

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094138.D
 Acq On : 3 Apr 2017 23:12
 Operator : SJ/MA
 Sample : I2493-13 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP09-COMP

Quant Time: Apr 04 01:08:11 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

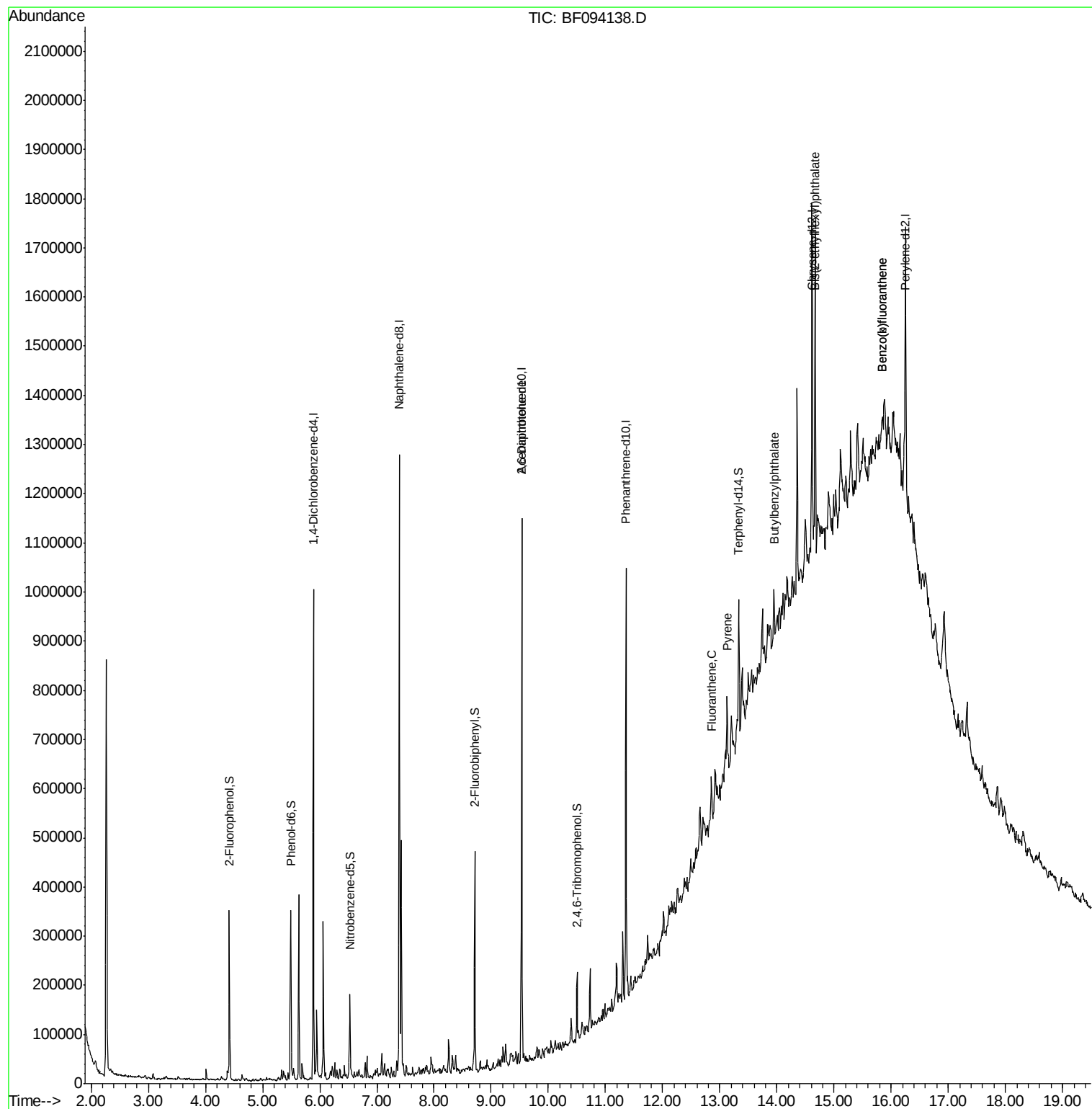
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	149624	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	562785	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	229904	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	337805	20.00	ng	-0.02
75) Chrysene-d12	14.62	240	289208	20.00	ng	-0.01
86) Perylene-d12	16.25	264	212222	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	97214	10.97	ng	-0.02
7) Phenol-d6	5.49	99	121929	11.13	ng	-0.02
23) Nitrobenzene-d5	6.53	82	50520	5.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	14778	8.13	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	139475	9.25	ng	-0.02
78) Terphenyl-d14	13.33	244	84609	6.56	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	9.53	165	30544	8.15	ng	# 34
74) Fluoranthene	12.85	202	38519	2.00	ng	94
77) Pyrene	13.13	202	48138	2.29	ng	96
79) Butylbenzylphthalate	13.95	149	29380	3.29	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.67	149	237936	19.50	ng	# 98
87) Benzo(b)fluoranthene	15.84	252	40038	3.08	ng	# 38
88) Benzo(k)fluoranthene	15.84	252	40038	3.15	ng	# 38

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.02 min

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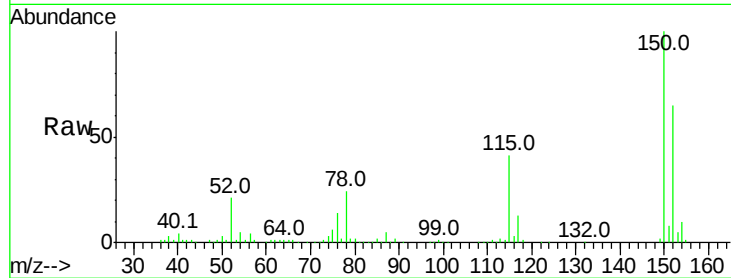
Tot Ion:152 Resp: 149624

Ion Ratio Lower Upper

152 100

150 154.4 126.2 189.2

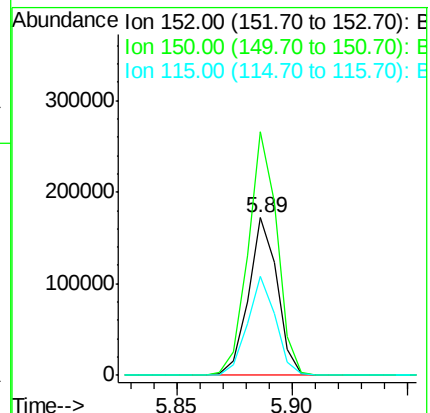
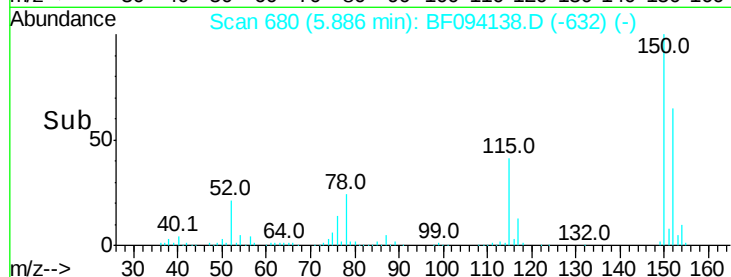
115 62.8 52.2 78.2



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: 10.97 ng

RT: 4.42 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

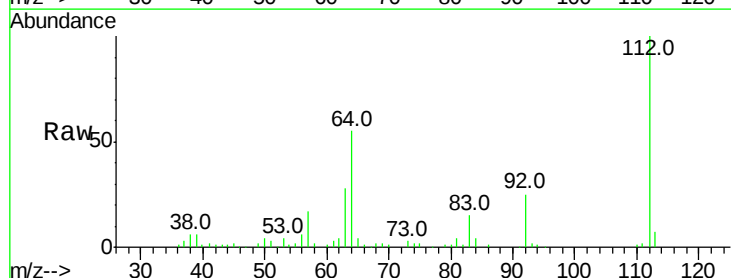
Tgt Ion:112 Resp: 97214

Ion Ratio Lower Upper

112 100

64 55.3 46.0 69.0

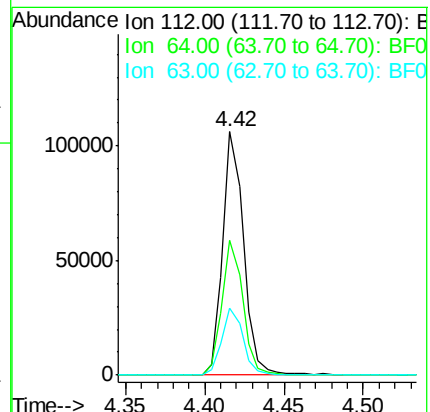
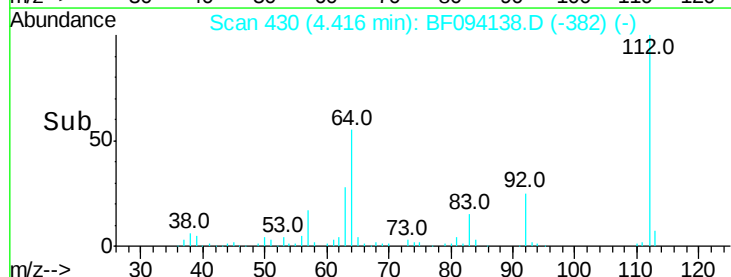
63 27.5 23.4 35.0

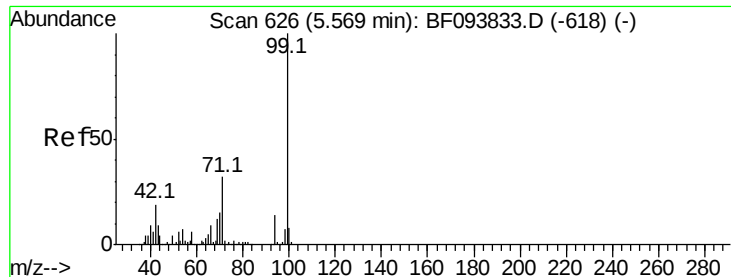


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.13 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

Instrument :

BNA_F

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LSS-SP09-COMP

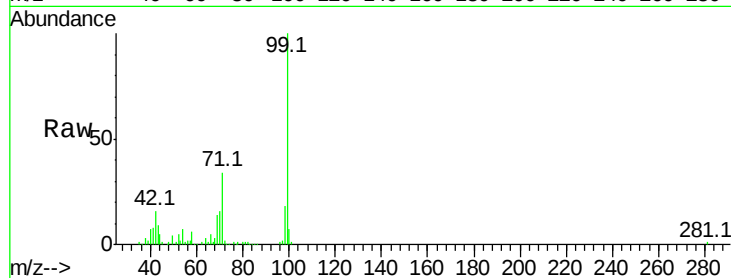
Tot Ion: 99 Resp: 121929

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

71 33.9 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

150000

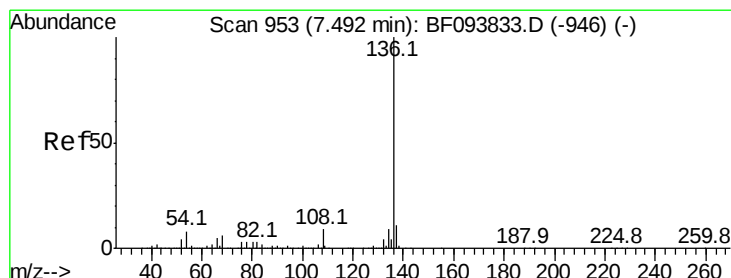
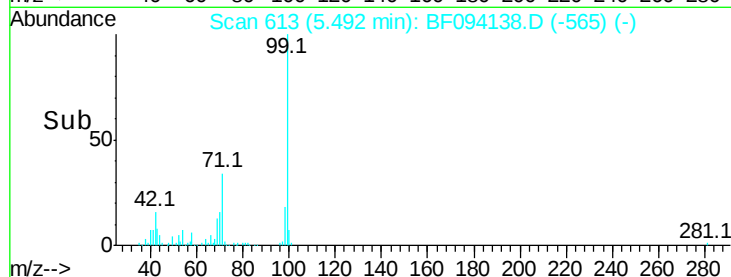
100000

50000

0

5.49

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

Tgt Ion: 136 Resp: 562785

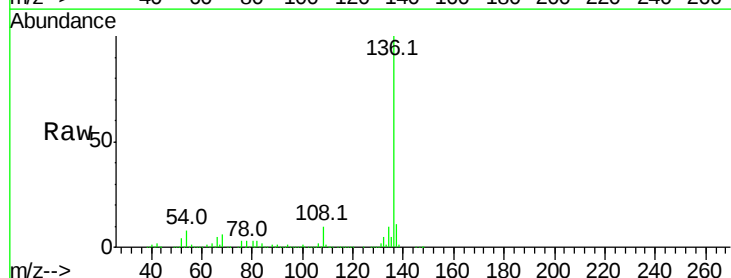
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 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

800000

600000

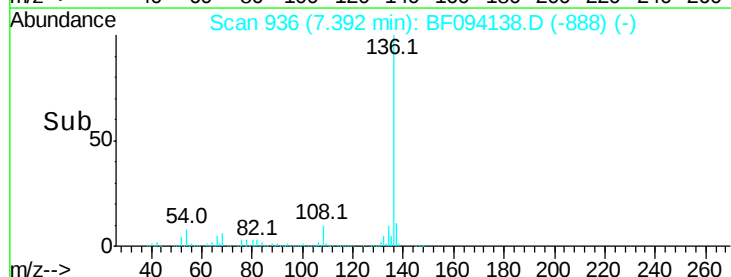
400000

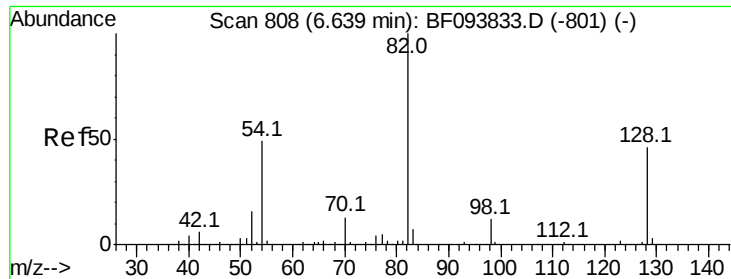
200000

0

7.39

Time-->

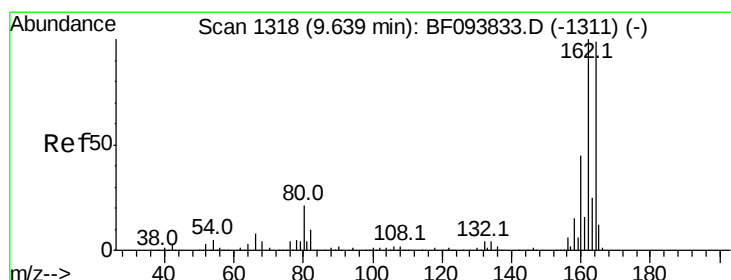
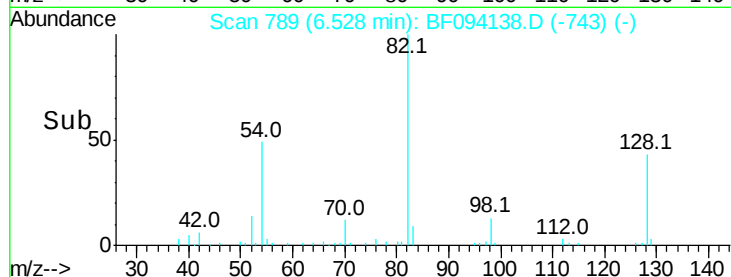
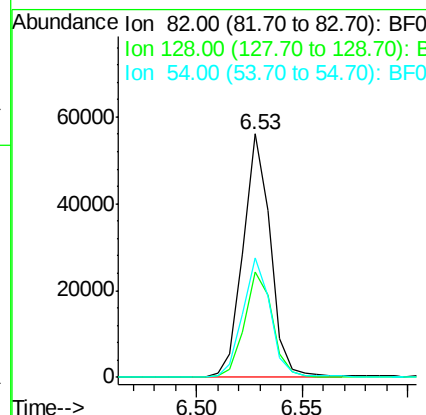
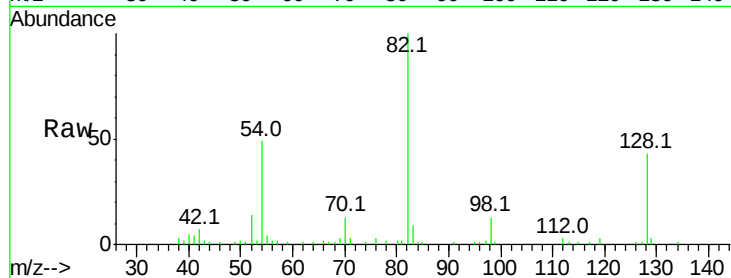




#23
 Nitrobenzene-d5
 Concen: 5.12 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

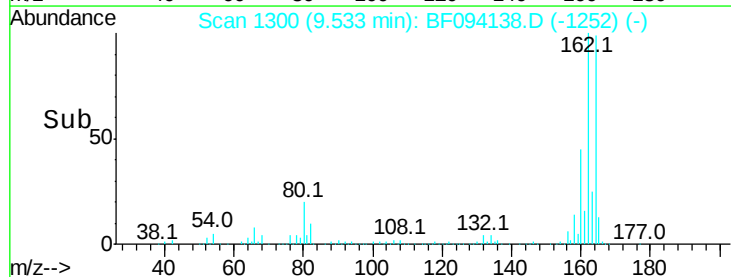
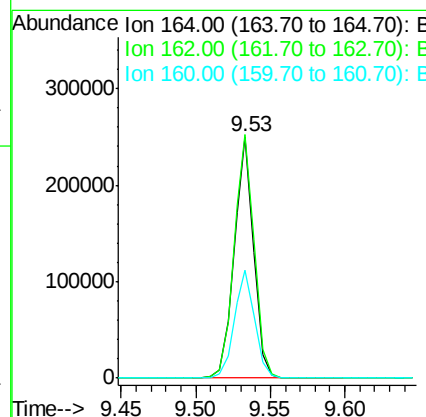
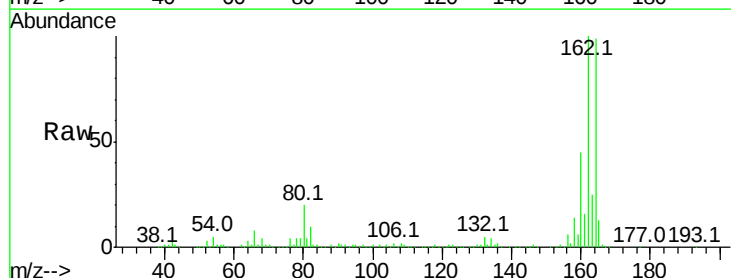
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP09-COMP

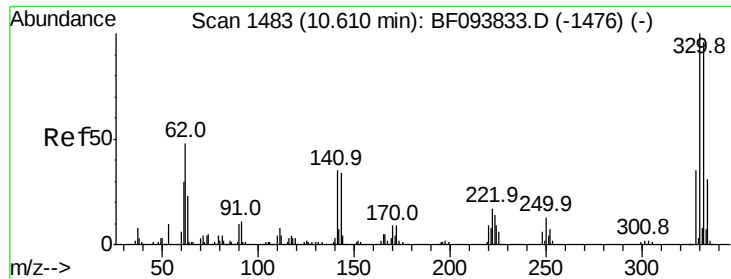
Tot Ion: 82 Resp: 50520
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.0 51.0
 54 49.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

Tgt Ion:164 Resp: 229904
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 44.9 36.2 54.2

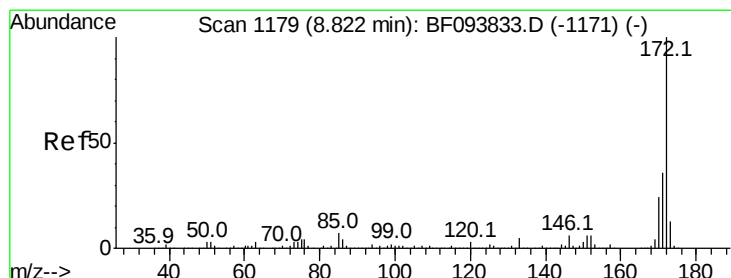
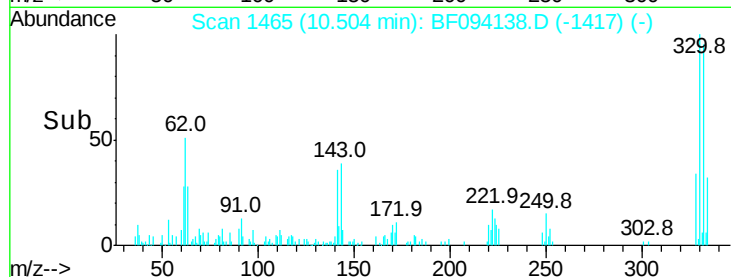
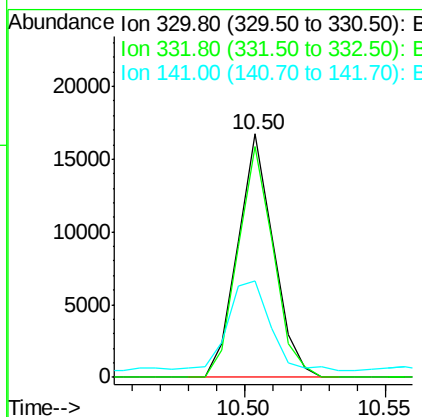
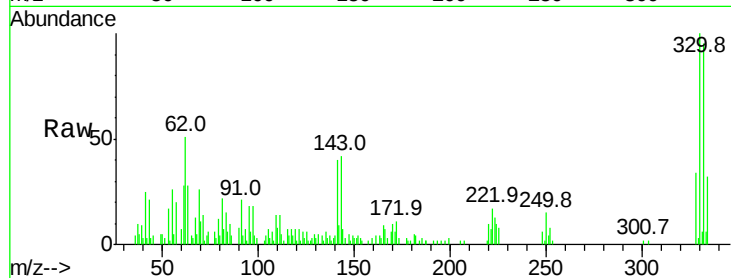




#41
 2,4,6-Tribromophenol
 Concen: 8.13 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

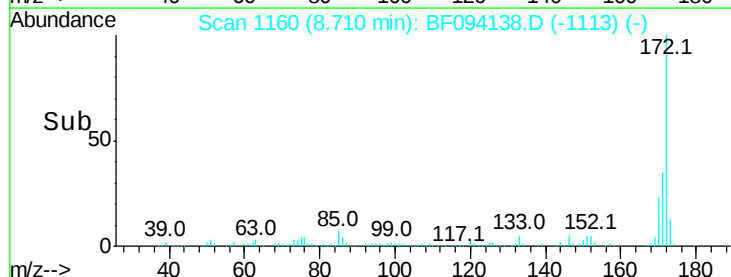
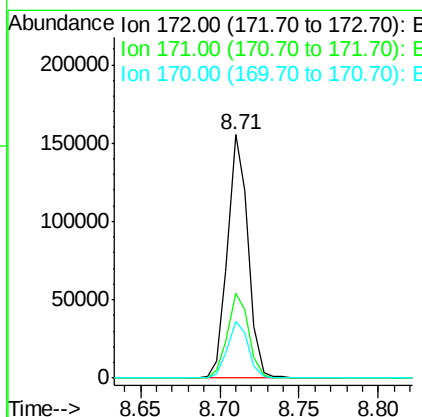
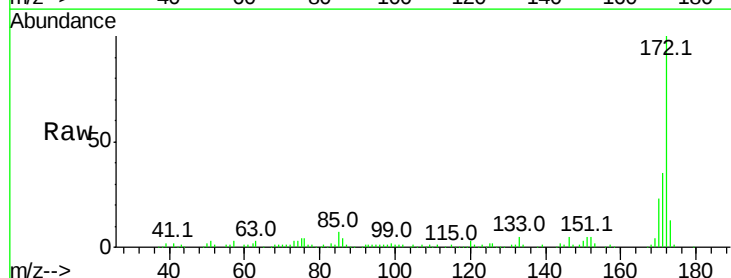
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP09-COMP

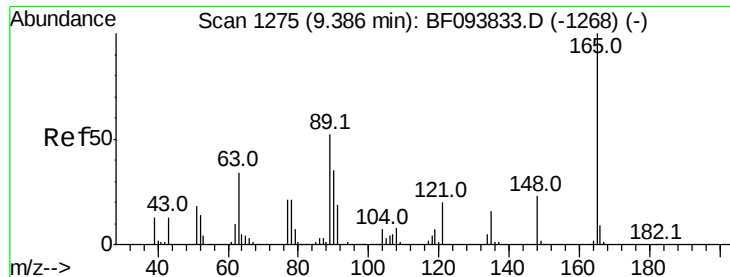
Tot Ion:330 Resp: 14778
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 44.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 9.25 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

Tgt Ion:172 Resp: 139475
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.6 44.4
 170 23.1 19.8 29.8

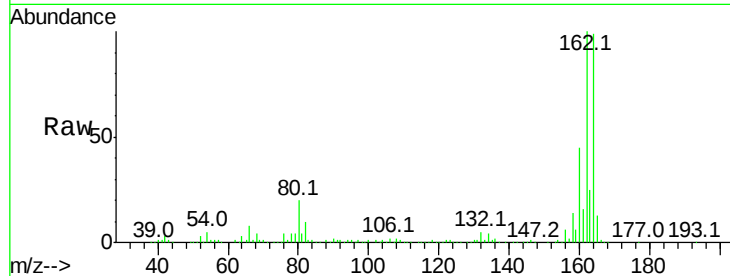




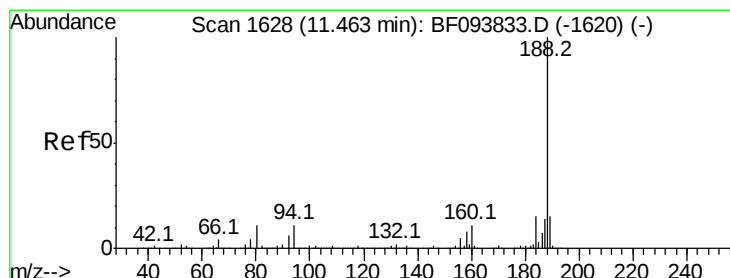
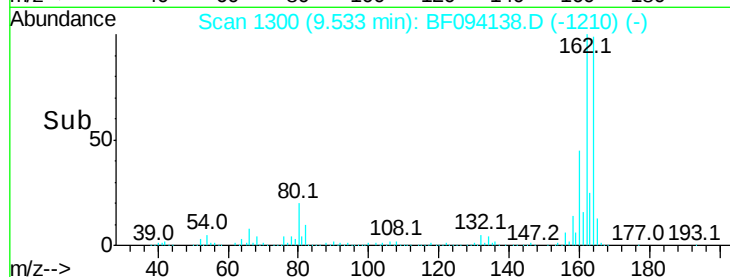
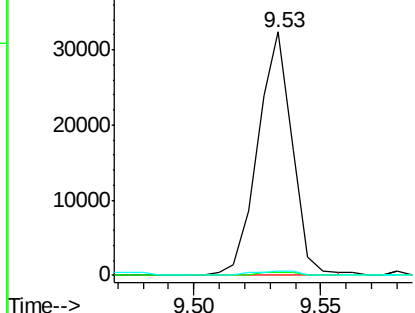
#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.53 min Scan# 1300
 Delta R.T. 0.23 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP09-COMP

Tot Ion:165 Resp: 30544
 Ion Ratio Lower Upper
 165 100
 63 1.3 34.3 51.5#
 89 1.7 37.1 55.7#

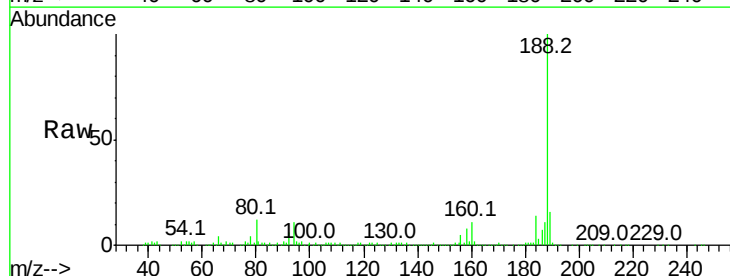


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

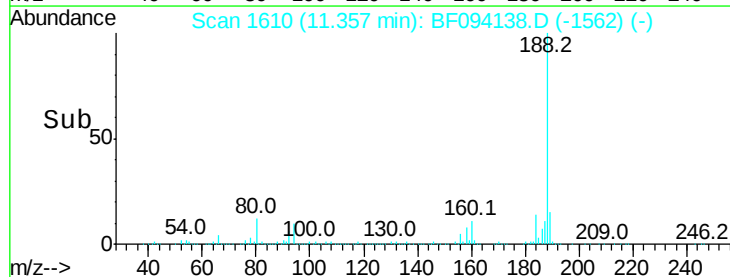
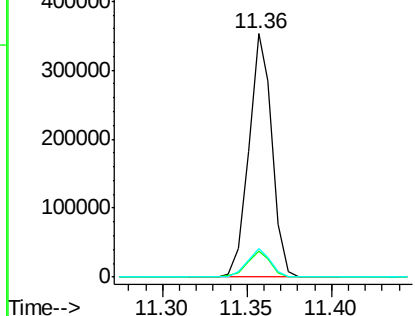


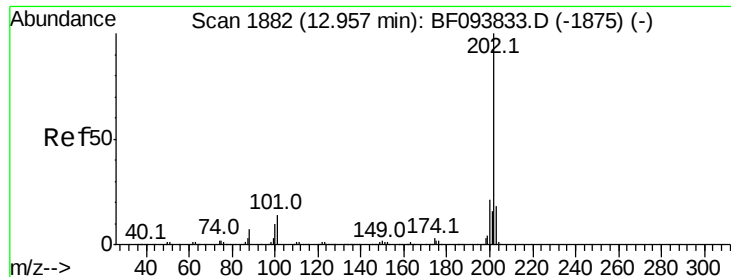
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

Tgt Ion:188 Resp: 337805
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.6 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





#74

Fluoranthene

Concen: 2.00 ng

RT: 12.85 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

Instrument :

BNA_F

ClientSampleId :

LSS-SP09-COMP

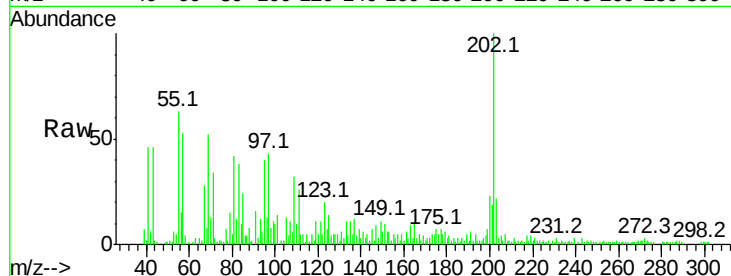
Tot Ion:202 Resp: 38519

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

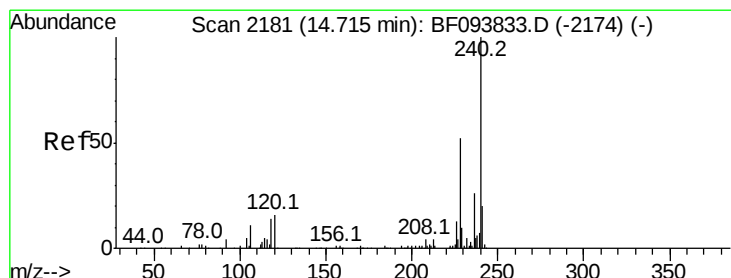
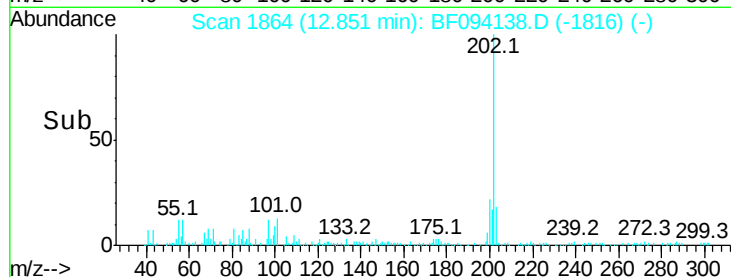
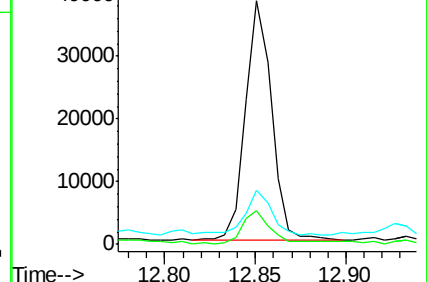
203 22.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

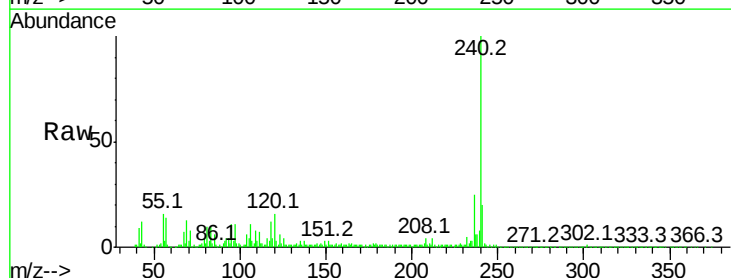
Tgt Ion:240 Resp: 289208

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

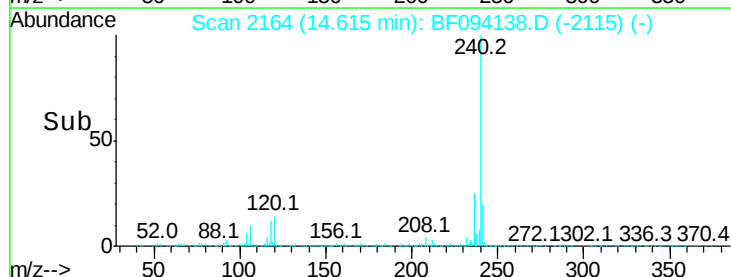
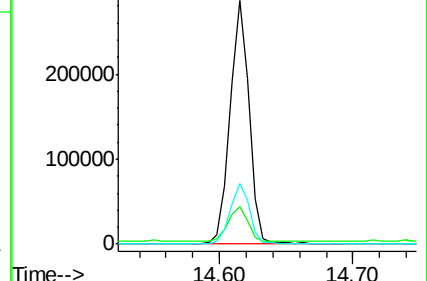
236 24.9 20.5 30.7

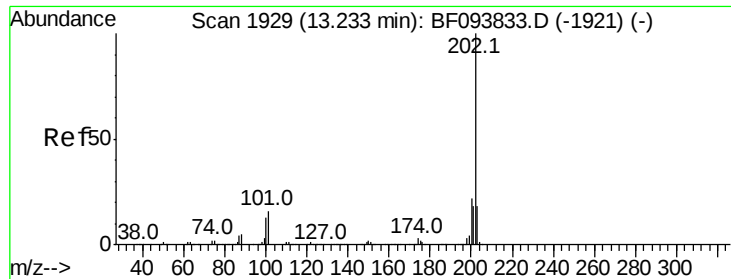


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

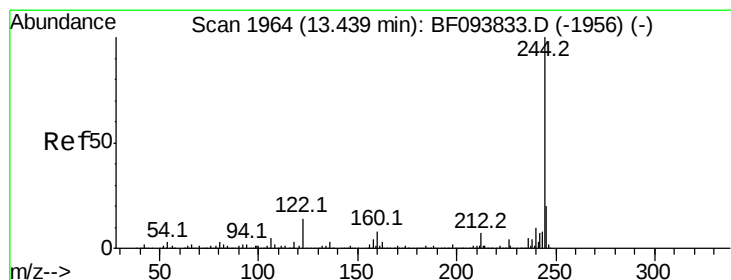
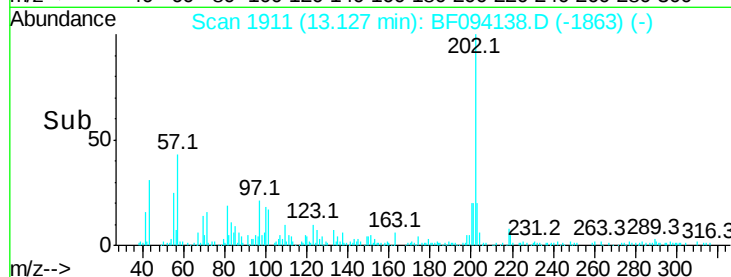
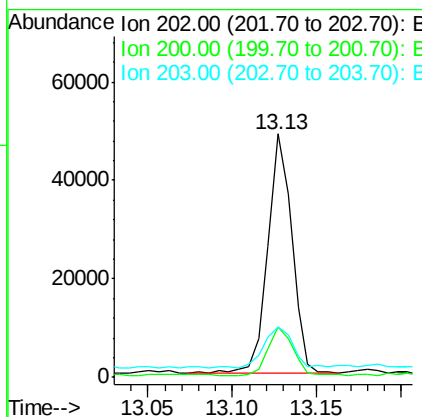
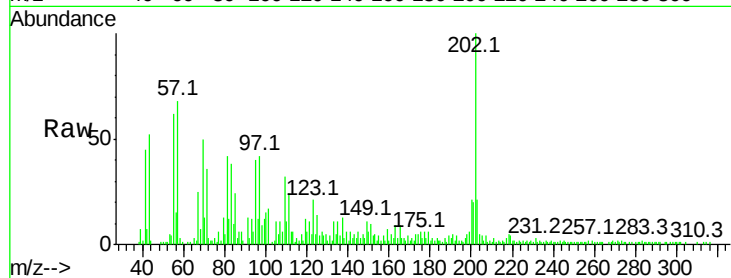




#77
Pvrene
Concen: 2.29 ng
RT: 13.13 min Scan# 1911
Delta R.T. -0.02 min
Lab File: BF094138.D
Acq: 3 Apr 2017 23:12

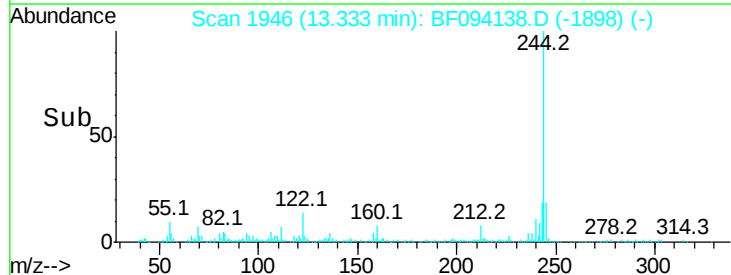
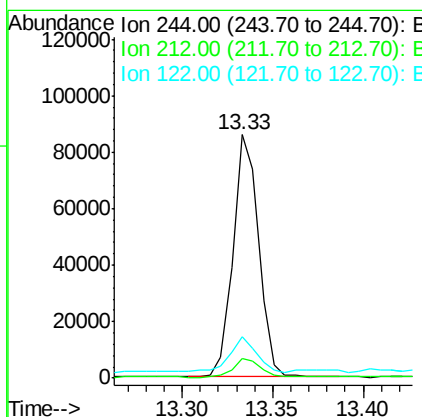
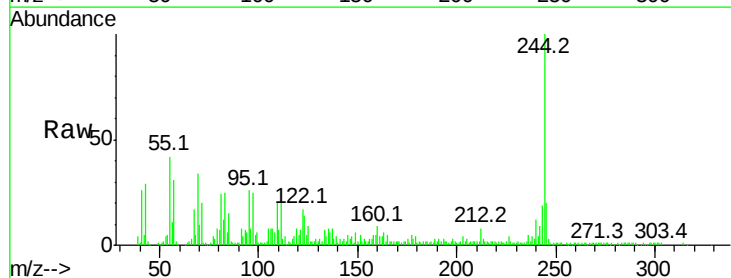
Instrument :
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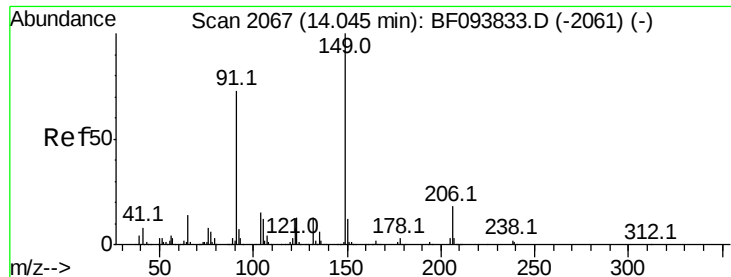
Tot Ion:202 Resp: 48138
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 20.8 14.4 21.6



#78
Terphenyl-d14
Concen: 6.56 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094138.D
Acq: 3 Apr 2017 23:12

Tgt Ion:244 Resp: 84609
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 17.2 10.3 15.5#

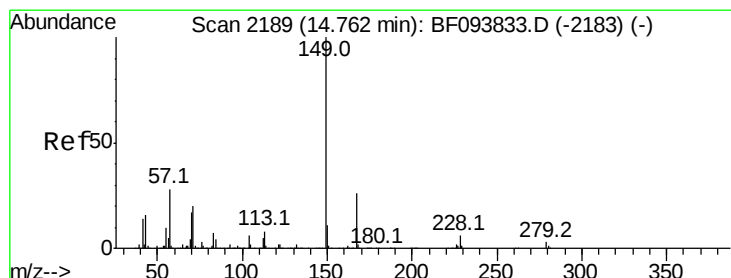
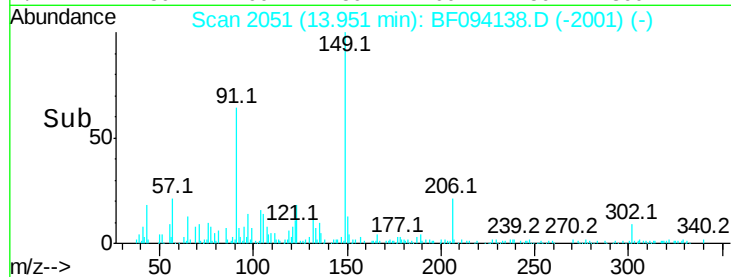
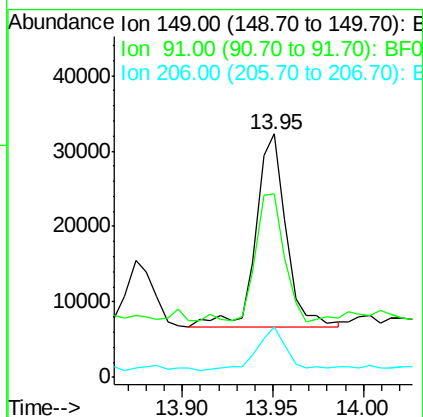
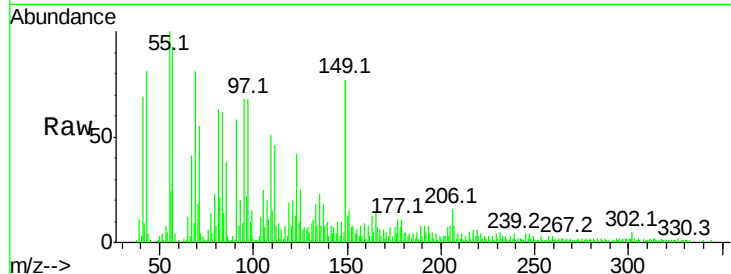




#79
 Butylbenzylphthalate
 Concen: 3.29 ng
 RT: 13.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

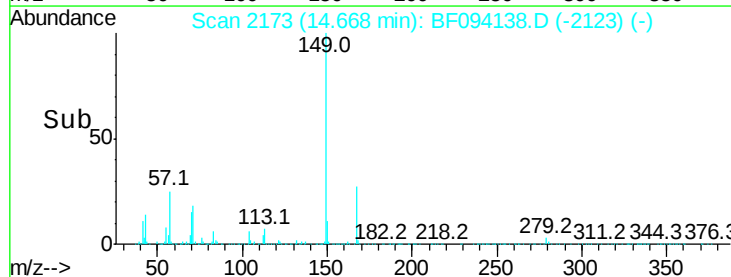
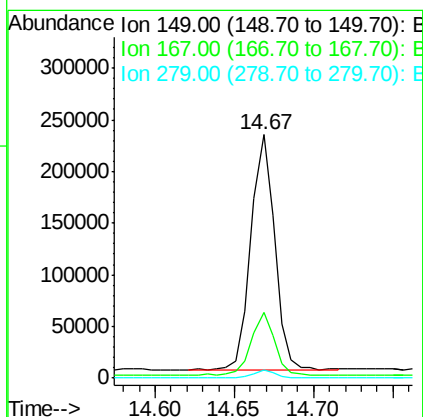
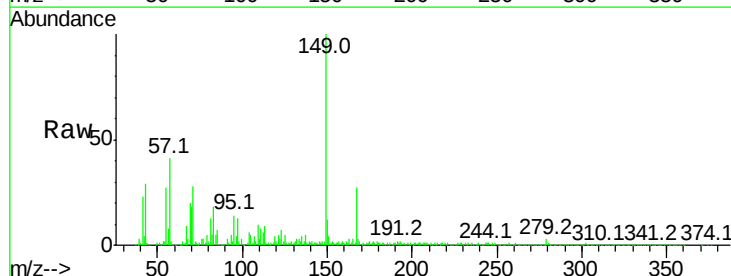
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP09-COMP

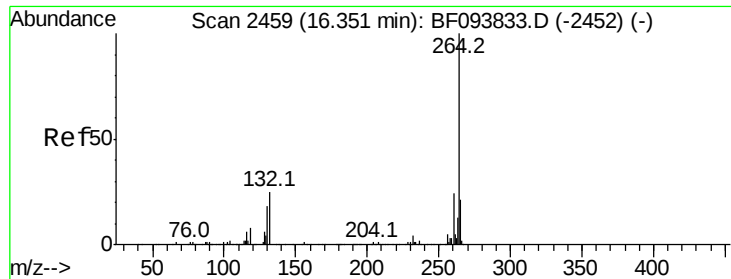
Tot Ion:149 Resp: 29380
 Ion Ratio Lower Upper
 149 100
 91 75.1 45.0 67.4#
 206 20.8 17.0 25.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.50 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF094138.D
 Acq: 3 Apr 2017 23:12

Tgt Ion:149 Resp: 237936
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.1 1.9 2.9#

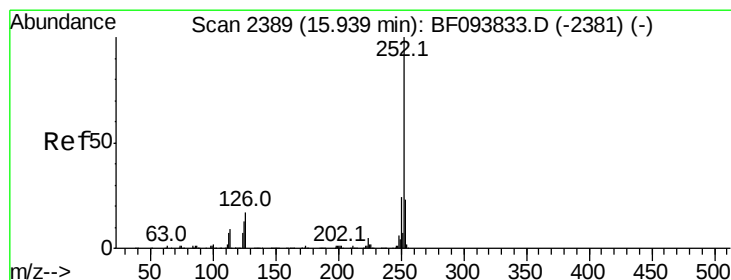
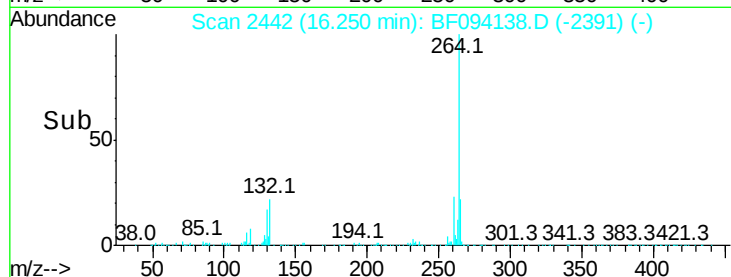
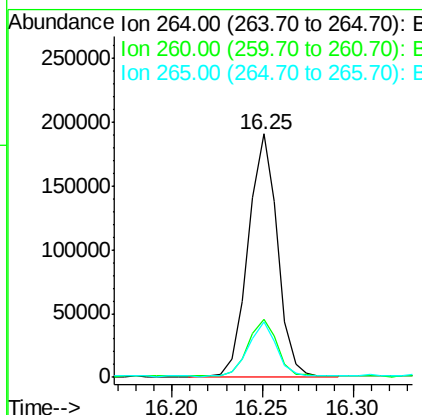
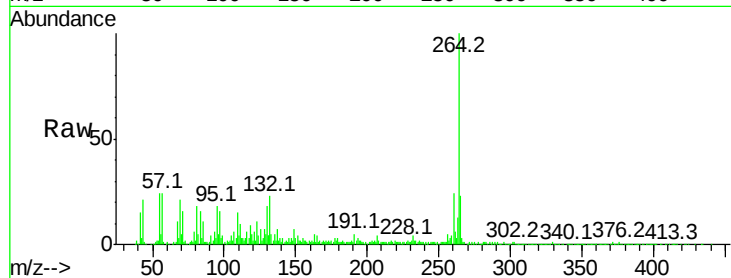




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094138.D
Acq: 3 Apr 2017 23:12

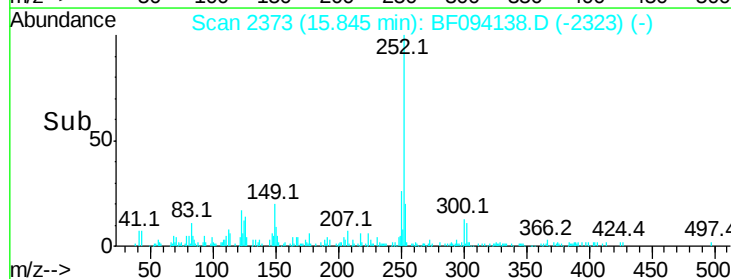
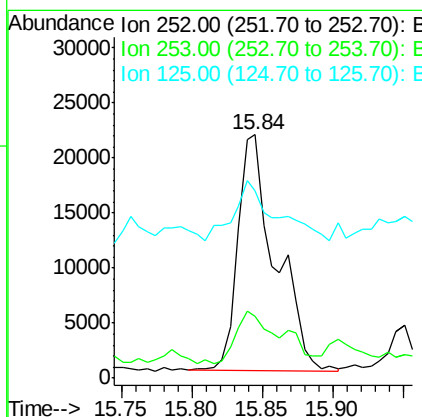
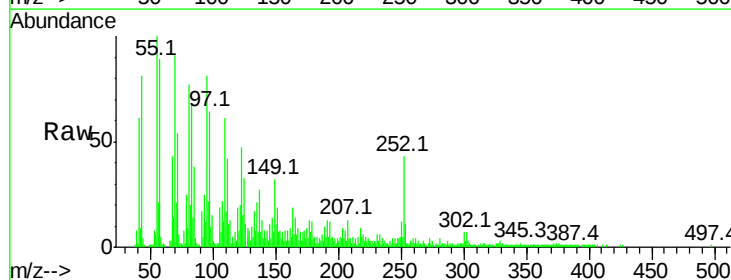
Instrument :
BNA_F
ClientSampleId :
LSS-SP09-COMP

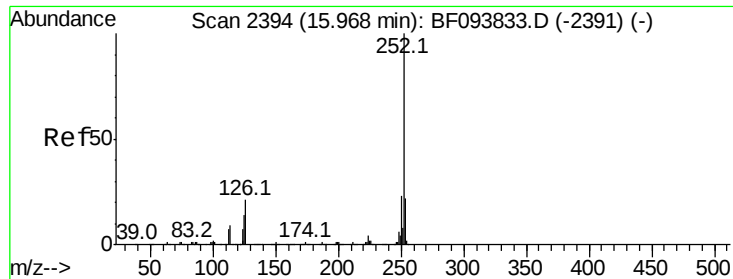
Tot Ion:264 Resp: 212222
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 22.5 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.08 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094138.D
Acq: 3 Apr 2017 23:12

Tgt Ion:252 Resp: 40038
Ion Ratio Lower Upper
252 100
253 25.4 18.1 27.1
125 76.9 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 3.15 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.04 min

Lab File: BF094138.D

Acq: 3 Apr 2017 23:12

Instrument :

BNA_F

ClientSampleId :

LSS-SP09-COMP

Tot Ion:252 Resp: 40038

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

125 76.9 13.1 19.7#

