

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094485.D
 Acq On : 18 Apr 2017 14:24
 Operator : SJ/MA
 Sample : I2695-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:10:31 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

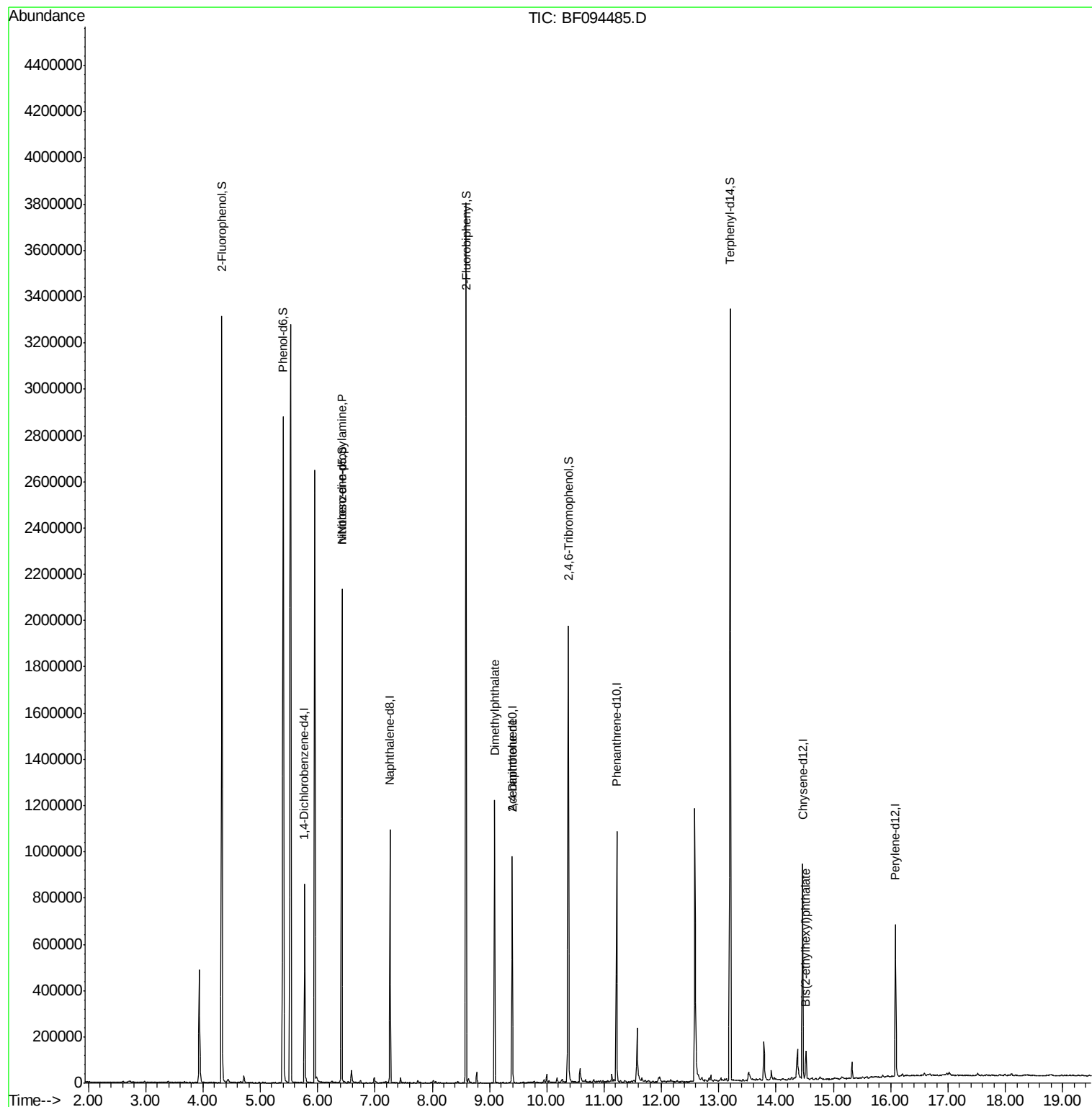
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	124978	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	505313	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	208031	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	447493	20.00	ng	0.00
75) Chrysene-d12	14.46	240	352744	20.00	ng	0.00
86) Perylene-d12	16.08	264	247751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	998440	132.54	ng	0.03
7) Phenol-d6	5.40	99	1314927	148.06	ng	0.00
23) Nitrobenzene-d5	6.42	82	770891	94.20	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	276033	169.64	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1364552	96.51	ng	0.00
78) Terphenyl-d14	13.20	244	1300596	98.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.42	70	102485	17.42	ng	# 76
49) Dimethylphthalate	9.09	163	512482	33.06	ng	99
56) 2,4-Dinitrotoluene	9.40	165	26168	6.13	ng	# 33
83) Bis(2-ethylhexyl)phthalate	14.52	149	42740	2.95	ng	# 95

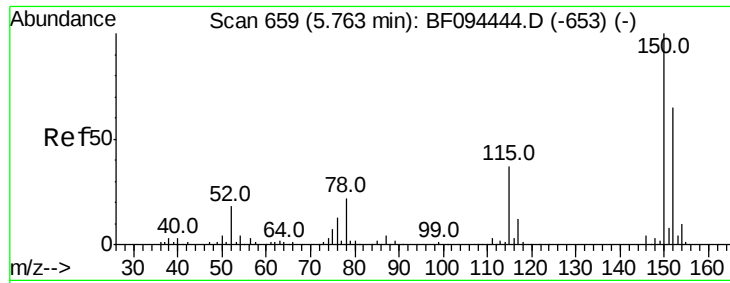
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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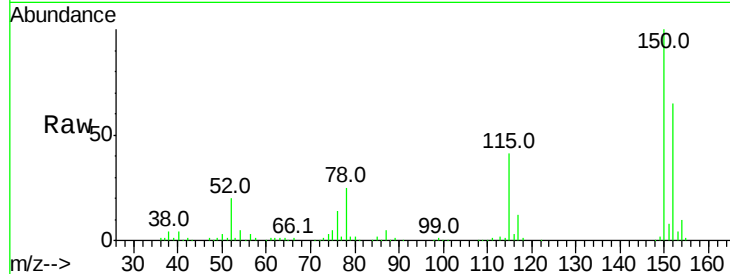


#1

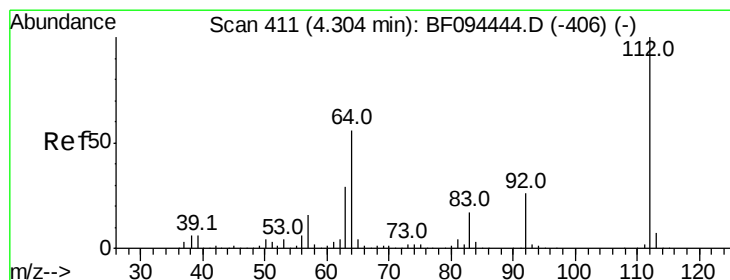
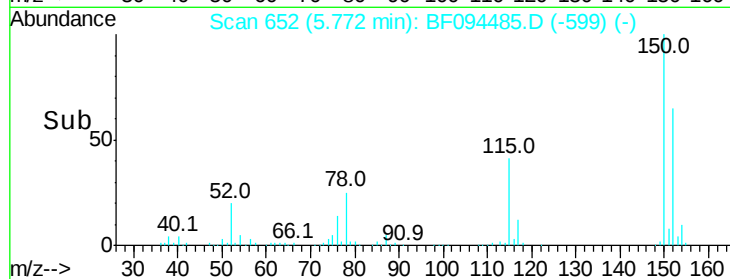
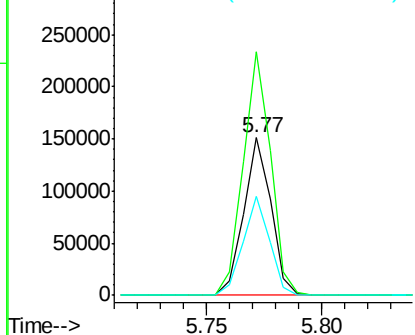
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094485.D
Acq: 18 Apr 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124978
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 62.8 52.2 78.2



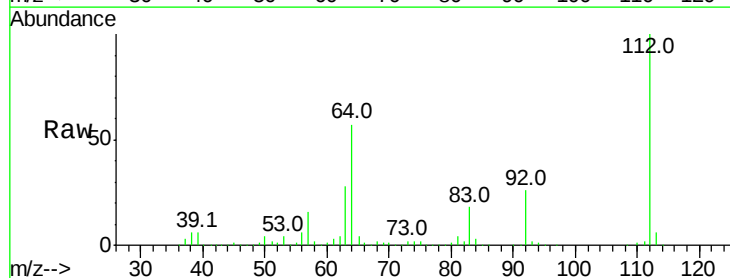
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



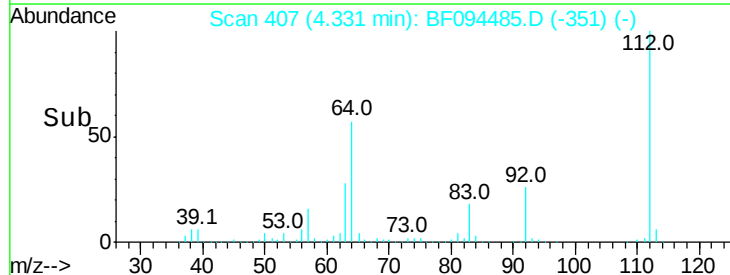
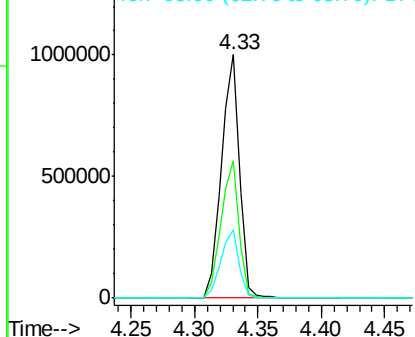
#5

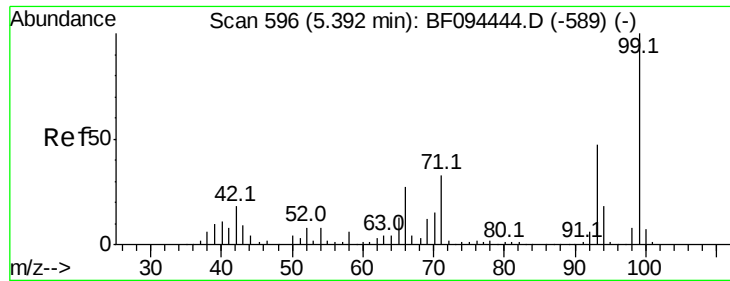
2-Fluorophenol
Concen: 132.54 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094485.D
Acq: 18 Apr 2017 14:24

Tgt Ion:112 Resp: 998440
Ion Ratio Lower Upper
112 100
64 56.6 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: 148.06 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

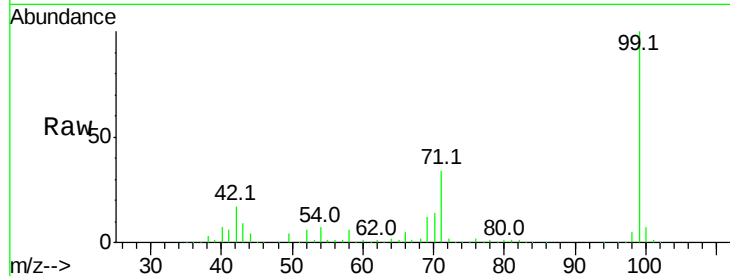
Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 1314927

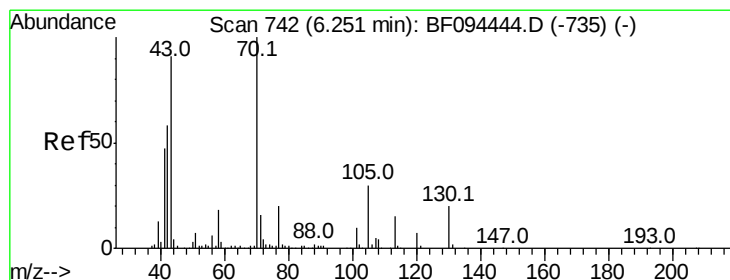
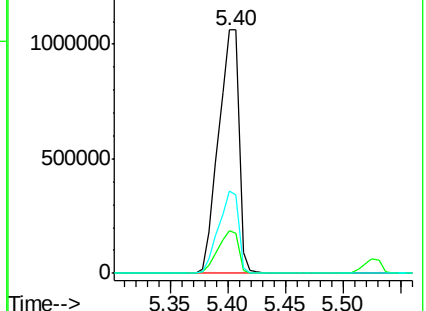
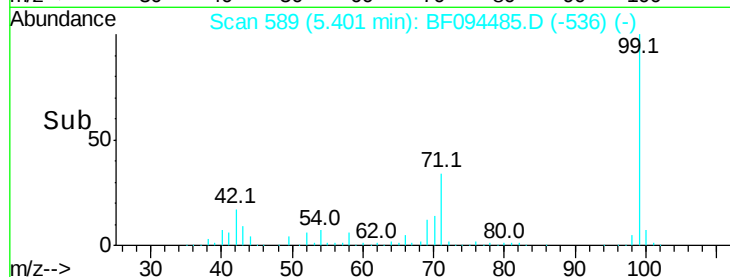
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	34.0	24.5	36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.42 ng

RT: 6.42 min Scan# 763

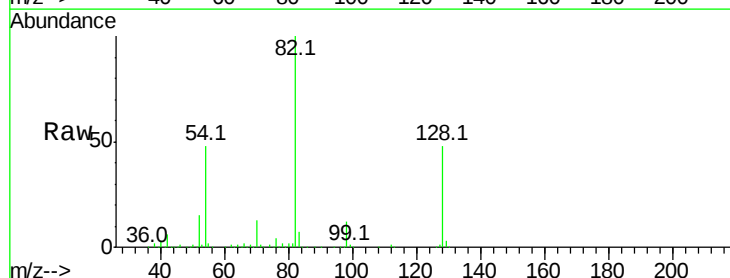
Delta R.T. 0.17 min

Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

Tgt Ion: 70 Resp: 102485

Ion	Ratio	Lower	Upper
70	100		
42	44.9	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#

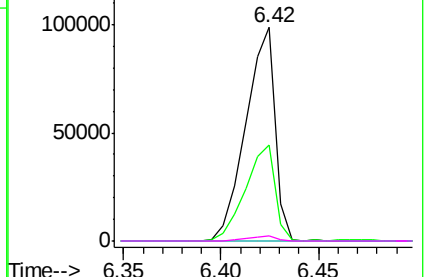
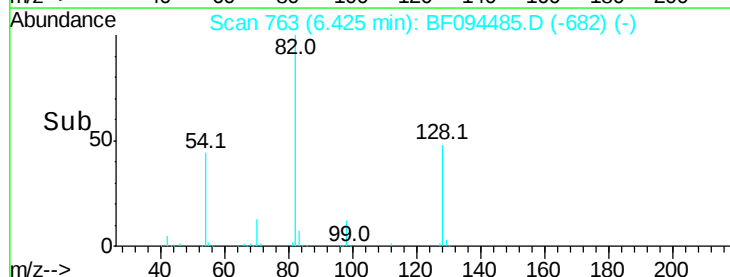


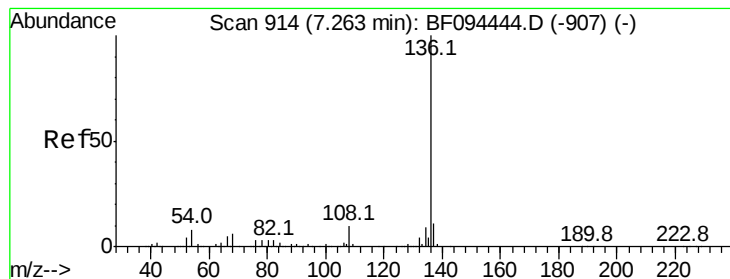
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 505313

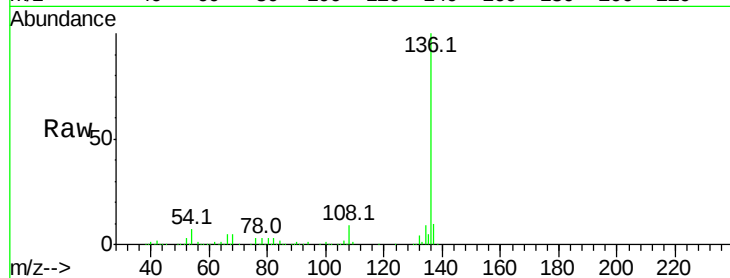
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.8 4.9 7.3

68 5.4 4.1 6.1

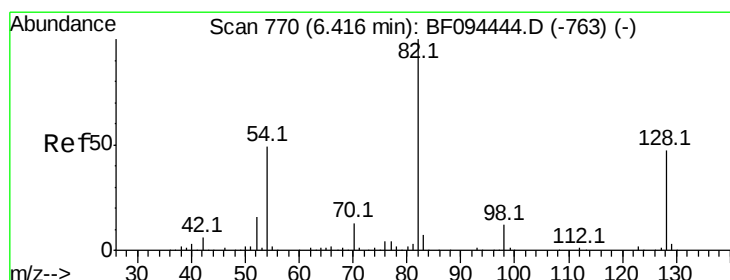
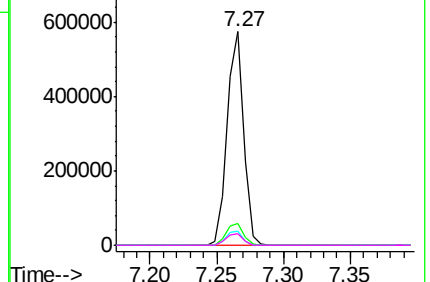
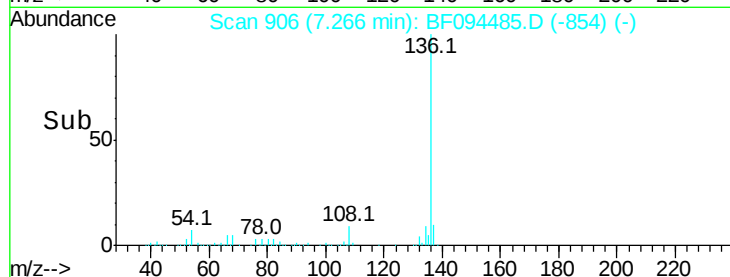


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.20 ng

RT: 6.42 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

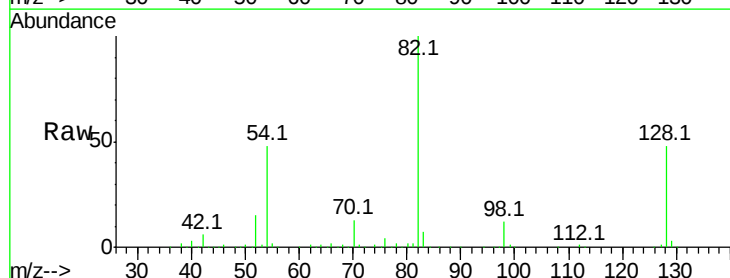
Tgt Ion: 82 Resp: 770891

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

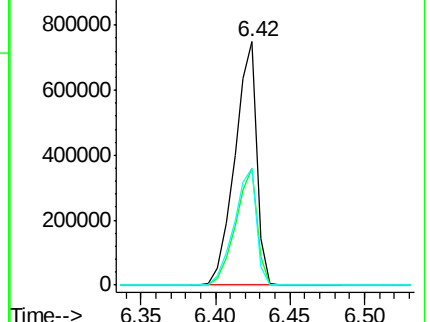
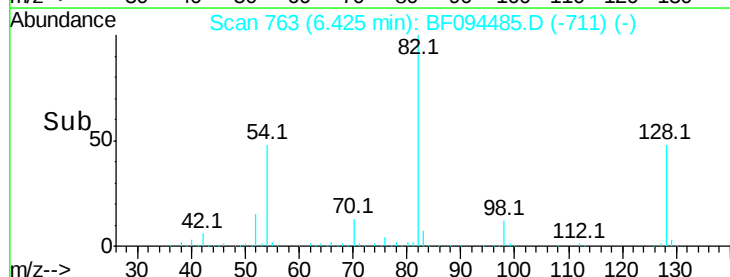
54 48.1 42.2 63.2

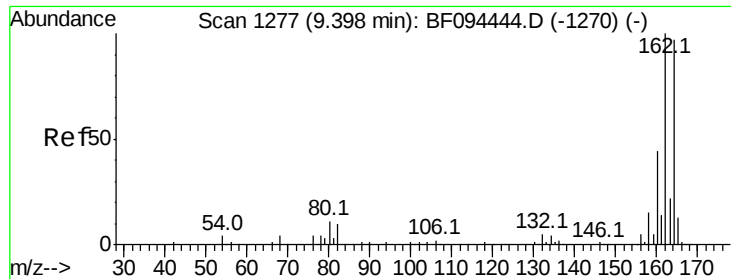


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

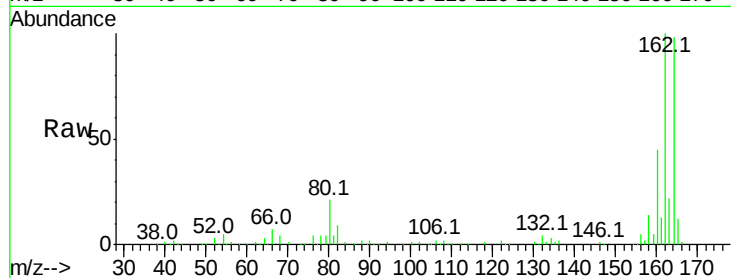




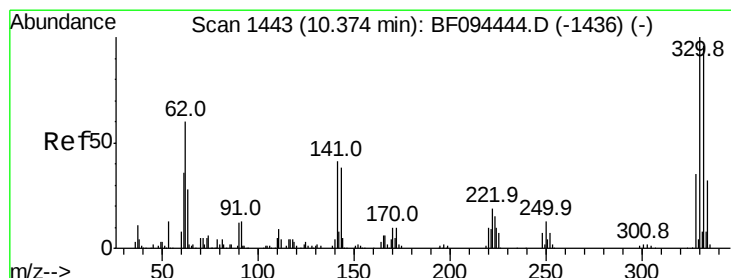
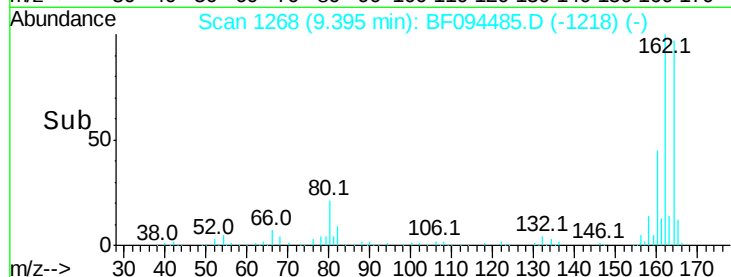
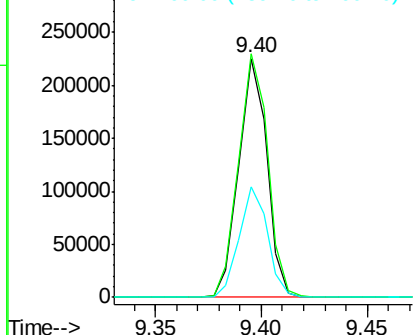
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 208031
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 46.1 36.2 54.2

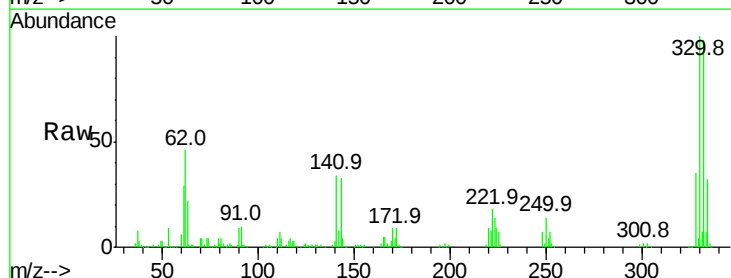


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

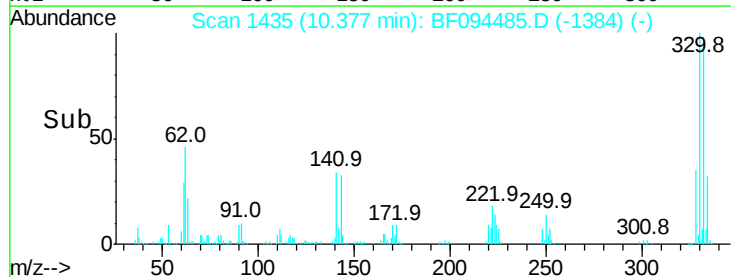
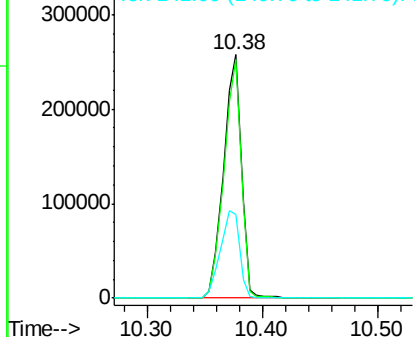


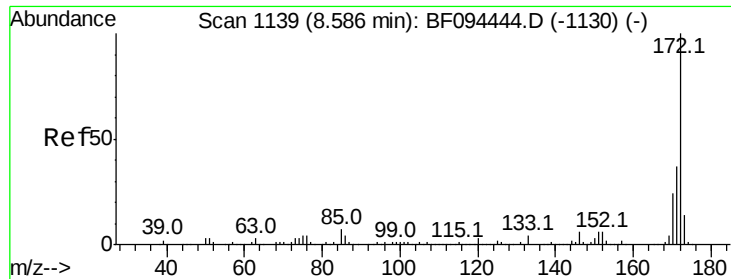
#41
 2,4,6-Tribromophenol
 Concen: 169.64 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

Tgt Ion:330 Resp: 276033
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 38.9 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

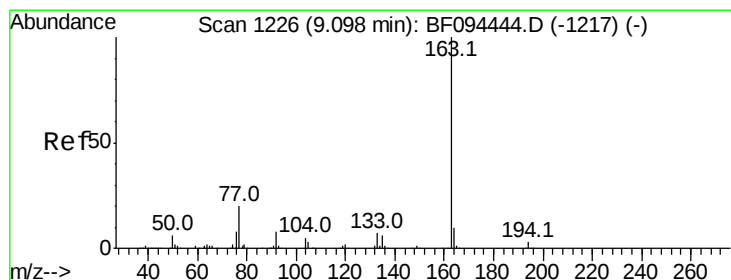
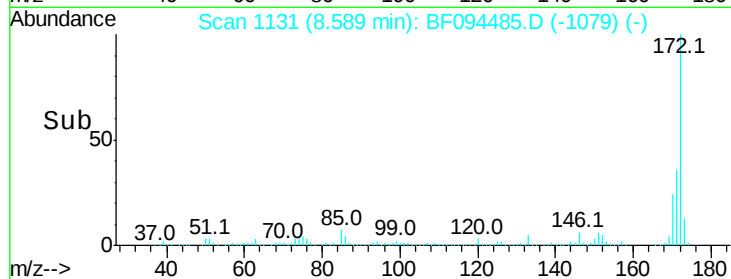
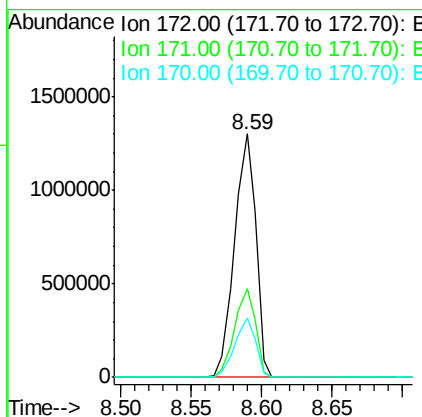
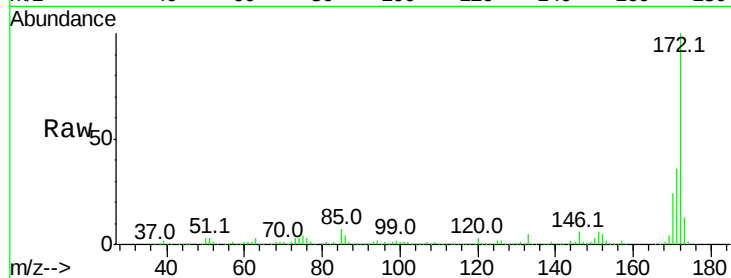




#44
2-Fluorobiphenyl
Concen: 96.51 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094485.D
Acq: 18 Apr 2017 14:24

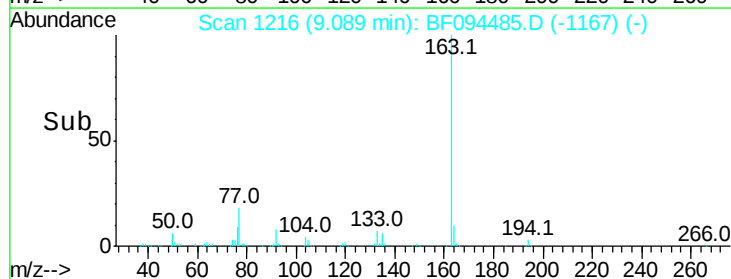
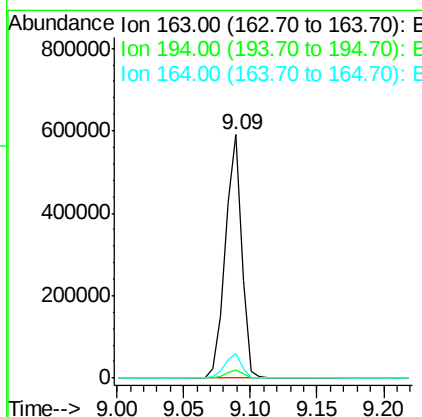
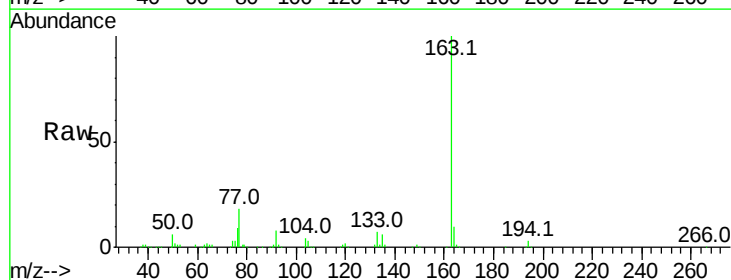
Instrument :
BNA_F
ClientSampleId :

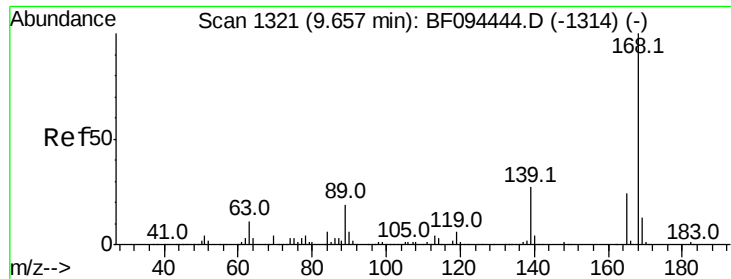
Tot Ion:172 Resp: 1364552
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 33.06 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094485.D
Acq: 18 Apr 2017 14:24

Tgt Ion:163 Resp: 512482
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6

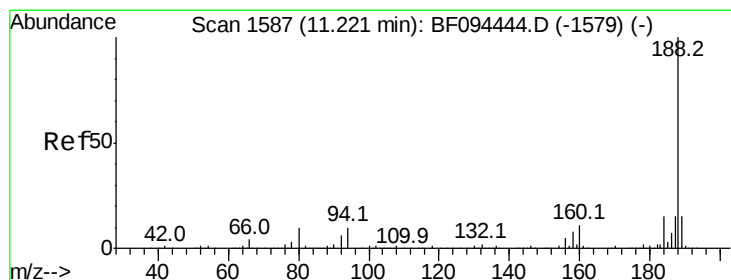
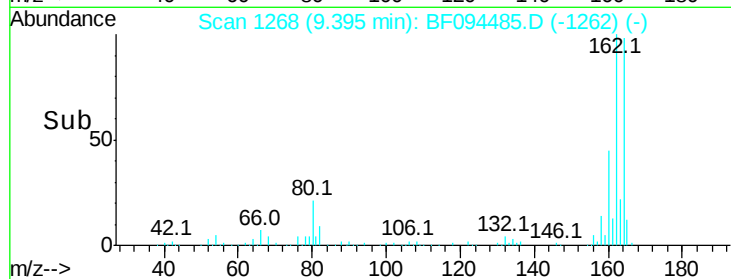
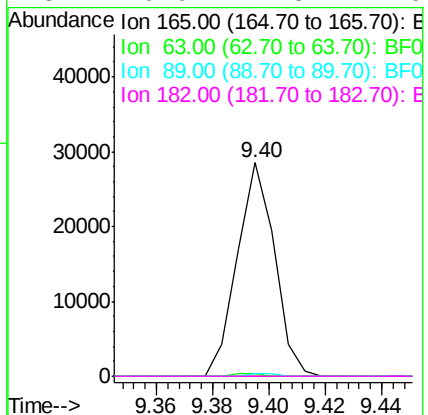
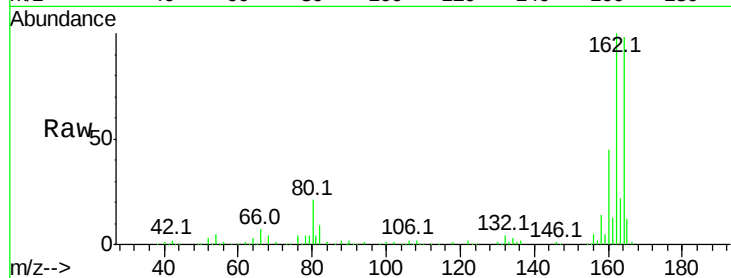




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.26 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

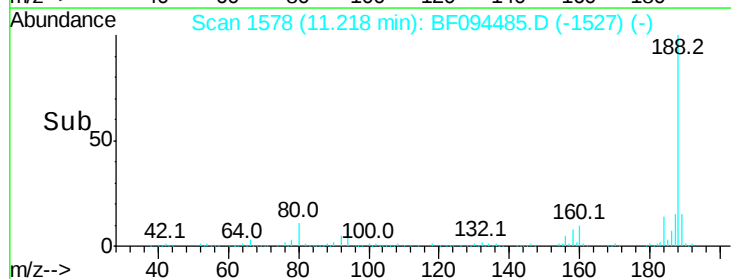
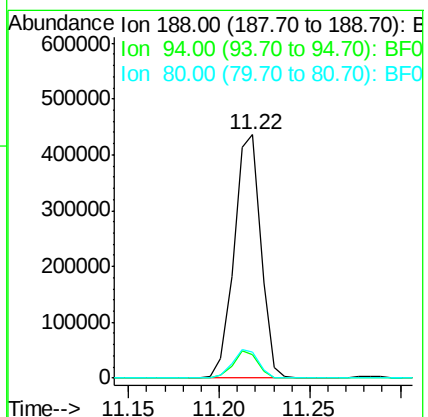
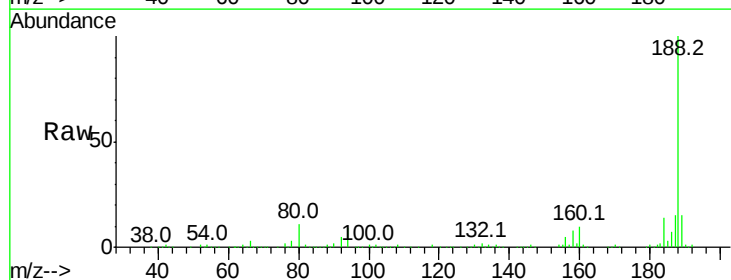
Instrument :
 BNA_F
 ClientSampleId :

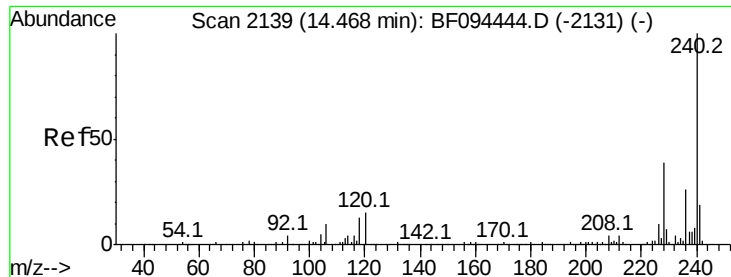
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.4	14.2#
80	10.6	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

Instrument :

BNA_F

ClientSampleId :

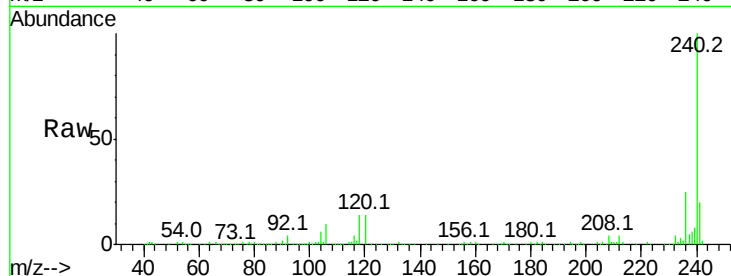
Tot Ion:240 Resp: 352744

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

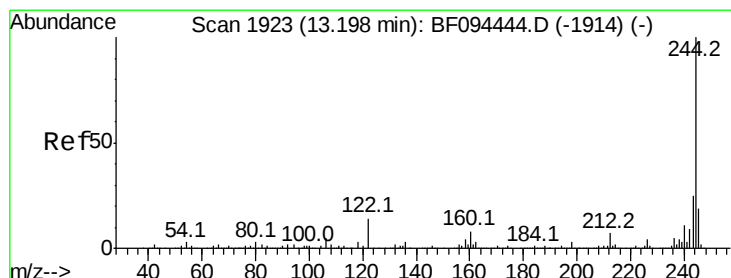
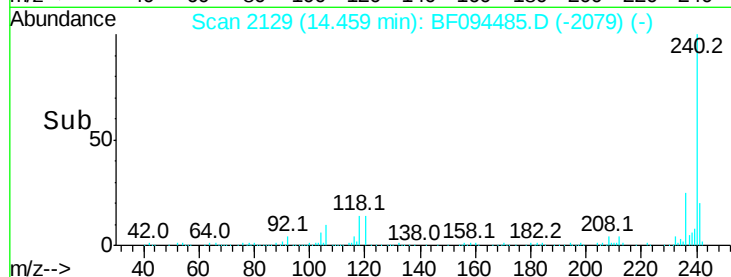
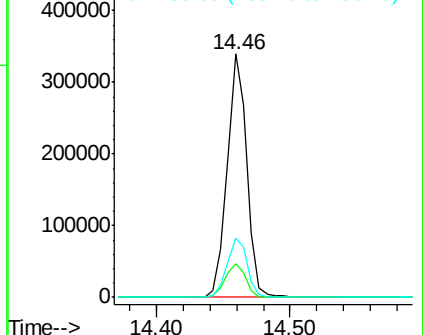
236 24.6 20.5 30.7



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: 98.55 ng

RT: 13.20 min Scan# 1915

Delta R.T. 0.00 min

Lab File: BF094485.D

Acq: 18 Apr 2017 14:24

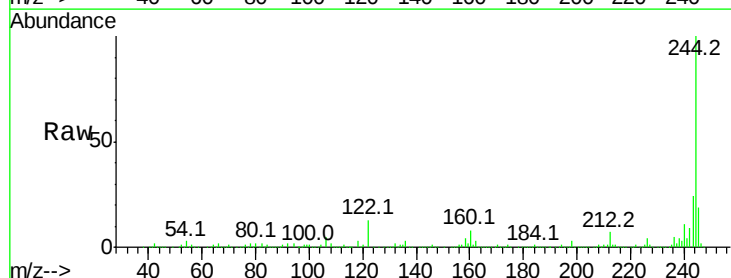
Tgt Ion:244 Resp: 1300596

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

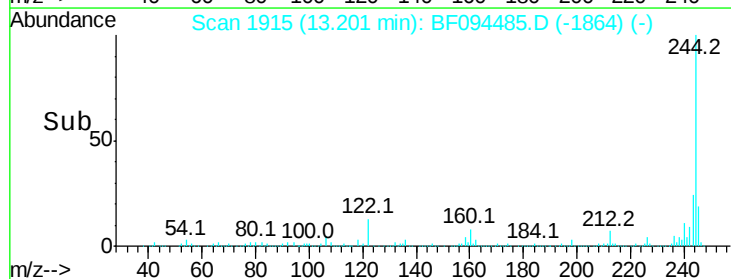
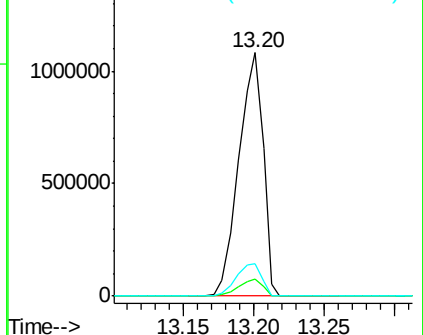
122 13.3 10.3 15.5

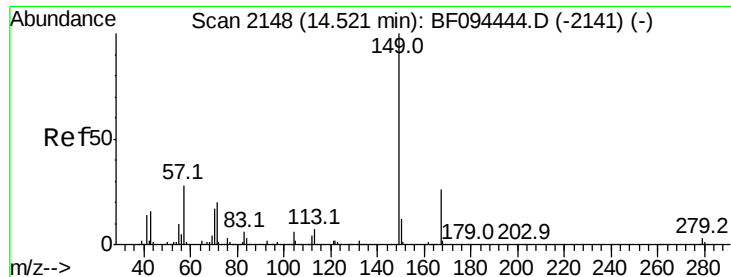


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

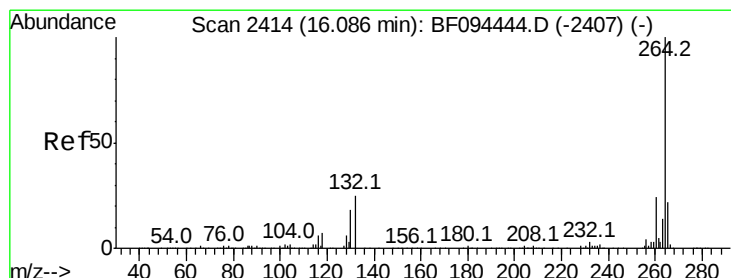
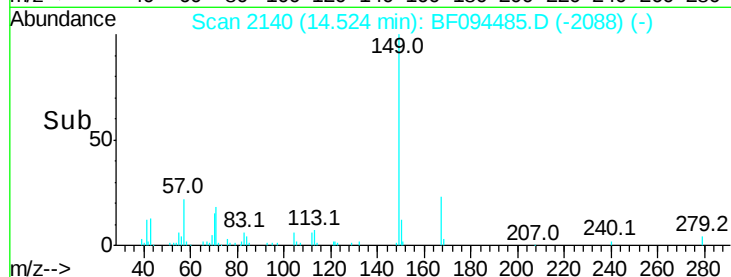
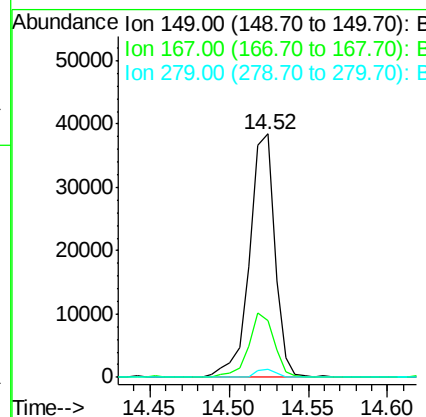
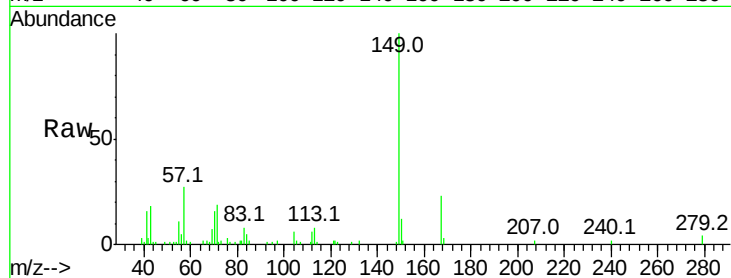




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.95 ng
 RT: 14.52 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 42740
 Ion Ratio Lower Upper
 149 100
 167 23.4 21.0 31.4
 279 3.5 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094485.D
 Acq: 18 Apr 2017 14:24

Tgt Ion:264 Resp: 247751
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.7 17.2 25.8

