

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011717\
 Data File : BF092338.D
 Acq On : 18 Jan 2017 1:43
 Operator : UM/SJ
 Sample : I1162-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-49-COMP

Quant Time: Jan 18 04:56:55 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

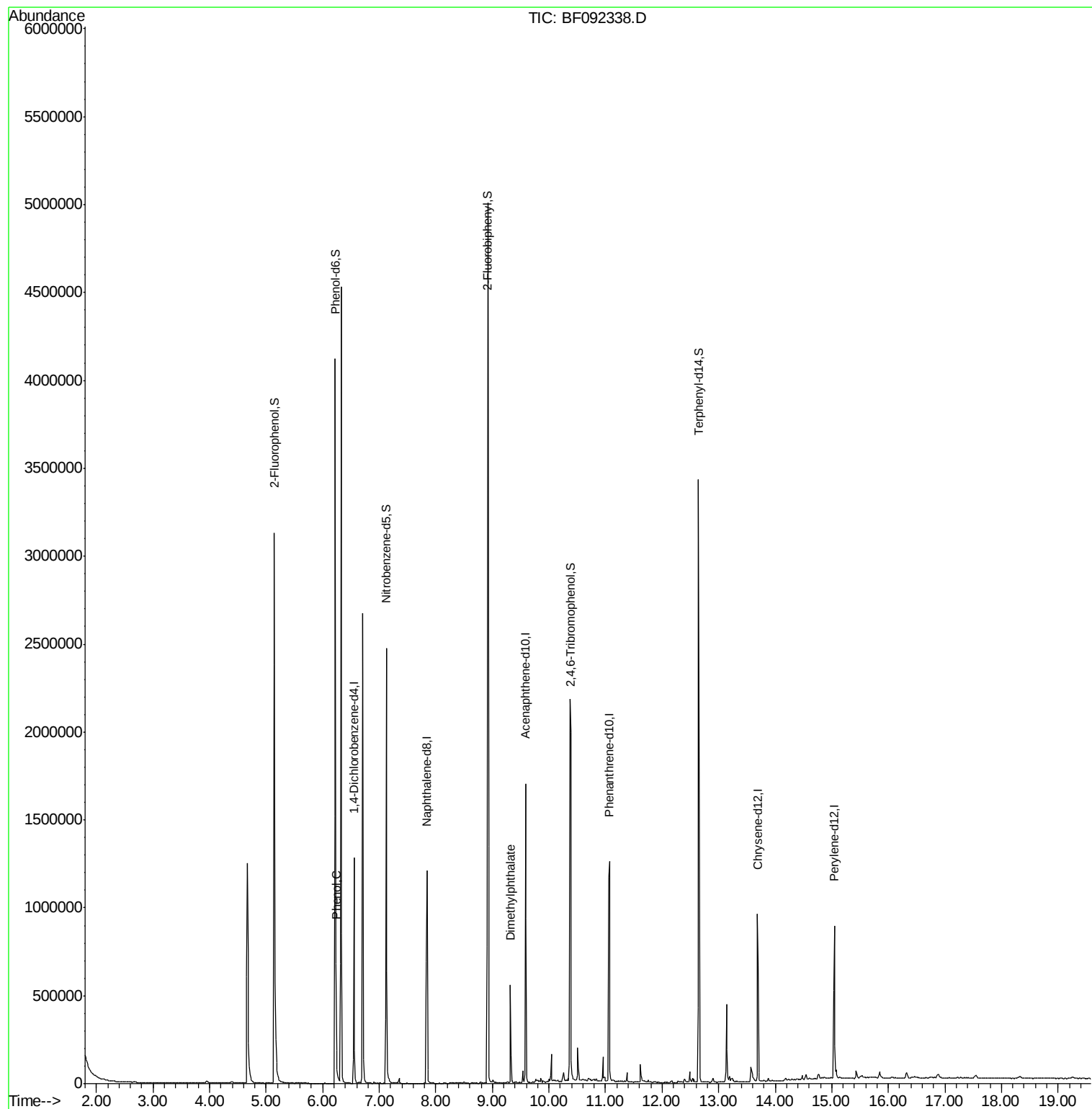
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	195151	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	712251	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	443735	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	694355	20.00	ng	0.00
75) Chrysene-d12	13.69	240	428477	20.00	ng	-0.01
86) Perylene-d12	15.05	264	406994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1354585	115.90	ng	0.01
7) Phenol-d6	6.22	99	1552665	108.81	ng	0.00
23) Nitrobenzene-d5	7.12	82	890205	69.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	419330	114.19	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1674108	75.92	ng	0.00
78) Terphenyl-d14	12.64	244	1344726	76.11	ng	0.00
Target Compounds						
10) Phenol	6.23	94	94104	5.79	ng	# 72
49) Dimethylphthalate	9.32	163	234075	8.25	ng	# 98

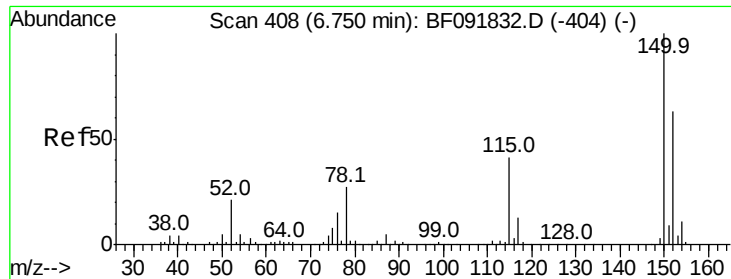
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

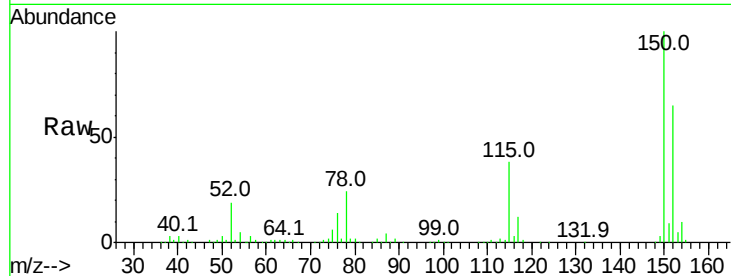
Tot Ion:152 Resp: 195151

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

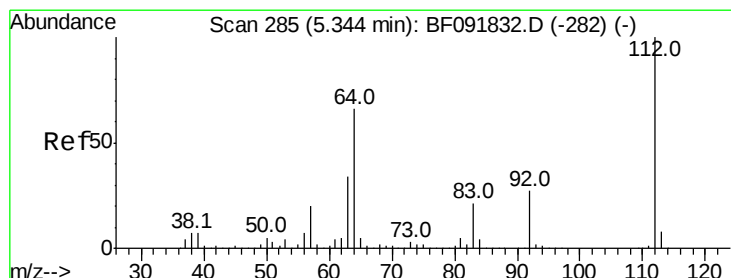
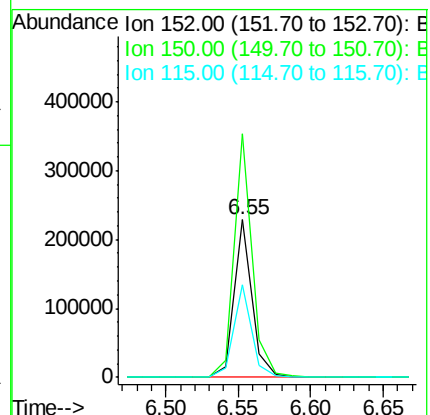
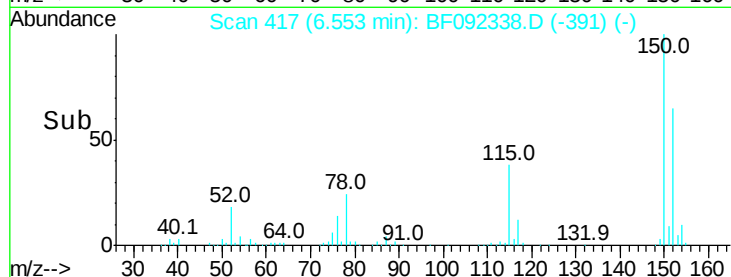
115 58.9 46.0 69.0



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: 115.90 ng

RT: 5.15 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

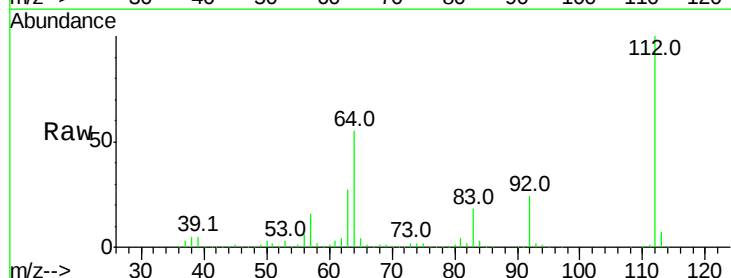
Tgt Ion:112 Resp: 1354585

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

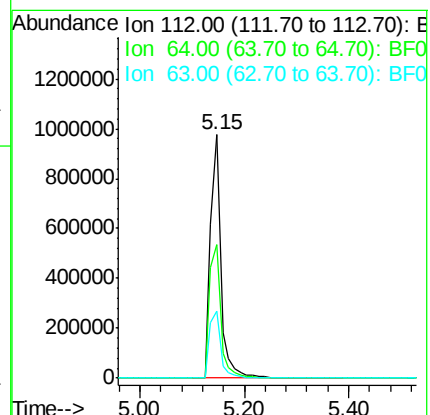
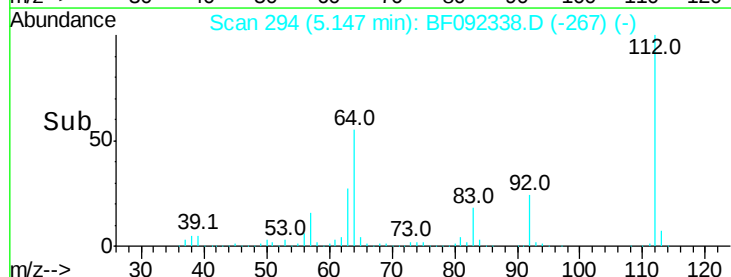
63 27.5 23.8 35.6



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: 108.81 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

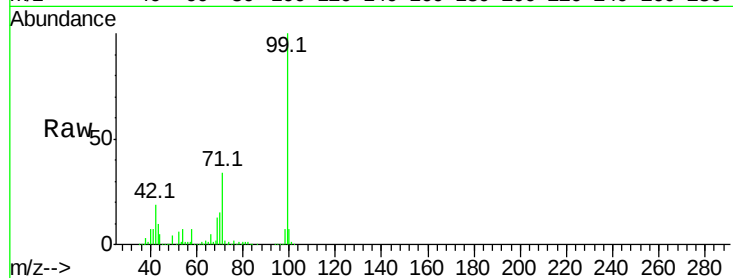
Tot Ion: 99 Resp: 1552665

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

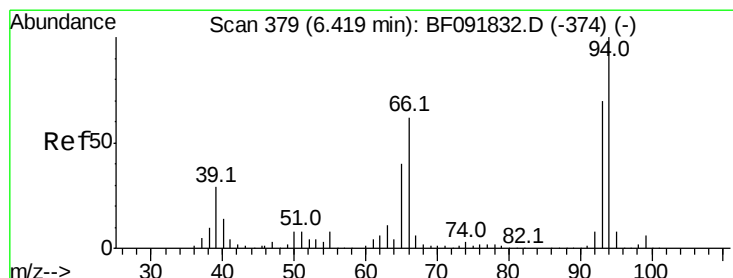
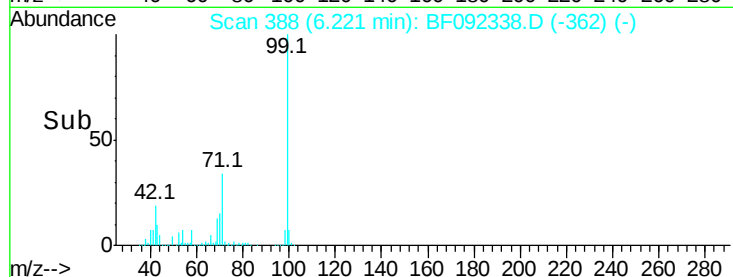
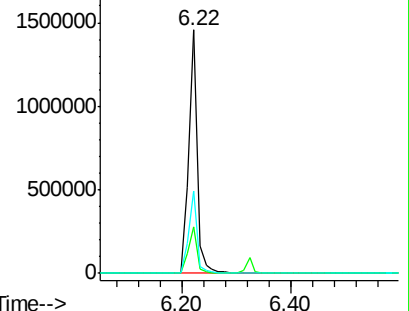
71 34.0 27.5 41.3



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



#10

Phenol

Concen: 5.79 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

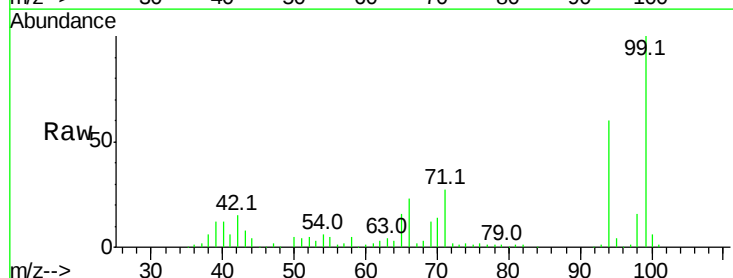
Tgt Ion: 94 Resp: 94104

Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

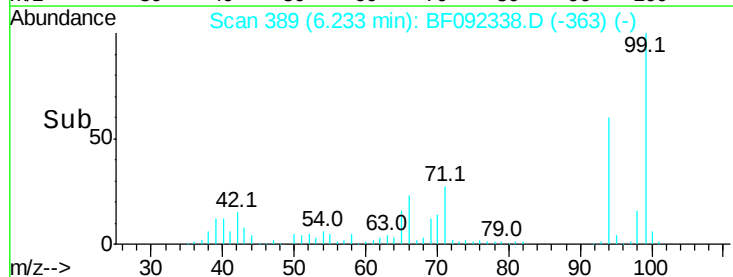
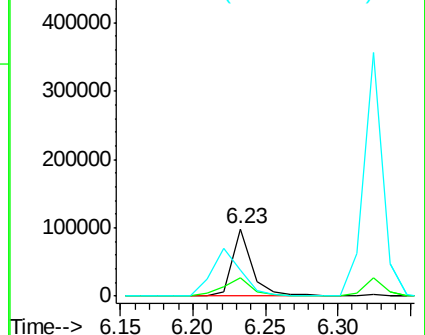
66 38.8 44.0 84.0#

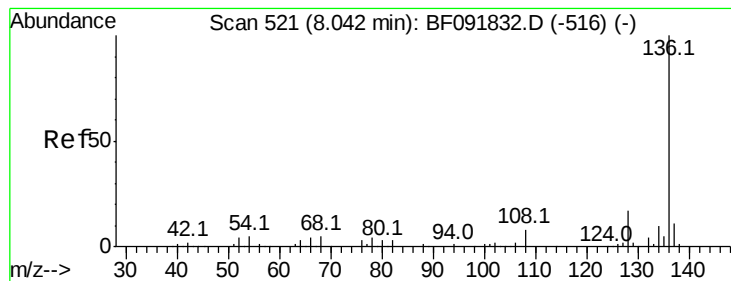


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

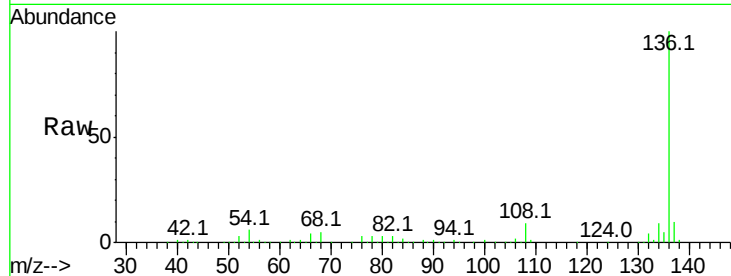




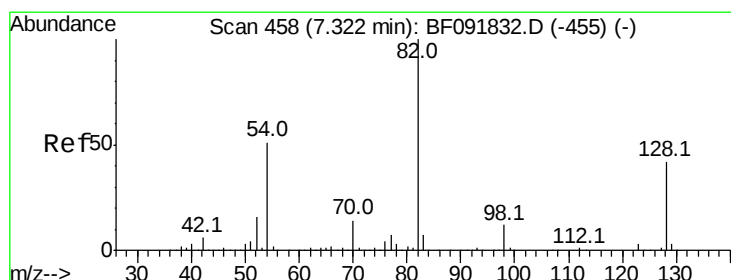
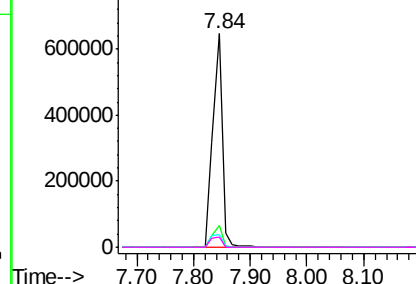
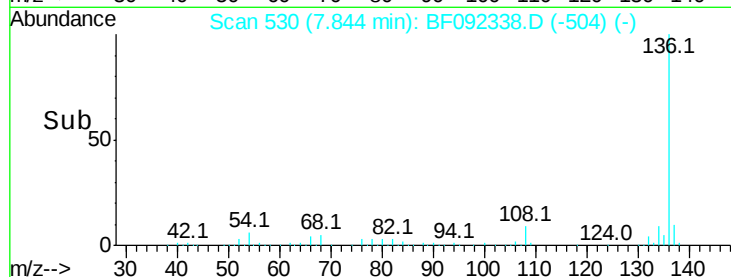
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Tot Ion:136	Resp:	712251
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.4	12.6
54 6.1	4.5	6.7
68 4.9	3.6	5.4

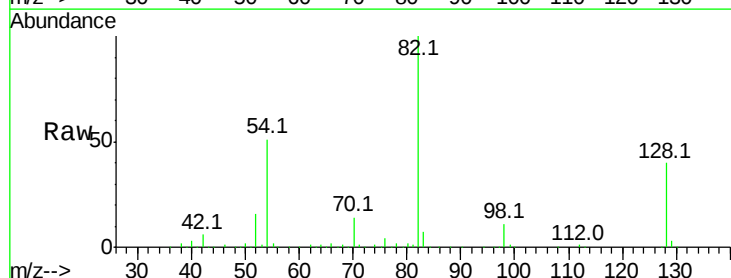


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

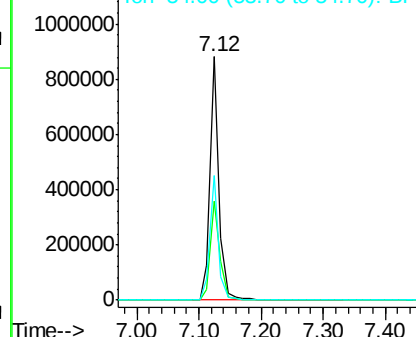
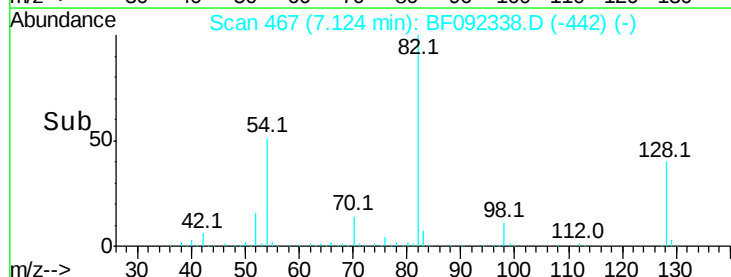


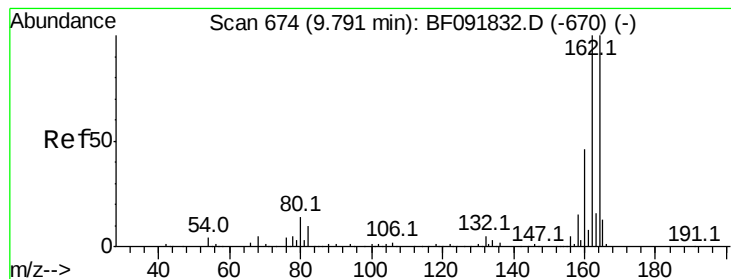
#23
Nitrobenzene-d5
Concen: 69.50 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Tgt Ion: 82	Resp:	890205
Ion Ratio	Lower	Upper
82 100		
128 40.4	34.6	52.0
54 51.1	39.5	59.3



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: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

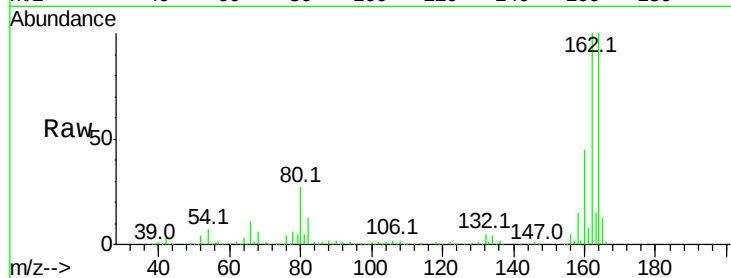
Tot Ion:164 Resp: 443735

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

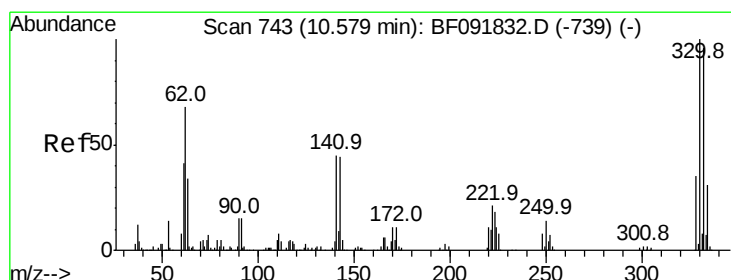
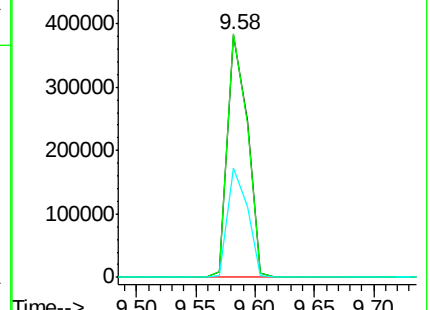
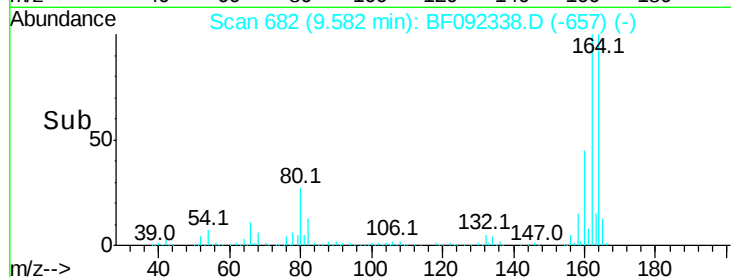
160 45.1 36.9 55.3



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: 114.19 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

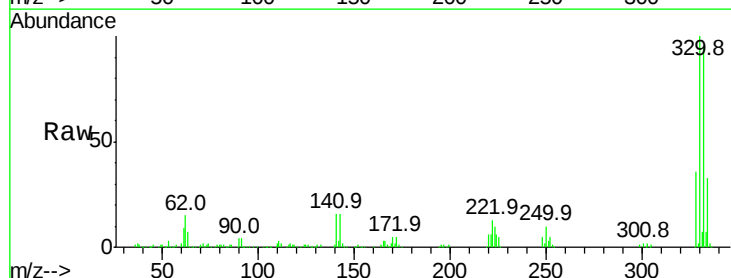
Tgt Ion:330 Resp: 419330

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

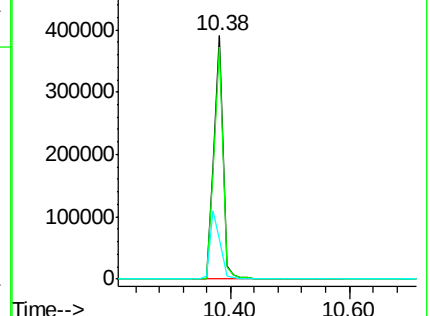
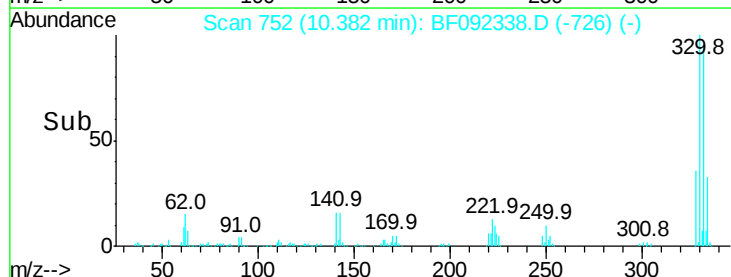
141 30.9 34.1 51.1#



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

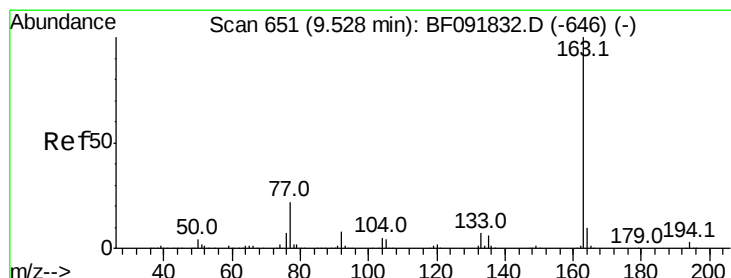
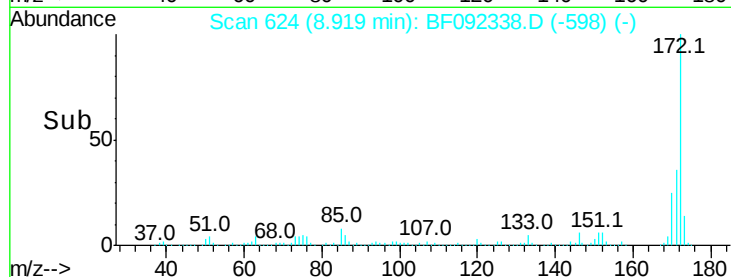
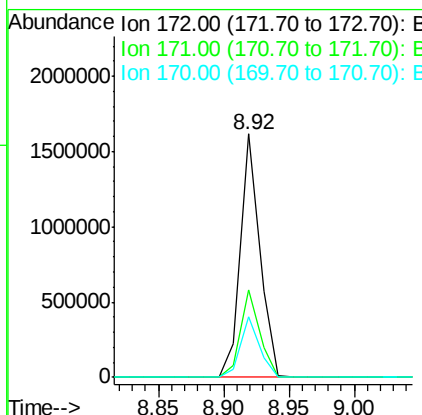
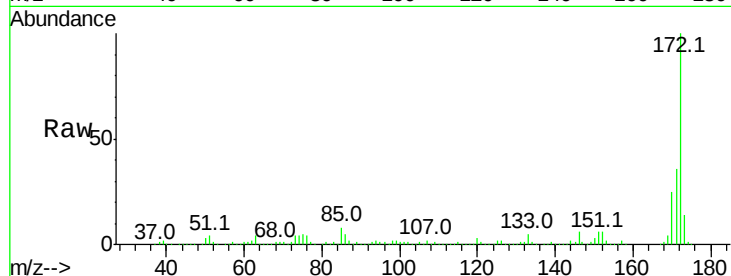




#44
2-Fluorobiphenyl
Concen: 75.92 ng
RT: 8.92 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

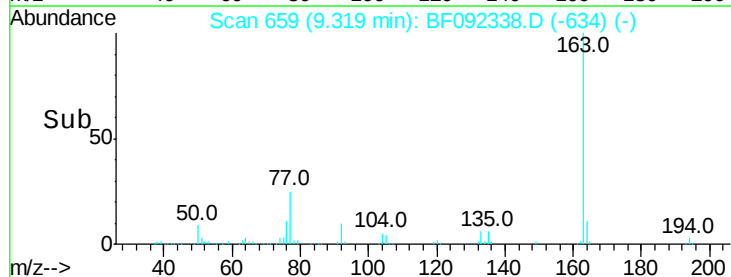
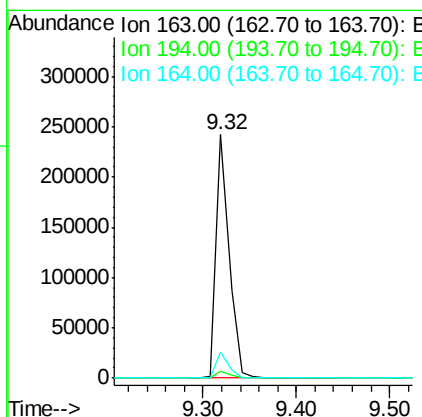
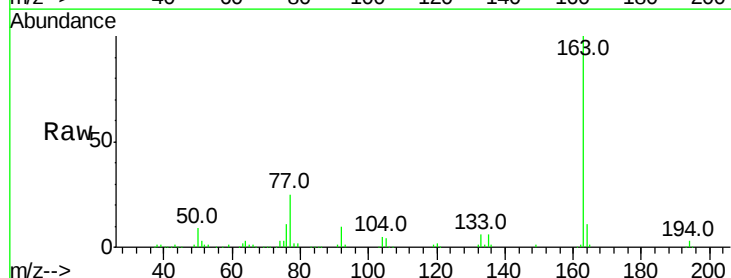
Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

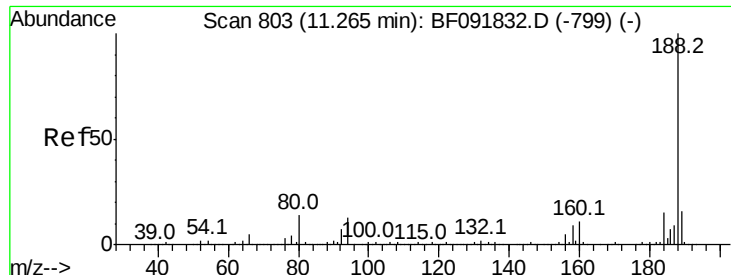
Tot Ion:172 Resp: 1674108
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.7 20.2 30.4



#49
Dimethylphthalate
Concen: 8.25 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Tgt Ion:163 Resp: 234075
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.5 8.0 12.0

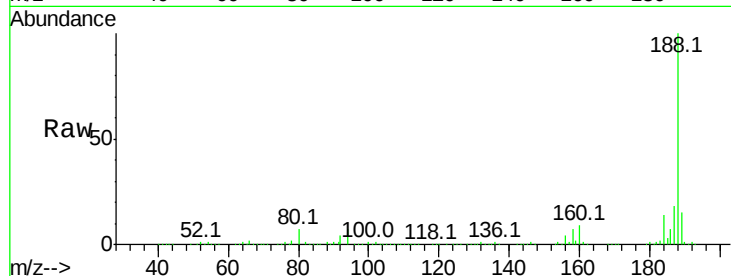




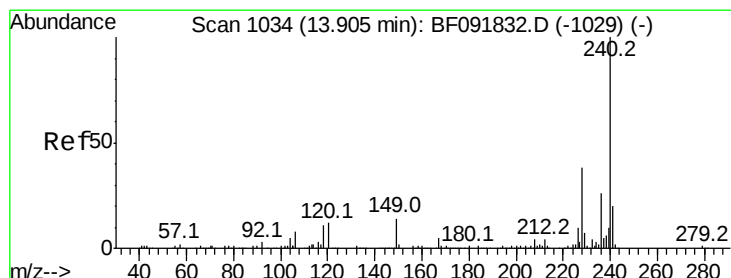
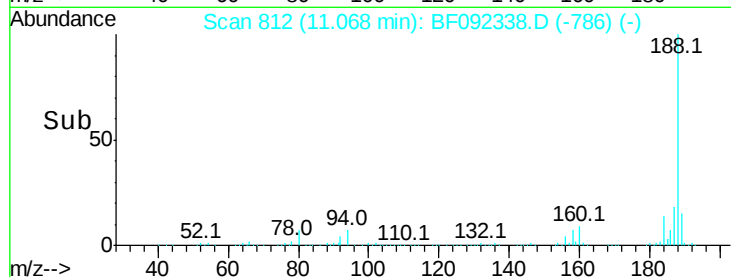
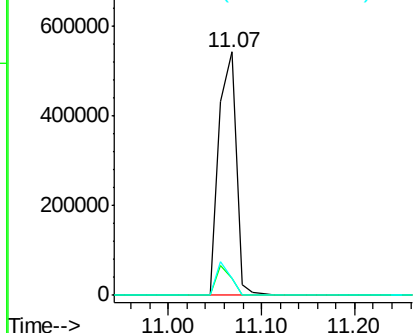
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Instrument :
BNA_F
ClientSampleId :
SB-49-COMP

Tot Ion:188 Resp: 694355
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.2 11.2 16.8#

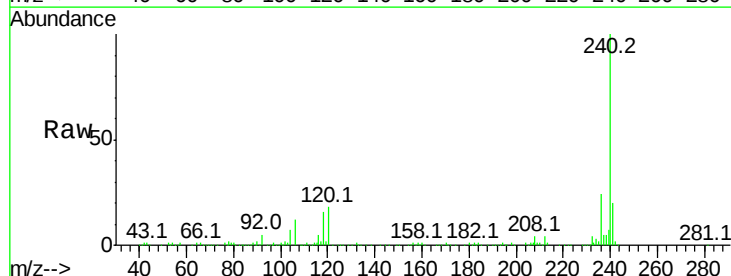


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

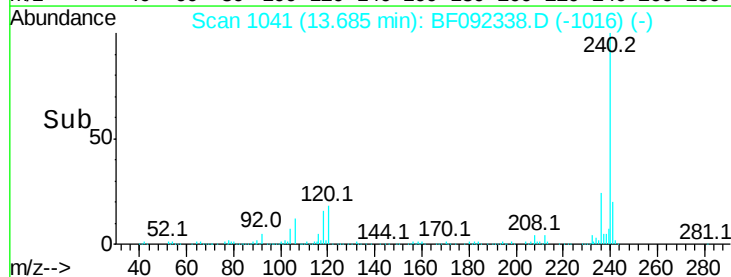
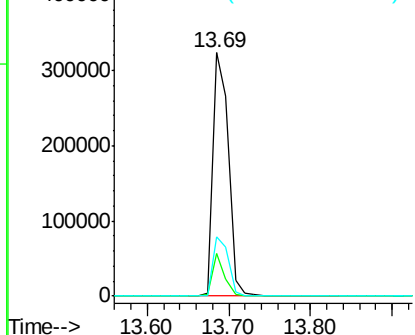


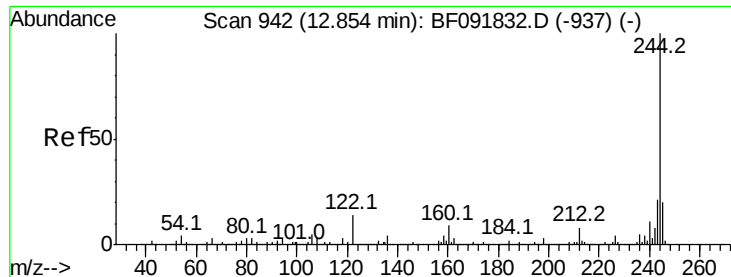
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092338.D
Acq: 18 Jan 2017 1:43

Tgt Ion:240 Resp: 428477
Ion Ratio Lower Upper
240 100
120 17.7 12.9 19.3
236 24.3 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: 76.11 ng

RT: 12.64 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

Instrument :

BNA_F

ClientSampleId :

SB-49-COMP

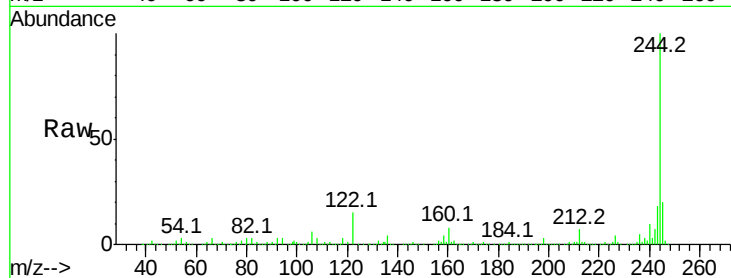
Tot Ion:244 Resp: 1344726

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

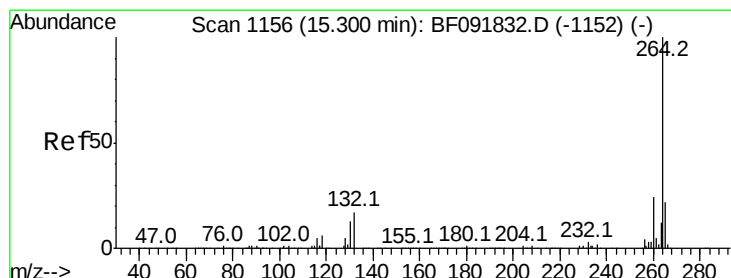
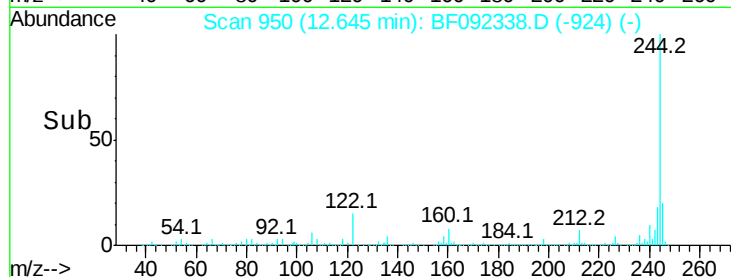
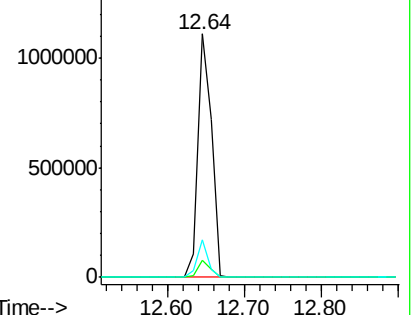
122 15.2 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.05 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF092338.D

Acq: 18 Jan 2017 1:43

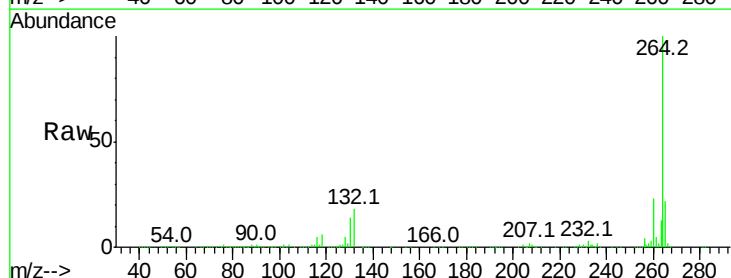
Tgt Ion:264 Resp: 406994

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.7 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

