

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050317\
 Data File : BF094871.D
 Acq On : 4 May 2017 12:54
 Operator : SJ/MA
 Sample : I2916-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-7.0-8.0

Quant Time: May 04 13:34:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

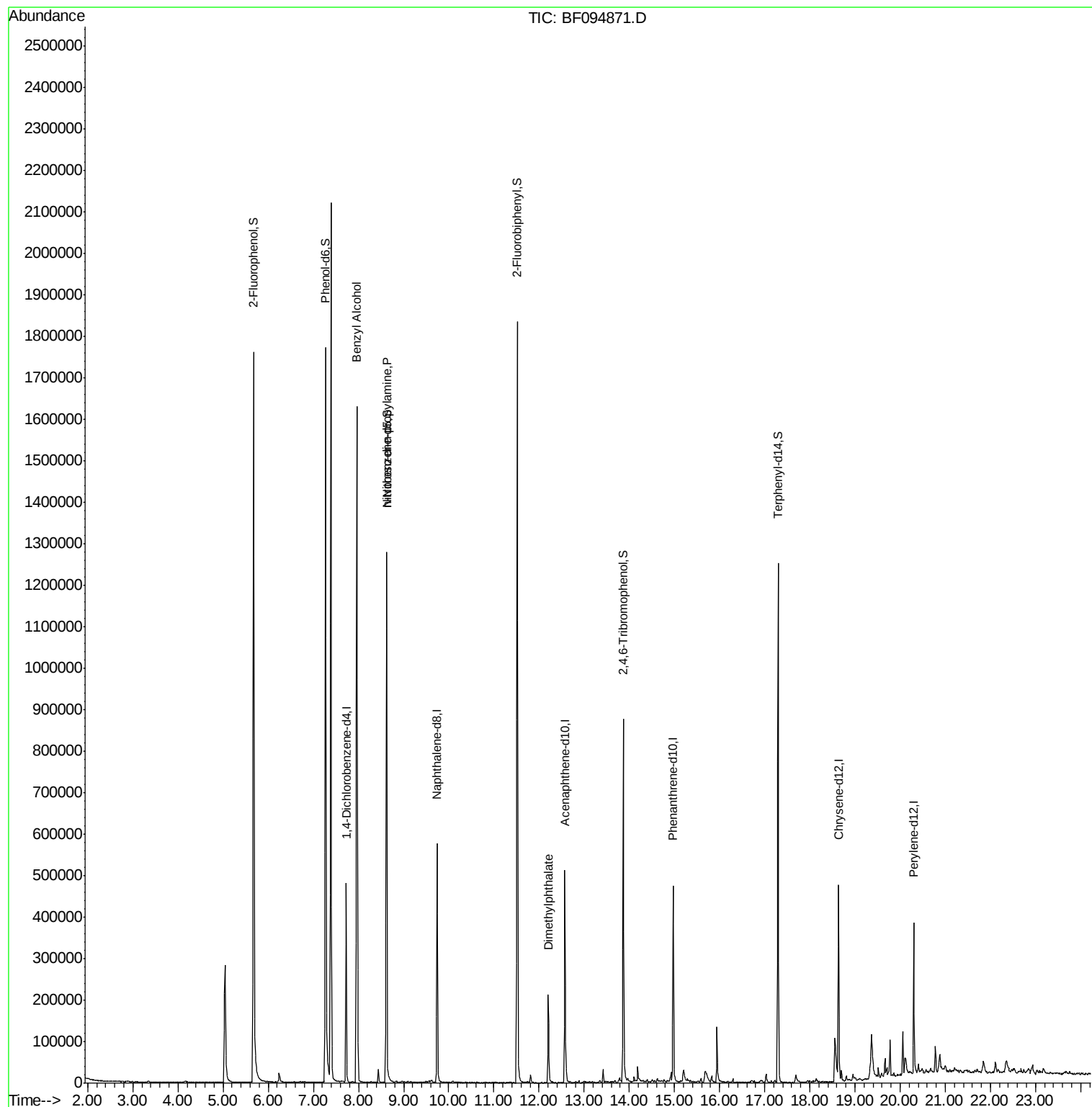
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	92823	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	359965	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	152416	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	234216	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	193566	20.00	ng	-0.02
86) Perylene-d12	20.30	264	145573	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	778916	139.90	ng	0.00
7) Phenol-d6	7.27	99	966022	144.61	ng	0.00
23) Nitrobenzene-d5	8.62	82	565335	99.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	143450	114.92	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	796508	75.22	ng	-0.01
78) Terphenyl-d14	17.29	244	436157	49.63	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.97	79	11574	2.69	ng	# 75
19) n-Nitroso-di-n-propylamine	8.62	70	73424	16.25	ng	# 77
49) Dimethylphthalate	12.21	163	128212	10.25	ng	100

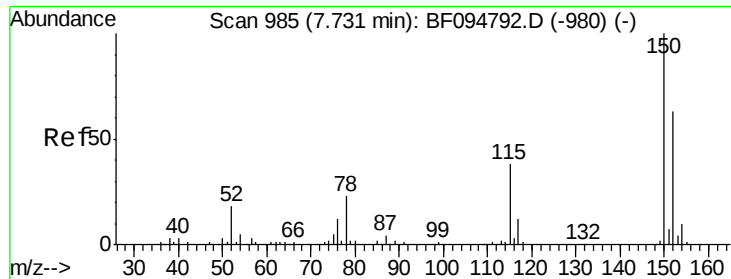
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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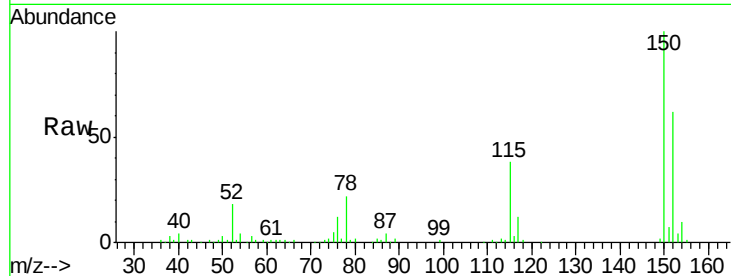


#1

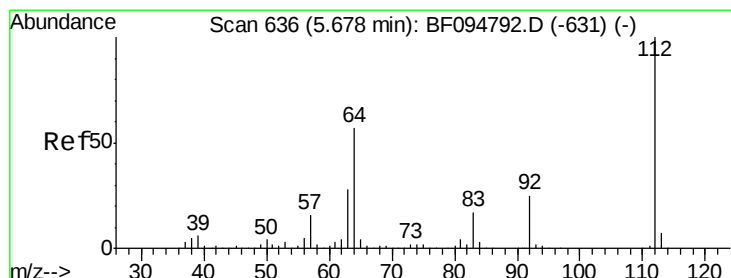
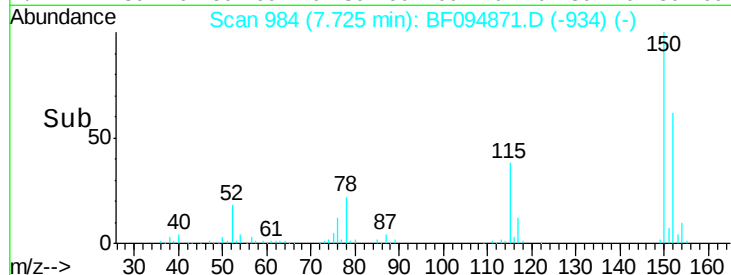
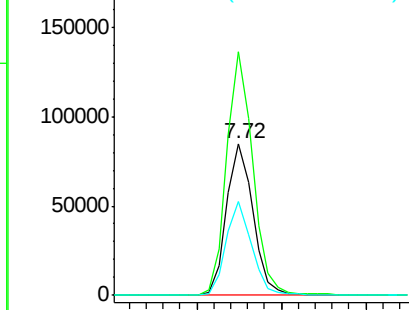
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094871.D
Acq: 4 May 2017 12:54

Instrument :
BNA_F
ClientSampleId :
SB-06-7.0-8.0

Tgt Ion:152 Resp: 92823
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.5 52.2 78.2



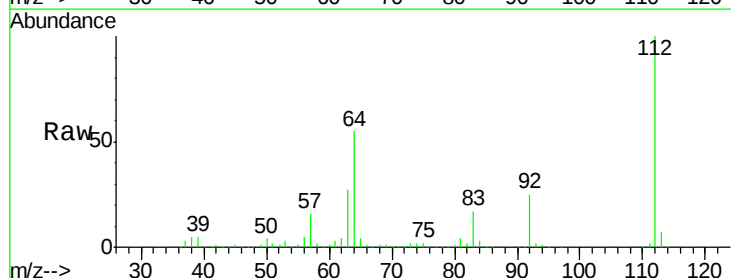
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



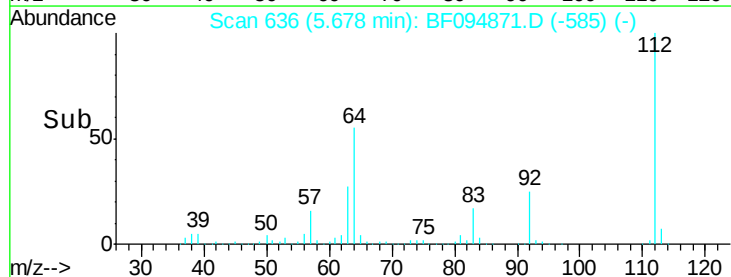
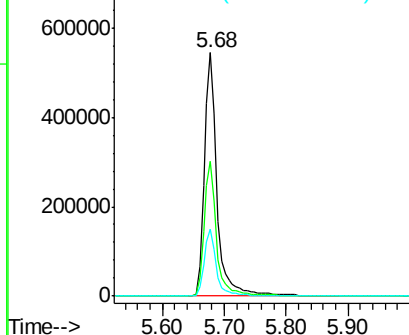
#5

2-Fluorophenol
Concen: 139.90 ng
RT: 5.68 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF094871.D
Acq: 4 May 2017 12:54

Tgt Ion:112 Resp: 778916
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 27.3 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: 144.61 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

Instrument :

BNA_F

ClientSampleId :

SB-06-7.0-8.0

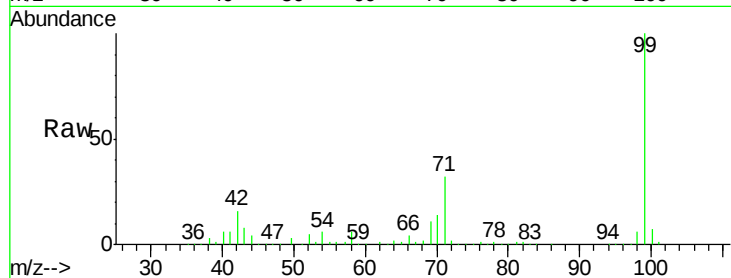
Tgt Ion: 99 Resp: 966022

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

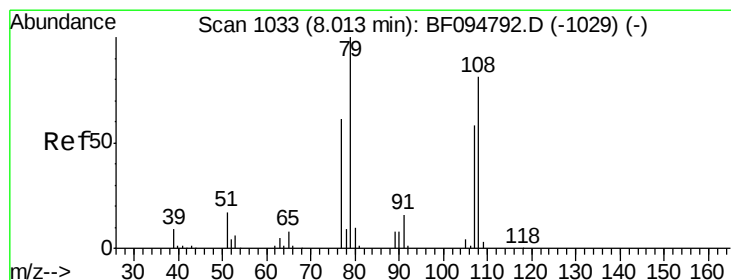
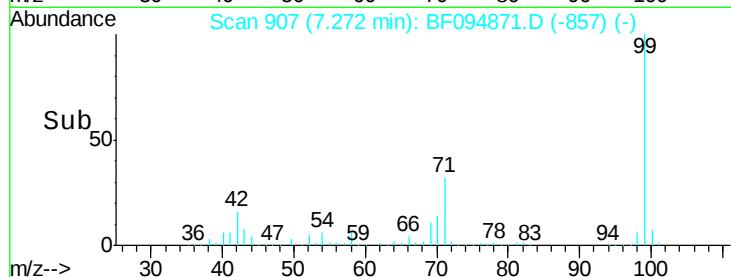
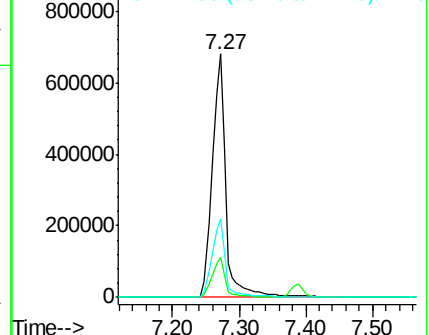
71 32.3 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.69 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

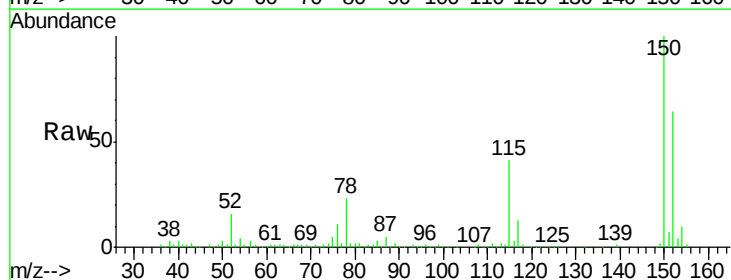
Tgt Ion: 79 Resp: 11574

Ion Ratio Lower Upper

79 100

108 79.3 63.4 95.0

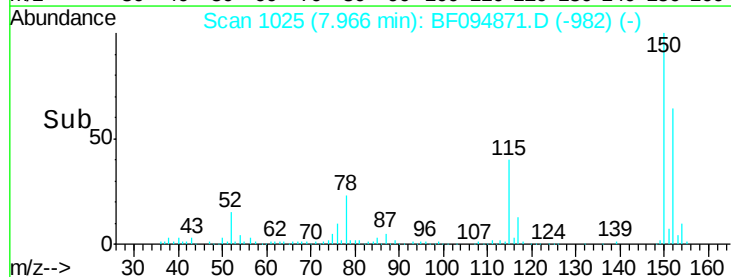
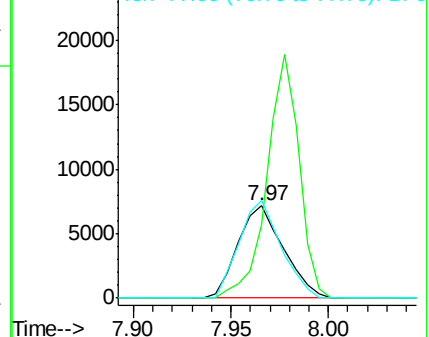
77 105.3 49.2 73.8#

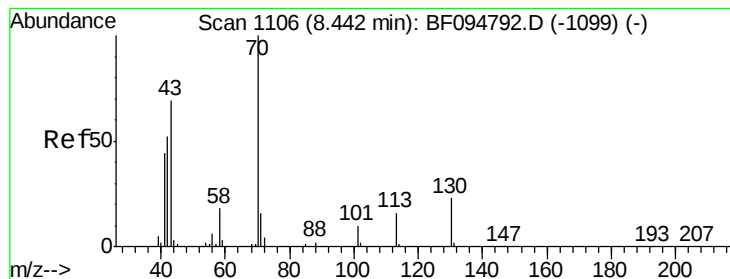


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.25 ng

RT: 8.62 min Scan# 1137

Delta R.T. 0.18 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

Instrument :

BNA_F

ClientSampleId :

SB-06-7.0-8.0

Tgt Ion: 70 Resp: 73424

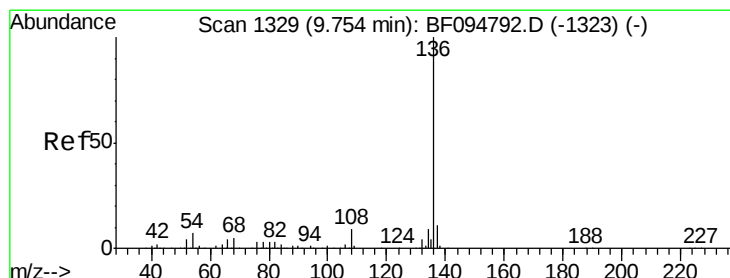
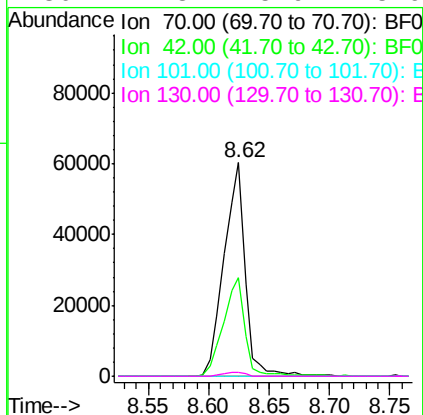
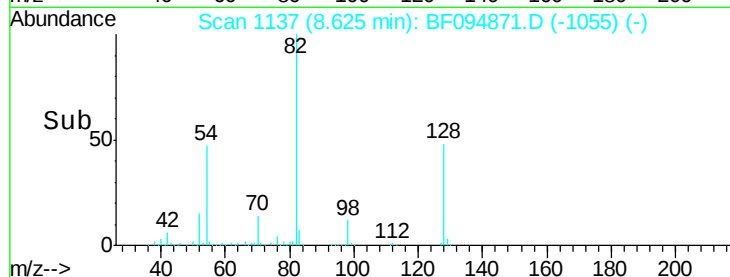
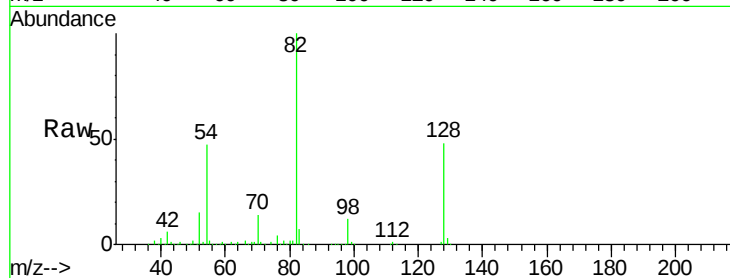
Ion Ratio Lower Upper

70 100

42 46.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

Tgt Ion: 136 Resp: 359965

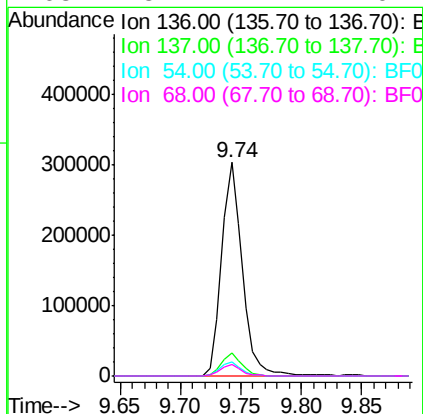
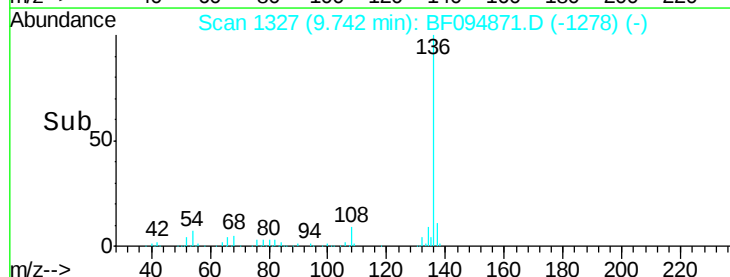
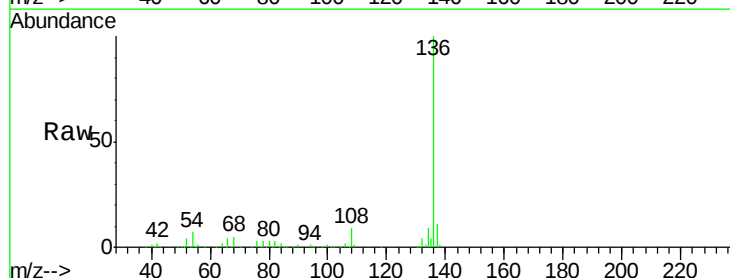
Ion Ratio Lower Upper

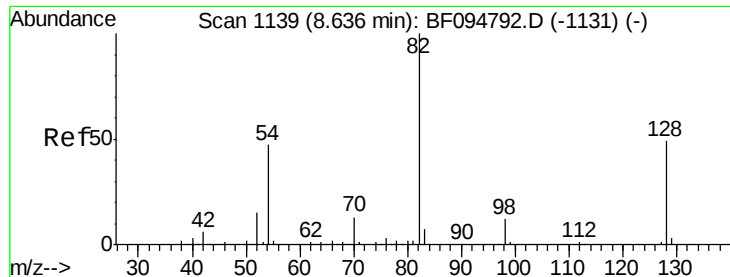
136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.4 4.1 6.1

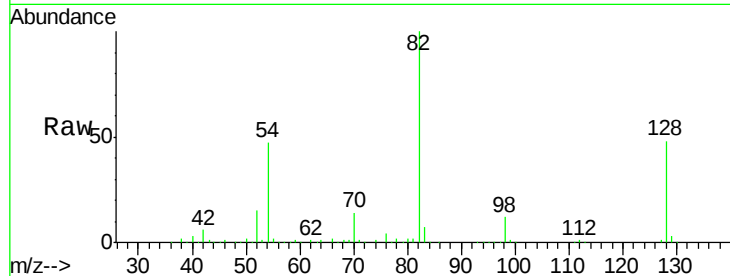




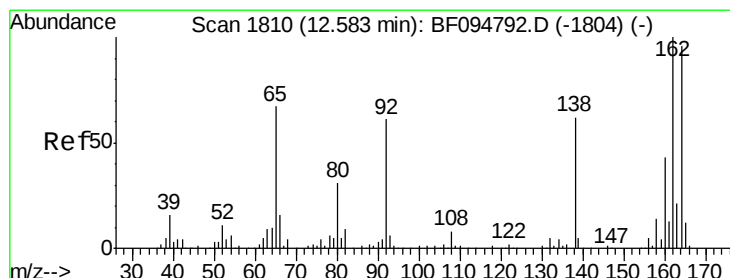
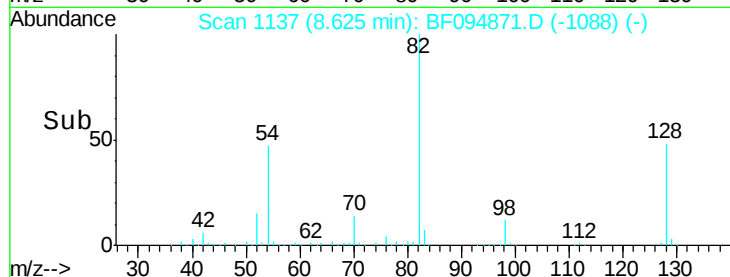
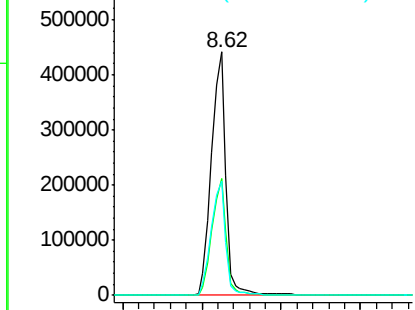
#23
 Nitrobenzene-d5
 Concen: 99.04 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094871.D
 Acq: 4 May 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-7.0-8.0

Tgt Ion: 82 Resp: 565335
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 46.9 42.2 63.2

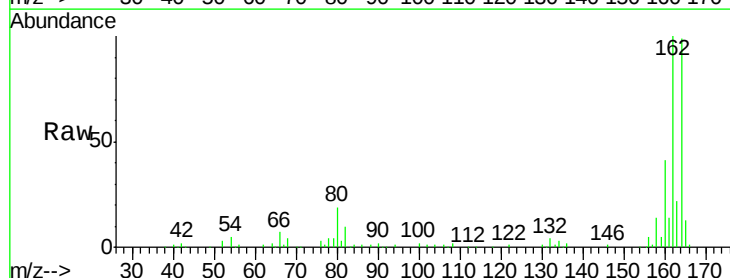


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

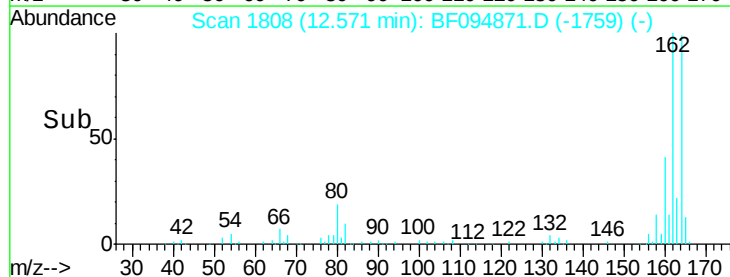
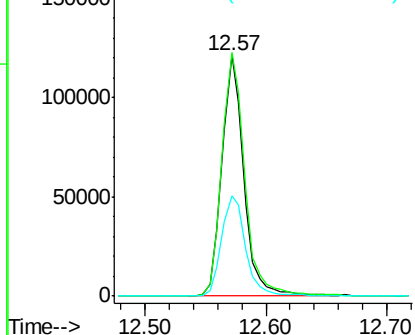


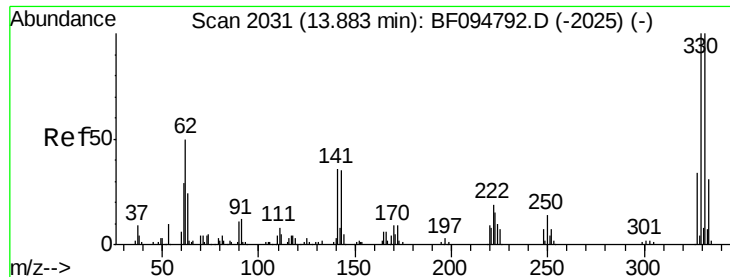
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094871.D
 Acq: 4 May 2017 12:54

Tgt Ion: 164 Resp: 152416
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 41.7 36.2 54.2



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

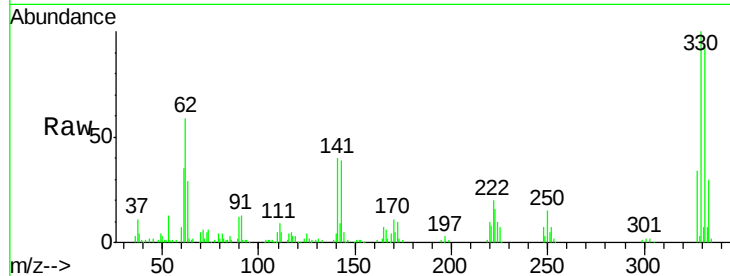




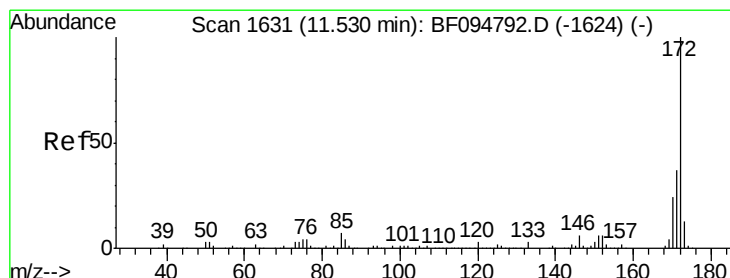
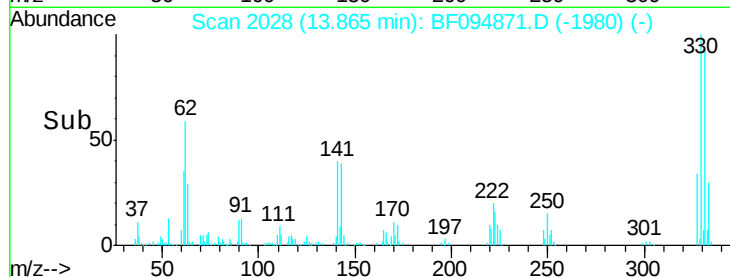
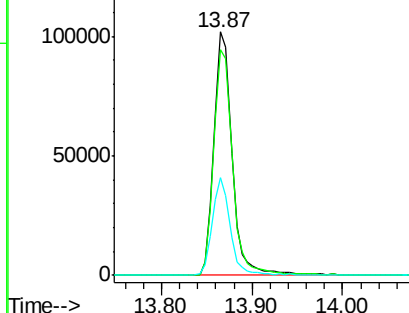
#41
 2,4,6-Tribromophenol
 Concen: 114.92 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094871.D
 Acq: 4 May 2017 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-7.0-8.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.7	31.4	47.2

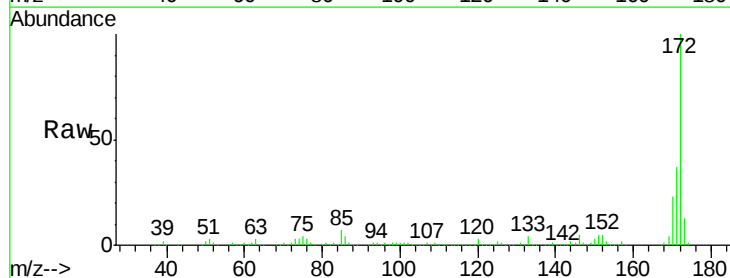


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

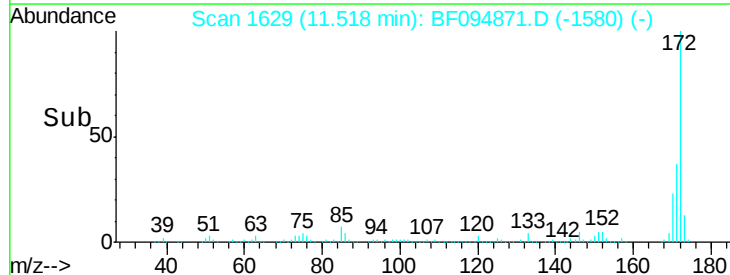
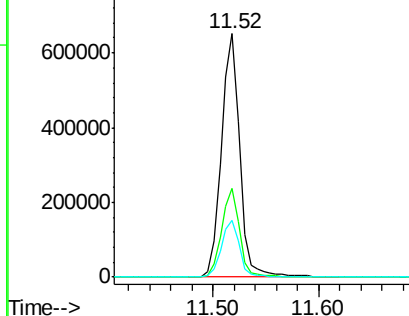


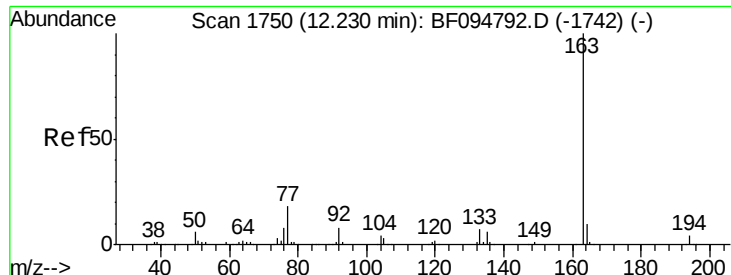
#44
 2-Fluorobiphenyl
 Concen: 75.22 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094871.D
 Acq: 4 May 2017 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.4	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: 10.25 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

Instrument :

BNA_F

ClientSampleId :

SB-06-7.0-8.0

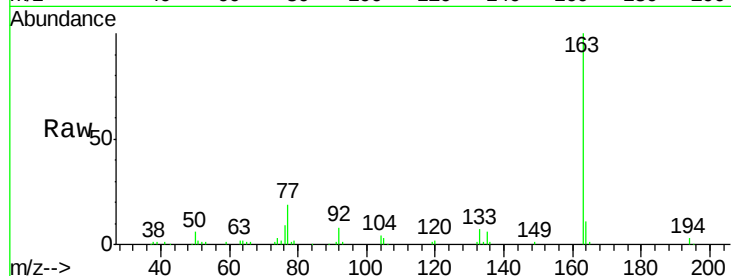
Tgt Ion:163 Resp: 128212

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

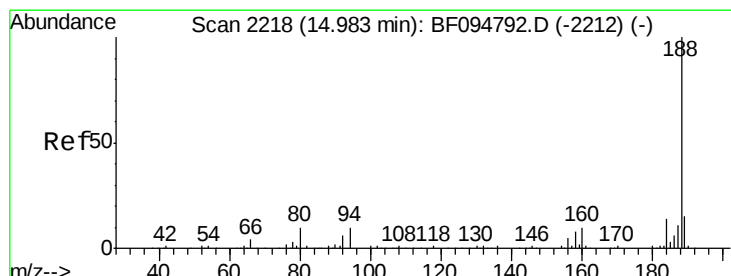
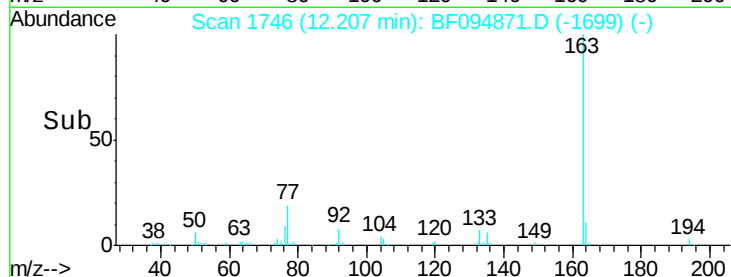
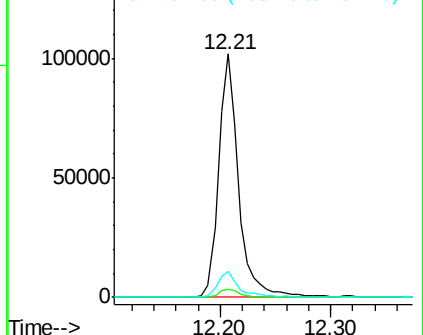
164 10.7 8.4 12.6



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: 14.97 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BF094871.D

Acq: 4 May 2017 12:54

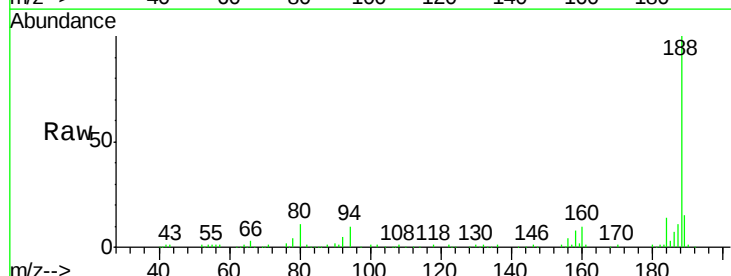
Tgt Ion:188 Resp: 234216

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

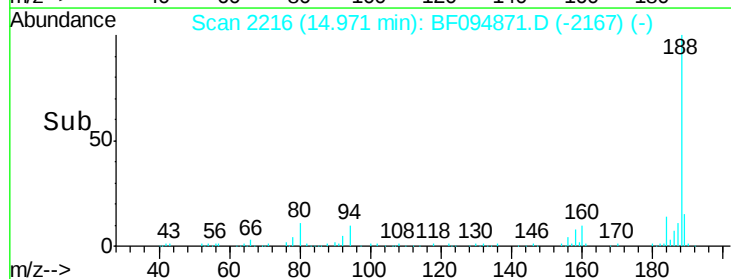
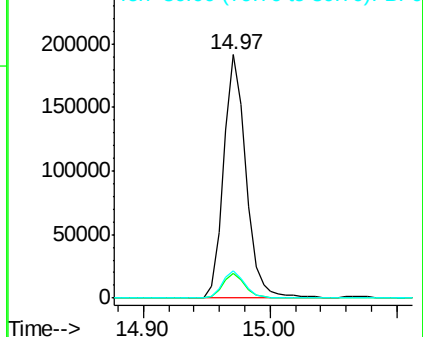
80 11.2 10.2 15.2

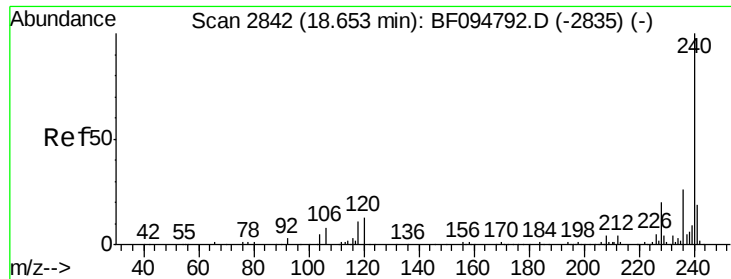


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

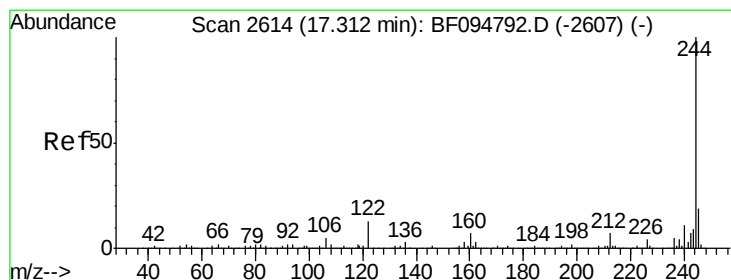
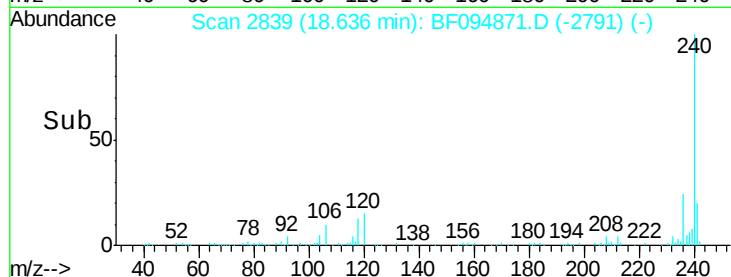
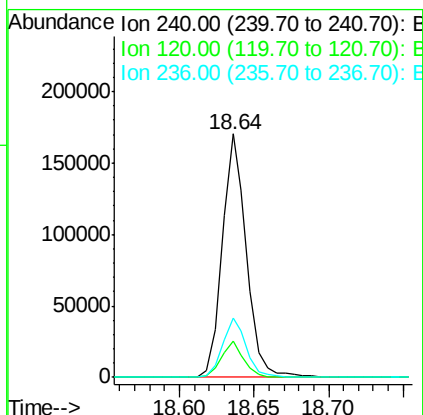
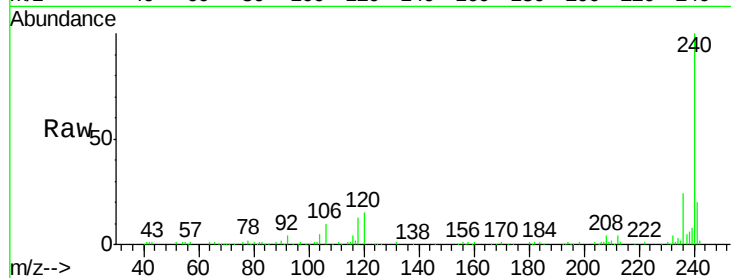




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094871.D
Acq: 4 May 2017 12:54

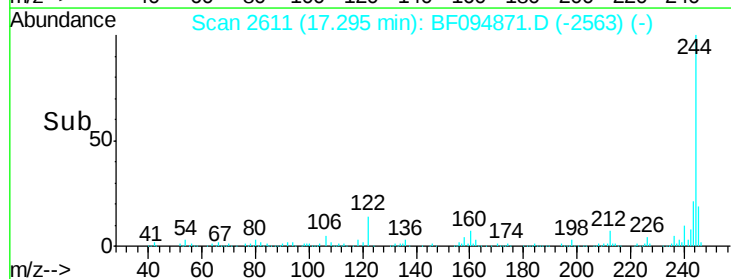
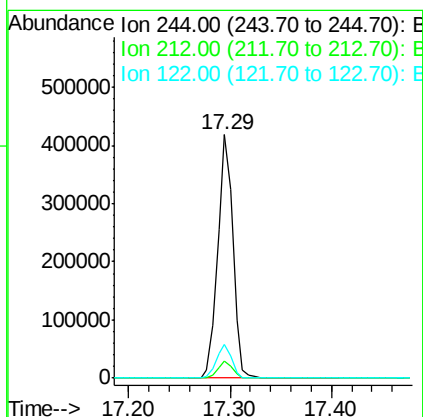
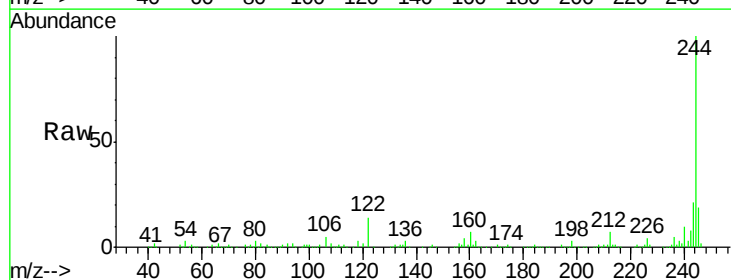
Instrument :
BNA_F
ClientSampleId :
SB-06-7.0-8.0

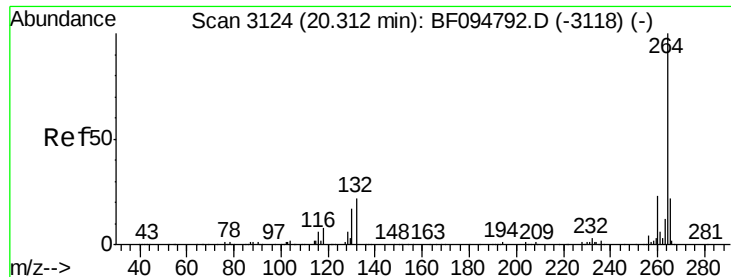
Tgt Ion:240 Resp: 193566
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 24.2 20.5 30.7



#78
Terphenyl-d14
Concen: 49.63 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094871.D
Acq: 4 May 2017 12:54

Tgt Ion:244 Resp: 436157
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.0 10.3 15.5

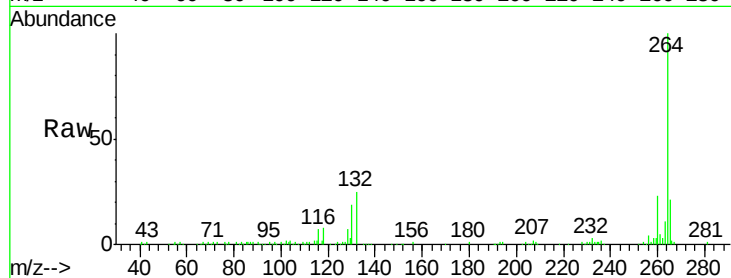




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094871.D
Acq: 4 May 2017 12:54

Instrument :
BNA_F
ClientSampleId :
SB-06-7.0-8.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	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

