

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094147.D
 Acq On : 4 Apr 2017 4:46
 Operator : SJ/MA
 Sample : I2510-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-SSW

Quant Time: Apr 04 05:58:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

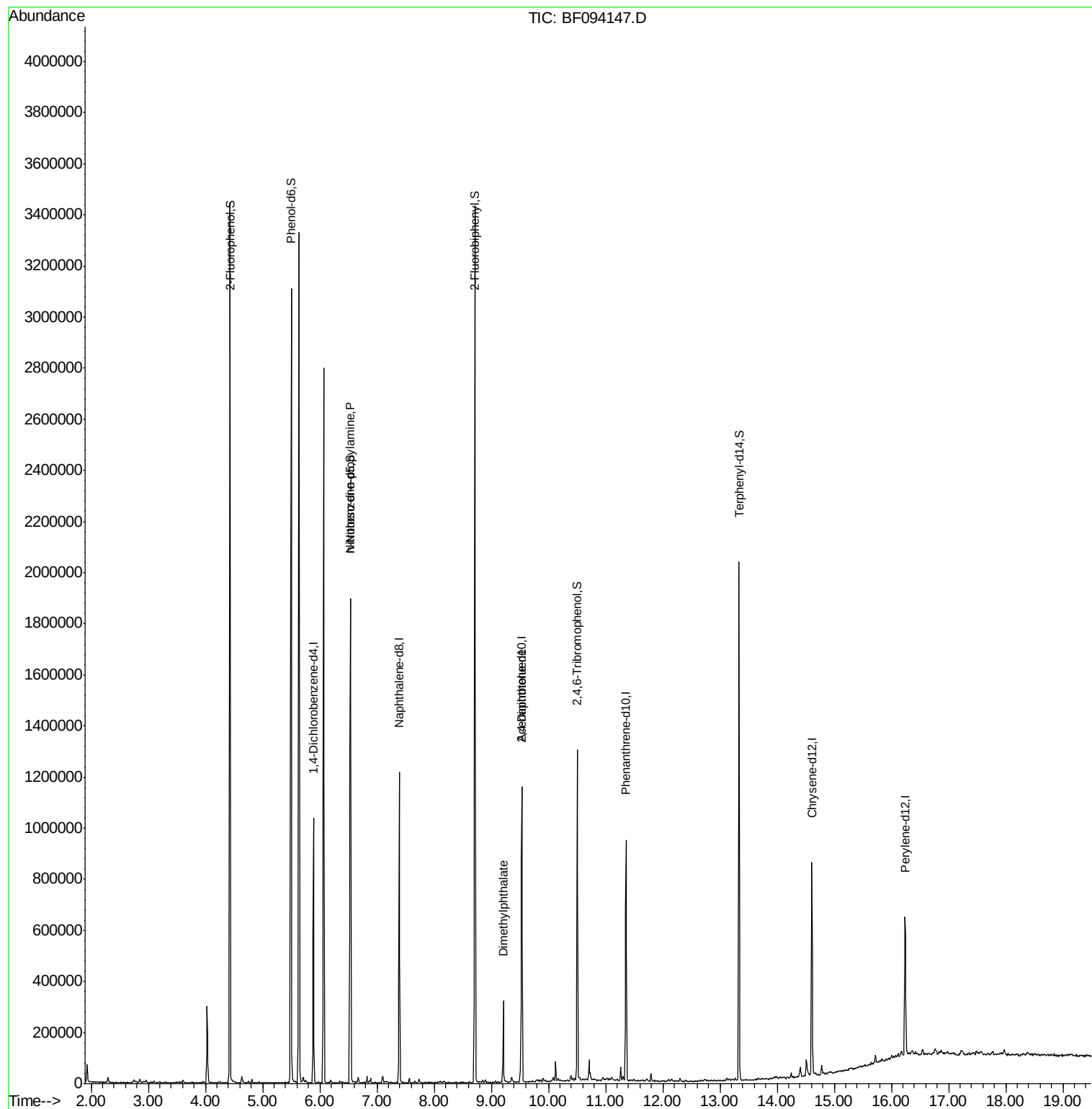
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	159726	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	592394	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	234778	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	348800	20.00	ng	-0.02
75) Chrysene-d12	14.61	240	309668	20.00	ng	-0.02
86) Perylene-d12	16.24	264	224022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1009087	106.71	ng	0.00
7) Phenol-d6	5.50	99	1224150	104.64	ng	-0.01
23) Nitrobenzene-d5	6.53	82	688015	66.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	152118	81.99	ng	-0.02
44) 2-Fluorobiphenyl	8.72	172	1145835	74.44	ng	-0.02
78) Terphenyl-d14	13.33	244	711117	51.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	91557	12.18	ng	# 77
49) Dimethylphthalate	9.21	163	132634	7.95	ng	98
56) 2,4-Dinitrotoluene	9.53	165	30077	6.26	ng	# 33

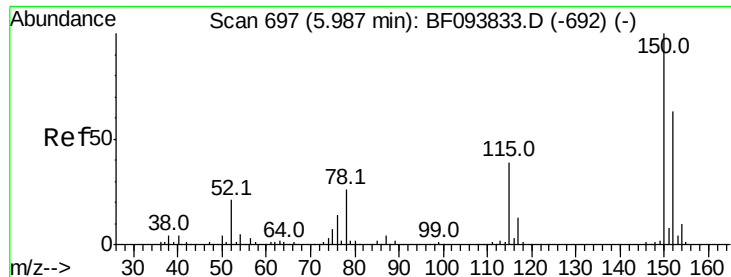
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094147.D
Acq On : 4 Apr 2017 4:46
Operator : SJ/MA
Sample : I2510-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-U4-SSW

Quant Time: Apr 04 05:58:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

Instrument :

BNA_F

ClientSampleId :

E2-U4-SSW

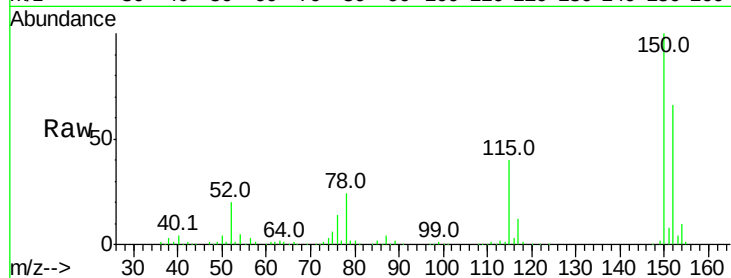
Tot Ion:152 Resp: 159726

Ion Ratio Lower Upper

152 100

150 150.6 126.2 189.2

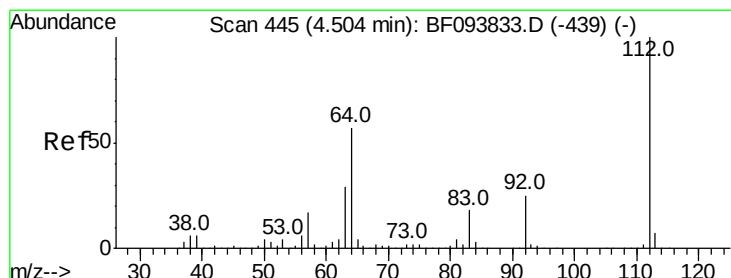
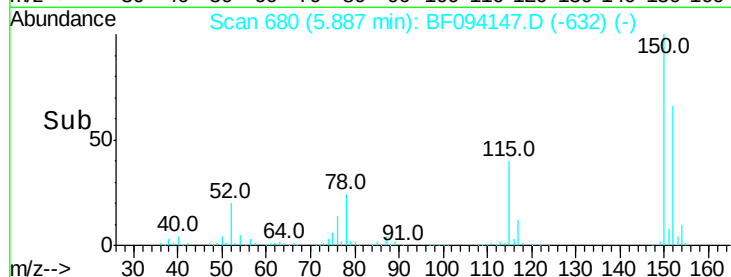
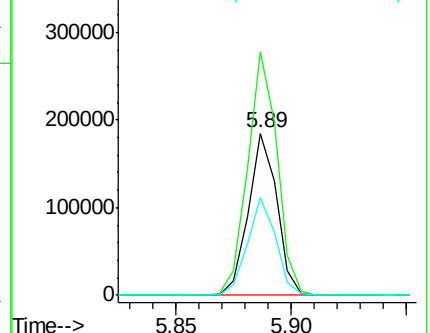
115 60.3 52.2 78.2



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: 106.71 ng

RT: 4.43 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

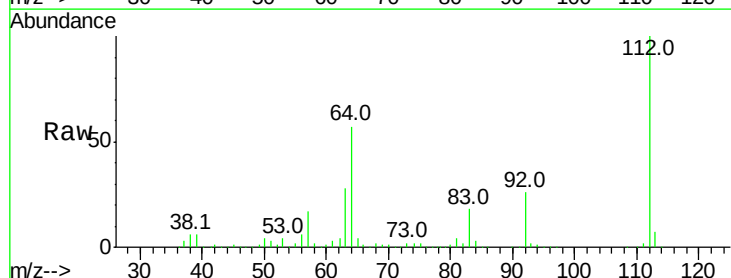
Tgt Ion:112 Resp: 1009087

Ion Ratio Lower Upper

112 100

64 57.2 46.0 69.0

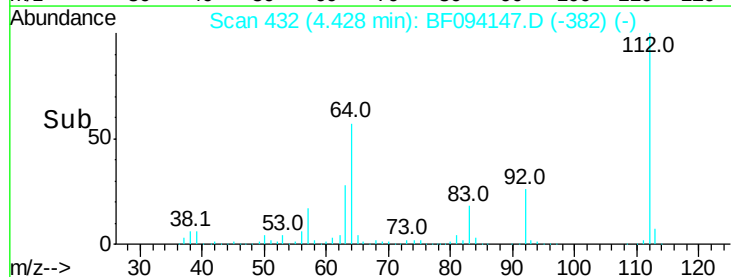
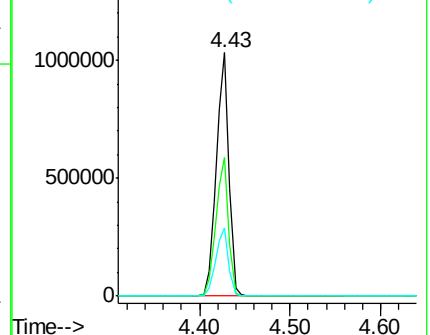
63 28.3 23.4 35.0

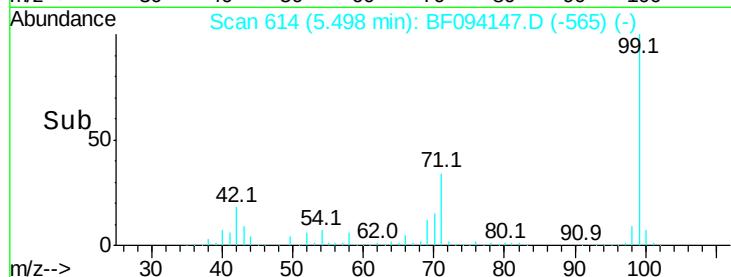
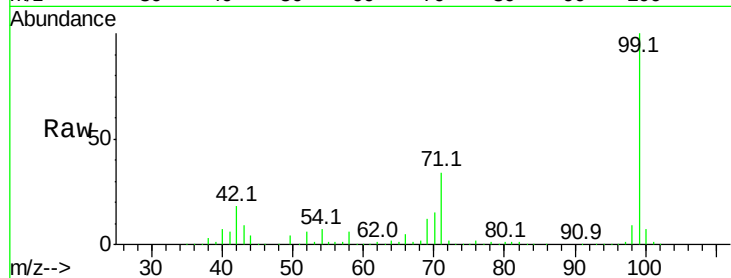
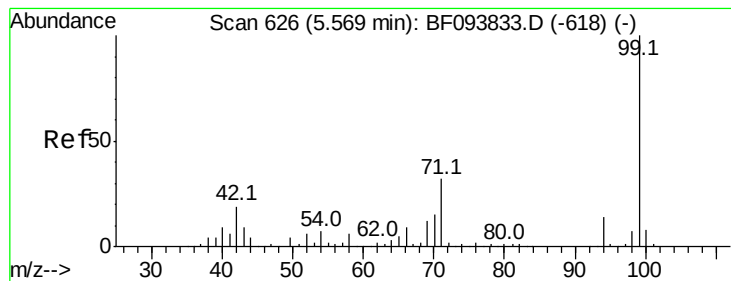


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.64 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

Instrument :

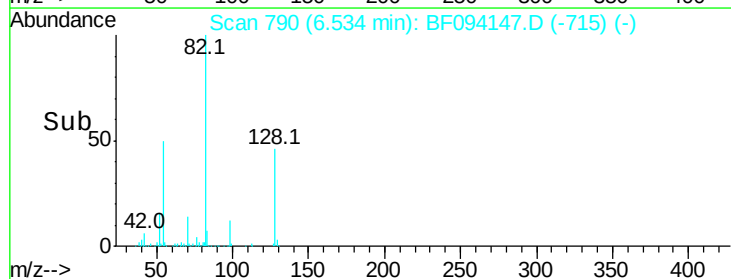
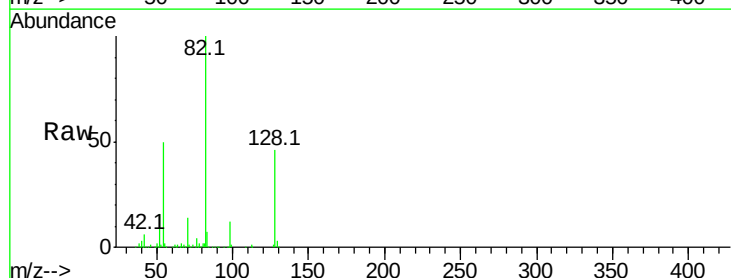
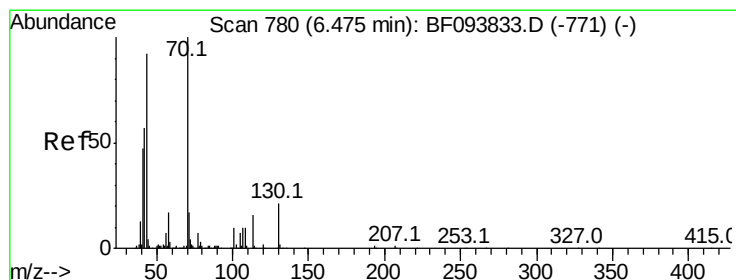
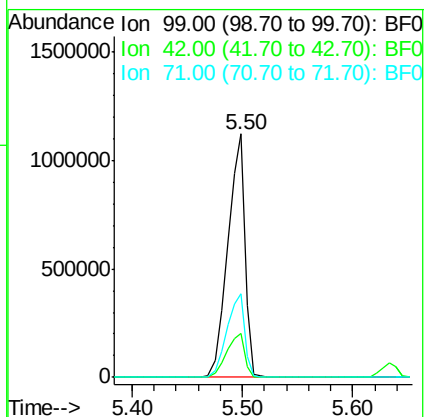
BNA_F

ClientSampleId :

E2-U4-SSW

Tot Ion: 99 Resp: 1224150

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	34.2	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.18 ng

RT: 6.53 min Scan# 790

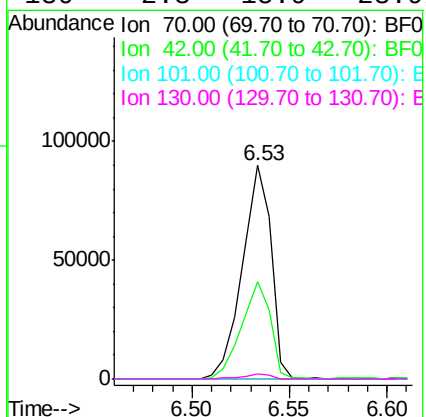
Delta R.T. 0.14 min

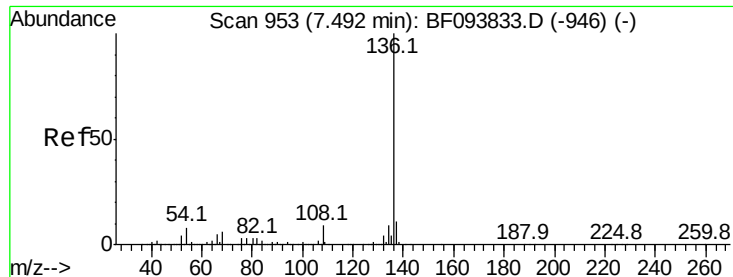
Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

Tgt Ion: 70 Resp: 91557

Ion	Ratio	Lower	Upper
70	100		
42	45.8	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: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

Instrument :

BNA_F

ClientSampleId :

E2-U4-SSW

Tot Ion:136 Resp: 592394

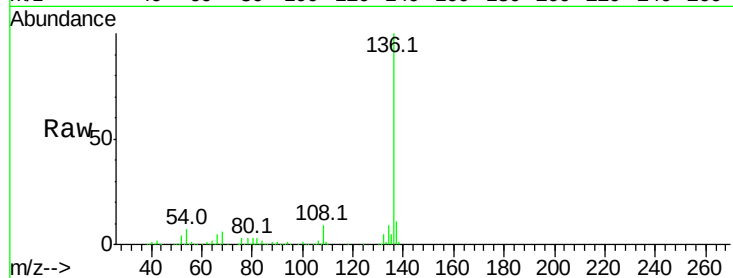
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

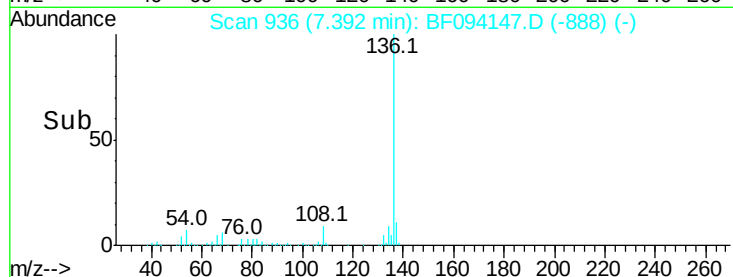


Abundance Ion 136.00 (135.70 to 136.70): E

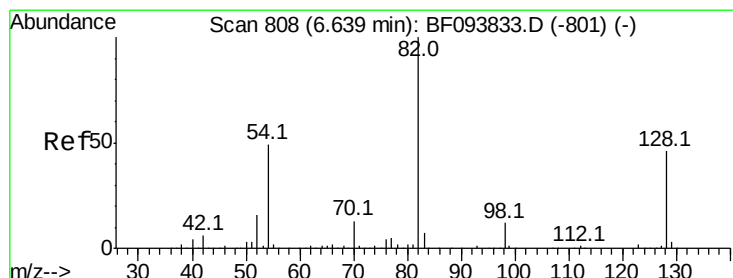
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.30 7.35 7.40 7.45 7.50



#23

Nitrobenzene-d5

Concen: 66.28 ng

RT: 6.53 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

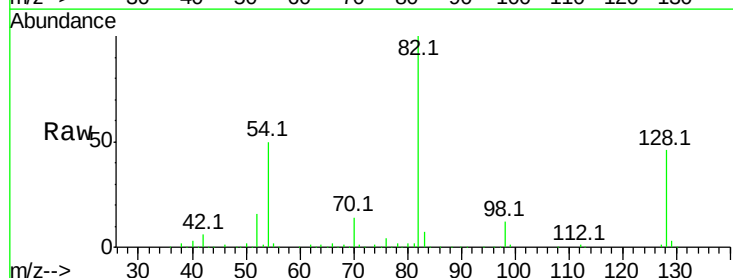
Tgt Ion: 82 Resp: 688015

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

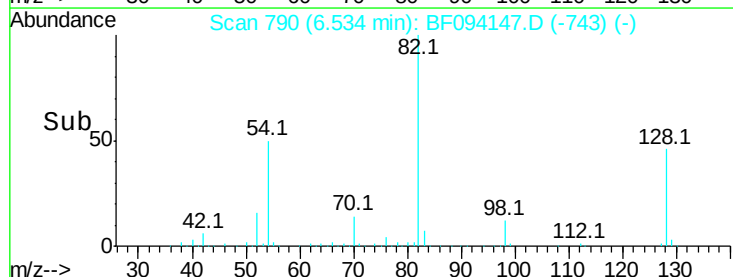
54 49.6 42.2 63.2



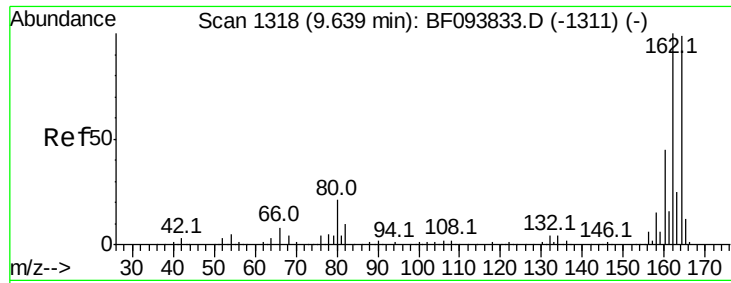
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



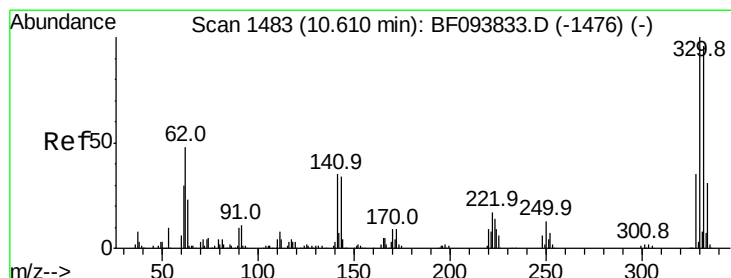
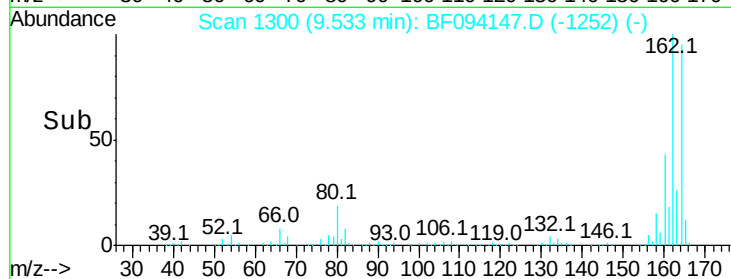
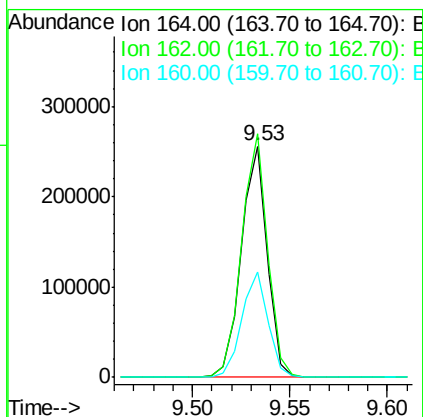
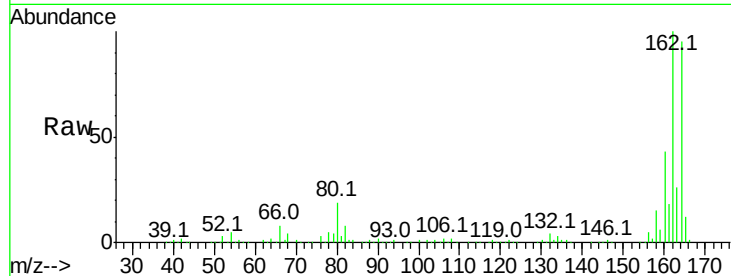
Time--> 6.45 6.50 6.55 6.60 6.65



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

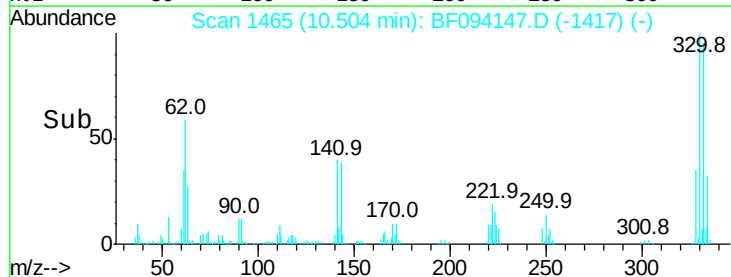
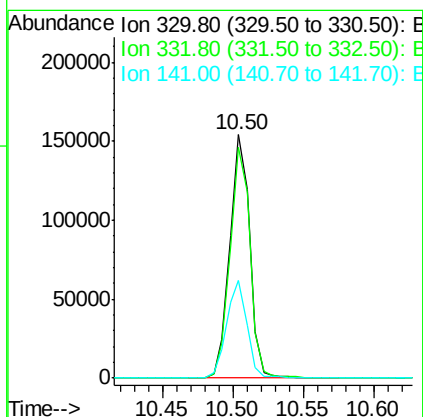
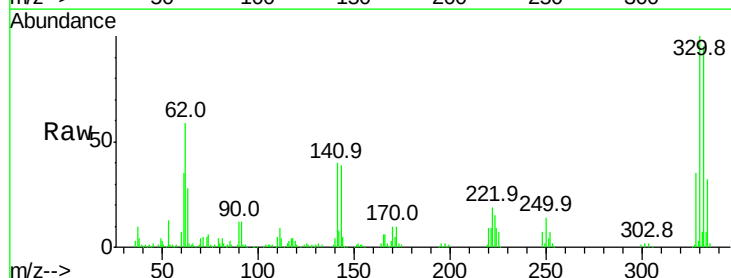
Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-SSW

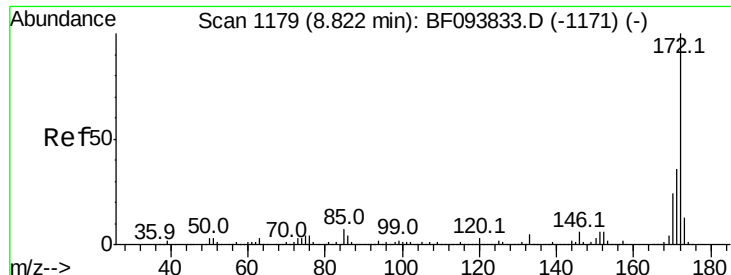
Tot Ion:164 Resp: 234778
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 45.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 81.99 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

Tgt Ion:330 Resp: 152118
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 40.6 31.4 47.2



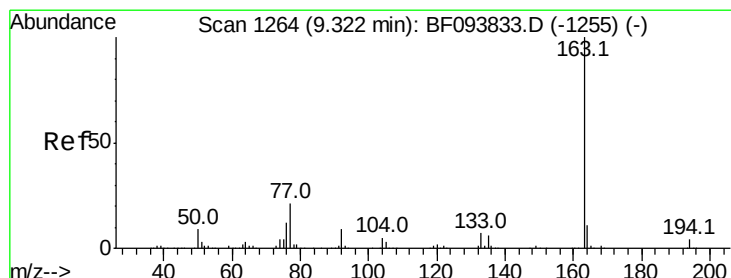
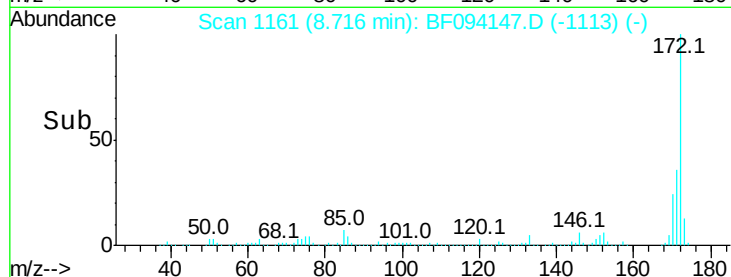
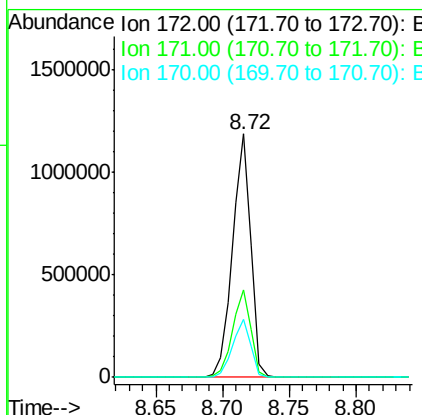
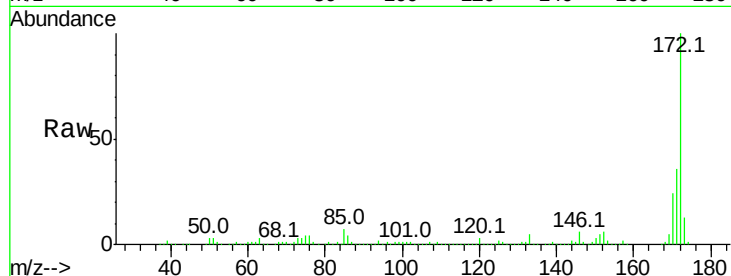


#44
 2-Fluorobiphenyl
 Concen: 74.44 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-SSW

Tot Ion:172 Resp: 1145835

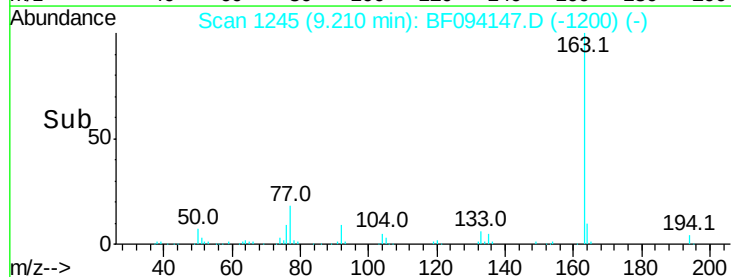
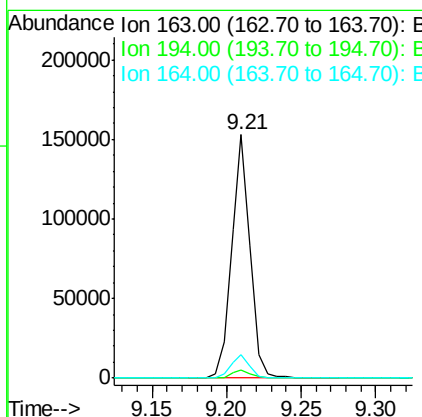
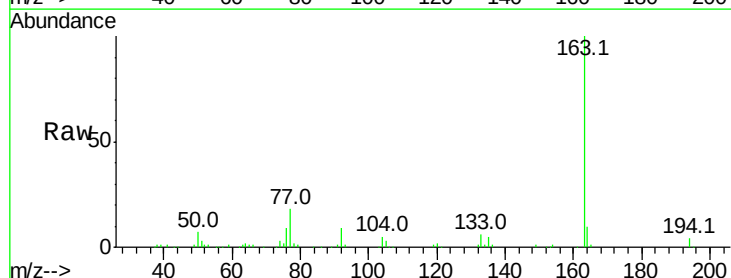
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.7	19.8	29.8

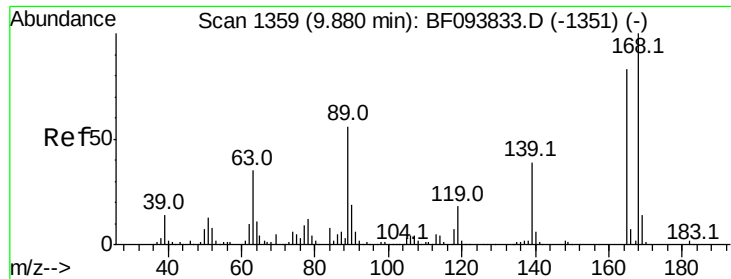


#49
 Dimethylphthalate
 Concen: 7.95 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.04 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

Tgt Ion:163 Resp: 132634

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.8	8.4	12.6

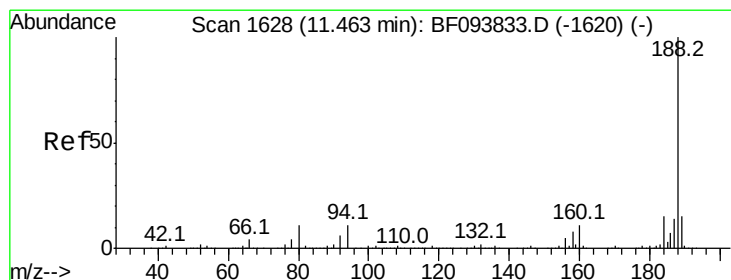
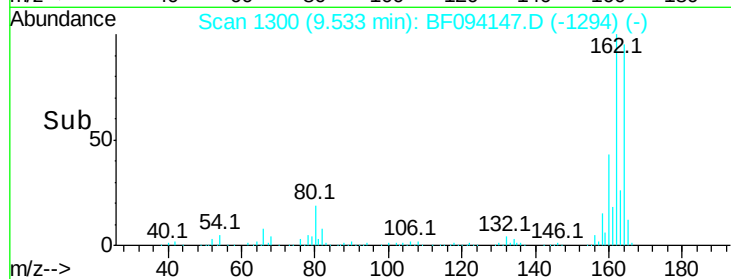
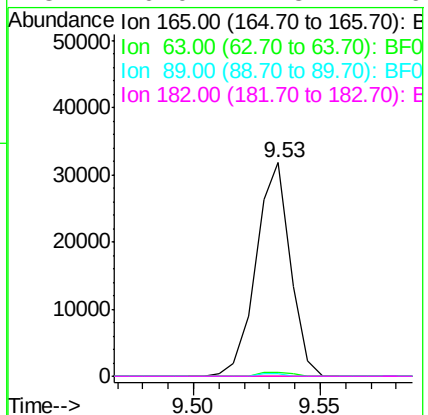
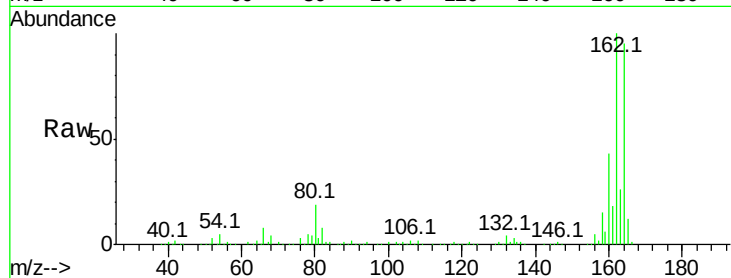




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.26 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

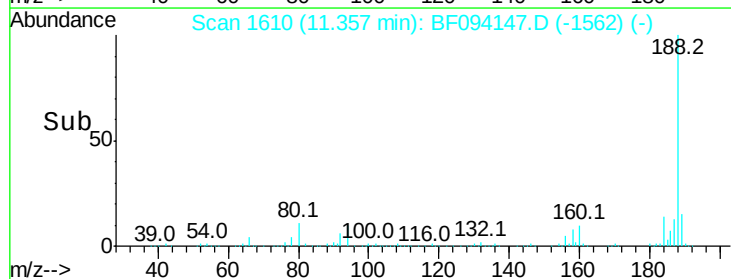
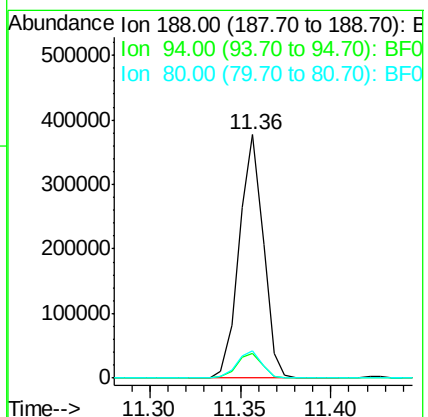
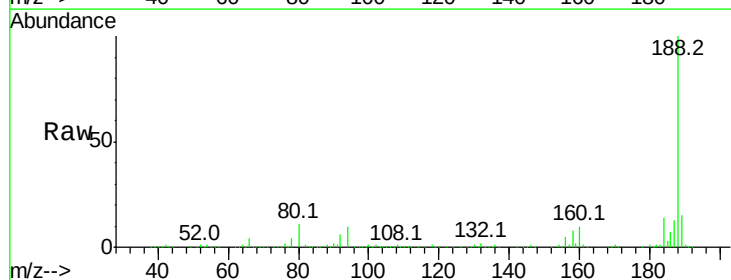
Instrument :
 BNA_F
 ClientSampleId :
 E2-U4-SSW

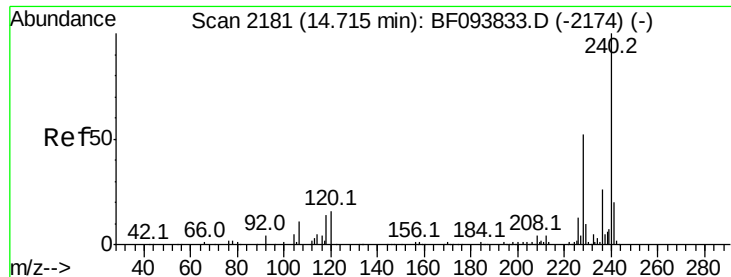
Tot Ion:	165	Resp:	30077
Ion Ratio	Lower	Upper	
165	100		
63	1.8	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094147.D
 Acq: 4 Apr 2017 4:46

Tgt Ion:	188	Resp:	348800
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	11.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

Instrument :

BNA_F

ClientSampleId :

E2-U4-SSW

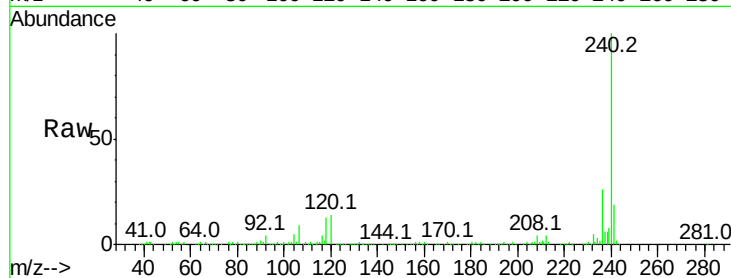
Tot Ion:240 Resp: 309668

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

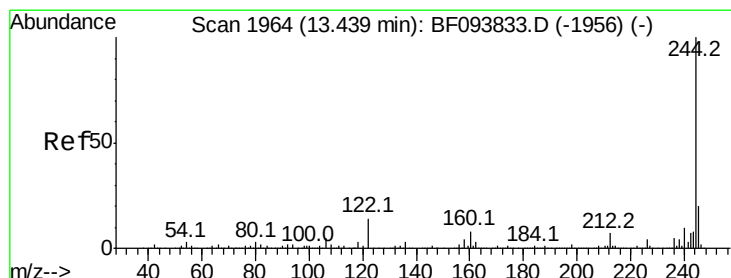
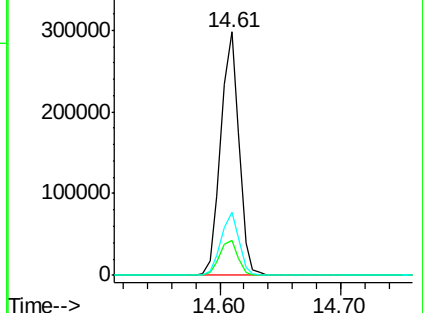
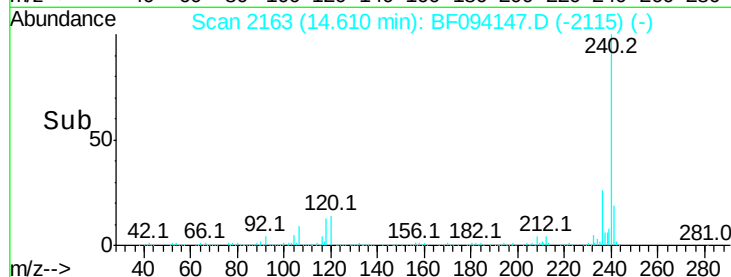
236 26.1 20.5 30.7



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: 51.47 ng

RT: 13.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF094147.D

Acq: 4 Apr 2017 4:46

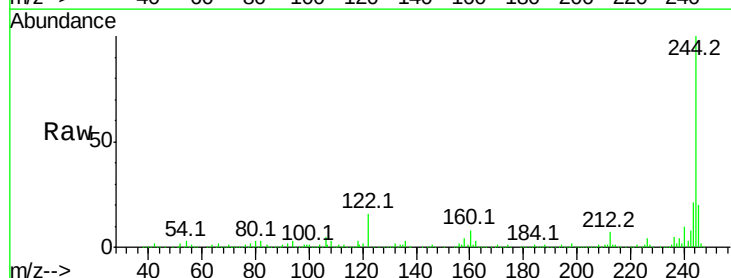
Tgt Ion:244 Resp: 711117

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

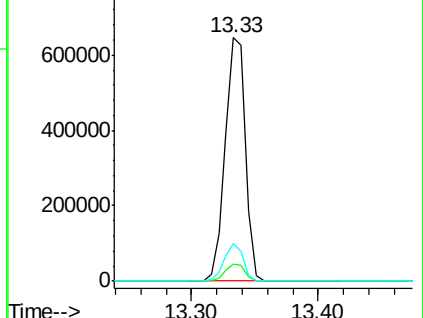
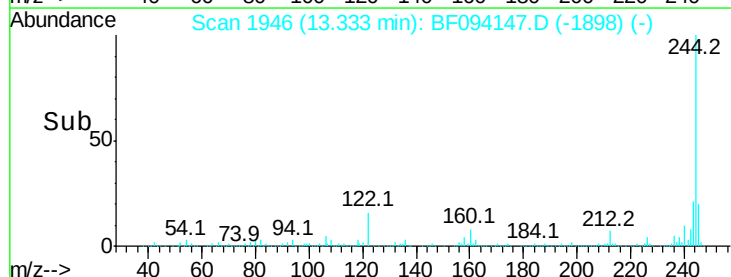
122 15.6 10.3 15.5#

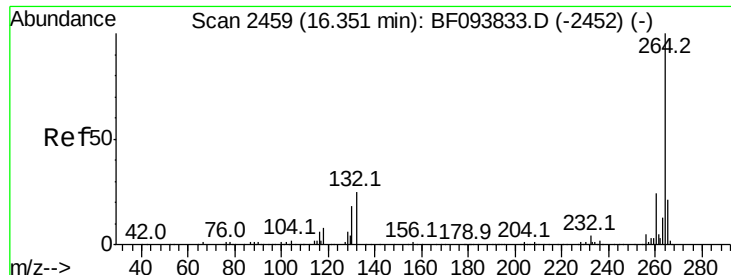


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

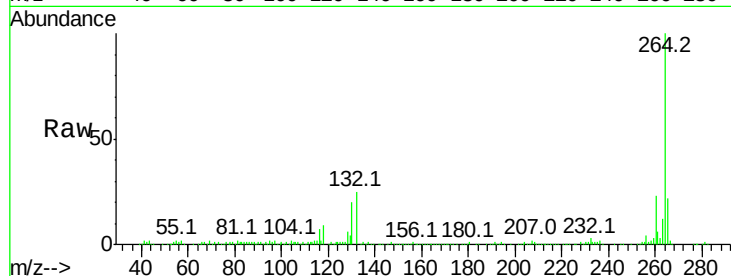




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF094147.D
Acq: 4 Apr 2017 4:46

Instrument :
BNA_F
ClientSampleId :
E2-U4-SSW

Tot Ion: 264 Resp: 224022
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.6 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

