

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094076.D
 Acq On : 30 Mar 2017 23:38
 Operator : SJ/MA
 Sample : I2417-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Quant Time: Mar 31 01:53:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

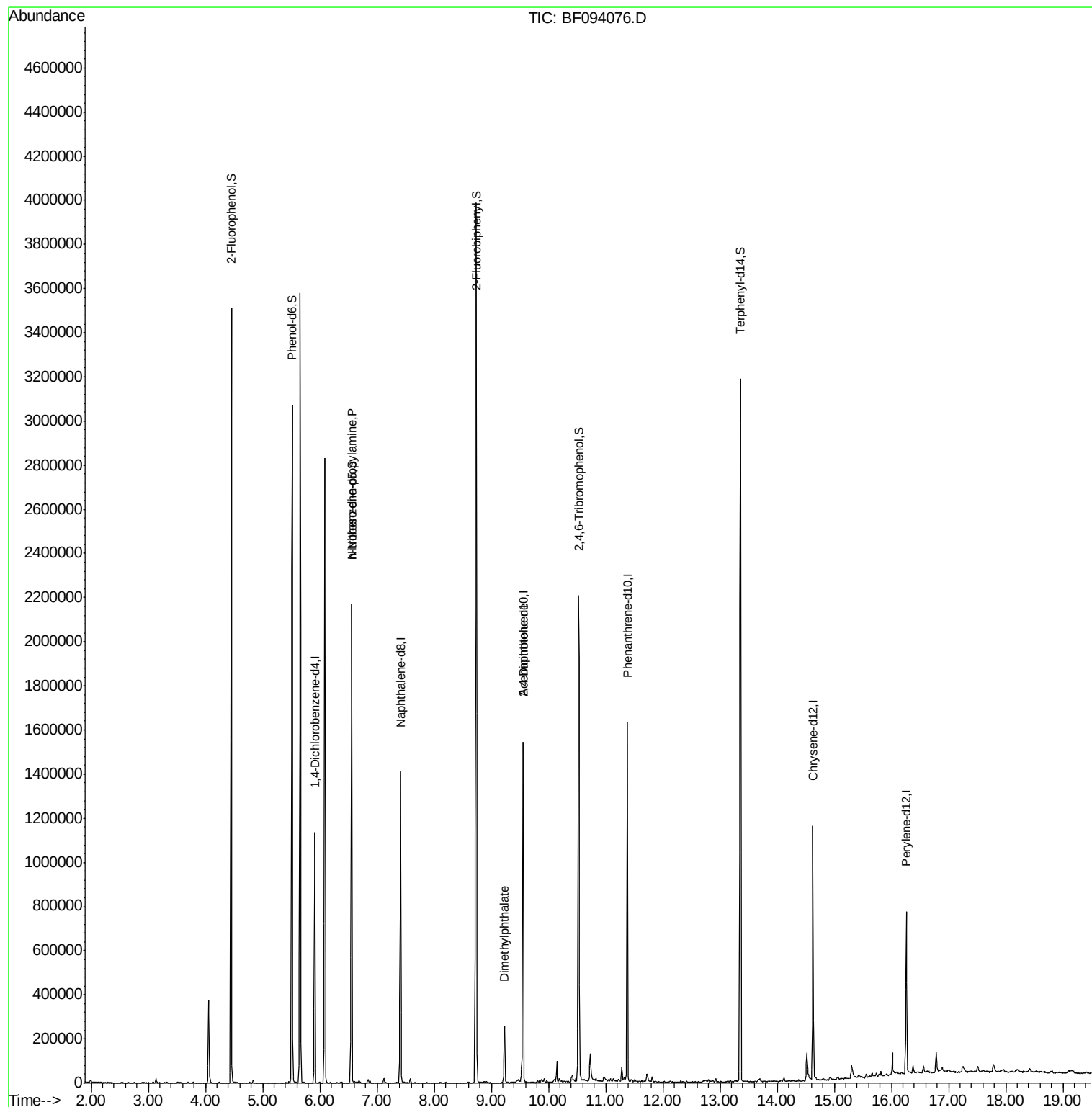
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	188633	20.00	ng	-0.04
21) Naphthalene-d8	7.41	136	773562	20.00	ng	-0.05
38) Acenaphthene-d10	9.56	164	377678	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	631590	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	438628	20.00	ng	-0.05
86) Perylene-d12	16.26	264	309951	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.45	112	1056642	94.61	ng	-0.02
7) Phenol-d6	5.52	99	1386356	100.34	ng	-0.04
23) Nitrobenzene-d5	6.56	82	869616	64.15	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	308092	103.23	ng	-0.04
44) 2-Fluorobiphenyl	8.74	172	1643750	66.38	ng	-0.04
78) Terphenyl-d14	13.36	244	1215143	62.10	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	113584	12.79	ng	# 78
49) Dimethylphthalate	9.23	163	129444	4.82	ng	98
56) 2,4-Dinitrotoluene	9.55	165	48297	6.25	ng	# 33

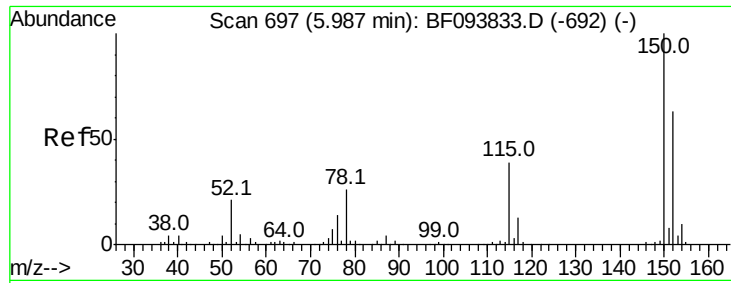
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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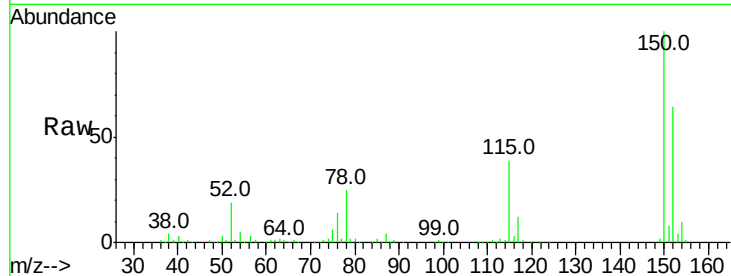


#1

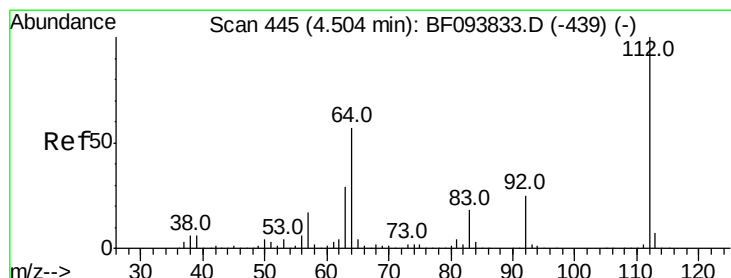
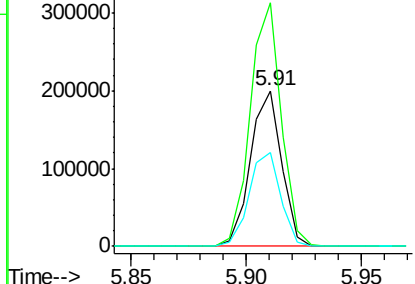
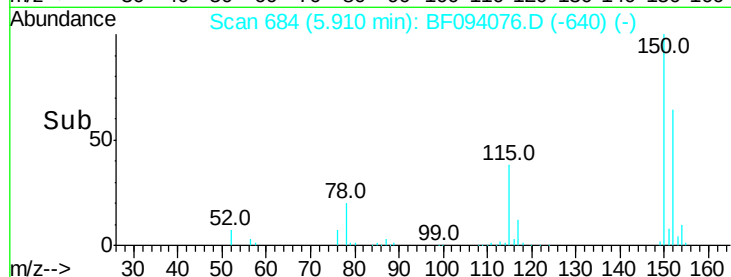
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 684
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Tot Ion:152 Resp: 188633
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.2 189.2
 115 60.2 52.2 78.2



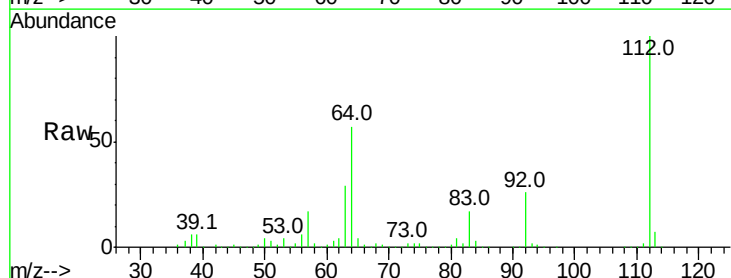
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



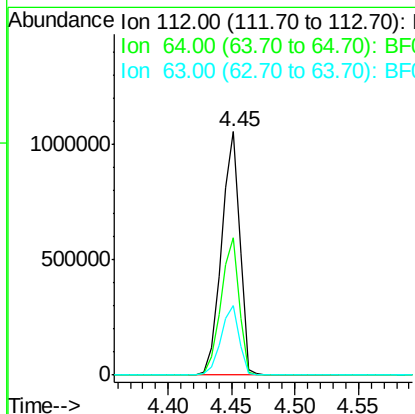
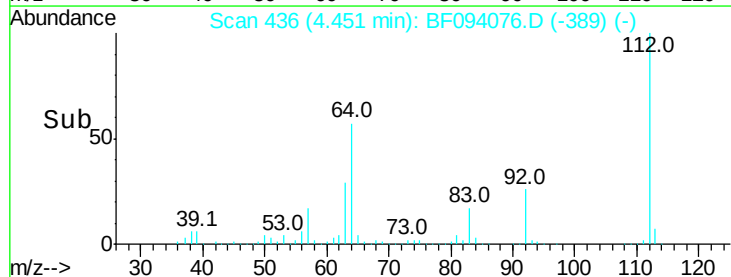
#5

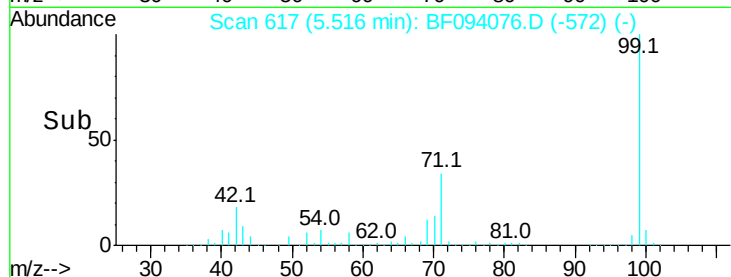
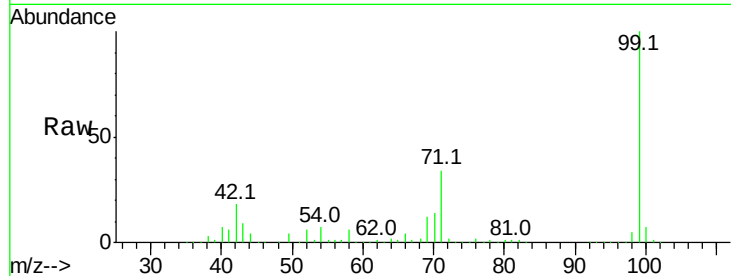
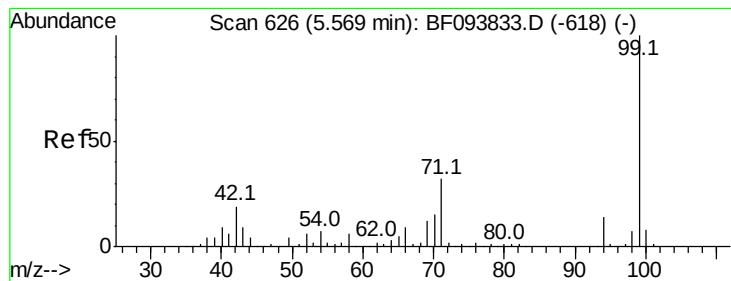
2-Fluorophenol
 Concen: 94.61 ng
 RT: 4.45 min Scan# 436
 Delta R.T. -0.02 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Tgt Ion:112 Resp: 1056642
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.0 69.0
 63 28.6 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: 100.34 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.04 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

SW-3(6.5-7)

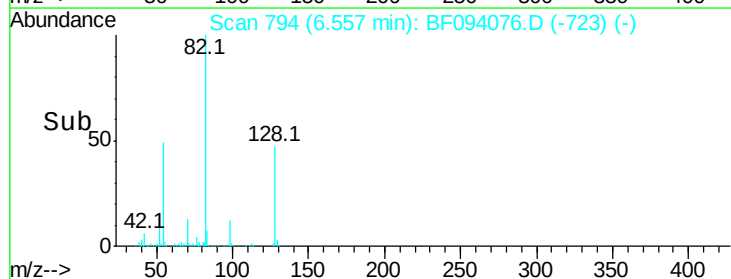
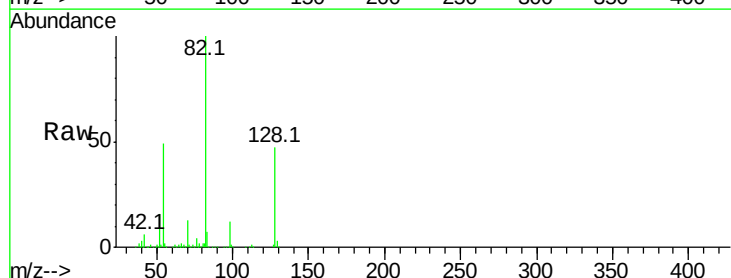
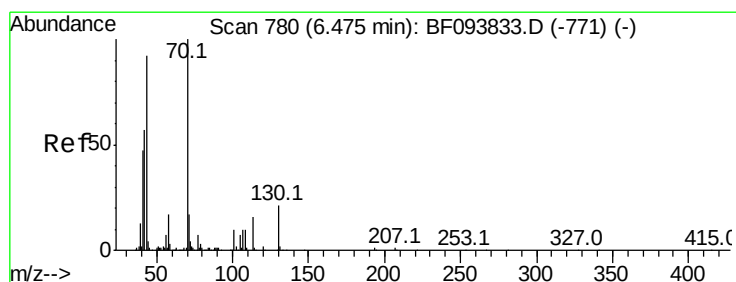
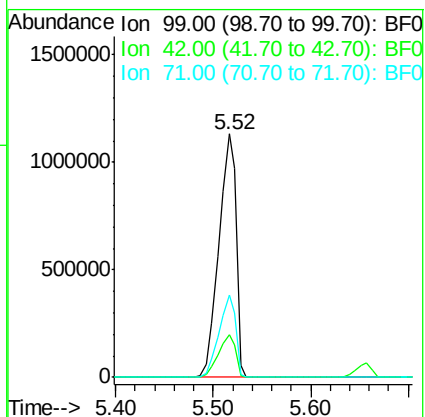
Tot Ion: 99 Resp: 1386356

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 33.6 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.79 ng

RT: 6.56 min Scan# 794

Delta R.T. 0.12 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

Tgt Ion: 70 Resp: 113584

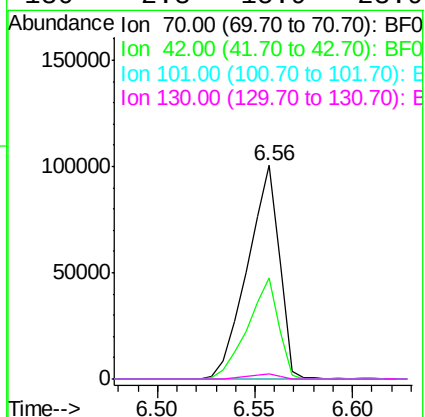
Ion Ratio Lower Upper

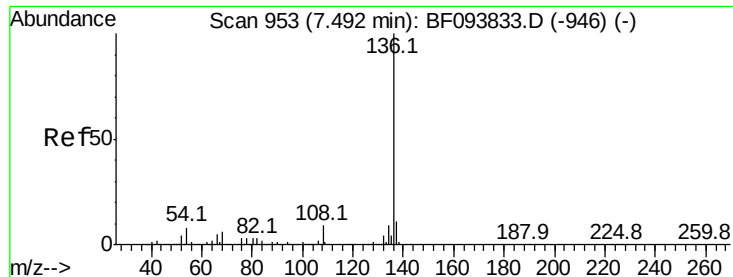
70 100

42 47.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

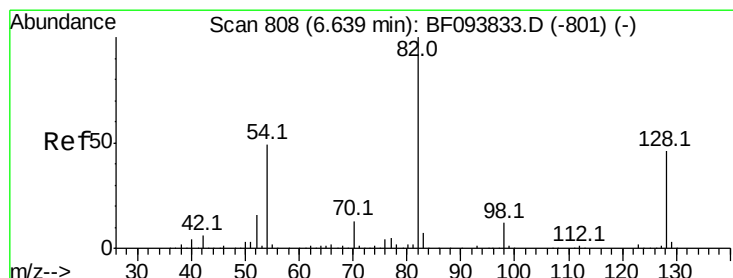
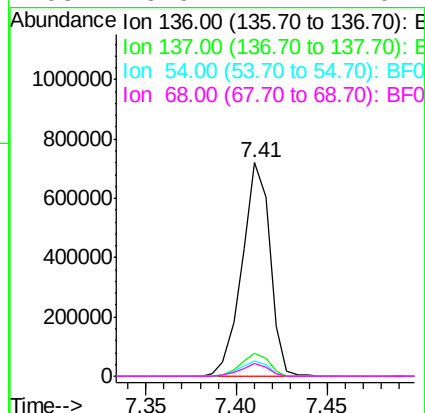
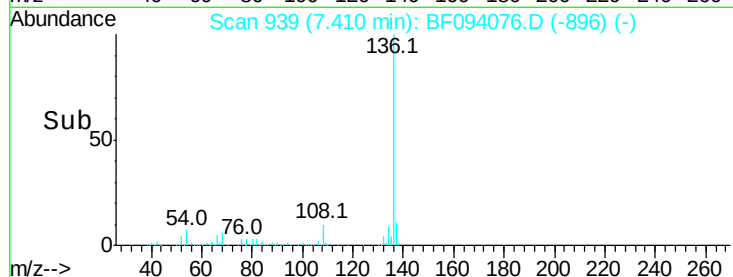
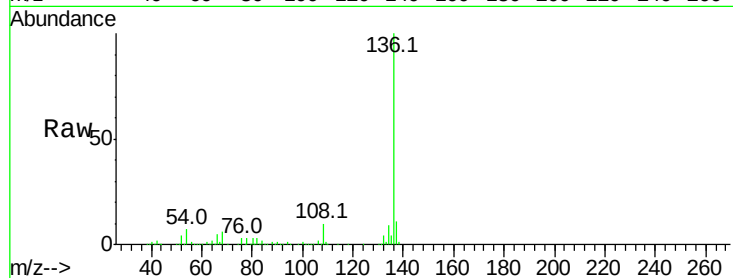




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.41 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF094076.D
Acq: 30 Mar 2017 23:38

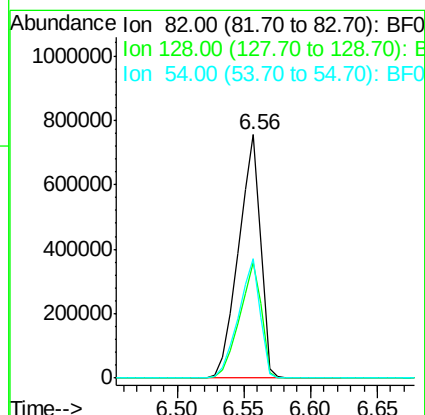
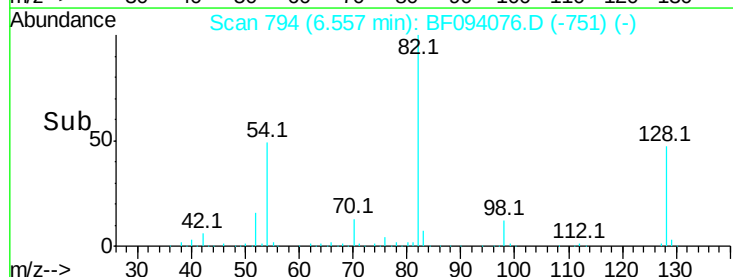
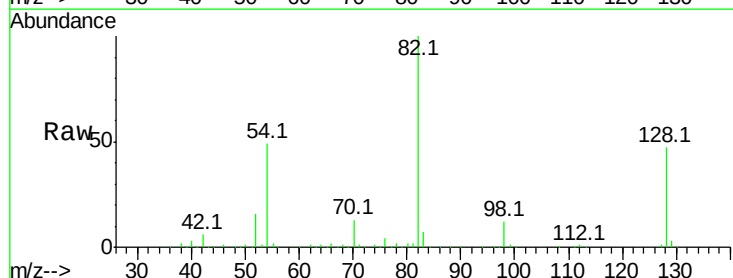
Instrument :
BNA_F
ClientSampleId :
SW-3(6.5-7)

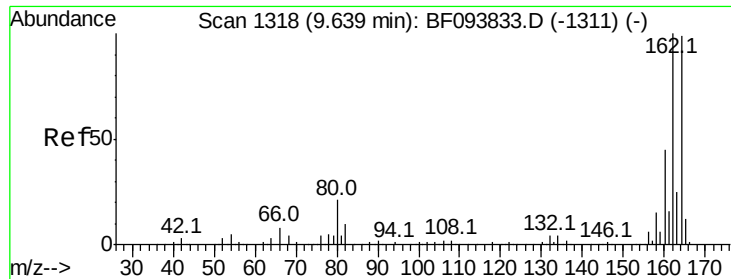
Tot Ion:	136	Resp:	773562
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.5	4.9	7.3#
68	5.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 64.15 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.05 min
Lab File: BF094076.D
Acq: 30 Mar 2017 23:38

Tgt Ion:	82	Resp:	869616
Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	48.9	42.2	63.2

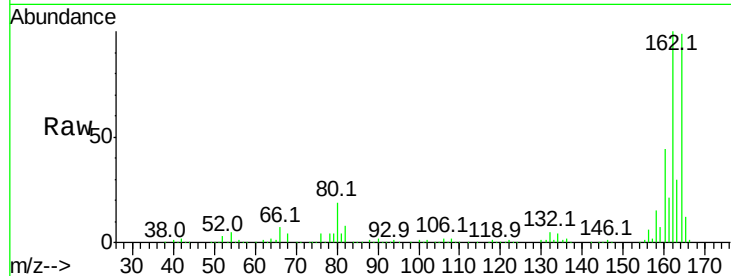




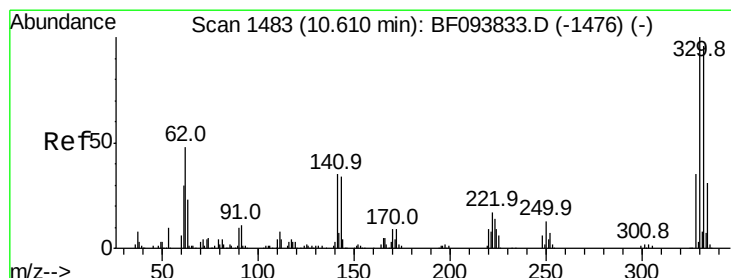
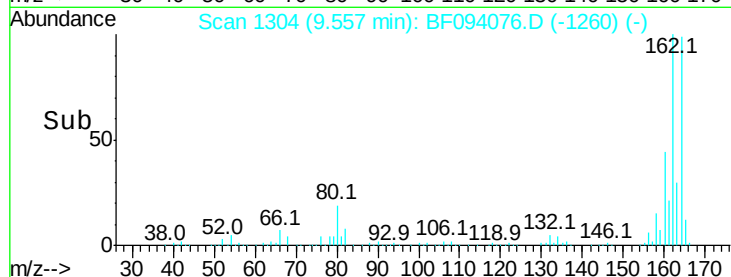
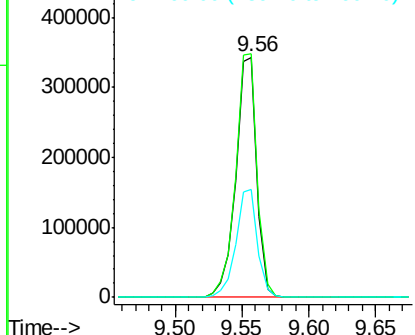
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Tot Ion:164 Resp: 377678
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 45.0 36.2 54.2

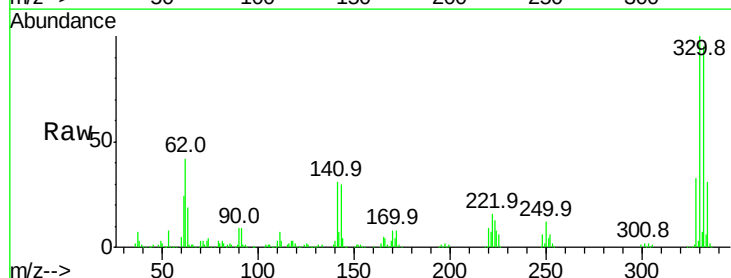


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

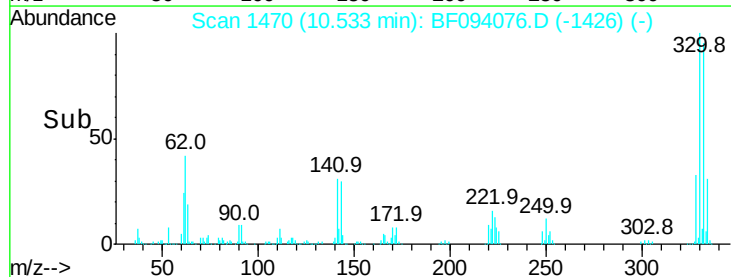
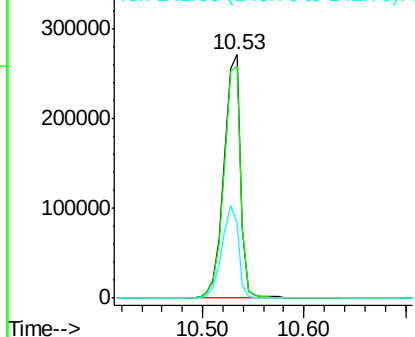


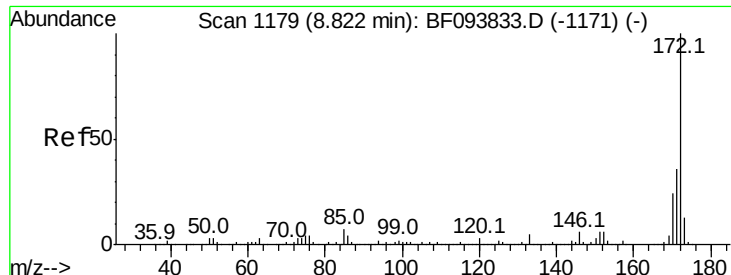
#41
 2,4,6-Tribromophenol
 Concen: 103.23 ng
 RT: 10.53 min Scan# 1470
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Tgt Ion:330 Resp: 308092
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.7 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



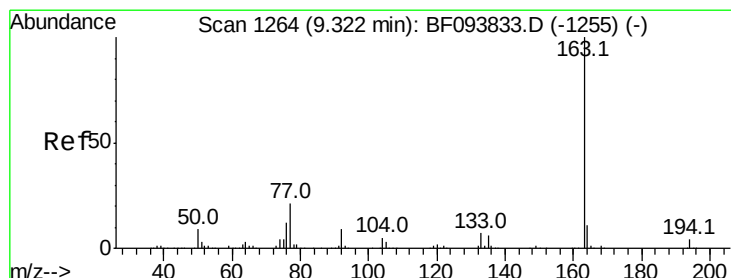
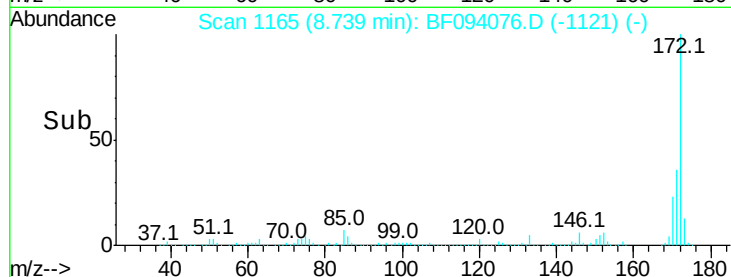
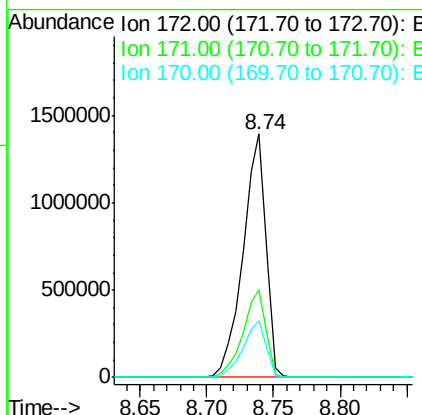
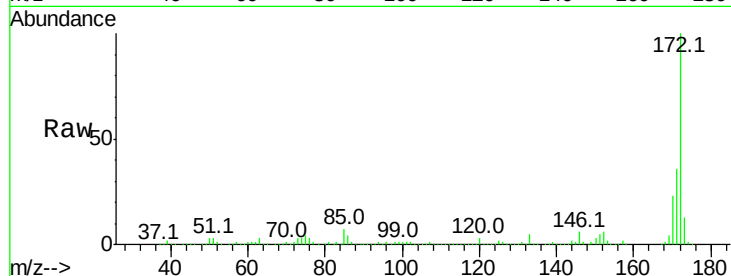


#44
 2-Fluorobiphenyl
 Concen: 66.38 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Tot Ion:172 Resp: 1643750

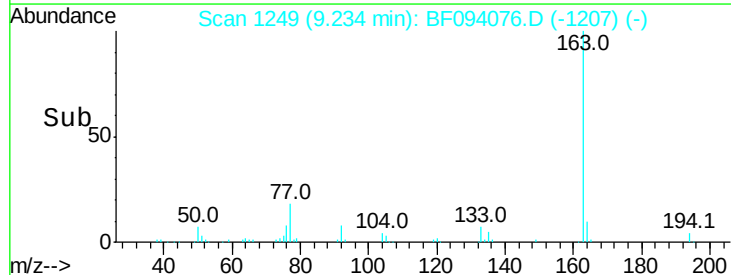
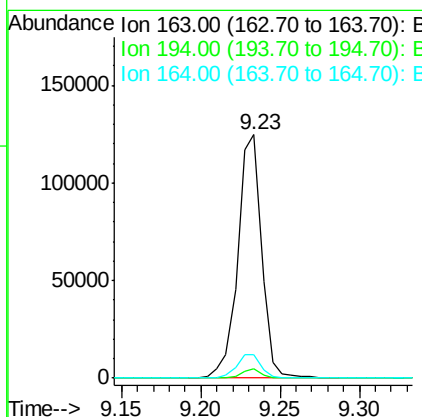
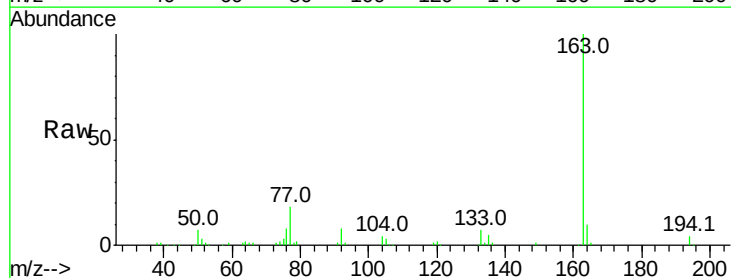
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8

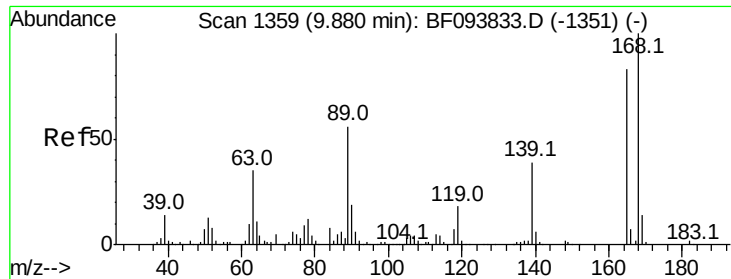


#49
 Dimethylphthalate
 Concen: 4.82 ng
 RT: 9.23 min Scan# 1249
 Delta R.T. -0.05 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Tgt Ion:163 Resp: 129444

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	9.9	8.4	12.6

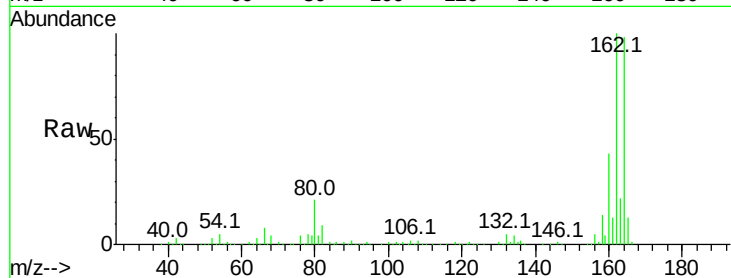




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.55 min Scan# 1303
 Delta R.T. -0.29 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

Instrument :
 BNA_F
 ClientSampleId :
 SW-3(6.5-7)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

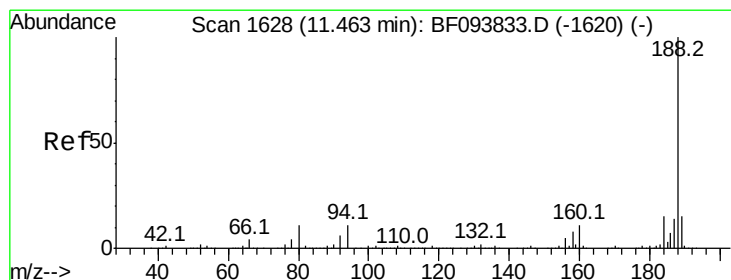
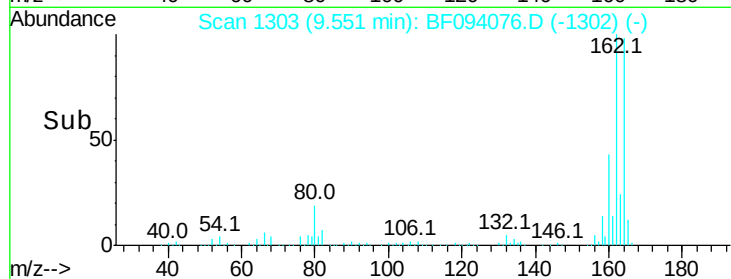
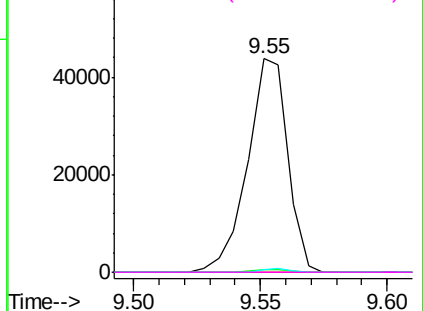


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

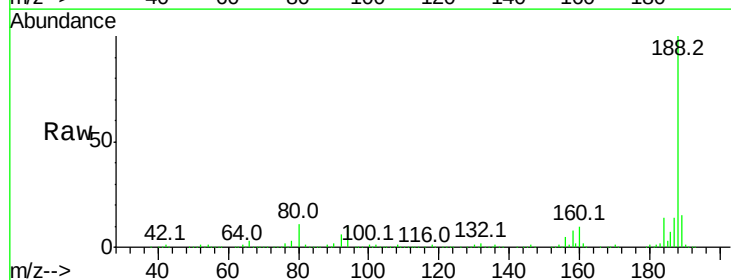
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094076.D
 Acq: 30 Mar 2017 23:38

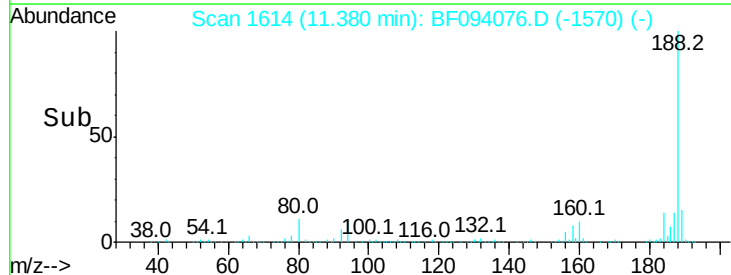
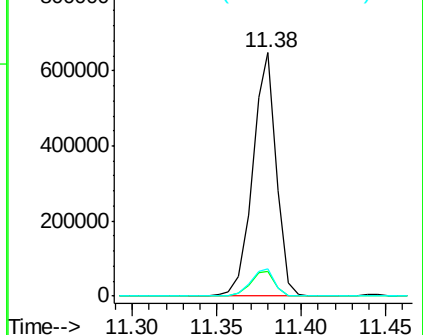
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.0	10.2	15.2

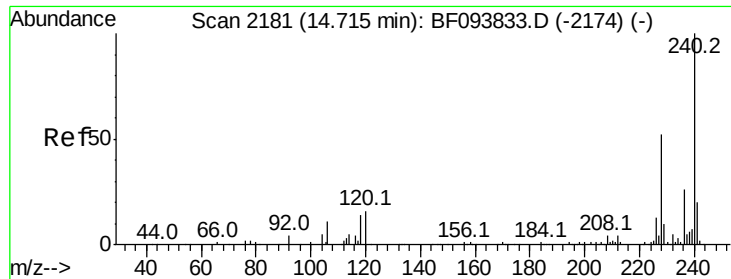


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.63 min Scan# 2166

Delta R.T. -0.05 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

Instrument :

BNA_F

ClientSampleId :

SW-3(6.5-7)

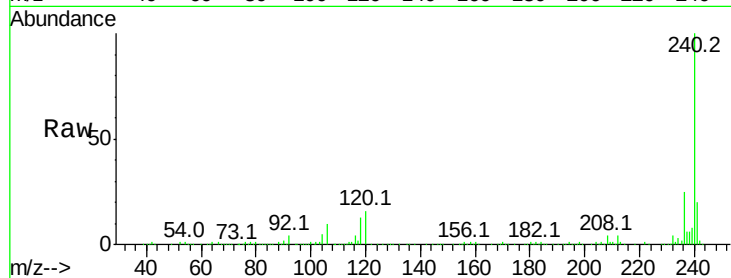
Tot Ion:240 Resp: 438628

Ion Ratio Lower Upper

240 100

120 16.2 5.8 8.8#

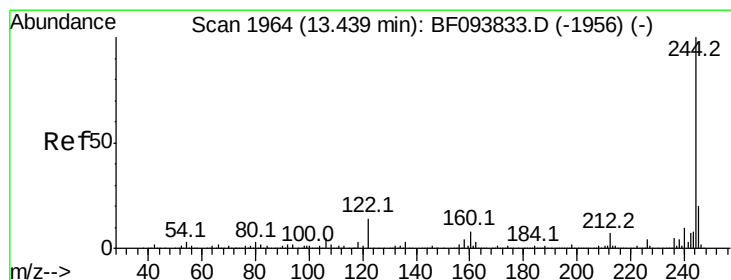
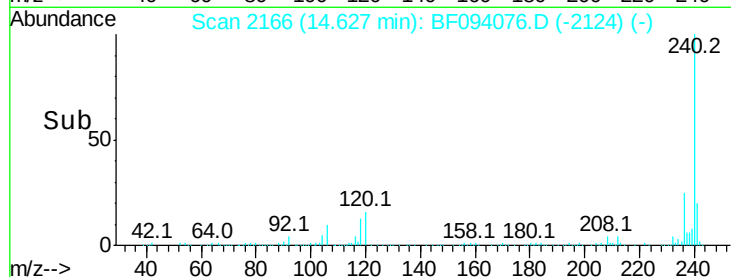
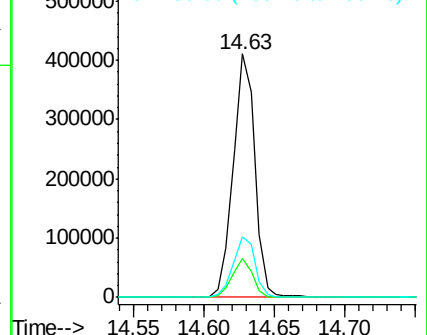
236 25.1 20.5 30.7



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: 62.10 ng

RT: 13.36 min Scan# 1950

Delta R.T. -0.05 min

Lab File: BF094076.D

Acq: 30 Mar 2017 23:38

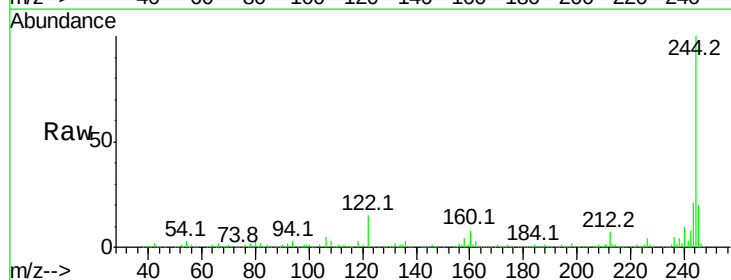
Tgt Ion:244 Resp: 1215143

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

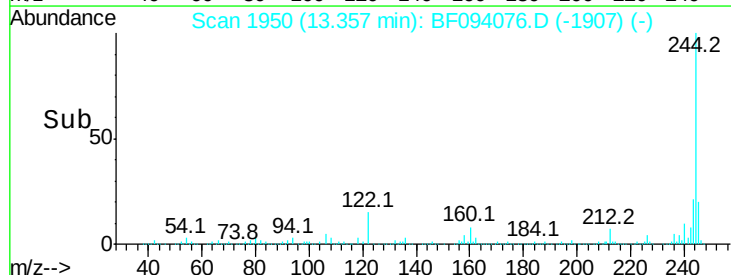
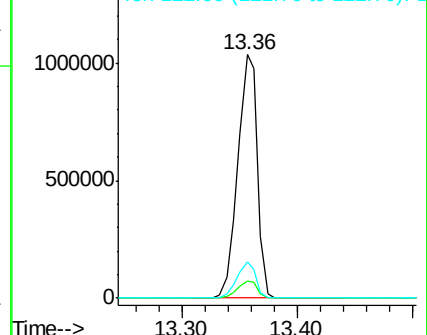
122 14.6 10.3 15.5

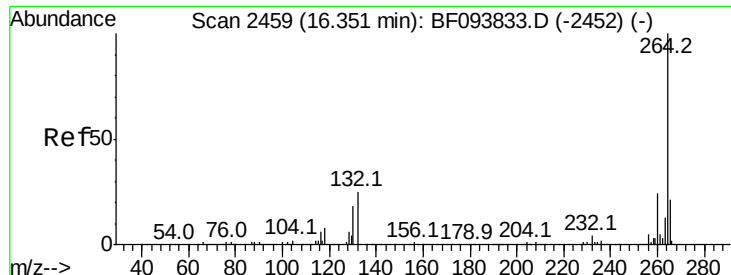


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

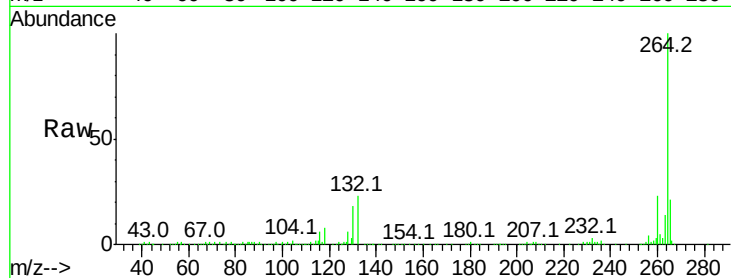




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094076.D
Acq: 30 Mar 2017 23:38

Instrument :
BNA_F
ClientSampleId :
SW-3(6.5-7)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.9	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

