

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 03:17:54 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

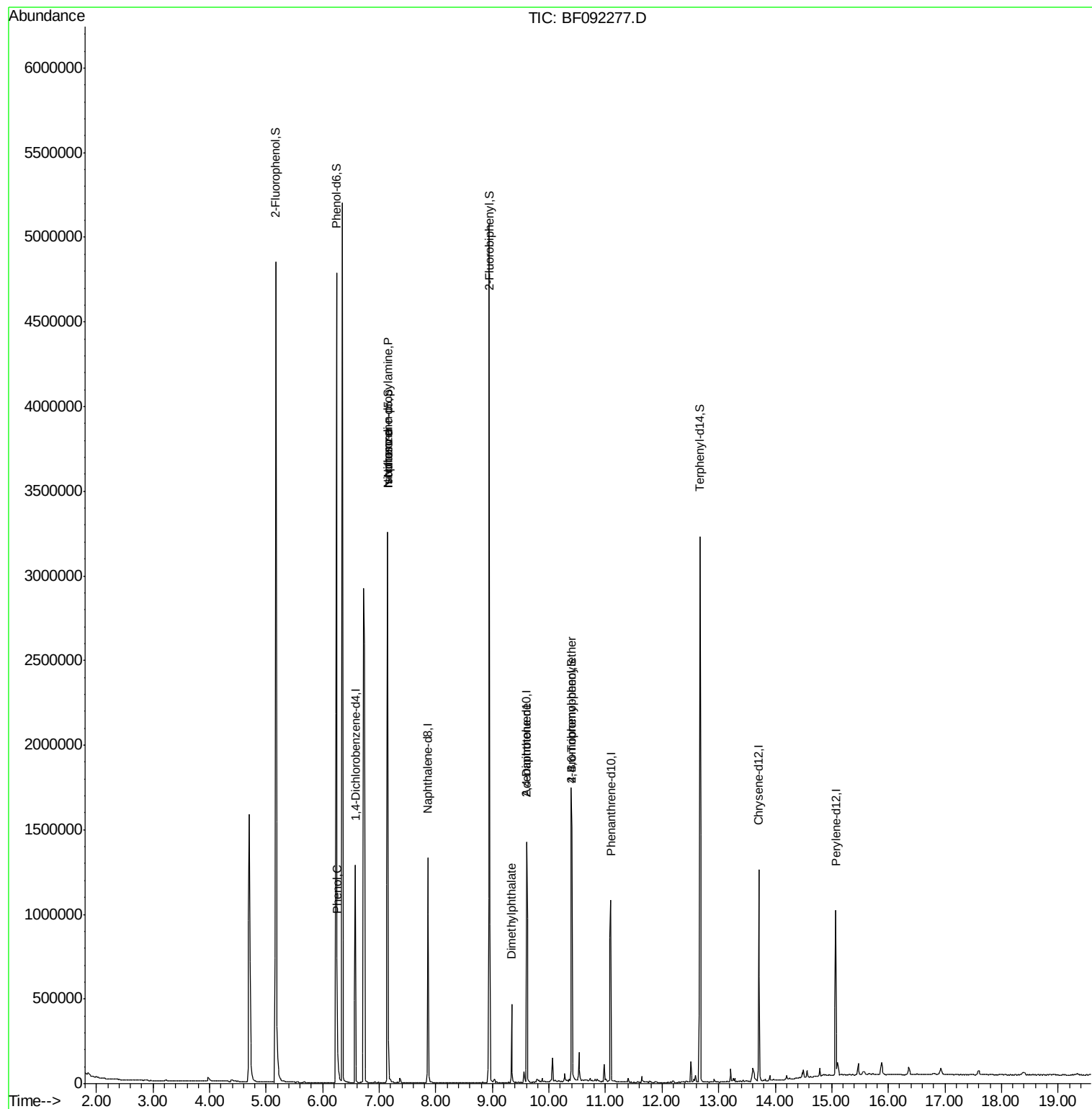
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.26	94	115163	6.25	ng	# 69
19) n-Nitroso-di-n-propylamine	7.15	70	156968	14.59	ng	# 76
25) Isophorone	7.15	82	1177253	41.15	ng	# 65
49) Dimethylphthalate	9.34	163	180003	6.83	ng	99
56) 2,4-Dinitrotoluene	9.60	165	52748	7.28	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	18626	3.22	ng	# 1
71) Anthracene	11.11	178	1038	Below Cal		# 59
73) Di-n-butylphthalate	11.66	149	1702	Below Cal		# 76
74) Fluoranthene	12.29	202	1708	Below Cal		66

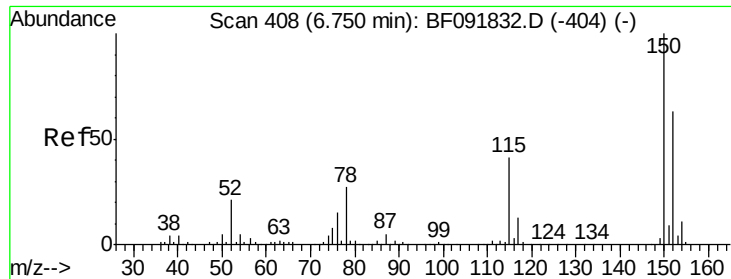
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

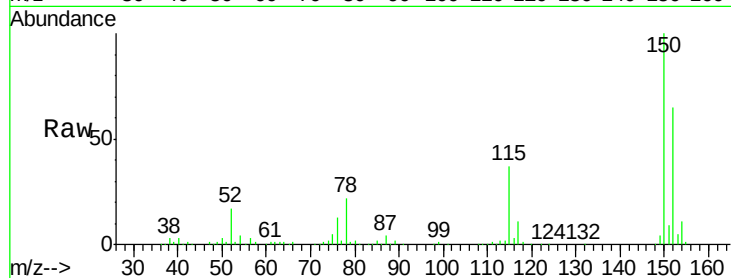
Tgt Ion:152 Resp: 221095

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

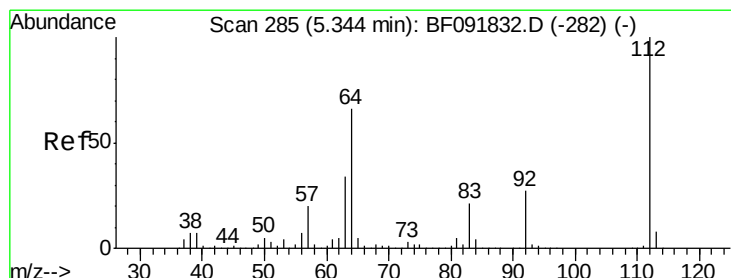
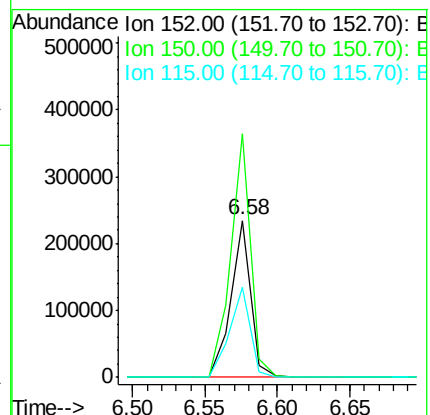
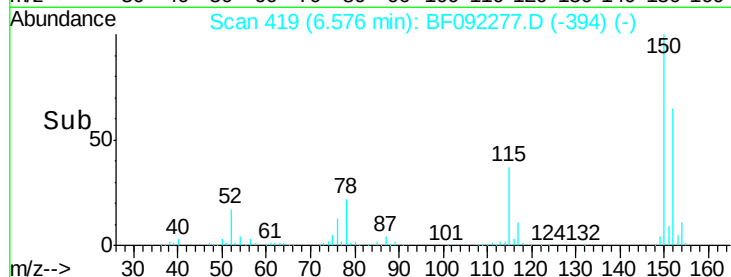
115 57.1 46.0 69.0



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

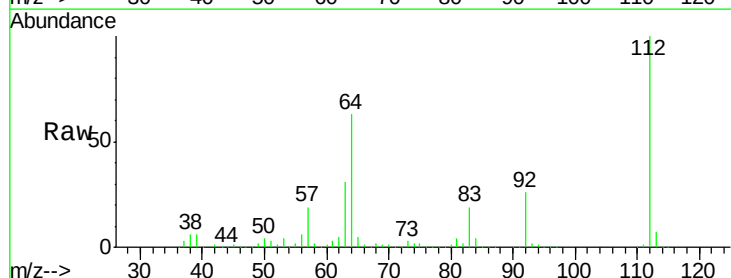
Tgt Ion:112 Resp: 1578638

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

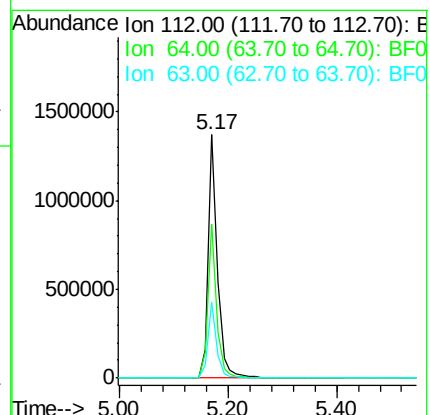
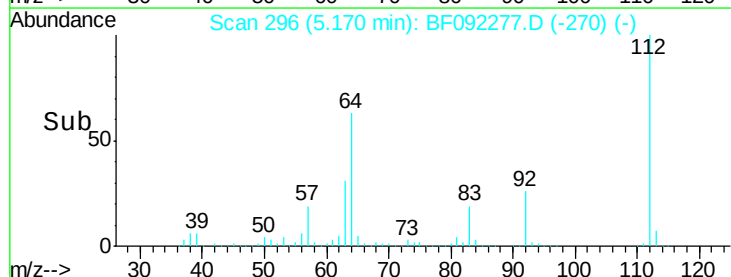
63 31.2 23.8 35.6

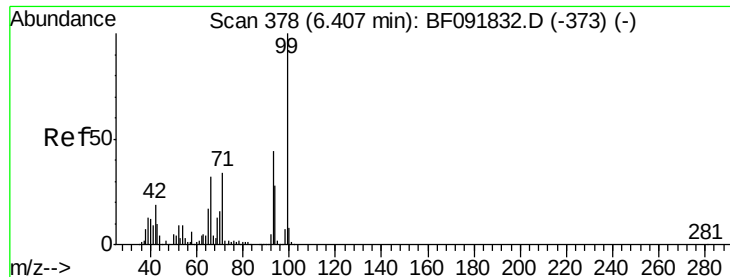


Abundance Ion 112.00 (111.70 to 112.70): E

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

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SB-47-COMP

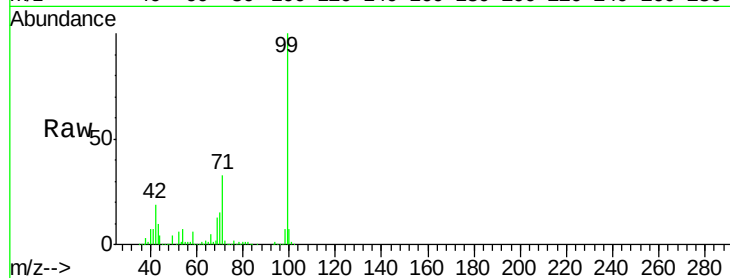
Tgt Ion: 99 Resp: 1894064

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

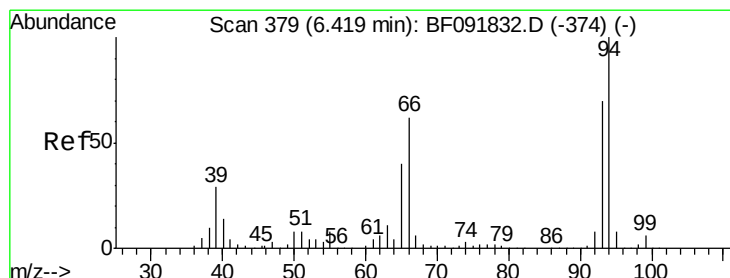
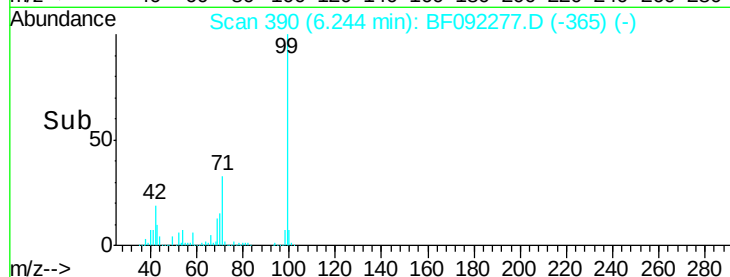
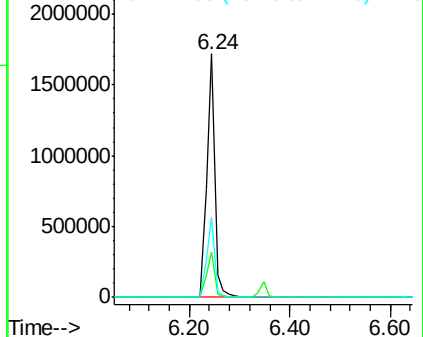
71 32.8 27.5 41.3



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

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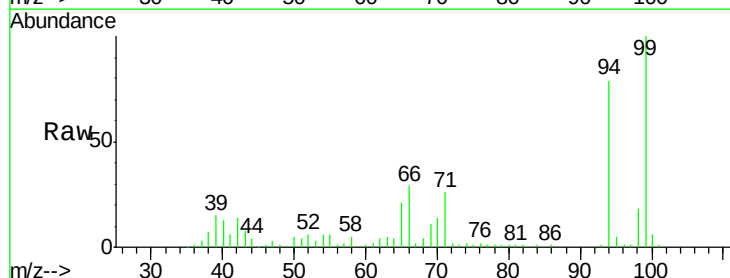
Tgt Ion: 94 Resp: 115163

Ion Ratio Lower Upper

94 100

65 26.2 21.4 61.4

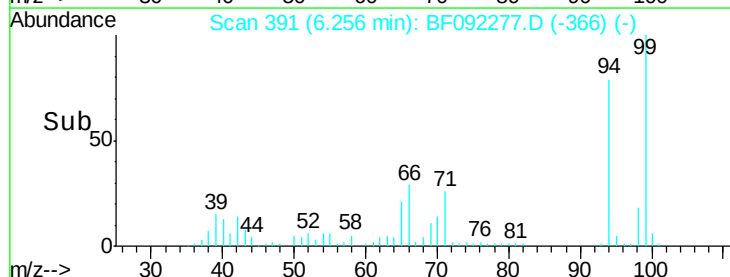
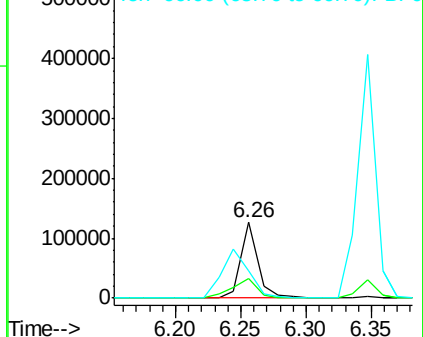
66 36.4 44.0 84.0#

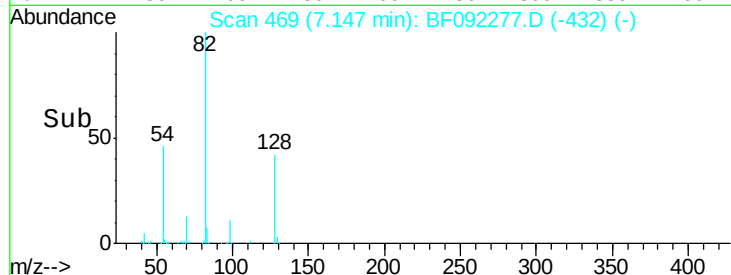
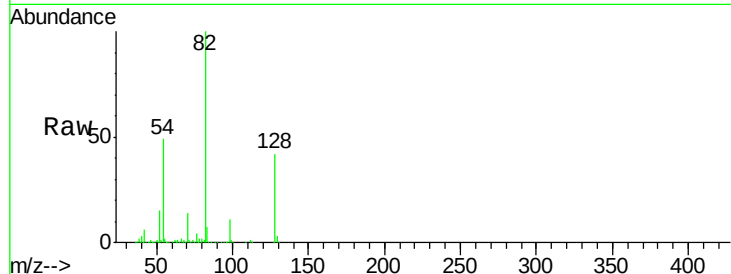
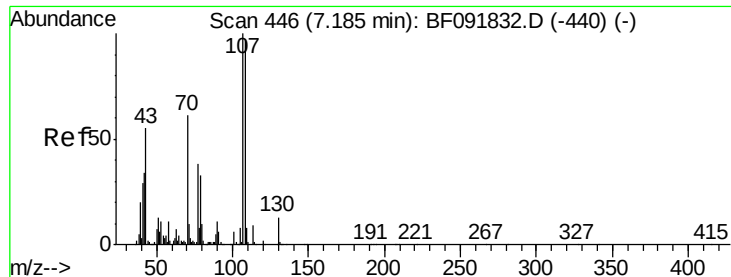


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

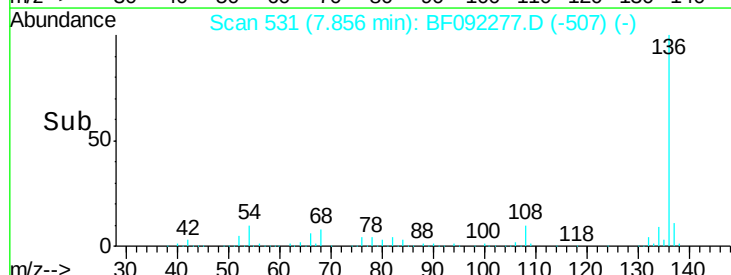
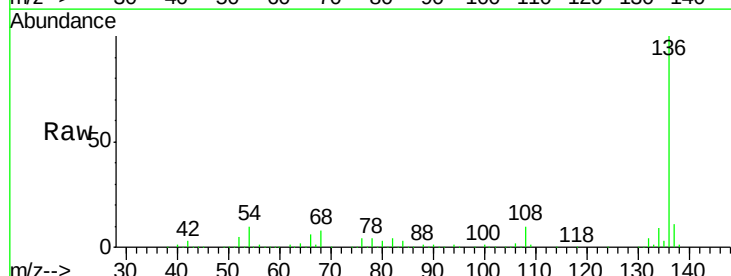
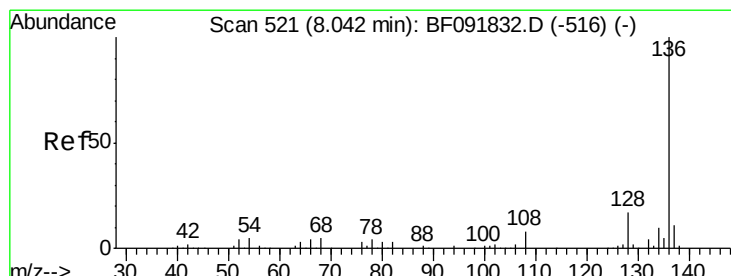
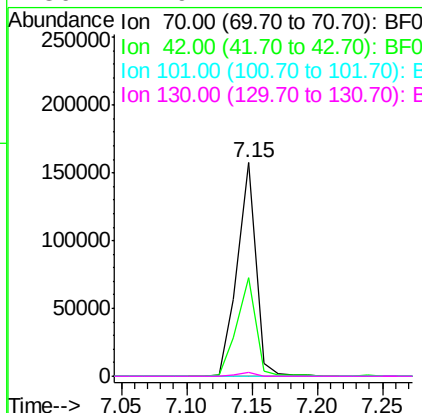




#19
n-Nitroso-di-n-propylamine
Concen: 14.59 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092277.D
Acq: 14 Jan 2017 11:30

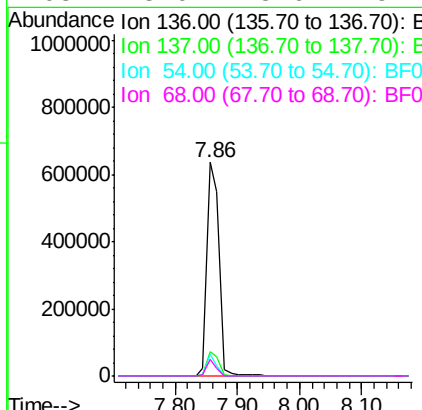
Instrument :
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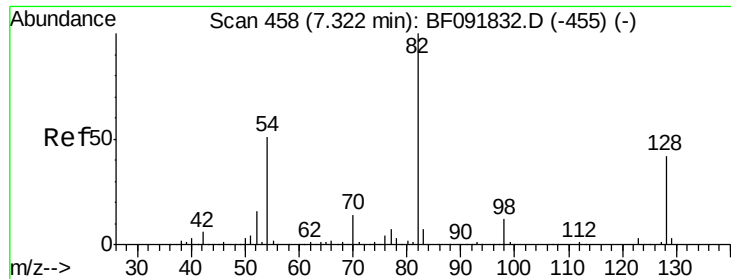
Tgt Ion:	70	Resp:	156968
Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.4	74.0#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



#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

Tgt 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#

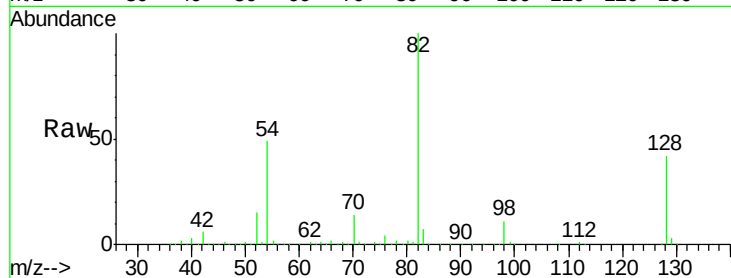




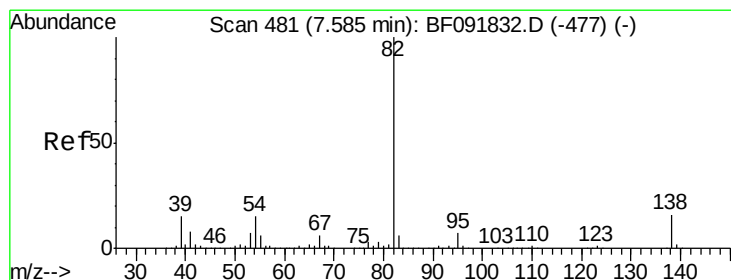
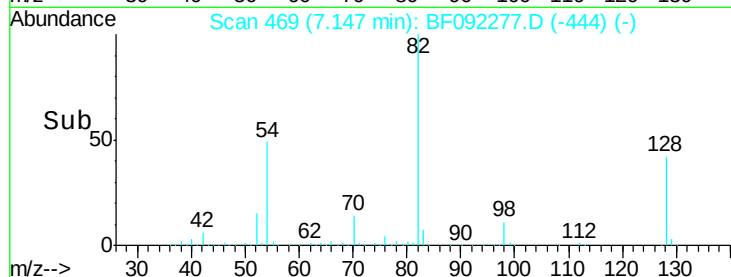
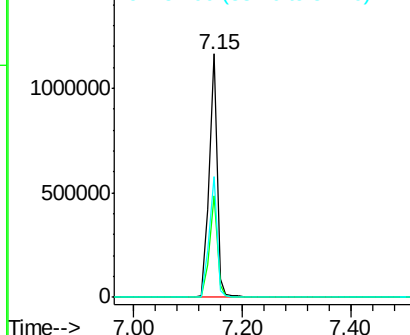
#23
 Nitrobenzene-d5
 Concen: 76.19 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

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

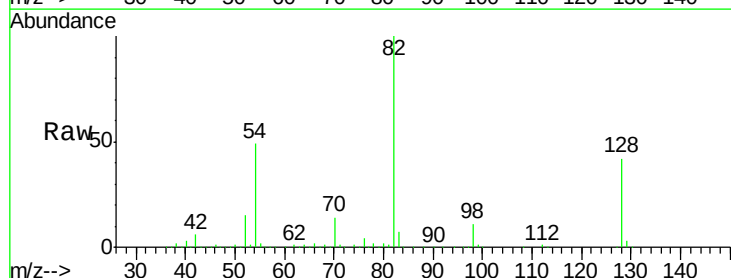


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

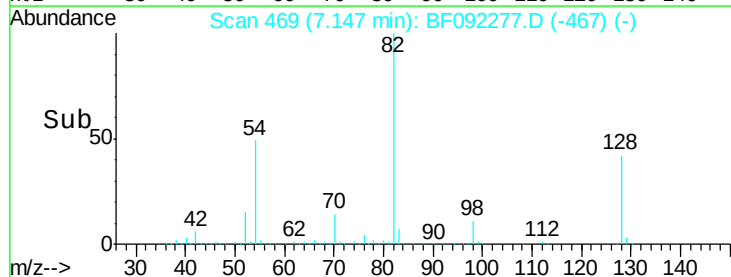
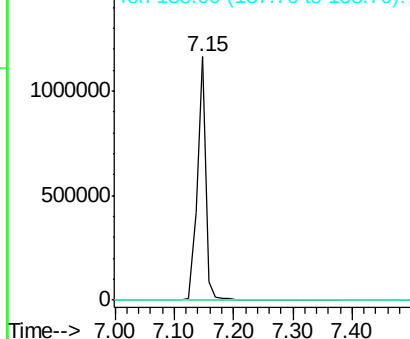


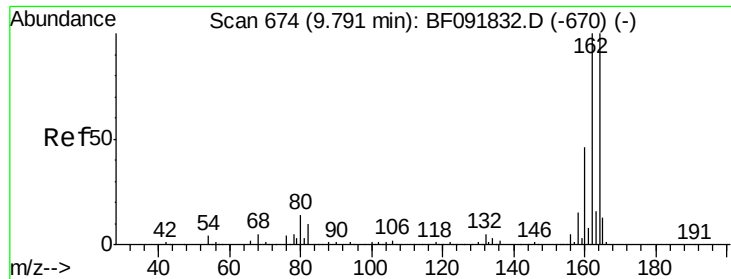
#25
 Isophorone
 Concen: 41.15 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.27 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Tgt Ion: 82 Resp: 1177253
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

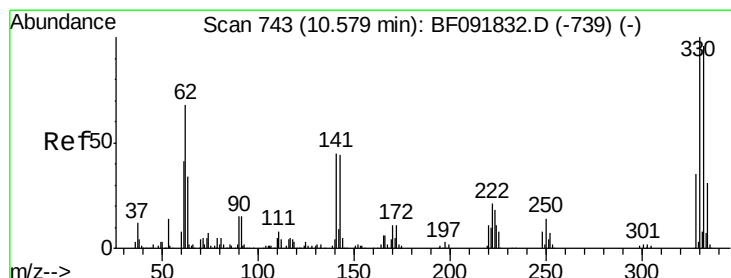
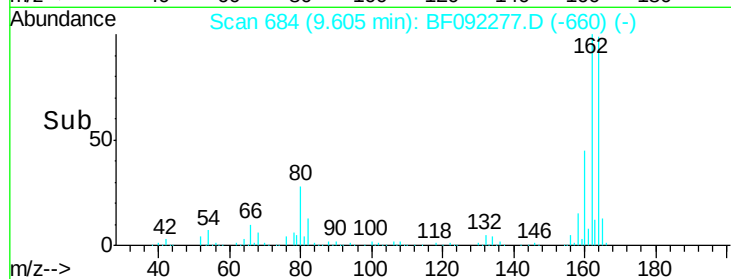
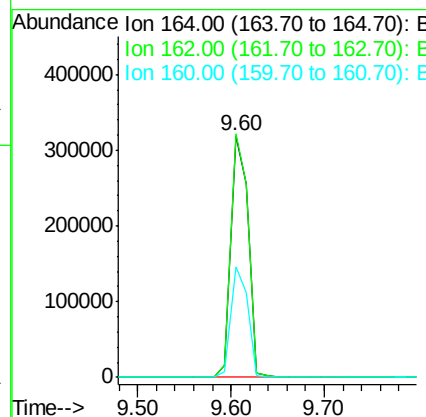
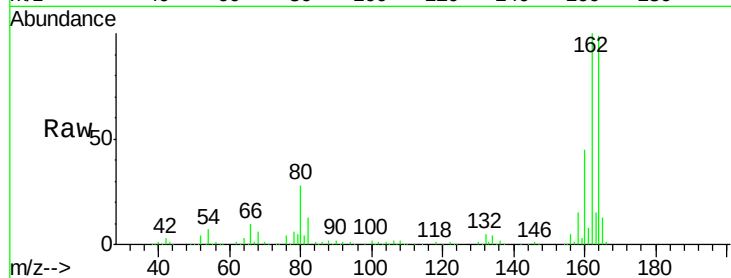




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF092277.D
Acq: 14 Jan 2017 11:30

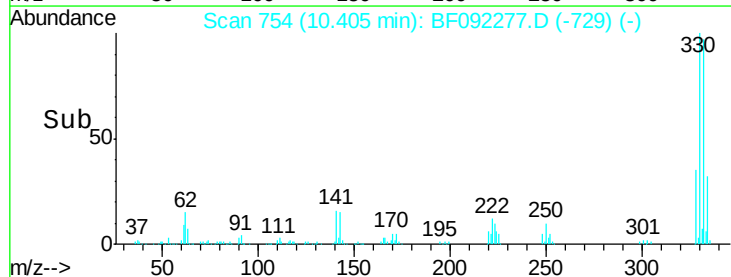
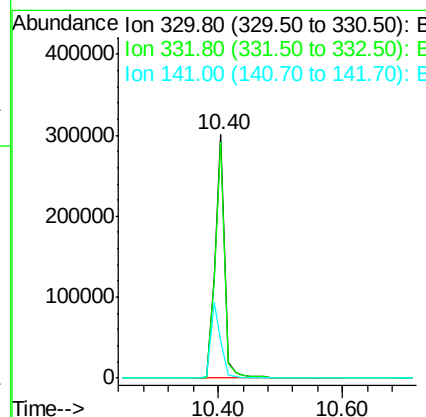
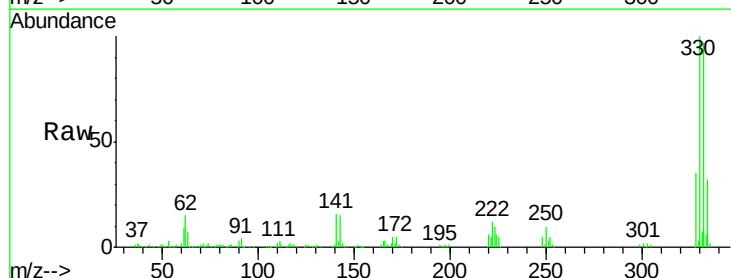
Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

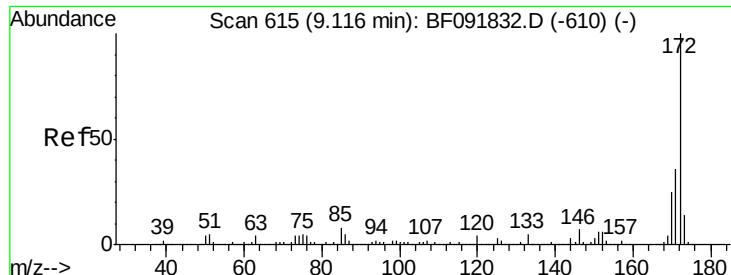
Tgt Ion:164 Resp: 412113
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 45.7 36.9 55.3



#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#

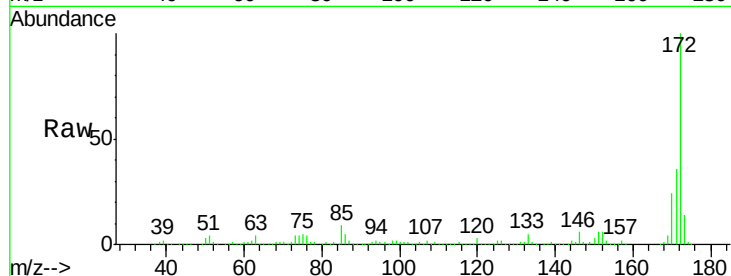




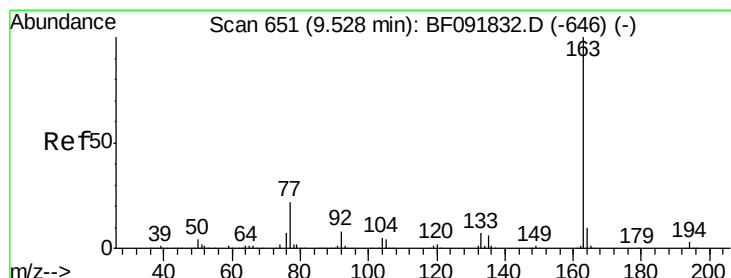
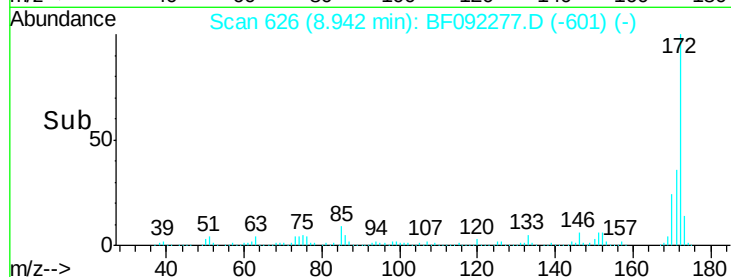
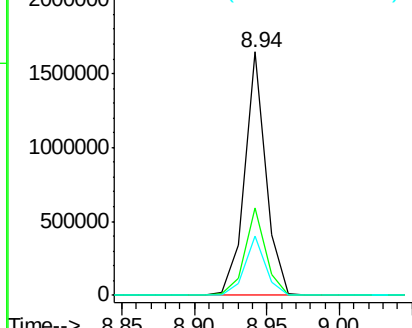
#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tgt Ion:172 Resp: 1674446
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 20.2 30.4

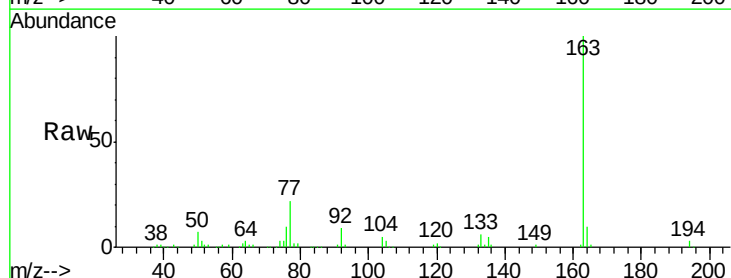


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

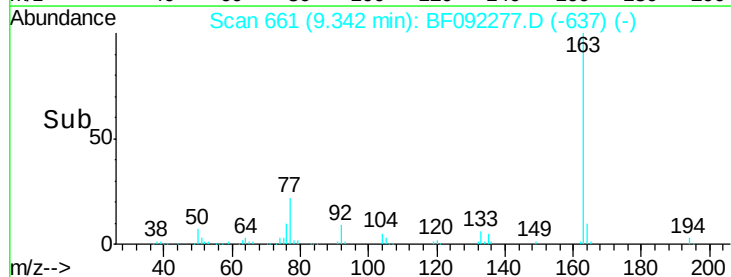
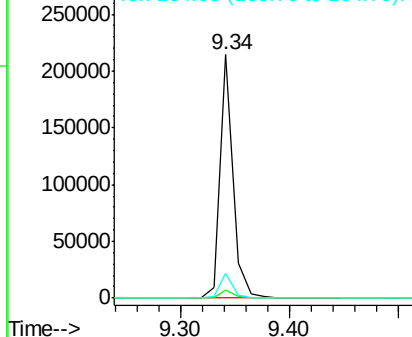


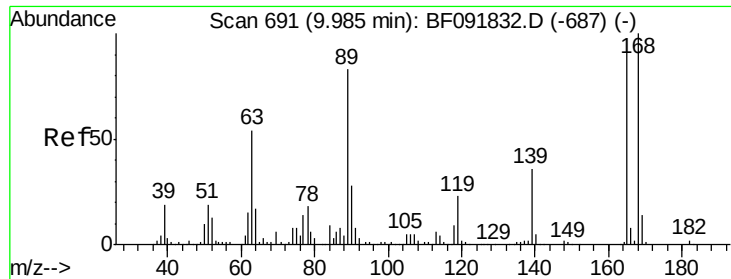
#49
 Dimethylphthalate
 Concen: 6.83 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

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

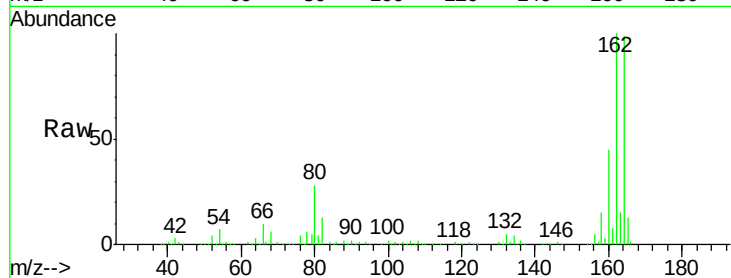




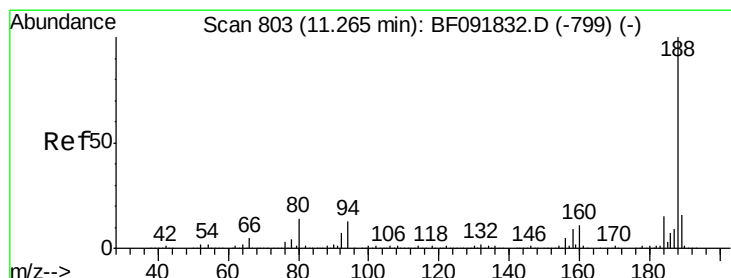
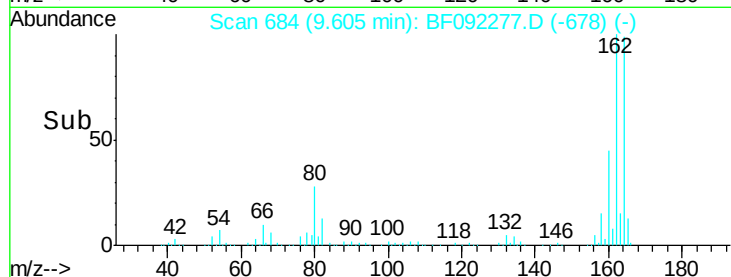
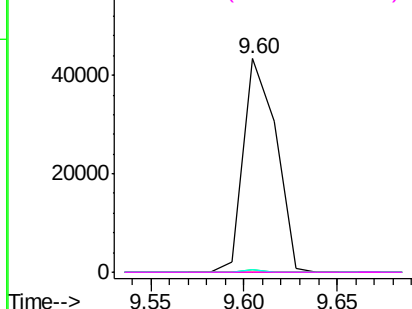
#56
 2,4-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tgt Ion:165 Resp: 52748
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.1 62.5 93.7#
 182 0.0 1.8 2.8#

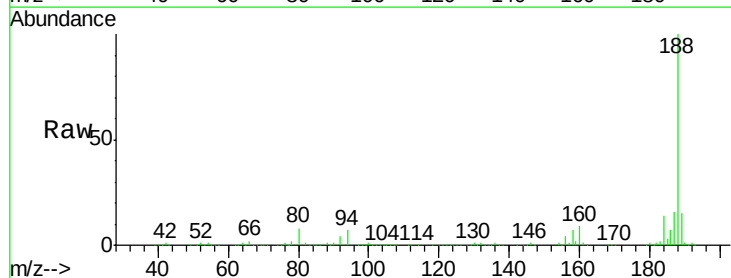


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

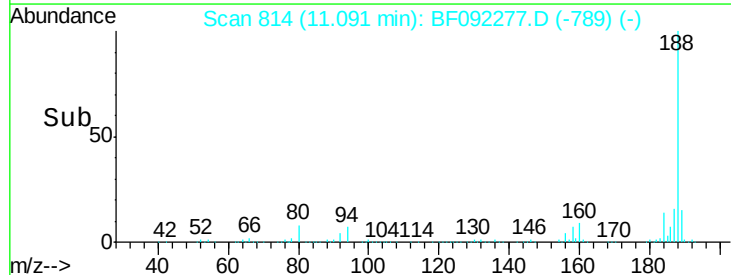
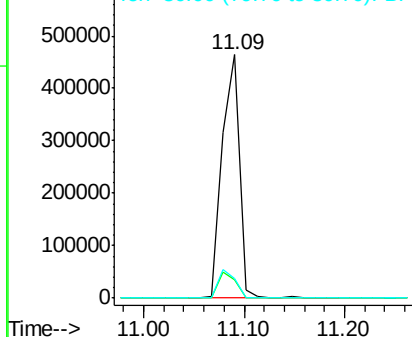


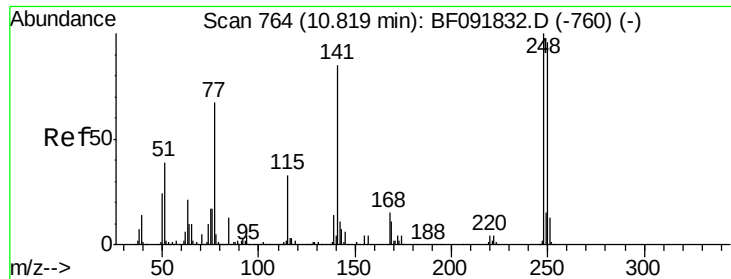
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF092277.D
 Acq: 14 Jan 2017 11:30

Tgt Ion:188 Resp: 555889
 Ion Ratio Lower Upper
 188 100
 94 7.5 10.0 15.0#
 80 7.8 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





#66

4-Bromophenyl-phenylether

Concen: 3.22 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

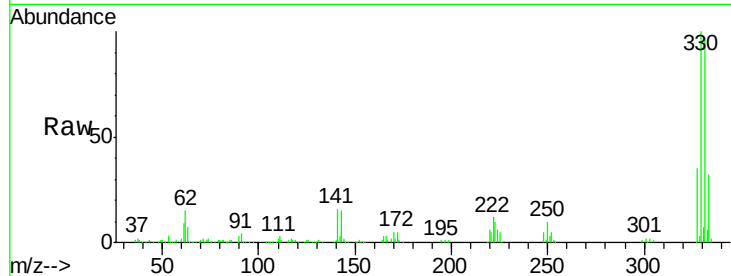
Tgt Ion:248 Resp: 18626

Ion Ratio Lower Upper

248 100

250 207.9 76.9 115.3#

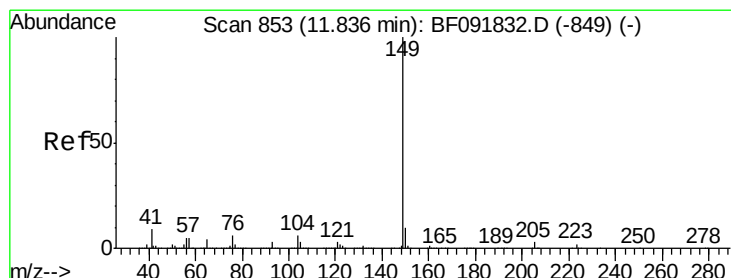
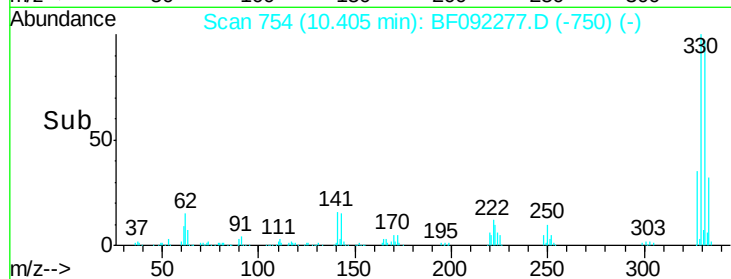
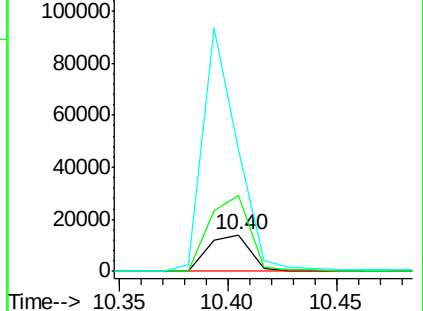
141 335.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092277.D

Acq: 14 Jan 2017 11:30

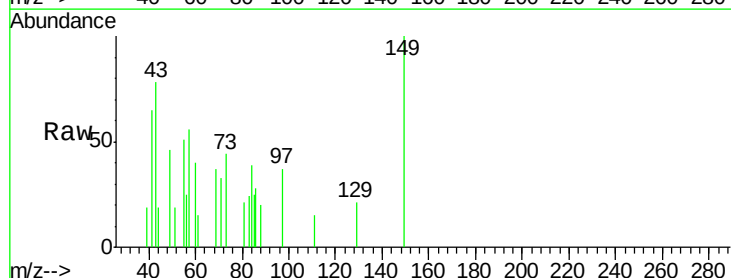
Tgt Ion:149 Resp: 1702

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

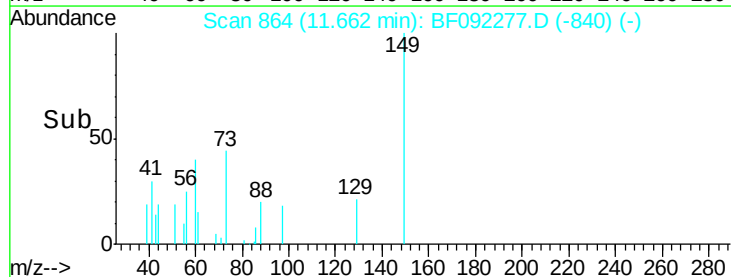
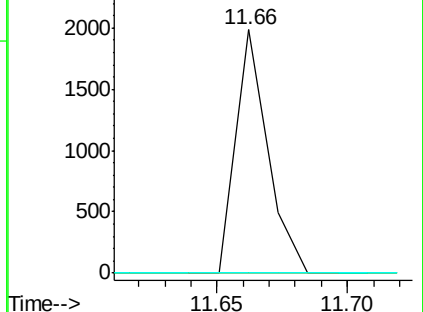
104 0.0 4.6 7.0#

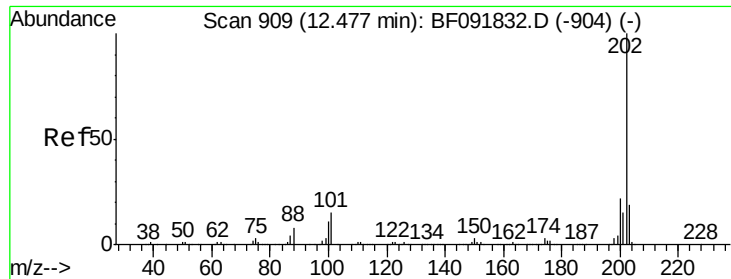


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

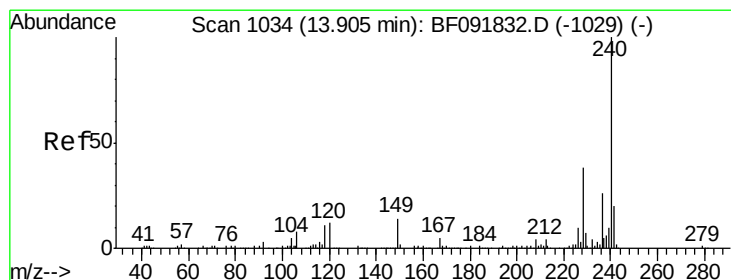
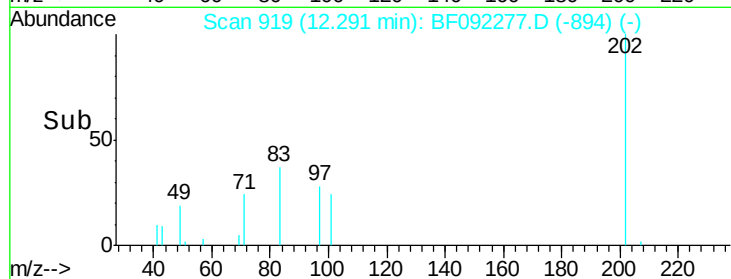
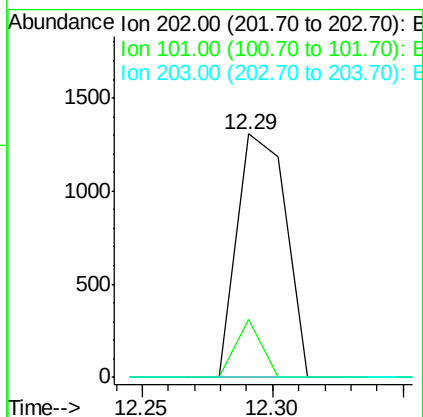
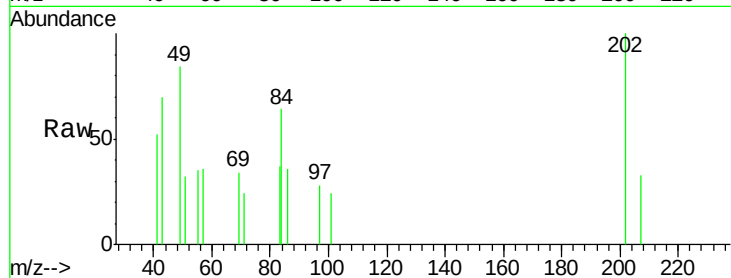




#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092277.D
Acq: 14 Jan 2017 11:30

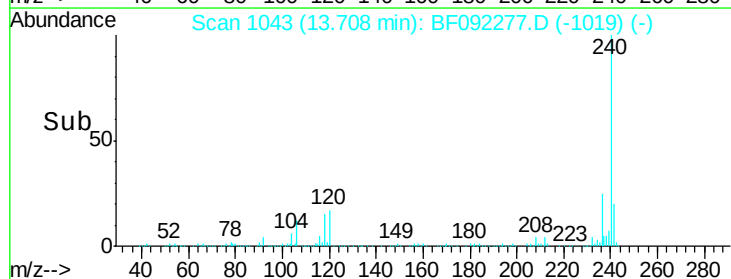
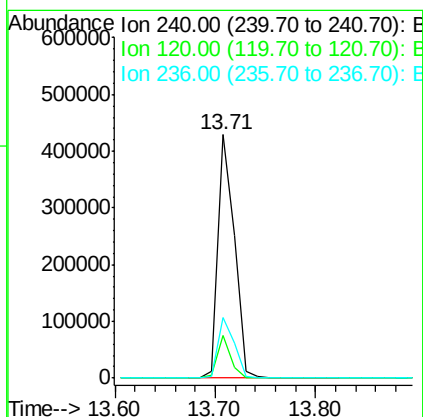
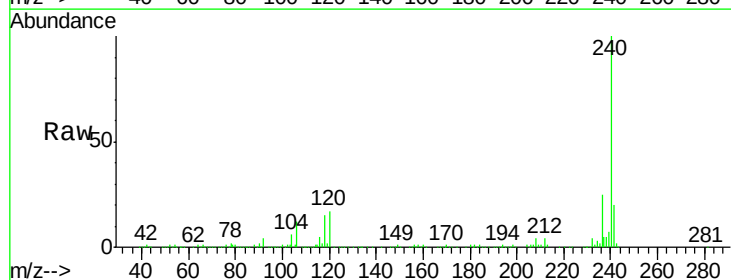
Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

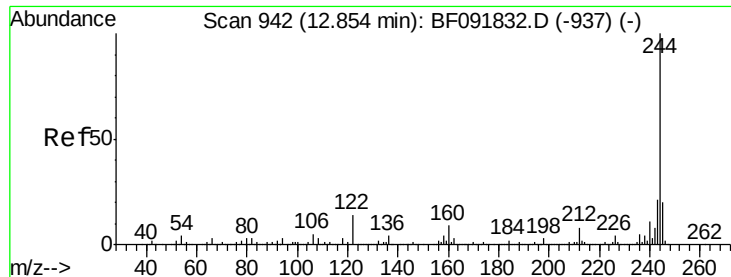
Tgt Ion: 202 Resp: 1708
Ion Ratio Lower Upper
202 100
101 24.1 0.0 34.6
203 0.0 0.0 38.7



#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

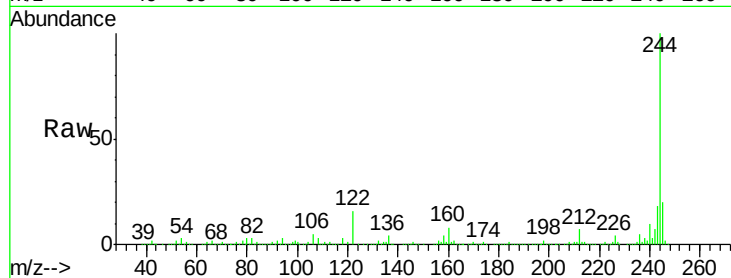
Tgt Ion:244 Resp: 1191025

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

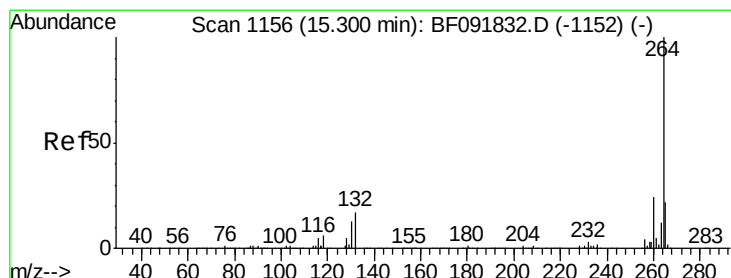
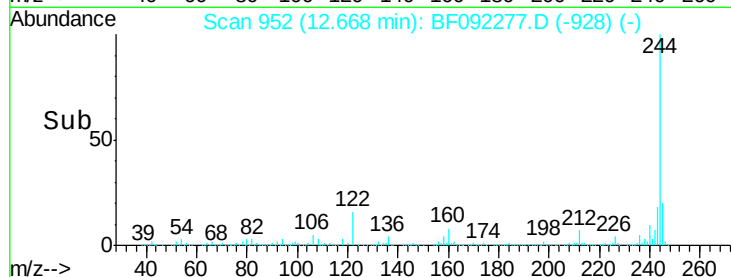
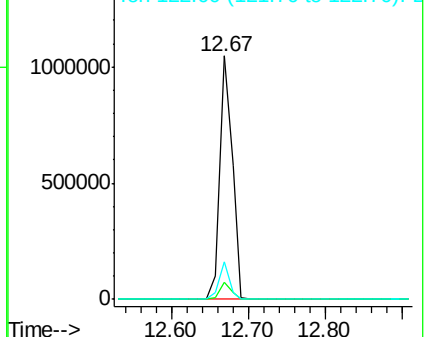
122 15.6 11.4 17.2



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: BF092277.D

Acq: 14 Jan 2017 11:30

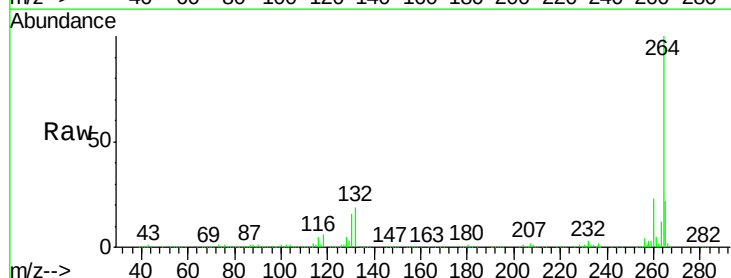
Tgt Ion:264 Resp: 416856

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.8 17.4 26.0



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

