

Data File : BF093003.D
Acq On : 17 Feb 2017 1:27
Operator : SJ/MA
Sample : I1825-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AIRSIDELIFTSAMPLE1C

Quant Time: Feb 17 02:16:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	153017	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	543630	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	264076	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	380995	20.00	ng	0.00
75) Chrysene-d12	14.02	240	331095	20.00	ng	0.00
86) Perylene-d12	15.46	264	234015	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	172343	19.32	ng	0.00
7) Phenol-d6	6.50	99	209436	18.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	102743	10.52	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	22356	11.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	229686	15.76	ng	0.00
78) Terphenyl-d14	12.96	244	152252	10.80	ng	-0.01

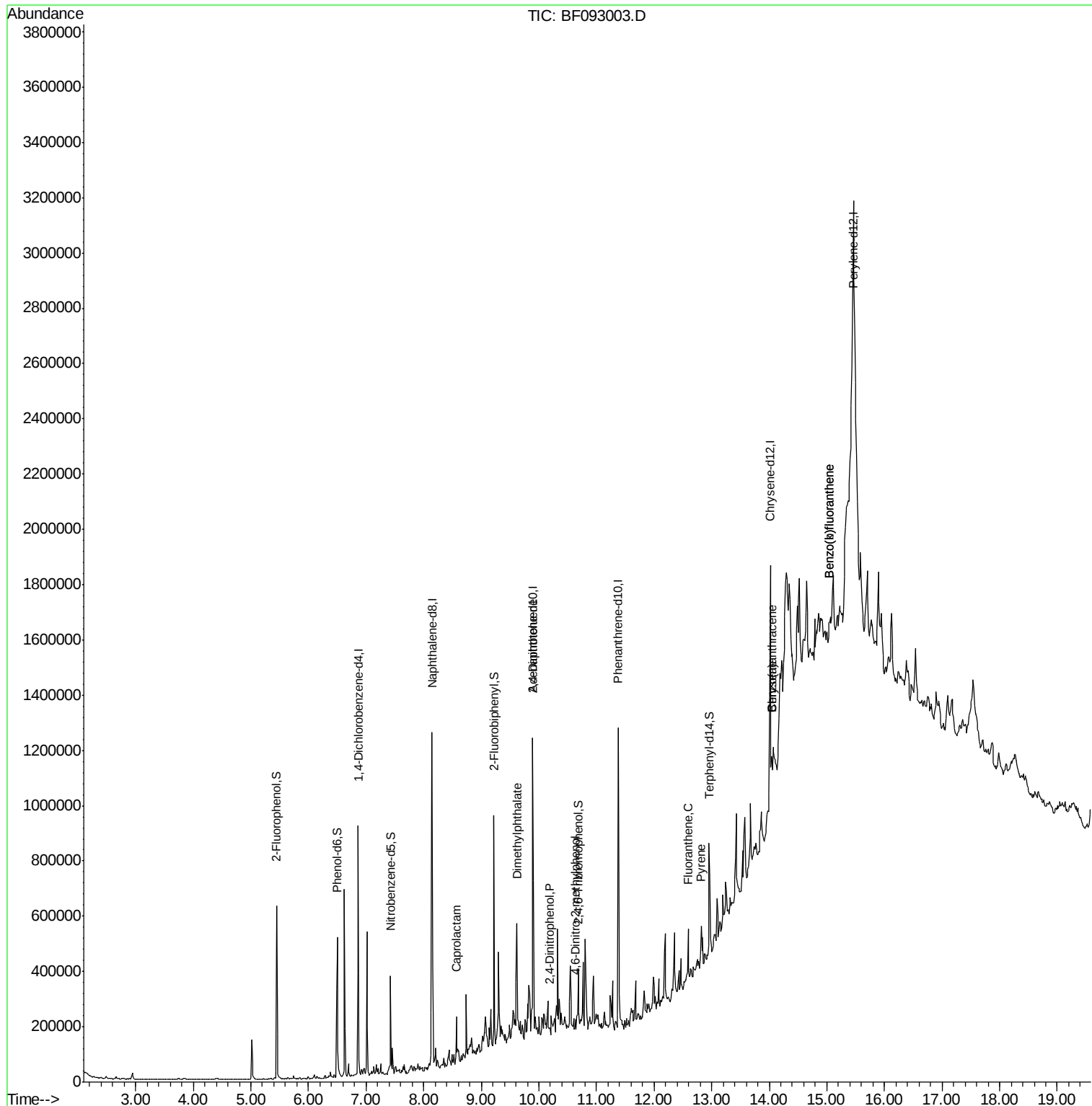
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
35) Caprolactam	8.57	113	5378	2.19	ng	# 1
49) Dimethylphthalate	9.62	163	60549	3.40	ng	# 98
53) 2,4-Dinitrophenol	10.18	184	565	5.01	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	36657	7.17	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	213	2.76	ng	# 1
74) Fluoranthene	12.59	202	69015	3.07	ng	98
77) Pyrene	12.82	202	58658	2.37	ng	97
80) Benzo(a)anthracene	14.04	228	71953	3.55	ng	# 86
82) Chrysene	14.04	228	71953	3.79	ng	# 90
87) Benzo(b)fluoranthene	15.04	252	48700	3.16	ng	# 30
88) Benzo(k)fluoranthene	15.04	252	48757	3.67	ng	# 31

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.01 min

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BNA_F

ClientSampleId :

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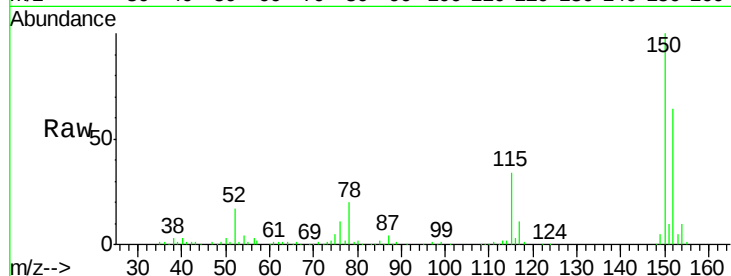
Tgt Ion:152 Resp: 153017

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

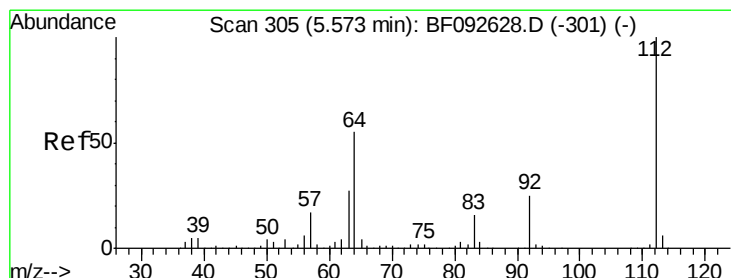
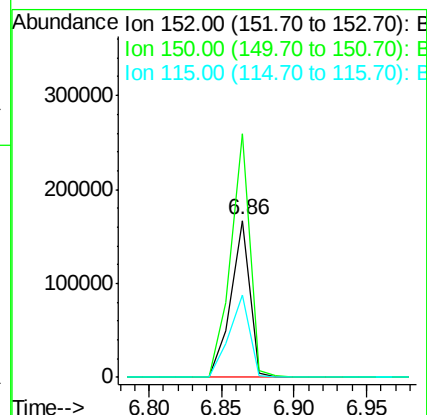
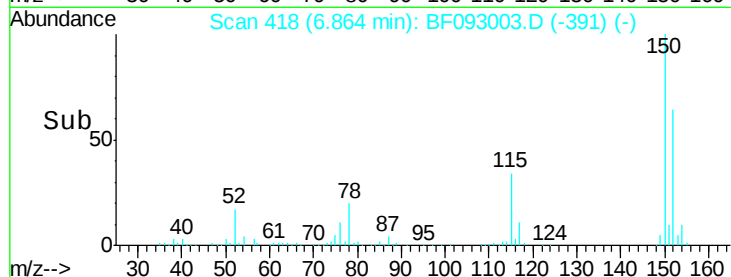
115 52.4 46.0 69.0



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: 19.32 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

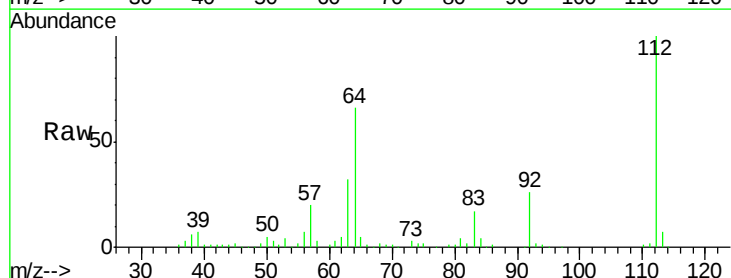
Tgt Ion:112 Resp: 172343

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

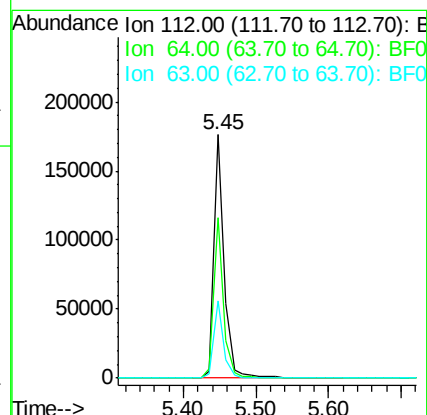
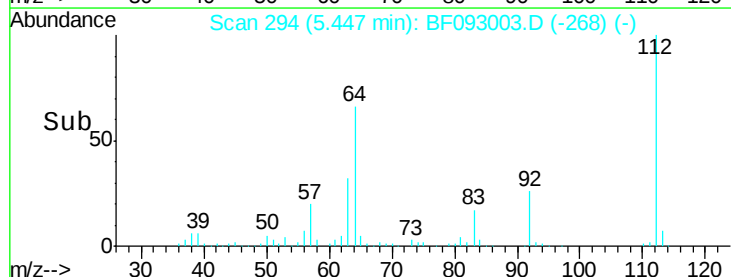
63 31.7 23.8 35.6



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: 18.25 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

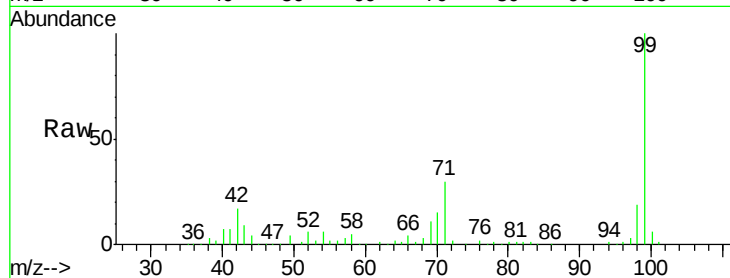
Tgt Ion: 99 Resp: 209436

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

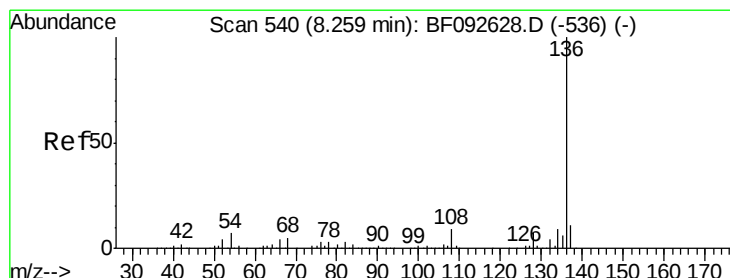
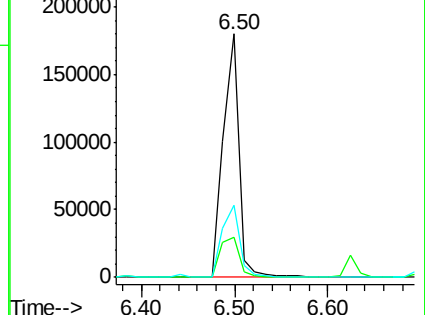
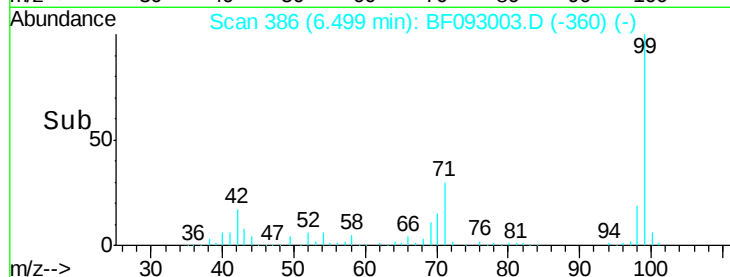
71 29.7 27.5 41.3



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: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Tgt Ion: 136 Resp: 543630

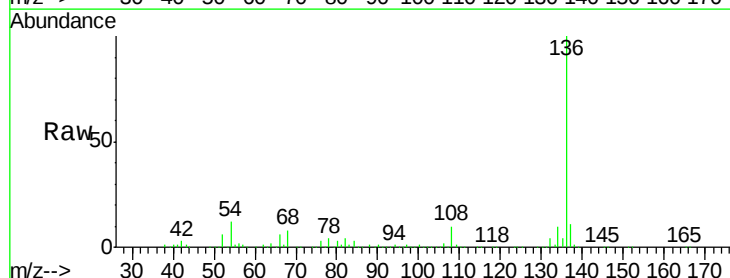
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 11.8 4.5 6.7#

68 8.3 3.6 5.4#

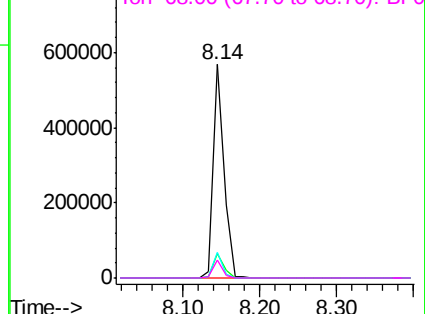
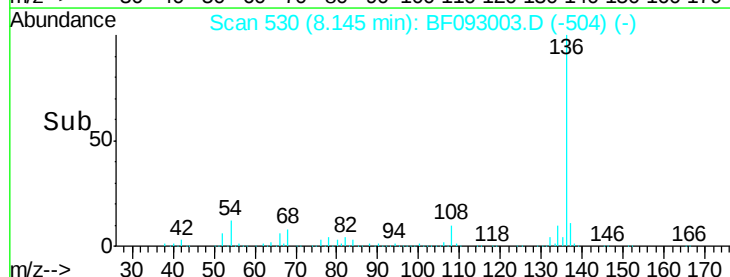


Abundance Ion 136.00 (135.70 to 136.70): E

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

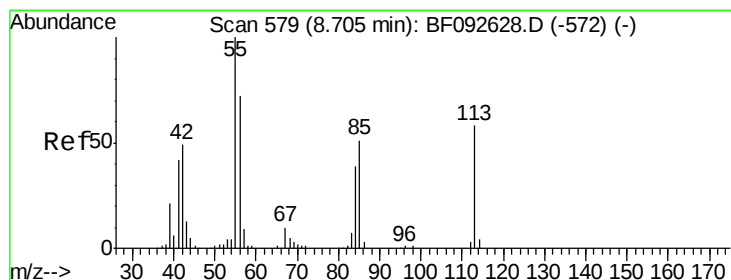
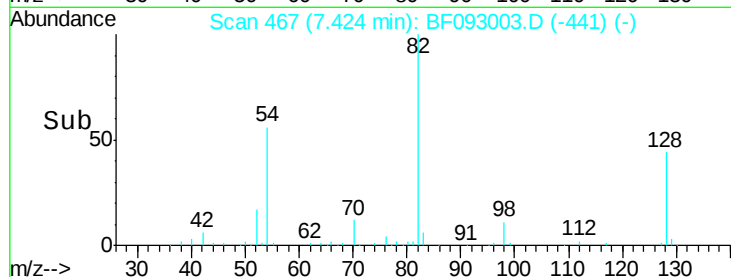
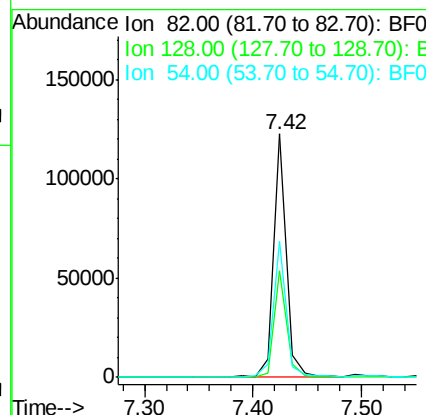
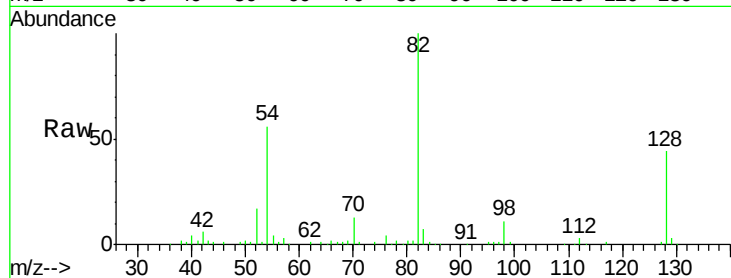




#23
Nitrobenzene-d5
Concen: 10.52 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

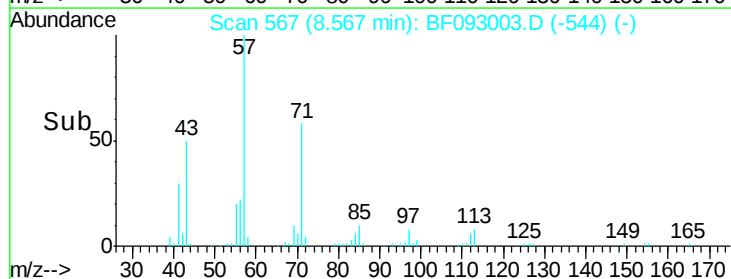
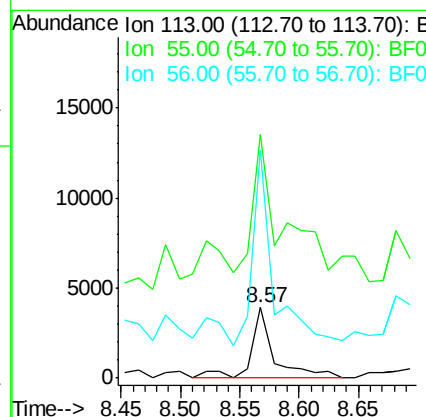
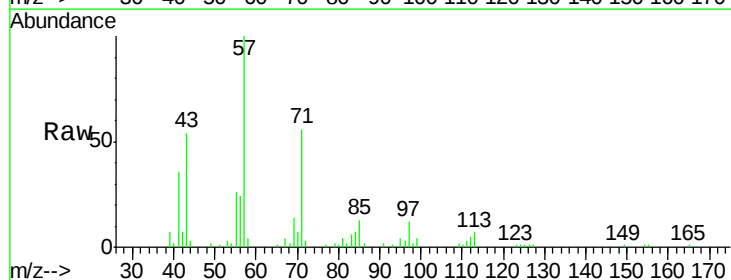
Instrument :
BNA_F
ClientSampleId :
AIRSIDELIFTSAMPLE1C

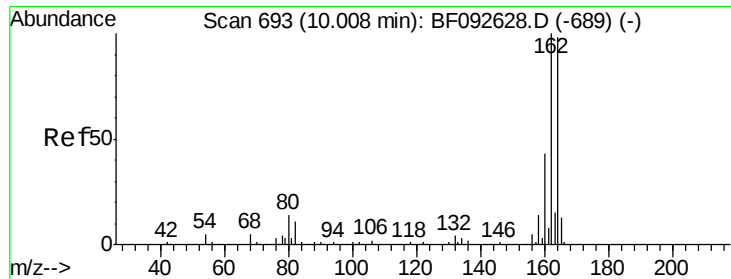
Tgt Ion: 82 Resp: 102743
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 56.0 39.5 59.3



#35
Caprolactam
Concen: 2.19 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.03 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion: 113 Resp: 5378
Ion Ratio Lower Upper
113 100
55 345.4 119.2 159.2#
56 323.0 83.8 123.8#

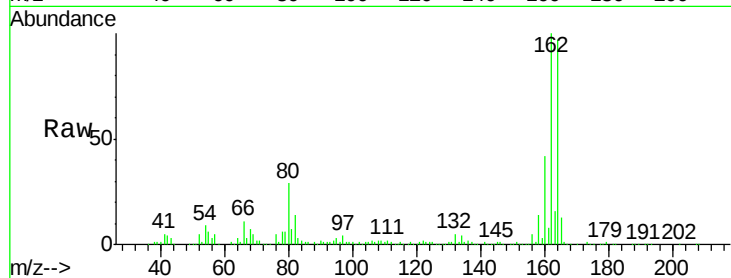




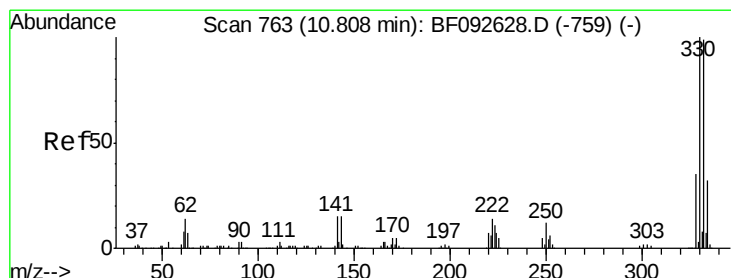
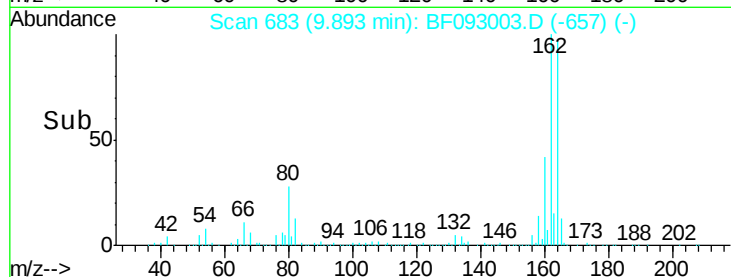
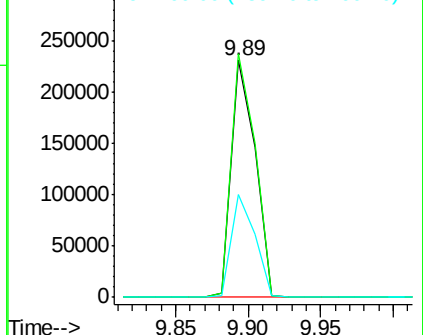
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Instrument :
BNA_F
ClientSampleId :
AIRSIDELIFTSAMPLE1C

Tgt Ion:164 Resp: 264076
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 43.2 36.9 55.3

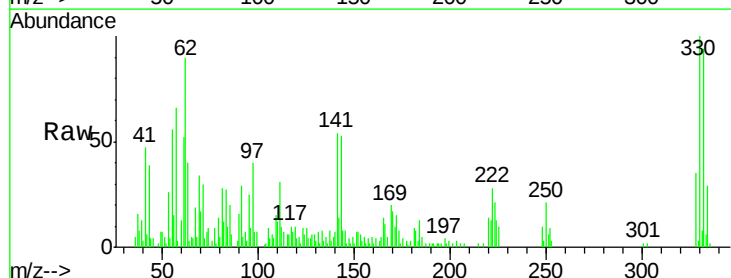


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

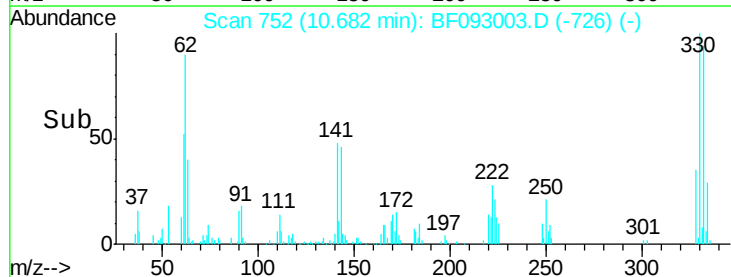
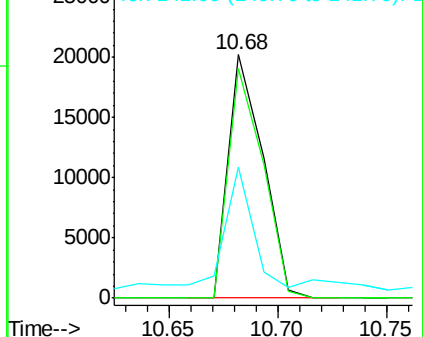


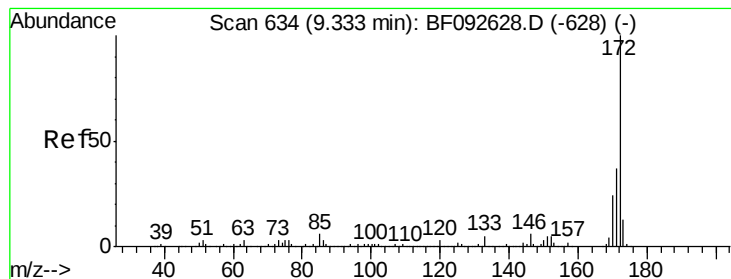
#41
2,4,6-Tribromophenol
Concen: 11.70 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion:330 Resp: 22356
Ion Ratio Lower Upper
330 100
332 94.1 77.4 116.2
141 48.0 34.1 51.1



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

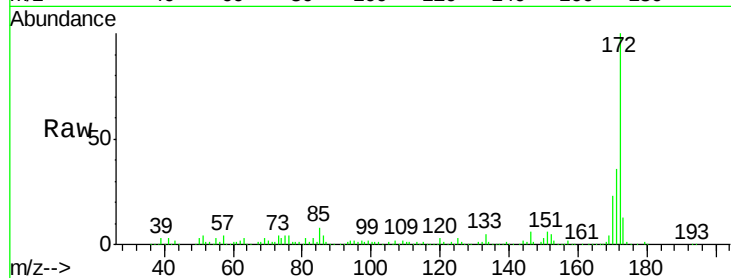




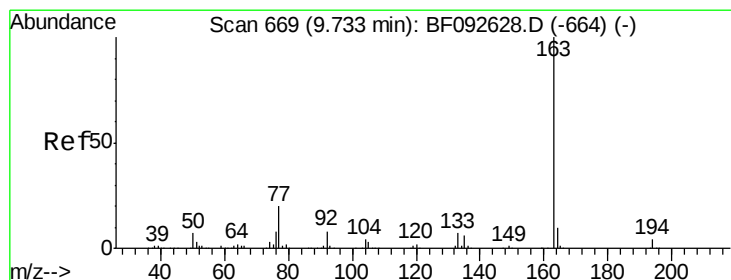
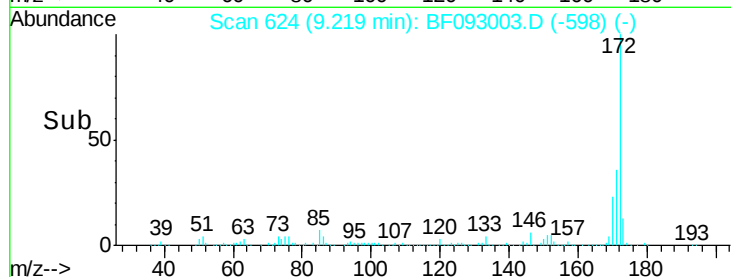
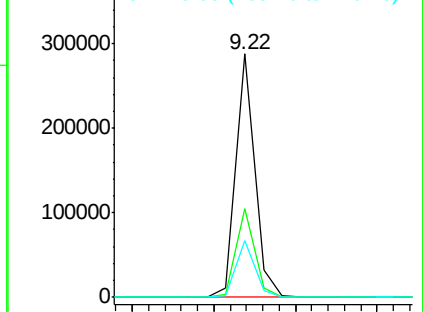
#44
2-Fluorobiphenyl
Concen: 15.76 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Instrument :
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Tgt Ion:172 Resp: 229686
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 23.5 20.2 30.4

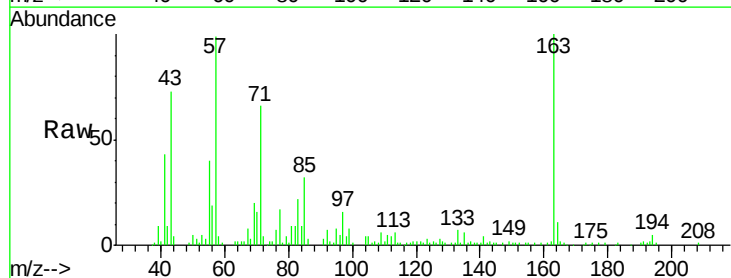


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

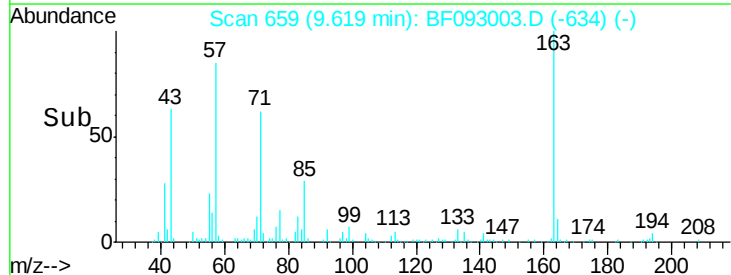
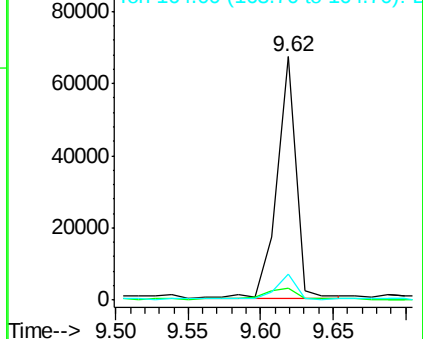


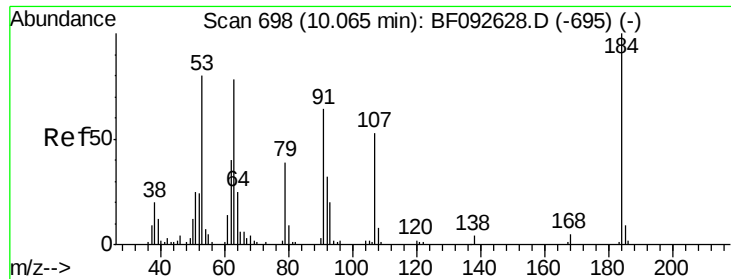
#49
Dimethylphthalate
Concen: 3.40 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion:163 Resp: 60549
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.4#
164 10.7 8.0 12.0



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

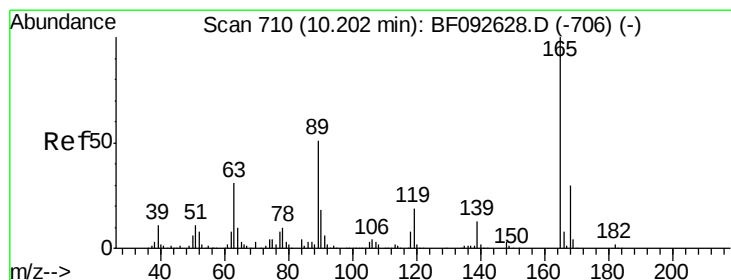
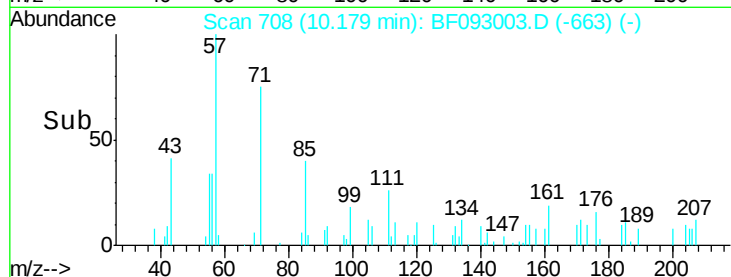
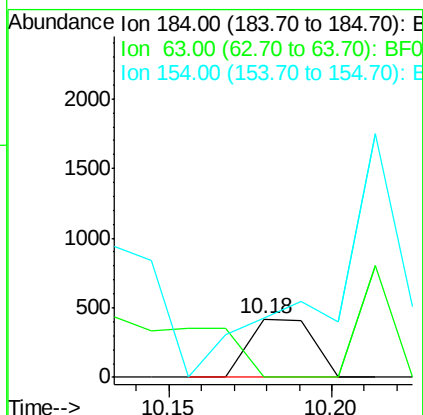
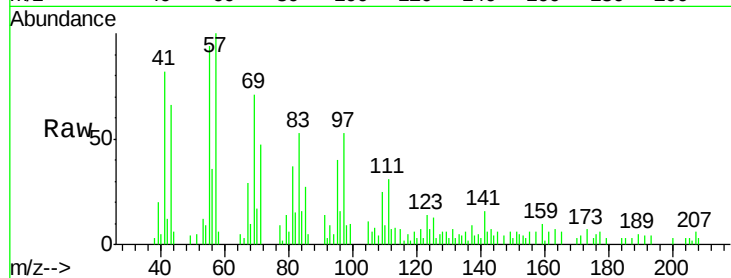




#53
2,4-Dinitrophenol
Concen: 5.01 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

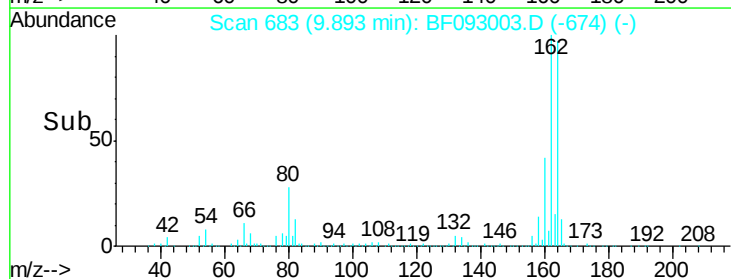
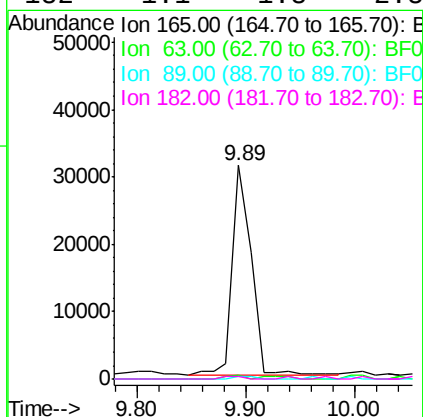
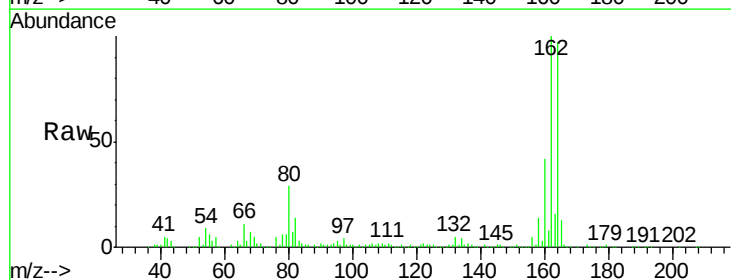
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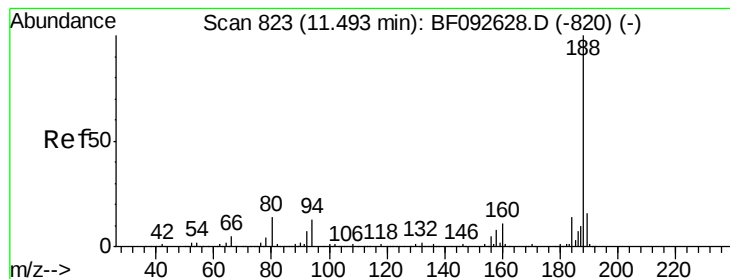
Tgt Ion:184 Resp: 565
Ion Ratio Lower Upper
184 100
63 0.0 28.4 42.6#
154 101.7 44.3 66.5#



#56
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.19 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion:165 Resp: 36657
Ion Ratio Lower Upper
165 100
63 1.8 40.2 60.4#
89 1.3 62.5 93.7#
182 1.1 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

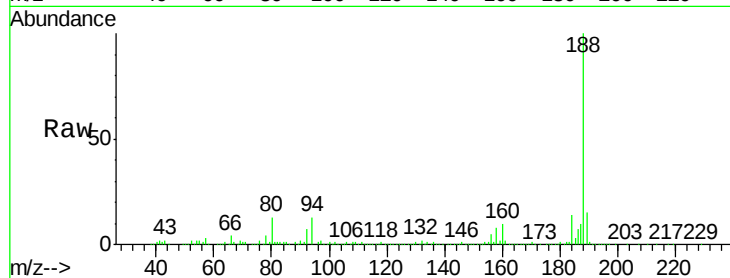
Tgt Ion:188 Resp: 380995

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

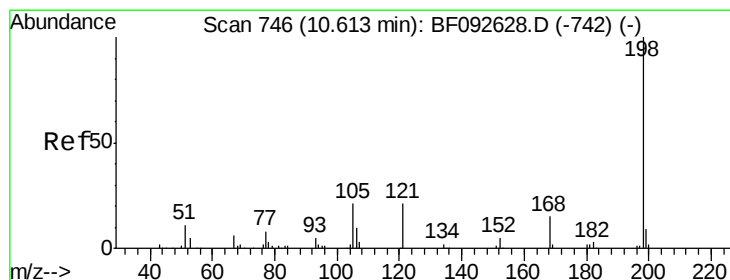
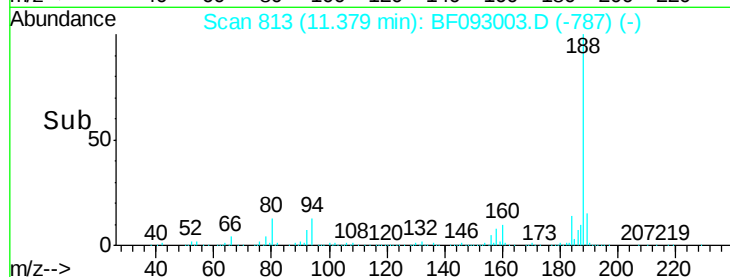
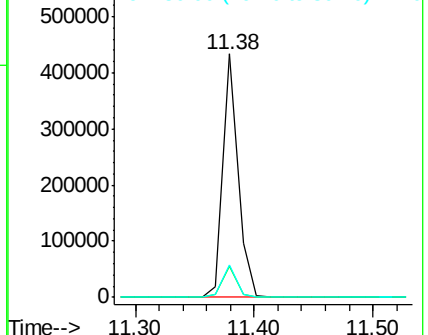
80 13.3 11.2 16.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 2.76 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

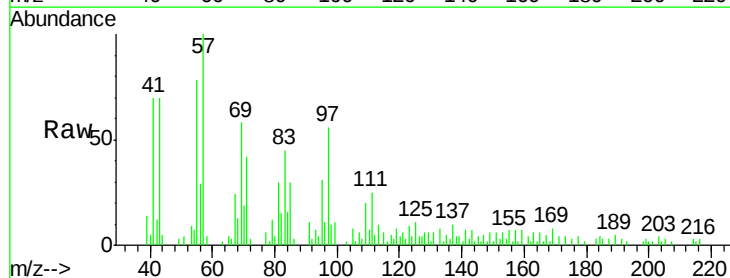
Tgt Ion:198 Resp: 213

Ion Ratio Lower Upper

198 100

51 233.1 6.7 46.7#

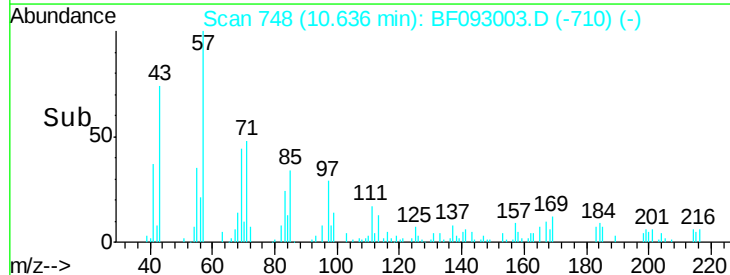
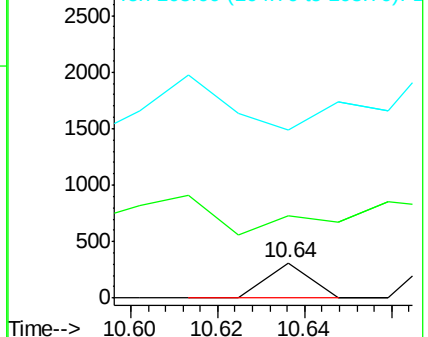
105 478.8 16.6 56.6#

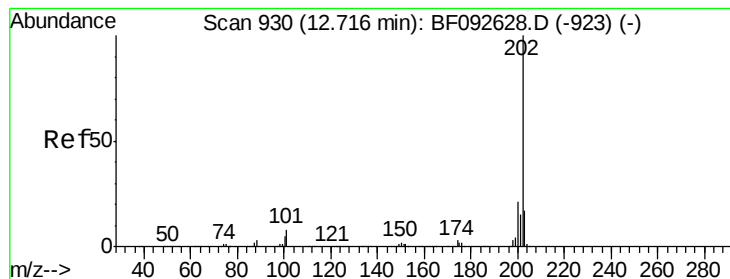


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#74

Fluoranthene

Concen: 3.07 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

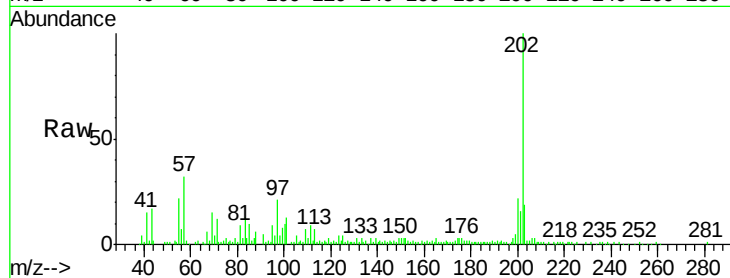
Tgt Ion:202 Resp: 69015

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.6

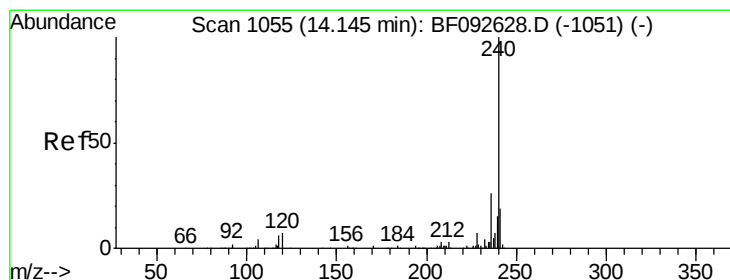
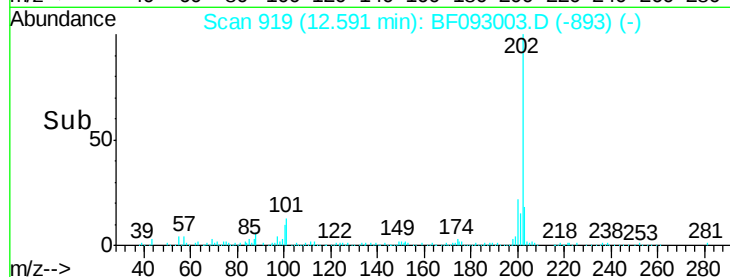
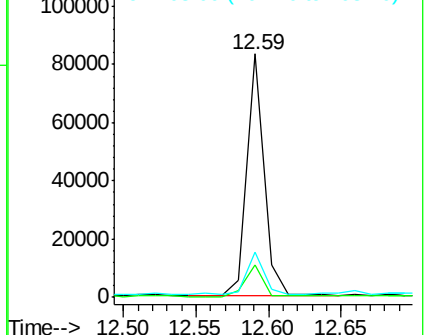
203 18.6 0.0 38.7



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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

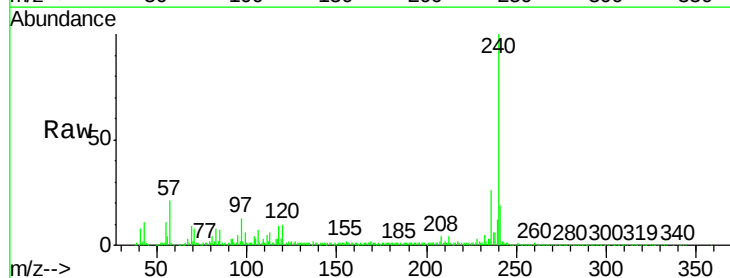
Tgt Ion:240 Resp: 331095

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

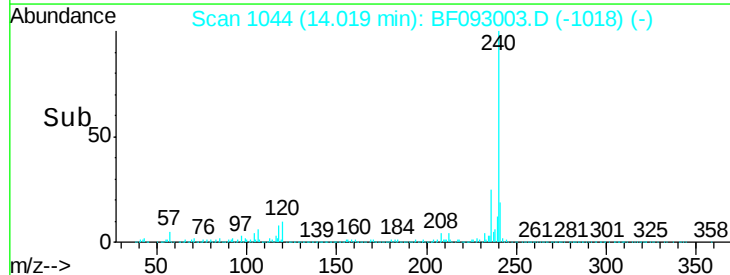
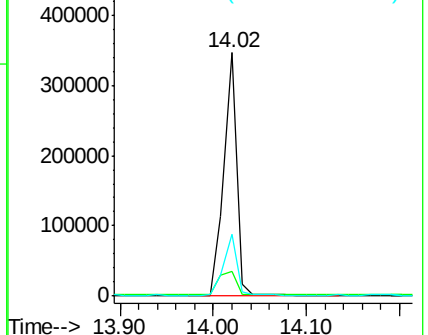
236 25.5 20.9 31.3

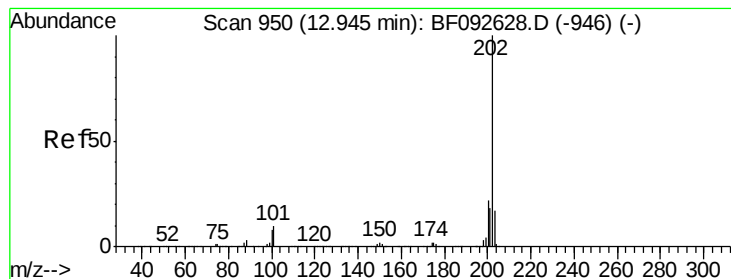


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.37 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

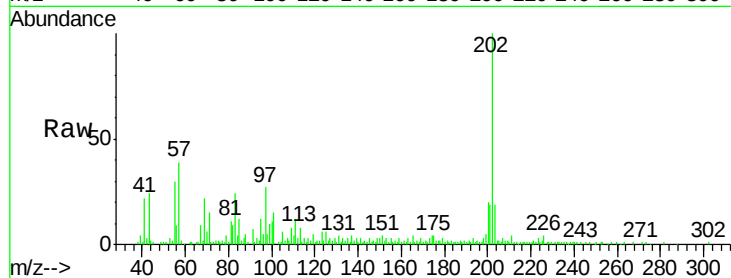
Tgt Ion:202 Resp: 58658

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

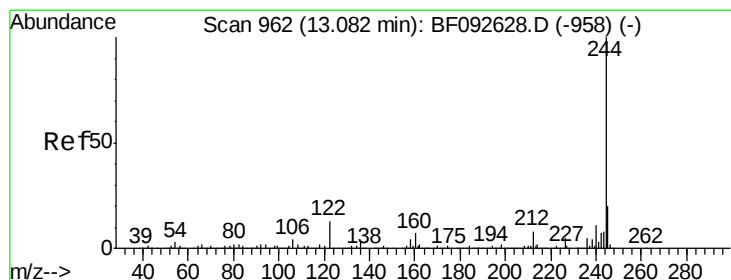
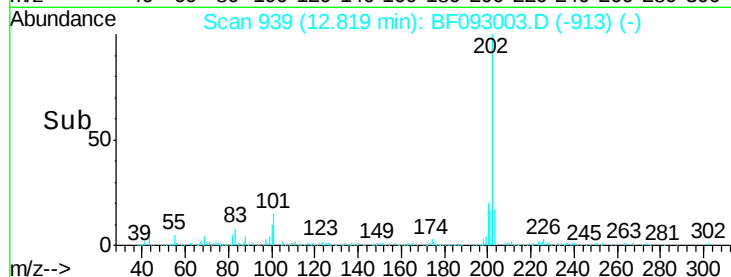
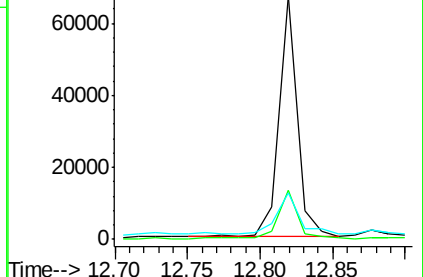
203 19.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 10.80 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

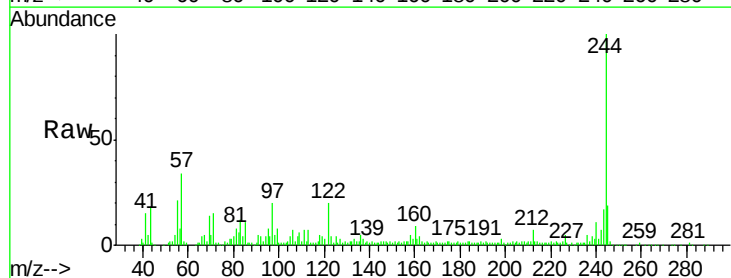
Tgt Ion:244 Resp: 152252

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

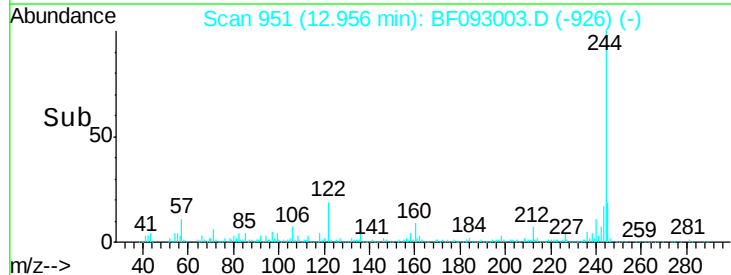
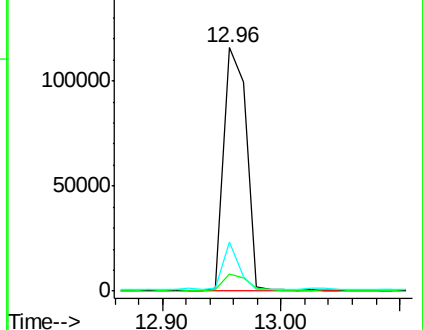
122 19.9 11.4 17.2#

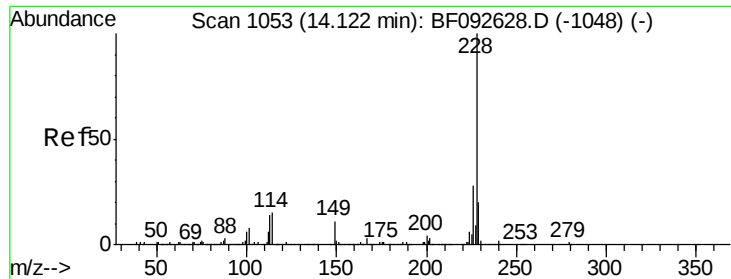


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

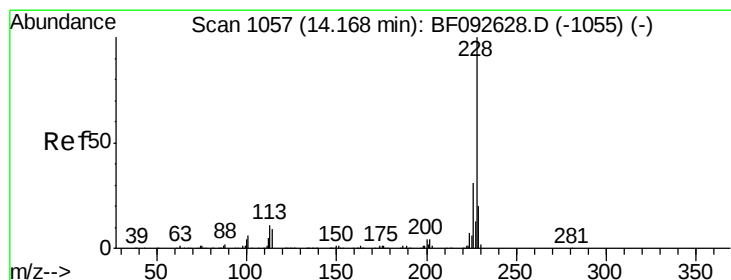
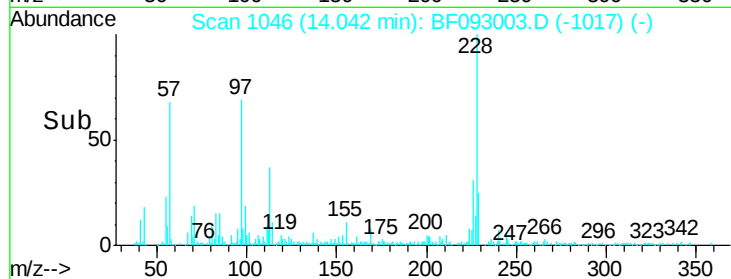
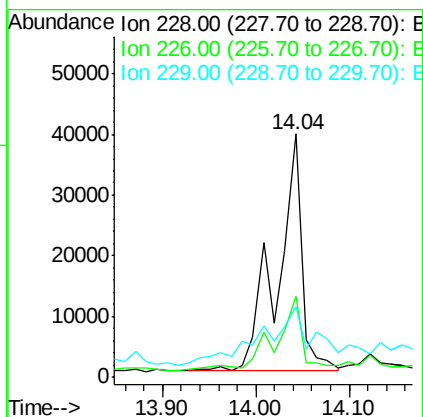
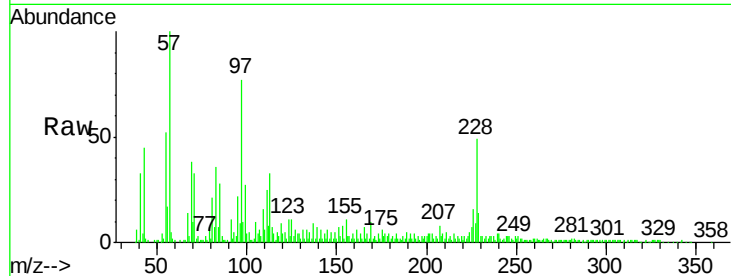




#80
Benzo(a)anthracene
Concen: 3.55 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

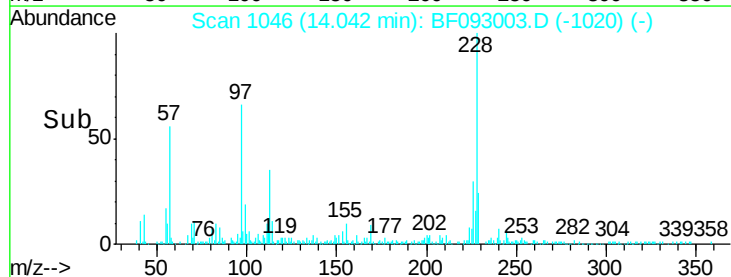
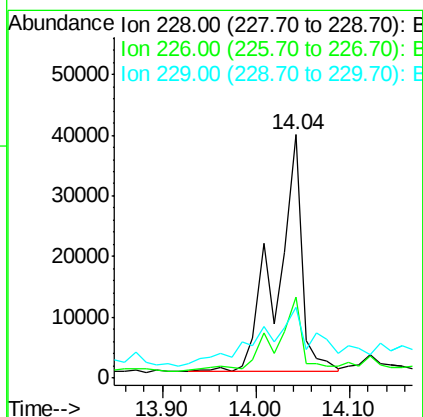
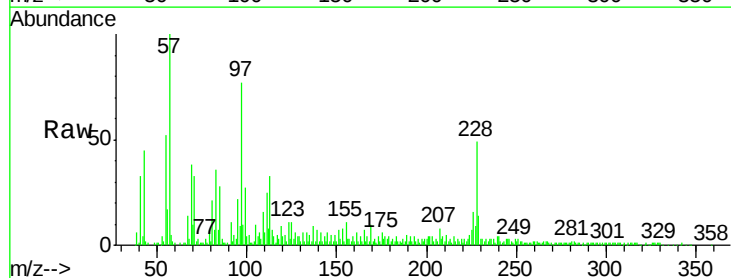
Instrument :
BNA_F
ClientSampleId :
AIRSIDELIFTSAMPLE1C

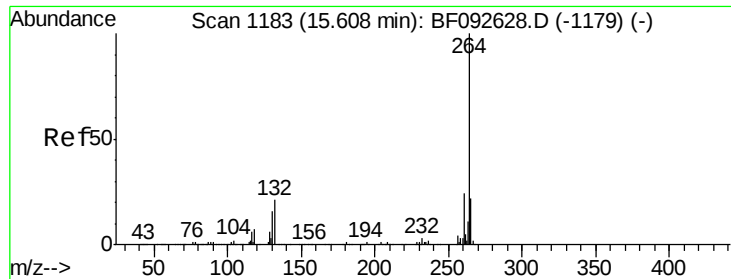
Tgt Ion:228 Resp: 71953
Ion Ratio Lower Upper
228 100
226 33.4 22.4 33.6
229 29.3 16.2 24.4#



#82
Chrysene
Concen: 3.79 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion:228 Resp: 71953
Ion Ratio Lower Upper
228 100
226 33.4 25.4 38.0
229 29.3 16.2 24.2#

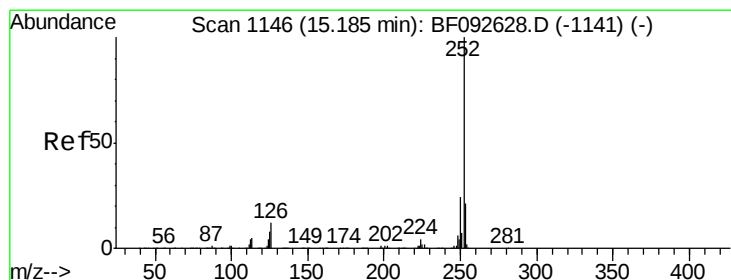
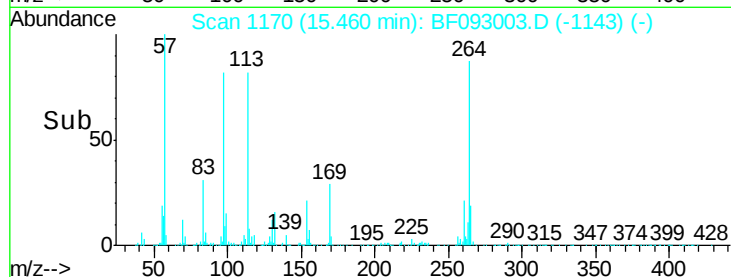
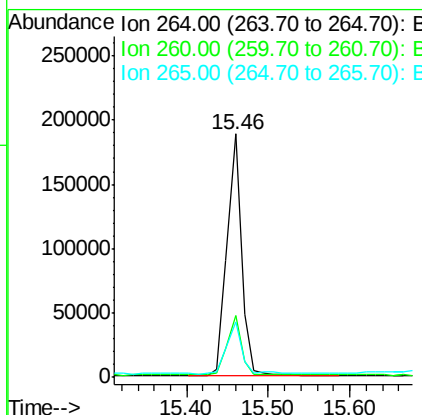
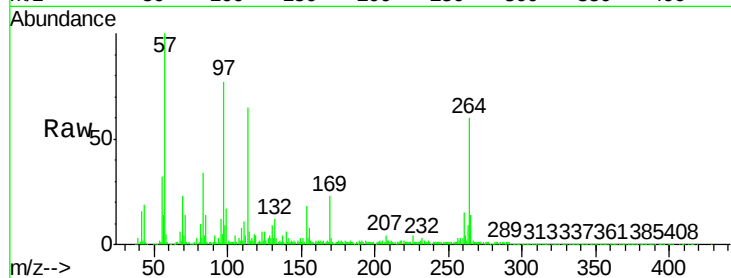




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

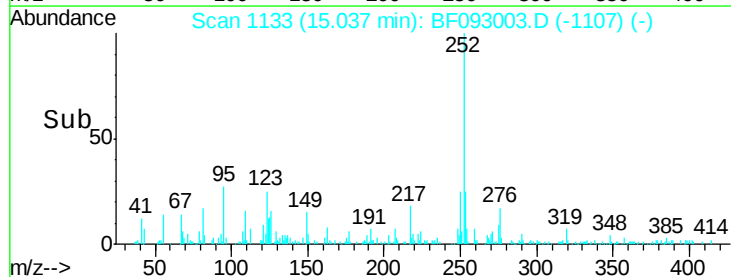
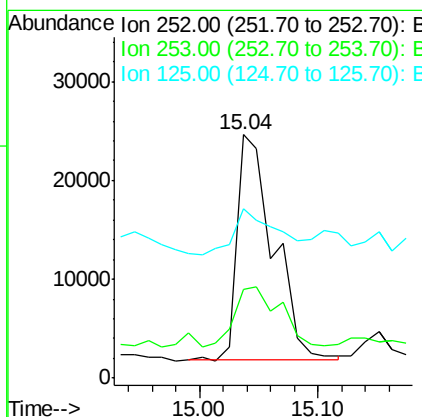
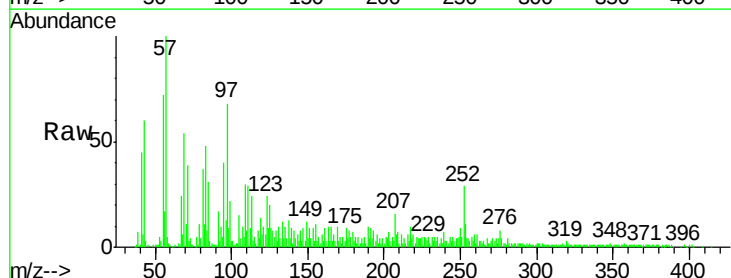
Instrument :
BNA_F
ClientSampleId :
AIRSIDELIFTSAMPLE1C

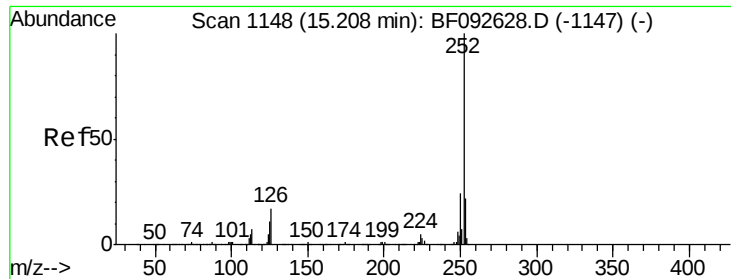
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.7	17.4	26.0



#87
Benzo(b)fluoranthene
Concen: 3.16 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.6	18.2	27.4#
125	69.5	9.8	14.6#





#88

Benzo(k)fluoranthene

Concen: 3.67 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF093003.D

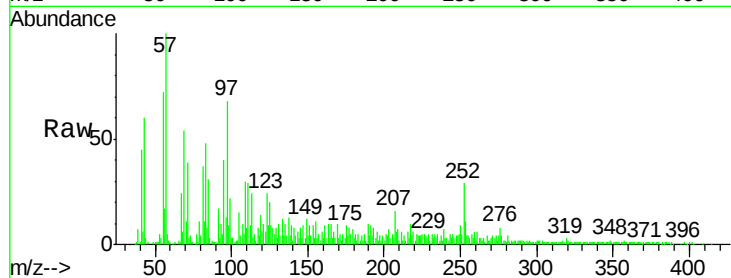
Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C



Tgt Ion:	252	Resp:	48757
Ion	Ratio	Lower	Upper
252	100		
253	36.6	18.5	27.7#
125	69.5	8.9	13.3#

