

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092226.D
 Acq On : 13 Jan 2017 00:00
 Operator : UM/SJ
 Sample : I1031-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0011

Quant Time: Jan 13 00:37:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

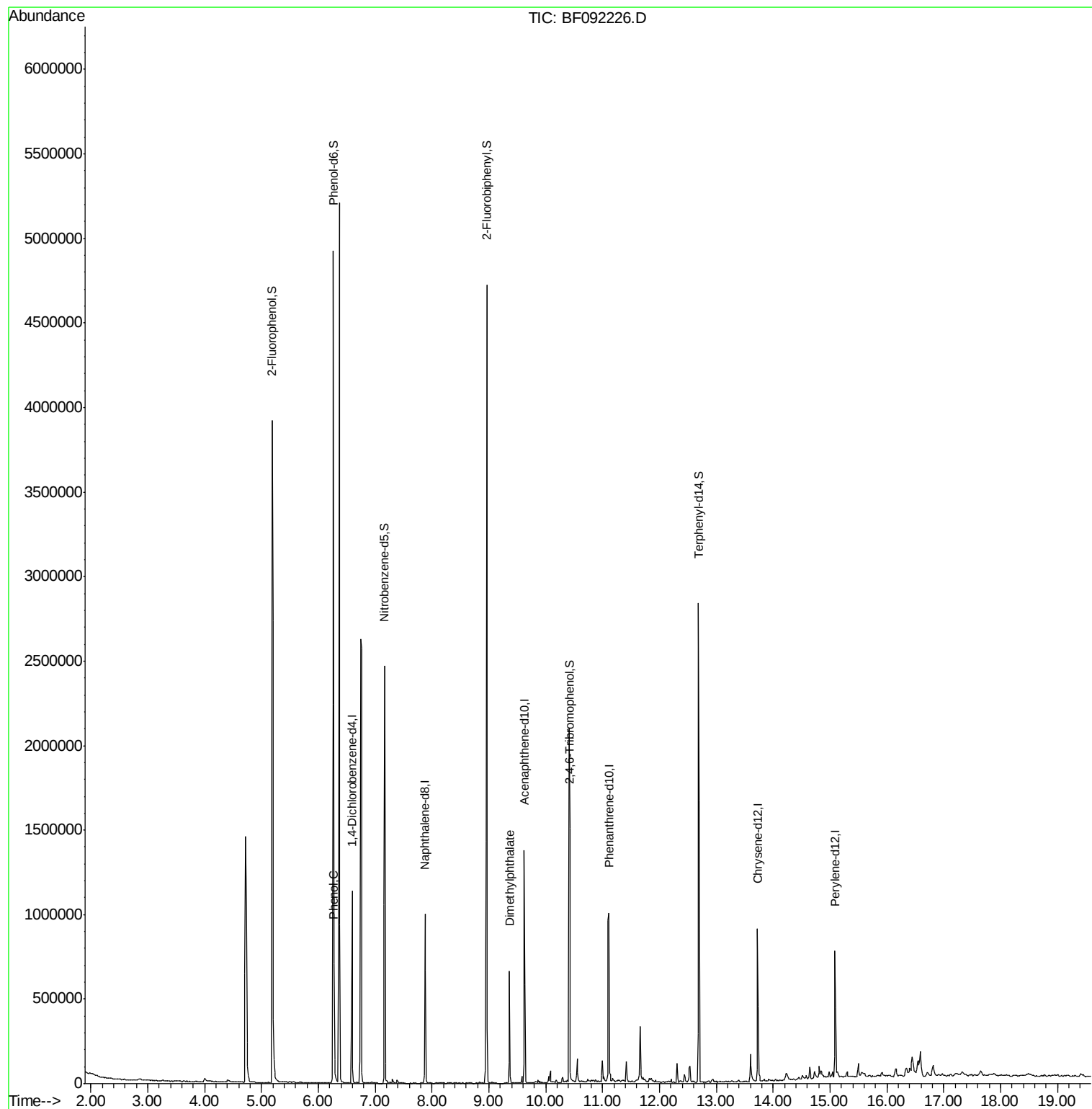
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	189673	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	604001	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	339581	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	547254	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	339350	20.00	ng	-0.06
86) Perylene-d12	15.09	264	335103	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1540734	135.63	ng	-0.05
7) Phenol-d6	6.26	99	1878586	135.45	ng	-0.05
23) Nitrobenzene-d5	7.17	82	910457	83.82	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	345718	123.02	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1495729	91.19	ng	-0.05
78) Terphenyl-d14	12.69	244	1120201	80.06	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	132860	8.41	ng	Qvalue # 65
49) Dimethylphthalate	9.36	163	267582	12.32	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

Instrument :

BNA_F

ClientSampleId :

COMP-0011

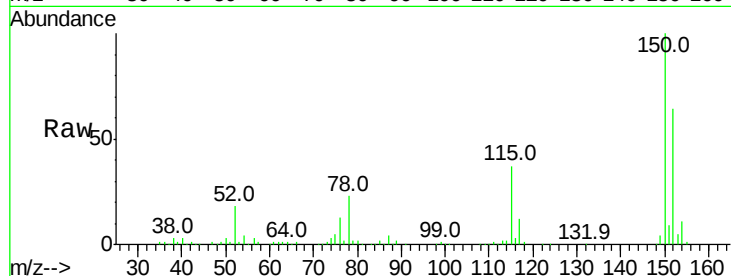
Tot Ion:152 Resp: 189673

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

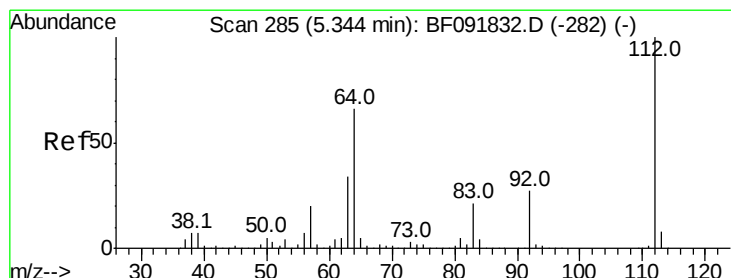
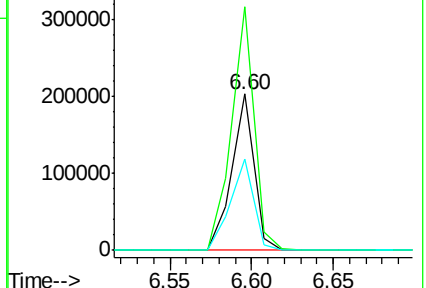
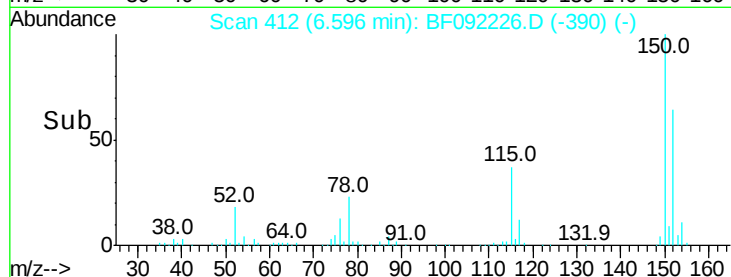
115 58.2 46.0 69.0



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: 135.63 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

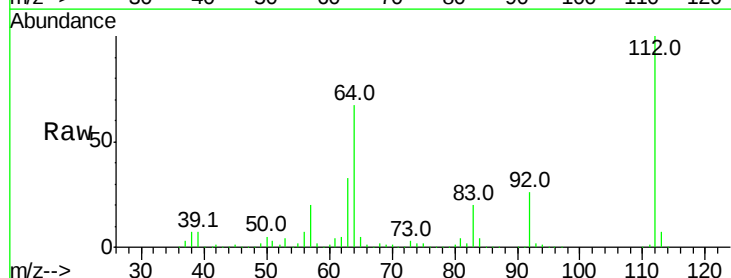
Tgt Ion:112 Resp: 1540734

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

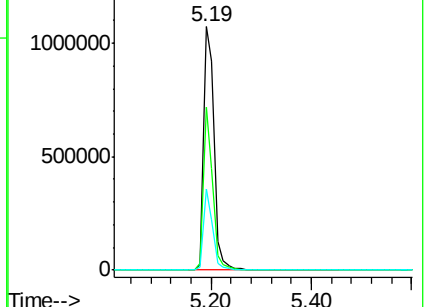
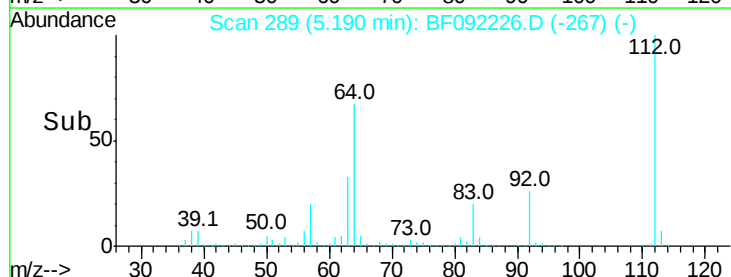
63 33.3 23.8 35.6



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: 135.45 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

Instrument :

BNA_F

ClientSampleId :

COMP-0011

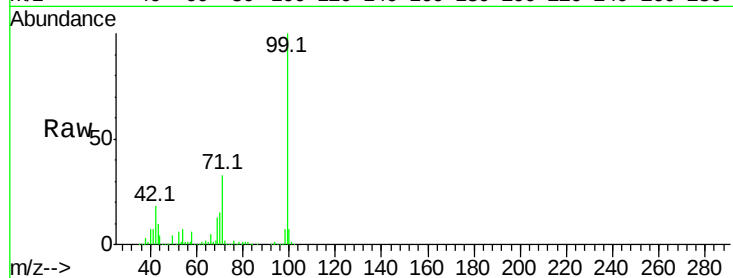
Tot Ion: 99 Resp: 1878586

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

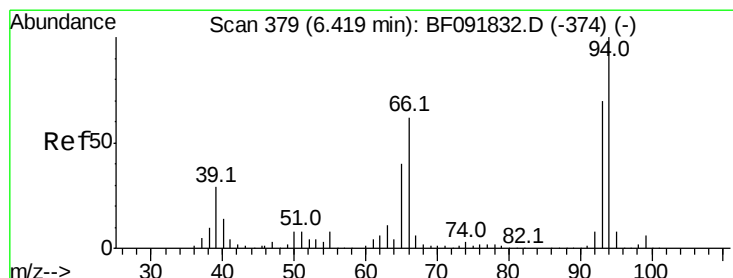
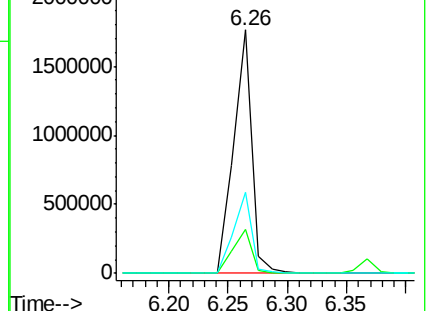
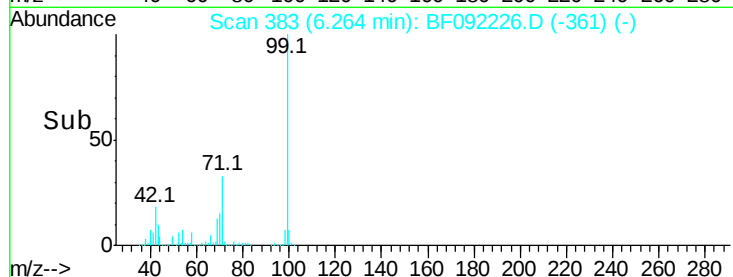
71 33.1 27.5 41.3



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: 8.41 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

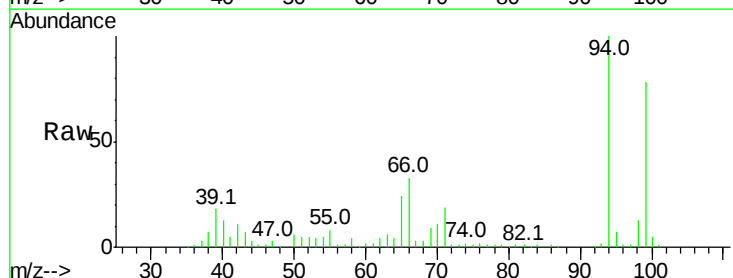
Tgt Ion: 94 Resp: 132860

Ion Ratio Lower Upper

94 100

65 24.0 21.4 61.4

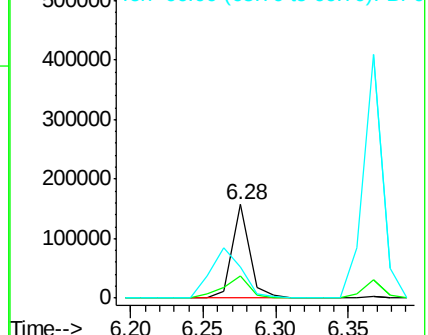
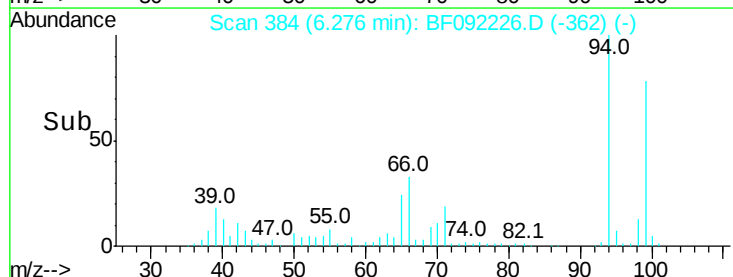
66 33.2 44.0 84.0#

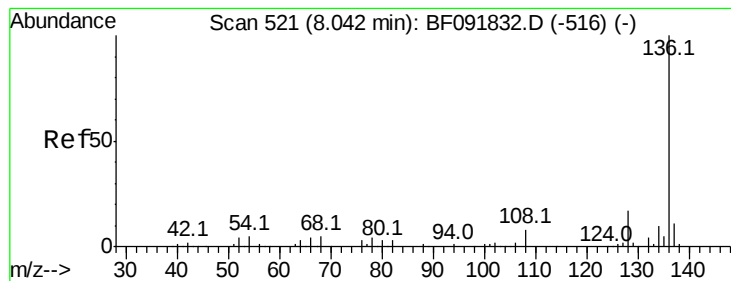


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.88 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

Instrument :

BNA_F

ClientSampleId :

COMP-0011

Tot Ion:136 Resp: 604001

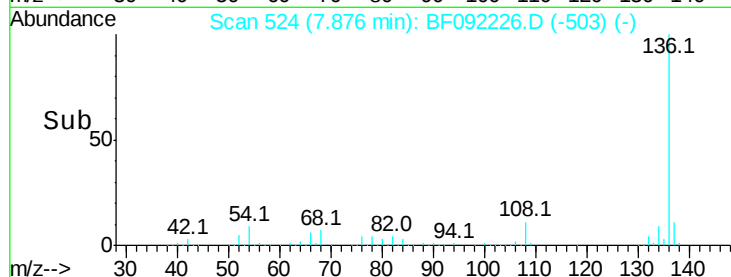
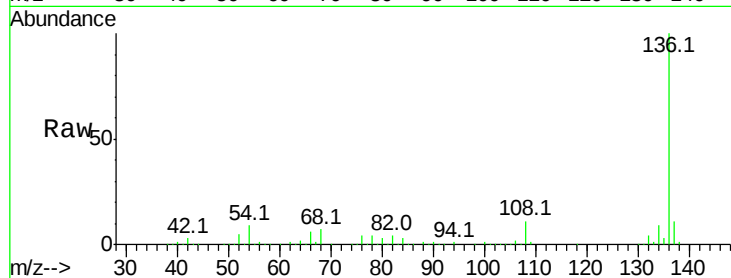
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.5 4.5 6.7#

68 7.0 3.6 5.4#

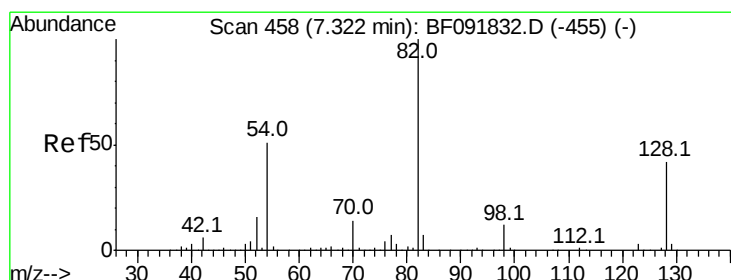
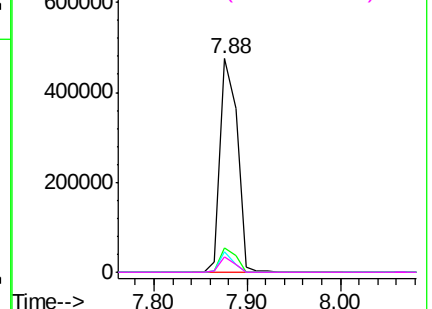


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.82 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

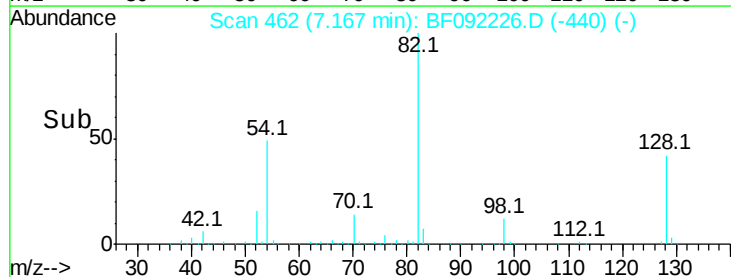
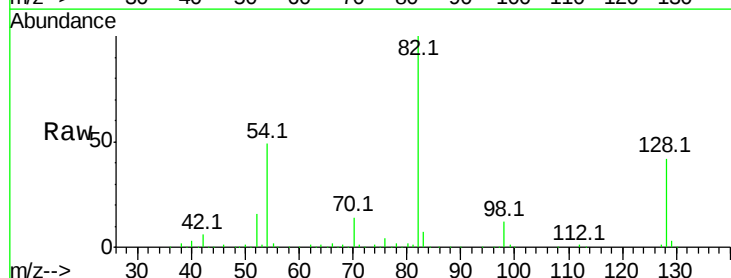
Tgt Ion: 82 Resp: 910457

Ion Ratio Lower Upper

82 100

128 42.1 34.6 52.0

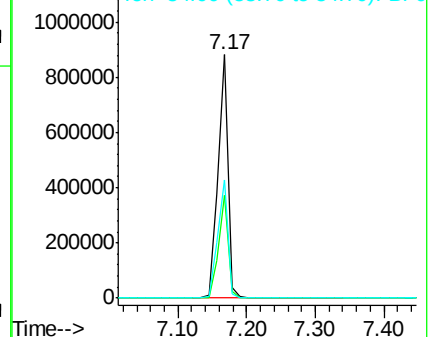
54 48.6 39.5 59.3

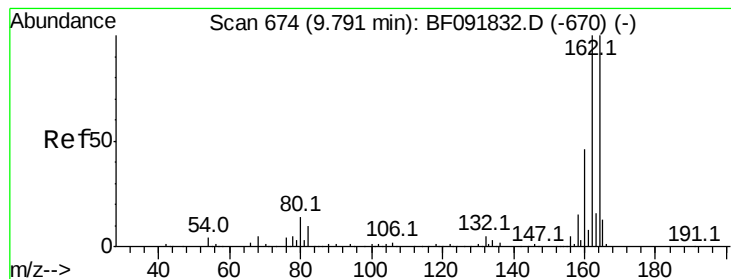


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

Instrument :

BNA_F

ClientSampleId :

COMP-0011

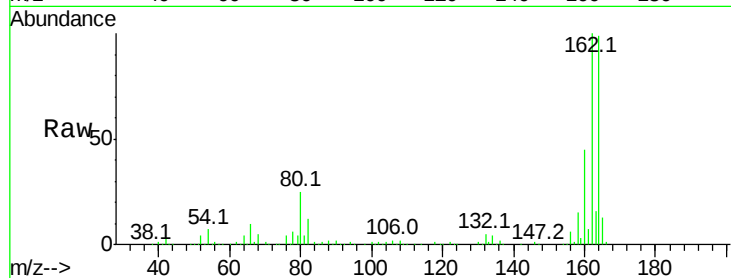
Tot Ion:164 Resp: 339581

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

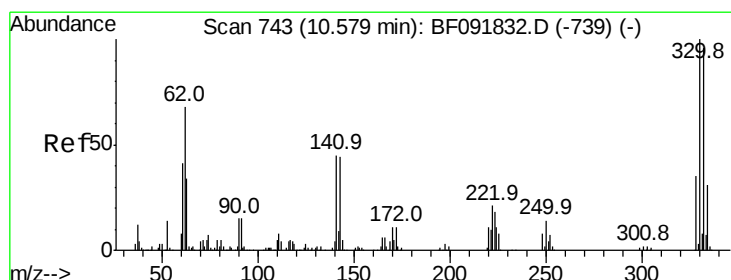
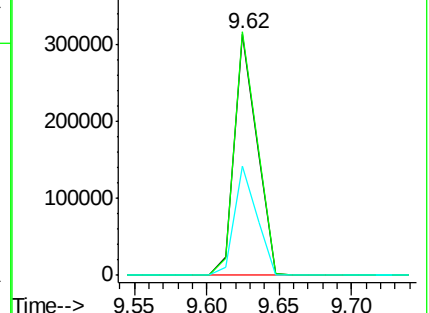
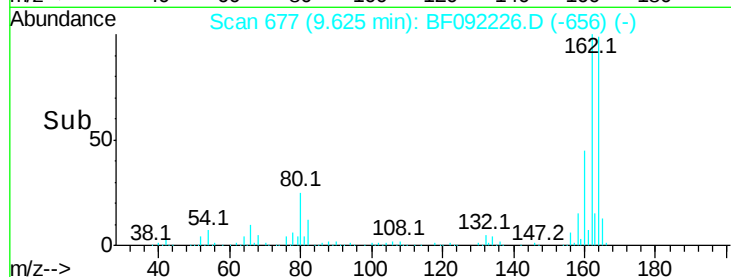
160 45.3 36.9 55.3



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: 123.02 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

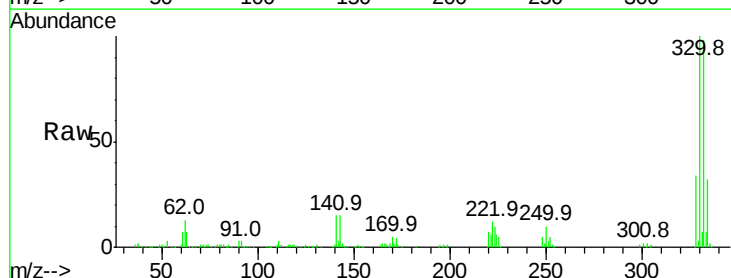
Tgt Ion:330 Resp: 345718

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.2

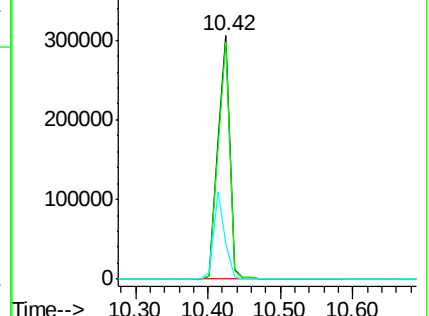
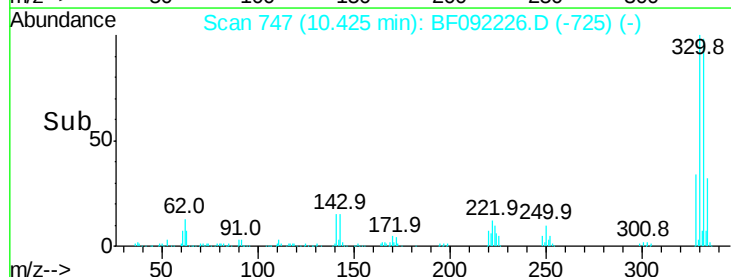
141 33.7 34.1 51.1#



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



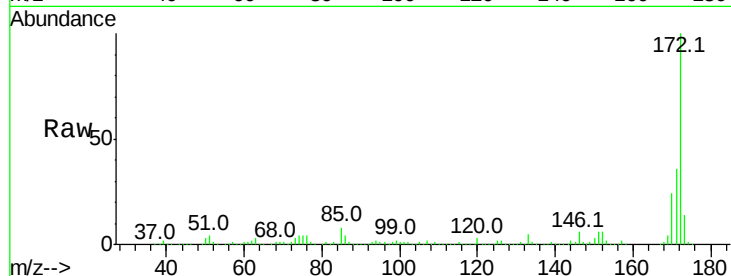


#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092226.D
 Acq: 13 Jan 2017 00:00

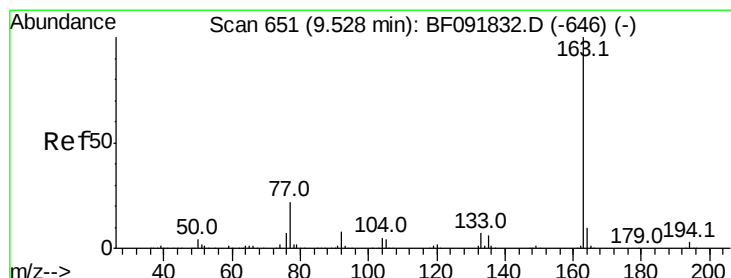
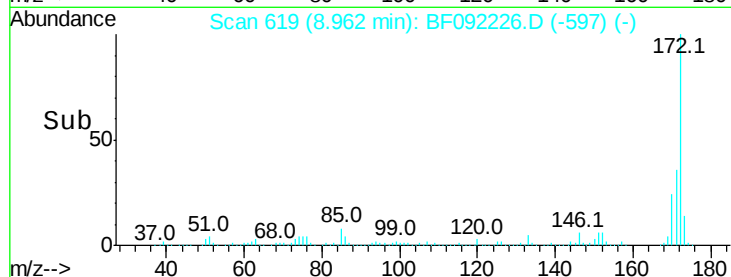
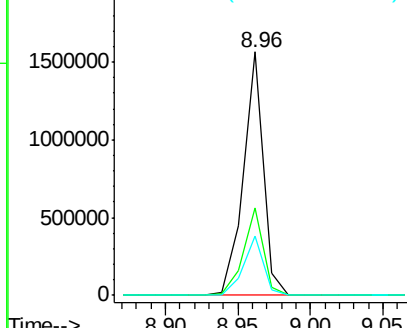
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0011

Tot Ion:172 Resp: 1495729

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4



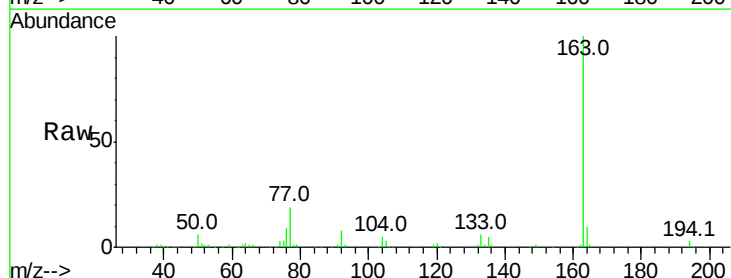
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



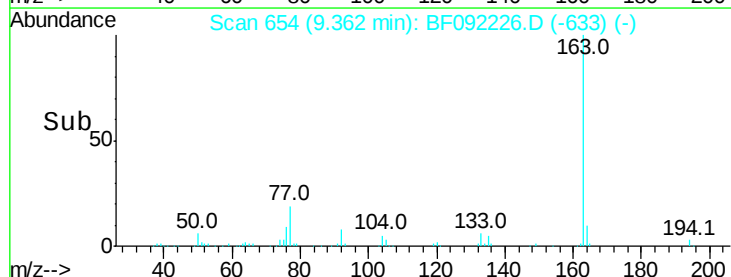
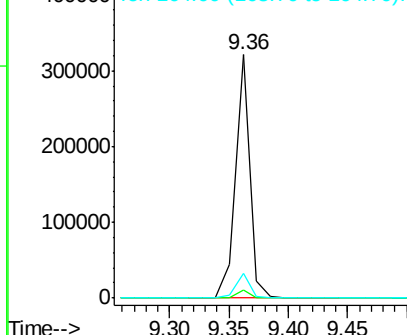
#49
 Dimethylphthalate
 Concen: 12.32 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF092226.D
 Acq: 13 Jan 2017 00:00

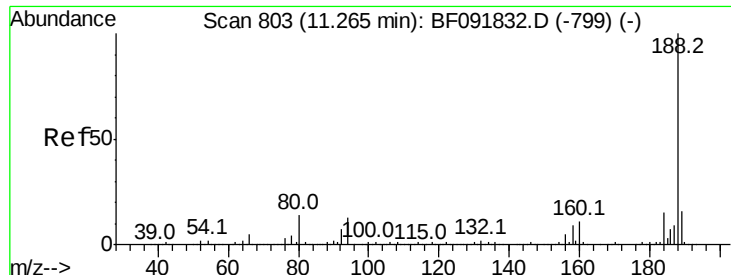
Tgt Ion:163 Resp: 267582

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.0	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

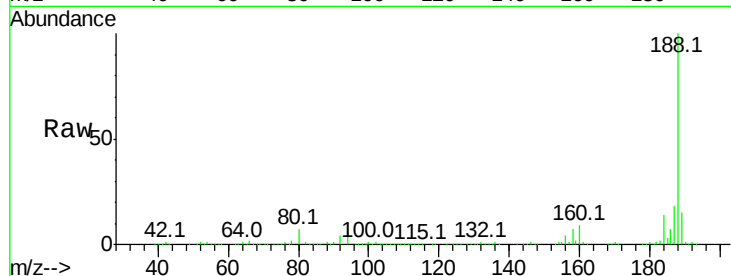




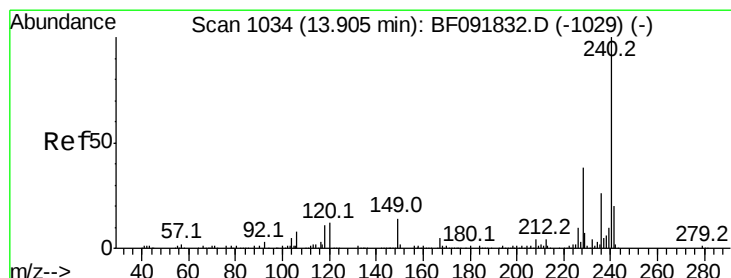
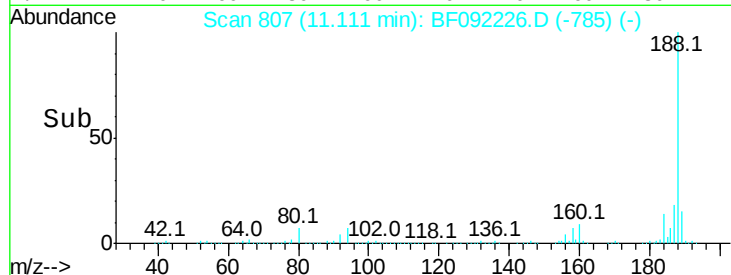
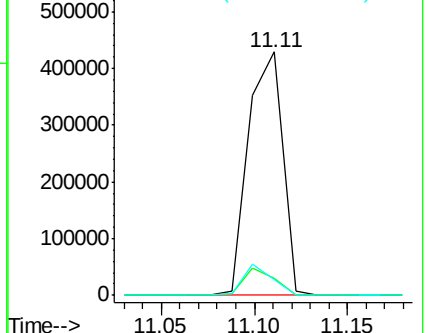
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Instrument :
BNA_F
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COMP-0011

Tot Ion:188 Resp: 547254
Ion Ratio Lower Upper
188 100
94 6.8 10.0 15.0#
80 6.7 11.2 16.8#

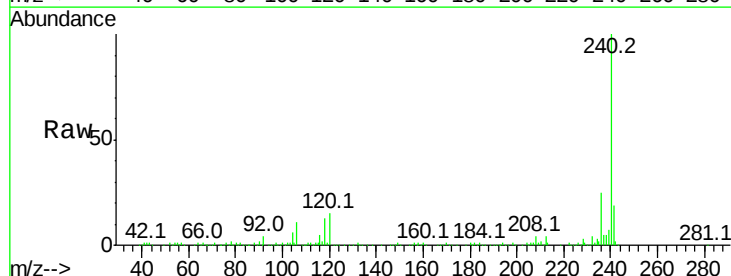


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

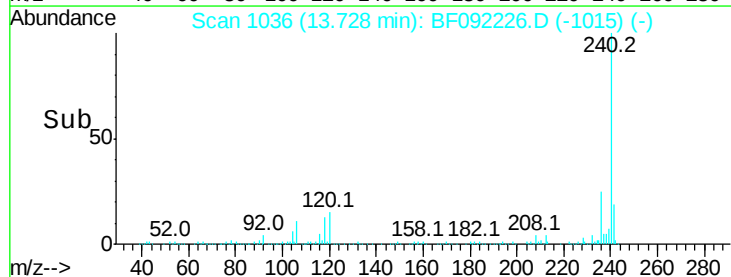
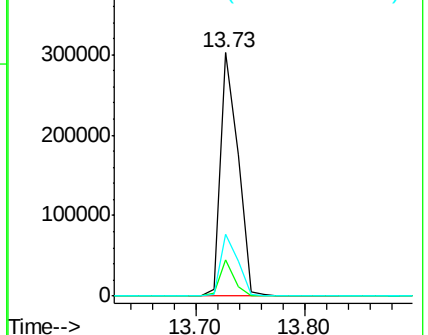


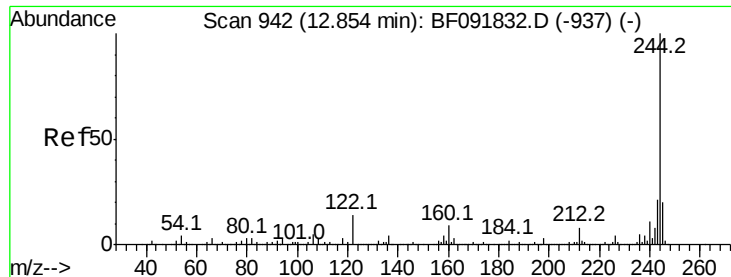
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092226.D
Acq: 13 Jan 2017 00:00

Tgt Ion:240 Resp: 339350
Ion Ratio Lower Upper
240 100
120 15.0 12.9 19.3
236 25.3 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: 80.06 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

Instrument :

BNA_F

ClientSampleId :

COMP-0011

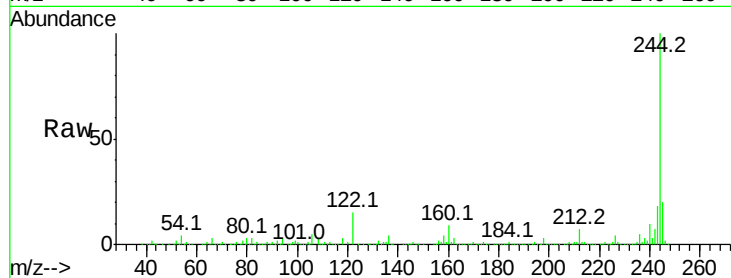
Tot Ion:244 Resp: 1120201

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

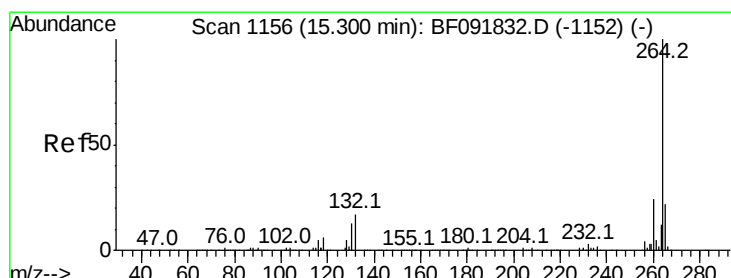
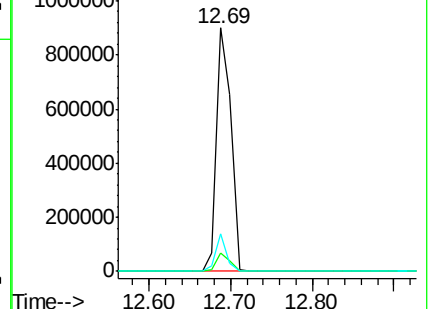
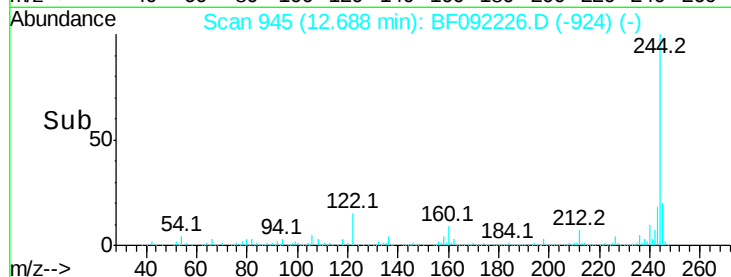
122 15.4 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.09 min Scan# 1155

Delta R.T. -0.06 min

Lab File: BF092226.D

Acq: 13 Jan 2017 00:00

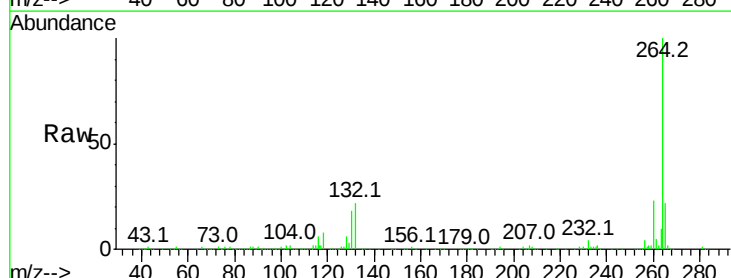
Tgt Ion:264 Resp: 335103

Ion Ratio Lower Upper

264 100

260 23.3 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

