

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094240.D
 Acq On : 6 Apr 2017 20:46
 Operator : SJ/MA
 Sample : I2534-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(10-15)

Quant Time: Apr 07 01:05:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

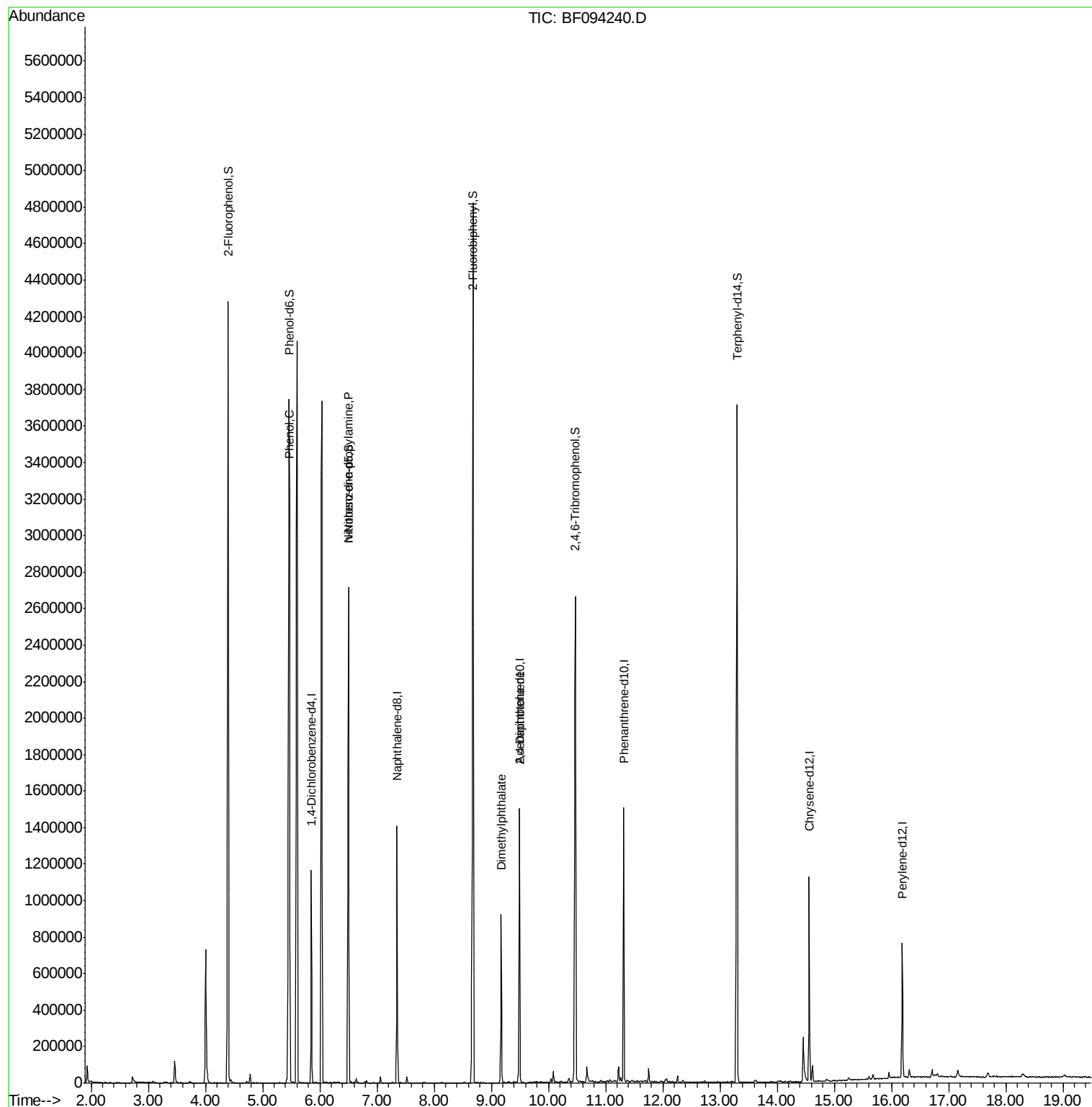
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	173255	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	713709	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	335695	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	592580	20.00	ng	0.00
75) Chrysene-d12	14.56	240	413415	20.00	ng	-0.01
86) Perylene-d12	16.19	264	286624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1408895	137.35	ng	0.01
7) Phenol-d6	5.46	99	1864123	146.90	ng	0.00
23) Nitrobenzene-d5	6.50	82	1137279	90.94	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	399626	150.65	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1971798	89.59	ng	0.00
78) Terphenyl-d14	13.30	244	1602144	86.87	ng	0.00
Target Compounds						
10) Phenol	5.47	94	135968	9.42	ng	90
19) n-Nitroso-di-n-propylamine	6.50	70	151894	18.62	ng	# 74
49) Dimethylphthalate	9.17	163	421980	17.68	ng	99
56) 2,4-Dinitrotoluene	9.49	165	42195	6.14	ng	# 33

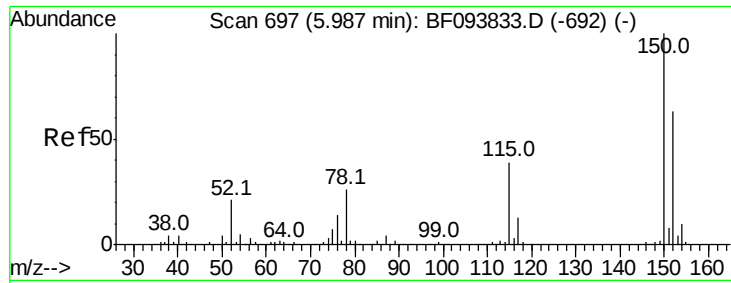
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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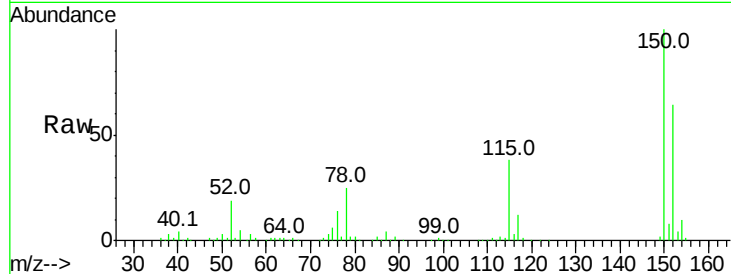


#1

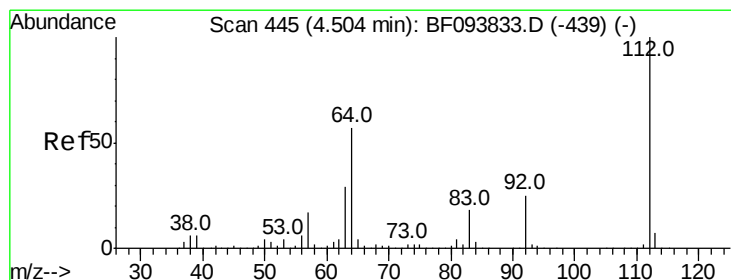
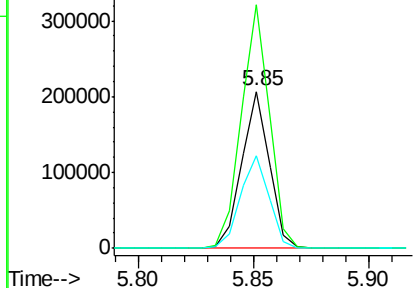
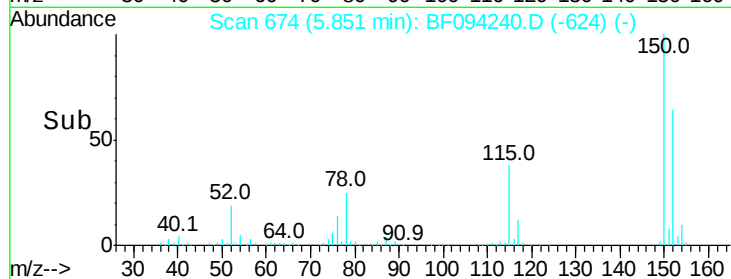
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094240.D
Acq: 6 Apr 2017 20:46

Instrument :
BNA_F
ClientSampleId :
GP-B-01(10-15)

Tot Ion:152 Resp: 173255
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 59.2 52.2 78.2



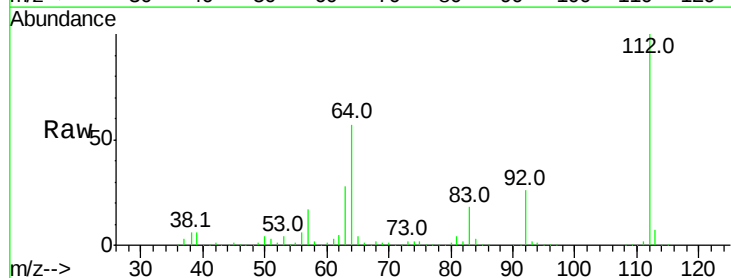
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



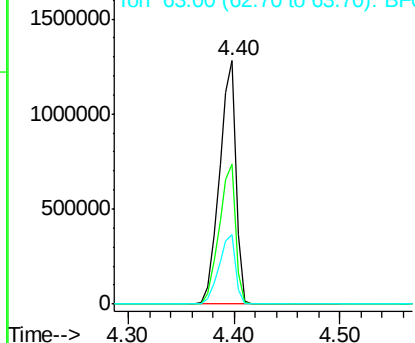
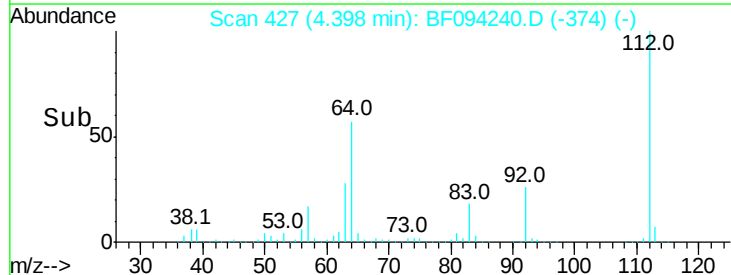
#5

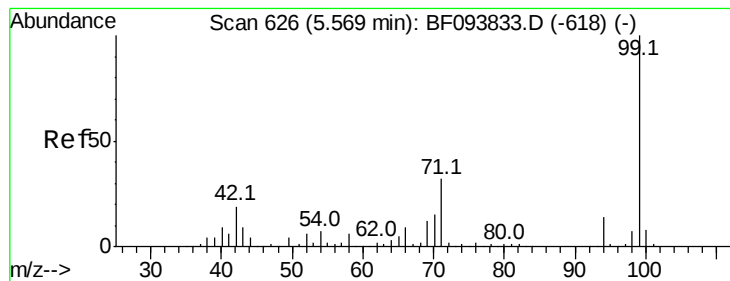
2-Fluorophenol
Concen: 137.35 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094240.D
Acq: 6 Apr 2017 20:46

Tgt Ion:112 Resp: 1408895
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 28.3 23.4 35.0



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: 146.90 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

Instrument :

BNA_F

ClientSampleId :

GP-B-01(10-15)

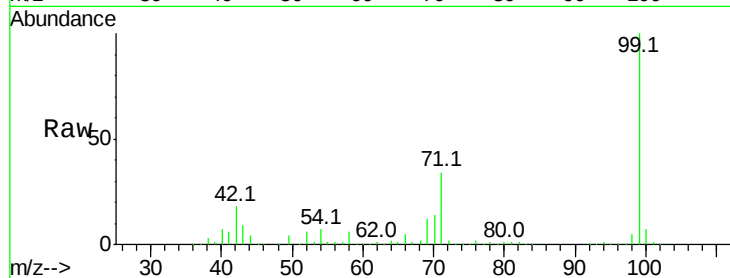
Tot Ion: 99 Resp: 1864123

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

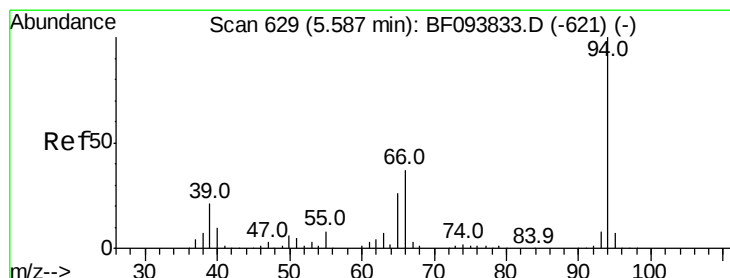
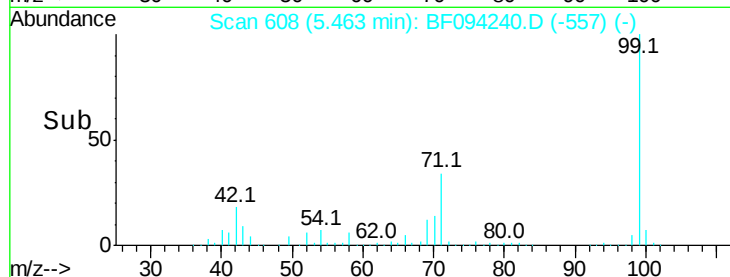
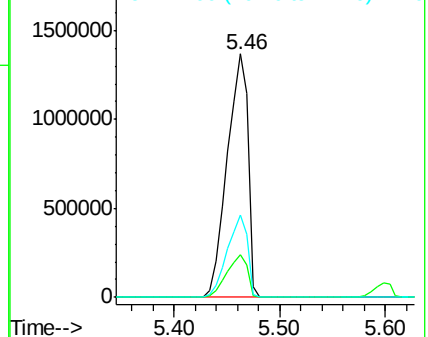
71 33.9 24.5 36.7



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: 9.42 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

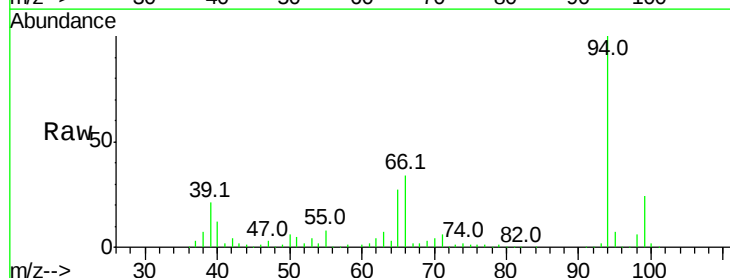
Tgt Ion: 94 Resp: 135968

Ion Ratio Lower Upper

94 100

65 26.8 9.9 49.9

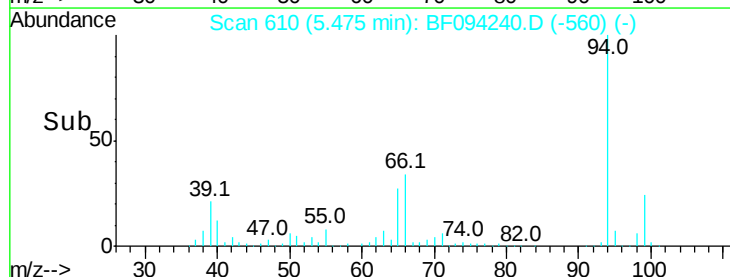
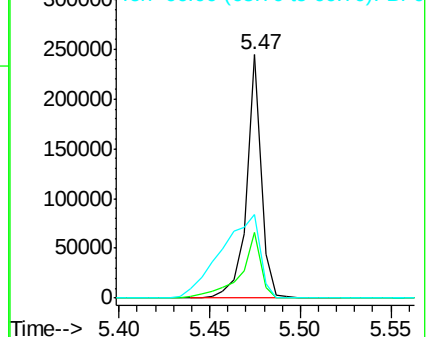
66 34.4 23.1 63.1

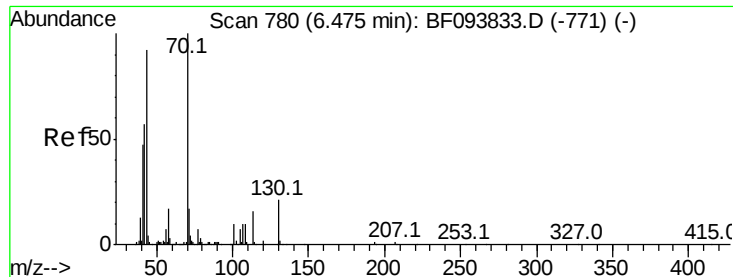


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 18.62 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

Instrument :

BNA_F

ClientSampleId :

GP-B-01(10-15)

Tot Ion: 70 Resp: 151894

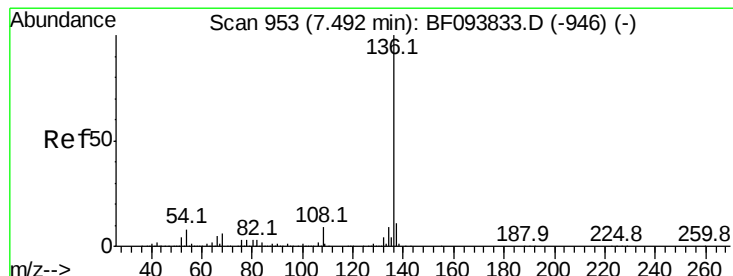
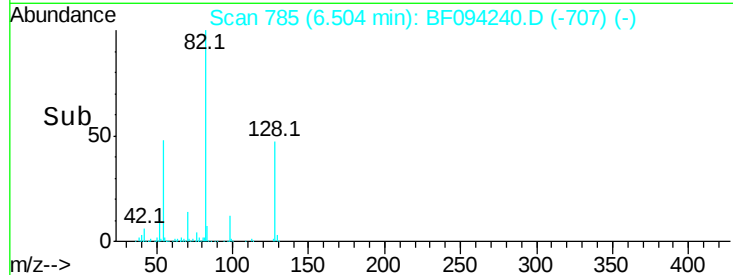
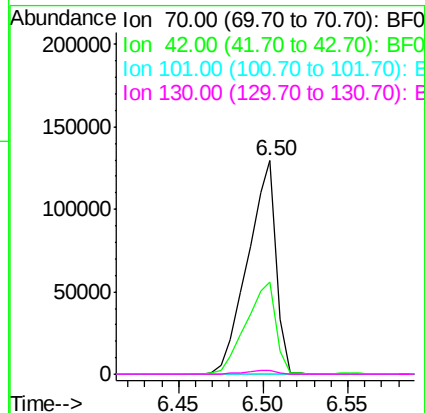
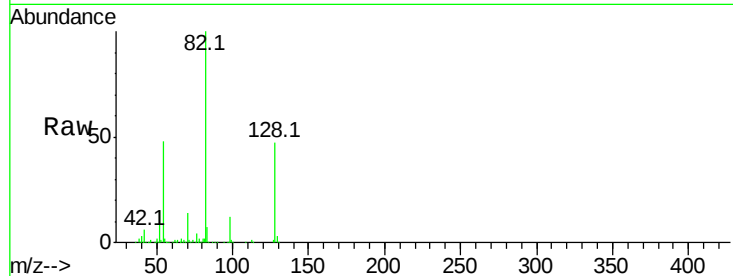
Ion Ratio Lower Upper

70 100

42 43.2 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

Tgt Ion: 136 Resp: 713709

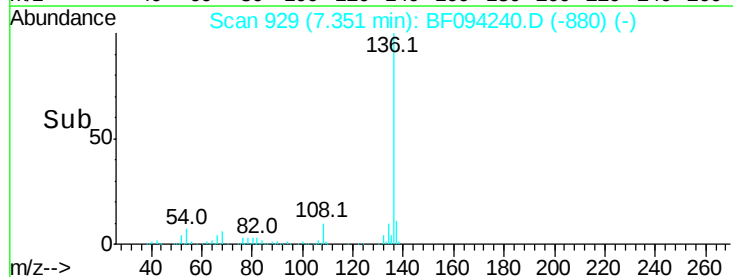
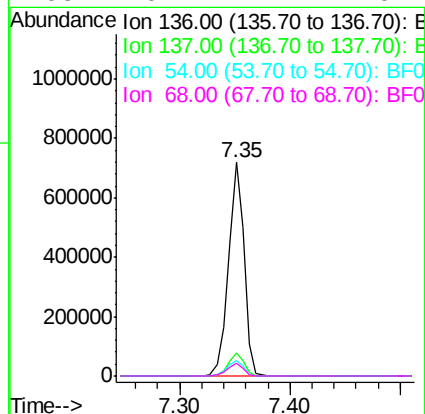
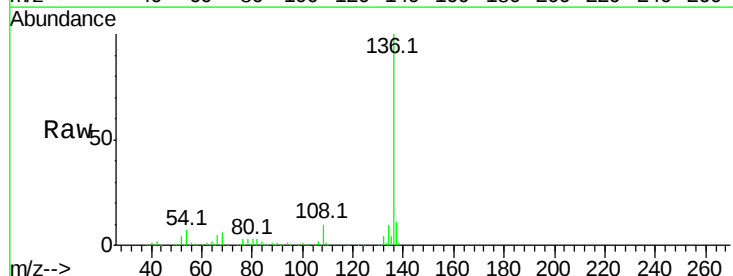
Ion Ratio Lower Upper

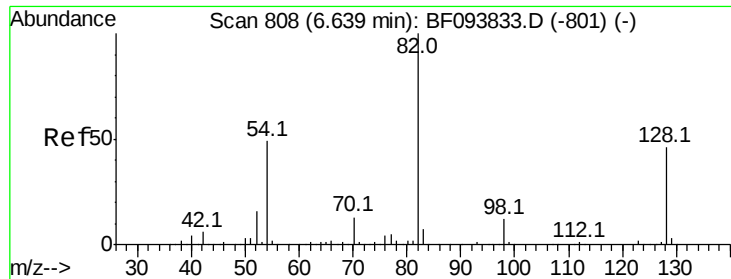
136 100

137 11.0 8.5 12.7

54 7.5 4.9 7.3#

68 6.1 4.1 6.1



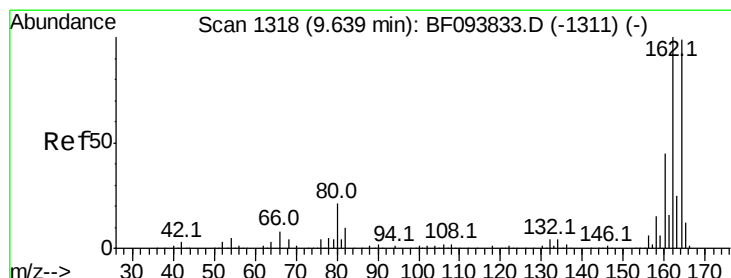
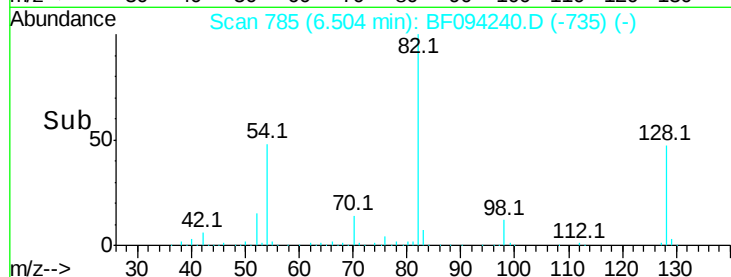
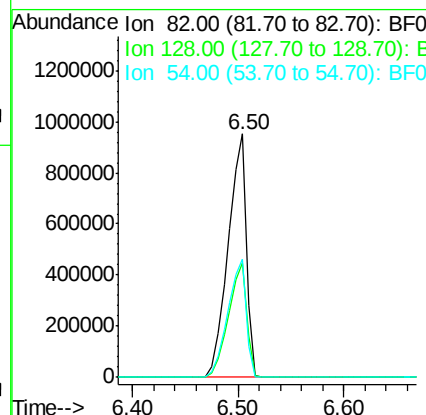
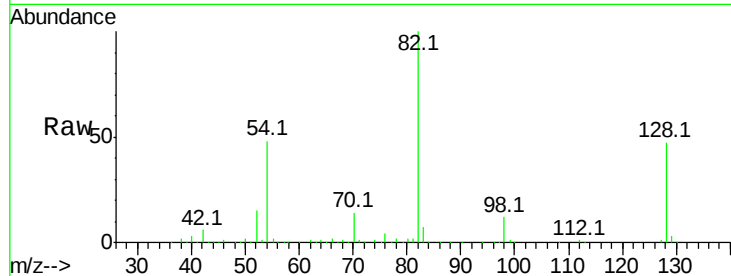


#23
 Nitrobenzene-d5
 Concen: 90.94 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094240.D
 Acq: 6 Apr 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(10-15)

Tot Ion: 82 Resp: 1137279

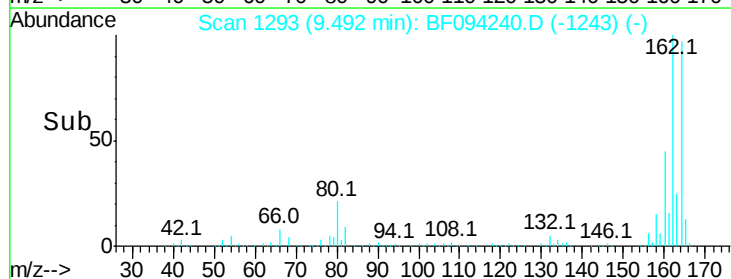
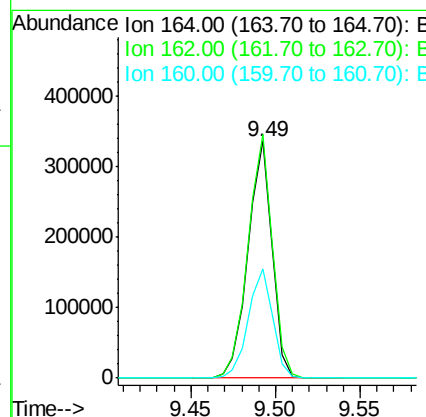
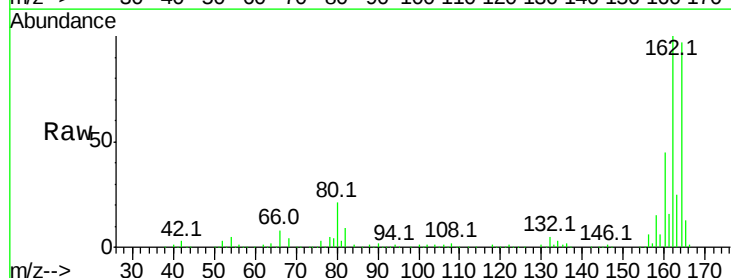
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	48.3	42.2	63.2

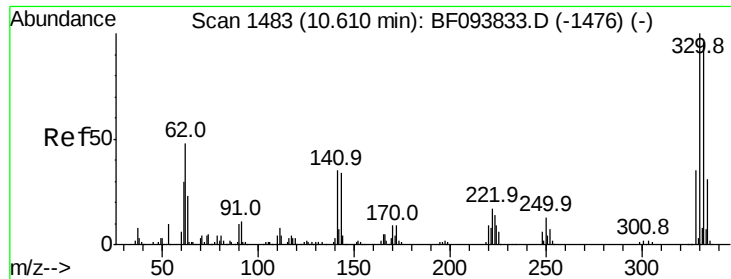


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094240.D
 Acq: 6 Apr 2017 20:46

Tgt Ion:164 Resp: 335695

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	46.2	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 150.65 ng

RT: 10.47 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

Instrument :

BNA_F

ClientSampleId :

GP-B-01(10-15)

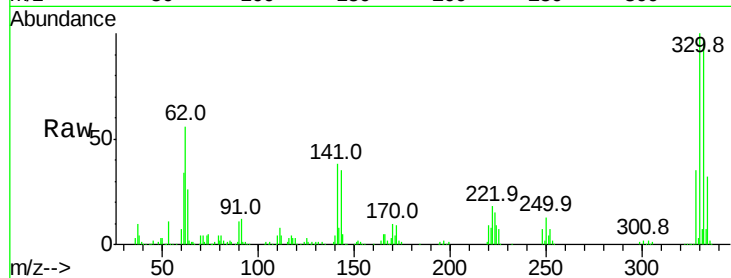
Tot Ion:330 Resp: 399626

Ion Ratio Lower Upper

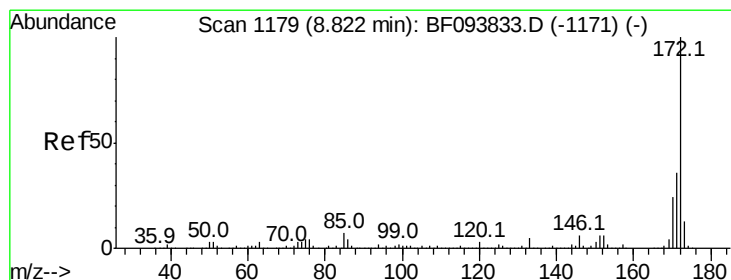
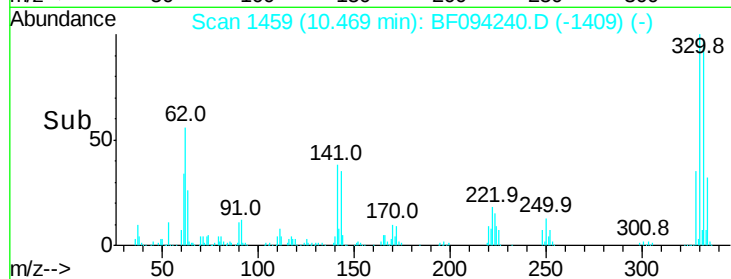
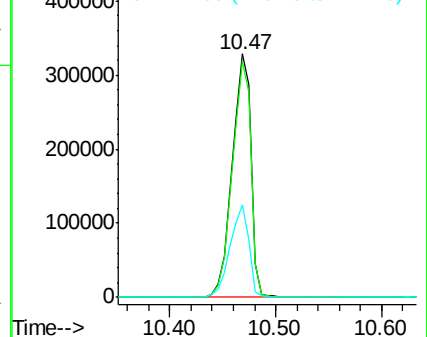
330 100

332 96.8 76.6 115.0

141 38.2 31.4 47.2



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: 89.59 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

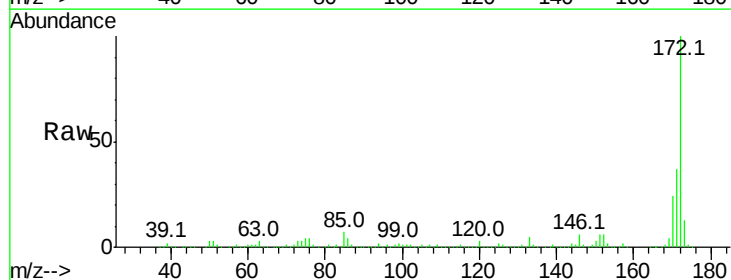
Tgt Ion:172 Resp: 1971798

Ion Ratio Lower Upper

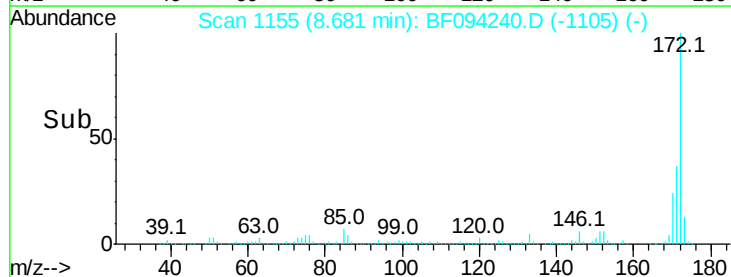
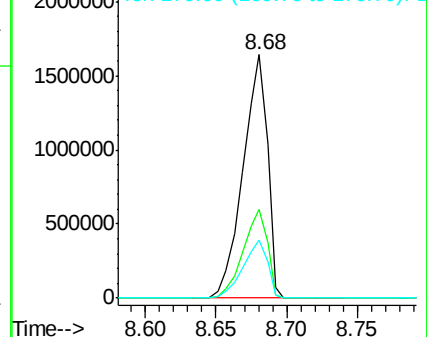
172 100

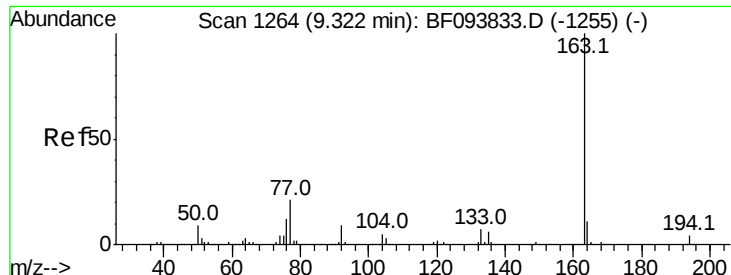
171 36.6 29.6 44.4

170 23.8 19.8 29.8



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

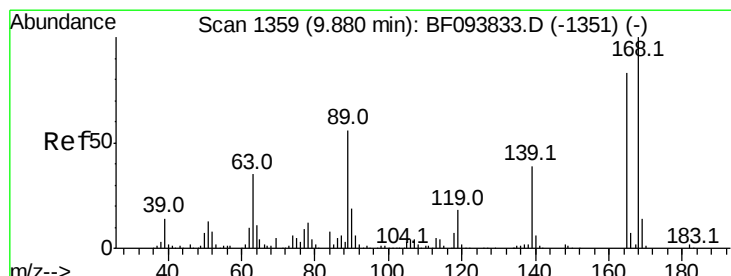
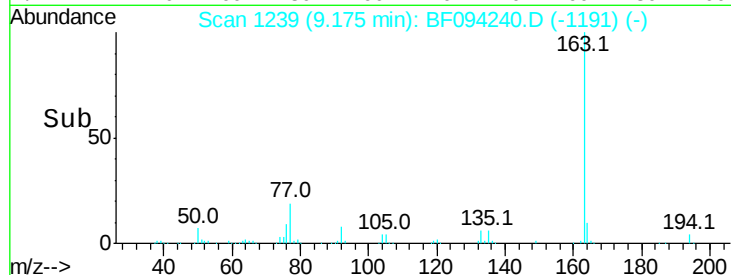
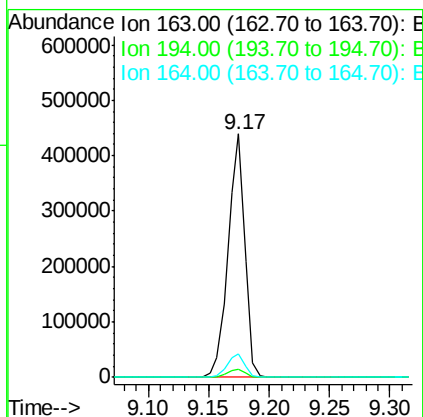
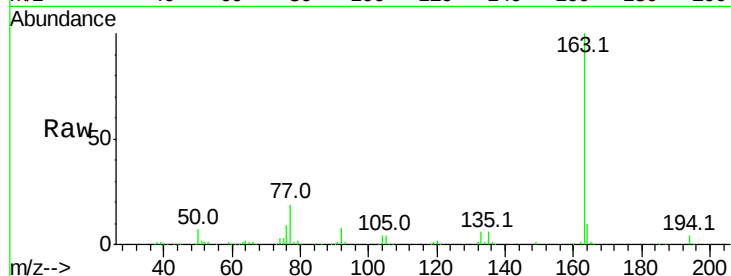




#49
Dimethylphthalate
Concen: 17.68 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094240.D
Acq: 6 Apr 2017 20:46

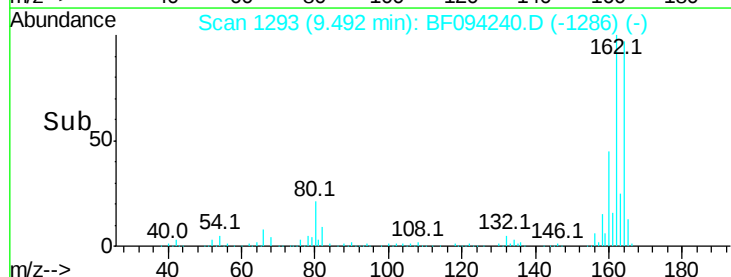
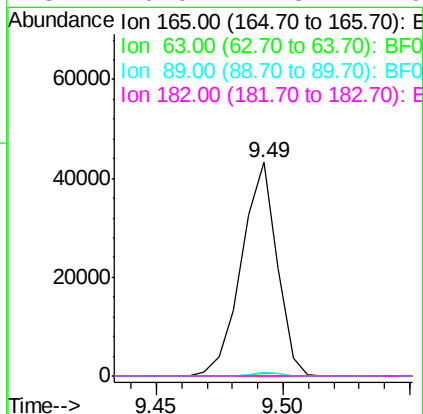
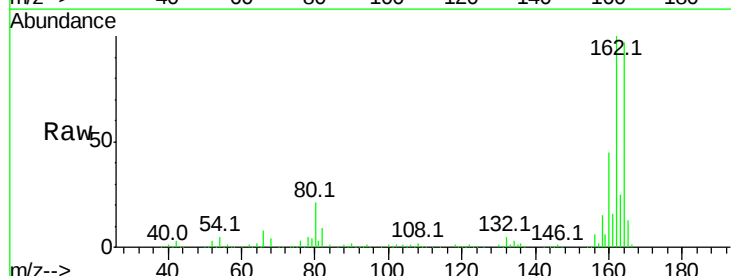
Instrument :
BNA_F
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GP-B-01(10-15)

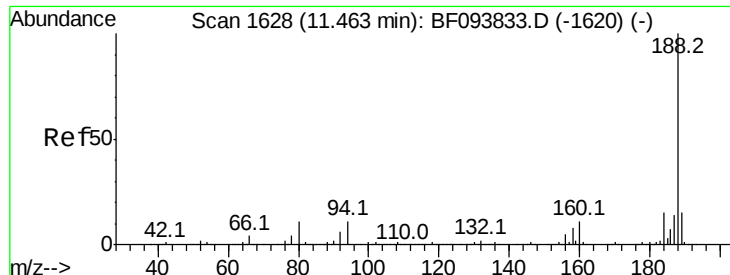
Tot Ion:163 Resp: 421980
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.26 min
Lab File: BF094240.D
Acq: 6 Apr 2017 20:46

Tgt Ion:165 Resp: 42195
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 1.6 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

Instrument :

BNA_F

ClientSampleId :

GP-B-01(10-15)

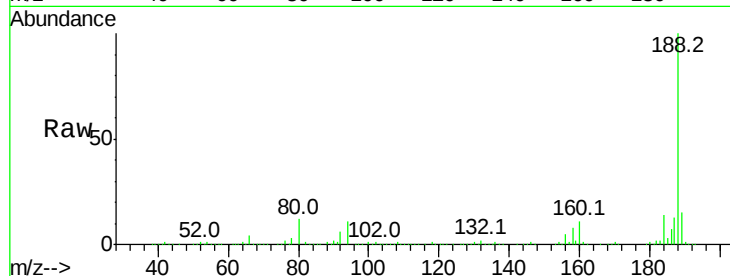
Tot Ion:188 Resp: 592580

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

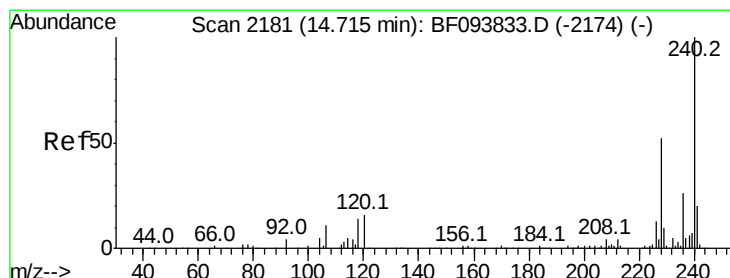
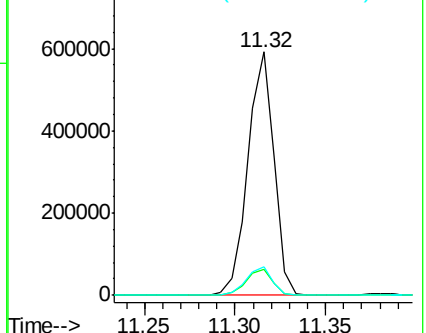
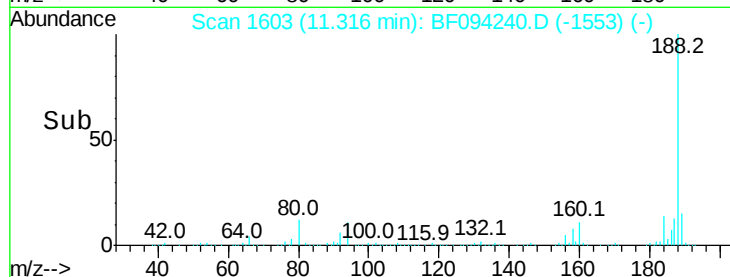
80 11.9 10.2 15.2



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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094240.D

Acq: 6 Apr 2017 20:46

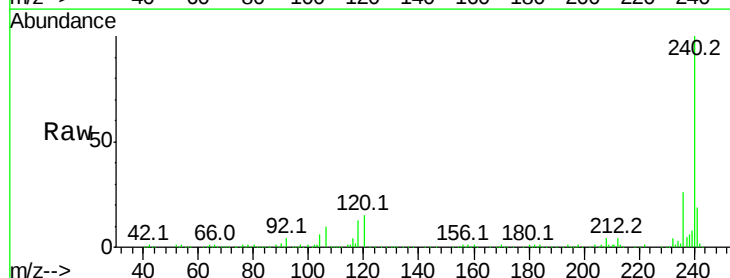
Tgt Ion:240 Resp: 413415

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

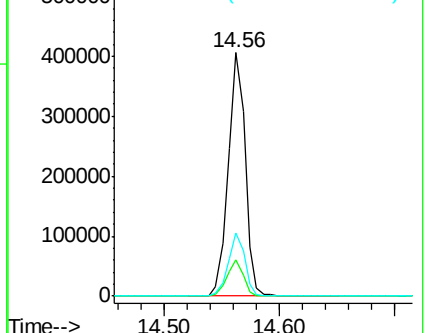
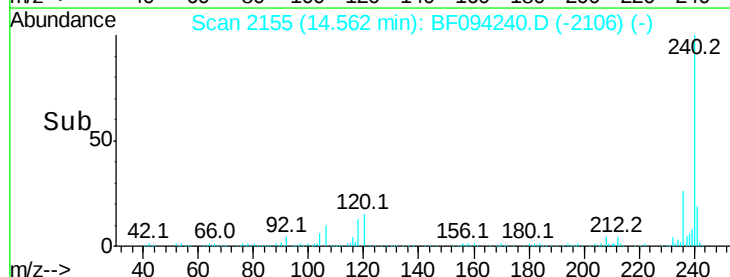
236 25.9 20.5 30.7

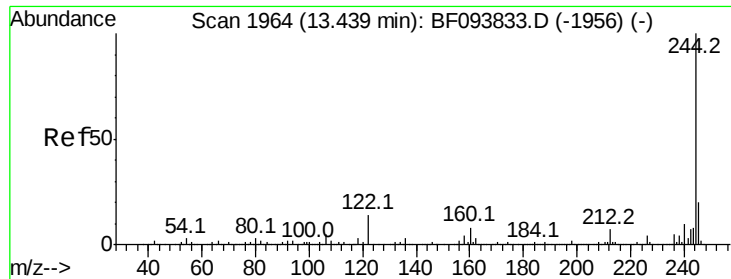


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

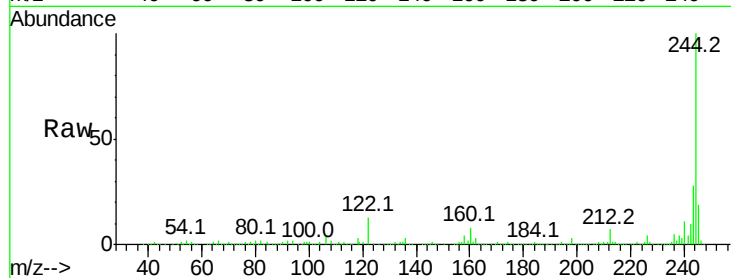




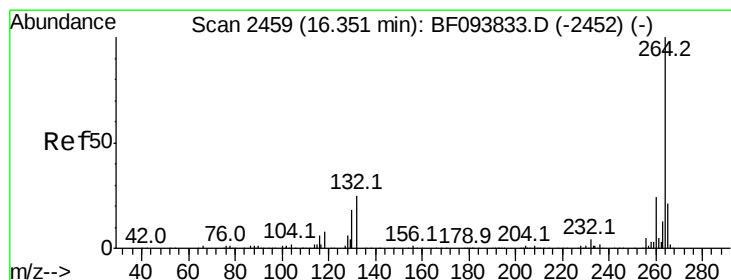
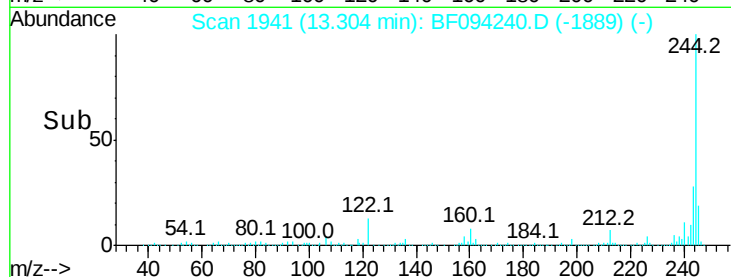
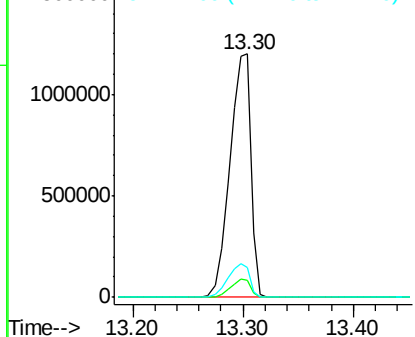
#78
 Terphenyl-d14
 Concen: 86.87 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094240.D
 Acq: 6 Apr 2017 20:46

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(10-15)

Tot Ion:244 Resp: 1602144
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.5 10.3 15.5

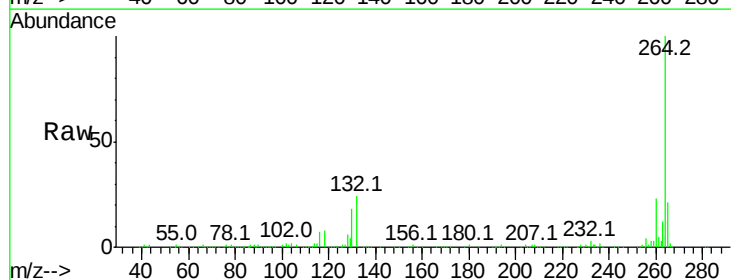


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094240.D
 Acq: 6 Apr 2017 20:46

Tgt Ion:264 Resp: 286624
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 17.2 25.8



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

