

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094085.D
 Acq On : 31 Mar 2017 3:46
 Operator : SJ/MA
 Sample : I2417-06 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(1.5-2)

Quant Time: Mar 31 04:08:13 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

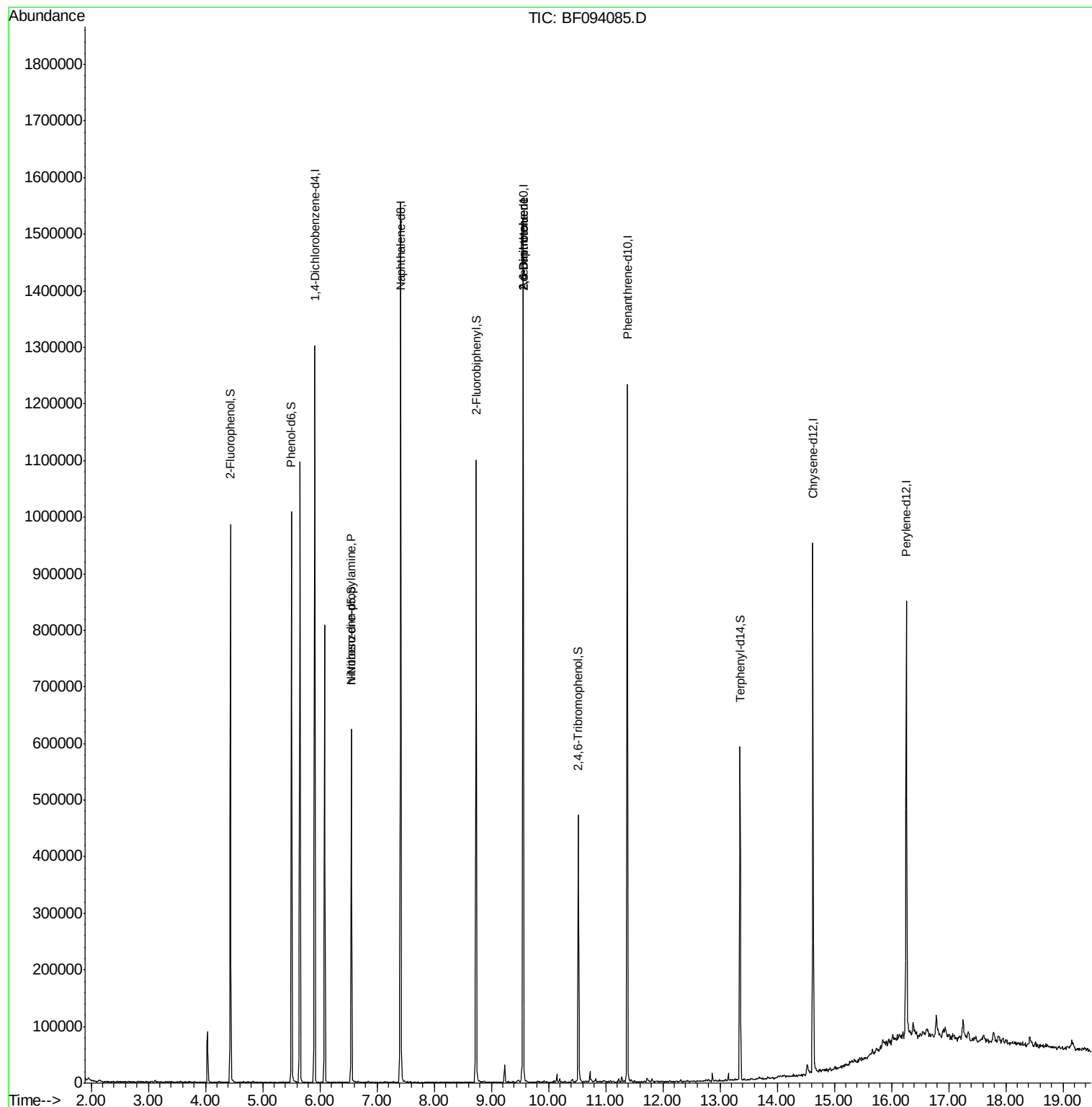
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	207691	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	811841	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	333140	20.00	ng	-0.04
63) Phenanthrene-d10	11.38	188	509282	20.00	ng	-0.04
75) Chrysene-d12	14.63	240	360701	20.00	ng	-0.05
86) Perylene-d12	16.26	264	319419	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	280424	22.80	ng	-0.04
7) Phenol-d6	5.50	99	343742	22.60	ng	-0.05
23) Nitrobenzene-d5	6.55	82	201801	14.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.52	330	55135	20.94	ng	-0.05
44) 2-Fluorobiphenyl	8.73	172	359381	16.45	ng	-0.05
78) Terphenyl-d14	13.35	244	189938	11.80	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.55	70	25546	2.61	ng	# 79
50) 2,6-Dinitrotoluene	9.56	165	41922	7.72	ng	# 34
56) 2,4-Dinitrotoluene	9.56	165	41922	6.15	ng	# 33

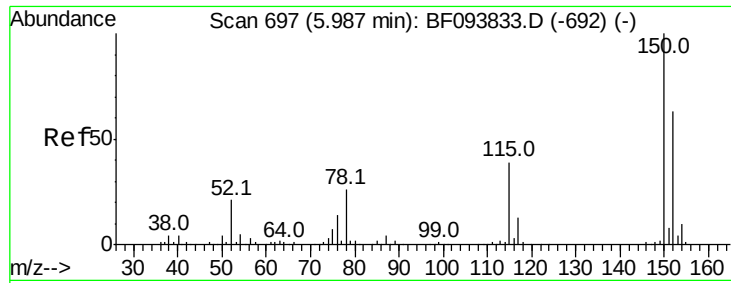
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF094085.D

Acq: 31 Mar 2017 3:46

Instrument :

BNA_F

ClientSampleId :

SW-2(1.5-2)

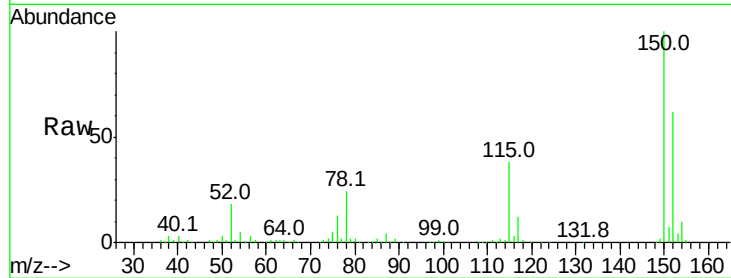
Tot Ion:152 Resp: 207691

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

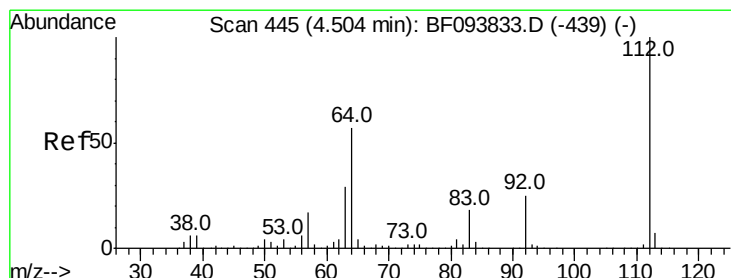
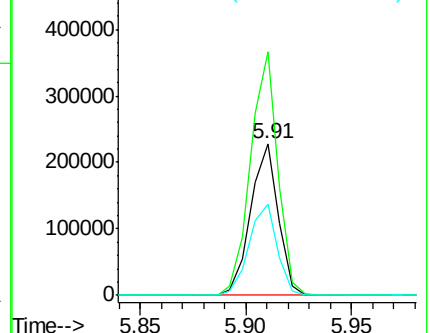
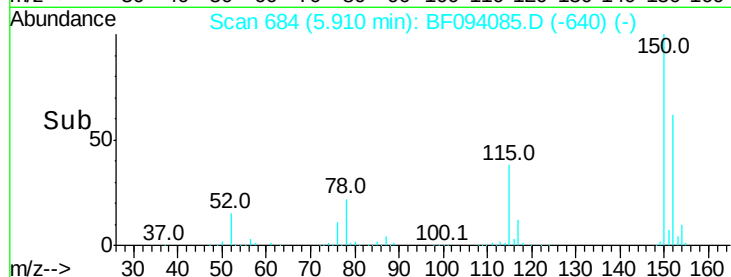
115 60.5 52.2 78.2



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: 22.80 ng

RT: 4.43 min Scan# 433

Delta R.T. -0.04 min

Lab File: BF094085.D

Acq: 31 Mar 2017 3:46

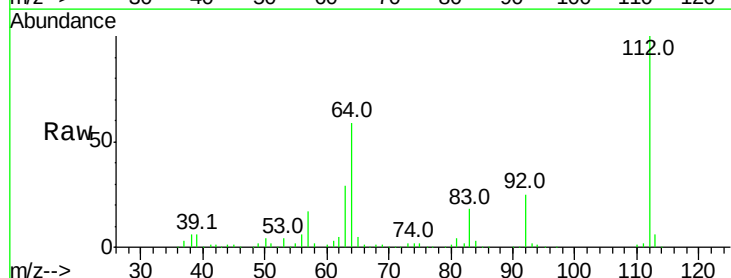
Tgt Ion:112 Resp: 280424

Ion Ratio Lower Upper

112 100

64 59.3 46.0 69.0

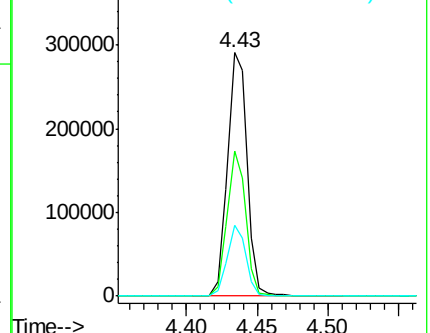
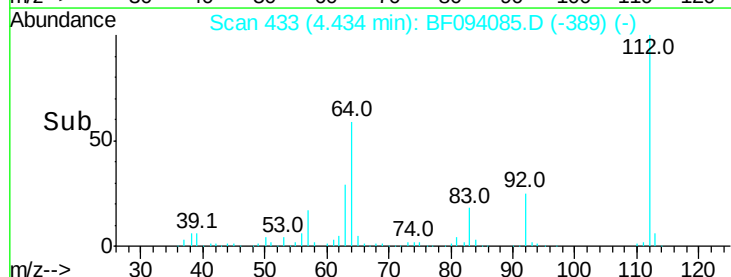
63 29.0 23.4 35.0

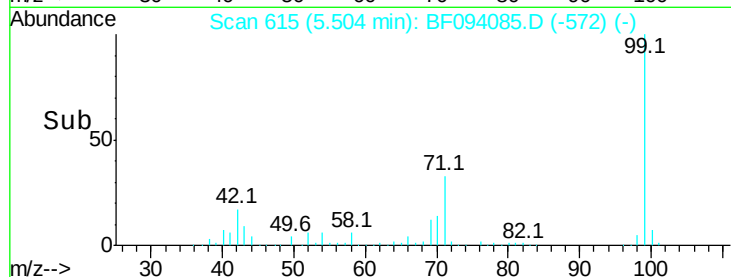
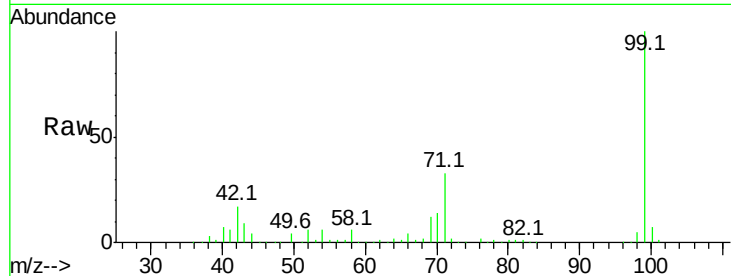
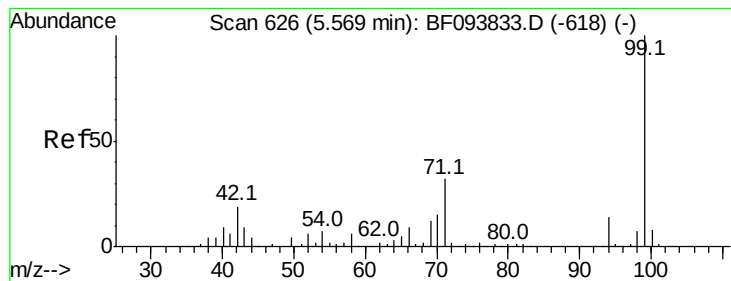


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 22.60 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.05 min

Lab File: BF094085.D

Acq: 31 Mar 2017 3:46

Instrument :

BNA_F

ClientSampleId :

SW-2(1.5-2)

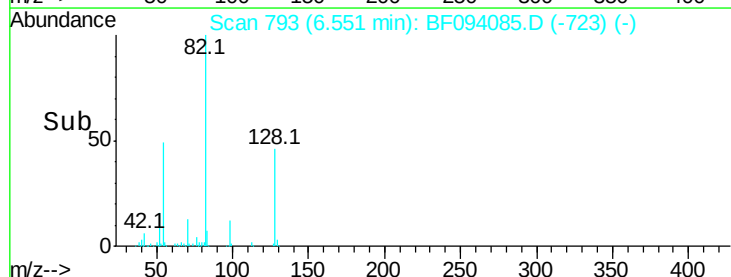
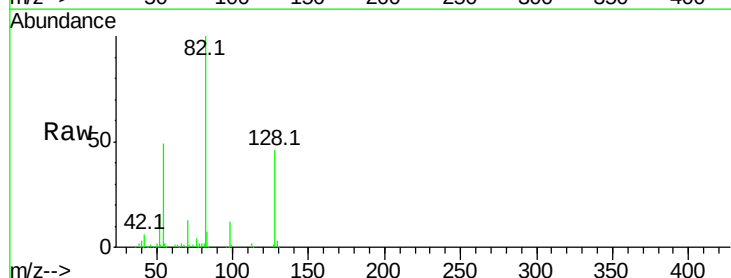
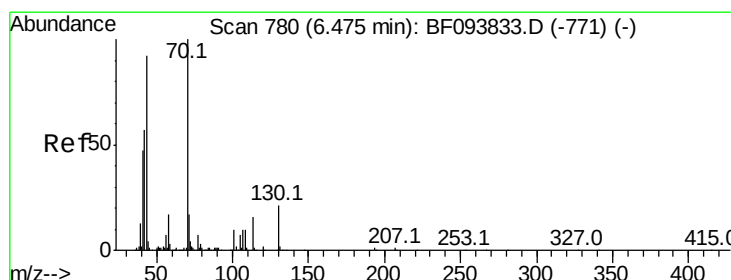
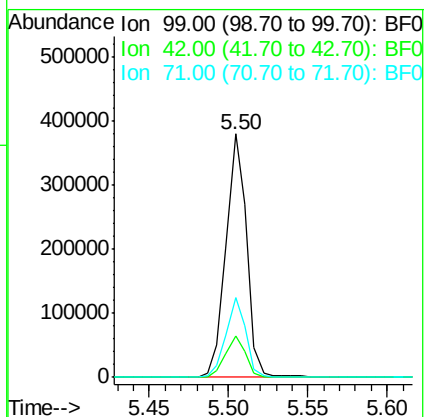
Tot Ion: 99 Resp: 343742

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 32.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.61 ng

RT: 6.55 min Scan# 793

Delta R.T. 0.11 min

Lab File: BF094085.D

Acq: 31 Mar 2017 3:46

Tgt Ion: 70 Resp: 25546

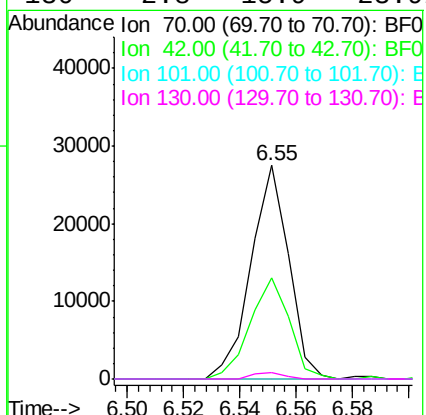
Ion Ratio Lower Upper

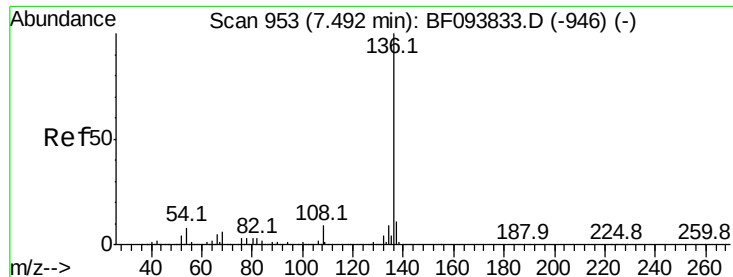
70 100

42 47.4 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

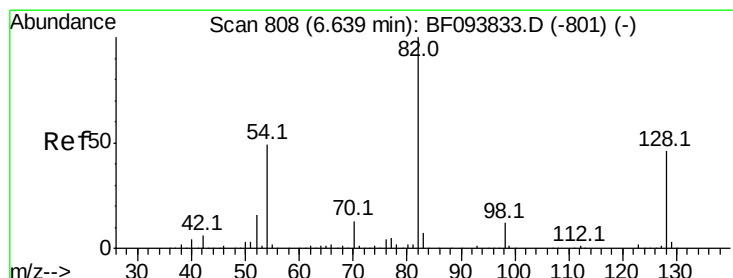
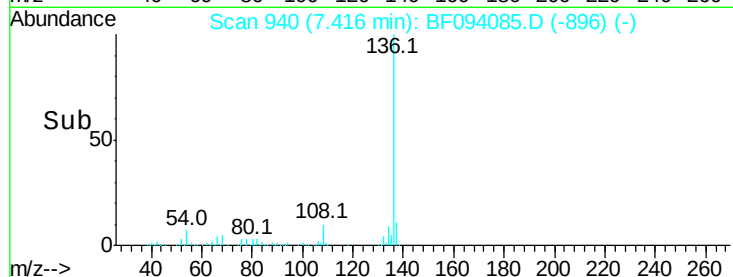
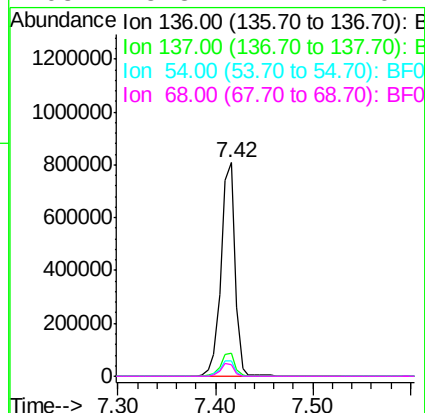
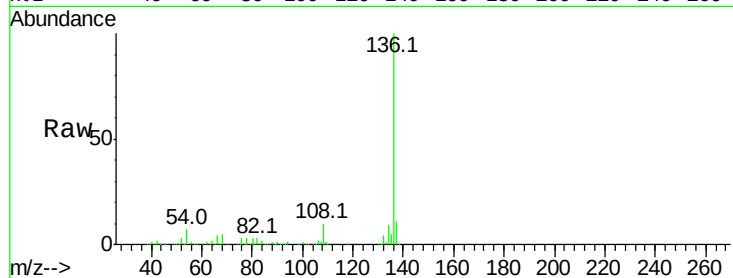




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094085.D
Acq: 31 Mar 2017 3:46

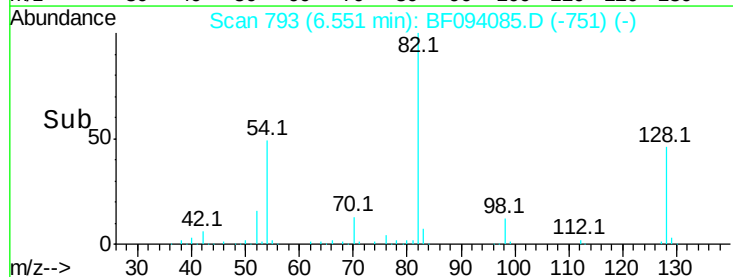
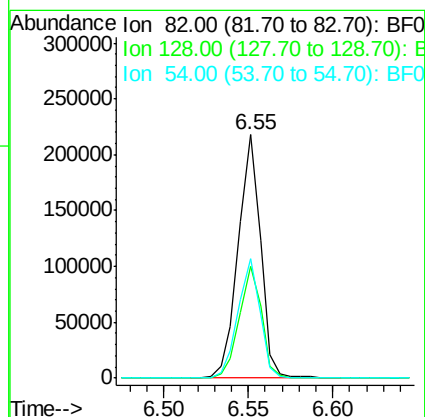
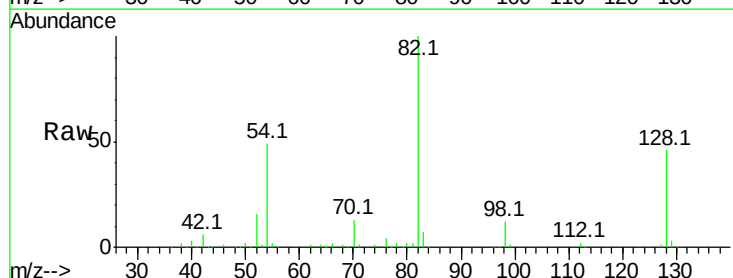
Instrument :
BNA_F
ClientSampleId :
SW-2(1.5-2)

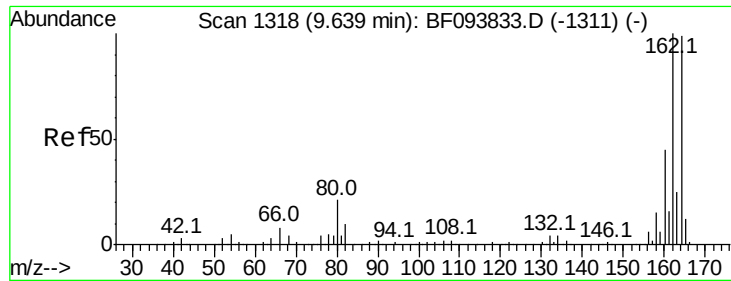
Tot Ion:	136	Resp:	811841
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.0	4.9	7.3
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 14.19 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.05 min
Lab File: BF094085.D
Acq: 31 Mar 2017 3:46

Tgt Ion:	82	Resp:	201801
Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	49.3	42.2	63.2

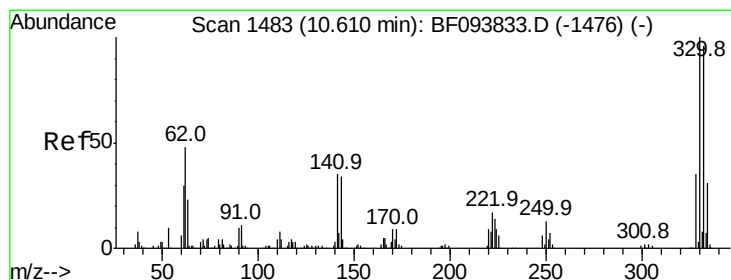
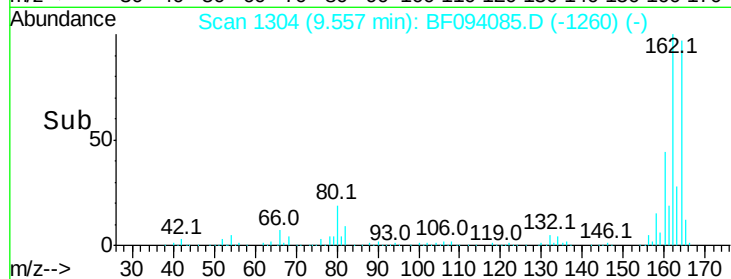
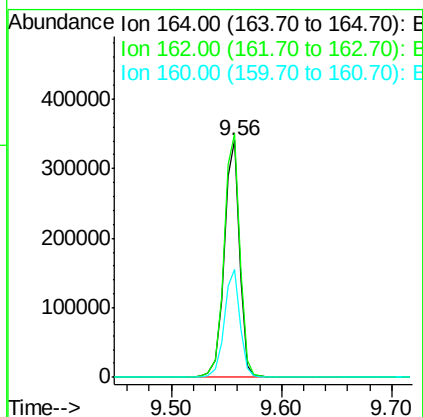
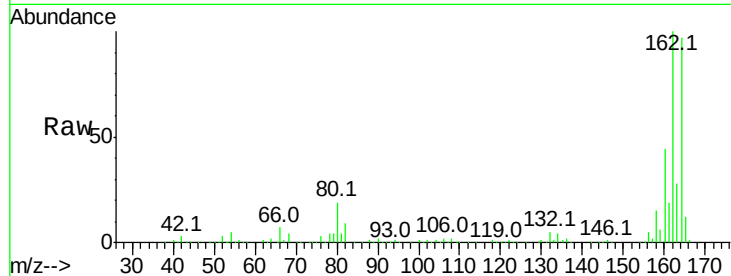




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.04 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

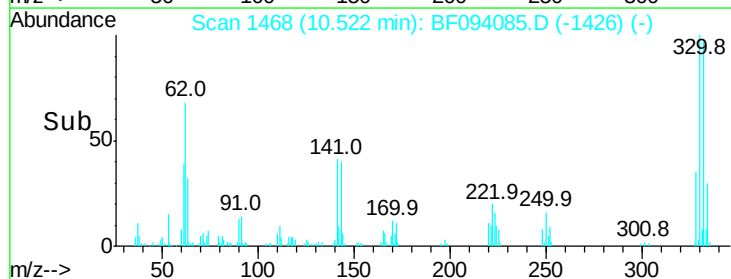
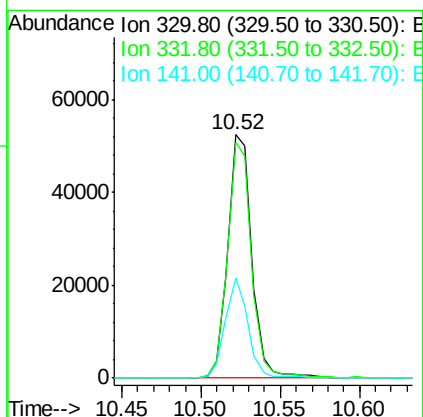
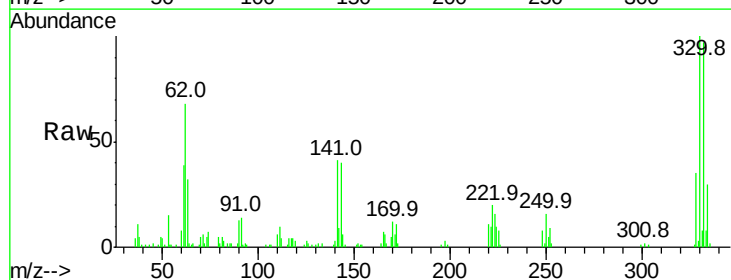
Instrument :
 BNA_F
 ClientSampleId :
 SW-2(1.5-2)

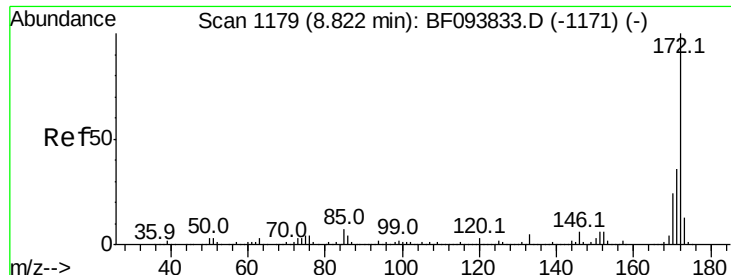
Tot Ion:164 Resp: 333140
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 45.5 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 20.94 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.05 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Tgt Ion:330 Resp: 55135
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.1 31.4 47.2

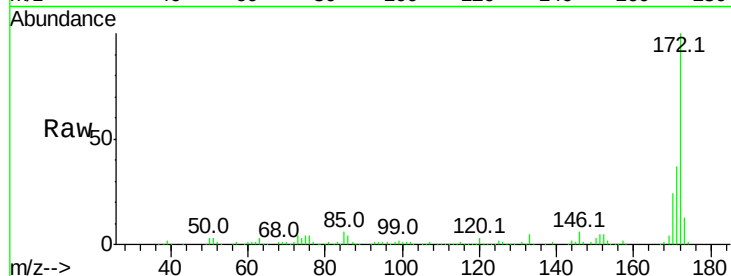




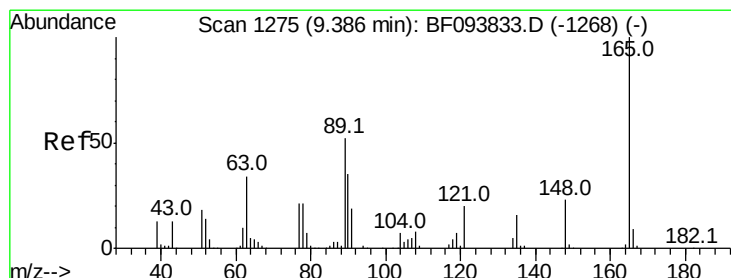
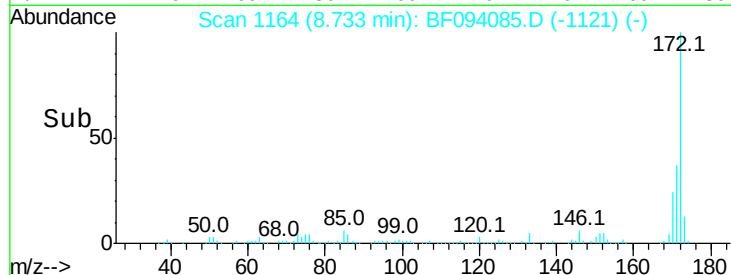
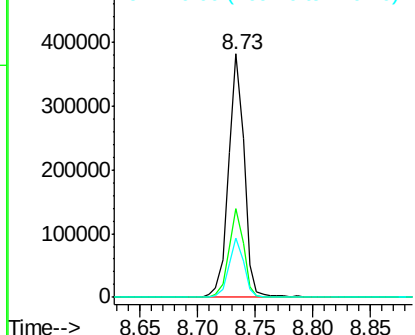
#44
 2-Fluorobiphenyl
 Concen: 16.45 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.05 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(1.5-2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8

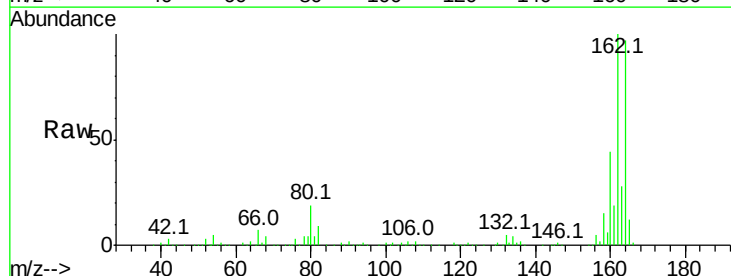


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

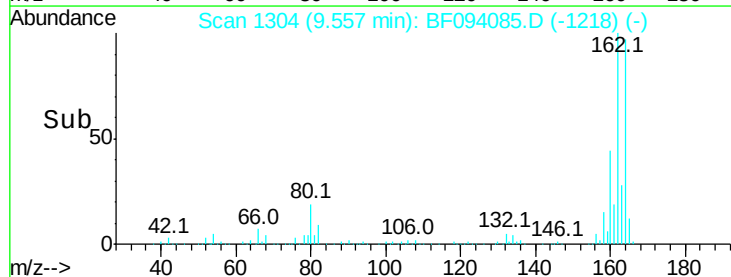
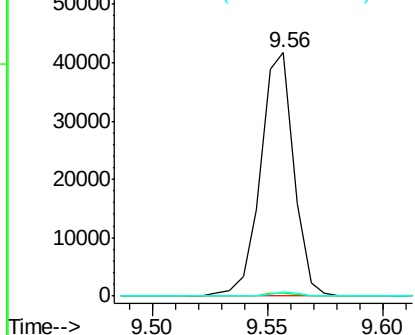


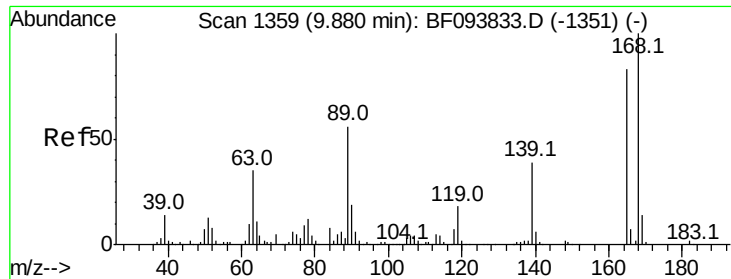
#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.6	37.1	55.7#



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

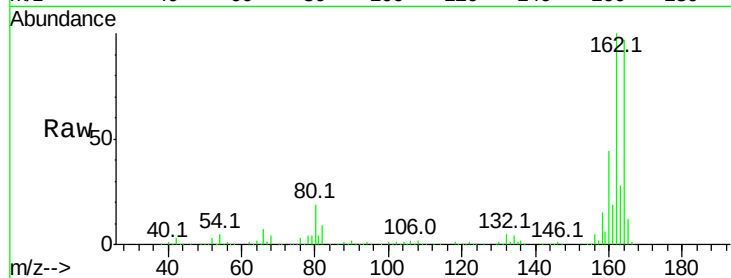




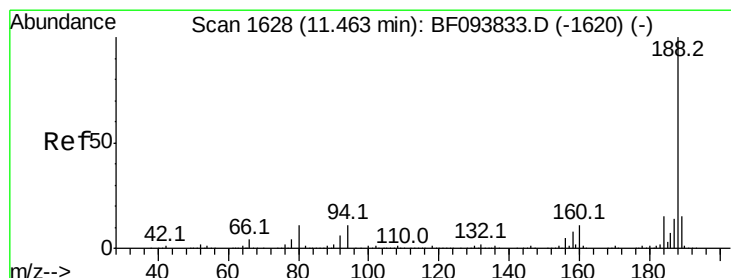
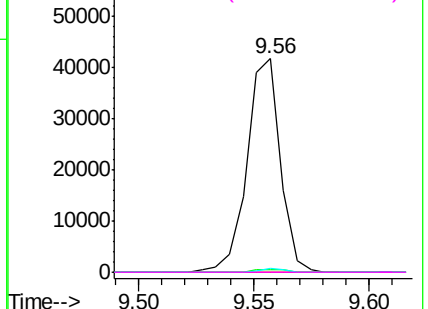
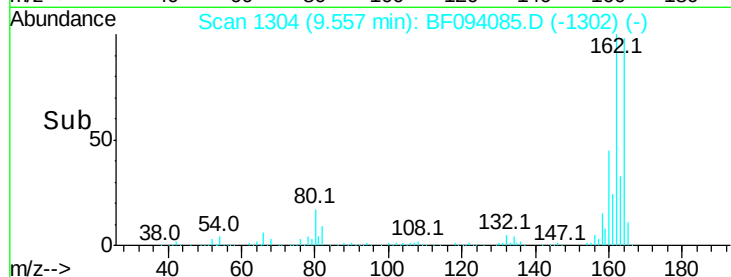
#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.56 min Scan# 1304
 Delta R.T. -0.29 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Instrument :
 BNA_F
 ClientSampleId :
 SW-2(1.5-2)

Tot Ion:165 Resp: 41922
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.6 46.4 69.6#
 182 0.0 1.8 2.6#

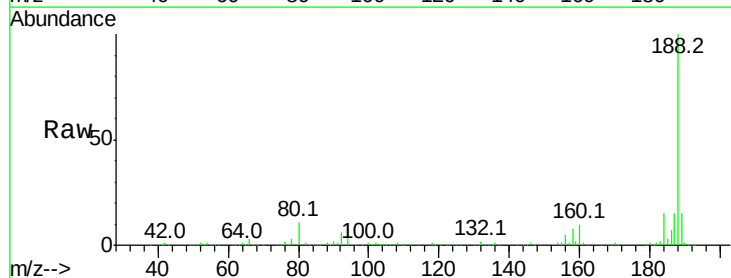


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

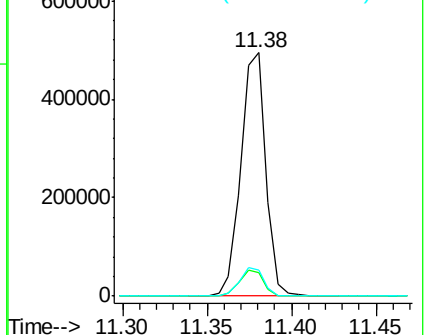
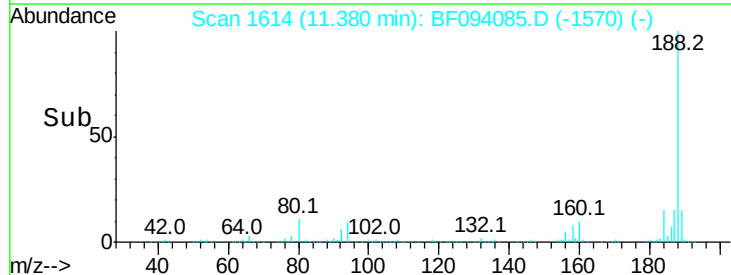


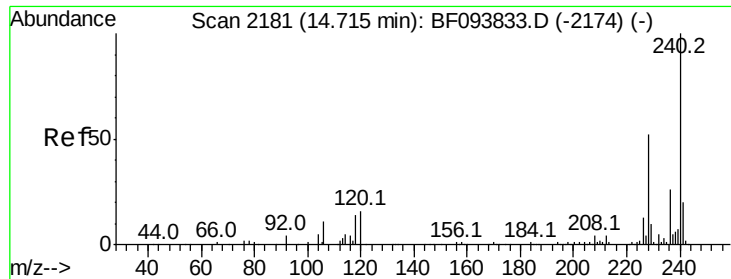
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.04 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Tgt Ion:188 Resp: 509282
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 10.6 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

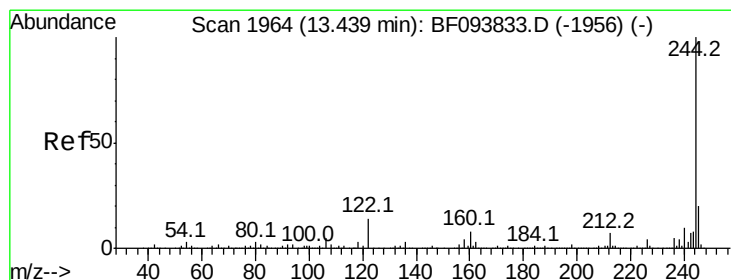
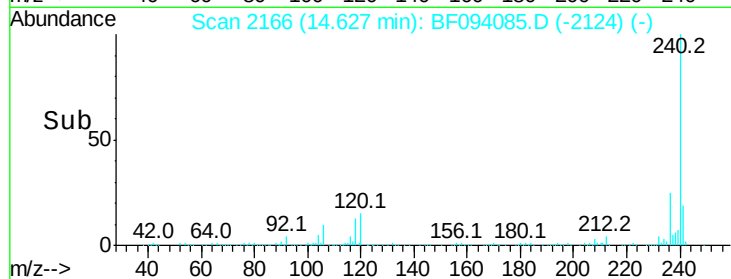
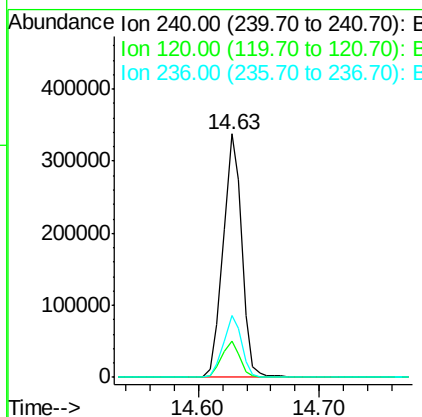
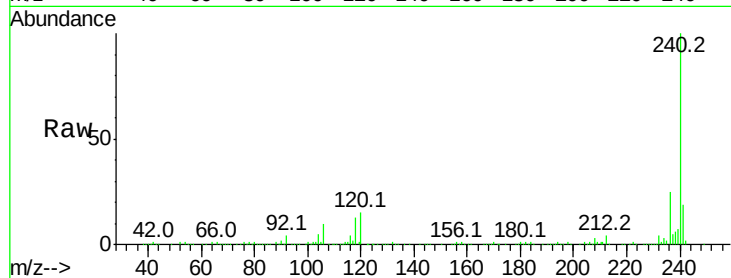




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.05 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

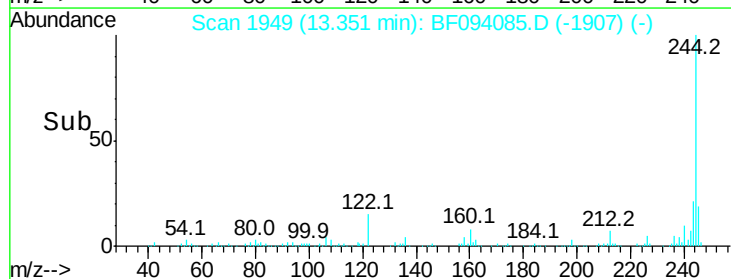
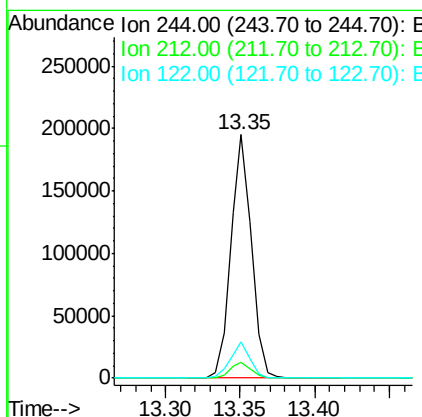
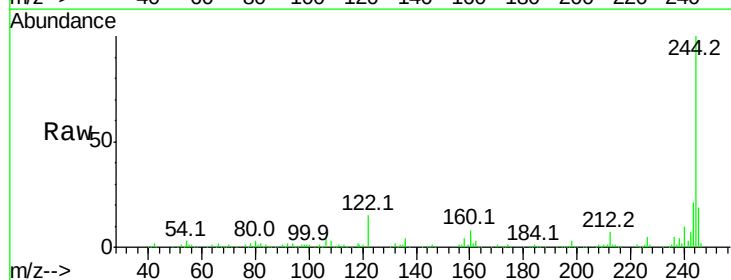
Instrument :
 BNA_F
 ClientSampleId :
 SW-2(1.5-2)

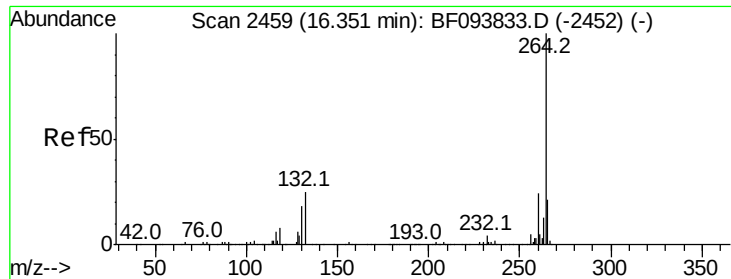
Tot Ion:240 Resp: 360701
 Ion Ratio Lower Upper
 240 100
 120 14.9 5.8 8.8#
 236 25.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 11.80 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.05 min
 Lab File: BF094085.D
 Acq: 31 Mar 2017 3:46

Tgt Ion:244 Resp: 189938
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.9 10.3 15.5

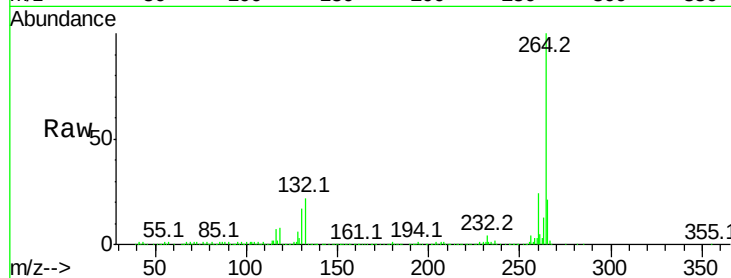




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 2444
Delta R.T. -0.05 min
Lab File: BF094085.D
Acq: 31 Mar 2017 3:46

Instrument :
BNA_F
ClientSampleId :
SW-2(1.5-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.4	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

