

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094523.D
 Acq On : 19 Apr 2017 18:41
 Operator : SJ/MA
 Sample : I2751-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:06:35 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

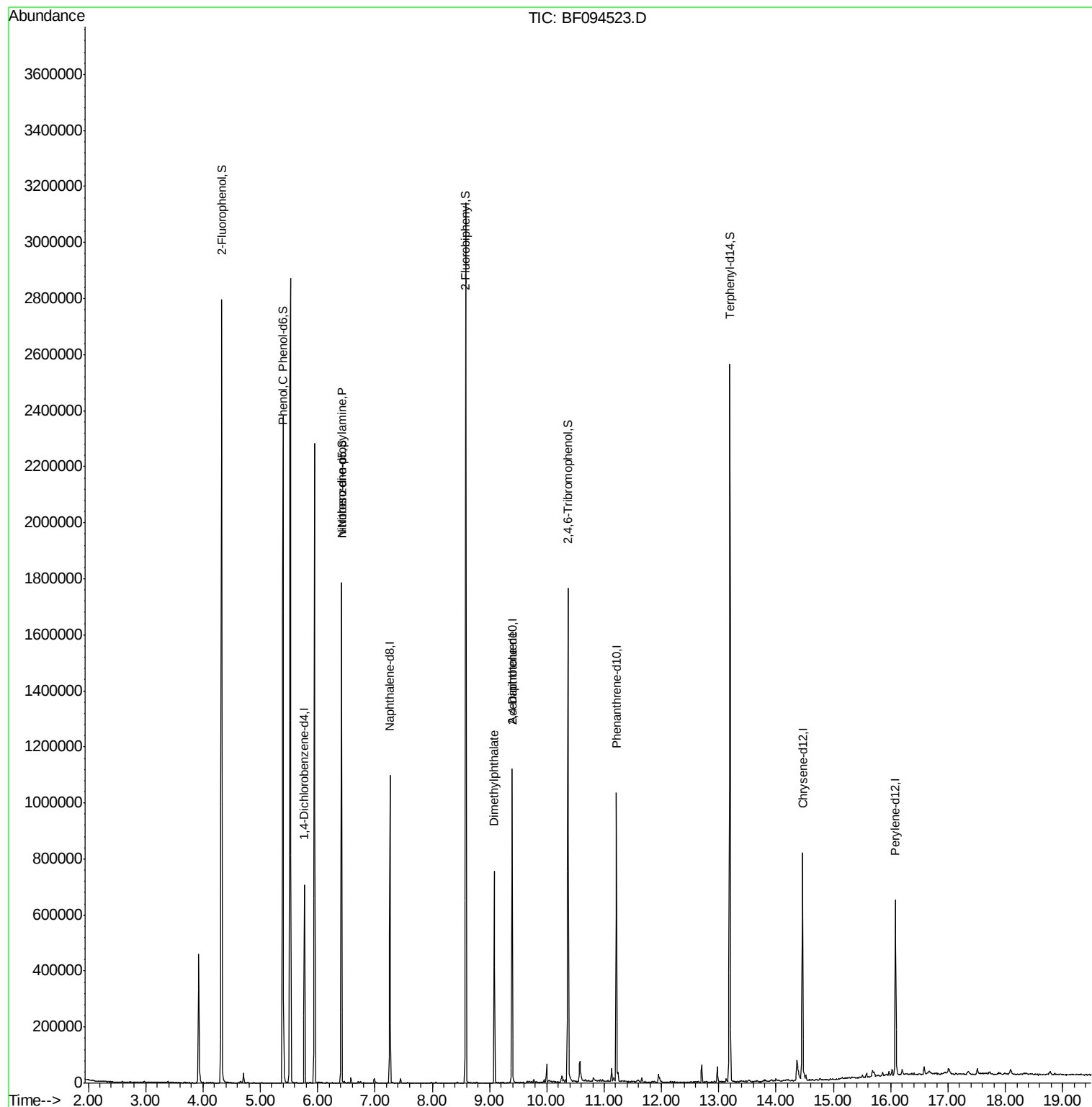
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	119296	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	518720	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	229467	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	404563	20.00	ng	0.00
75) Chrysene-d12	14.46	240	303671	20.00	ng	0.00
86) Perylene-d12	16.08	264	240917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	809609	112.59	ng	0.02
7) Phenol-d6	5.40	99	1012083	119.39	ng	0.00
23) Nitrobenzene-d5	6.42	82	617611	73.52	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	217703	121.29	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1107734	71.03	ng	0.00
78) Terphenyl-d14	13.19	244	912905	80.35	ng	0.00
Target Compounds						
10) Phenol	5.41	94	21414	2.06	ng	94
19) n-Nitroso-di-n-propylamine	6.42	70	82055	14.61	ng	# 77
49) Dimethylphthalate	9.08	163	303624	17.76	ng	100
56) 2,4-Dinitrotoluene	9.40	165	29441	6.25	ng	# 33

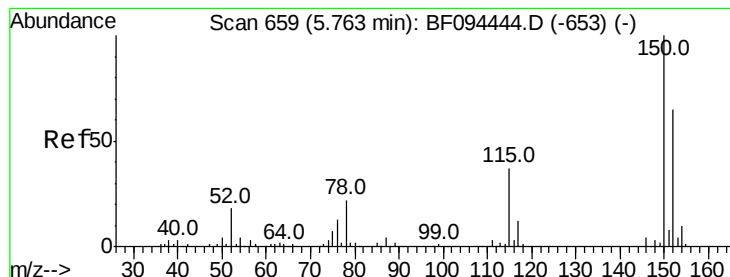
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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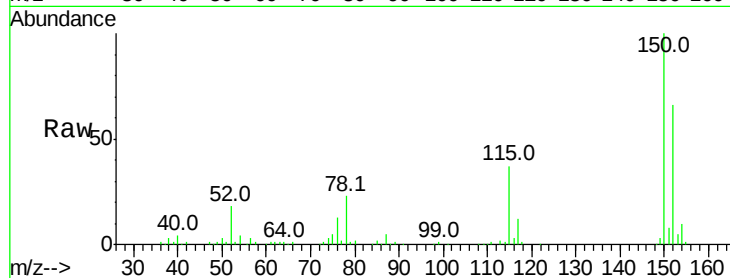


#1

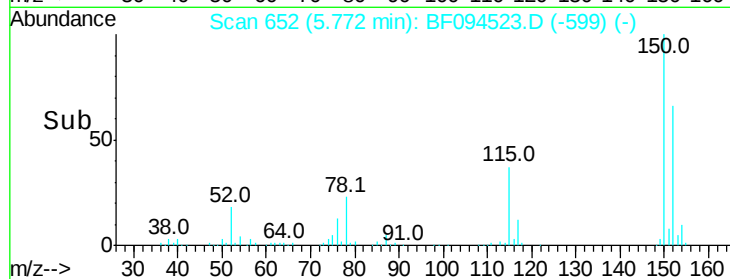
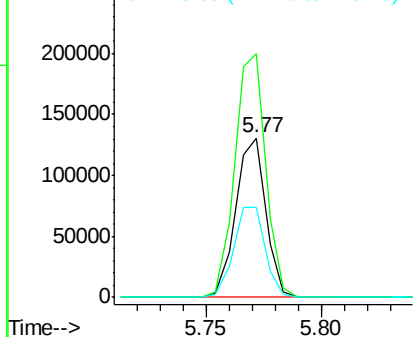
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 119296
Ion Ratio Lower Upper
152 100
150 152.4 126.2 189.2
115 56.4 52.2 78.2



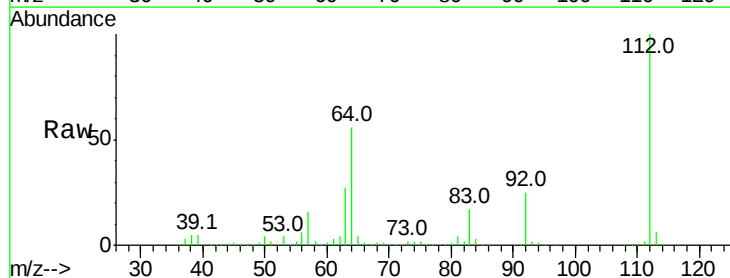
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



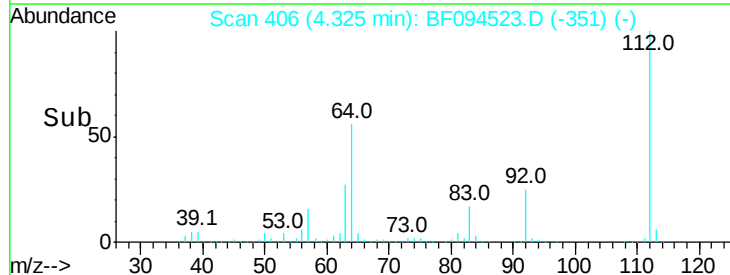
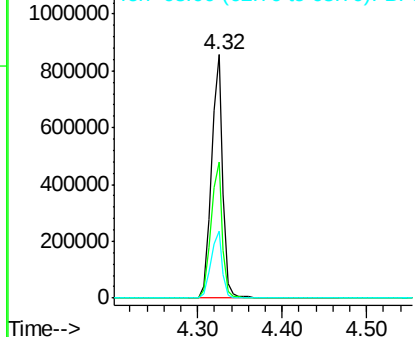
#5

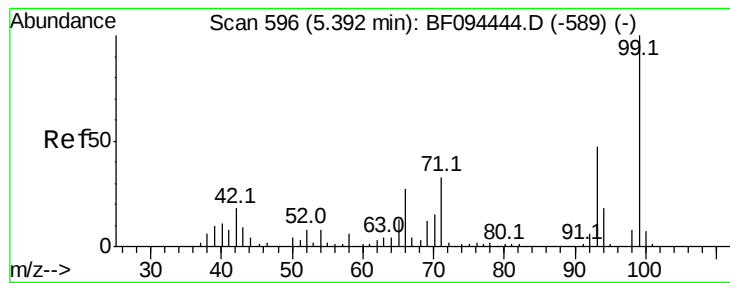
2-Fluorophenol
Concen: 112.59 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

Tgt Ion:112 Resp: 809609
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.4 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: 119.39 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094523.D

Acq: 19 Apr 2017 18:41

Instrument :

BNA_F

ClientSampled :

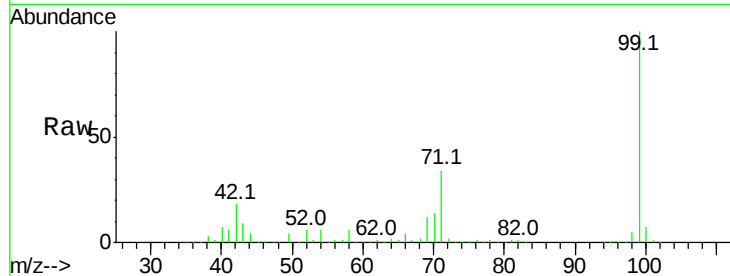
Tot Ion: 99 Resp: 1012083

Ion Ratio Lower Upper

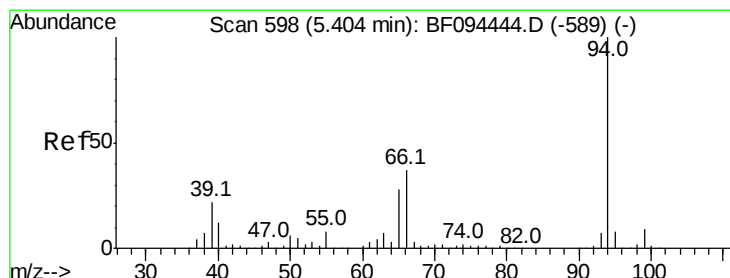
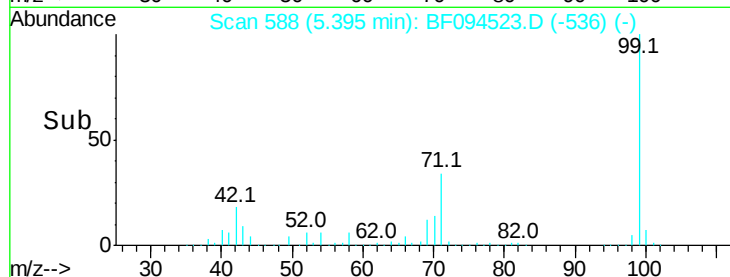
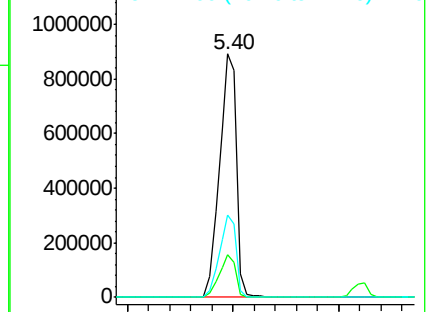
99 100

42 17.5 13.5 20.3

71 33.6 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: 2.06 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094523.D

Acq: 19 Apr 2017 18:41

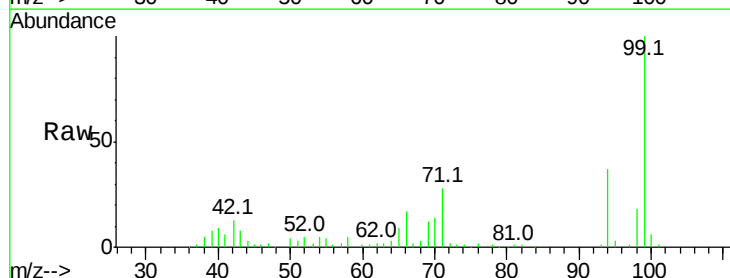
Tgt Ion: 94 Resp: 21414

Ion Ratio Lower Upper

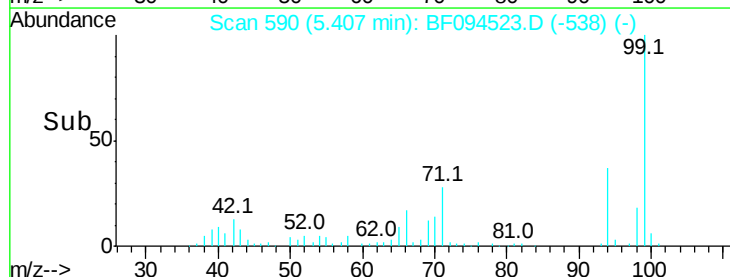
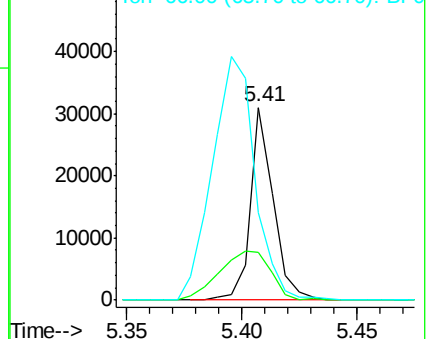
94 100

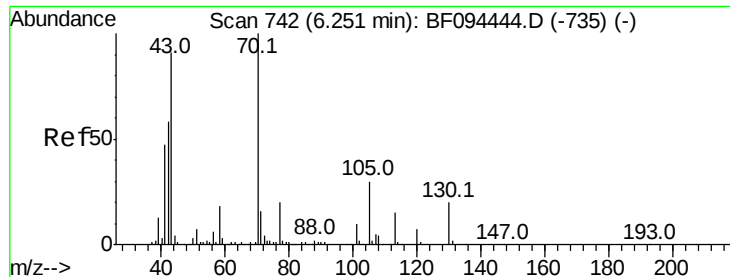
65 24.5 9.9 49.9

66 45.1 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

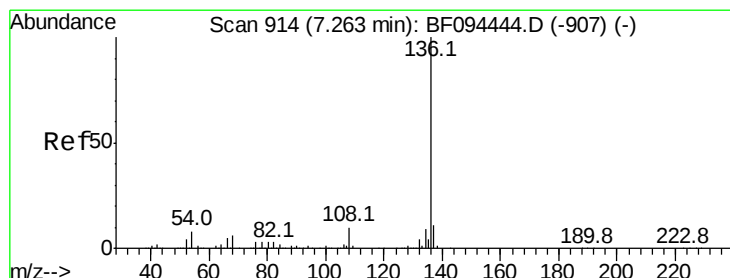
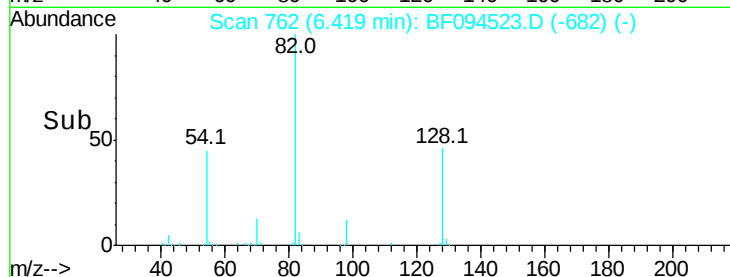
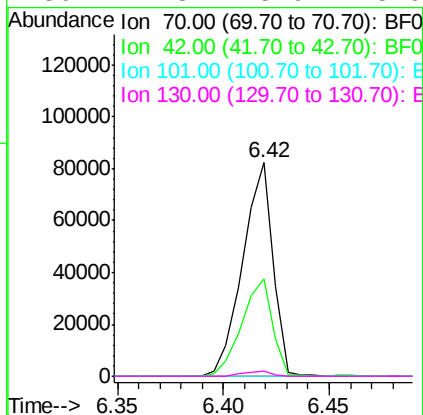
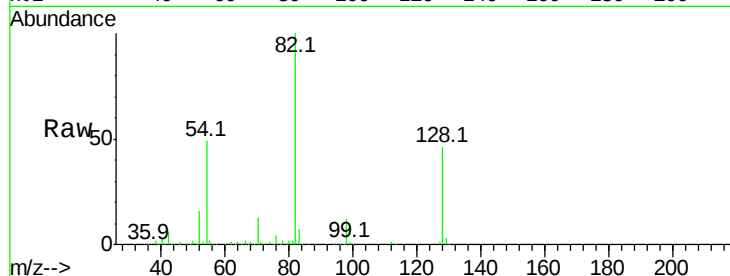




#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 6.42 min Scan# 762
Delta R.T. 0.17 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

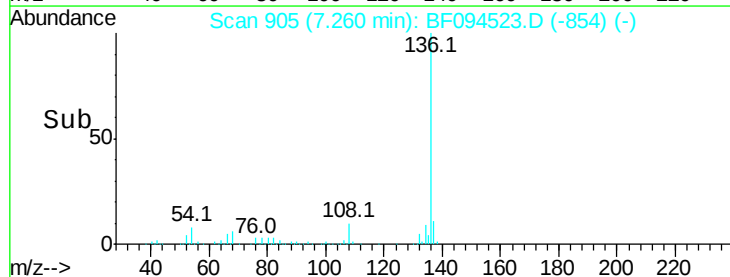
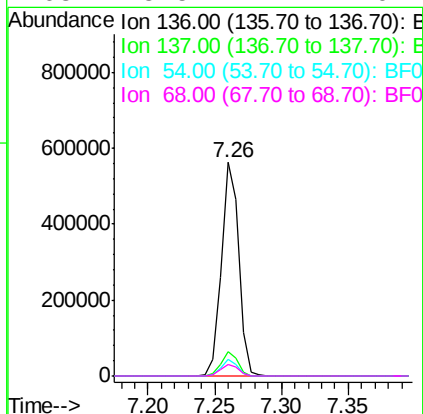
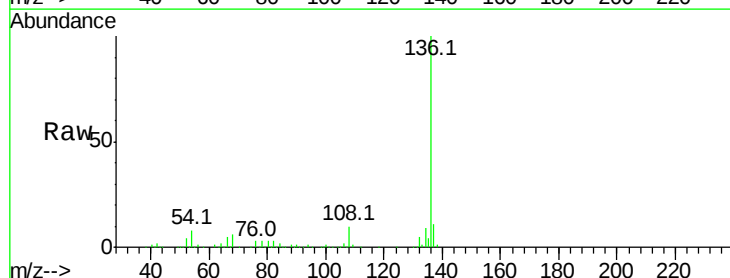
Instrument :
BNA_F
ClientSampleId :

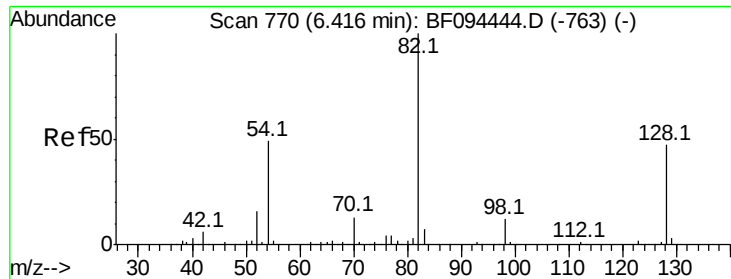
Tot Ion: 70 Resp: 82055
Ion Ratio Lower Upper
70 100
42 45.7 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

Tgt Ion: 136 Resp: 518720
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 7.6 4.9 7.3#
68 5.5 4.1 6.1

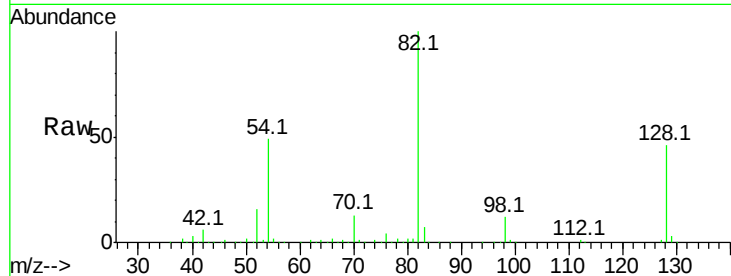




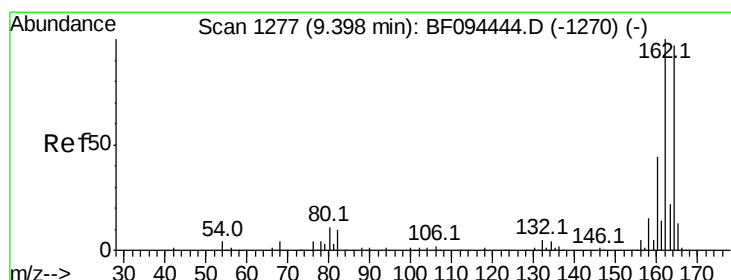
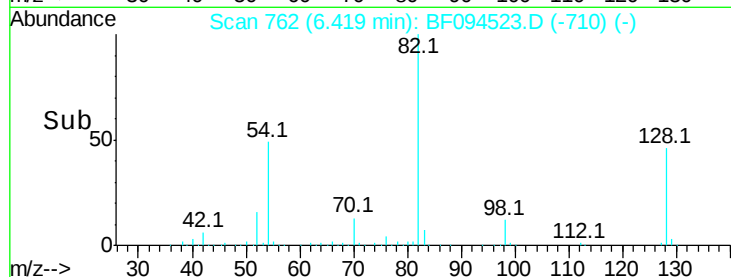
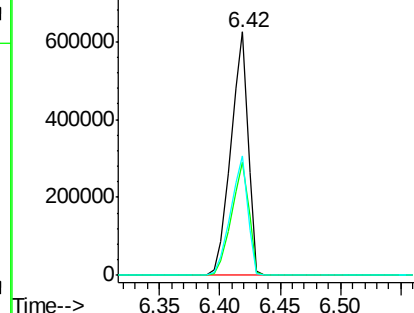
#23
 Nitrobenzene-d5
 Concen: 73.52 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 617611
 Ion Ratio Lower Upper
 82 100
 128 46.4 34.0 51.0
 54 49.0 42.2 63.2

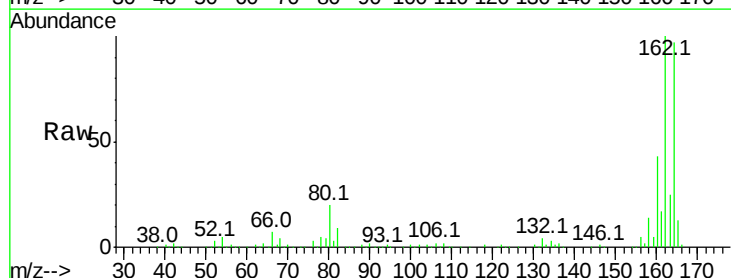


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

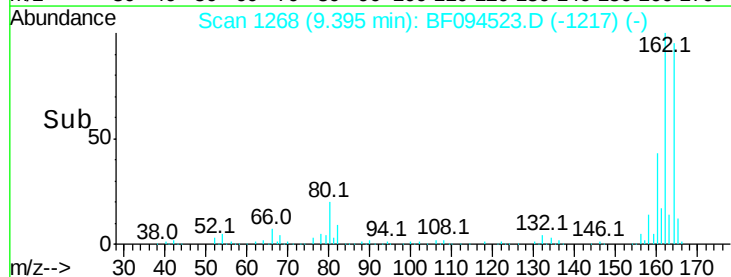
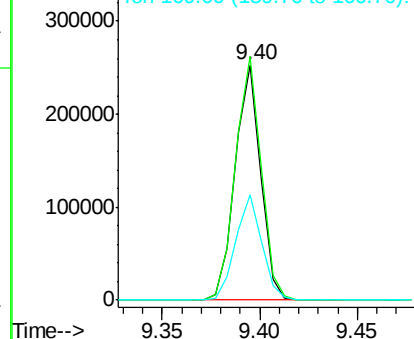


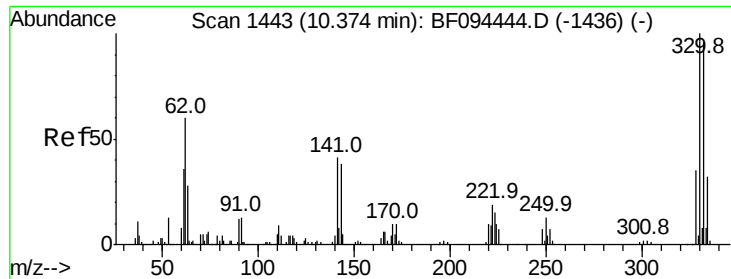
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Tgt Ion:164 Resp: 229467
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 44.6 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

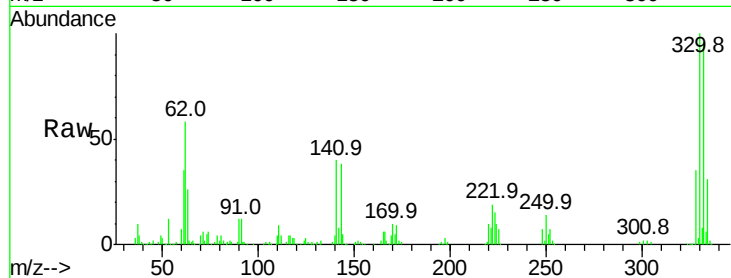




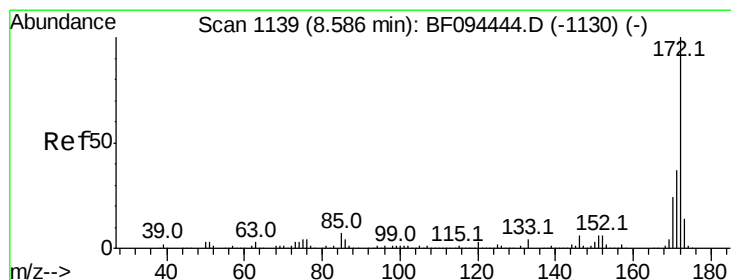
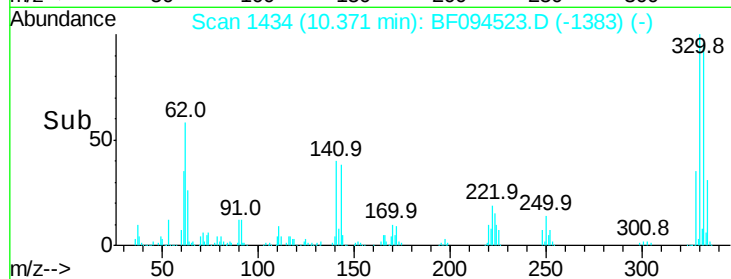
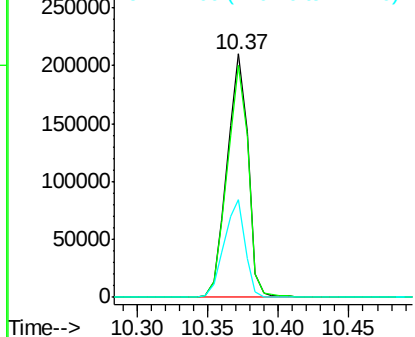
#41
 2,4,6-Tribromophenol
 Concen: 121.29 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	40.3	31.4	47.2

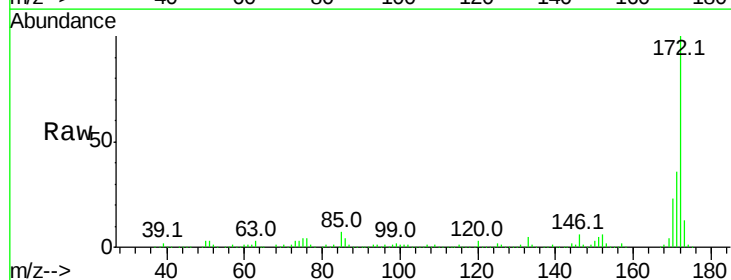


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

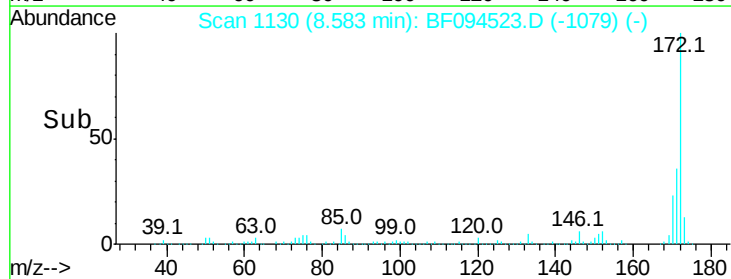
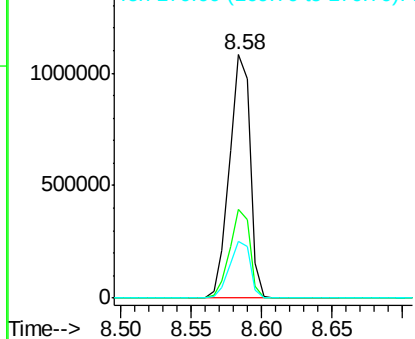


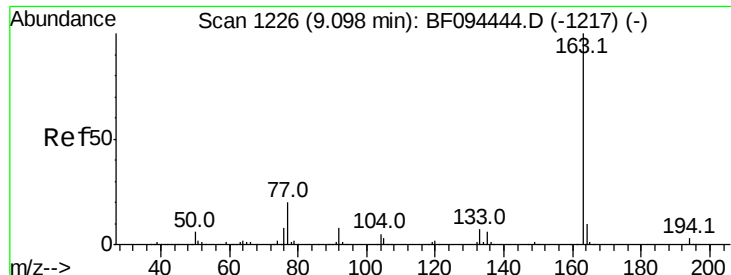
#44
 2-Fluorobiphenyl
 Concen: 71.03 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	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

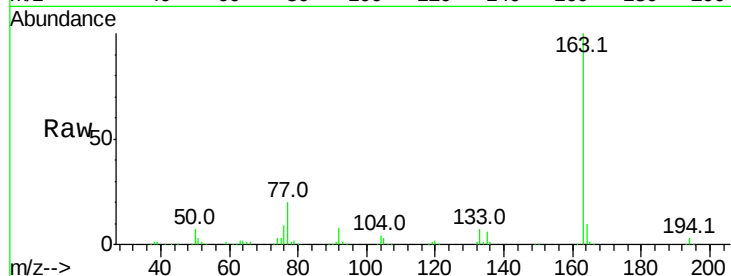




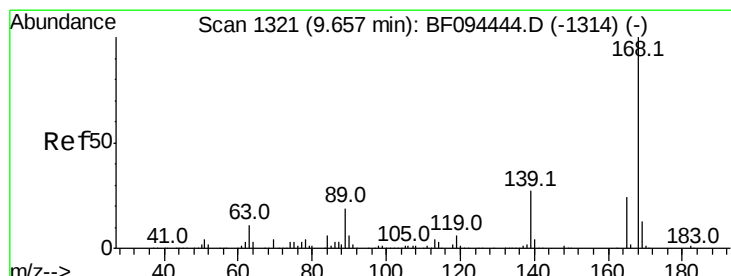
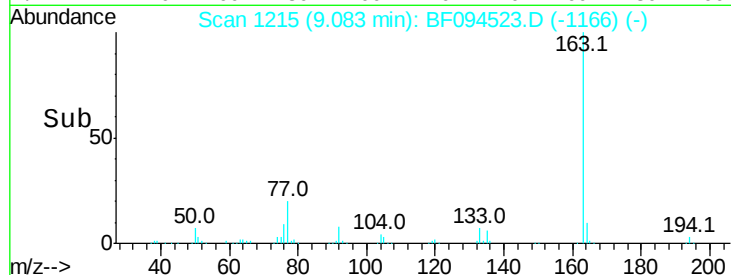
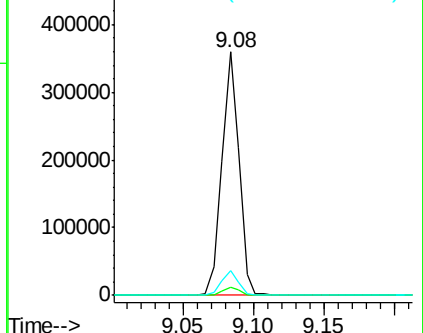
#49
Dimethylphthalate
Concen: 17.76 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

Instrument :
BNA_F
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6



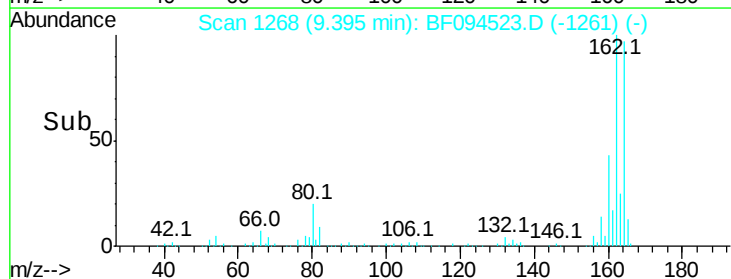
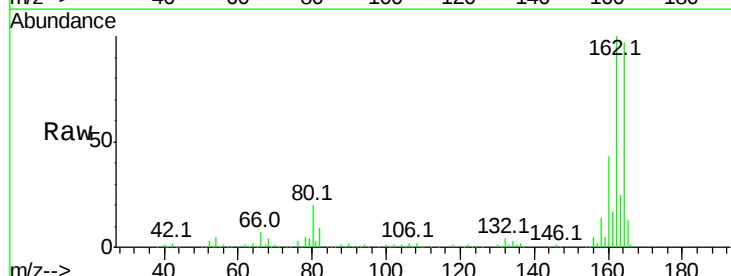
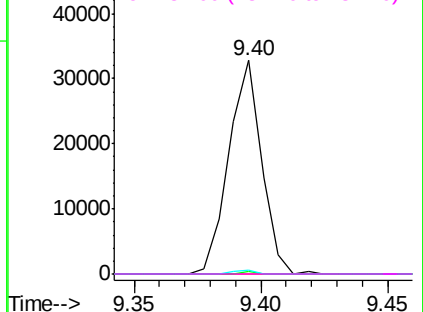
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

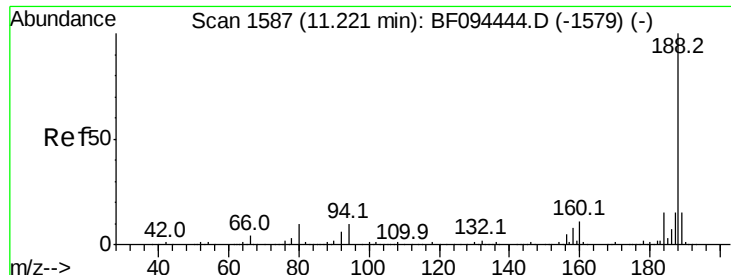


#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094523.D
Acq: 19 Apr 2017 18:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

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: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094523.D

Acq: 19 Apr 2017 18:41

Instrument :

BNA_F

ClientSampleId :

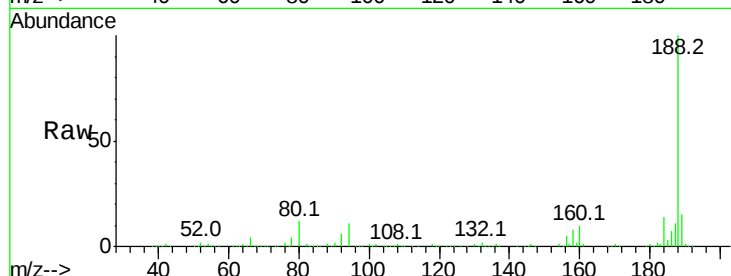
Tot Ion:188 Resp: 404563

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

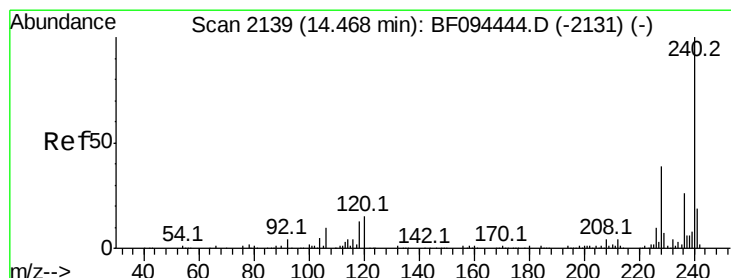
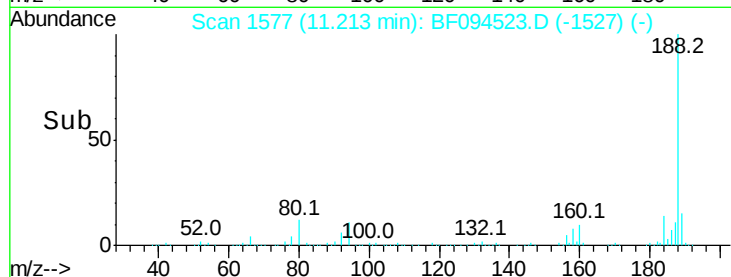
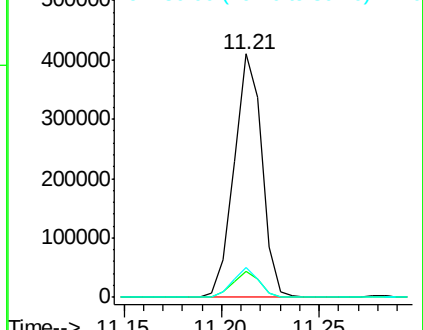
80 12.0 10.2 15.2



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: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094523.D

Acq: 19 Apr 2017 18:41

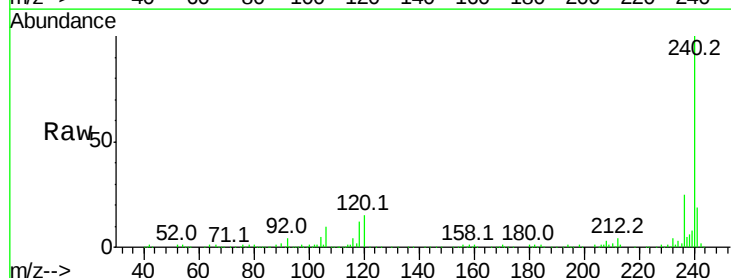
Tgt Ion:240 Resp: 303671

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

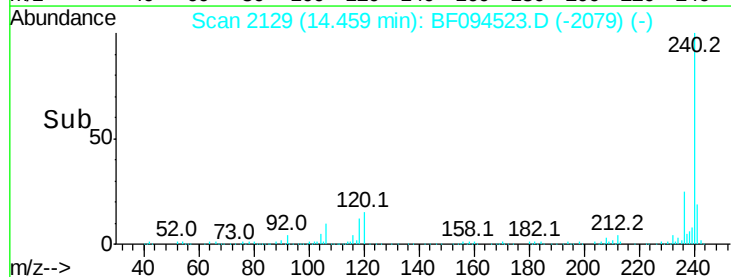
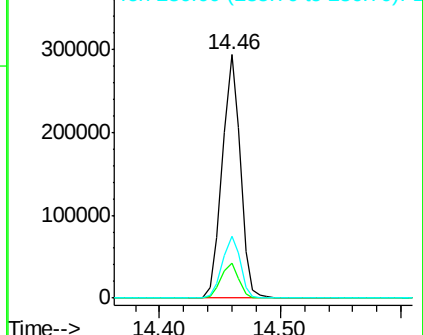
236 25.4 20.5 30.7

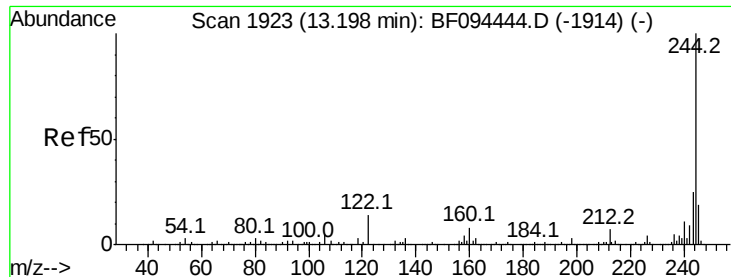


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

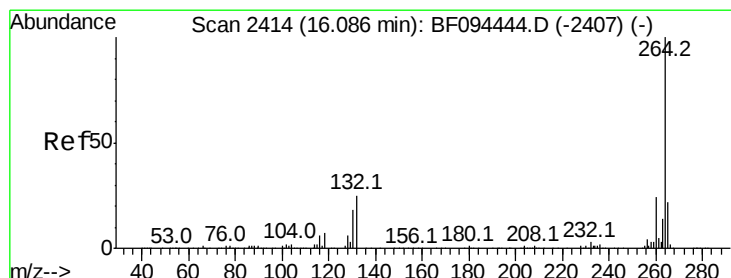
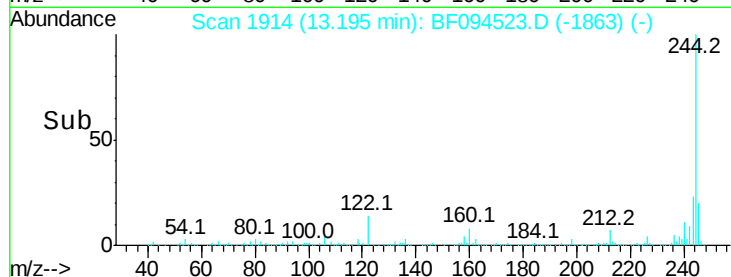
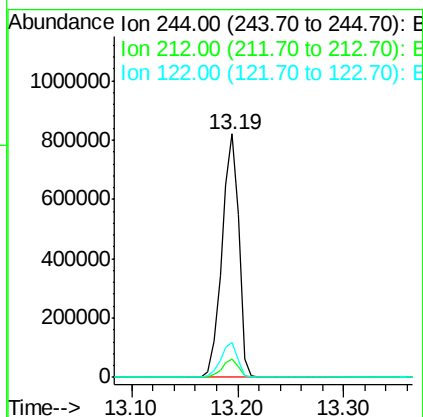
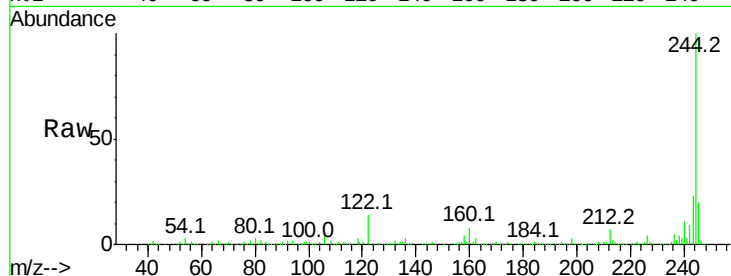




#78
 Terphenyl-d14
 Concen: 80.35 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 912905
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094523.D
 Acq: 19 Apr 2017 18:41

Tgt Ion:264 Resp: 240917
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.8 17.2 25.8

