

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 03:40:28 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

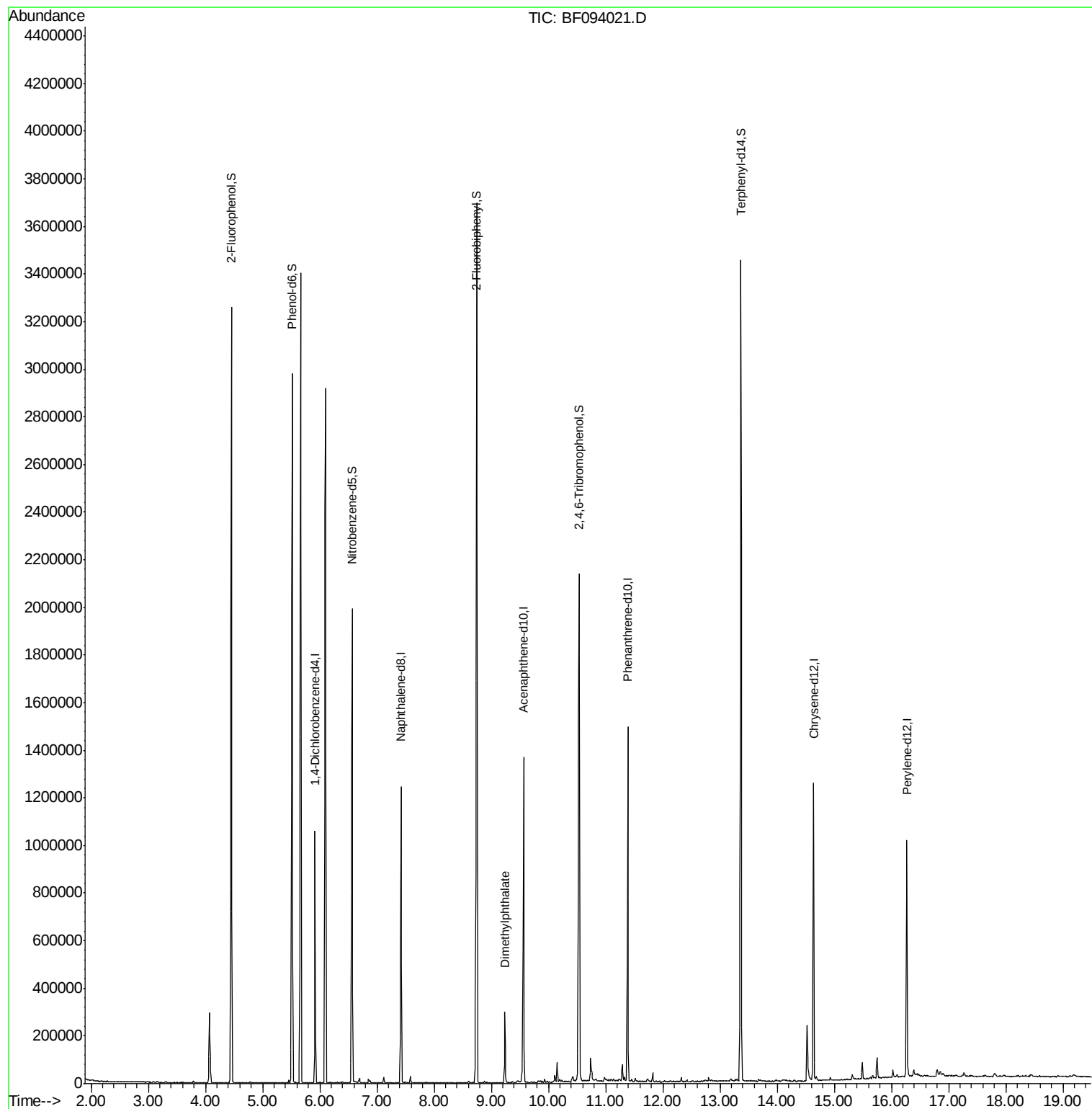
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	167869	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	678623	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	316762	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	582272	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	511871	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						
49) Dimethylphthalate	9.24	163	129200	5.74	ng	Qvalue 97

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

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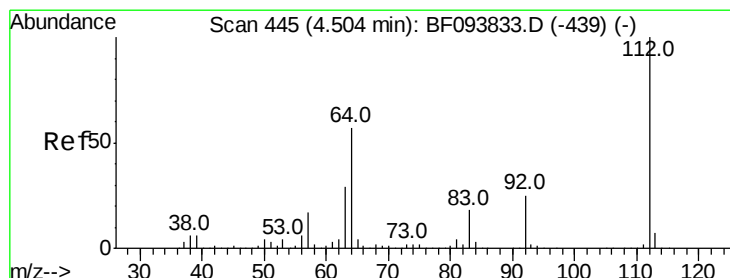
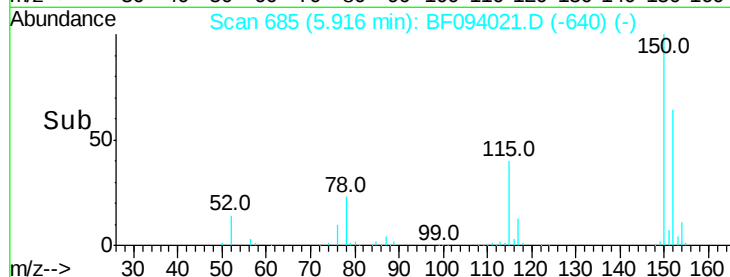
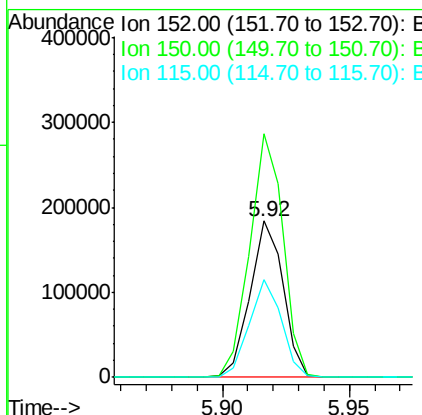
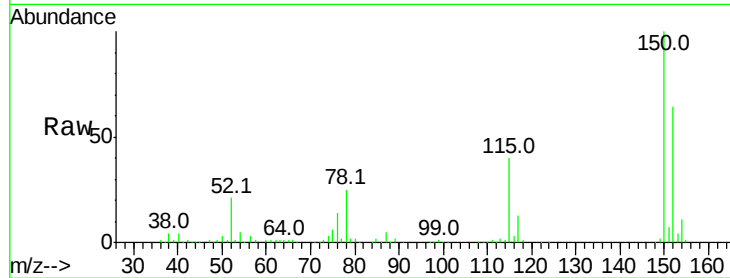


#1

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

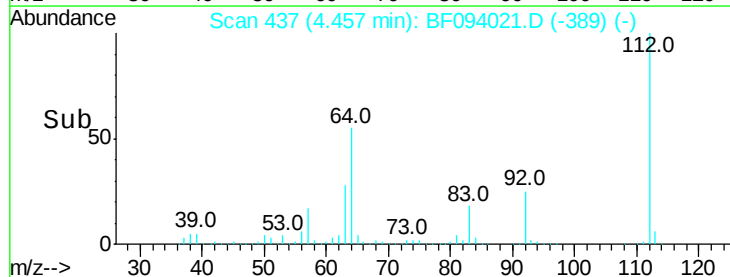
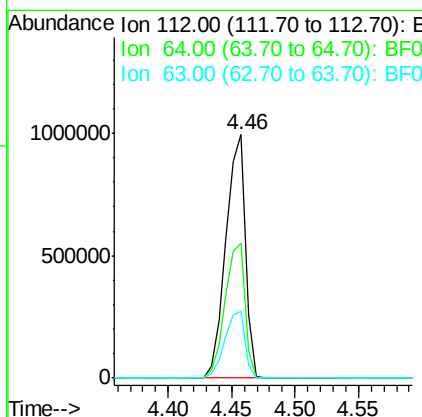
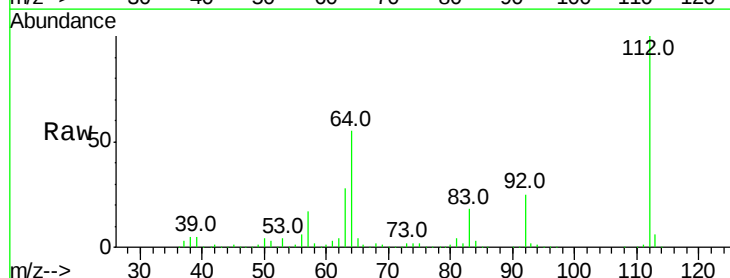
Tot Ion:152 Resp: 167869
 Ion Ratio Lower Upper
 152 100
 150 155.9 126.2 189.2
 115 62.9 52.2 78.2



#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





#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

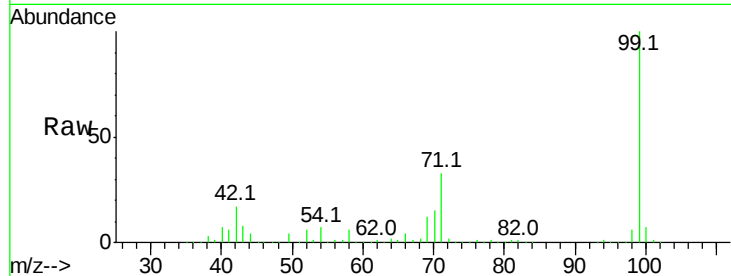
Tot Ion: 99 Resp: 1337962

Ion Ratio Lower Upper

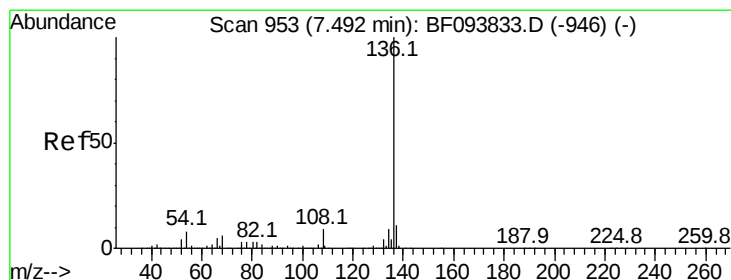
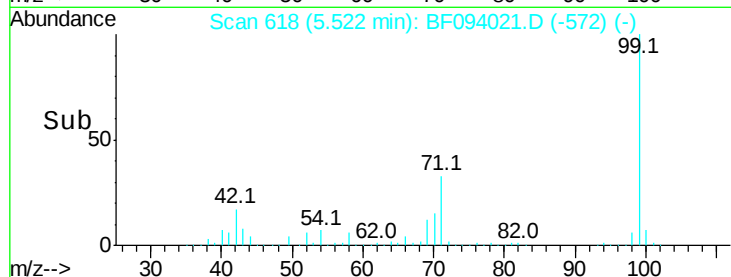
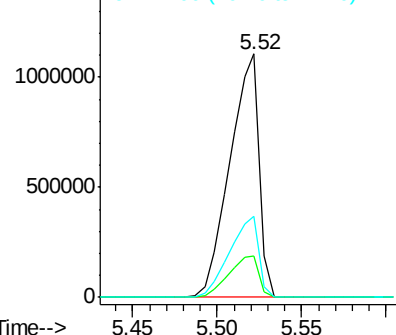
99 100

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



#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

Tgt Ion: 136 Resp: 678623

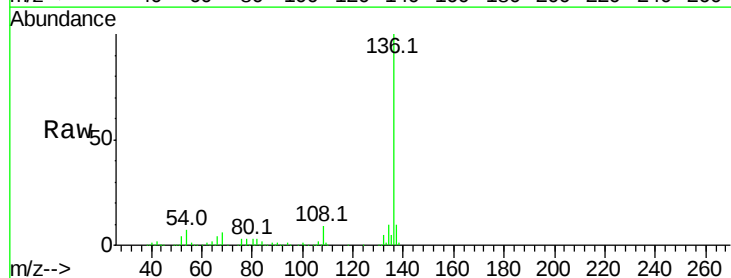
Ion Ratio Lower Upper

136 100

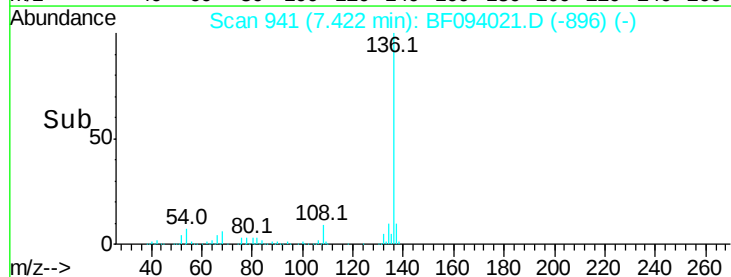
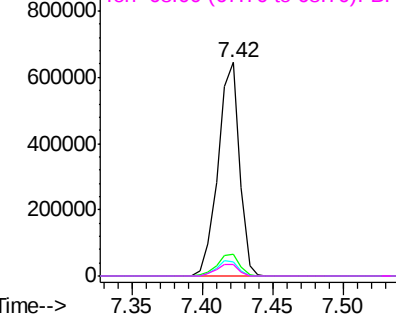
137 10.4 8.5 12.7

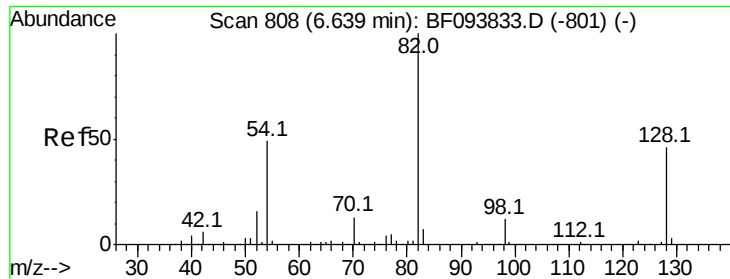
54 6.9 4.9 7.3

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

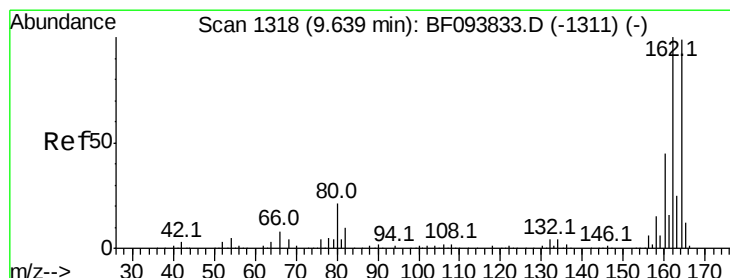
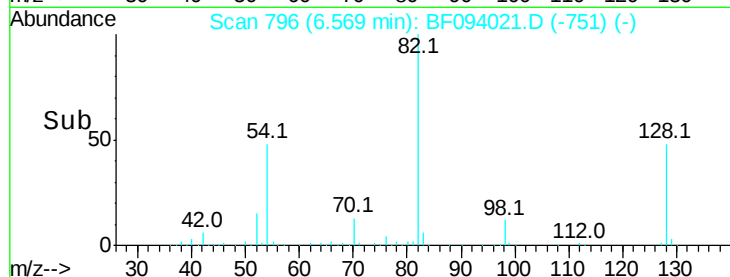
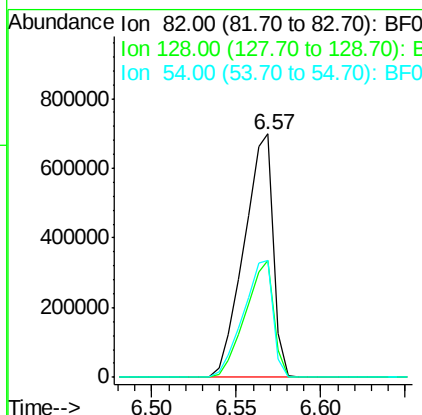
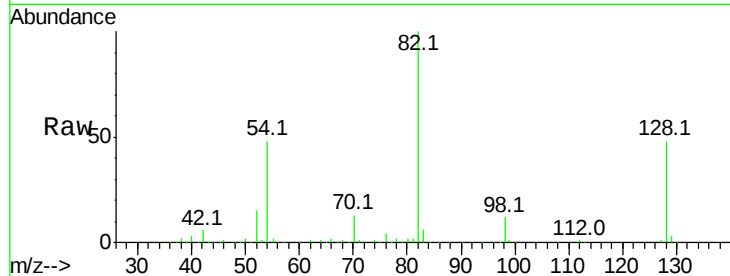




#23
 Nitrobenzene-d5
 Concen: 70.93 ng
 RT: 6.57 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

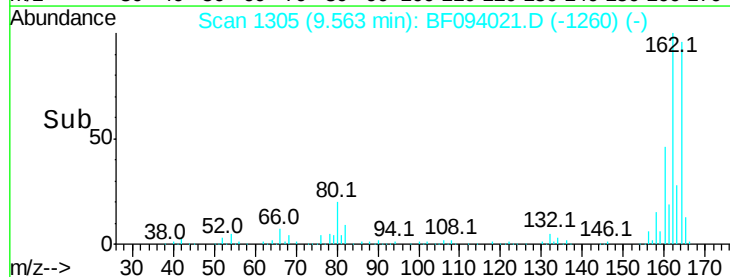
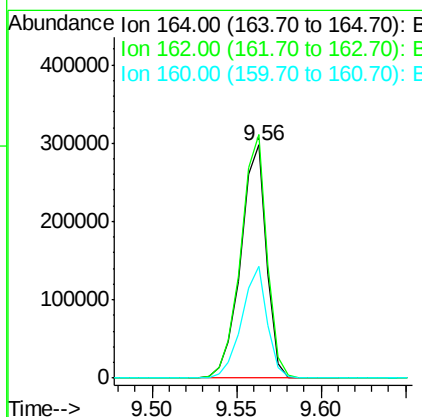
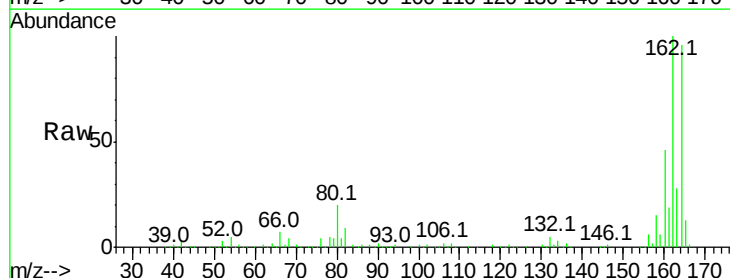
Instrument :
 BNA_F
 ClientSampled :
 54C-9-11

Tot Ion: 82 Resp: 843423
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 47.8 42.2 63.2



#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

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

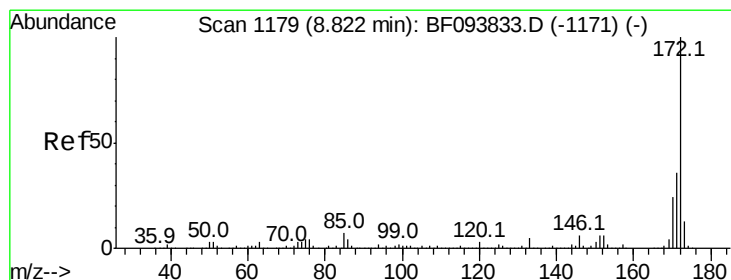
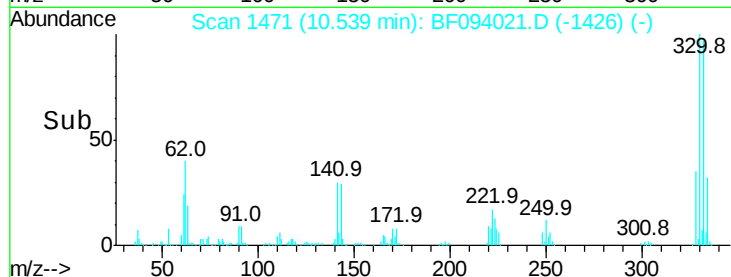
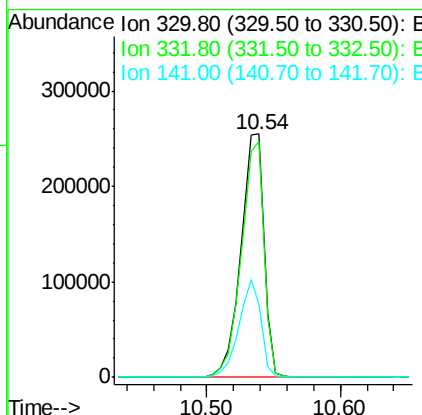
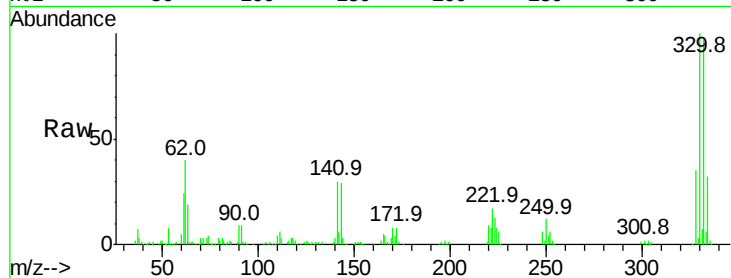




#41
 2,4,6-Tribromophenol
 Concen: 121.81 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

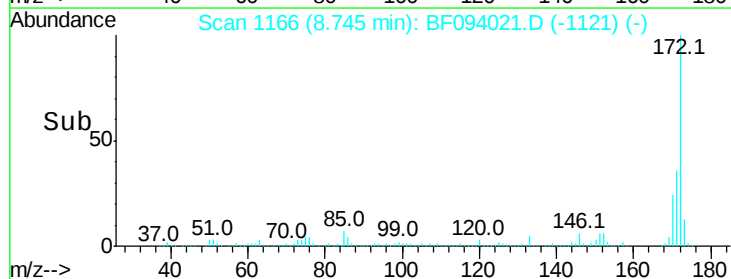
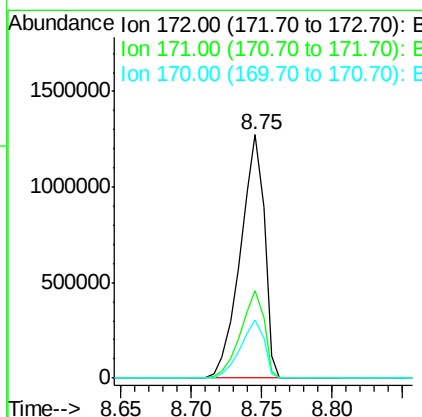
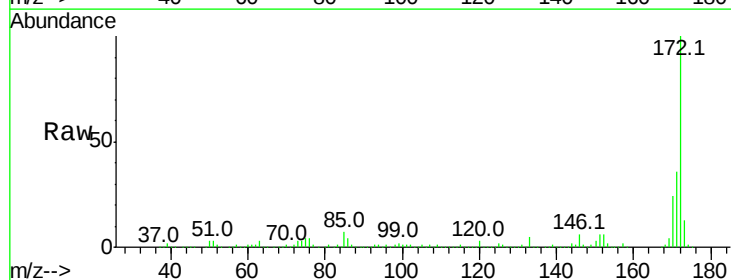
Instrument :
 BNA_F
 ClientSampleId :
 54C-9-11

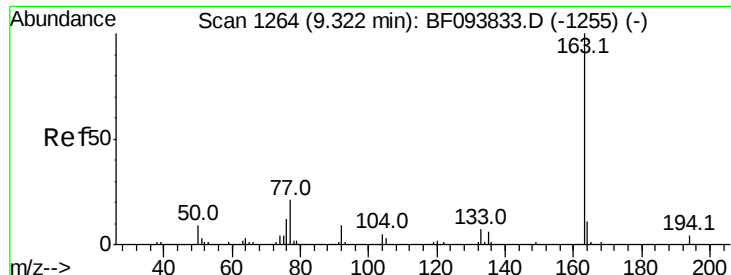
Tot Ion:330 Resp: 304914
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 38.4 31.4 47.2



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

54C-9-11

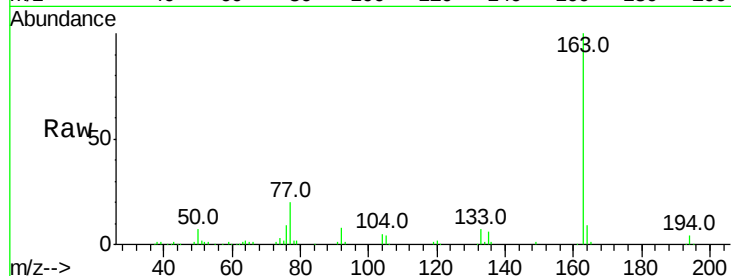
Tot Ion:163 Resp: 129200

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

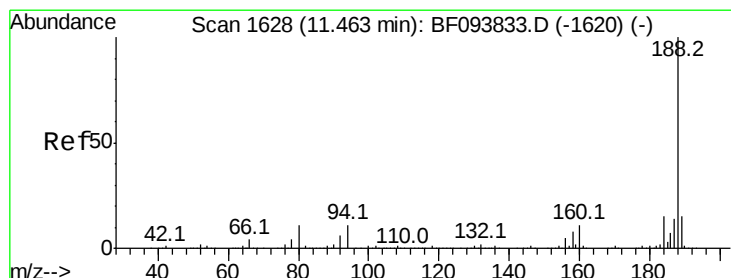
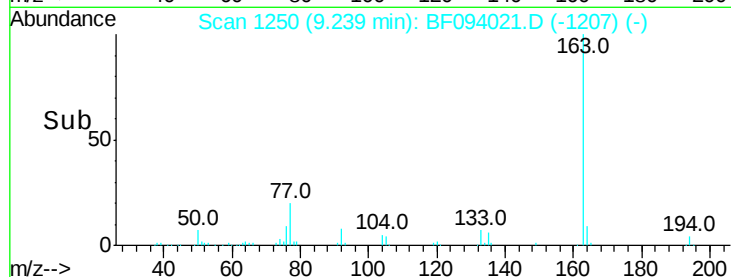
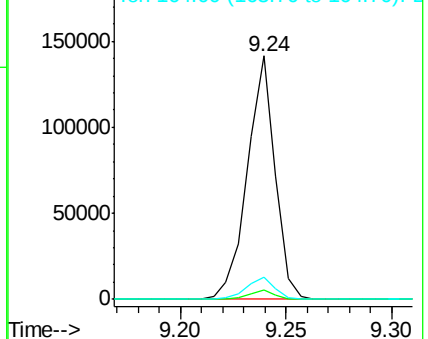
164 9.2 8.4 12.6



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



#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

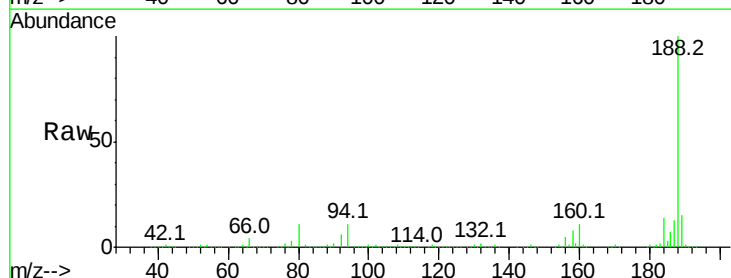
Tgt Ion:188 Resp: 582272

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

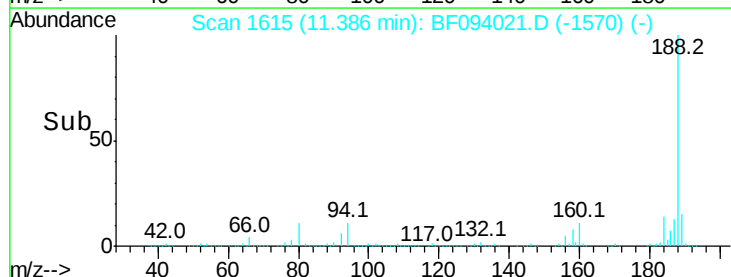
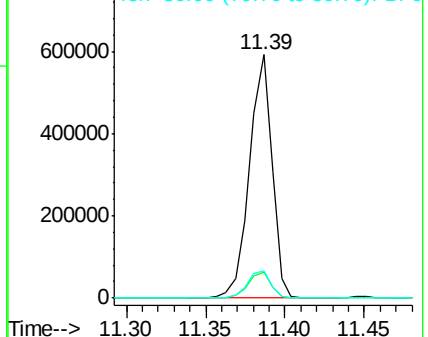
80 11.3 10.2 15.2

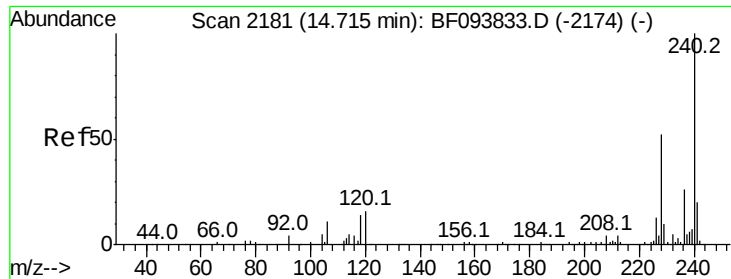


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

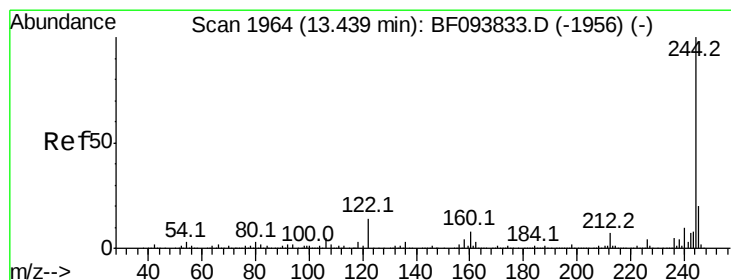
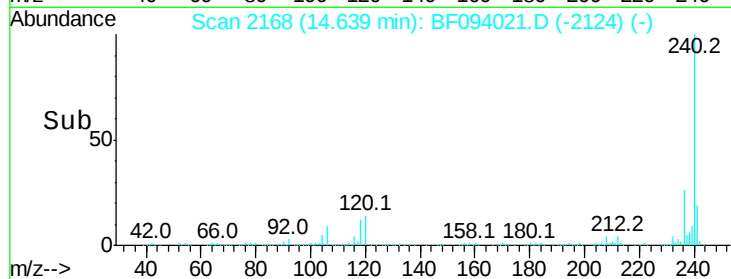
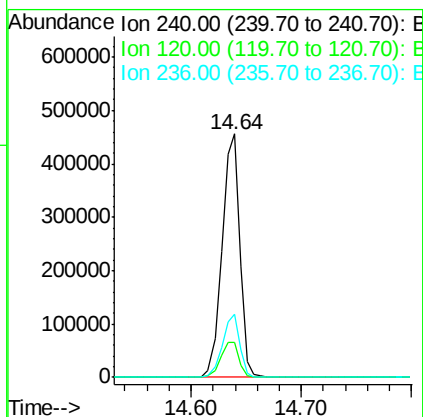
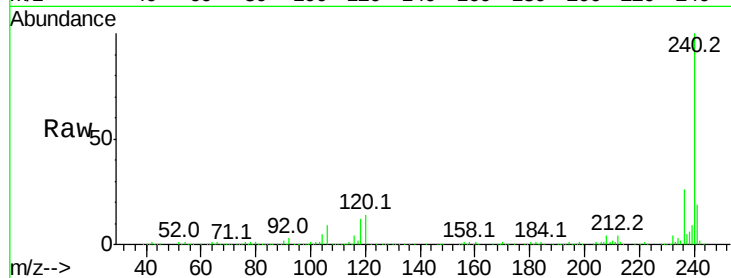




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

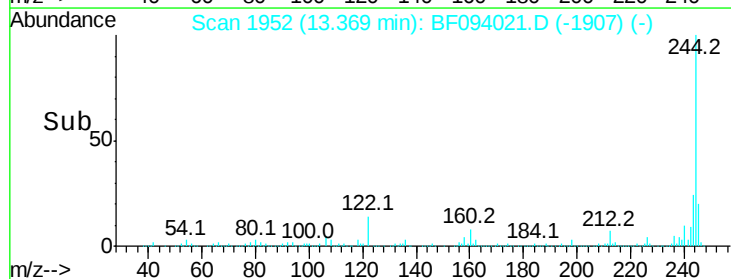
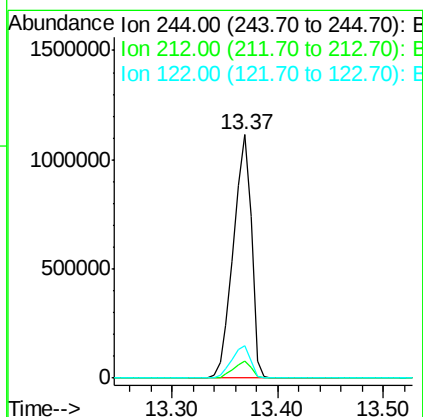
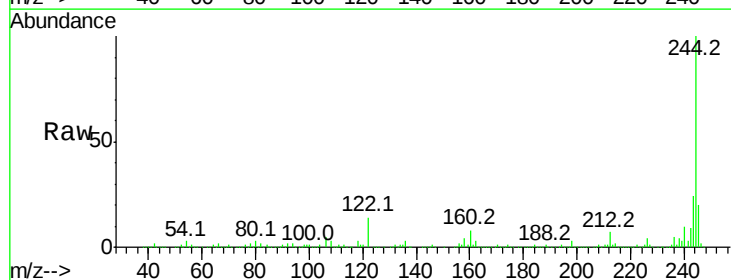
Instrument :
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 54C-9-11

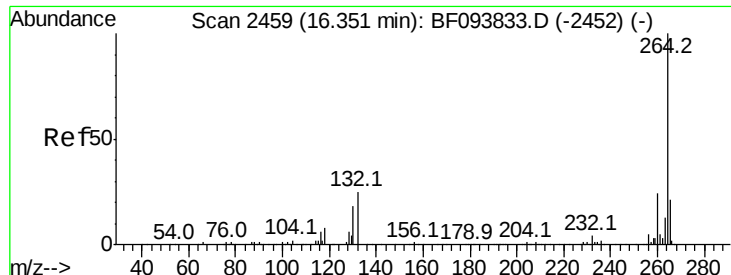
Tot Ion:240 Resp: 511871
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 26.0 20.5 30.7



#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

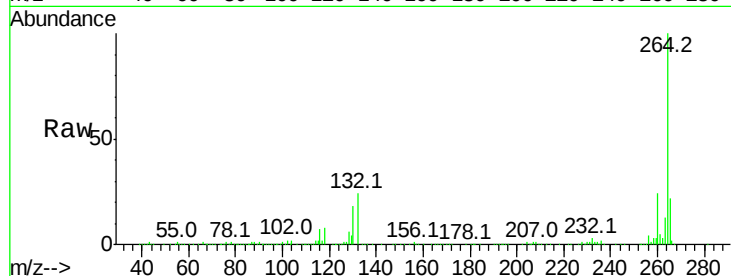




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 2445
 Delta R.T. -0.04 min
 Lab File: BF094021.D
 Acq: 29 Mar 2017 16:32

Instrument :
 BNA_F
 ClientSampleId :
 54C-9-11

Tot Ion: 264 Resp: 391452
 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

