

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
 Data File : BF094689.D
 Acq On : 28 Apr 2017 17:50
 Operator : SJ/MA
 Sample : I2895-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 23:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

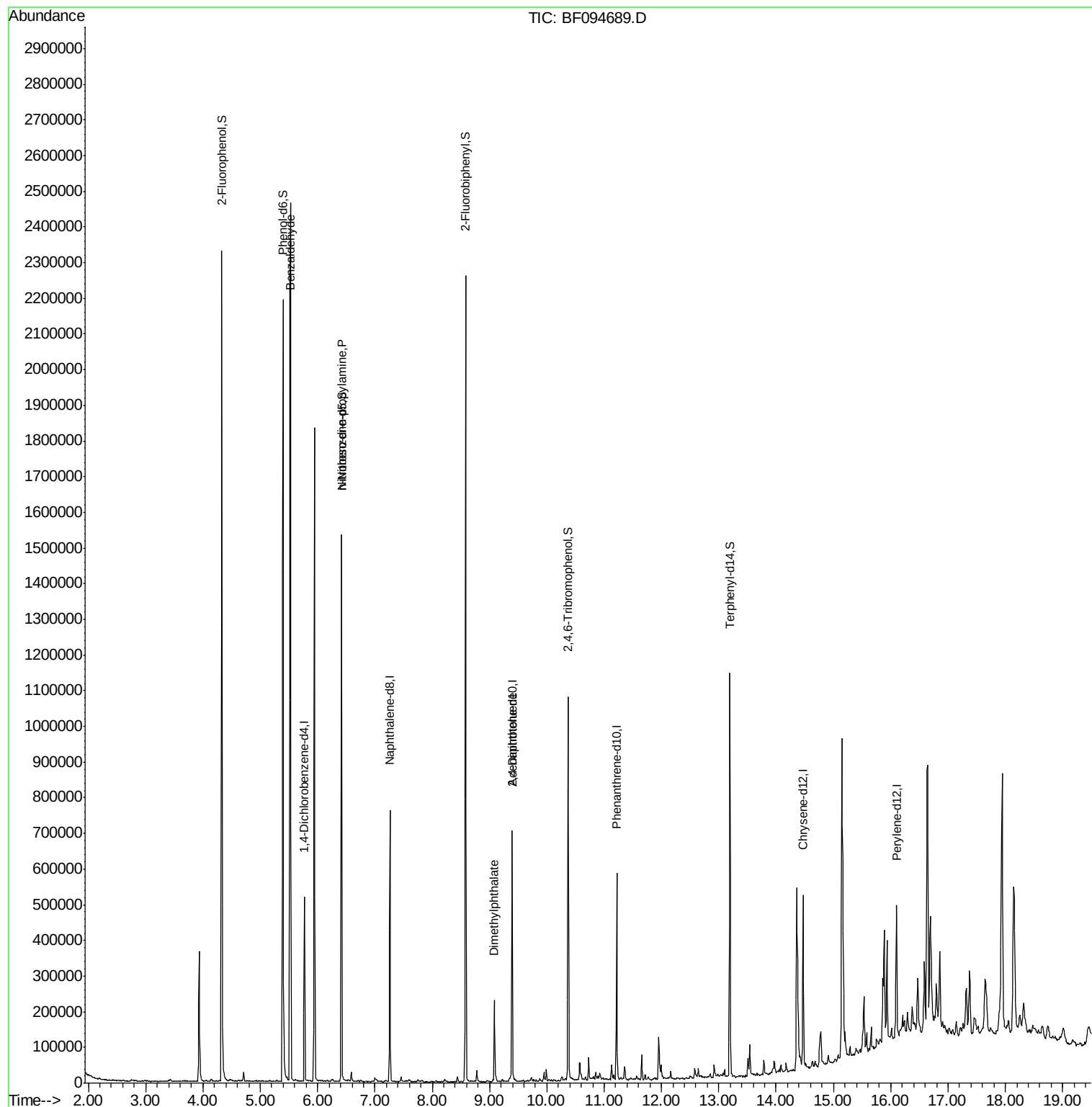
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	84794	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	340763	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	144941	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	220891	20.00	ng	0.00
75) Chrysene-d12	14.47	240	180191	20.00	ng	0.00
86) Perylene-d12	16.10	264	141104	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	712562	139.42	ng	0.02
7) Phenol-d6	5.40	99	859597	142.66	ng	0.00
23) Nitrobenzene-d5	6.42	82	505674	91.63	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	123575	109.00	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	745801	75.71	ng	0.00
78) Terphenyl-d14	13.19	244	384353	57.01	ng	0.00
Target Compounds						
9) Benzaldehyde	5.52	77	14209	3.10	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	6.42	70	66292	16.60	ng	# 76
49) Dimethylphthalate	9.08	163	95649	8.86	ng	100
56) 2,4-Dinitrotoluene	9.40	165	18153	6.10	ng	# 32

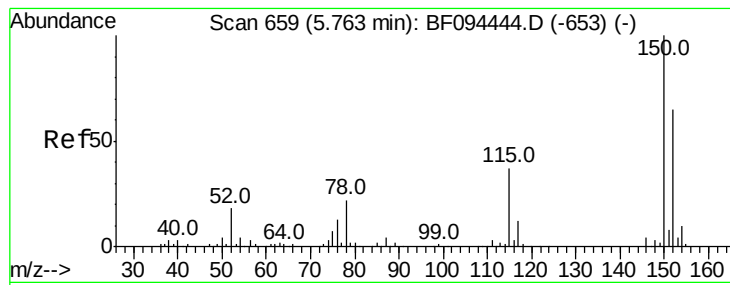
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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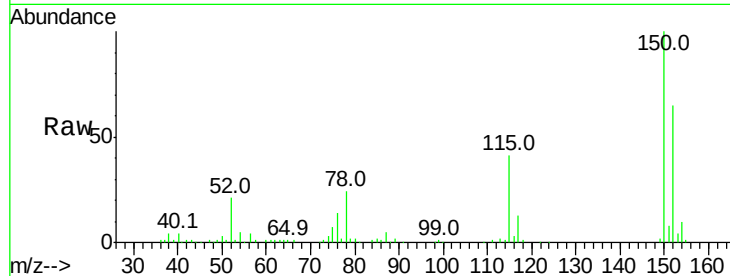


#1

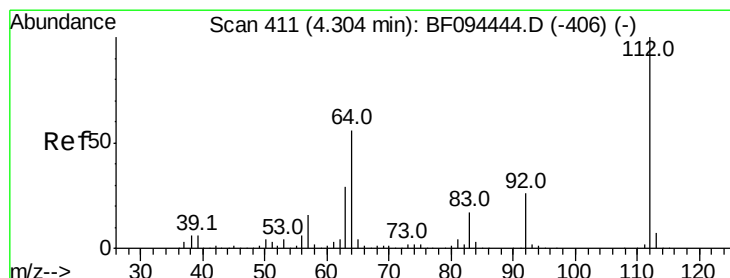
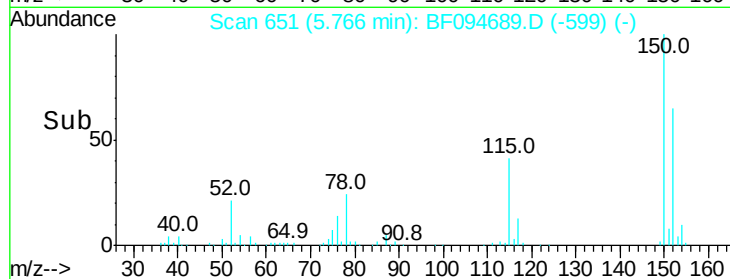
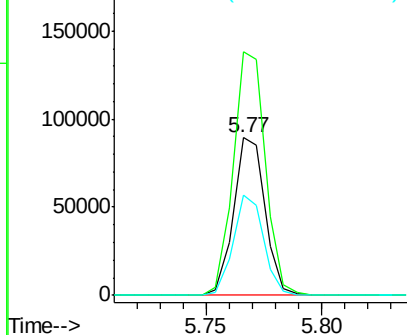
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094689.D
Acq: 28 Apr 2017 17:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84794
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 63.9 52.2 78.2



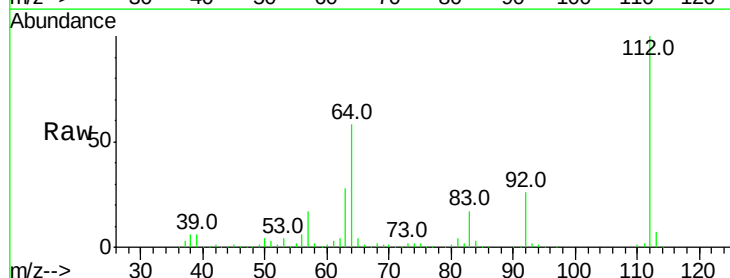
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



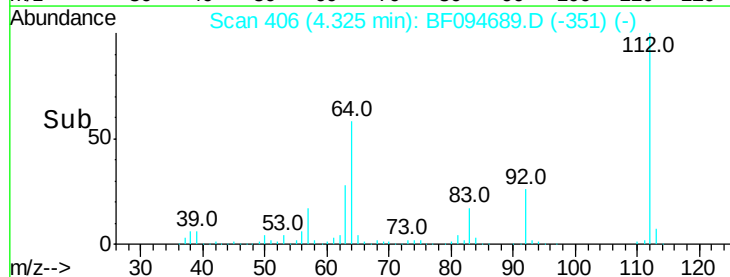
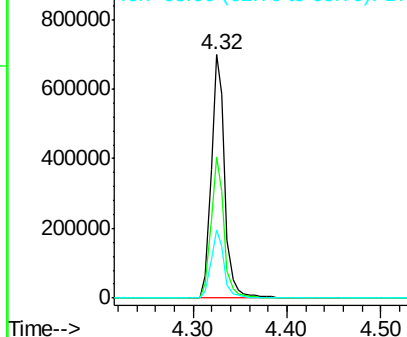
#5

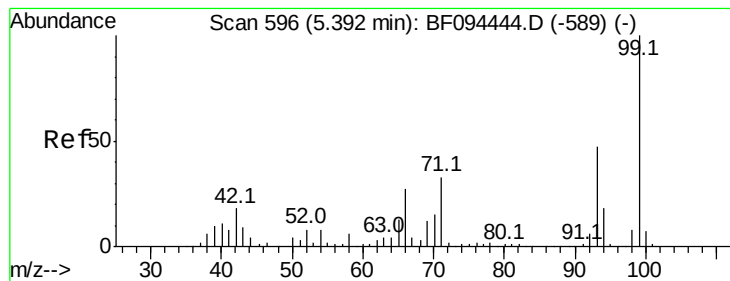
2-Fluorophenol
Concen: 139.42 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094689.D
Acq: 28 Apr 2017 17:50

Tgt Ion:112 Resp: 712562
Ion Ratio Lower Upper
112 100
64 57.9 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: 142.66 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

Instrument :

BNA_F

ClientSampled :

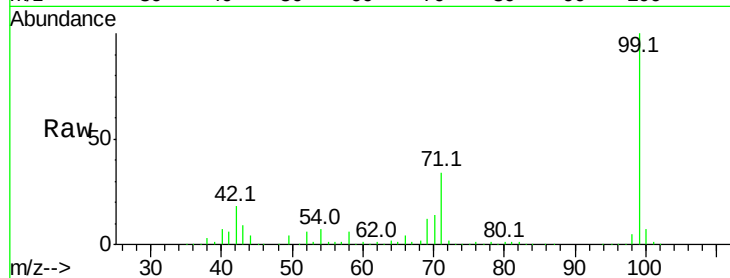
Tot Ion: 99 Resp: 859597

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.9	24.5	36.7

99 100

42 17.9 13.5 20.3

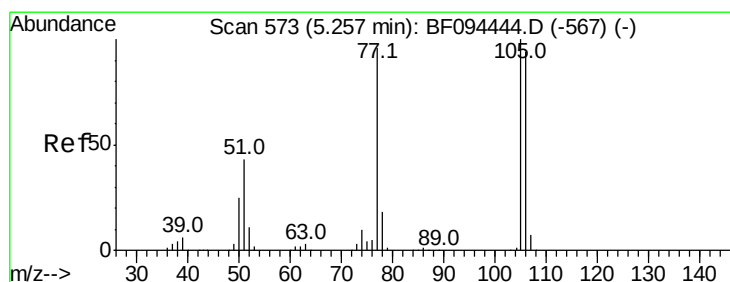
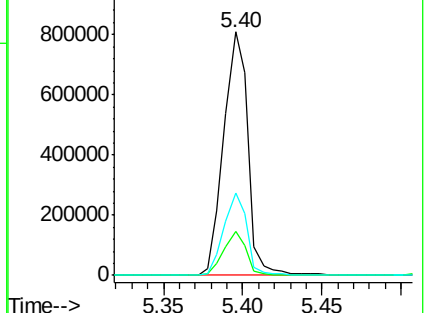
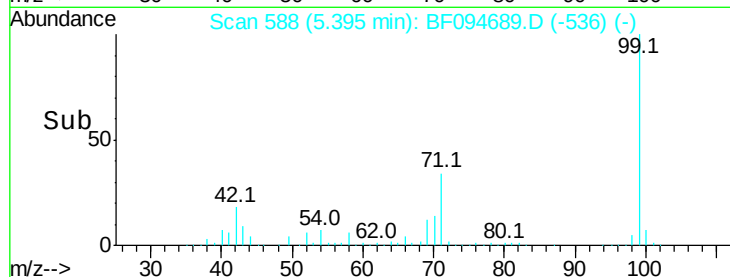
71 33.9 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.10 ng

RT: 5.52 min Scan# 610

Delta R.T. 0.27 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

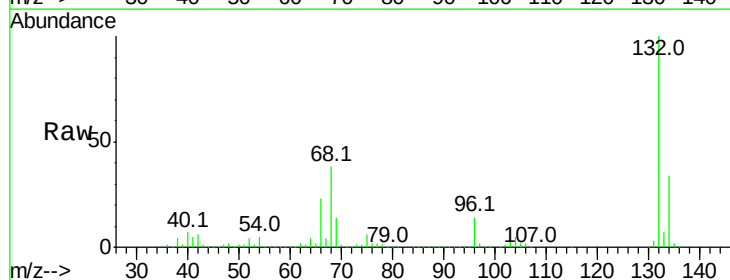
Tgt Ion: 77 Resp: 14209

Ion	Ratio	Lower	Upper
77	100		
105	90.0	83.8	123.8
106	85.3	79.1	119.1

77 100

105 90.0 83.8 123.8

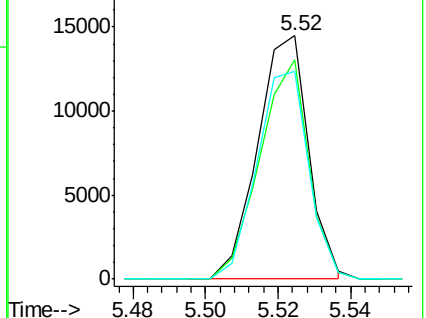
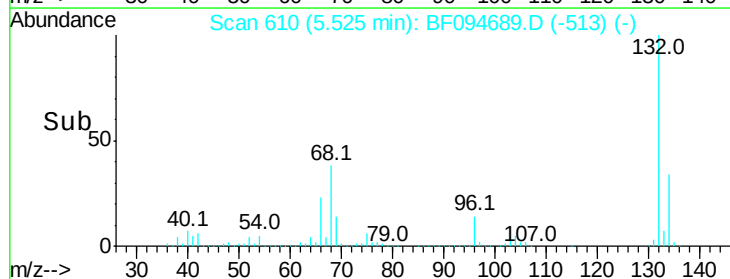
106 85.3 79.1 119.1

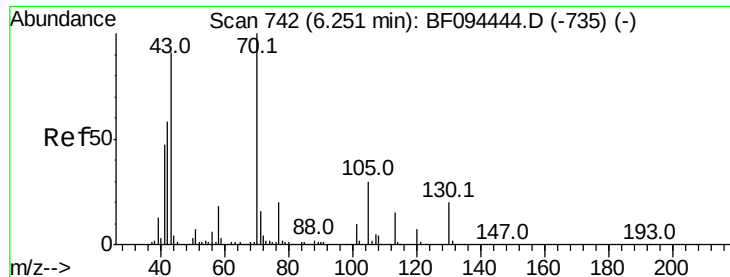


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.60 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.17 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 66292

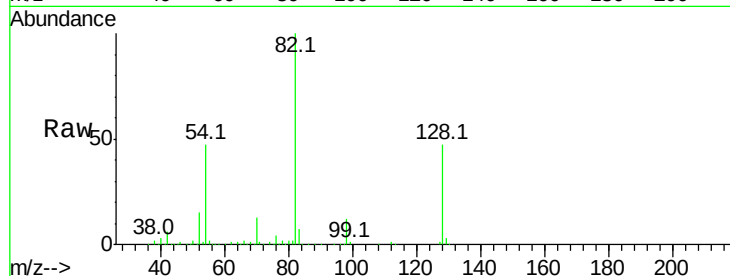
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

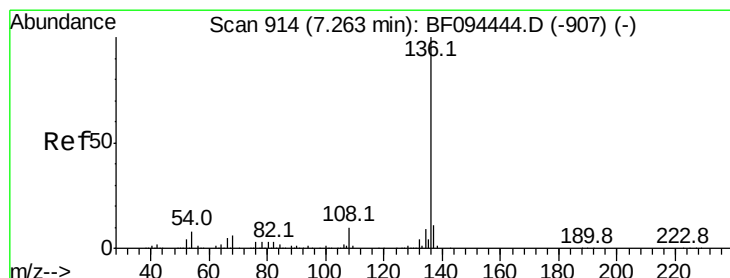
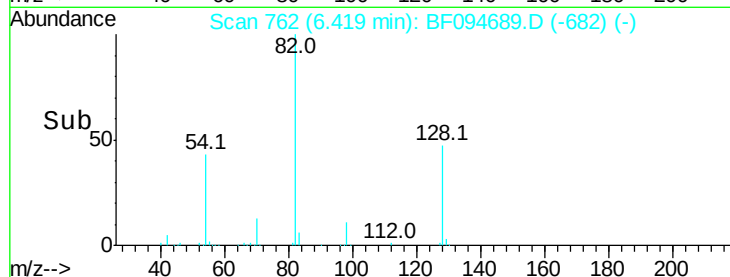
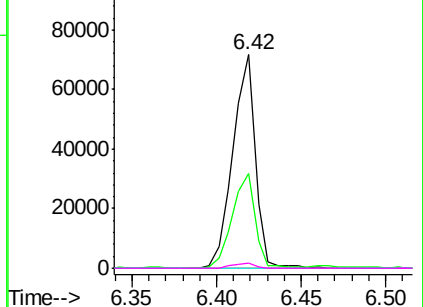


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

Tgt Ion: 136 Resp: 340763

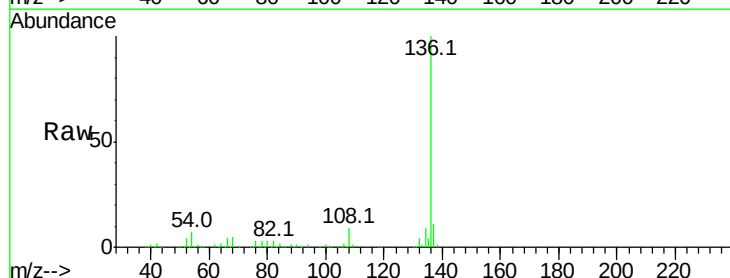
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

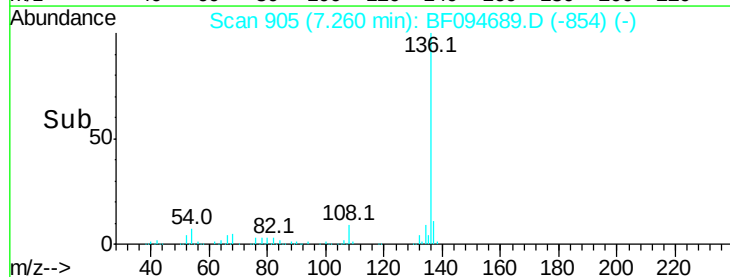
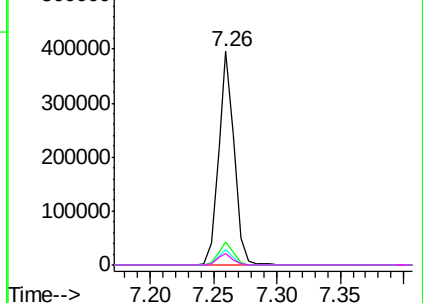


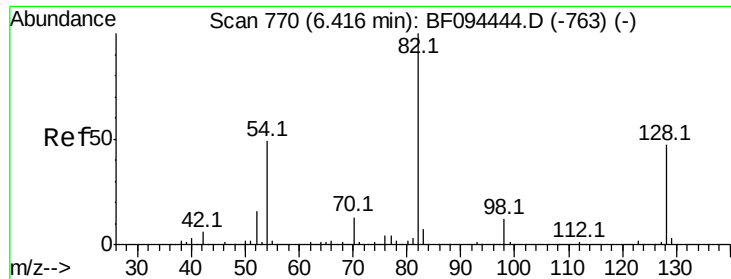
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

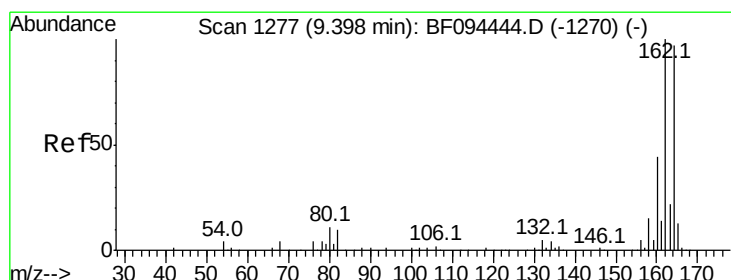
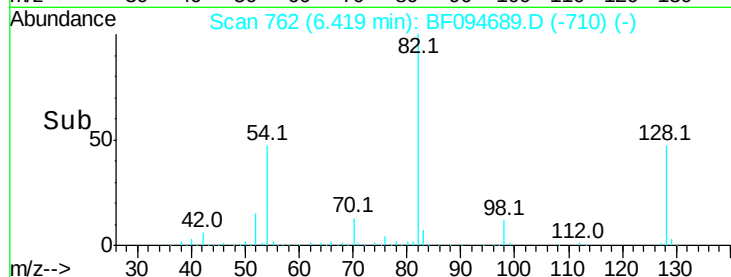
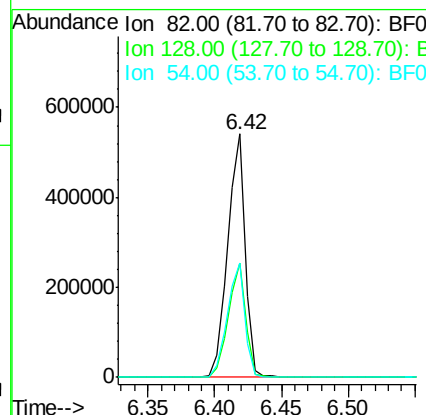
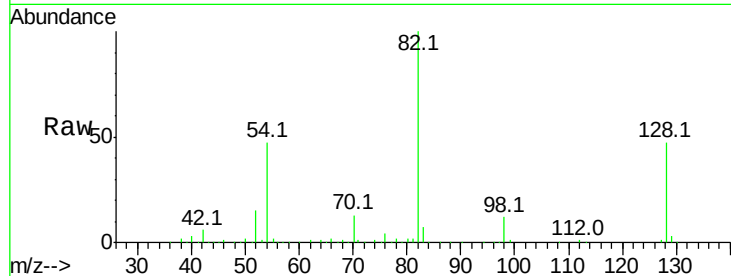




#23
 Nitrobenzene-d5
 Concen: 91.63 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

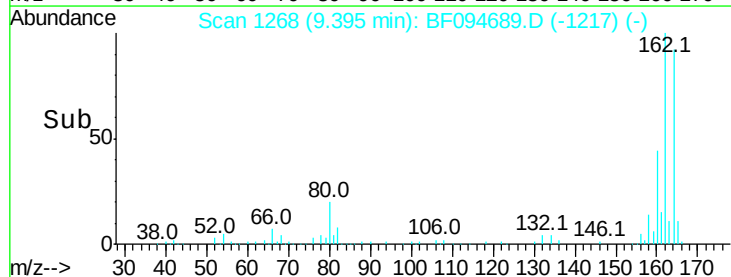
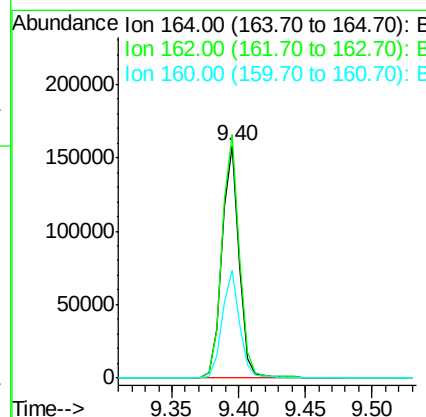
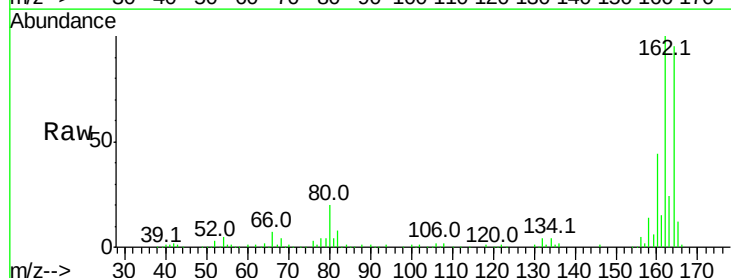
Instrument :
 BNA_F
 ClientSampleId :

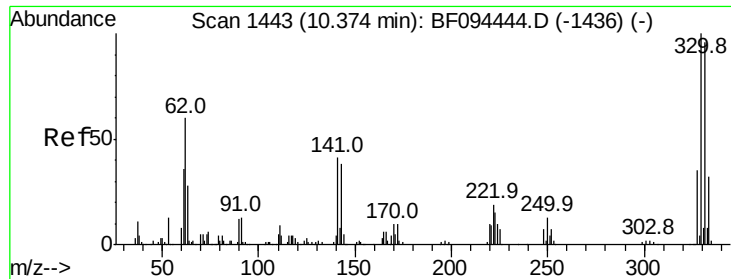
Tot Ion	82	Resp	505674
Ion Ratio	100		
Lower			
Upper			
82	100		
128	47.2	34.0	51.0
54	47.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

Tgt Ion	164	Resp	144941
Ion Ratio	100		
Lower			
Upper			
164	100		
162	104.7	82.6	123.8
160	46.5	36.2	54.2

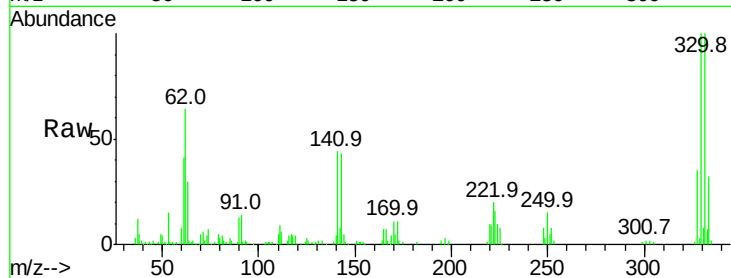




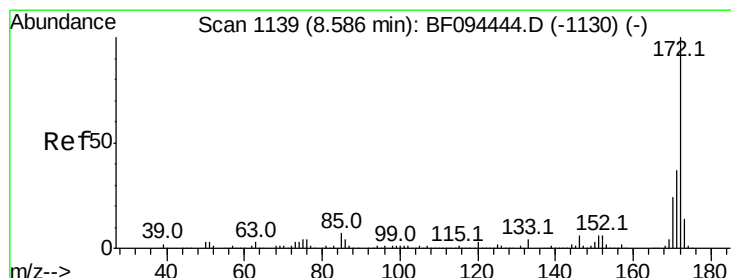
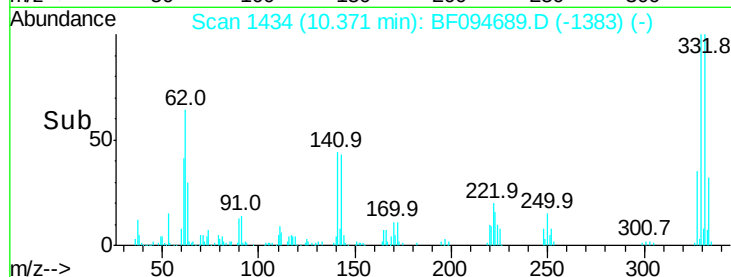
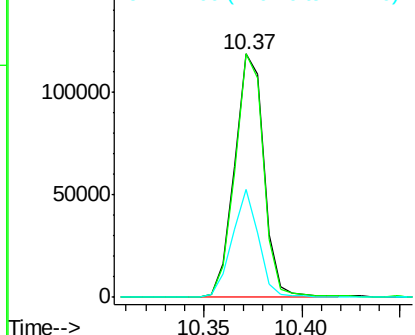
#41
 2,4,6-Tribromophenol
 Concen: 109.00 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	76.6	115.0
141	40.5	31.4	47.2

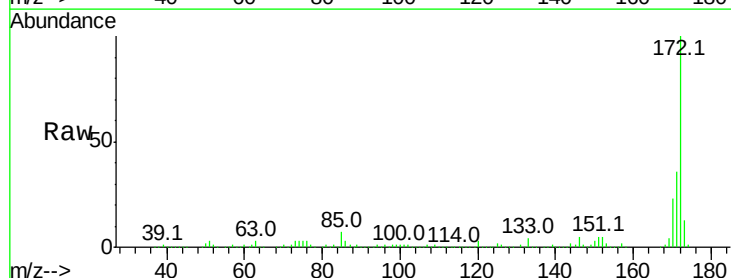


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

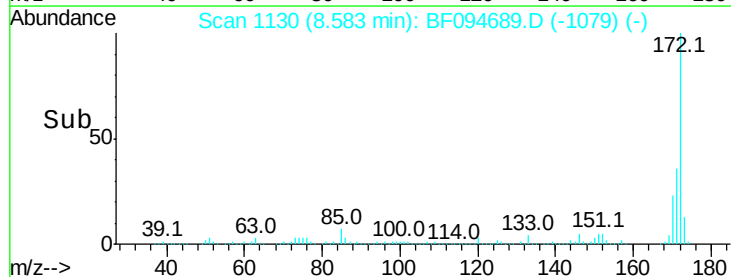
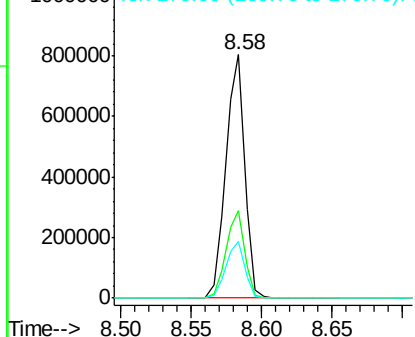


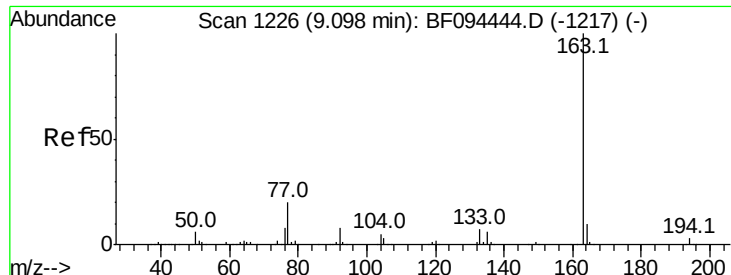
#44
 2-Fluorobiphenyl
 Concen: 75.71 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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

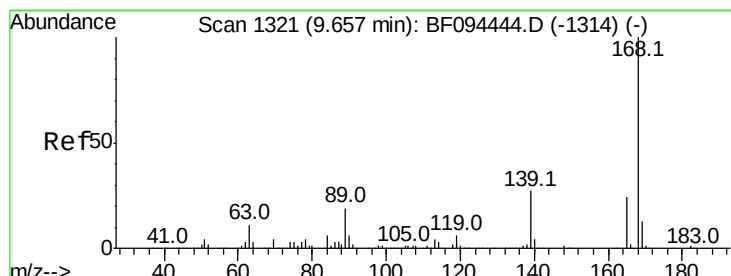
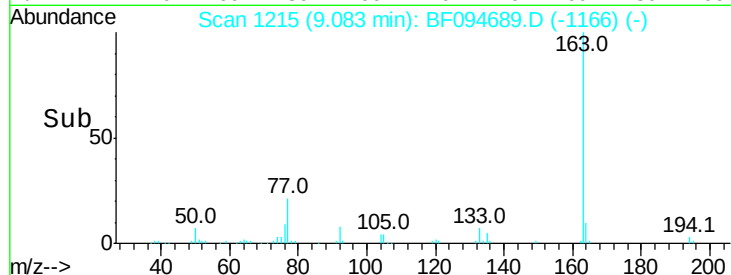
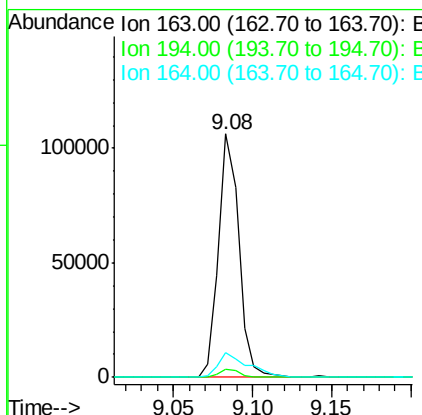
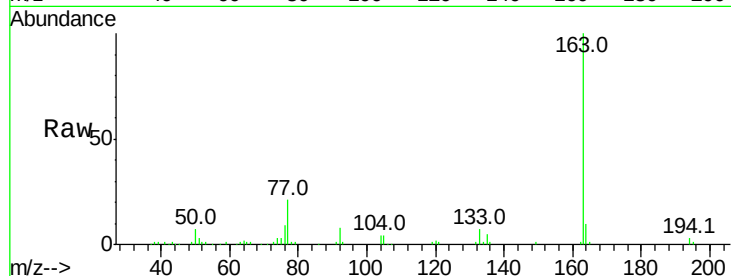




#49
Dimethylphthalate
Concen: 8.86 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094689.D
Acq: 28 Apr 2017 17:50

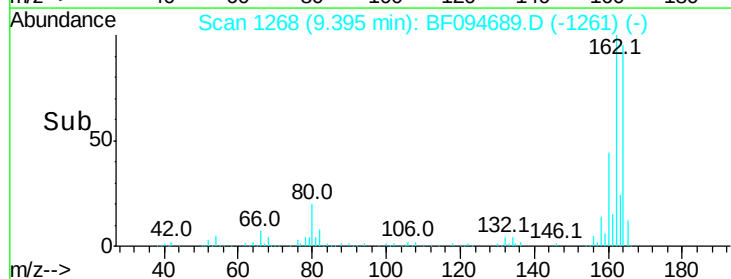
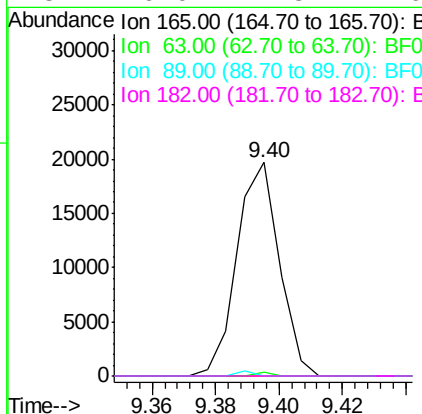
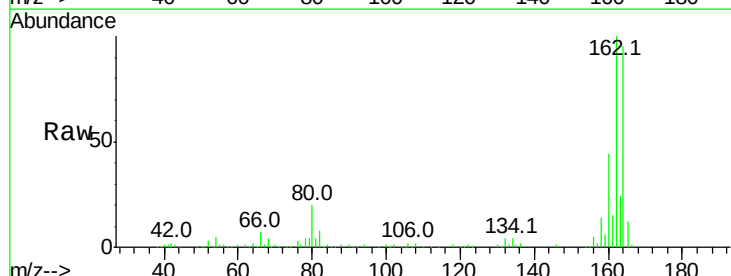
Instrument :
BNA_F
ClientSampleId :

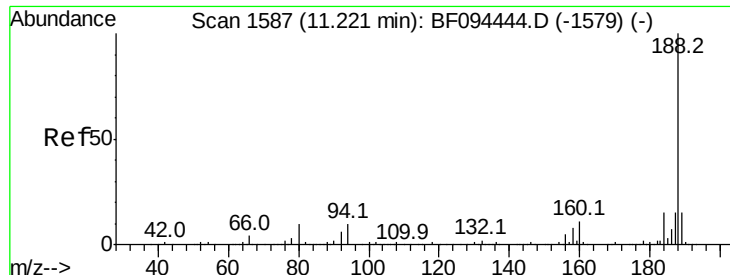
Tot Ion:163 Resp: 95649
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094689.D
Acq: 28 Apr 2017 17:50

Tgt Ion:165 Resp: 18153
Ion Ratio Lower Upper
165 100
63 1.7 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

Instrument :

BNA_F

ClientSampleId :

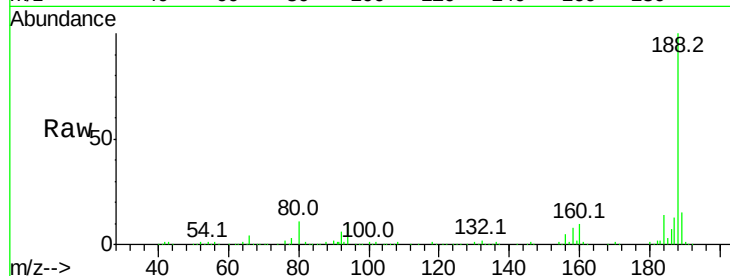
Tot Ion:188 Resp: 220891

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

80 11.1 10.2 15.2

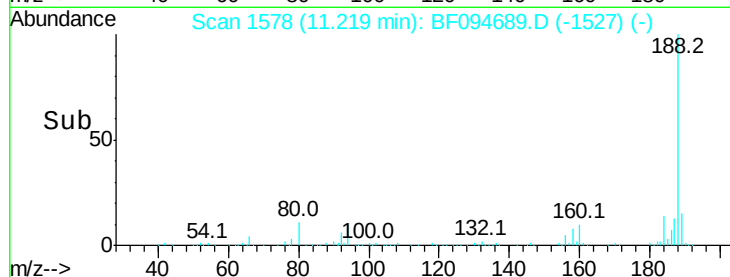


Abundance Ion 188.00 (187.70 to 188.70): E

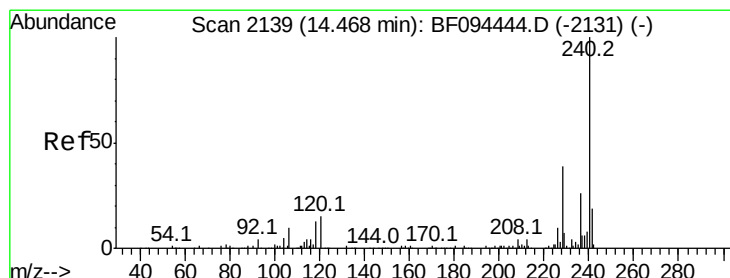
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.15 11.20 11.25 11.30



Time--> 11.15 11.20 11.25 11.30



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.47 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BF094689.D

Acq: 28 Apr 2017 17:50

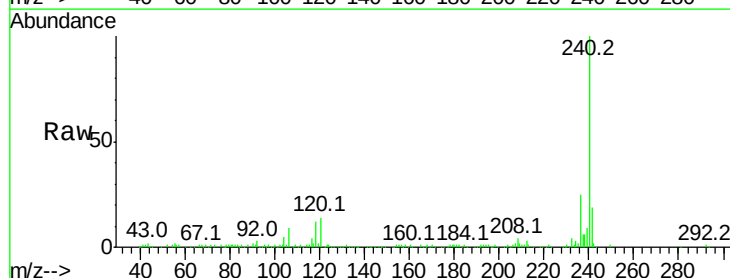
Tgt Ion:240 Resp: 180191

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

236 25.3 20.5 30.7

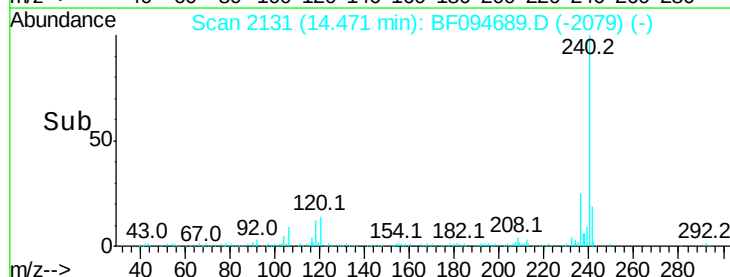


Abundance Ion 240.00 (239.70 to 240.70): E

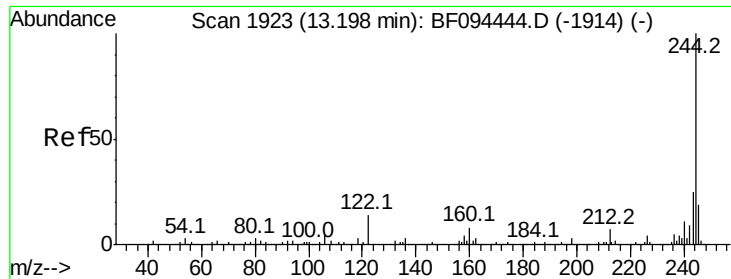
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 14.40 14.45 14.50 14.55



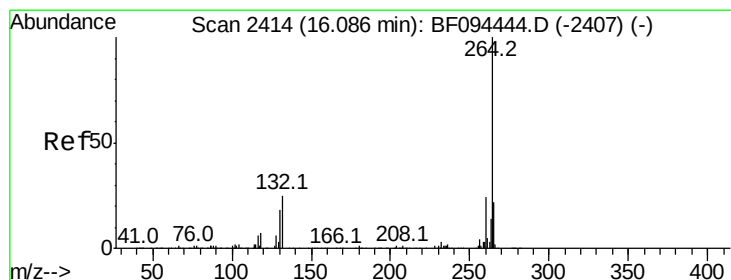
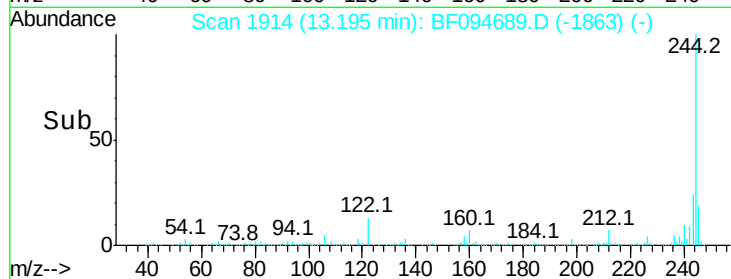
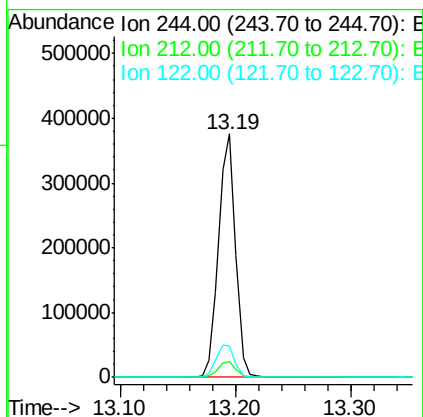
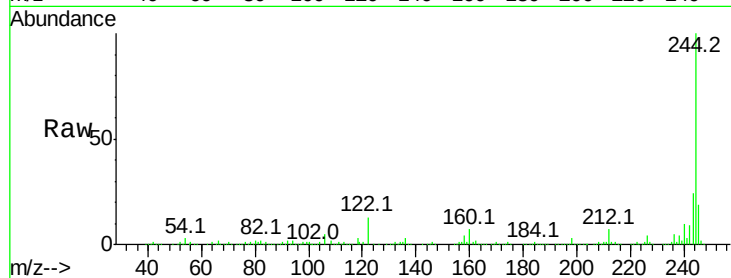
Time--> 14.40 14.45 14.50 14.55



#78
 Terphenyl-d14
 Concen: 57.01 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 384353
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 13.0 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.10 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BF094689.D
 Acq: 28 Apr 2017 17:50

Tgt Ion:264 Resp: 141104
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.6 17.2 25.8

