

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094021.D
 Acq On : 29 Mar 2017 16:32
 Operator : SJ/MA
 Sample : I2436-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 54C-9-11

Quant Time: Mar 30 01:08:07 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

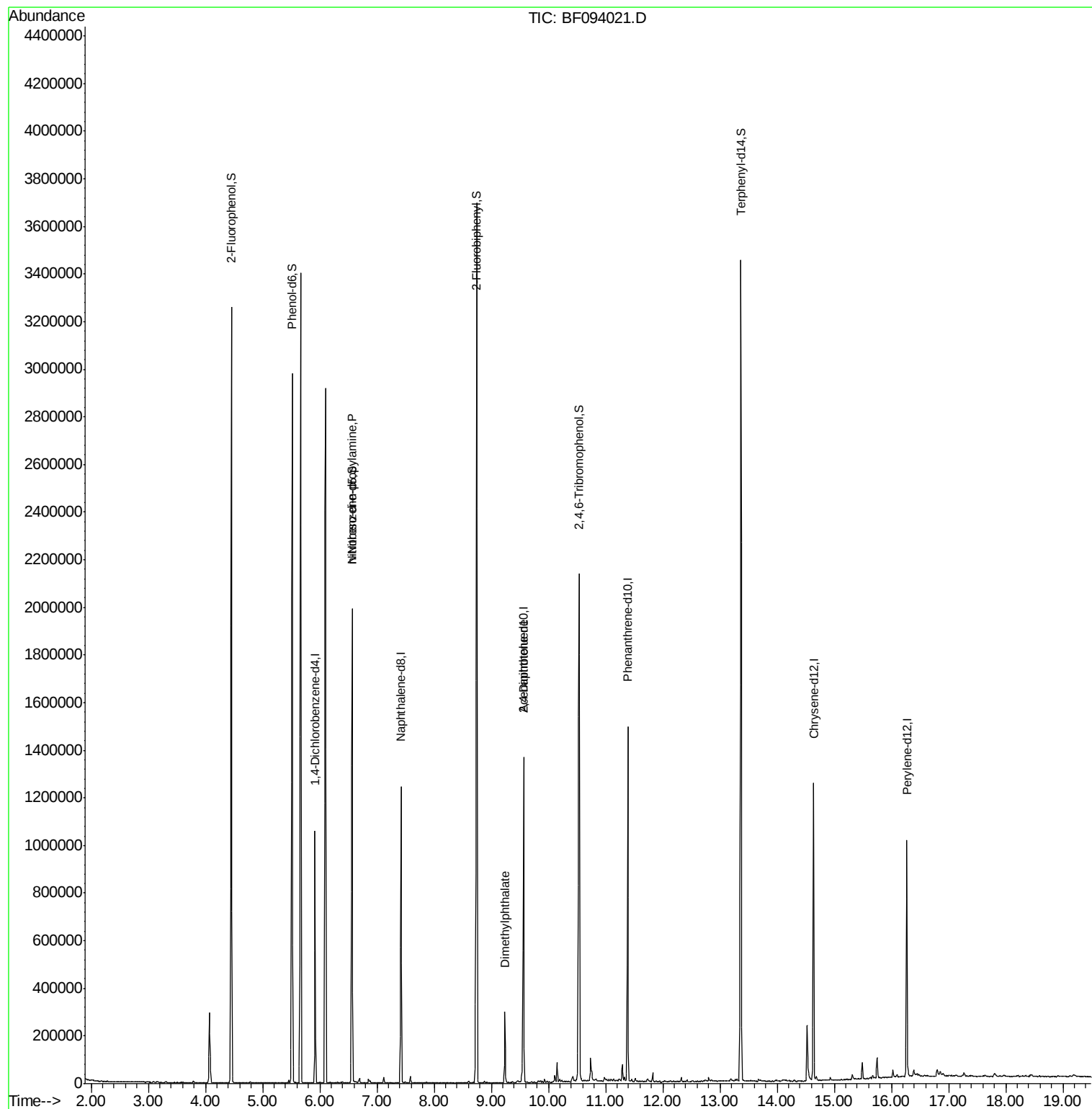
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	167869	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	678623	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	316762	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	582272	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	511871	20.00	ng	-0.04
86) Perylene-d12	16.27	264	391452	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1058069	106.46	ng	-0.02
7) Phenol-d6	5.52	99	1337962	108.82	ng	-0.03
23) Nitrobenzene-d5	6.57	82	843423	70.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	304914	121.81	ng	-0.04
44) 2-Fluorobiphenyl	8.75	172	1507860	72.61	ng	-0.04
78) Terphenyl-d14	13.37	244	1306721	57.22	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.57	70	111012	14.05	ng	# 77
49) Dimethylphthalate	9.24	163	129200	5.74	ng	97
56) 2,4-Dinitrotoluene	9.56	165	40829	6.30	ng	# 33

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

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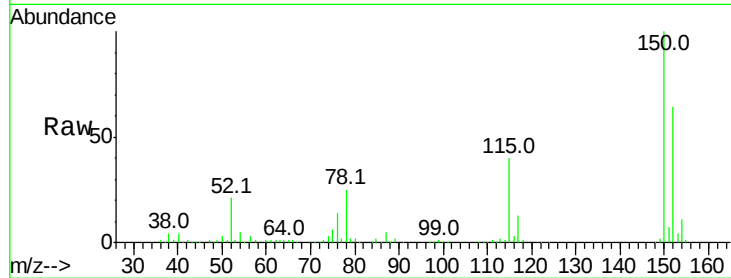


#1

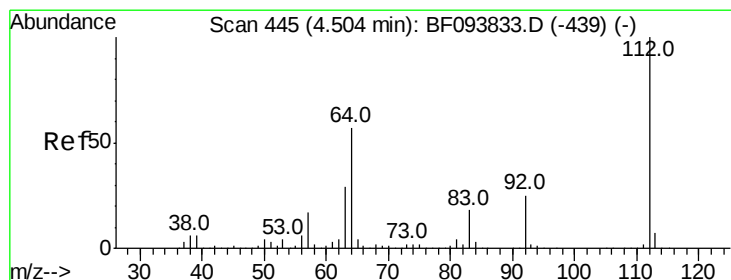
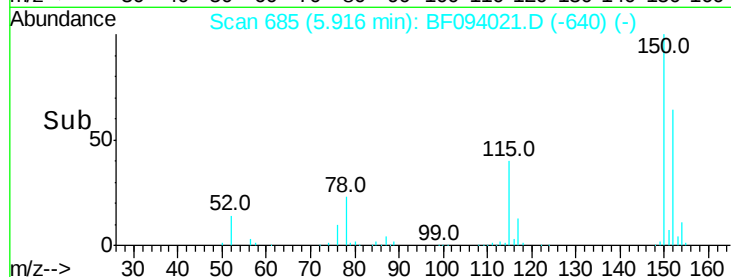
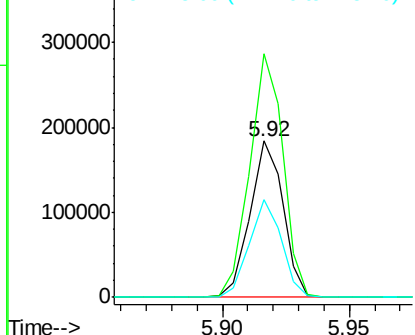
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.92 min Scan# 685
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 54C-9-11

Tot Ion:152 Resp: 167869
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 62.9 52.2 78.2



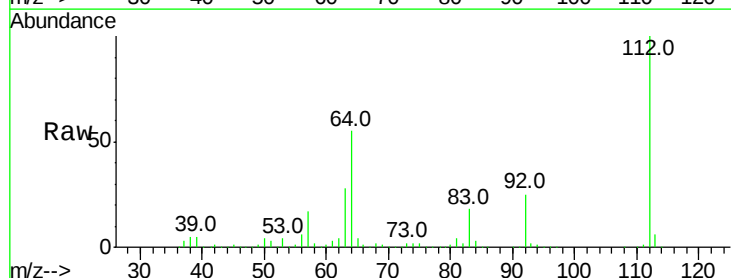
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



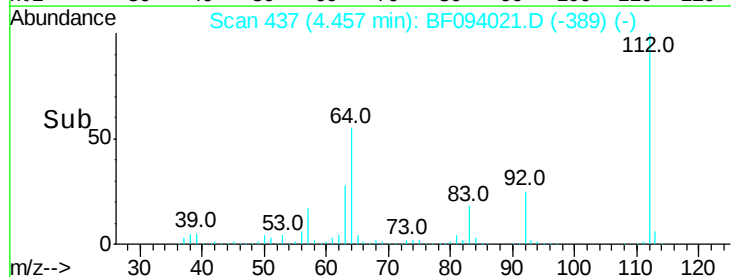
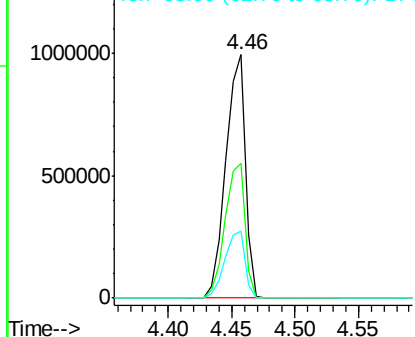
#5

2-Fluorophenol
 Concen: 106.46 ng
 RT: 4.46 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Tgt Ion:112 Resp: 1058069
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.0 69.0
 63 27.8 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: 108.82 ng

RT: 5.52 min Scan# 618

Delta R.T. -0.03 min

Lab File: BF094021.D

Acq: 29 Mar 2017 16:32

Instrument :

BNA_F

ClientSampleId :

54C-9-11

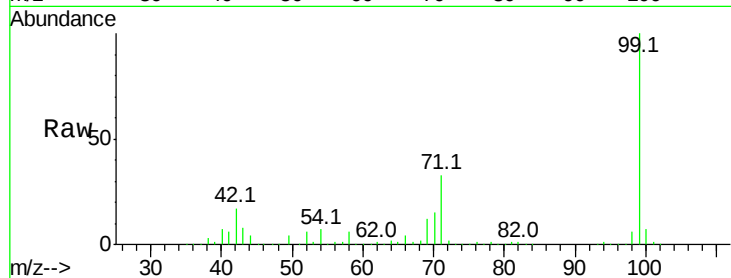
Tot Ion: 99 Resp: 1337962

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

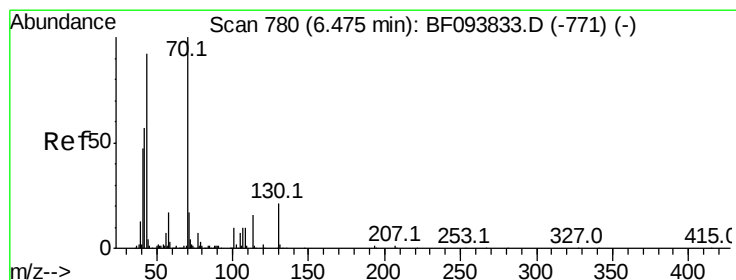
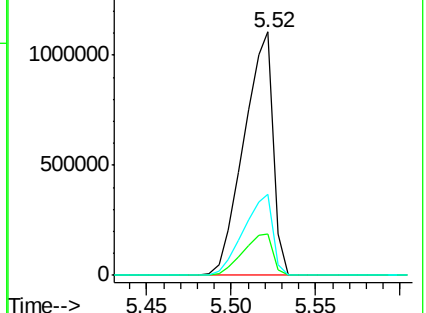
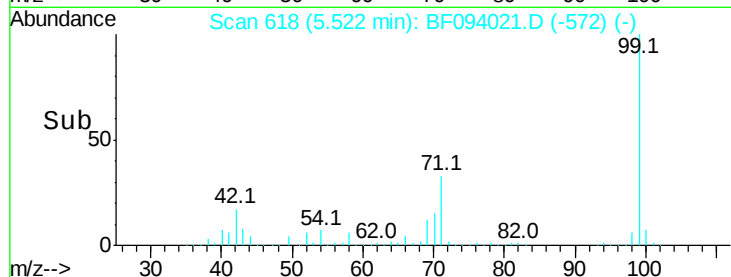
71 33.2 24.5 36.7



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: 14.05 ng

RT: 6.57 min Scan# 796

Delta R.T. 0.13 min

Lab File: BF094021.D

Acq: 29 Mar 2017 16:32

Tgt Ion: 70 Resp: 111012

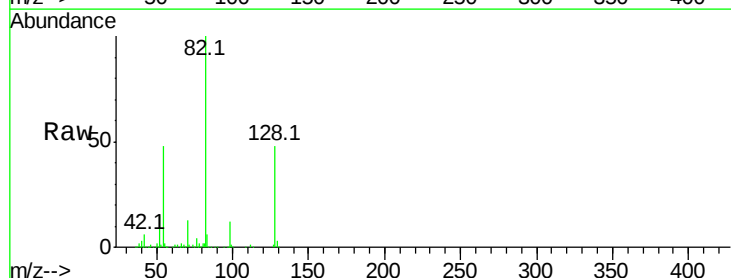
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

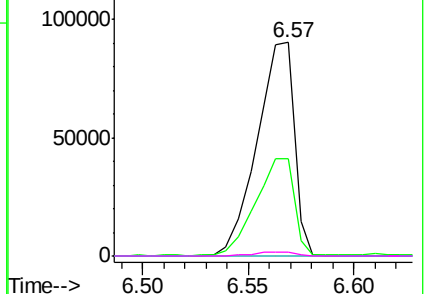
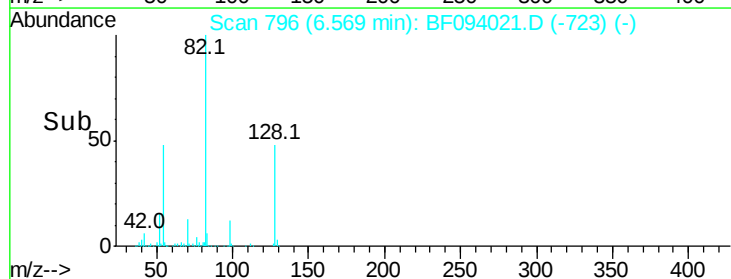


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094021.D

Acq: 29 Mar 2017 16:32

Instrument :

BNA_F

ClientSampleId :

54C-9-11

Tot Ion:136 Resp: 678623

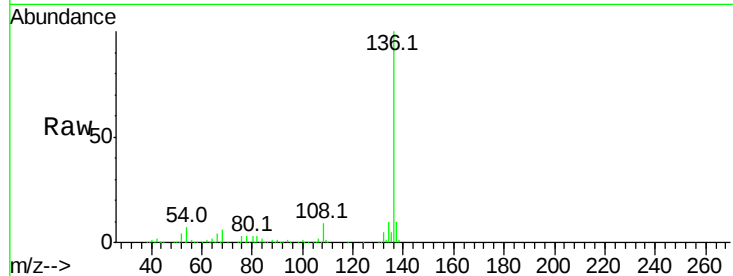
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

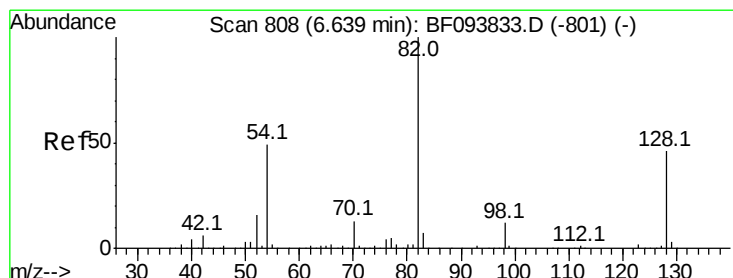
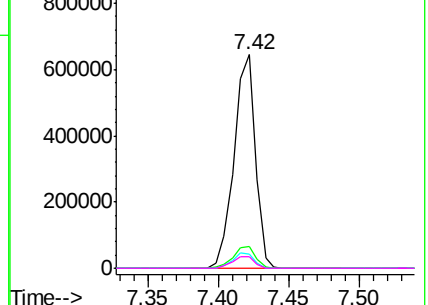
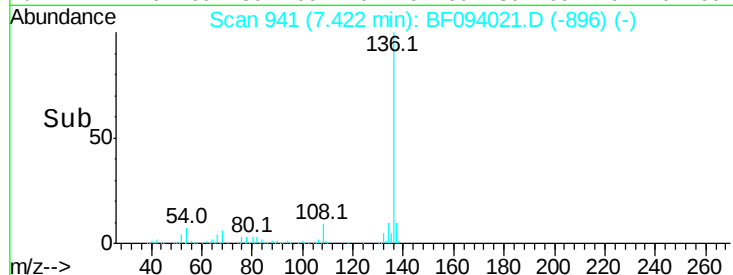


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.93 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.04 min

Lab File: BF094021.D

Acq: 29 Mar 2017 16:32

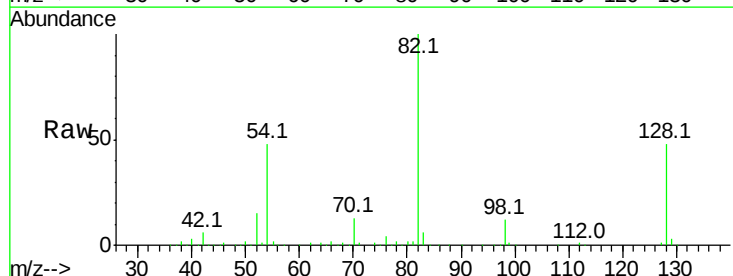
Tgt Ion: 82 Resp: 843423

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

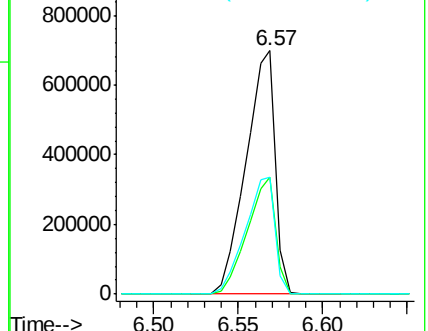
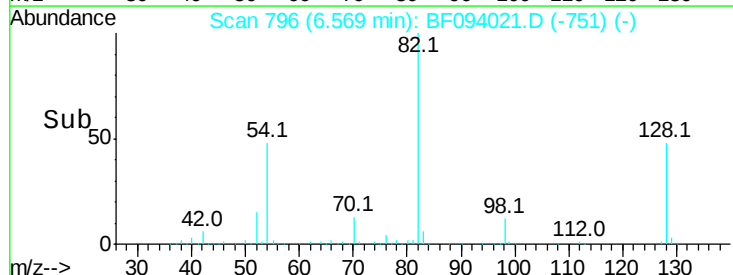
54 47.8 42.2 63.2



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

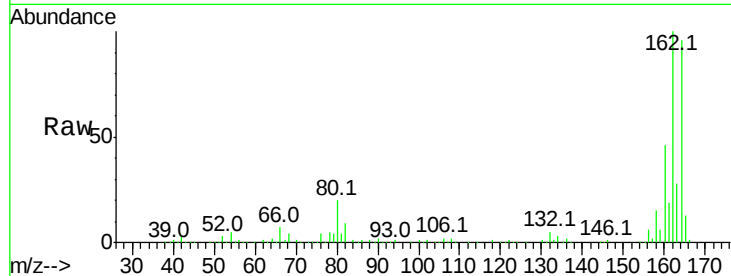




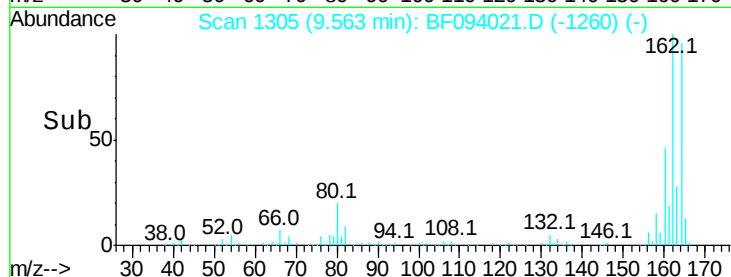
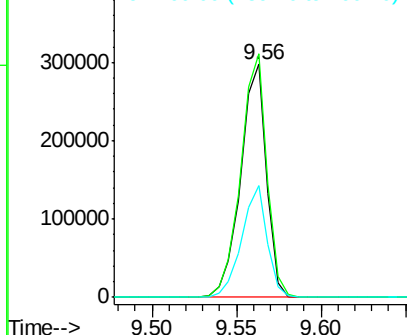
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094021.D
Acq: 29 Mar 2017 16:32

Instrument :
BNA_F
ClientSampleId :
54C-9-11

Tot Ion:164 Resp: 316762
Ion Ratio Lower Upper
164 100
162 104.4 82.6 123.8
160 47.9 36.2 54.2

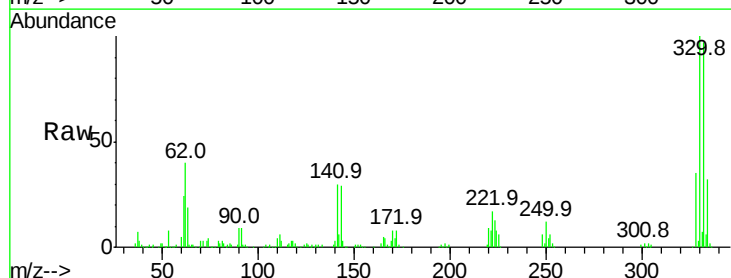


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

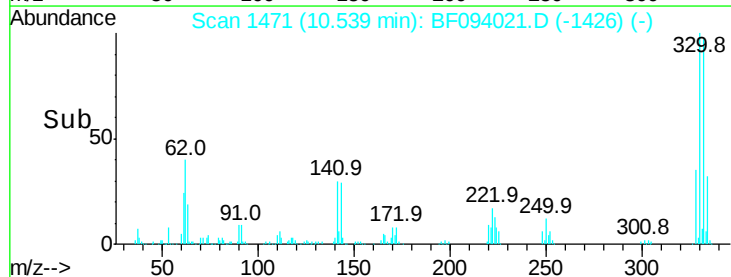
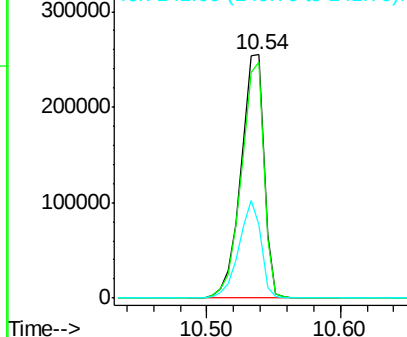


#41
2,4,6-Tribromophenol
Concen: 121.81 ng
RT: 10.54 min Scan# 1471
Delta R.T. -0.04 min
Lab File: BF094021.D
Acq: 29 Mar 2017 16:32

Tgt Ion:330 Resp: 304914
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 38.4 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

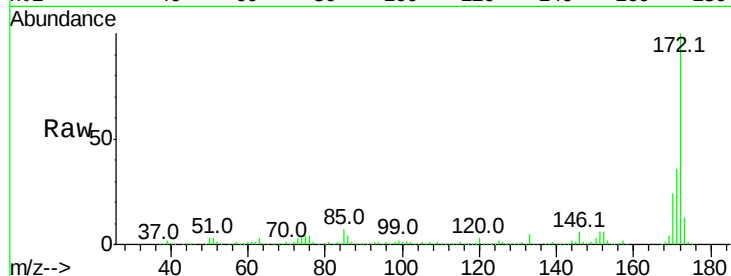




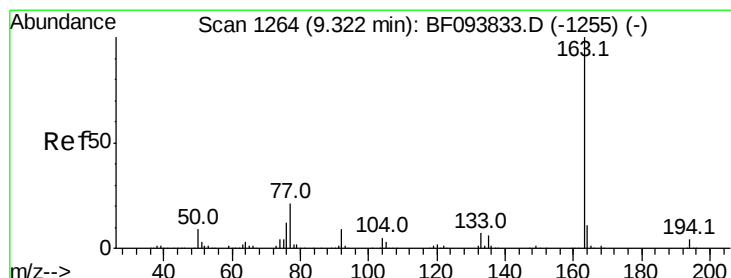
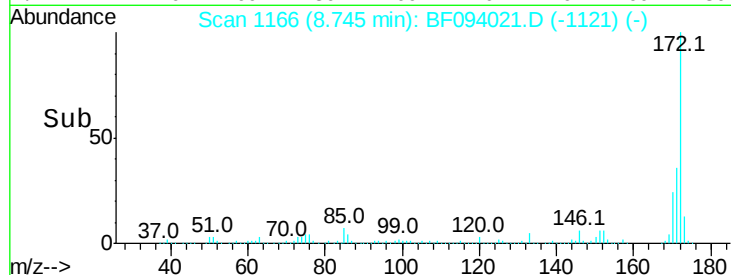
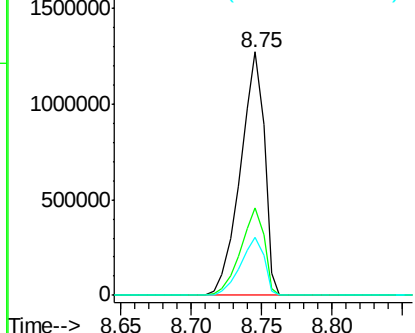
#44
2-Fluorobiphenyl
Concen: 72.61 ng
RT: 8.75 min Scan# 1166
Delta R.T. -0.04 min
Lab File: BF094021.D
Acq: 29 Mar 2017 16:32

Instrument :
BNA_F
ClientSampleId :
54C-9-11

Tot Ion:172 Resp: 1507860
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.0 19.8 29.8

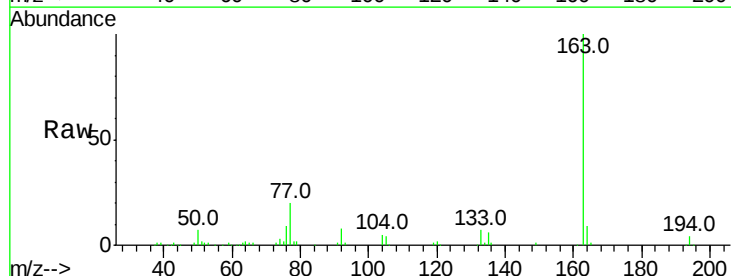


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

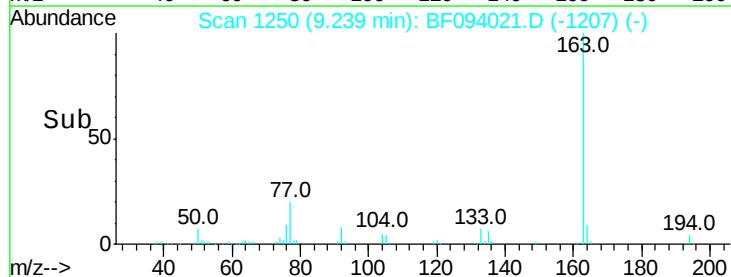
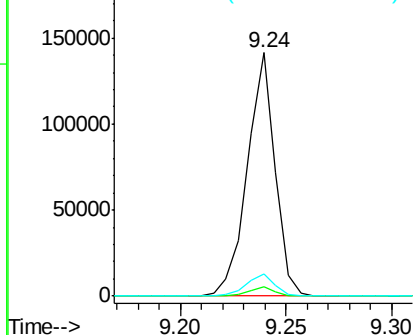


#49
Dimethylphthalate
Concen: 5.74 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BF094021.D
Acq: 29 Mar 2017 16:32

Tgt Ion:163 Resp: 129200
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.2 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

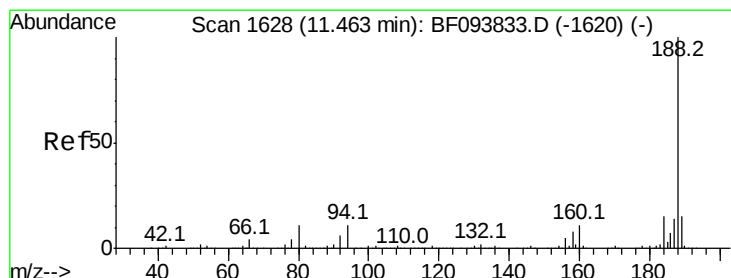
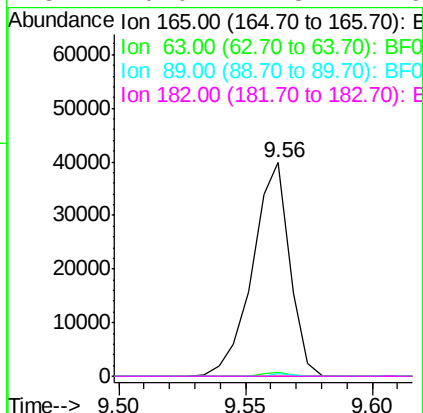
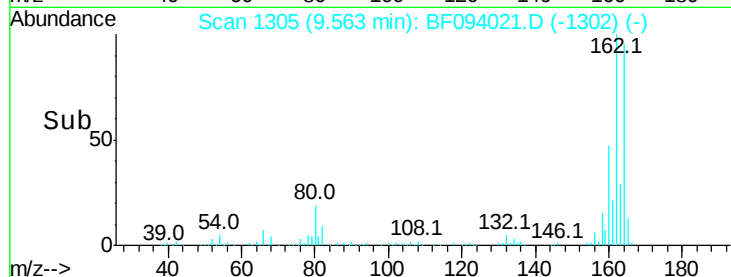
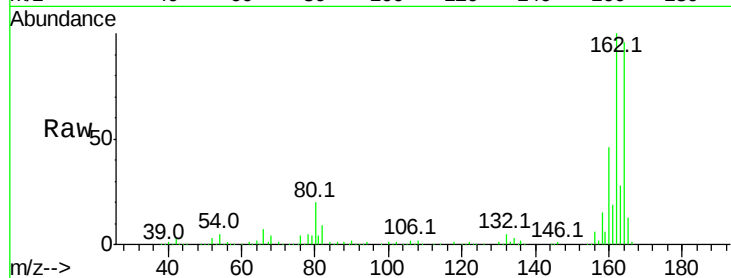




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.28 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

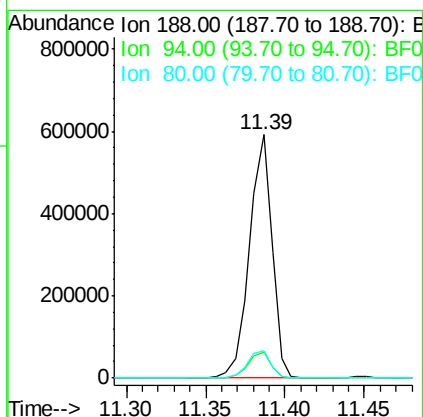
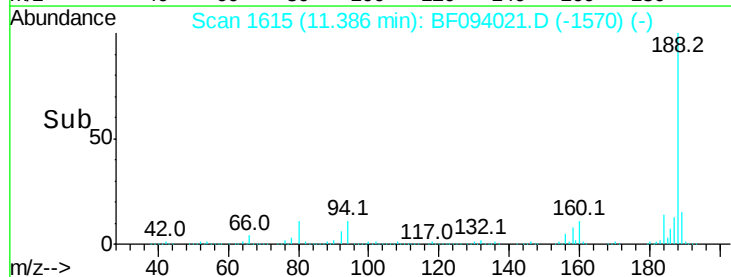
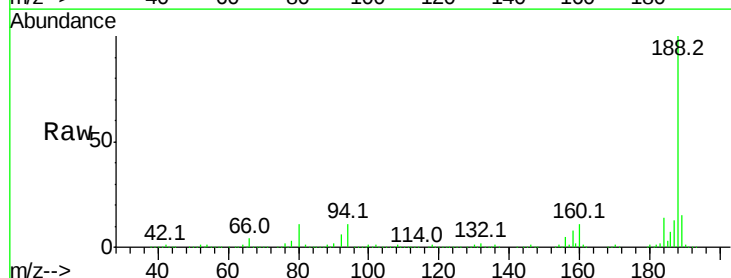
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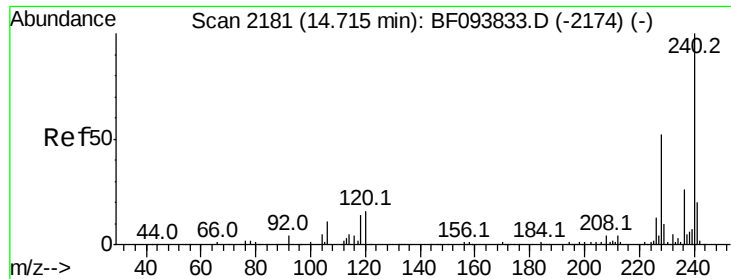
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2

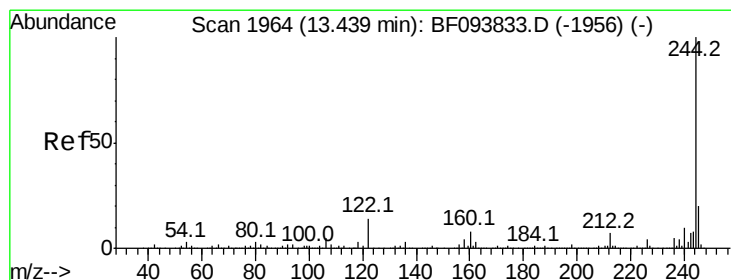
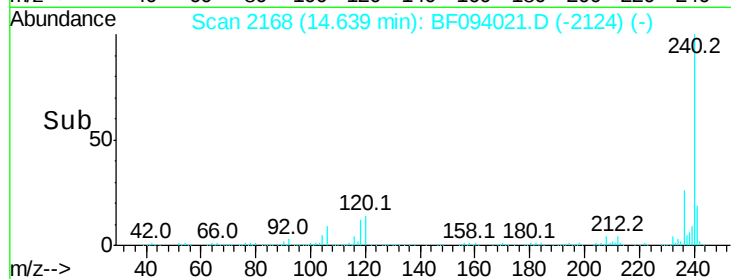
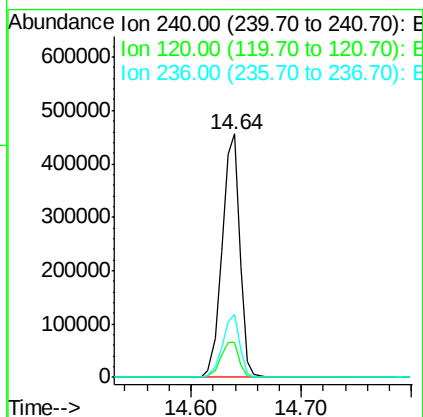
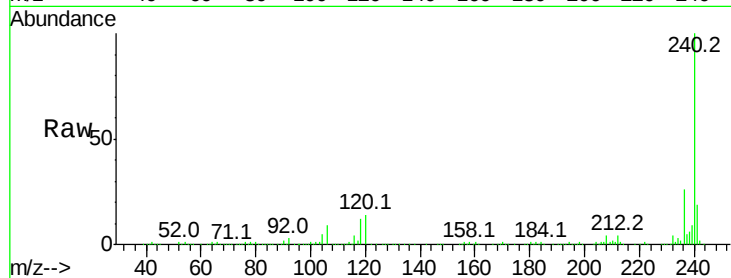




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

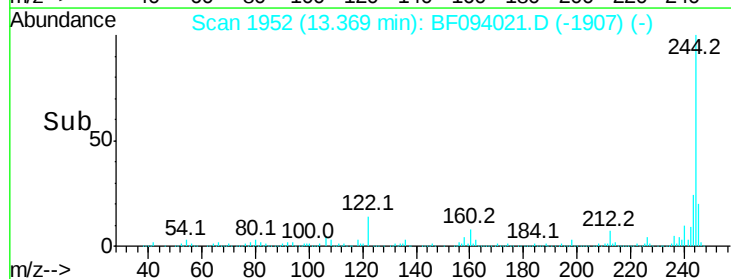
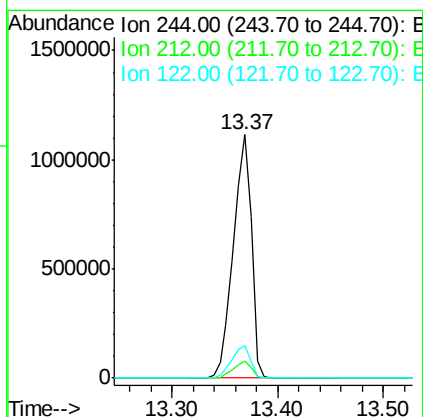
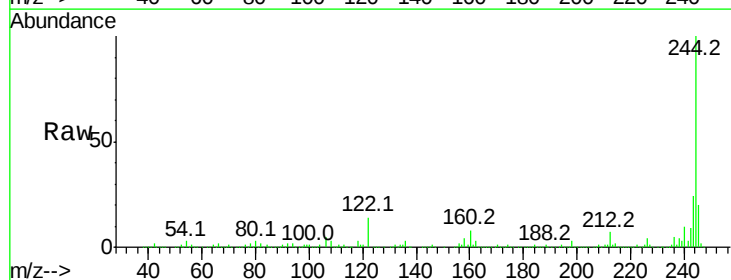
Instrument :
 BNA_F
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 54C-9-11

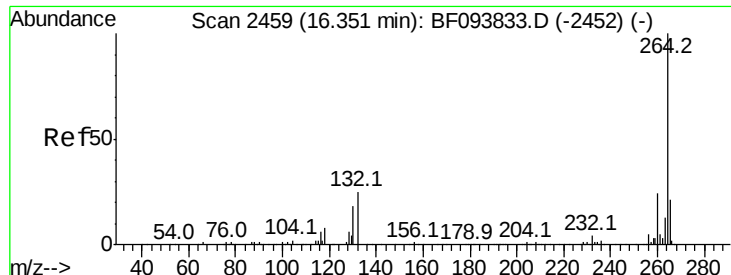
Tot Ion:240 Resp: 511871
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 26.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 57.22 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Tgt Ion:244 Resp: 1306721
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.5 10.3 15.5

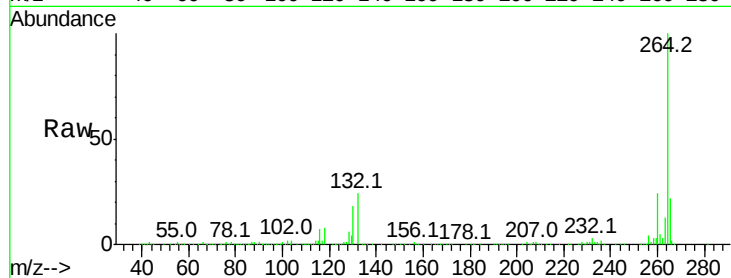




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 54C-9-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.5	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

