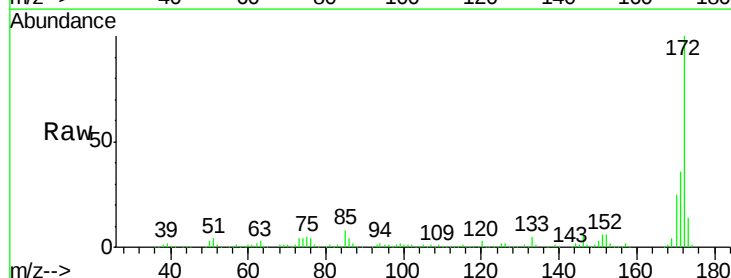


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

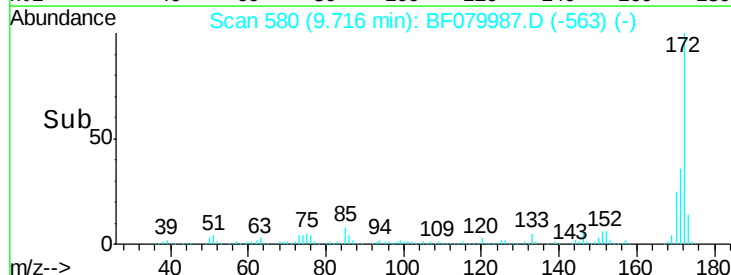
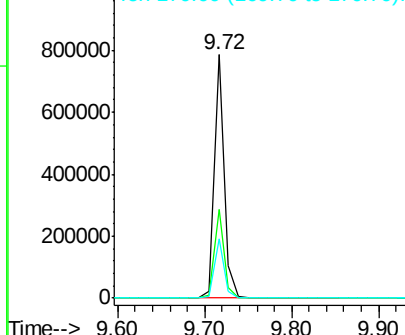


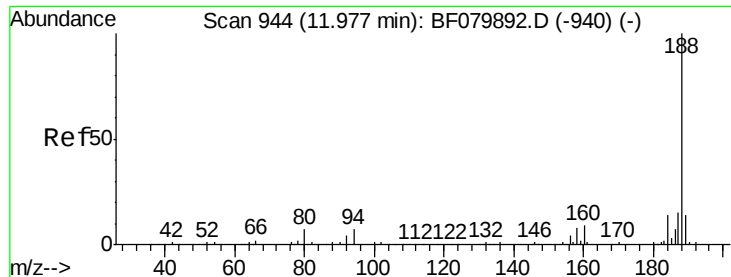
#44
 2-Fluorobiphenyl
 Concen: 100.97 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.3	42.5
170	24.6	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

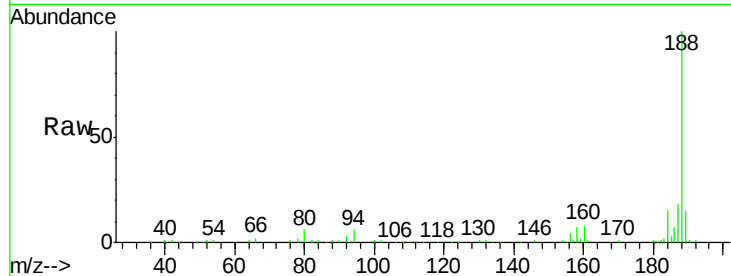




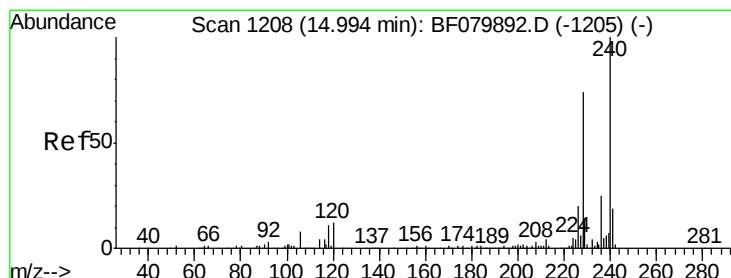
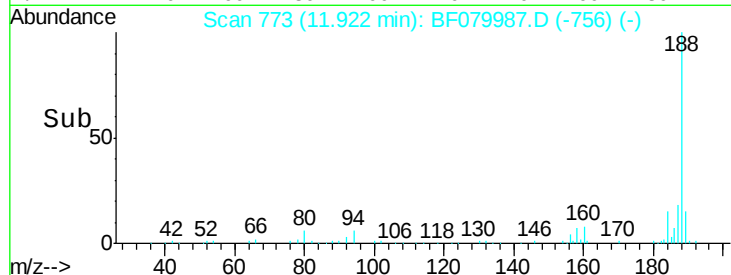
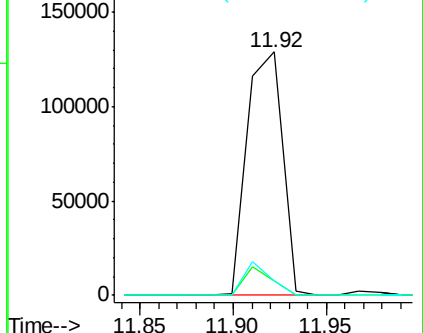
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Instrument :
BNA_F
ClientSampleId :
SP15-LF2MW4-9016

Tgt Ion:188 Resp: 171215
Ion Ratio Lower Upper
188 100
94 5.9 5.8 8.8
80 6.1 5.9 8.9

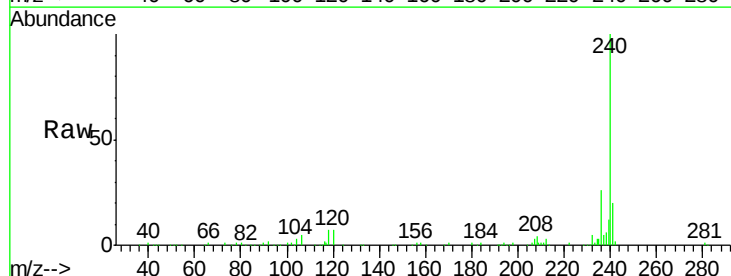


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

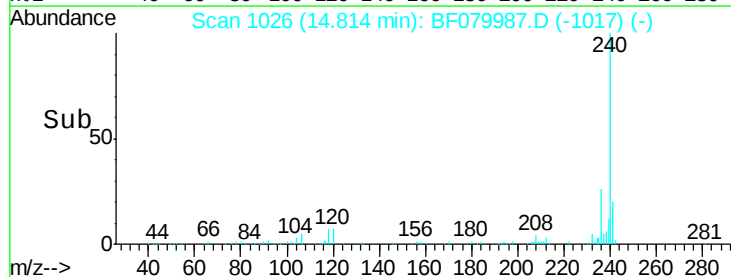
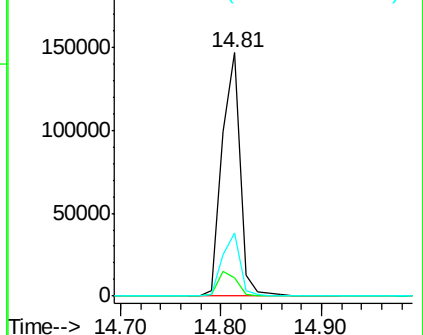


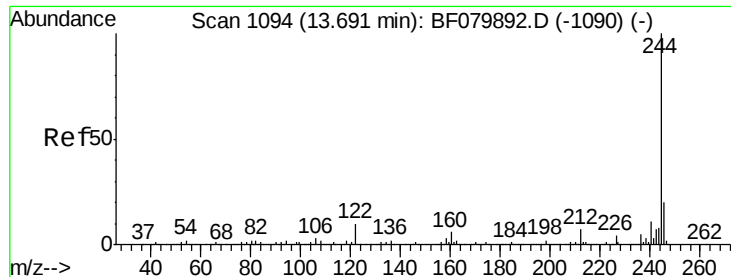
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.81 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BF079987.D
Acq: 15 Jun 2015 18:44

Tgt Ion:240 Resp: 183911
Ion Ratio Lower Upper
240 100
120 7.4 9.4 14.2#
236 26.0 19.6 29.4



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

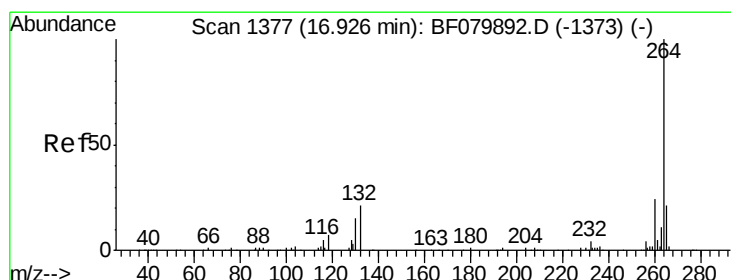
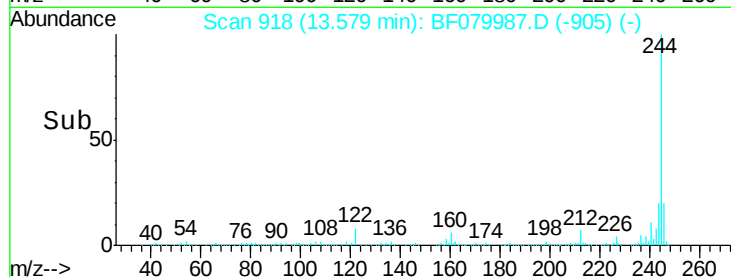
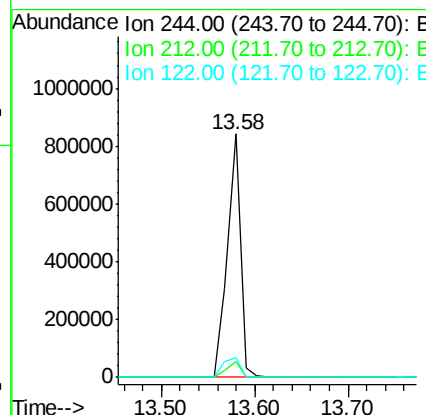
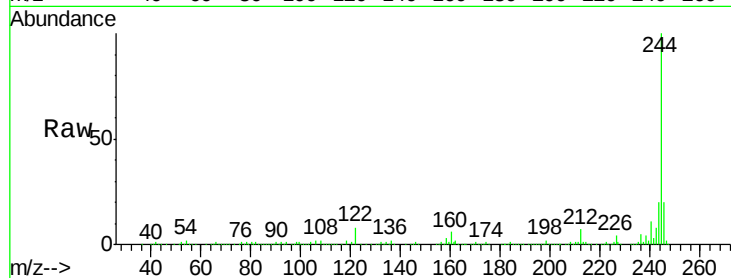




#78
 Terphenyl-d14
 Concen: 102.77 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.05 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SP15-LF2MW4-9016

Tgt Ion: 244 Resp: 819799
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.65 min Scan# 1187
 Delta R.T. -0.15 min
 Lab File: BF079987.D
 Acq: 15 Jun 2015 18:44

Tgt Ion: 264 Resp: 175385
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.8 17.0 25.6

