

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092277.D
 Acq On : 14 Jan 2017 11:30
 Operator : UM/SJ
 Sample : I1162-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Quant Time: Jan 16 03:44:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

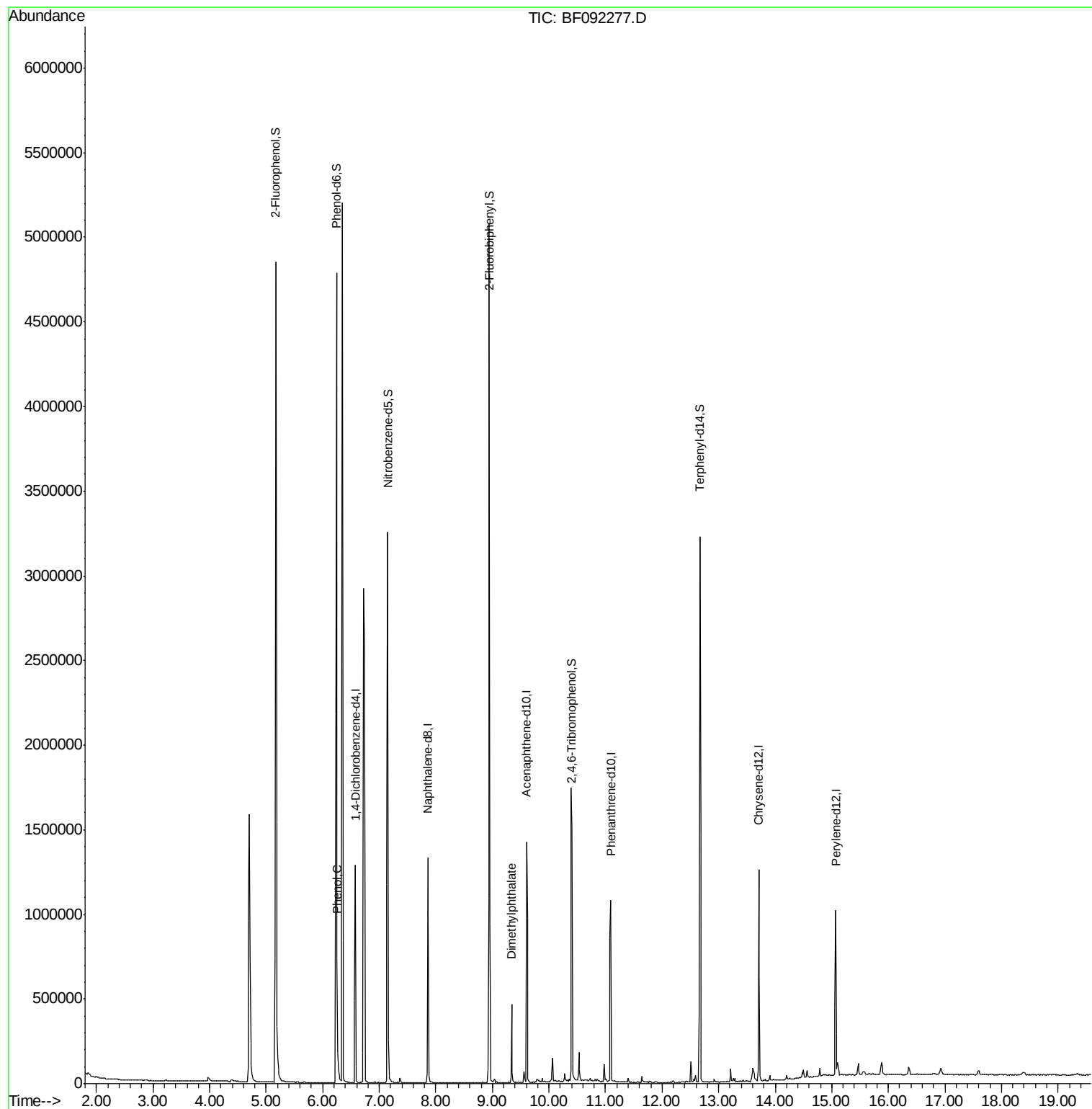
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	221095	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	862331	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	412113	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	555889	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	488085	20.00	ng	-0.02
86) Perylene-d12	15.07	264	416856	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1578638	119.22	ng	0.00
7) Phenol-d6	6.24	99	1894064	117.16	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1181517	76.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	319129	93.57	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1674446	82.94	ng	-0.01
78) Terphenyl-d14	12.67	244	1191025	59.18	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	115163	6.25	ng	Qvalue # 69
49) Dimethylphthalate	9.34	163	180003	6.83	ng	99

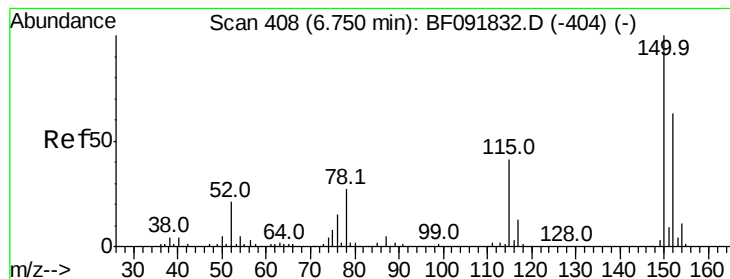
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

Instrument :

BNA_F

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SB-47-COMP

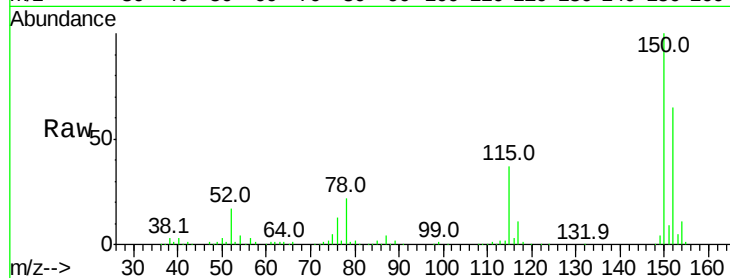
Tot Ion:152 Resp: 221095

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

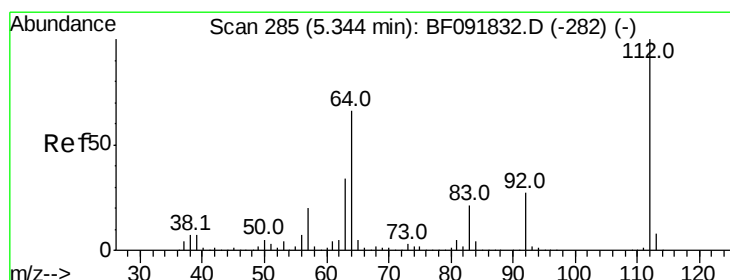
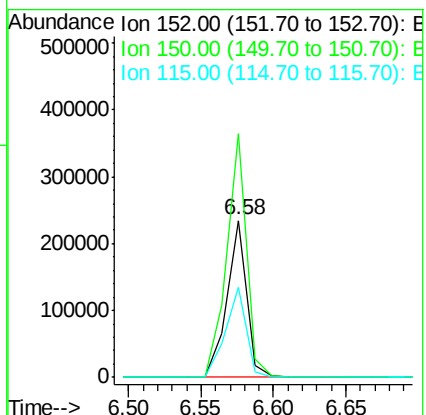
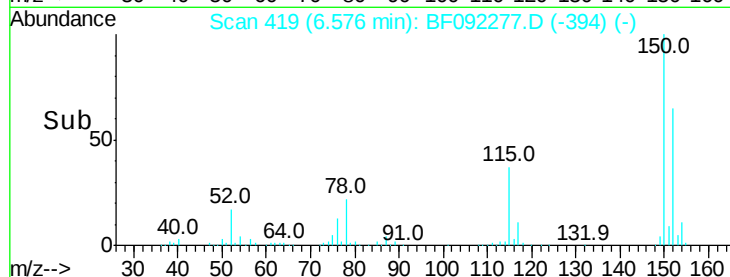
115 57.1 46.0 69.0



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: 119.22 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

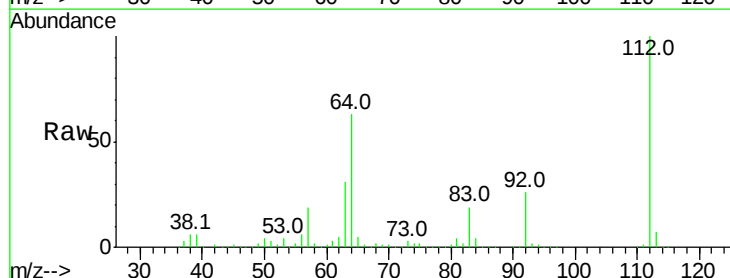
Tgt Ion:112 Resp: 1578638

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

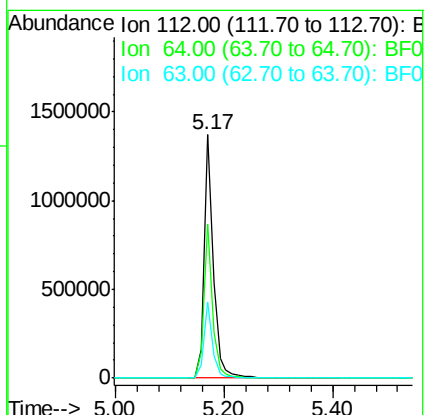
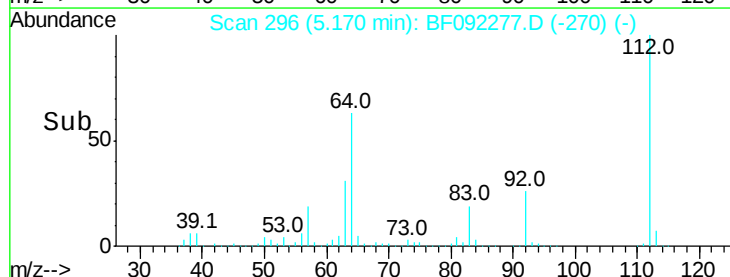
63 31.2 23.8 35.6



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: 117.16 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

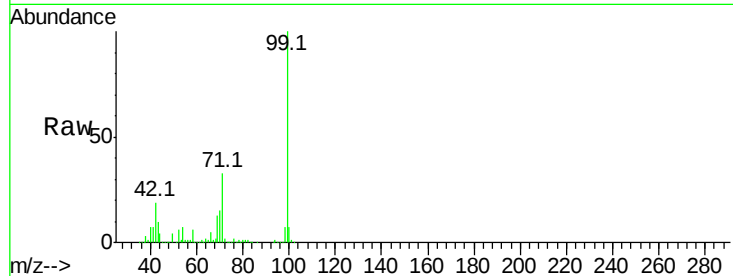
Tot Ion: 99 Resp: 1894064

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

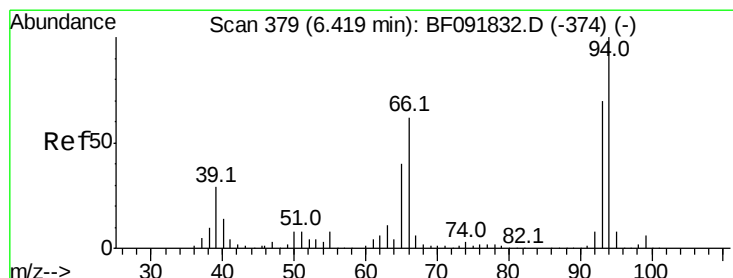
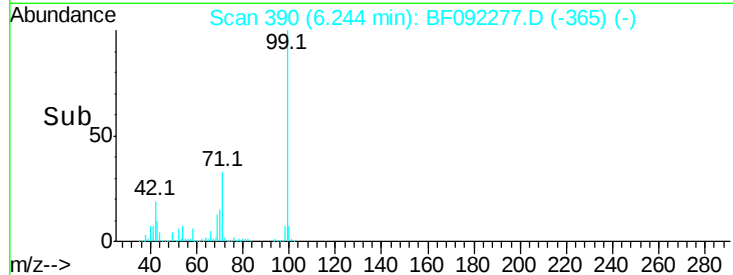
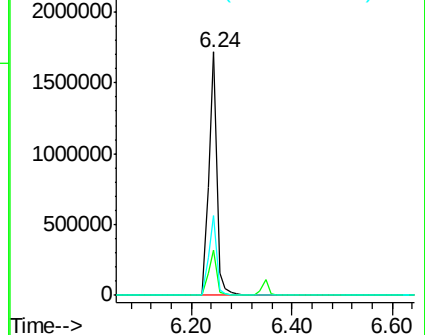
71 32.8 27.5 41.3



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: 6.25 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

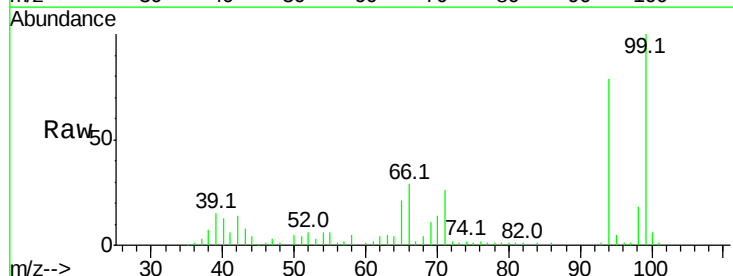
Tgt Ion: 94 Resp: 115163

Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

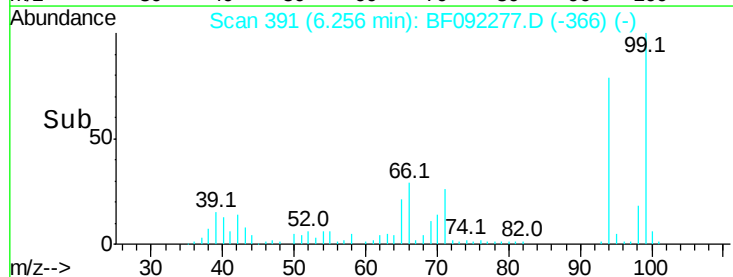
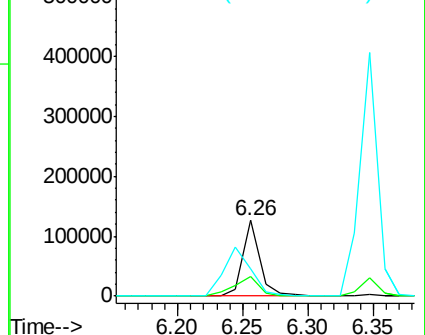
66 36.4 44.0 84.0#

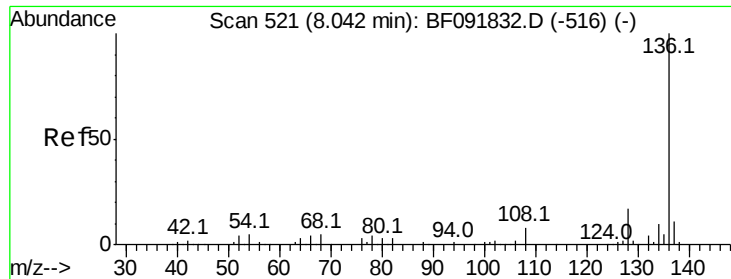


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

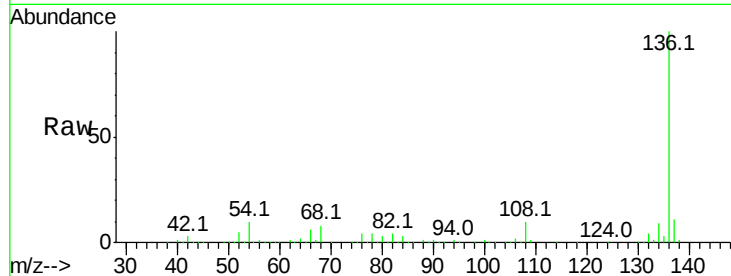




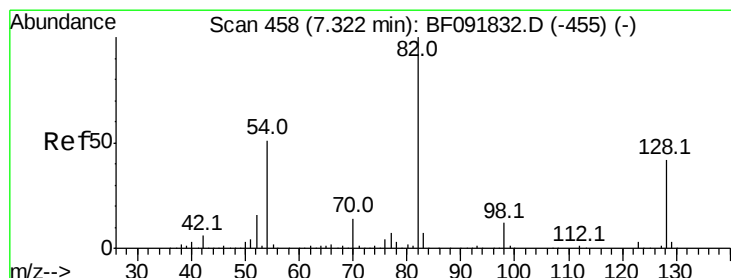
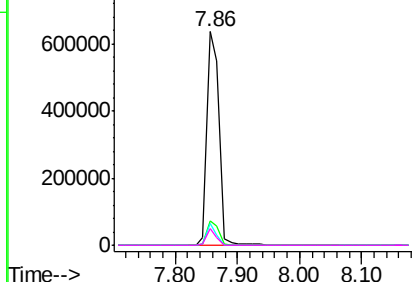
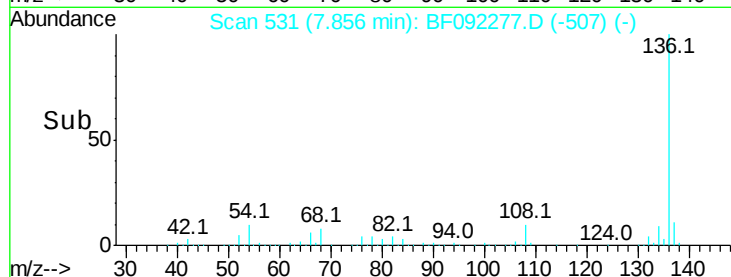
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092277.D
Acq: 14 Jan 2017 11:30

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion:	136	Resp:	862331
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.9	4.5	6.7#
68	8.0	3.6	5.4#

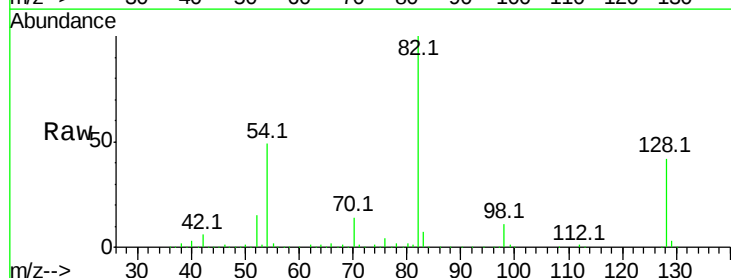


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

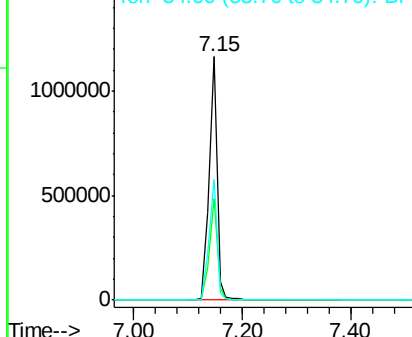
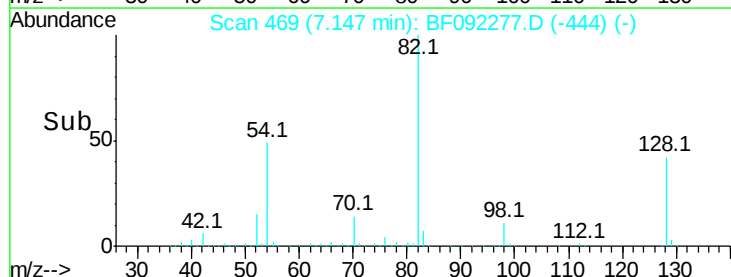


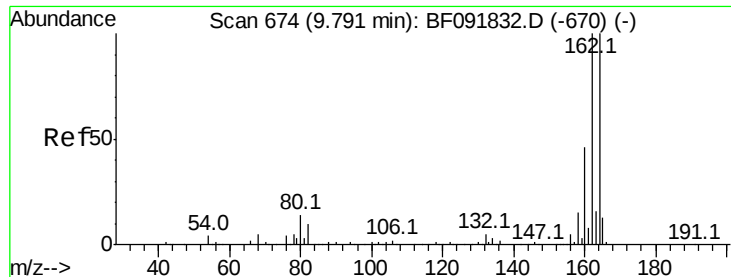
#23
Nitrobenzene-d5
Concen: 76.19 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092277.D
Acq: 14 Jan 2017 11:30

Tgt Ion:	82	Resp:	1181517
Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	49.5	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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

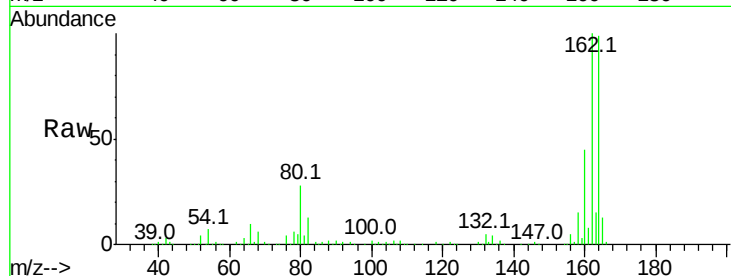
Tot Ion:164 Resp: 412113

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

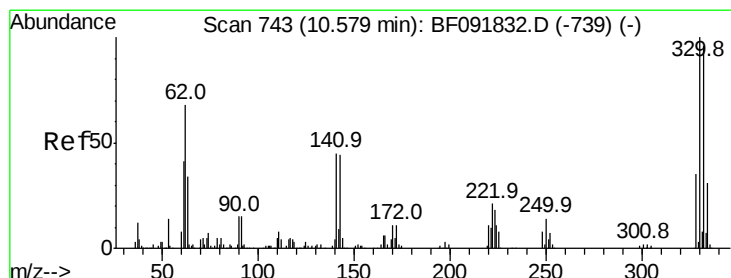
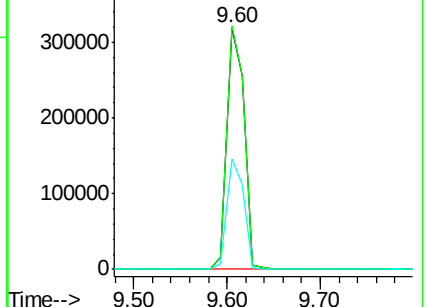
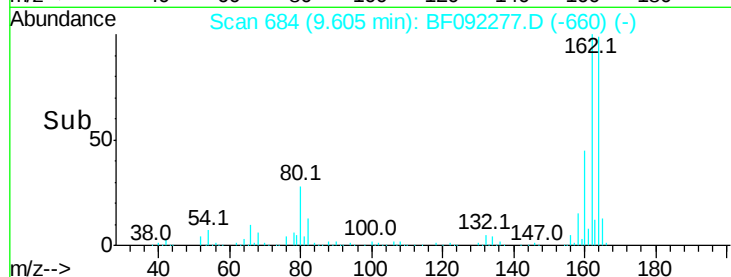
160 45.7 36.9 55.3



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: 93.57 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

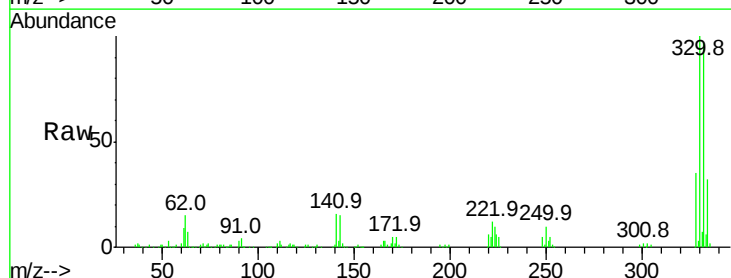
Tgt Ion:330 Resp: 319129

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

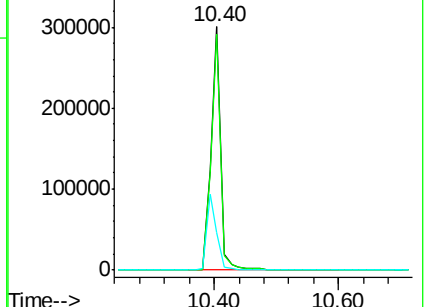
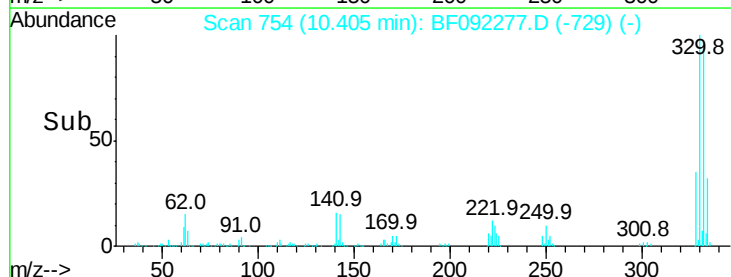
141 32.9 34.1 51.1#



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



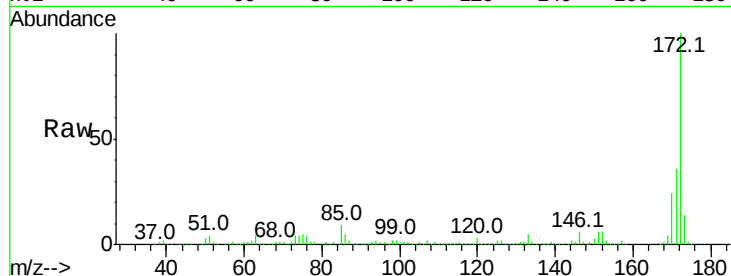


#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

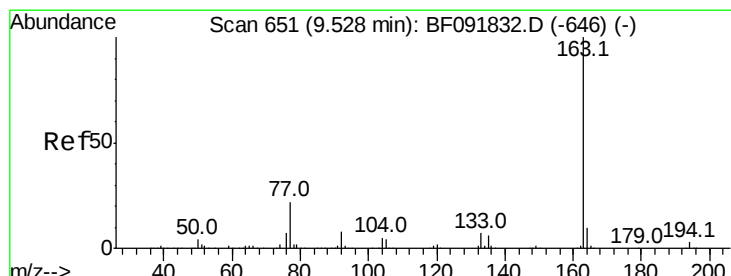
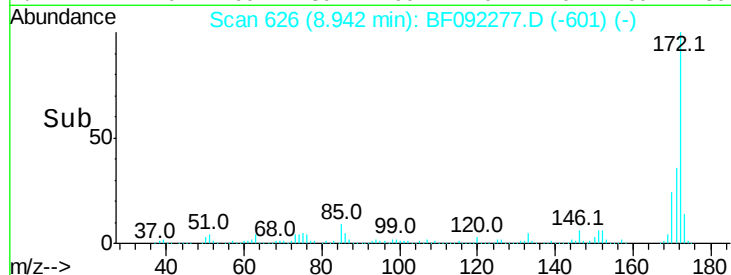
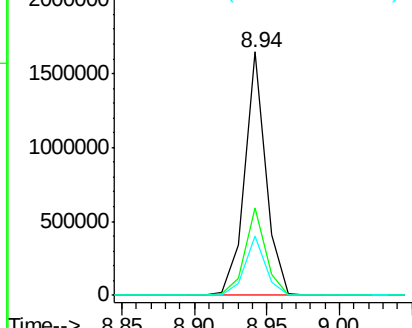
Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tot Ion:172 Resp: 1674446

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	20.2	30.4



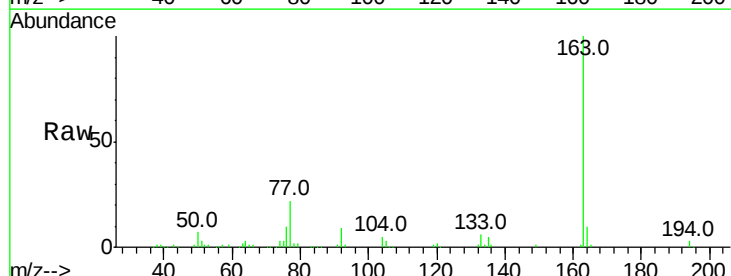
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



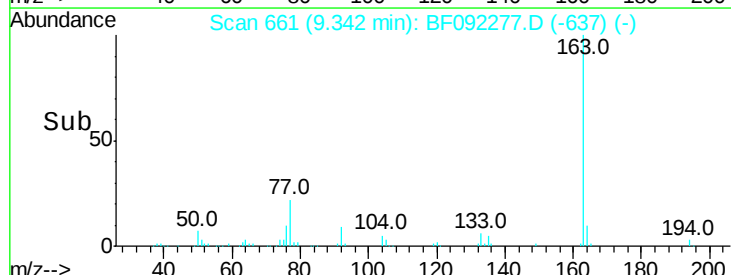
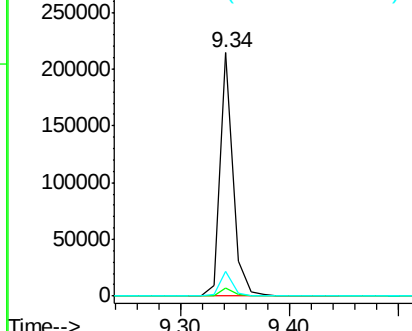
#49
 Dimethylphthalate
 Concen: 6.83 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

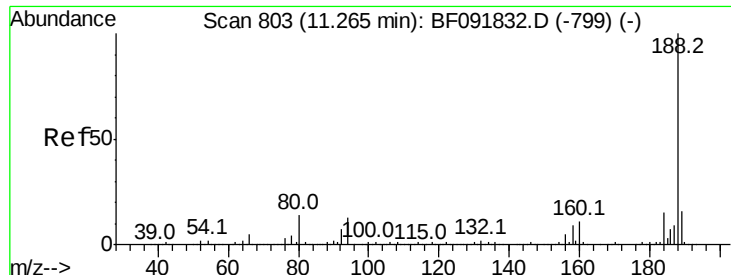
Tgt Ion:163 Resp: 180003

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.2	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

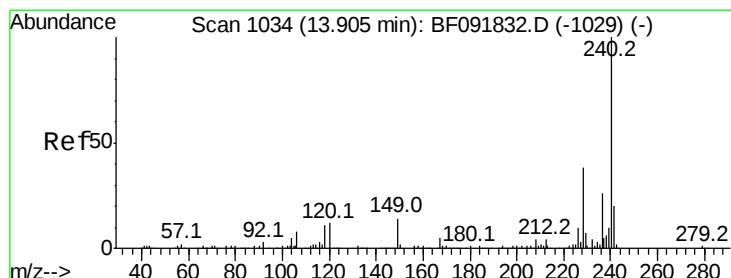
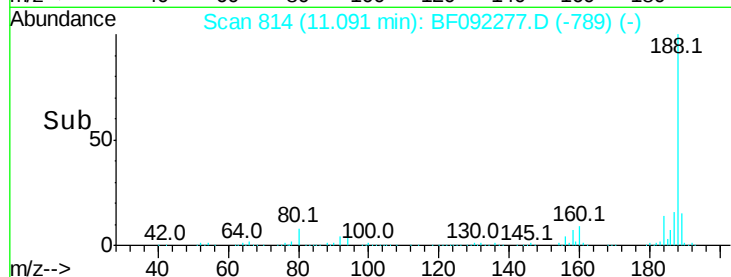
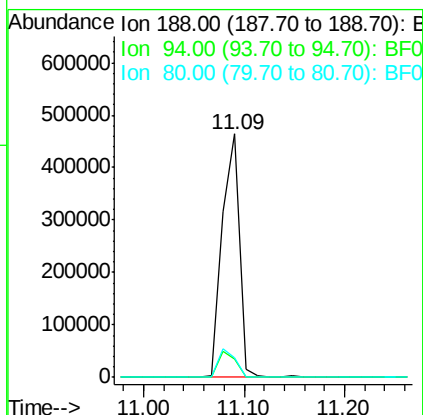
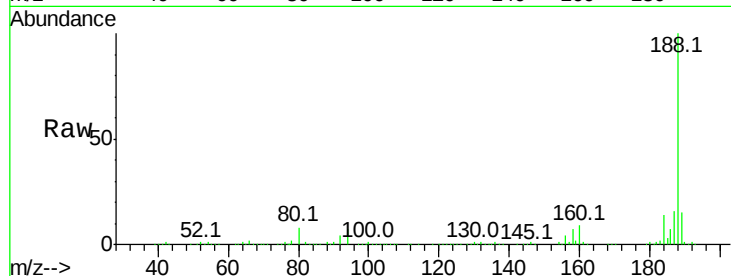




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

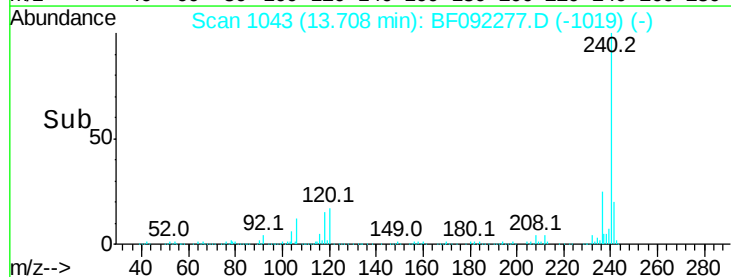
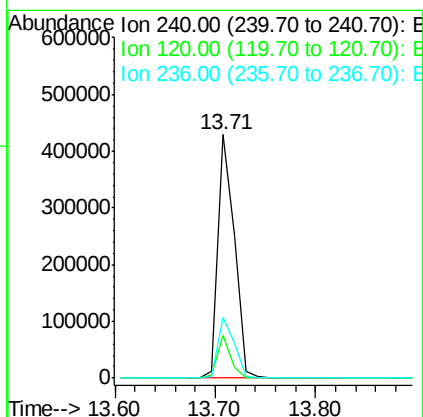
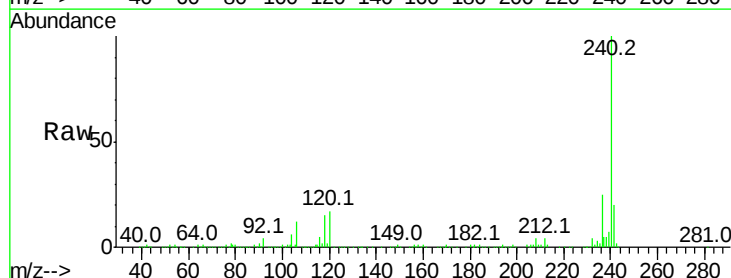
Instrument :
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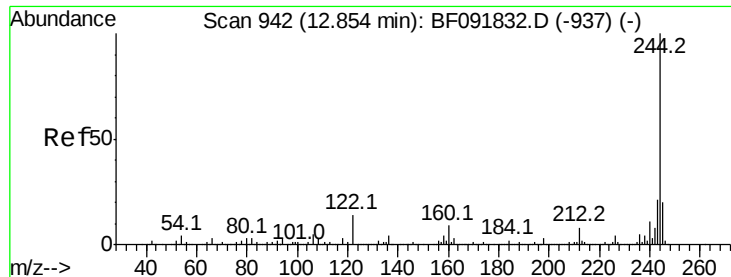
Tot Ion:188 Resp: 555889
 Ion Ratio Lower Upper
 188 100
 94 7.5 10.0 15.0#
 80 7.8 11.2 16.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Tgt Ion:240 Resp: 488085
 Ion Ratio Lower Upper
 240 100
 120 17.3 12.9 19.3
 236 25.0 20.9 31.3

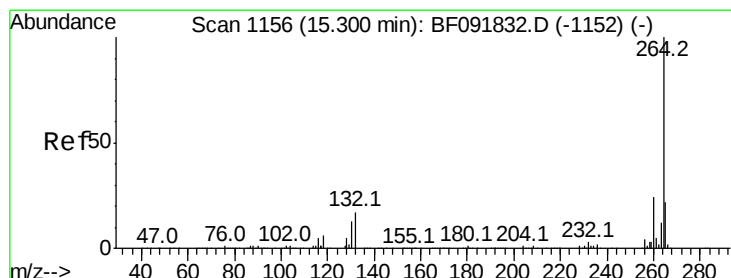
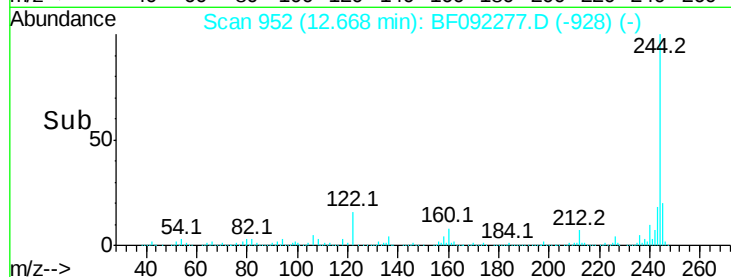
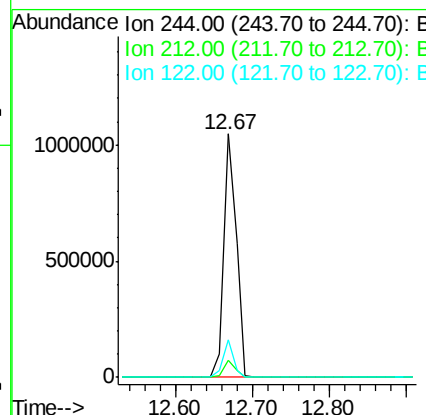
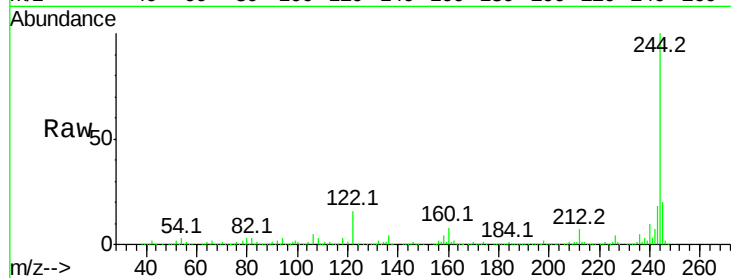




#78
 Terphenyl-d14
 Concen: 59.18 ng
 RT: 12.67 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tot Ion:244 Resp: 1191025
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 15.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Tgt Ion:264 Resp: 416856
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.8 17.4 26.0

