

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092335.D
 Acq On : 18 Jan 2017 00:18
 Operator : UM/SJ
 Sample : I1197-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Quant Time: Jan 18 01:01:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

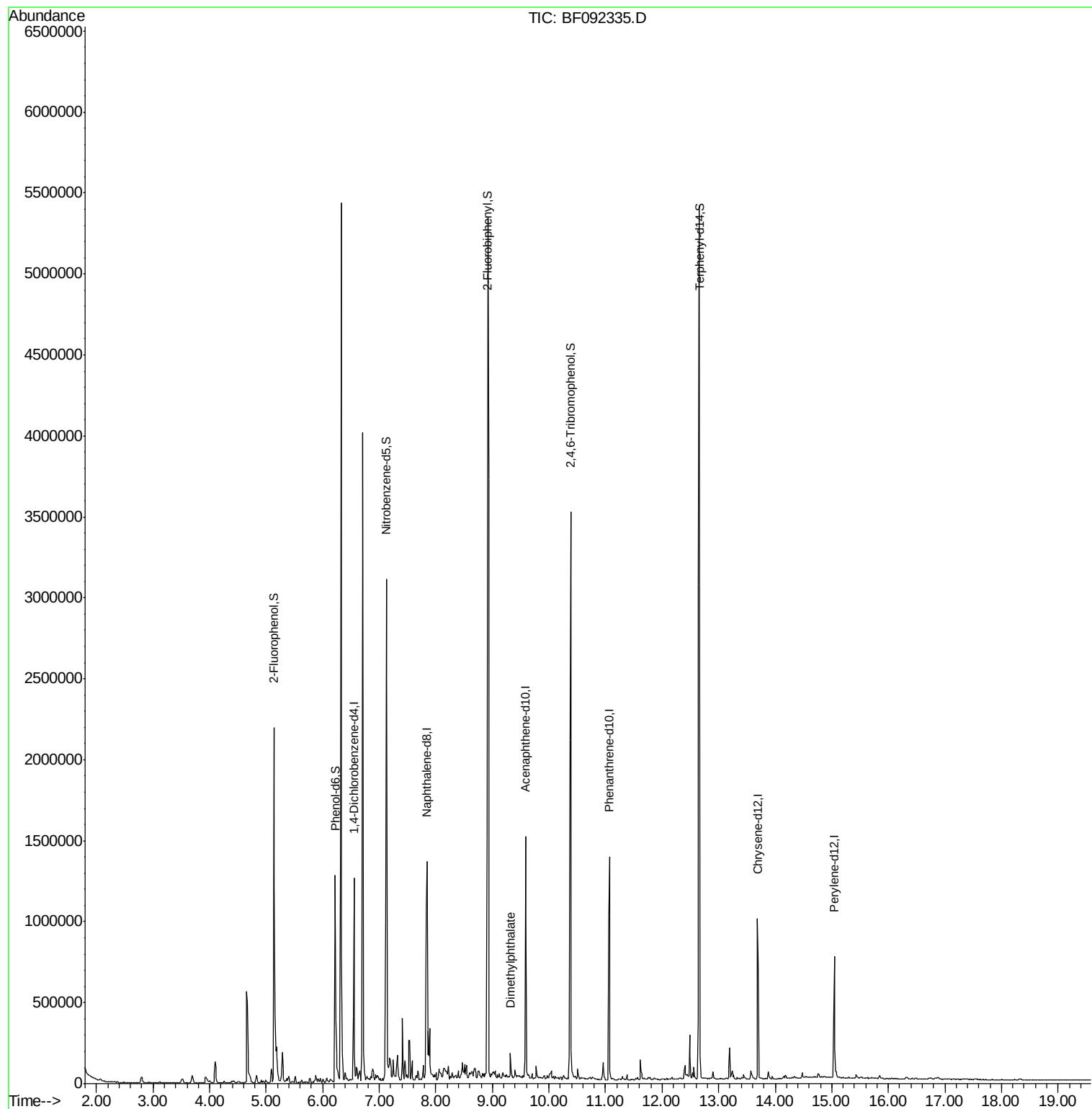
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	204771	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	849494	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	424268	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	680674	20.00	ng	0.00
75) Chrysene-d12	13.69	240	445137	20.00	ng	-0.01
86) Perylene-d12	15.05	264	350303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	875712	71.41	ng	0.00
7) Phenol-d6	6.22	99	689472	46.05	ng	0.00
23) Nitrobenzene-d5	7.12	82	1626499	106.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	491981	140.12	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2528765	128.76	ng	0.00
78) Terphenyl-d14	12.66	244	1972842	107.49	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.32	163	57409	2.12	ng	Qvalue # 97

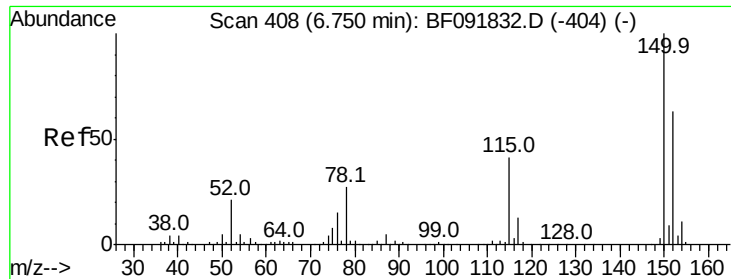
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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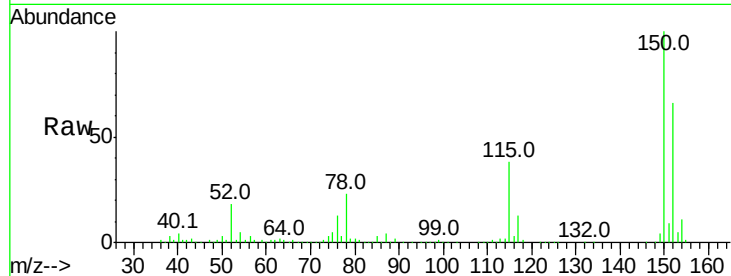


#1

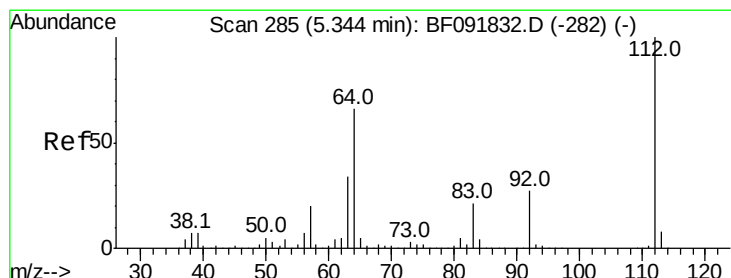
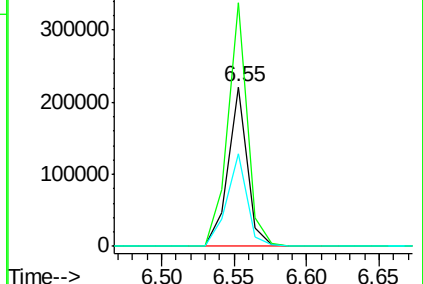
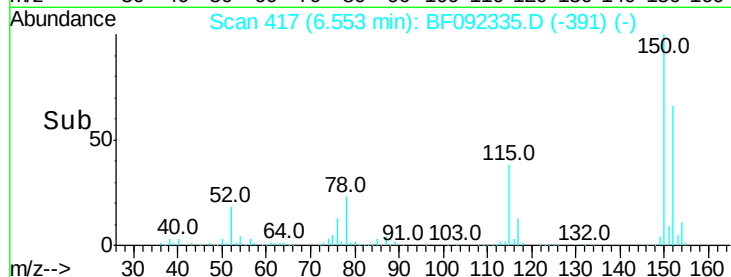
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Instrument :
BNA_F
ClientSampled :
W-48

Tot Ion:152 Resp: 204771
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 58.1 46.0 69.0



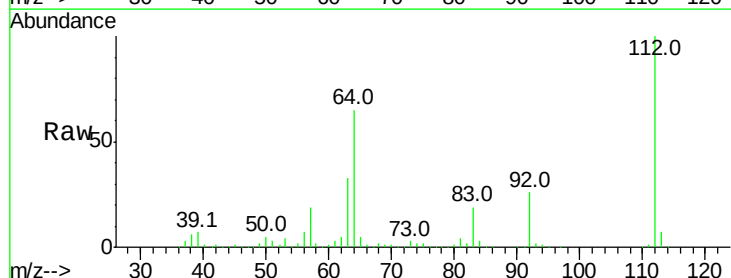
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



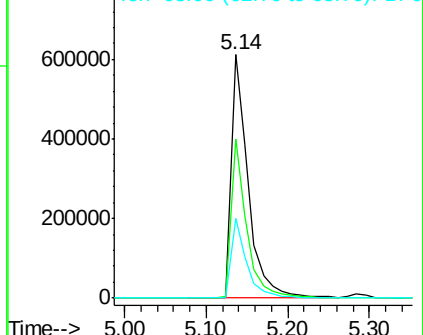
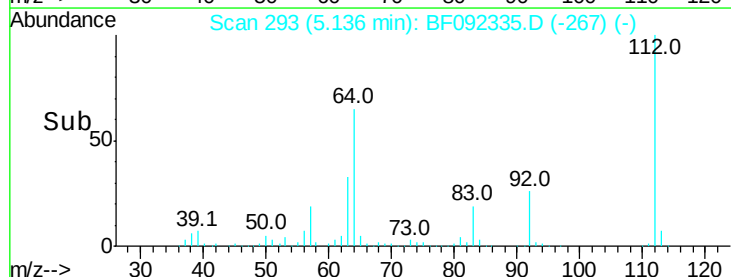
#5

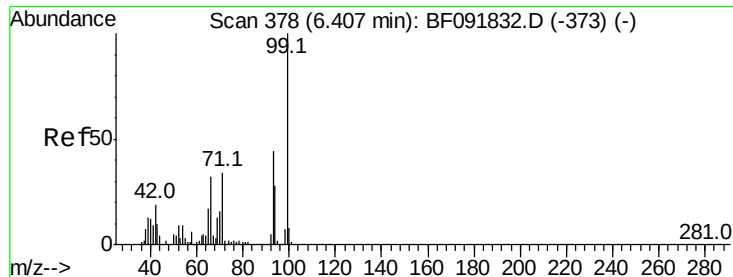
2-Fluorophenol
Concen: 71.41 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Tgt Ion:112 Resp: 875712
Ion Ratio Lower Upper
112 100
64 65.4 46.1 69.1
63 32.5 23.8 35.6



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: 46.05 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

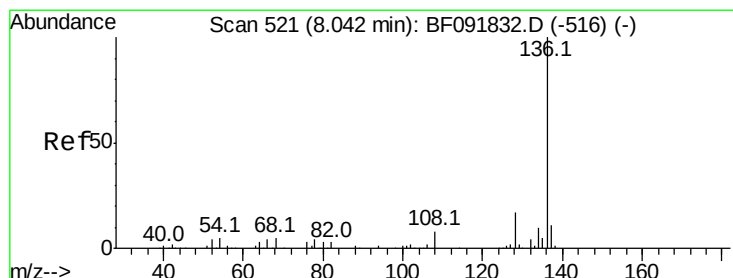
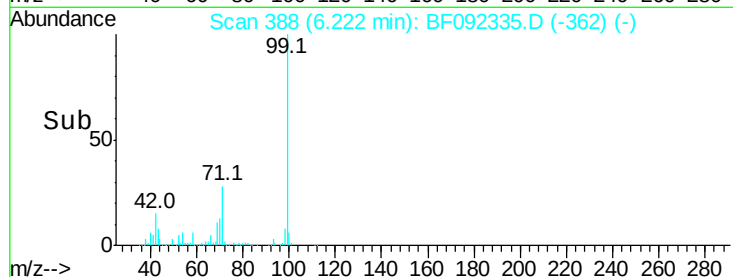
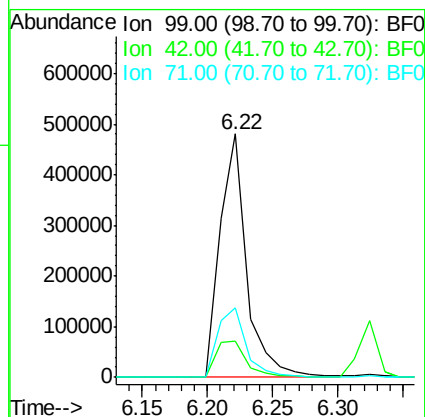
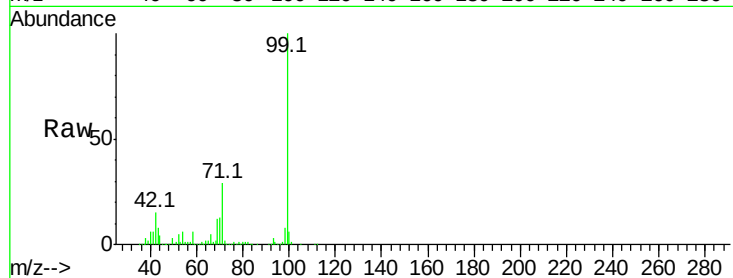
Tot Ion: 99 Resp: 689472

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

71 28.5 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Tgt Ion: 136 Resp: 849494

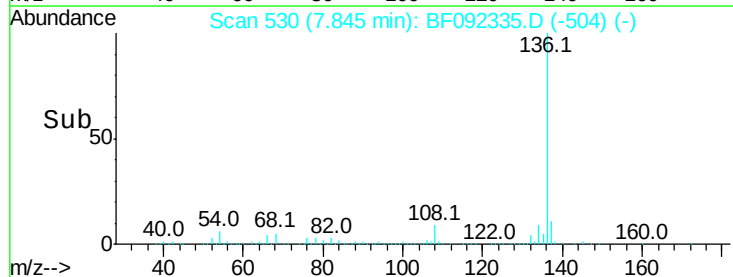
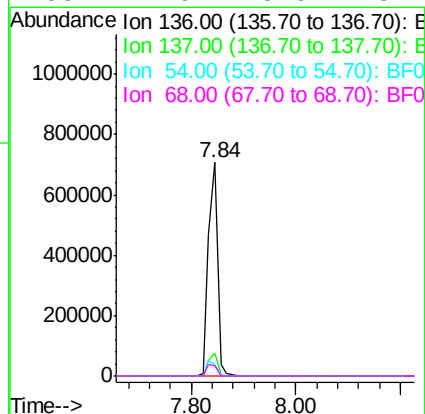
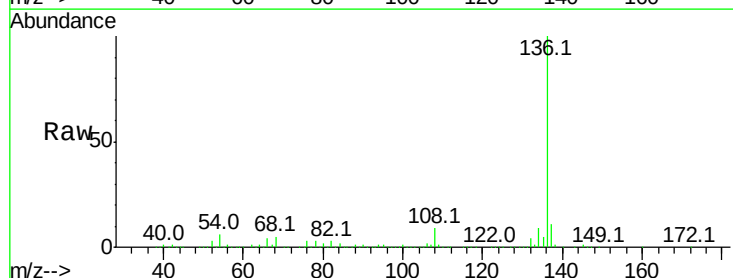
Ion Ratio Lower Upper

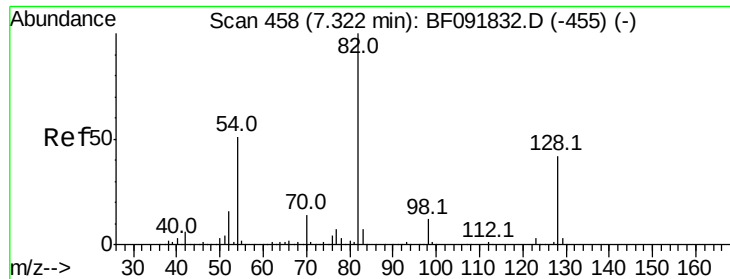
136 100

137 10.7 8.4 12.6

54 5.6 4.5 6.7

68 4.6 3.6 5.4



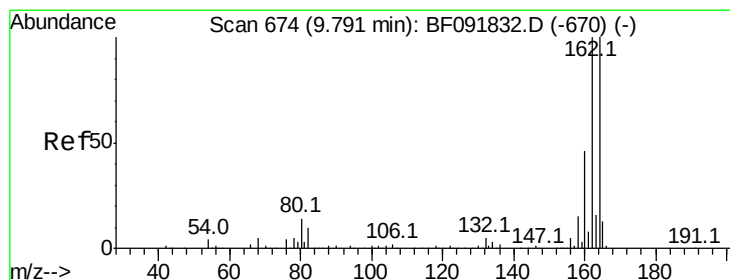
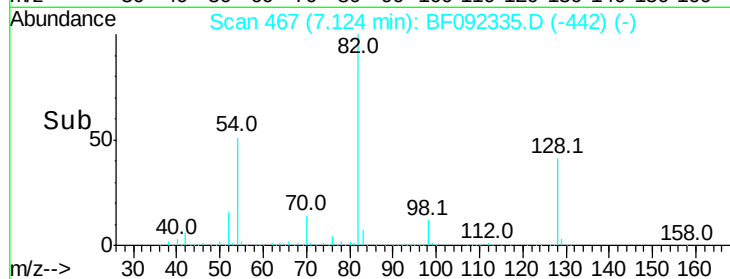
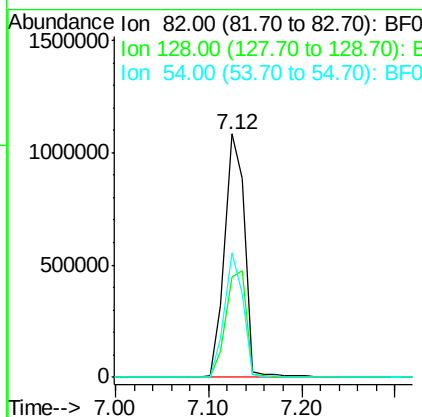
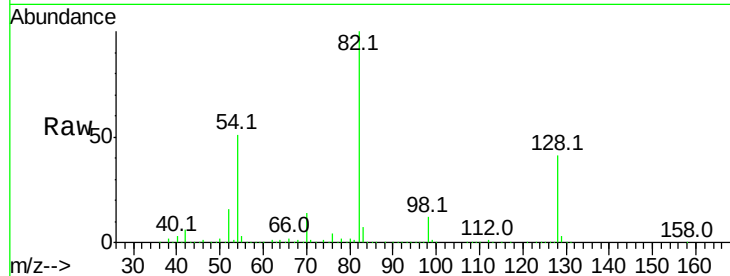


#23
 Nitrobenzene-d5
 Concen: 106.47 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Instrument :
 BNA_F
 ClientSampled :
 W-48

Tot Ion: 82 Resp: 1626499

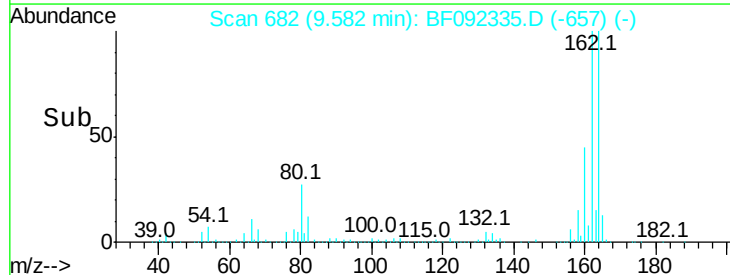
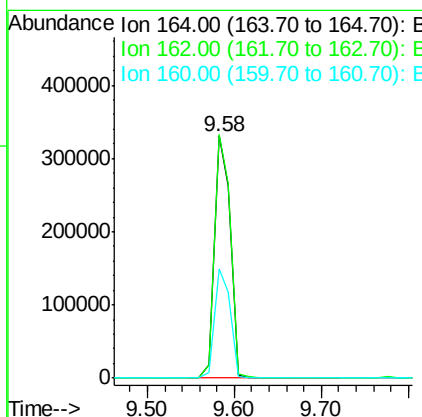
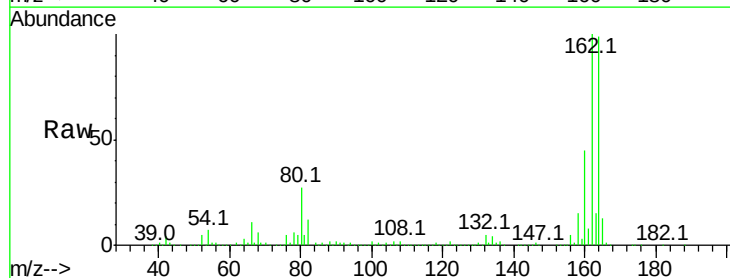
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	51.1	39.5	59.3

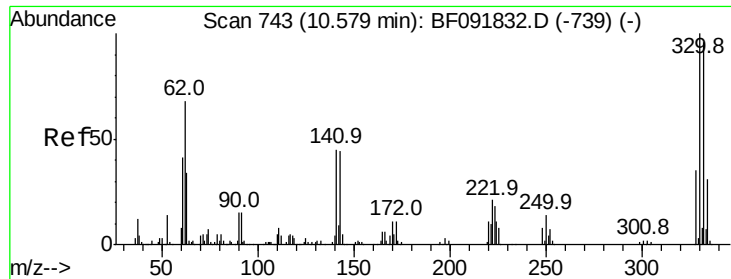


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Tgt Ion:164 Resp: 424268

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.9	36.9	55.3

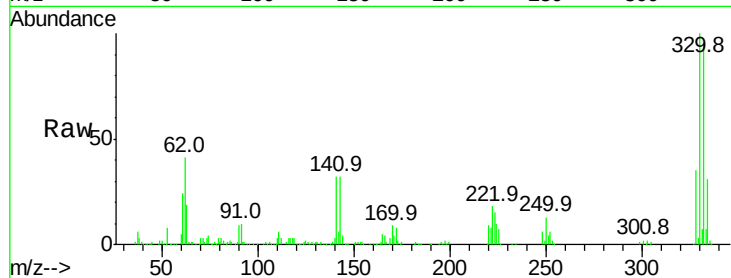




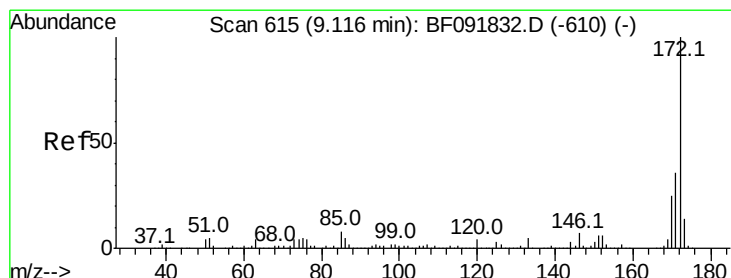
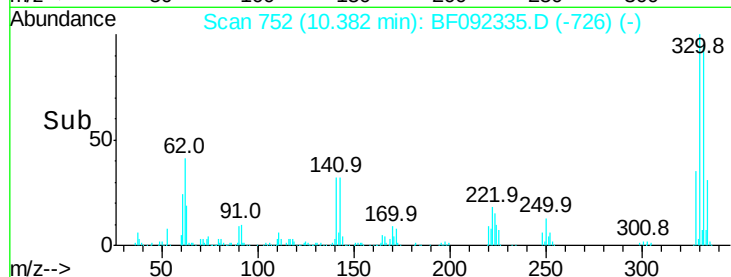
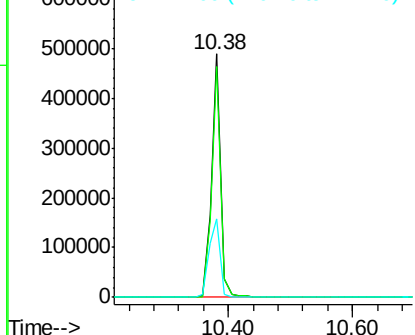
#41
 2,4,6-Tribromophenol
 Concen: 140.12 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Tot Ion:330 Resp: 491981
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 40.5 34.1 51.1

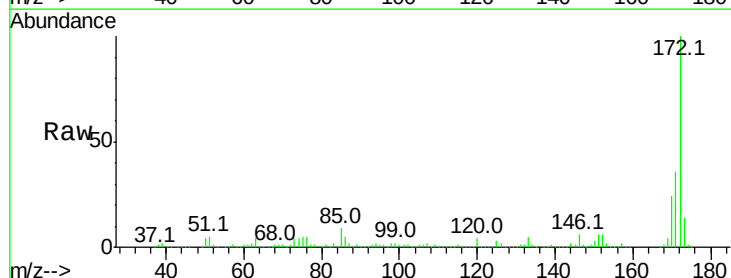


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

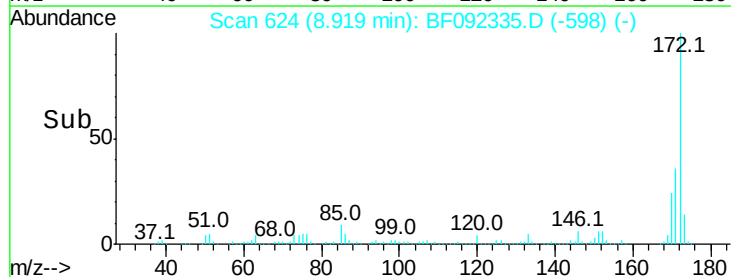
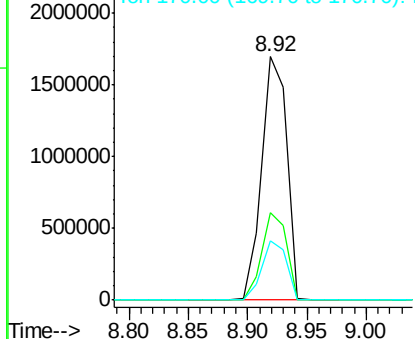


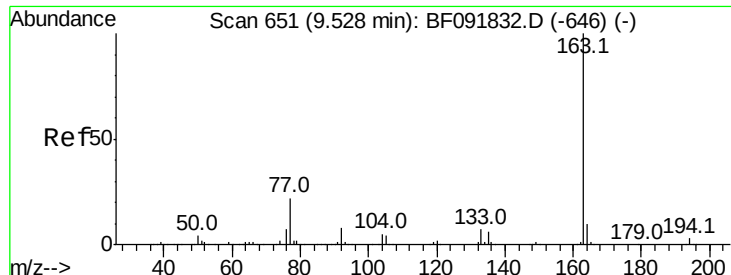
#44
 2-Fluorobiphenyl
 Concen: 128.76 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Tgt Ion:172 Resp: 2528765
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 20.2 30.4



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: 2.12 ng

RT: 9.32 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

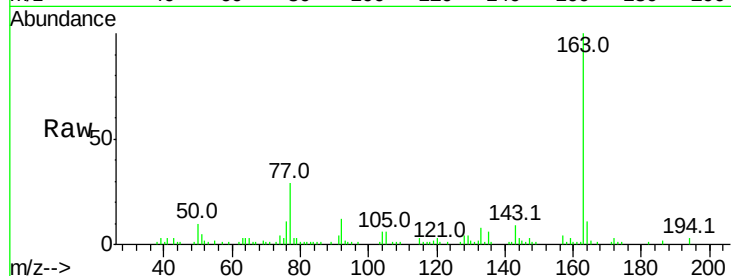
Tot Ion:163 Resp: 57409

Ion Ratio Lower Upper

163 100

194 2.8 3.0 4.4#

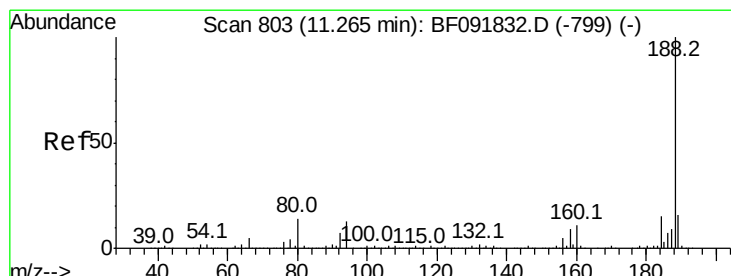
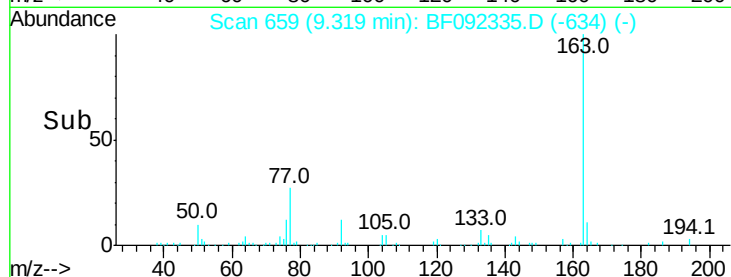
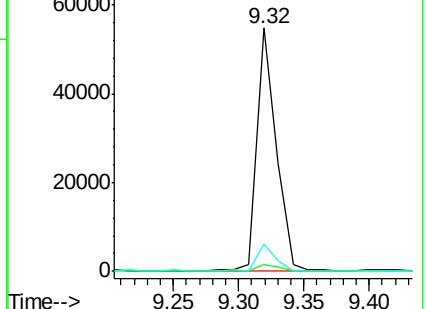
164 11.3 8.0 12.0



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: 11.07 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

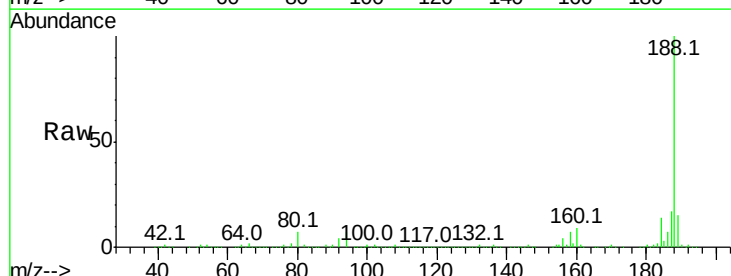
Tgt Ion:188 Resp: 680674

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

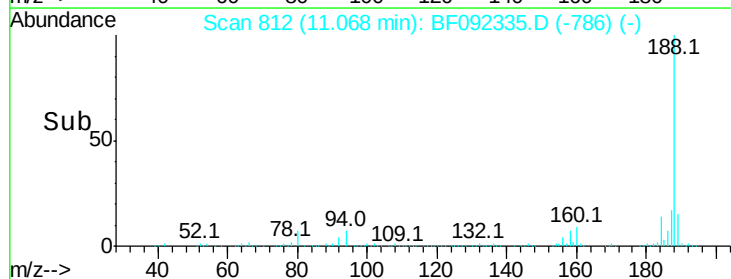
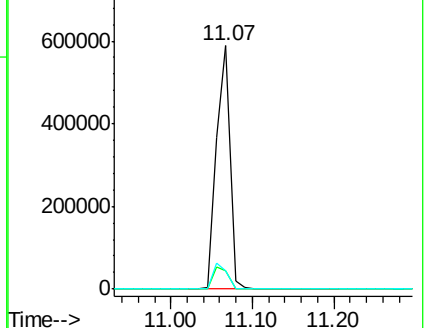
80 7.3 11.2 16.8#

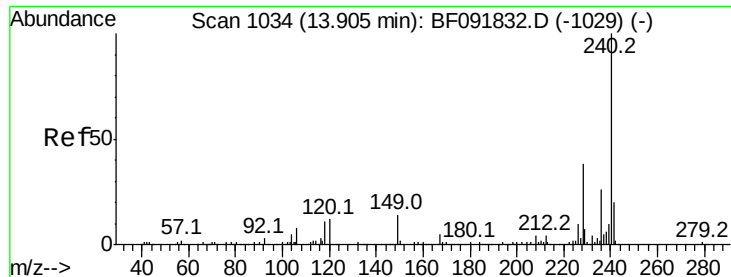


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

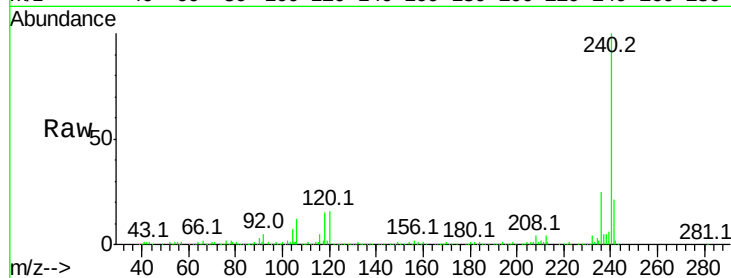
Tot Ion:240 Resp: 445137

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

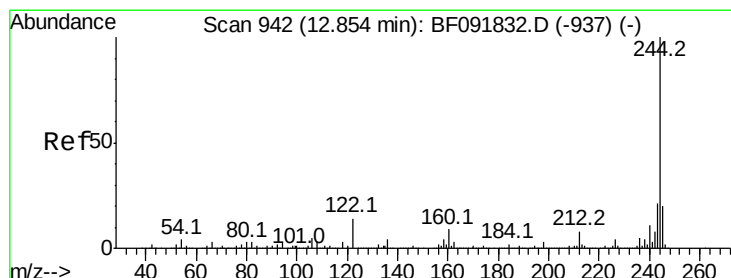
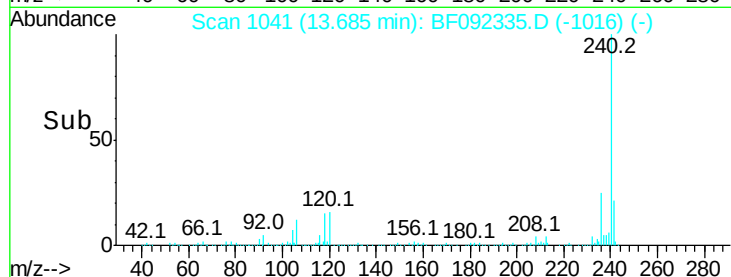
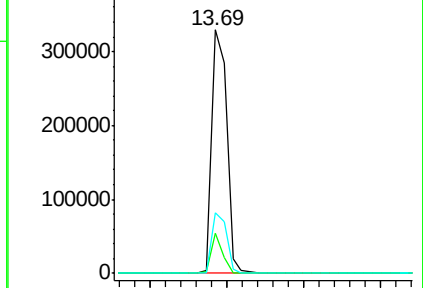
236 24.7 20.9 31.3



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: 107.49 ng

RT: 12.66 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

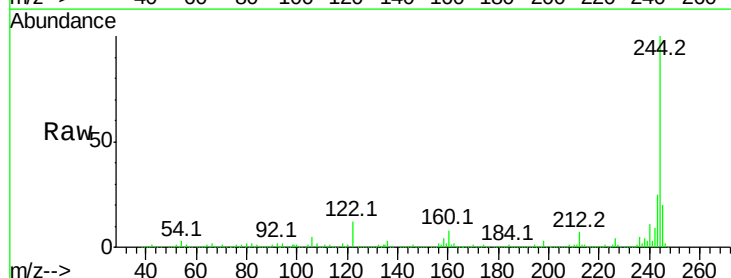
Tgt Ion:244 Resp: 1972842

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

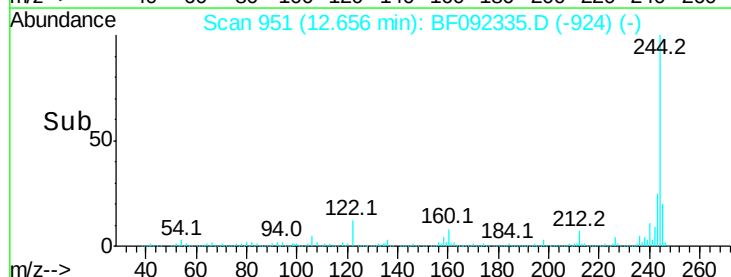
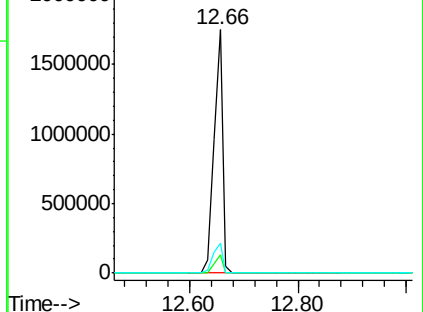
122 12.4 11.4 17.2

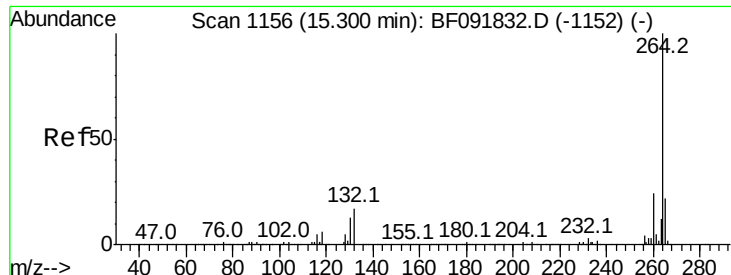


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

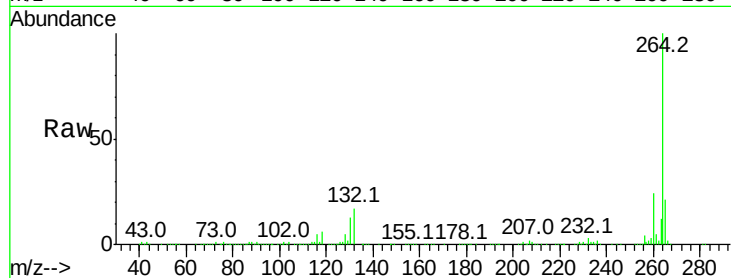




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Instrument :
BNA_F
ClientSampleId :
W-48

Tot Ion:	264	Resp:	350303
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.4	26.0



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

