

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092280.D
 Acq On : 14 Jan 2017 12:55
 Operator : UM/SJ
 Sample : I1162-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jan 16 03:51:36 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

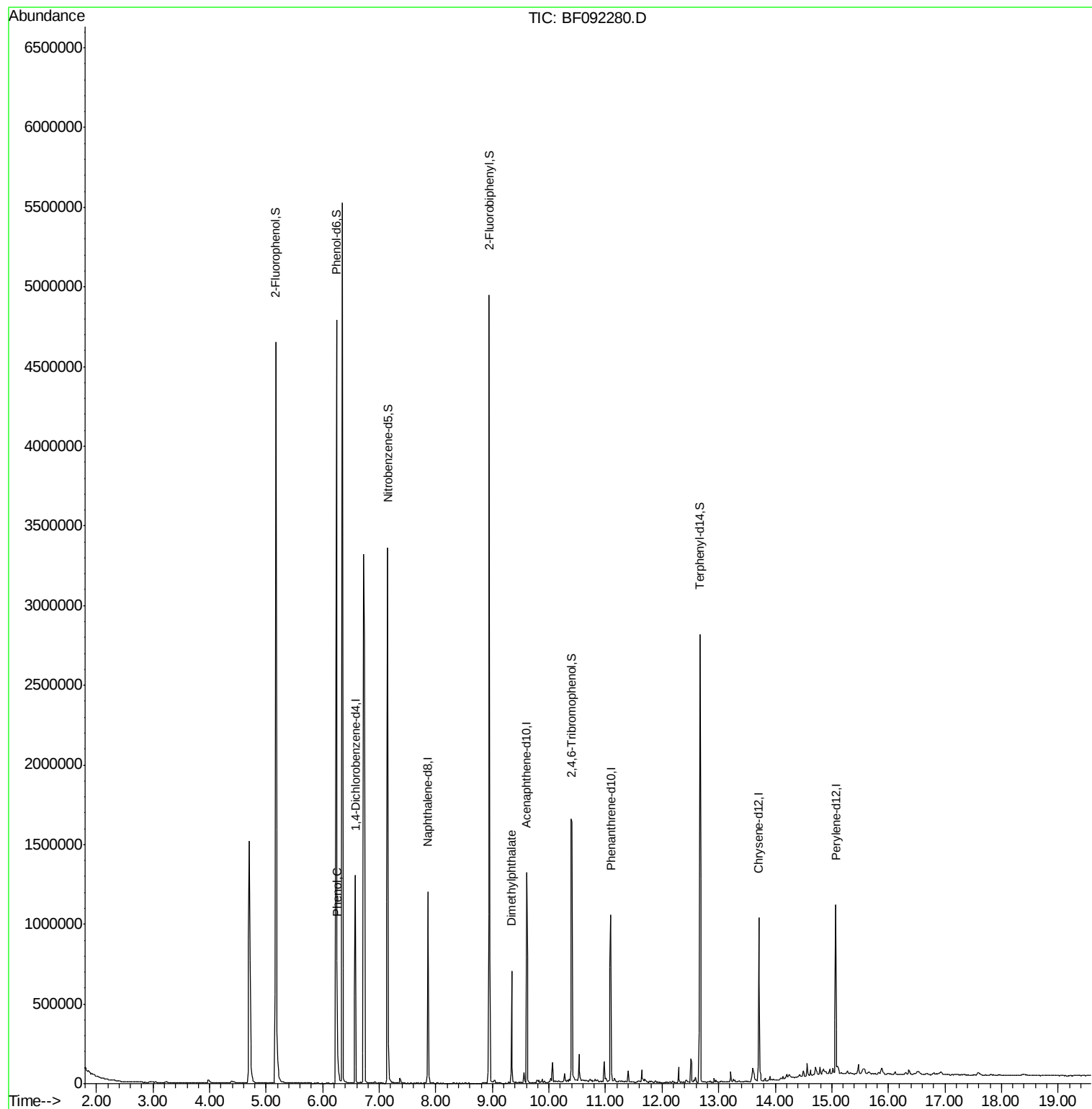
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	231361	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	805313	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	360564	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	509786	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	424113	20.00	ng	-0.02
86) Perylene-d12	15.07	264	424472	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1507026	108.76	ng	0.00
7) Phenol-d6	6.24	99	1975935	116.80	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1198101	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	316404	106.04	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1589562	91.28	ng	-0.01
78) Terphenyl-d14	12.67	244	1027133	58.74	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	132226	6.86	ng	Qvalue # 66
49) Dimethylphthalate	9.34	163	276778	12.00	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: BF092280.D

Acq: 14 Jan 2017 12:55

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ClientSampleId :

SB-08-COMP

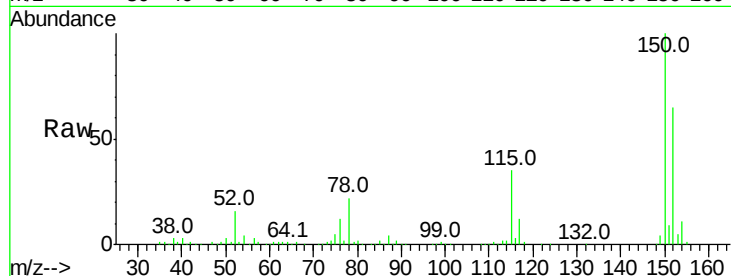
Tot Ion:152 Resp: 231361

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

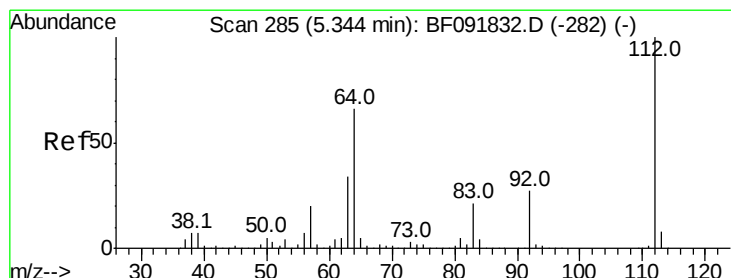
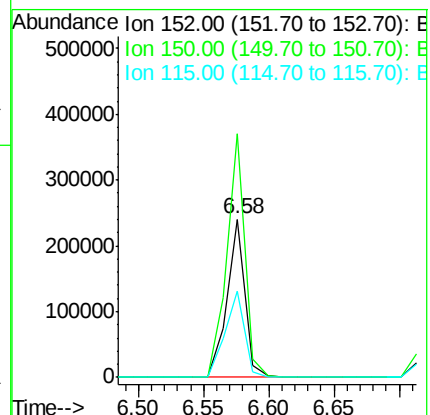
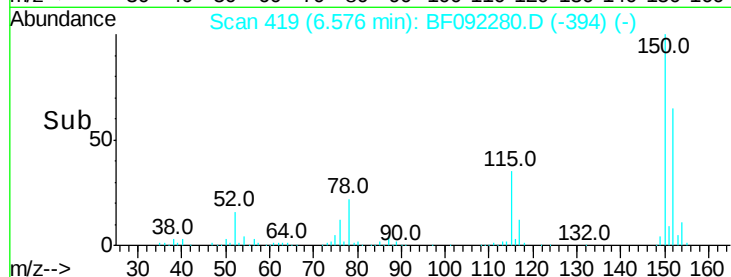
115 54.5 46.0 69.0



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: 108.76 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

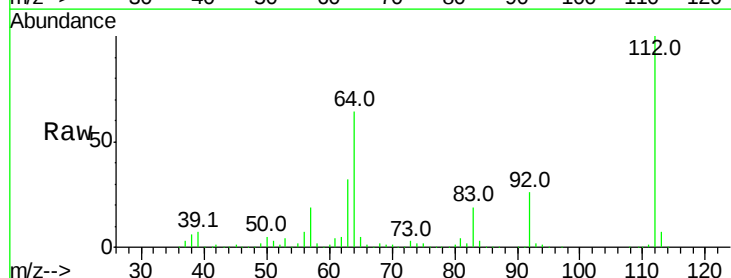
Tgt Ion:112 Resp: 1507026

Ion Ratio Lower Upper

112 100

64 63.9 46.1 69.1

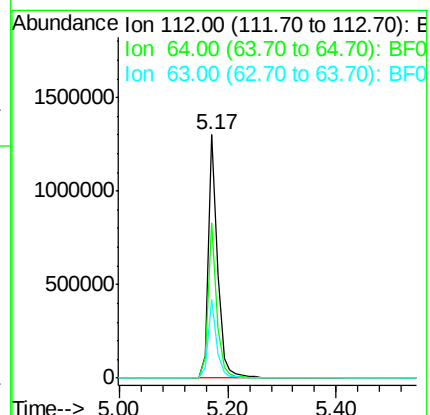
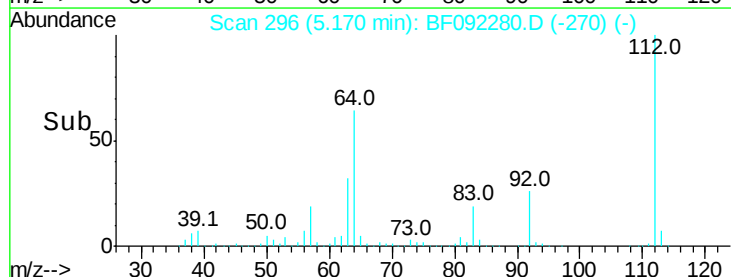
63 32.1 23.8 35.6



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: 116.80 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

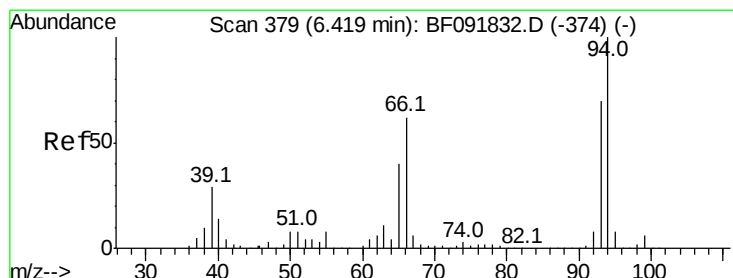
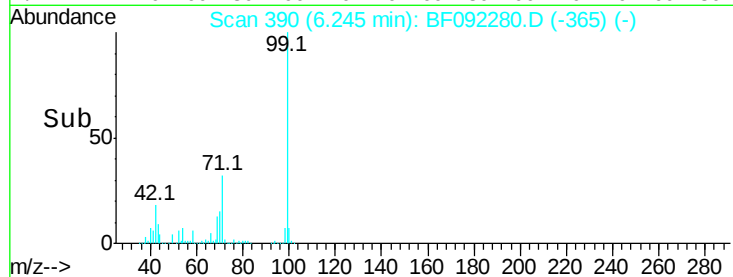
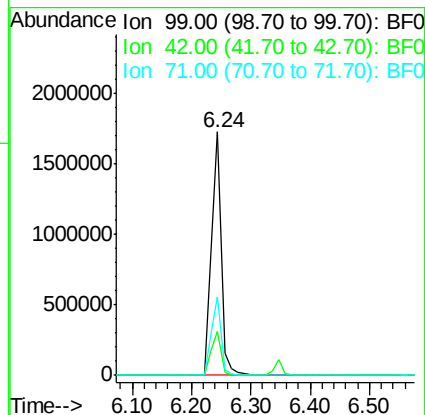
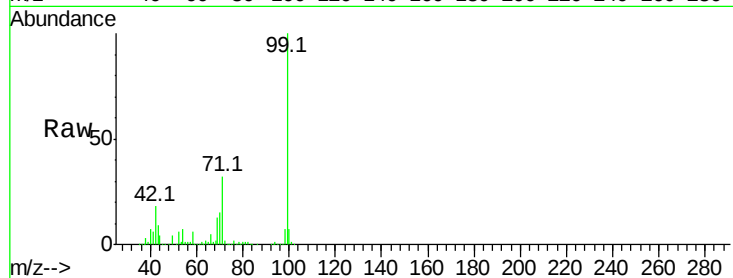
Tot Ion: 99 Resp: 1975935

Ion Ratio Lower Upper

99 100

42 18.1 15.6 23.4

71 32.4 27.5 41.3



#10

Phenol

Concen: 6.86 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

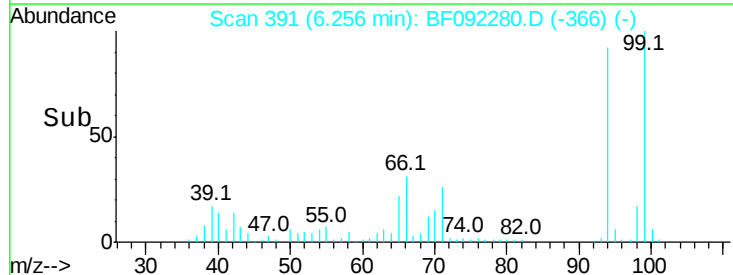
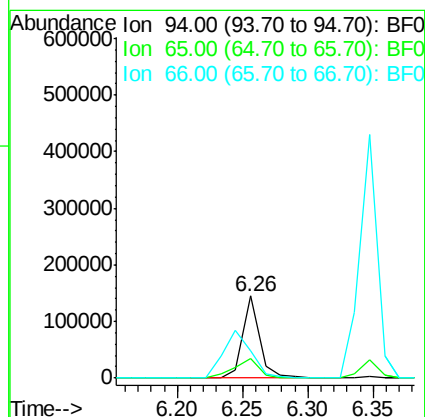
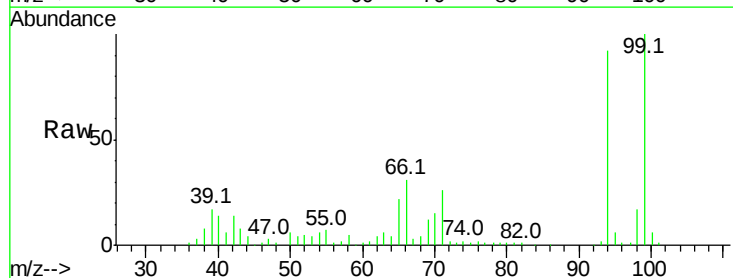
Tgt Ion: 94 Resp: 132226

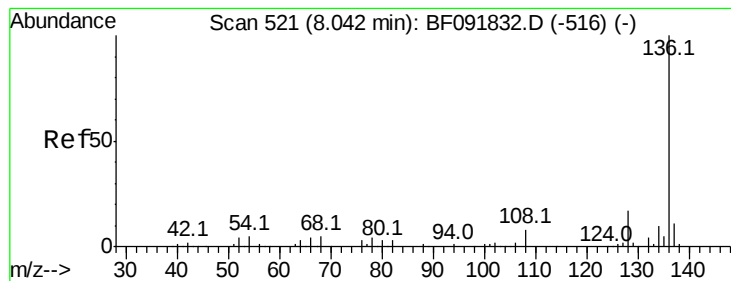
Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

66 33.5 44.0 84.0#

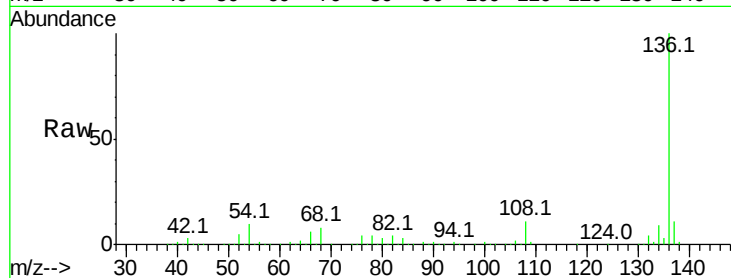




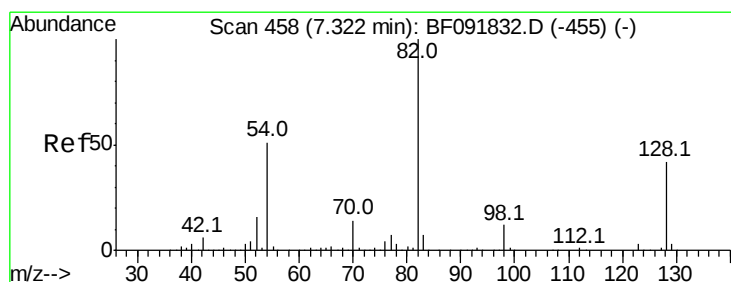
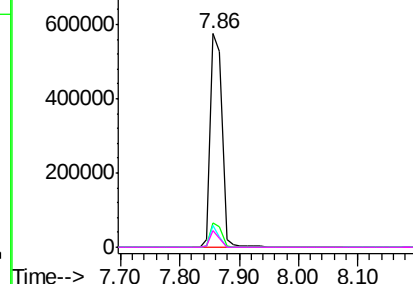
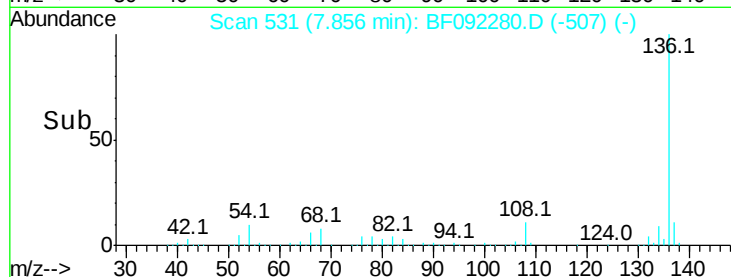
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:136	Resp:	805313
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.4	12.6
54 10.1	4.5	6.7#
68 7.8	3.6	5.4#

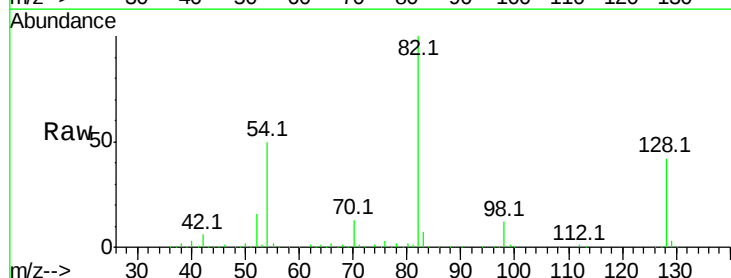


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

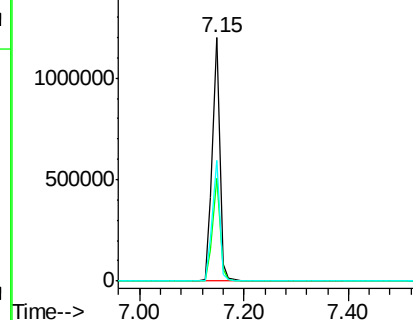
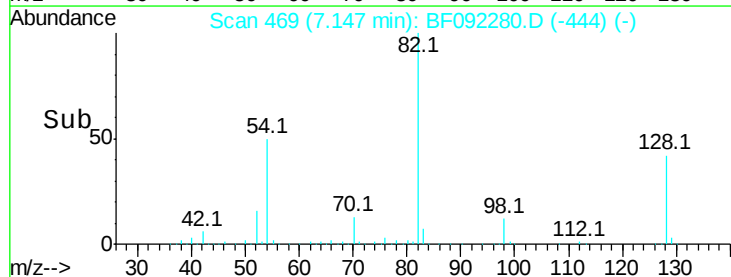


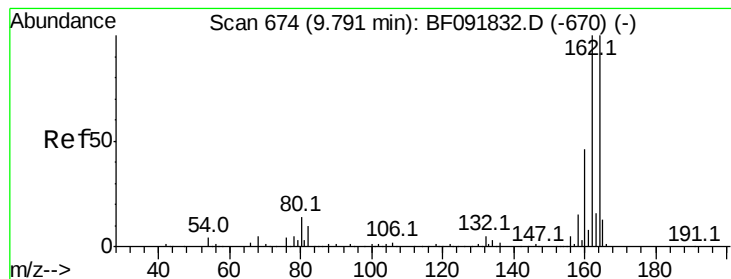
#23
Nitrobenzene-d5
Concen: 82.73 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Tgt Ion: 82	Resp: 1198101
Ion Ratio	Lower Upper
82 100	
128 42.0	34.6 52.0
54 49.6	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: BF092280.D

Acq: 14 Jan 2017 12:55

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

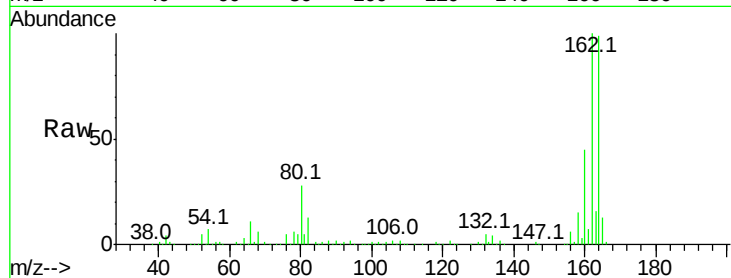
Tot Ion:164 Resp: 360564

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

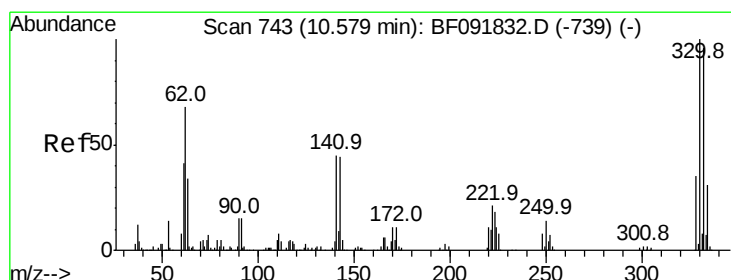
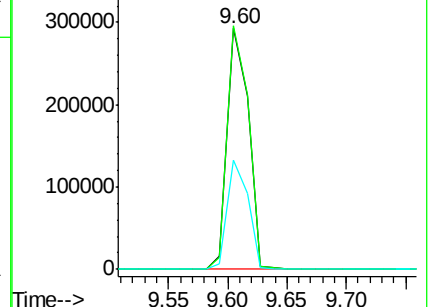
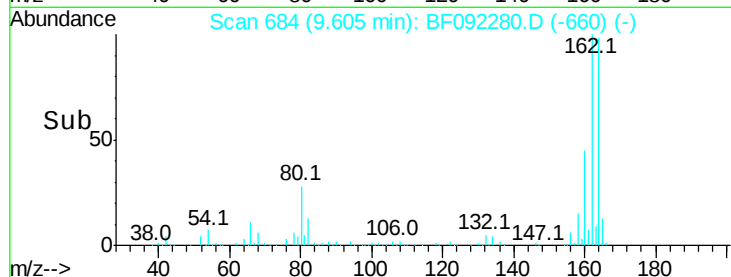
160 45.3 36.9 55.3



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: 106.04 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

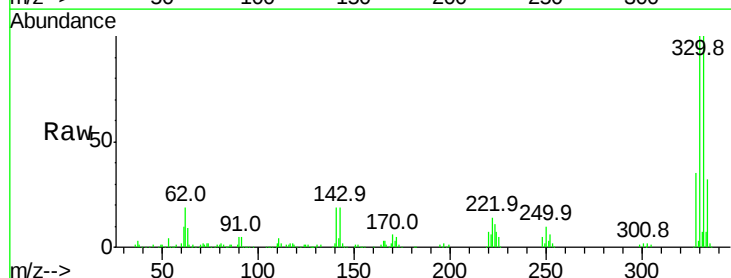
Tgt Ion:330 Resp: 316404

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

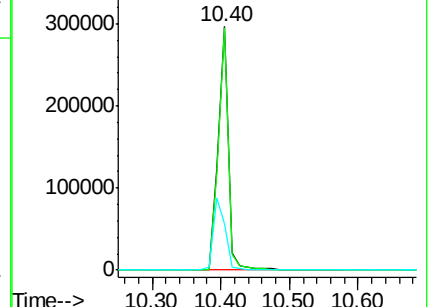
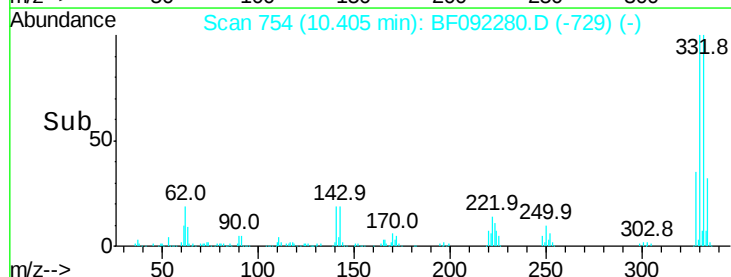
141 34.0 34.1 51.1#



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

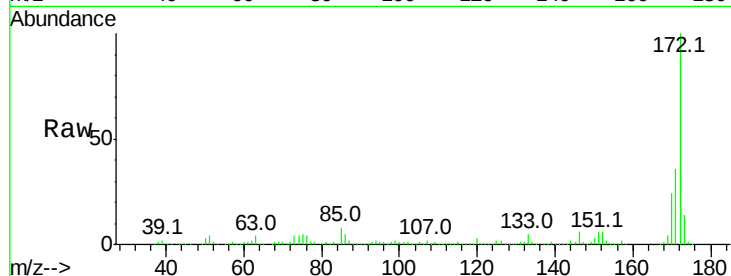




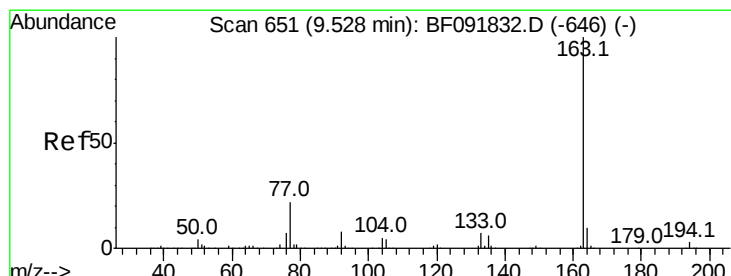
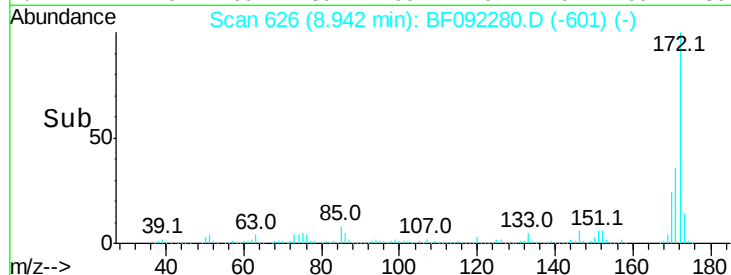
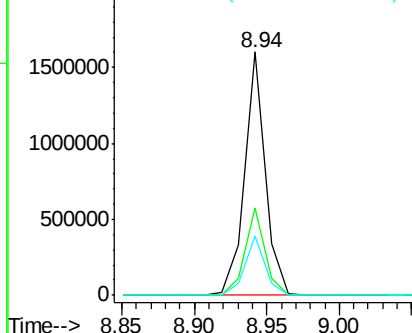
#44
2-Fluorobiphenyl
Concen: 91.28 ng
RT: 8.94 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:172 Resp: 1589562
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 20.2 30.4

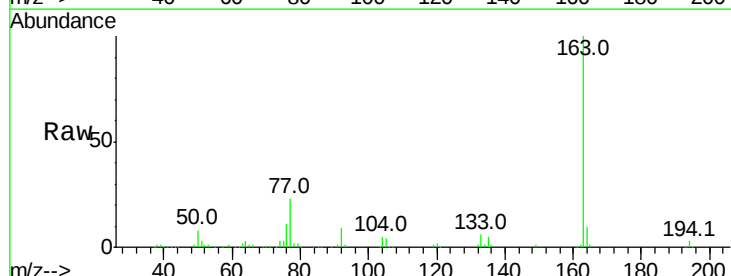


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

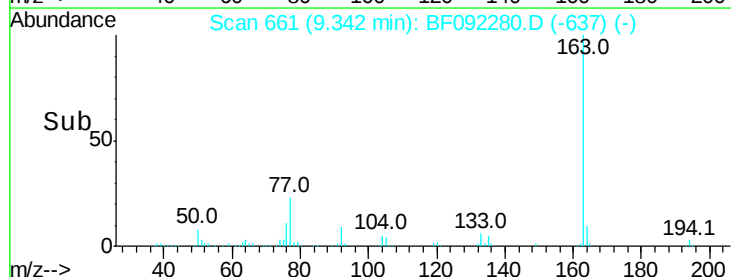
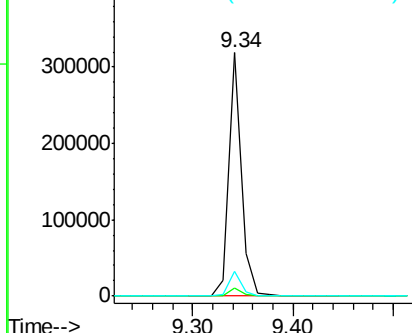


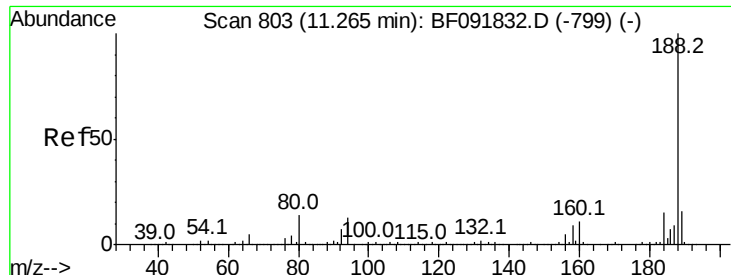
#49
Dimethylphthalate
Concen: 12.00 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Tgt Ion:163 Resp: 276778
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 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

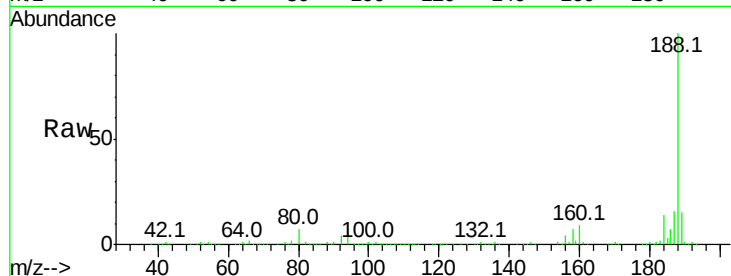




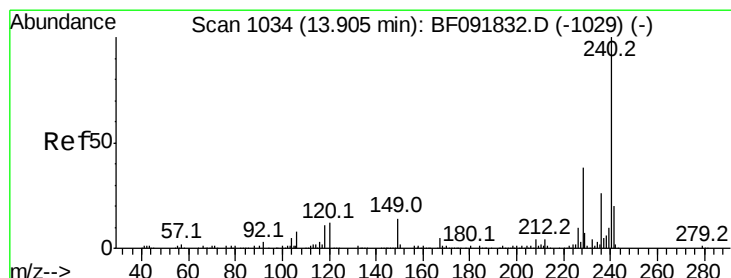
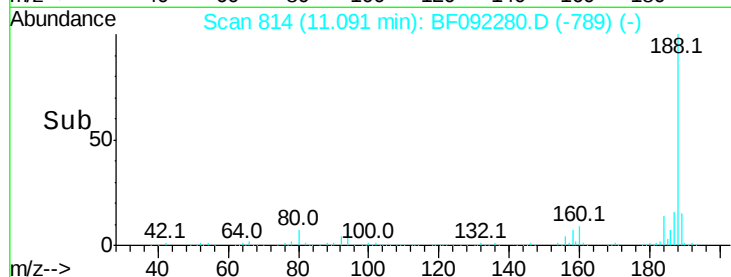
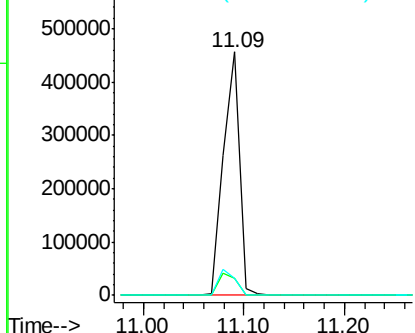
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tot Ion:188 Resp: 509786
Ion Ratio Lower Upper
188 100
94 7.1 10.0 15.0#
80 7.2 11.2 16.8#

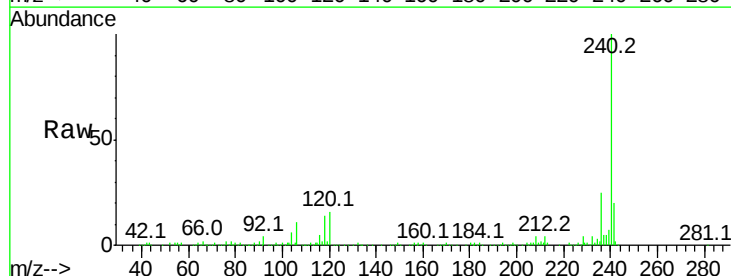


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

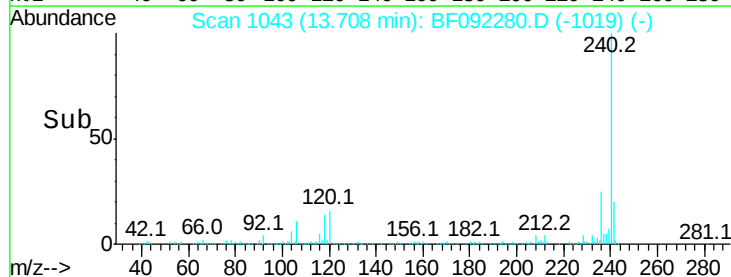
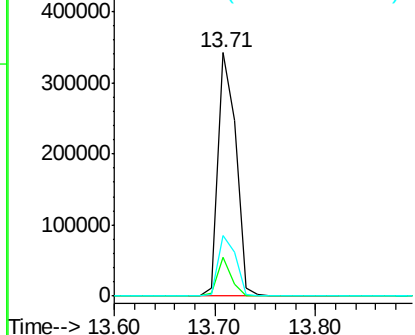


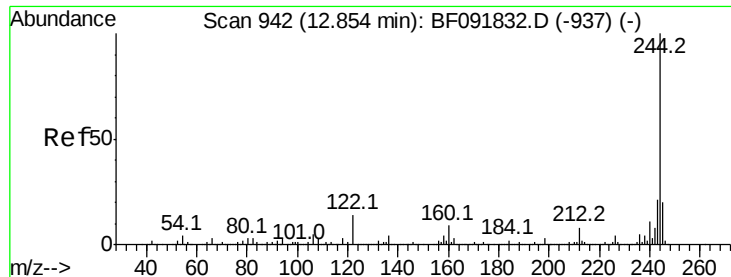
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF092280.D
Acq: 14 Jan 2017 12:55

Tgt Ion:240 Resp: 424113
Ion Ratio Lower Upper
240 100
120 16.0 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: 58.74 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

Instrument :

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ClientSampleId :

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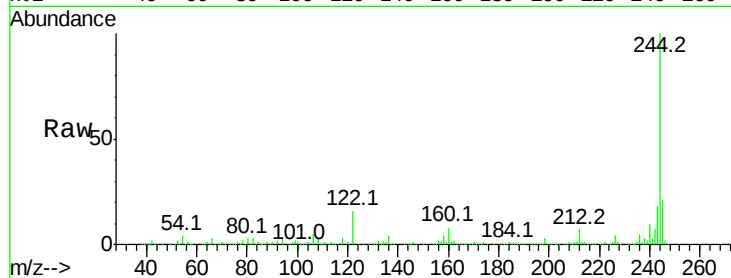
Tot Ion:244 Resp: 1027133

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

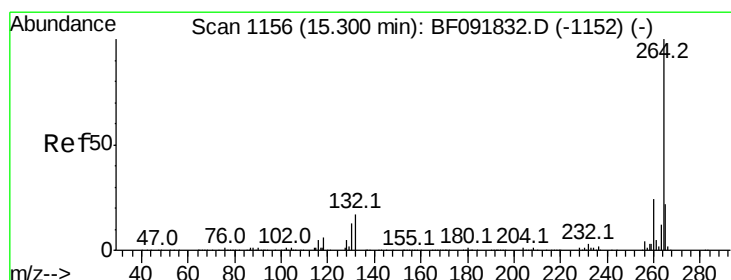
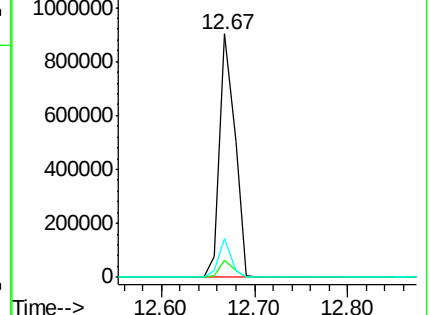
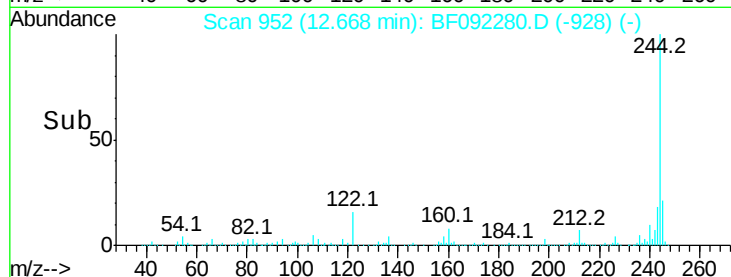
122 15.7 11.4 17.2



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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092280.D

Acq: 14 Jan 2017 12:55

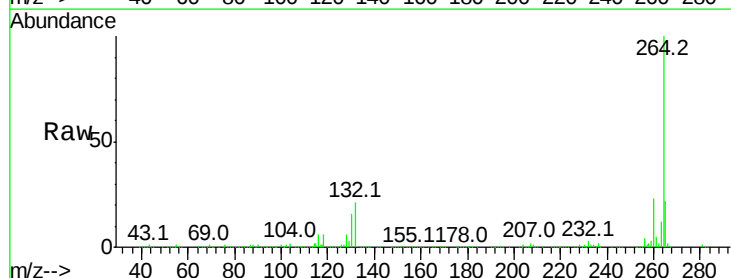
Tgt Ion:264 Resp: 424472

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.4 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

