

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094186.D
 Acq On : 5 Apr 2017 00:04
 Operator : SJ/MA
 Sample : I2495-08 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

Quant Time: Apr 05 02:33:56 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

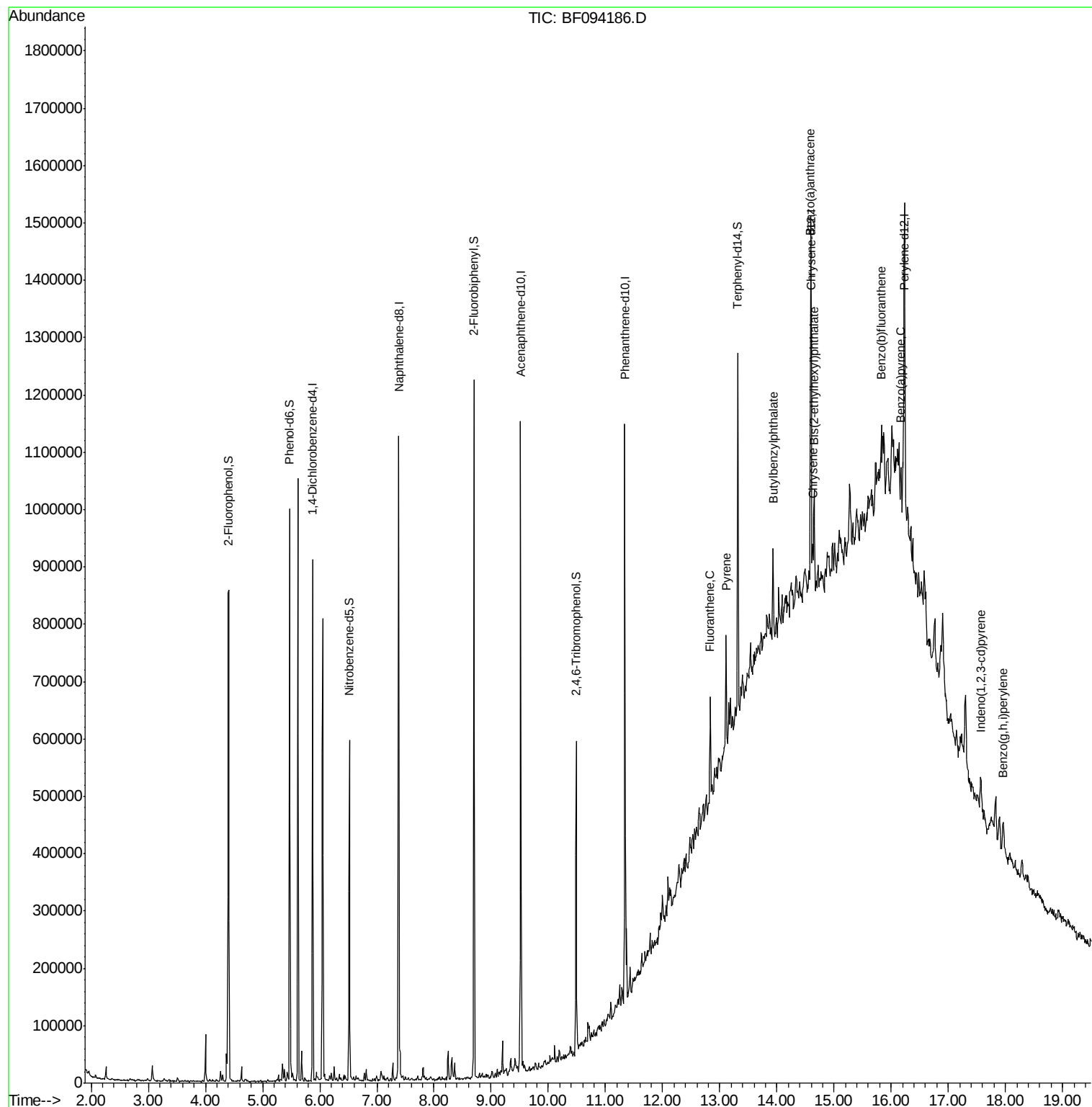
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	144308	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	576714	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	250108	20.00	ng	-0.04
63) Phenanthrene-d10	11.34	188	415003	20.00	ng	-0.04
75) Chrysene-d12	14.60	240	259223	20.00	ng	-0.03
86) Perylene-d12	16.23	264	233322	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	259530	30.38	ng	-0.03
7) Phenol-d6	5.47	99	324309	30.68	ng	-0.04
23) Nitrobenzene-d5	6.52	82	191750	18.97	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	57508	29.10	ng	-0.04
44) 2-Fluorobiphenyl	8.70	172	372449	22.71	ng	-0.04
78) Terphenyl-d14	13.32	244	231111	19.98	ng	-0.04
Target Compounds						
74) Fluoranthene	12.83	202	77922	3.30	ng	Qvalue 97
77) Pyrene	13.11	202	78439	4.17	ng	# 94
79) Butylbenzylphthalate	13.93	149	45083	5.62	ng	# 80
80) Benzo(a)anthracene	14.59	228	36360	2.41	ng	# 82
82) Chrysene	14.63	228	35378	2.52	ng	# 93
83) Bis(2-ethylhexyl)phthalate	14.65	149	66967	6.12	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.57	276	32511	2.68	ng	99
87) Benzo(b)fluoranthene	15.82	252	53677m	3.75	ng	
89) Benzo(a)pyrene	16.17	252	39141	2.97	ng	# 65
91) Benzo(g,h,i)perylene	17.96	276	42116	3.75	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

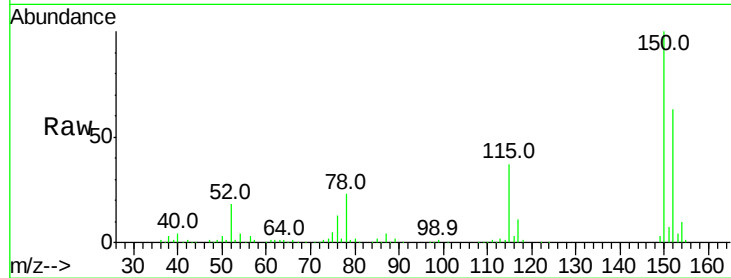
Tot Ion:152 Resp: 144308

Ion Ratio Lower Upper

152 100

150 158.6 126.2 189.2

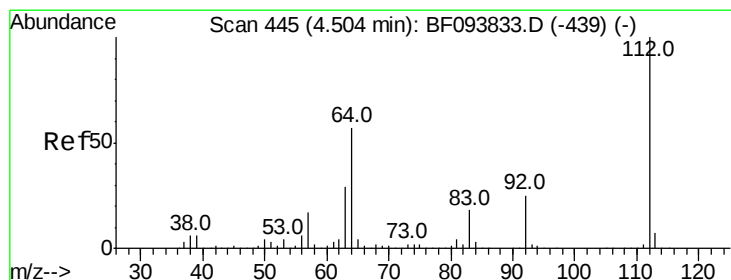
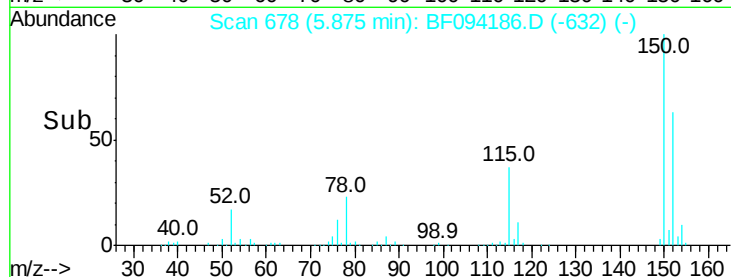
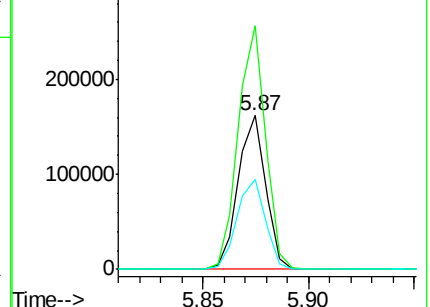
115 58.9 52.2 78.2



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: 30.38 ng

RT: 4.40 min Scan# 428

Delta R.T. -0.03 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

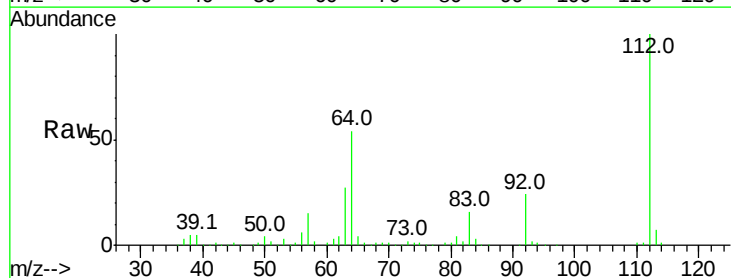
Tgt Ion:112 Resp: 259530

Ion Ratio Lower Upper

112 100

64 53.8 46.0 69.0

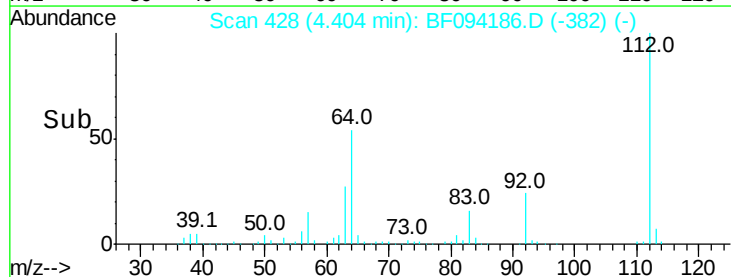
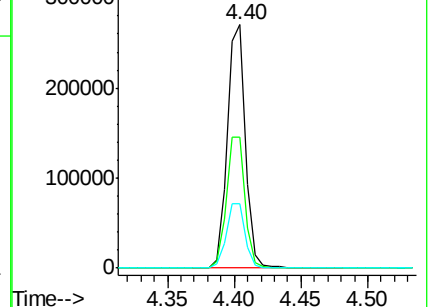
63 26.6 23.4 35.0

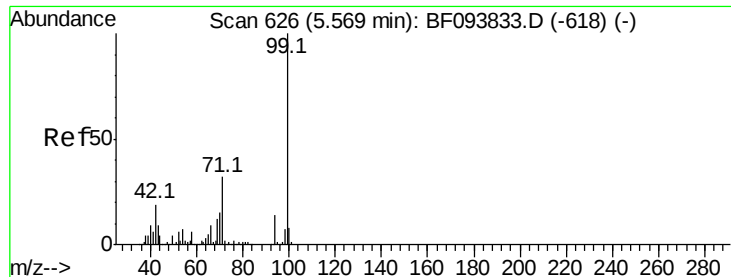


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.68 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.04 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

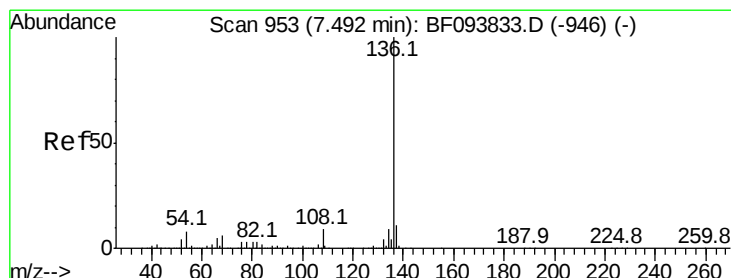
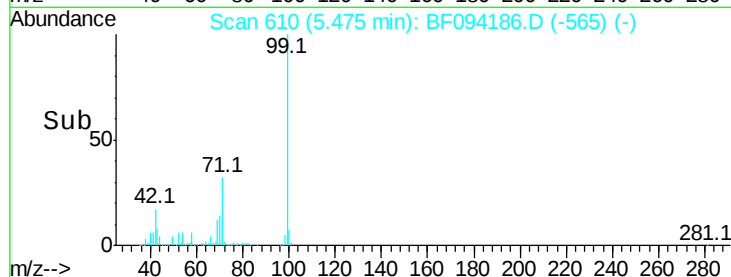
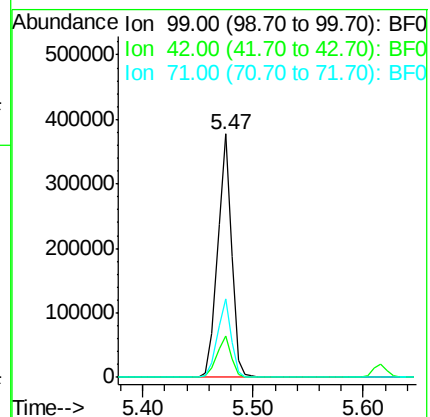
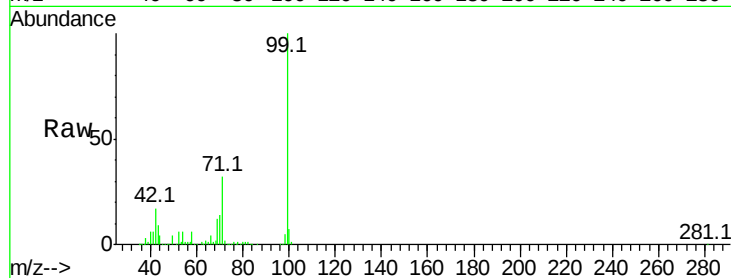
Tot Ion: 99 Resp: 324309

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

71 32.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Tgt Ion: 136 Resp: 576714

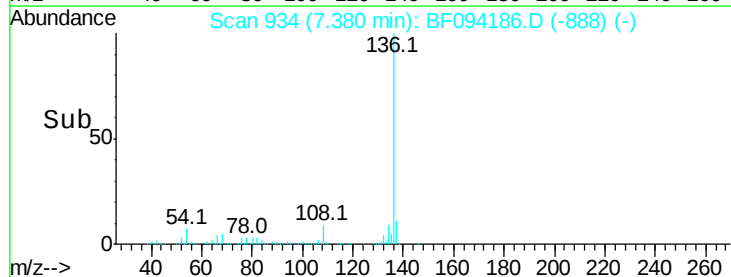
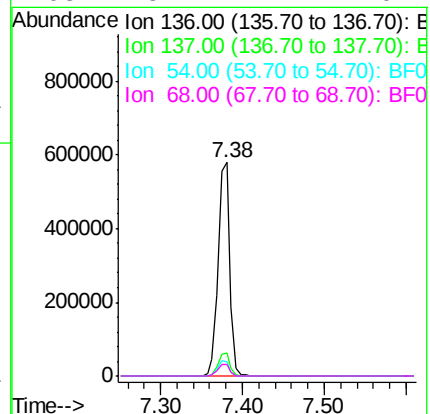
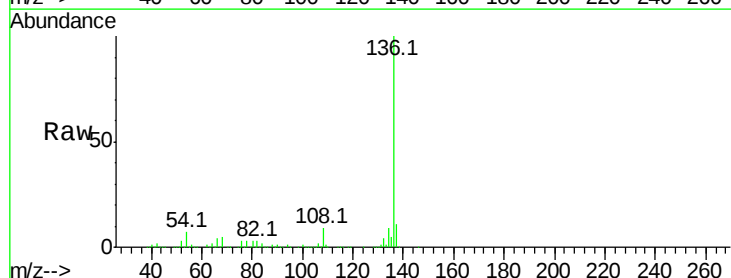
Ion Ratio Lower Upper

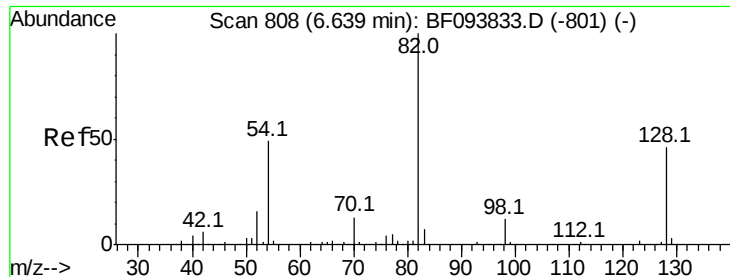
136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

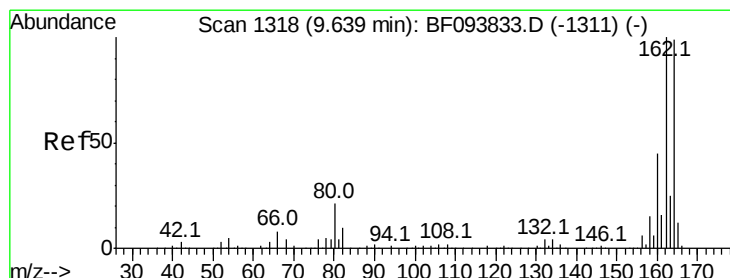
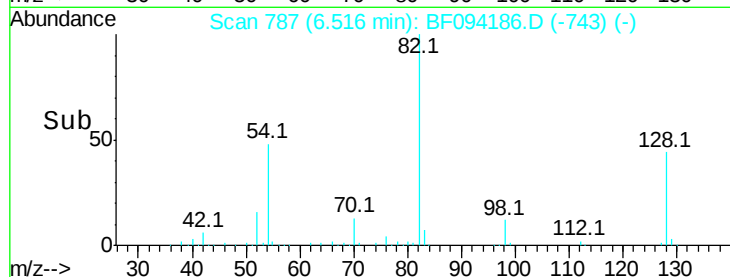
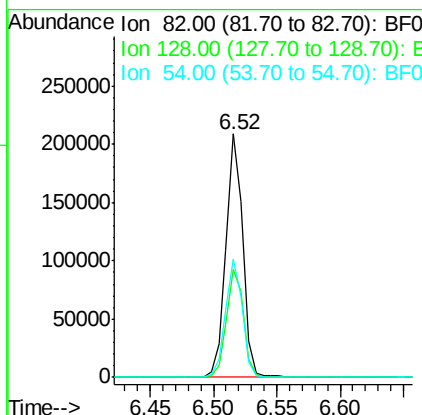
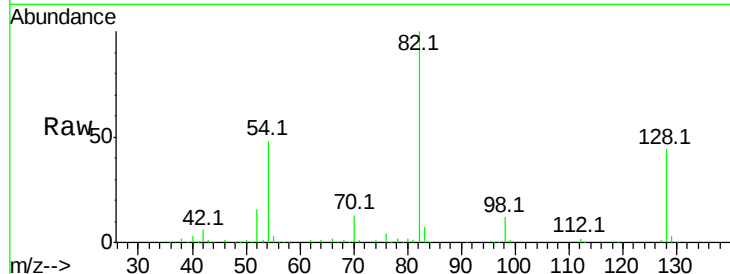




#23
 Nitrobenzene-d5
 Concen: 18.97 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

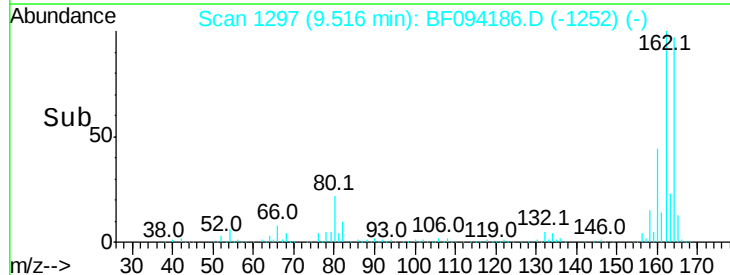
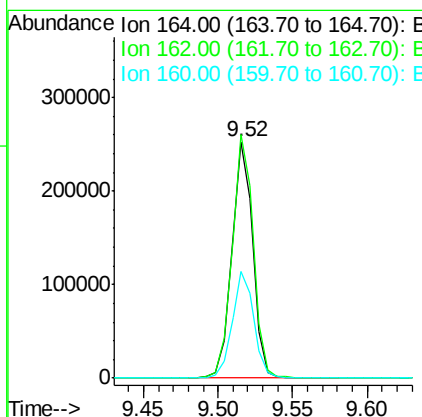
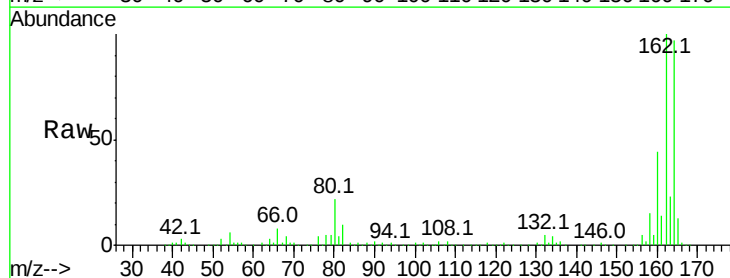
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

Tot Ion	82	Resp	191750
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.0	51.0
54	48.3	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.04 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

Tgt Ion	164	Resp	250108
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.6	123.8
160	45.2	36.2	54.2

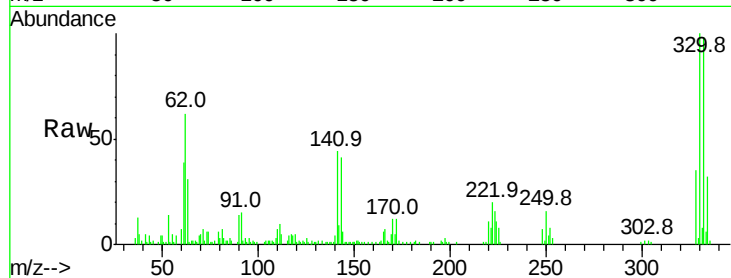




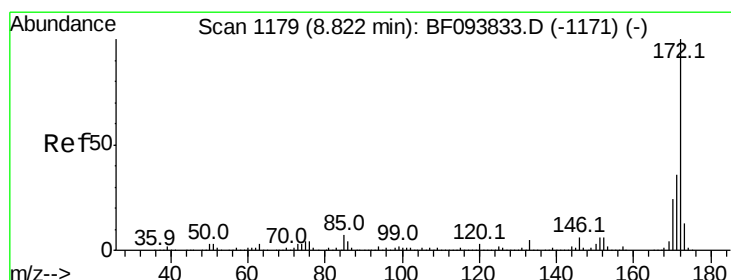
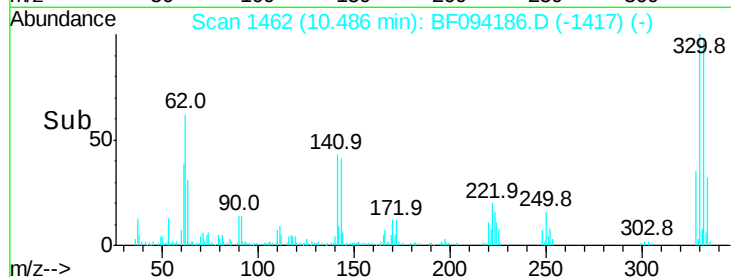
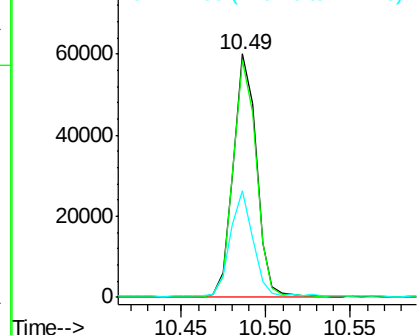
#41
 2,4,6-Tribromophenol
 Concen: 29.10 ng
 RT: 10.49 min Scan# 1462
 Delta R.T. -0.04 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	45.8	31.4	47.2

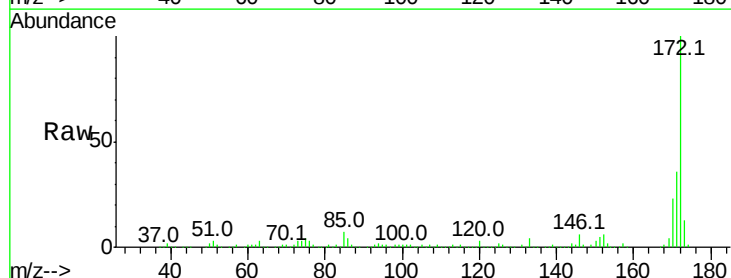


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

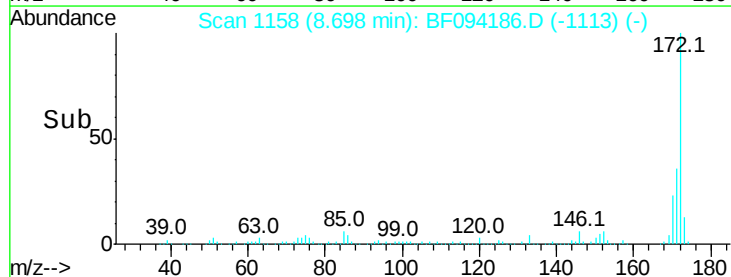
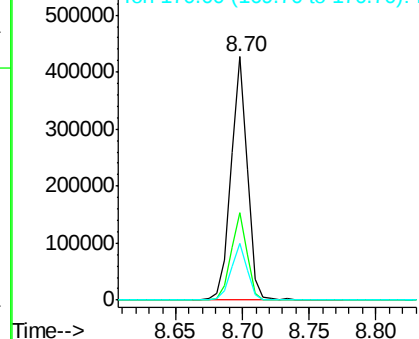


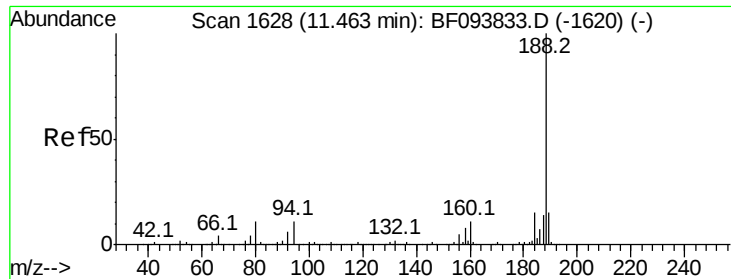
#44
 2-Fluorobiphenyl
 Concen: 22.71 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.04 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 1607

Delta R.T. -0.04 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

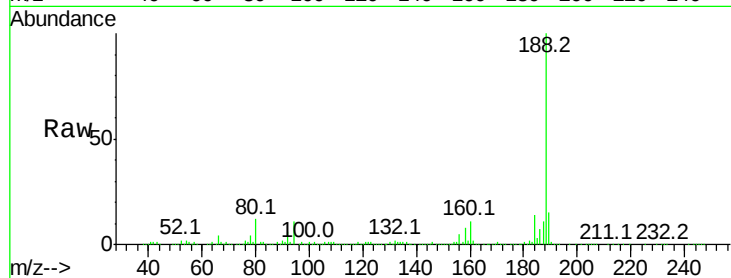
Tot Ion:188 Resp: 415003

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

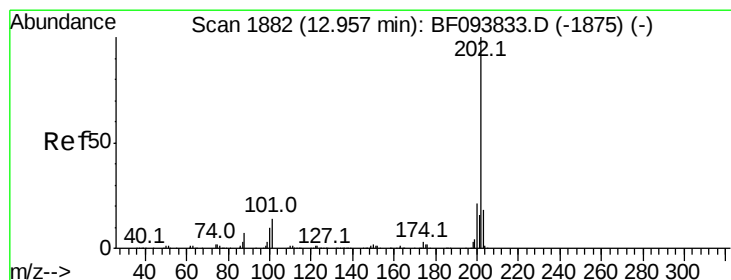
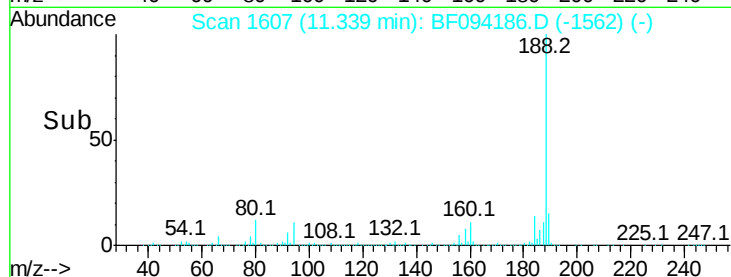
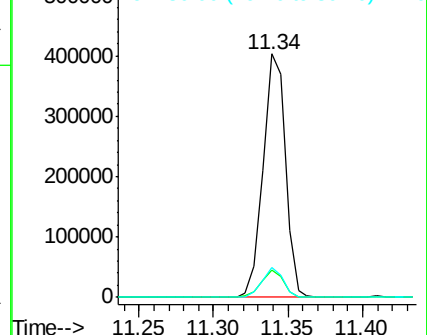
80 12.4 10.2 15.2



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: 3.30 ng

RT: 12.83 min Scan# 1861

Delta R.T. -0.04 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

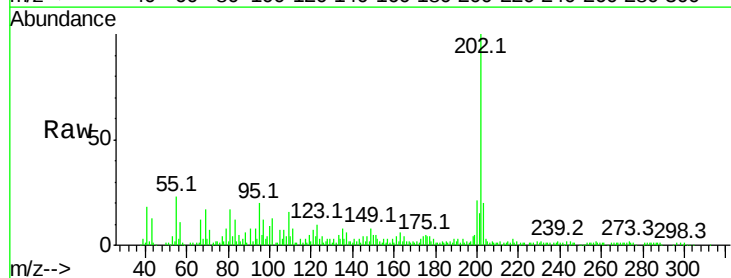
Tgt Ion:202 Resp: 77922

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

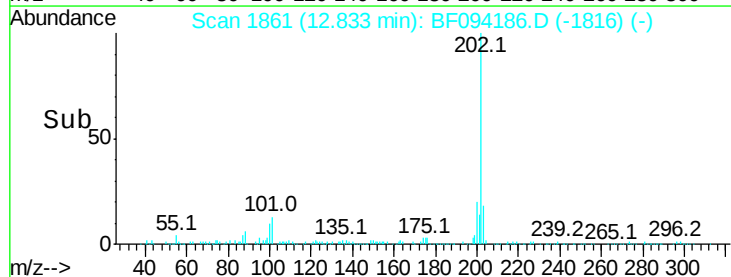
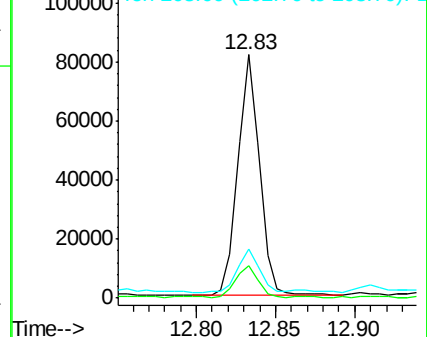
203 20.4 0.0 38.1

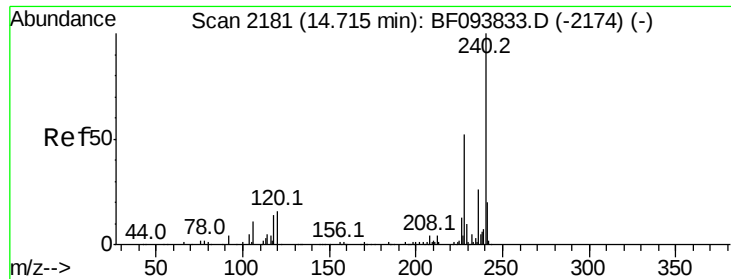


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

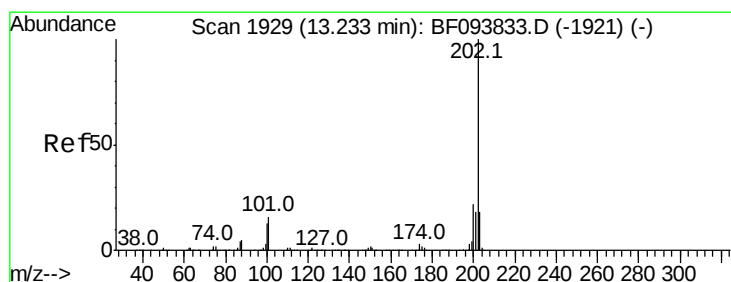
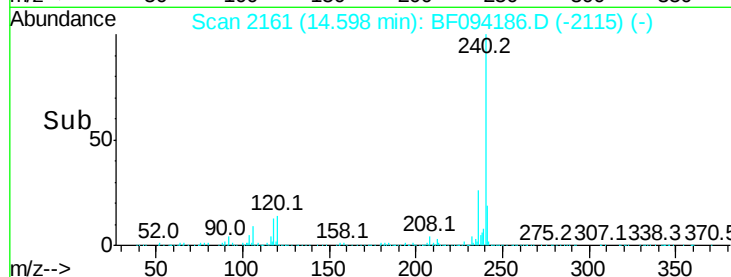
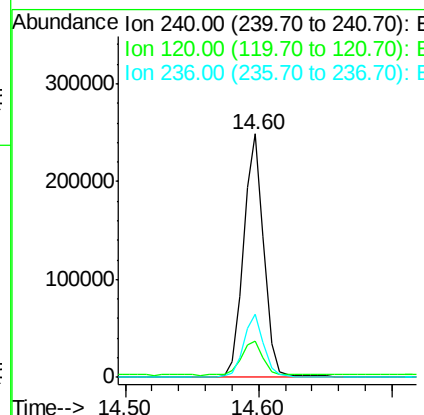
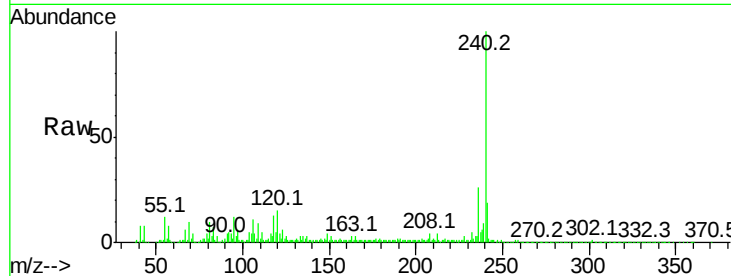




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.03 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

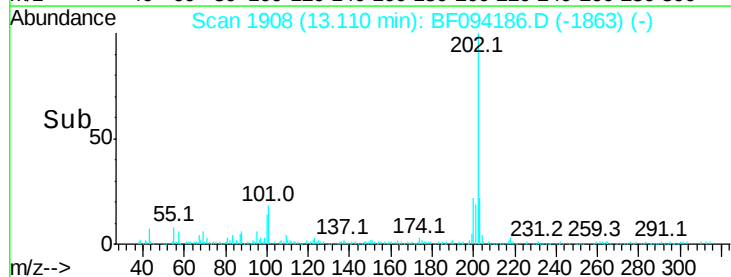
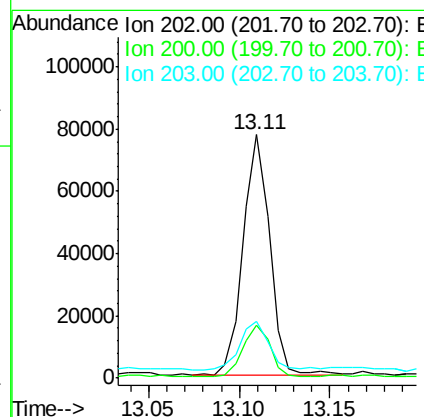
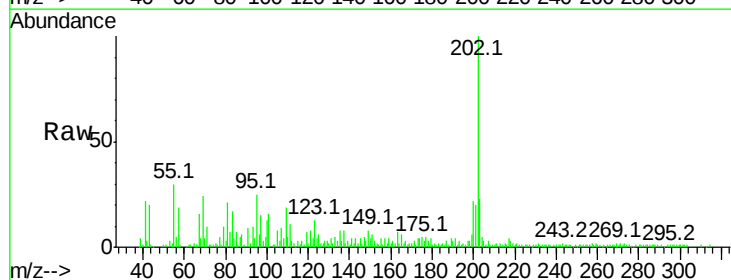
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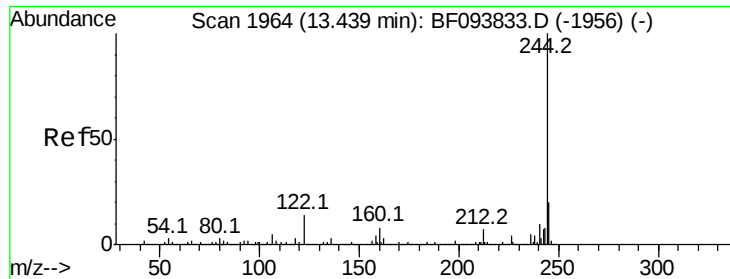
Tot Ion:240 Resp: 259223
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.9 20.5 30.7



#77
Pyrene
Concen: 4.17 ng
RT: 13.11 min Scan# 1908
Delta R.T. -0.04 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

Tgt Ion:202 Resp: 78439
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 23.4 14.4 21.6#





#78

Terphenyl-d14

Concen: 19.98 ng

RT: 13.32 min Scan# 1943

Delta R.T. -0.04 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

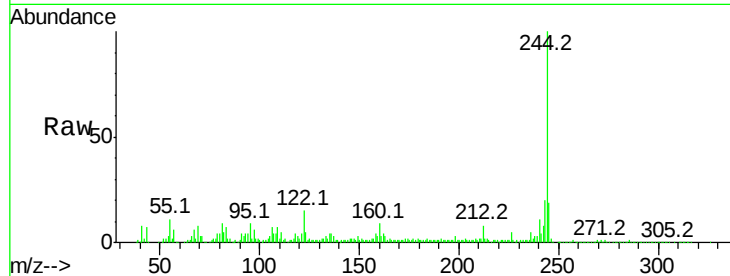
Tot Ion:244 Resp: 231111

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

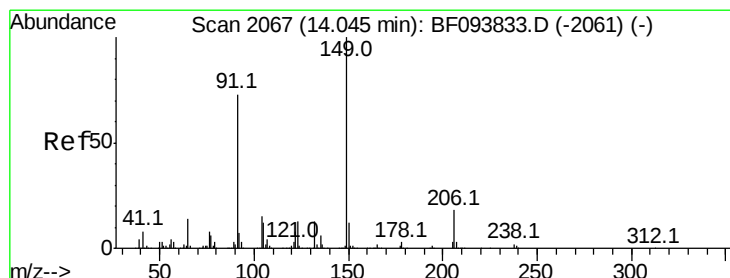
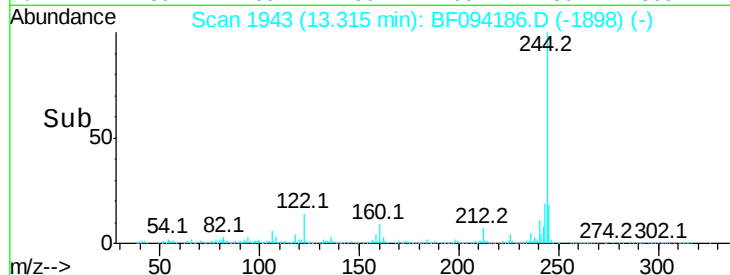
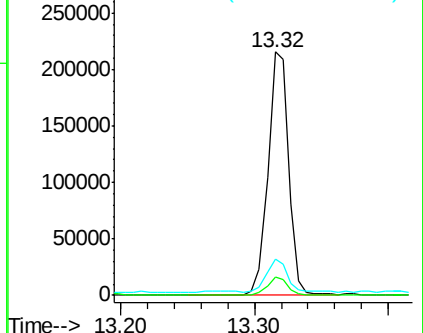
122 14.9 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 5.62 ng

RT: 13.93 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

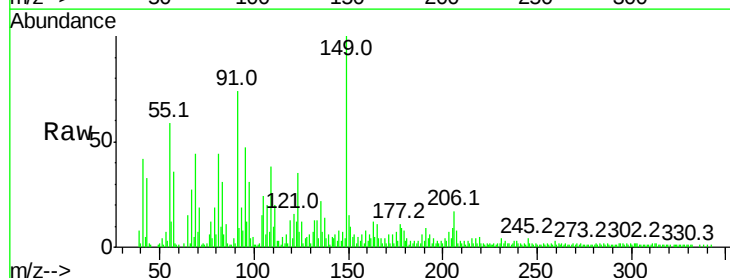
Tgt Ion:149 Resp: 45083

Ion Ratio Lower Upper

149 100

91 74.0 45.0 67.4#

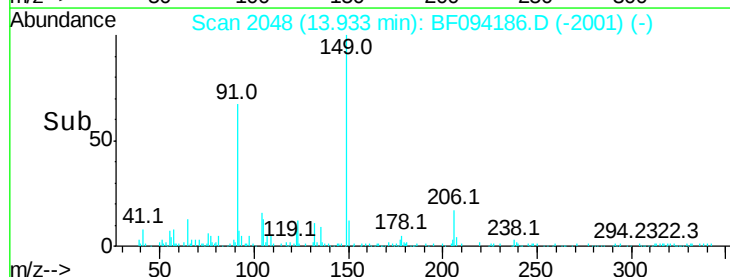
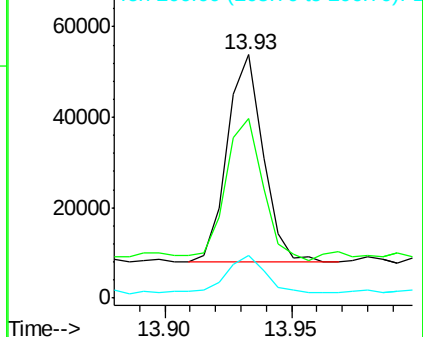
206 17.4 17.0 25.6

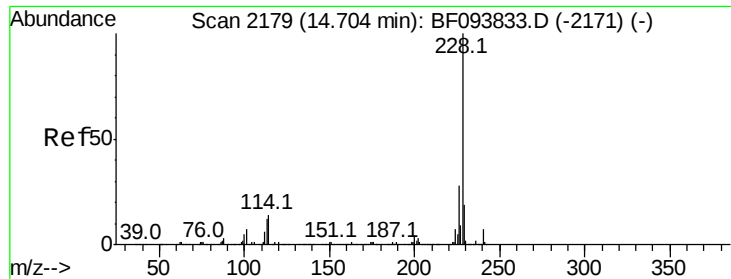


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

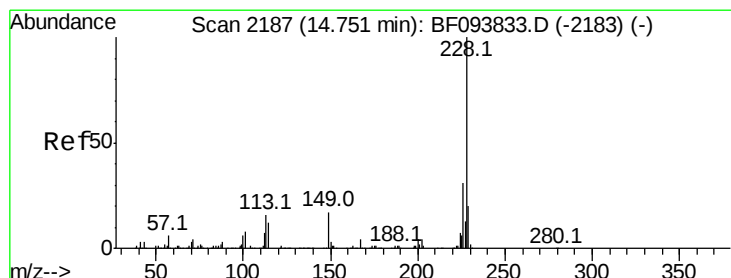
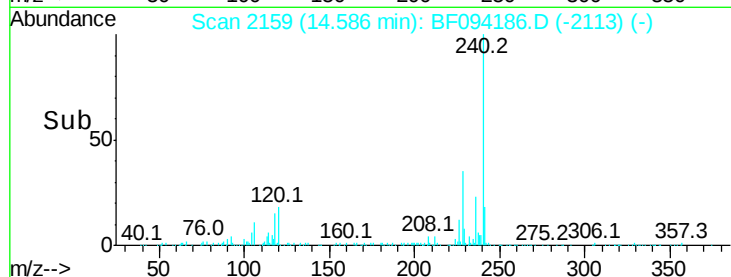
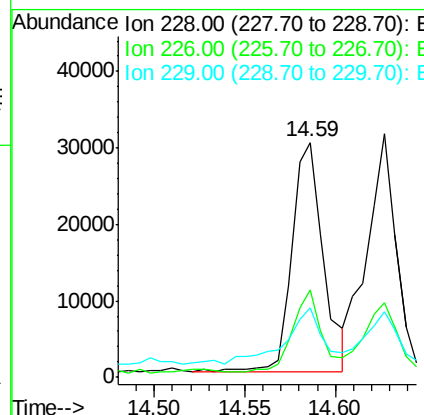
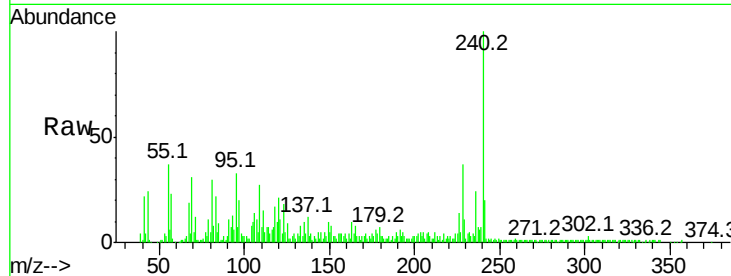




#80
Benzo(a)anthracene
Concen: 2.41 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

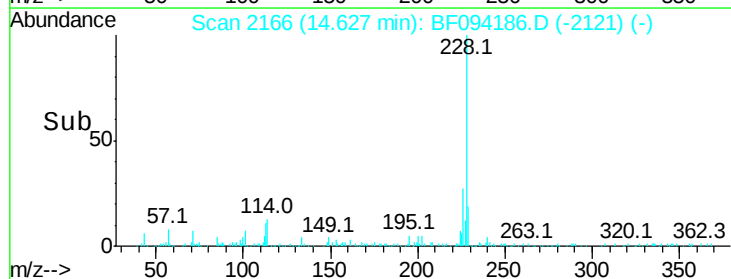
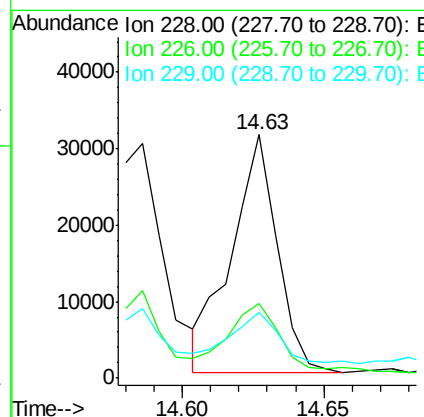
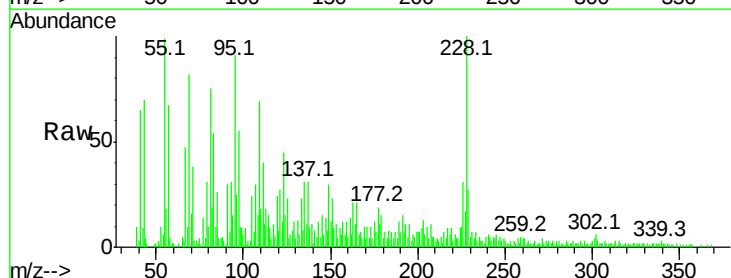
Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

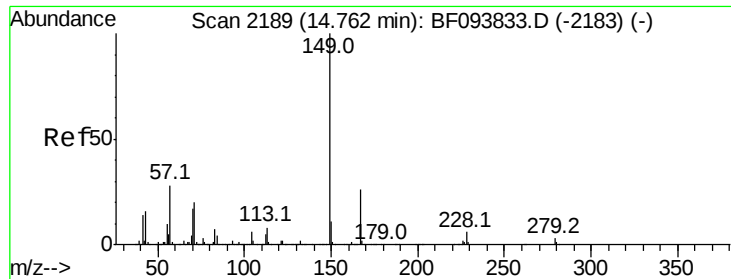
Tot Ion:228 Resp: 36360
Ion Ratio Lower Upper
228 100
226 37.4 22.6 33.8#
229 29.4 16.3 24.5#



#82
Chrysene
Concen: 2.52 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

Tgt Ion:228 Resp: 35378
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 27.2 15.8 23.6#

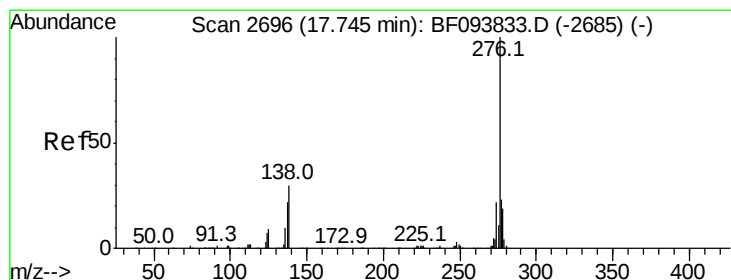
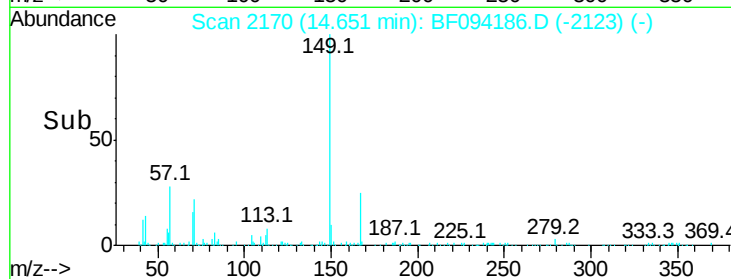
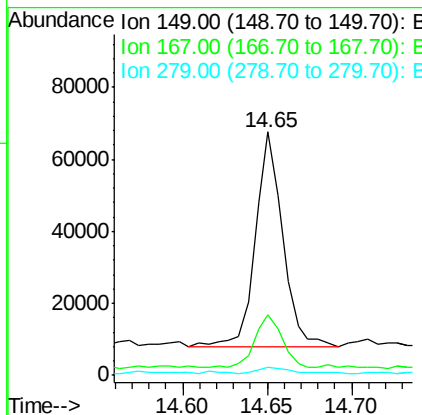
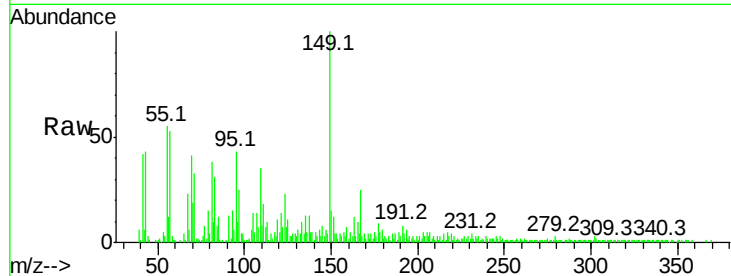




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.12 ng
 RT: 14.65 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

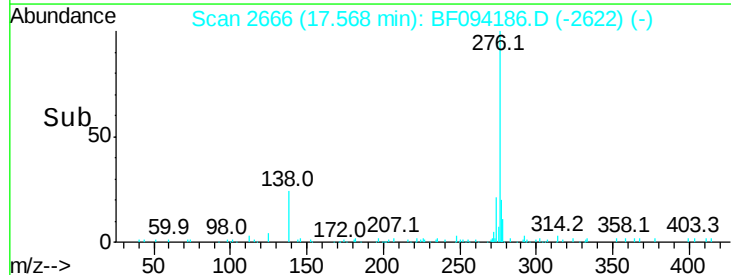
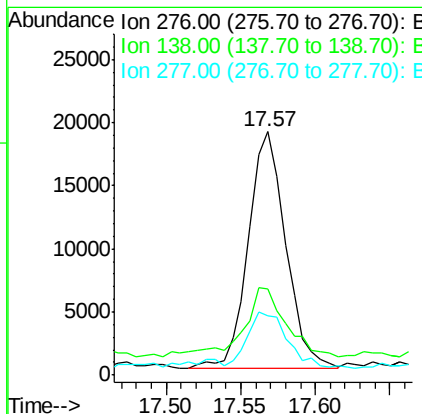
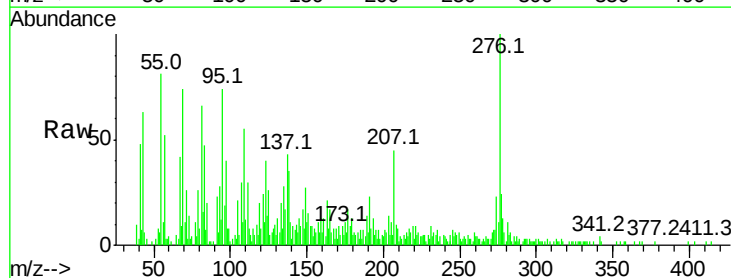
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SP04-COMP

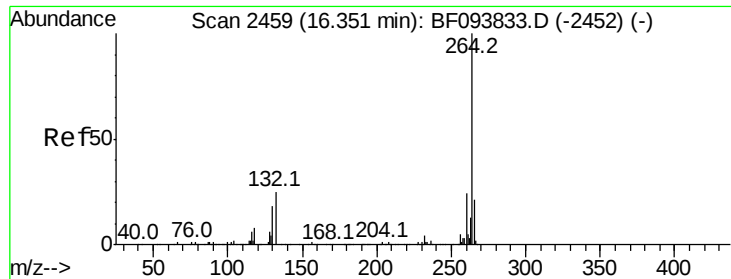
Tot Ion:149 Resp: 66967
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 3.3 1.9 2.9#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 17.57 min Scan# 2666
 Delta R.T. -0.04 min
 Lab File: BF094186.D
 Acq: 5 Apr 2017 00:04

Tgt Ion:276 Resp: 32511
 Ion Ratio Lower Upper
 276 100
 138 34.5 27.8 41.6
 277 24.9 20.2 30.4



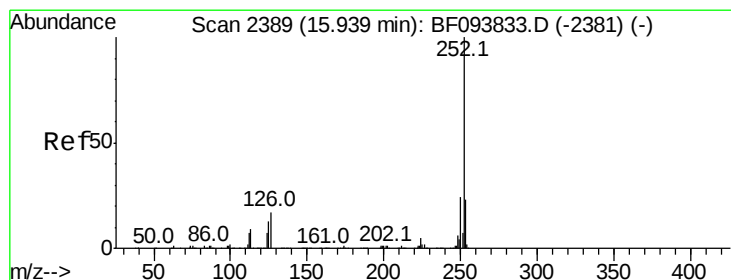
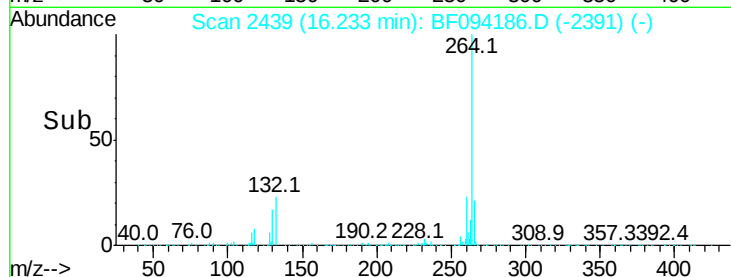
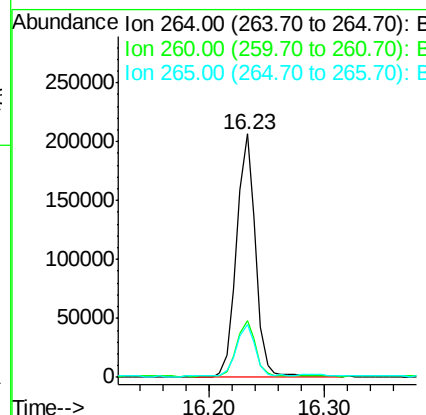
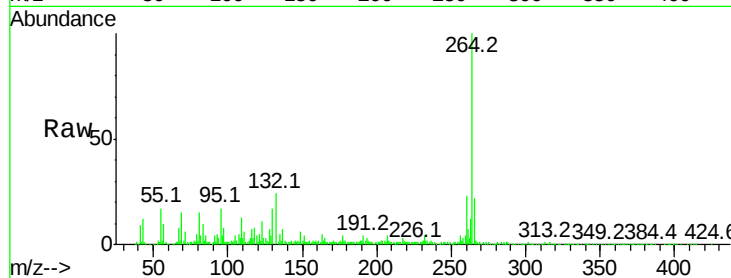


#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.23 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

Instrument :
BNA_F
ClientSampleId :
LSS-SP04-COMP

Tot Ion:264 Resp: 233322

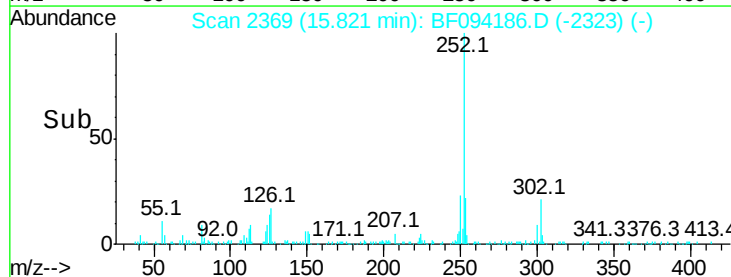
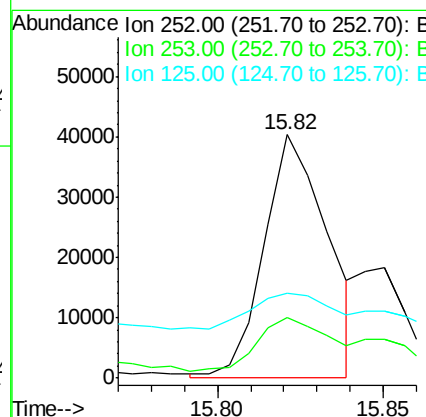
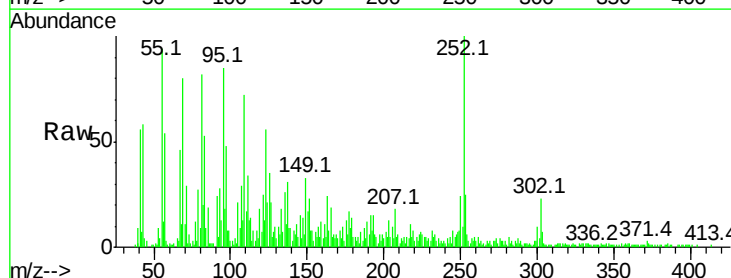
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.7	17.2	25.8

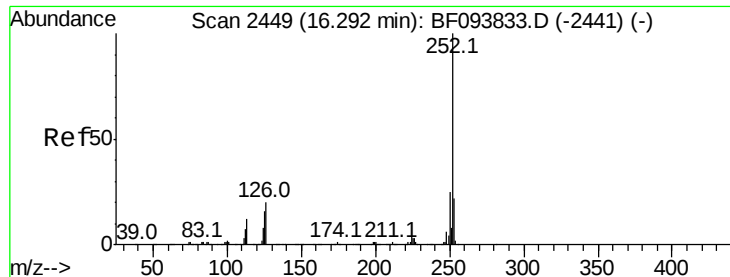


#87
Benzo(b)fluoranthene
Concen: 3.75 ng m
RT: 15.82 min Scan# 2369
Delta R.T. -0.03 min
Lab File: BF094186.D
Acq: 5 Apr 2017 00:04

Tgt Ion:252 Resp: 53677

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	34.6	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.97 ng

RT: 16.17 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

Instrument :

BNA_F

ClientSampleId :

LSS-SP04-COMP

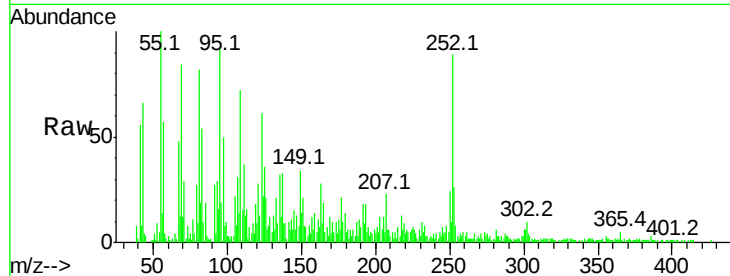
Tot Ion:252 Resp: 39141

Ion Ratio Lower Upper

252 100

253 29.2 17.5 26.3#

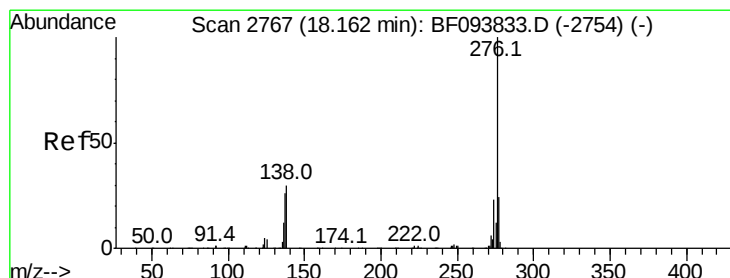
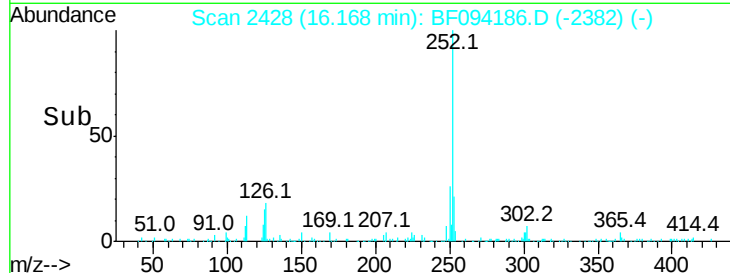
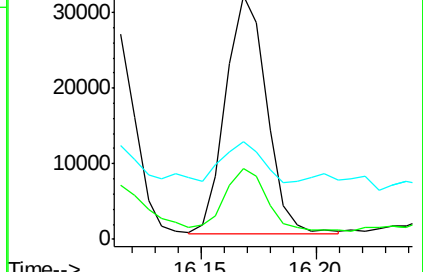
125 40.1 11.0 16.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 3.75 ng

RT: 17.96 min Scan# 2733

Delta R.T. -0.05 min

Lab File: BF094186.D

Acq: 5 Apr 2017 00:04

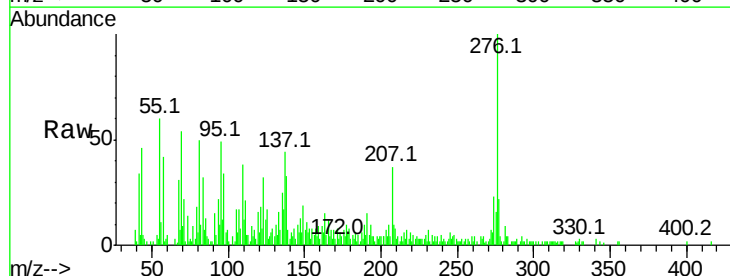
Tgt Ion:276 Resp: 42116

Ion Ratio Lower Upper

276 100

277 22.0 18.6 28.0

138 32.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

