

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 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 03:57:29 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

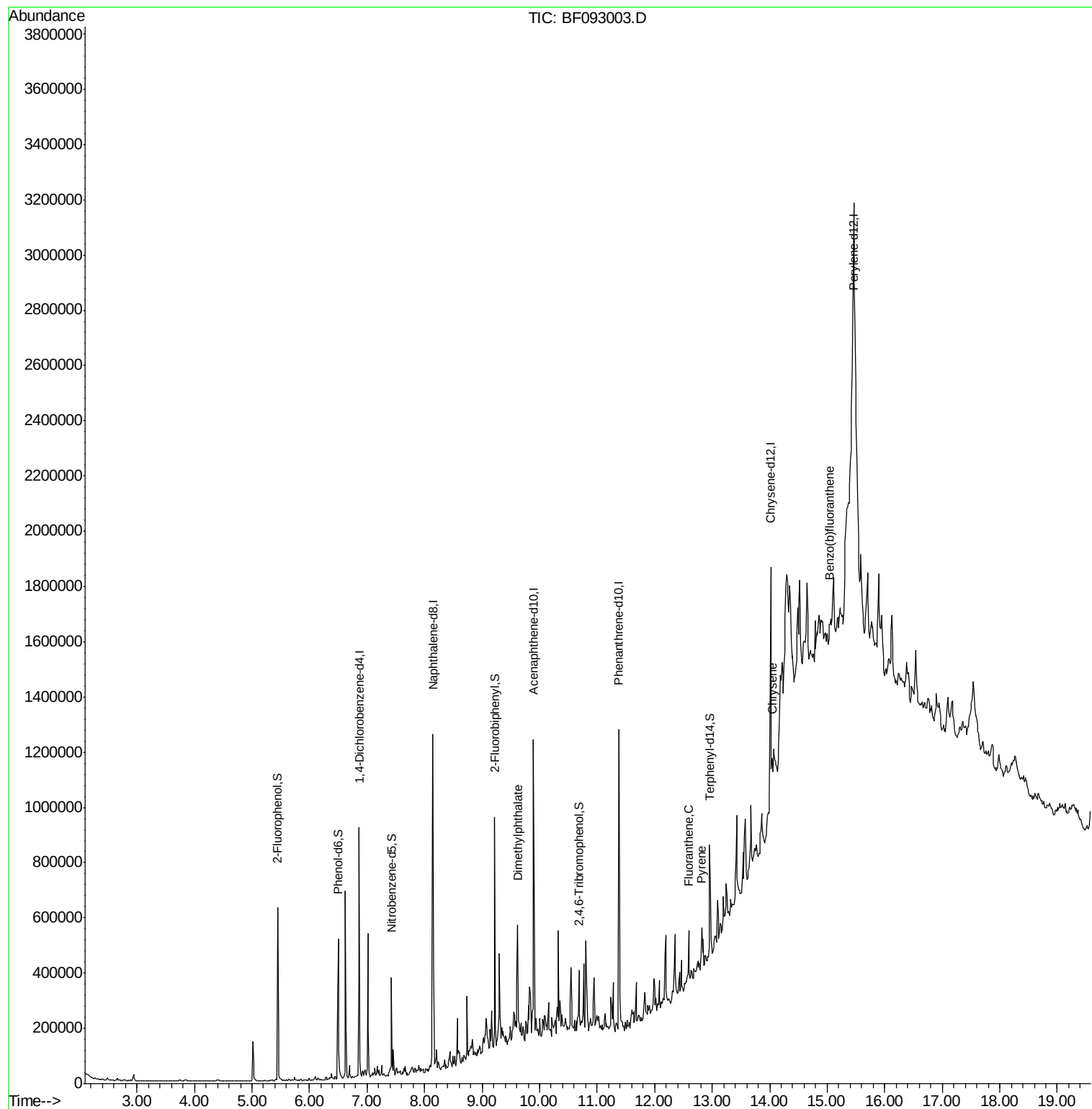
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	153017	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	543630	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	264076	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	380995	20.00	ng	0.00
75) Chrysene-d12	14.02	240	331095	20.00	ng	0.00
86) Perylene-d12	15.46	264	234015	20.00	ng	0.01
System Monitoring Compounds						
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						
49) Dimethylphthalate	9.62	163	60549	3.40	ng	Qvalue # 98
74) Fluoranthene	12.59	202	69015	3.07	ng	98
77) Pyrene	12.82	202	58658	2.37	ng	97
82) Chrysene	14.04	228	48346m	2.55	ng	
87) Benzo(b)fluoranthene	15.04	252	40125m	2.61	ng	

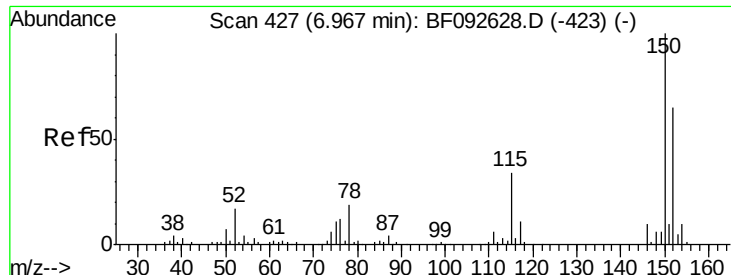
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

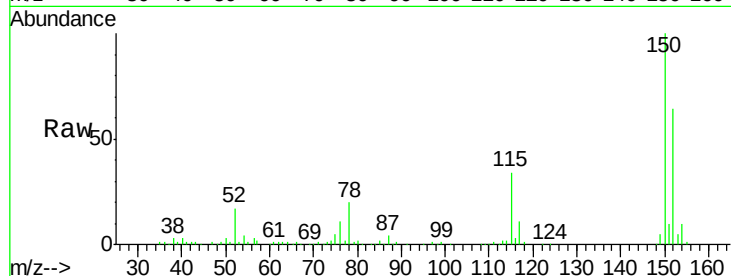
Tgt Ion:152 Resp: 153017

Ion Ratio Lower Upper

152 100

150 155.4 124.9 187.3

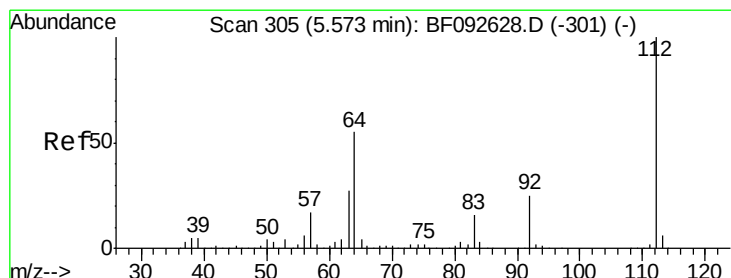
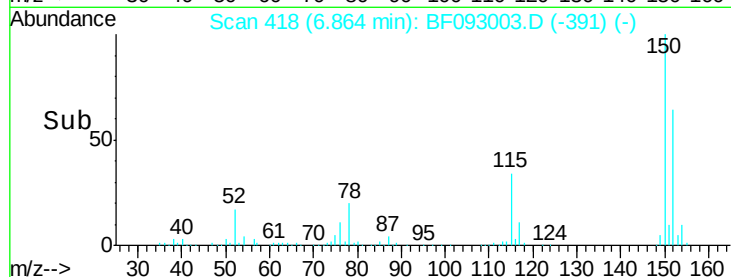
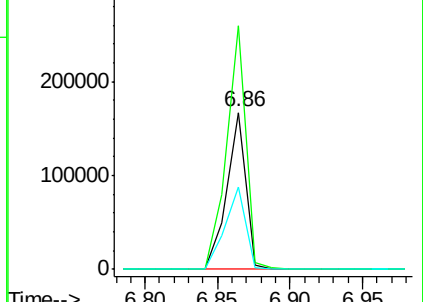
115 52.4 46.0 69.0



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

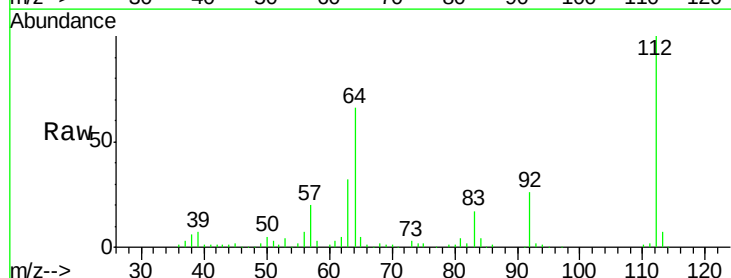
Tgt Ion:112 Resp: 172343

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

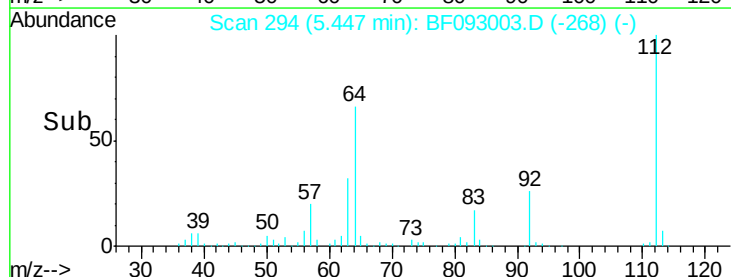
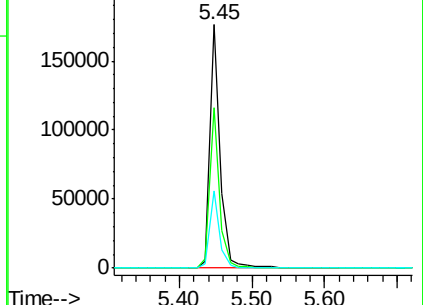
63 31.7 23.8 35.6

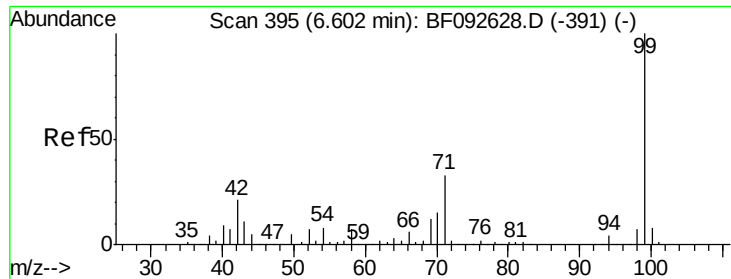


Abundance Ion 112.00 (111.70 to 112.70): E

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

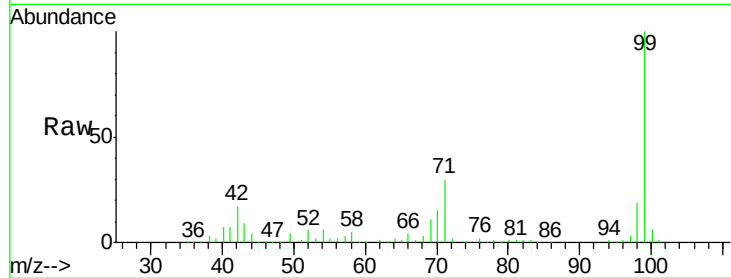
Tgt Ion: 99 Resp: 209436

Ion Ratio Lower Upper

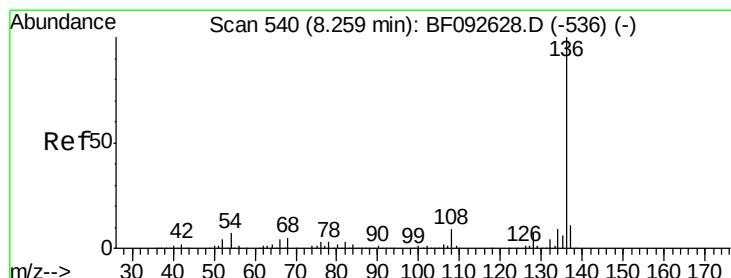
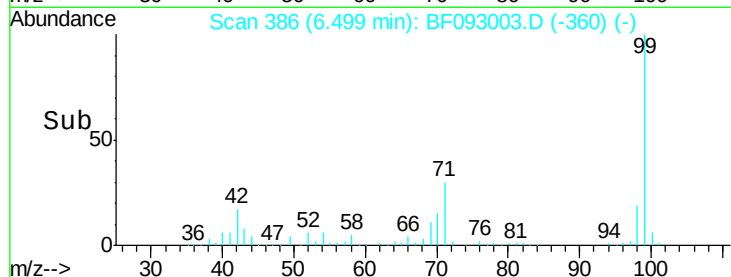
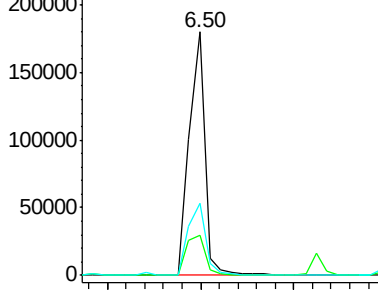
99 100

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

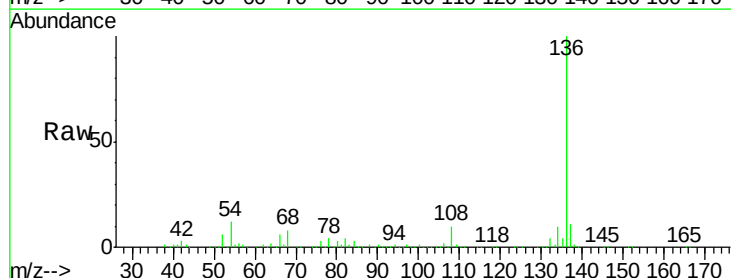
Ion Ratio Lower Upper

136 100

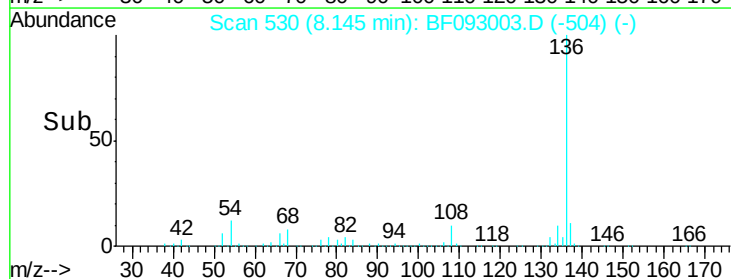
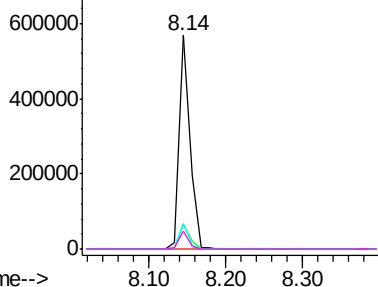
137 11.4 8.4 12.6

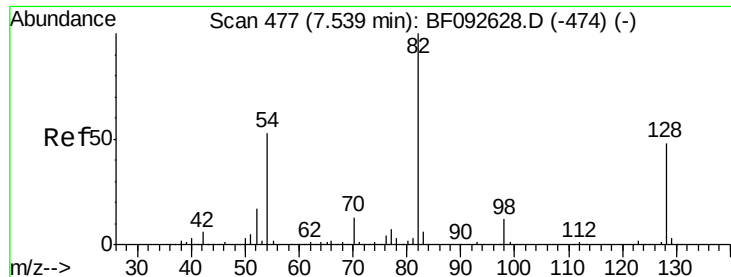
54 11.8 4.5 6.7#

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

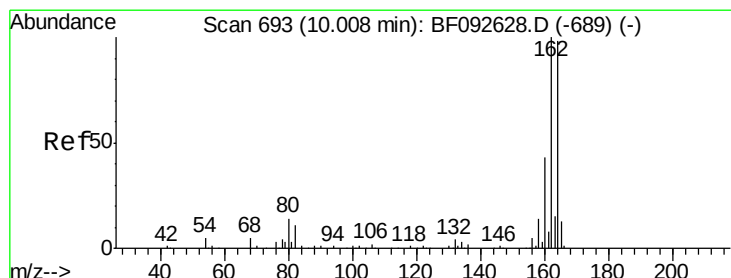
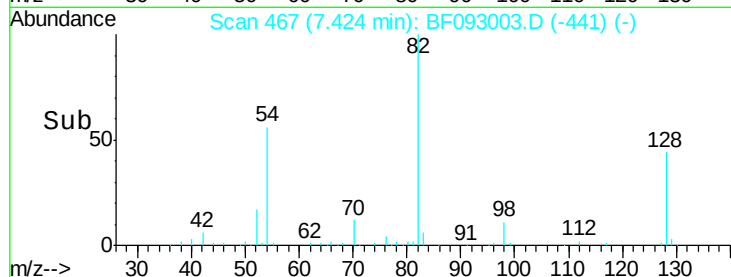
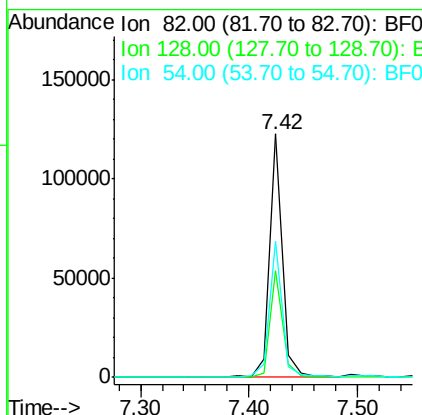
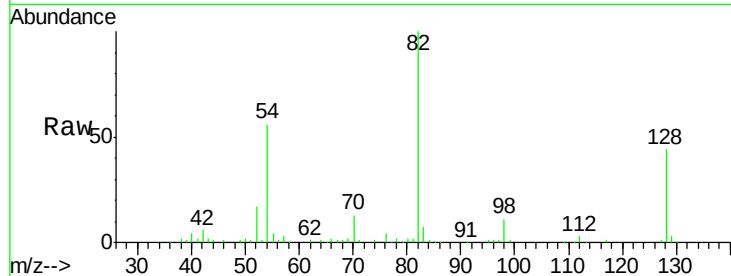




#23
Nitrobenzene-d5
Concen: 10.52 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093003.D
Acq: 17 Feb 2017 1:27

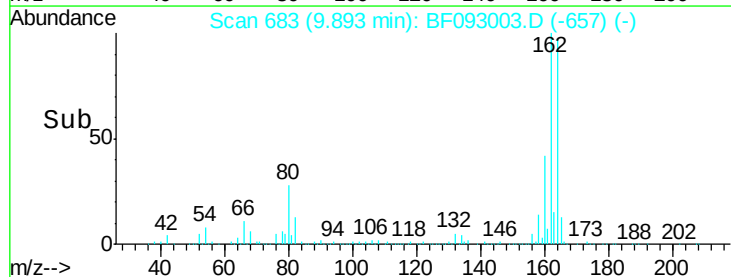
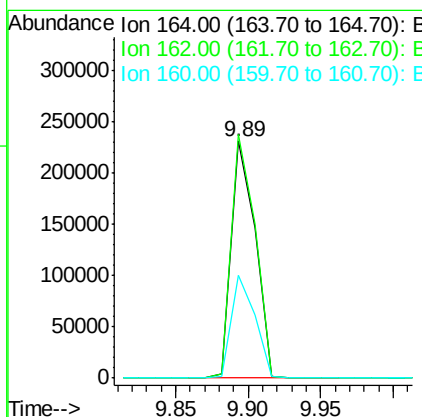
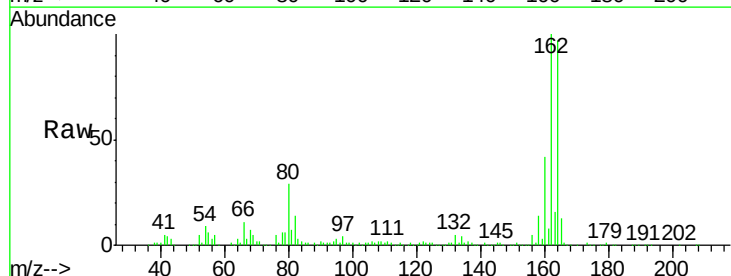
Instrument :
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AIRSIDELIFTSAMPLE1C

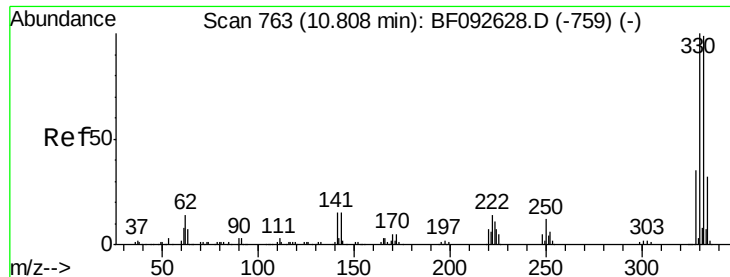
Tgt Ion: 82 Resp: 102743
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 56.0 39.5 59.3



#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

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

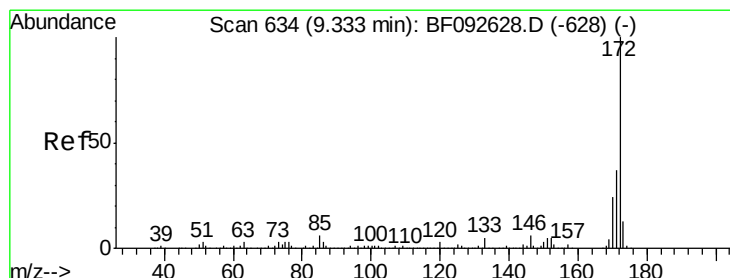
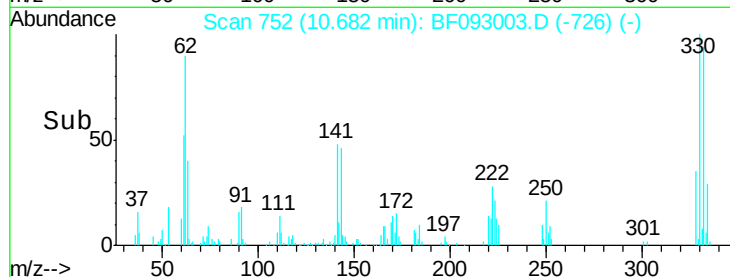
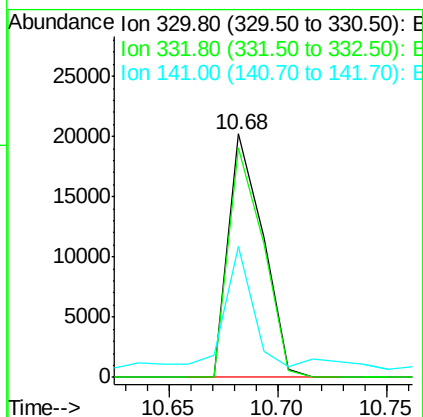
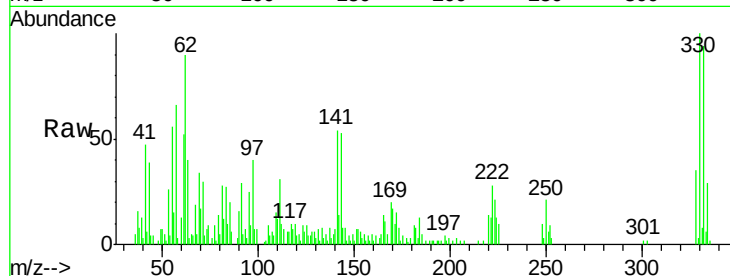




#41
 2,4,6-Tribromophenol
 Concen: 11.70 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093003.D
 Acq: 17 Feb 2017 1:27

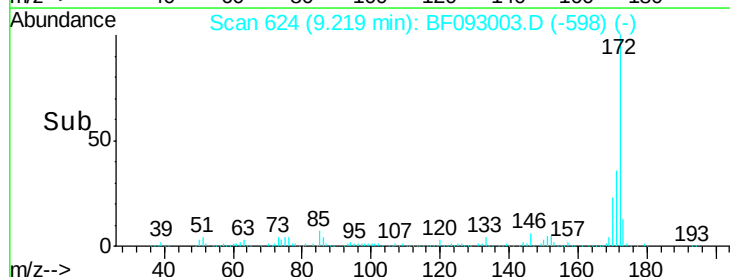
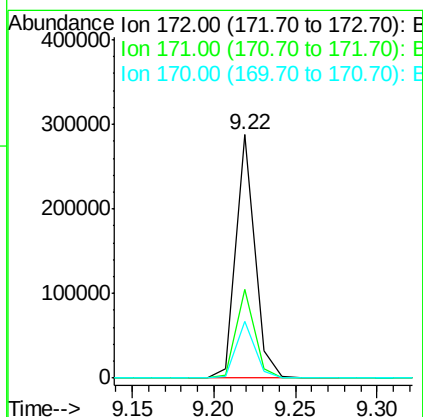
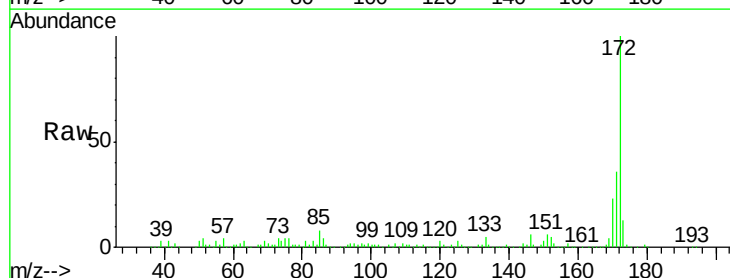
Instrument :
 BNA_F
 ClientSampleId :
 AIRSIDELIFTSAMPLE1C

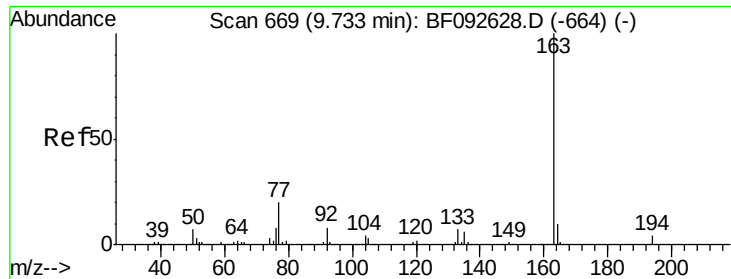
Tgt Ion:330 Resp: 22356
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.4 116.2
 141 48.0 34.1 51.1



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

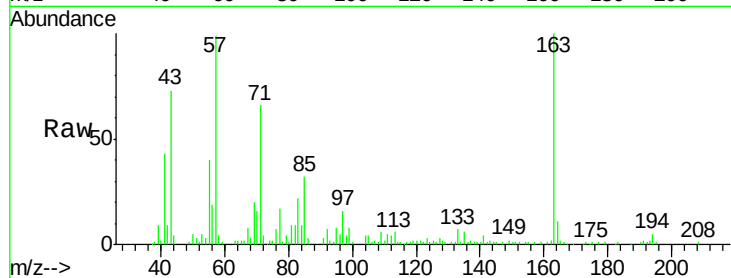
Tgt Ion:163 Resp: 60549

Ion Ratio Lower Upper

163 100

194 4.8 3.0 4.4#

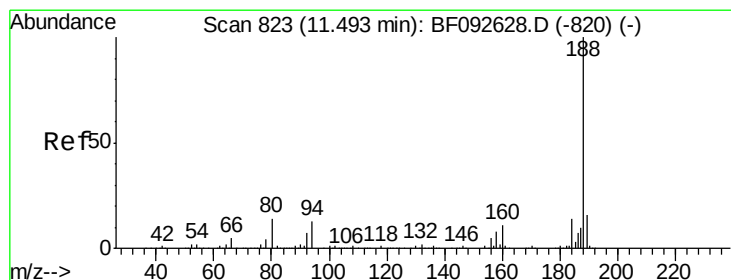
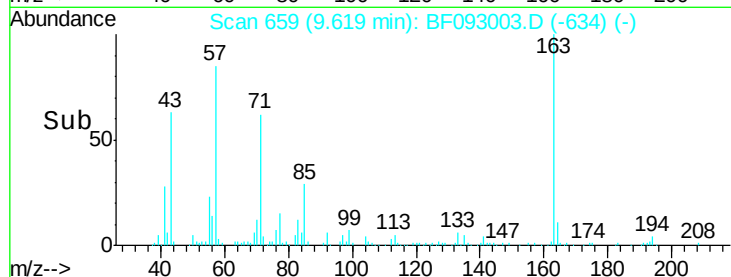
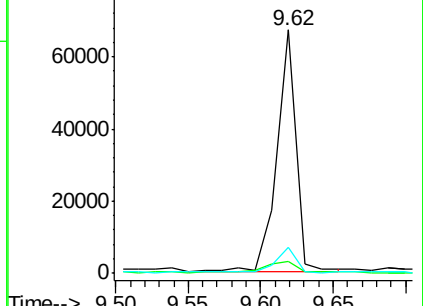
164 10.7 8.0 12.0



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



#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

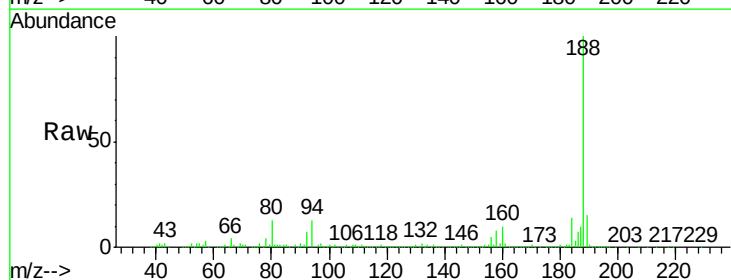
Tgt Ion:188 Resp: 380995

Ion Ratio Lower Upper

188 100

94 12.9 10.0 15.0

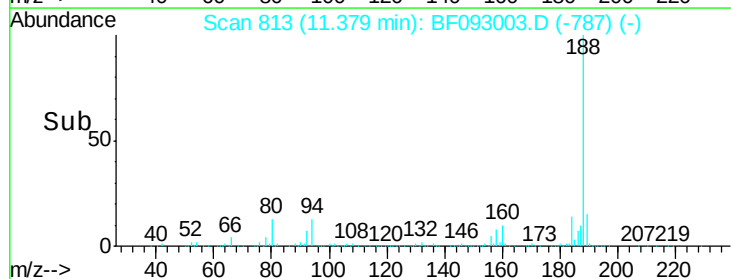
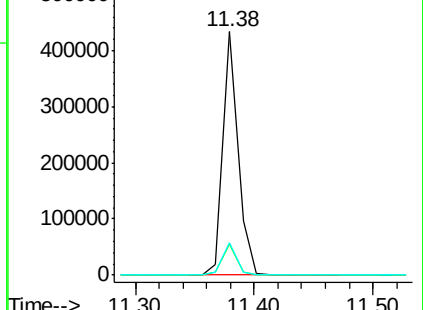
80 13.3 11.2 16.8

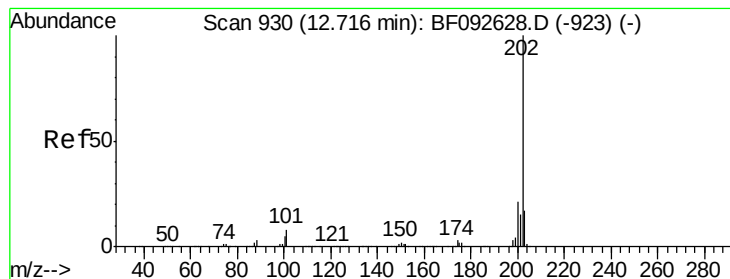


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

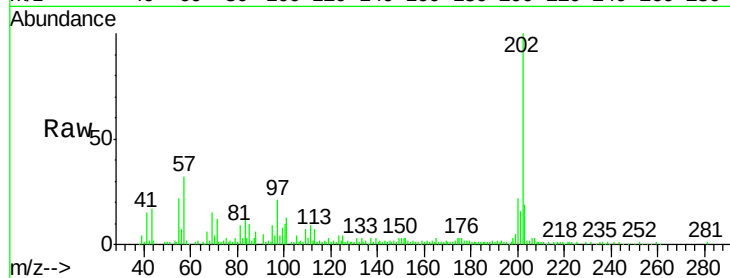
Tgt Ion:202 Resp: 69015

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.6

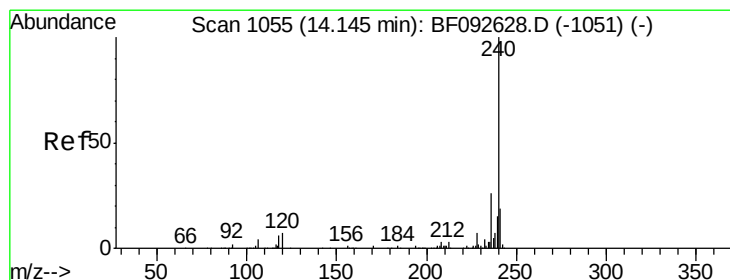
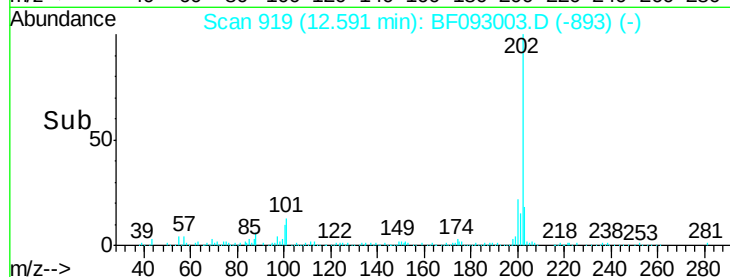
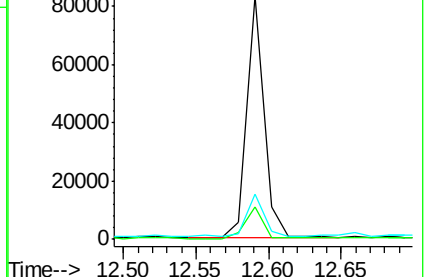
203 18.6 0.0 38.7



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

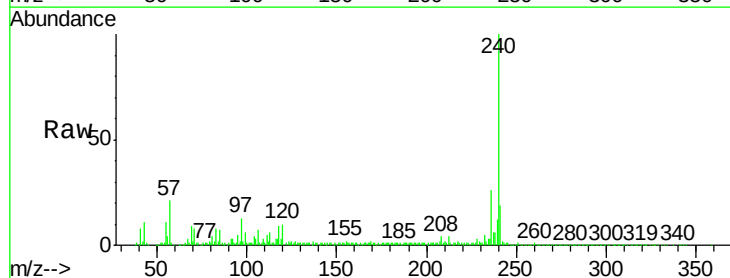
Tgt Ion:240 Resp: 331095

Ion Ratio Lower Upper

240 100

120 10.1 12.9 19.3#

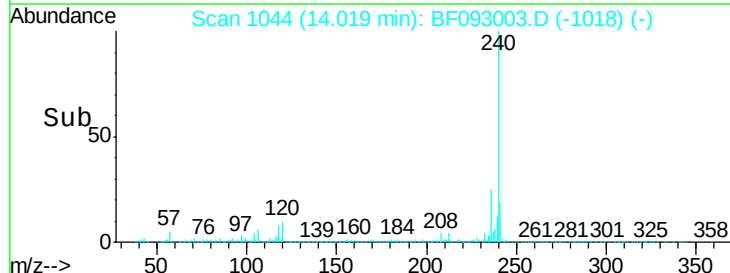
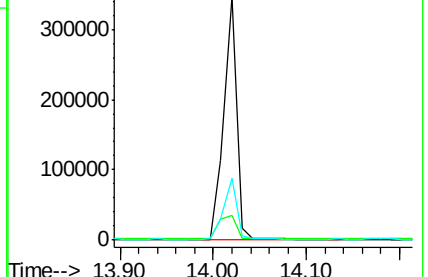
236 25.5 20.9 31.3

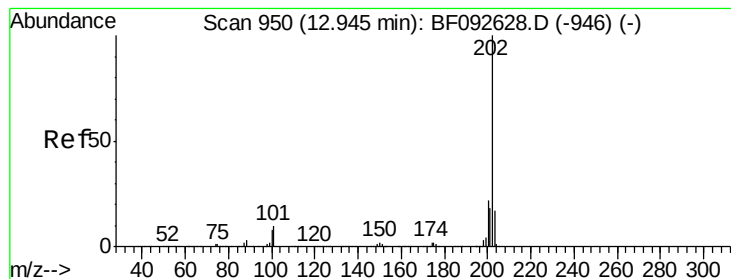


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

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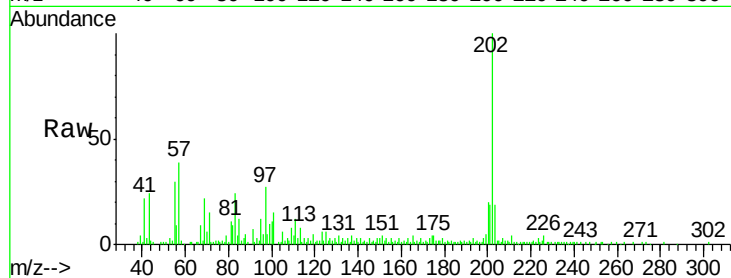
Tgt Ion:202 Resp: 58658

Ion Ratio Lower Upper

202 100

200 20.1 17.7 26.5

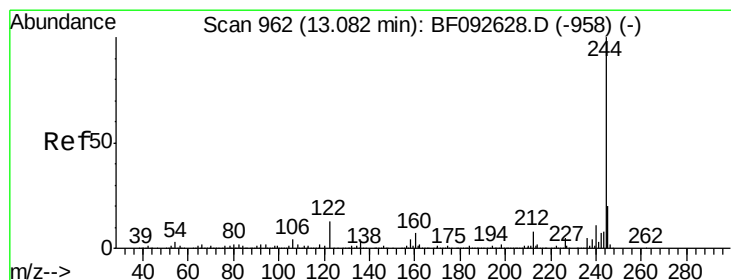
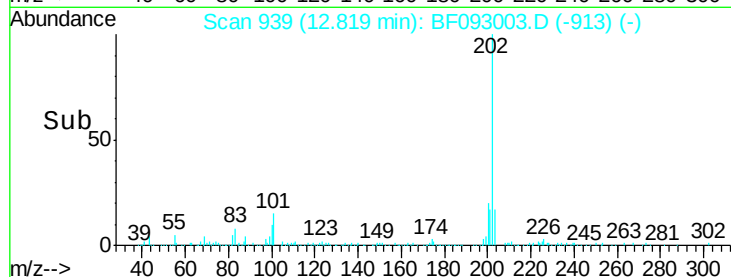
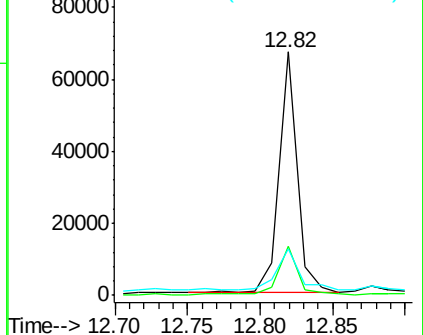
203 19.1 14.7 22.1



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

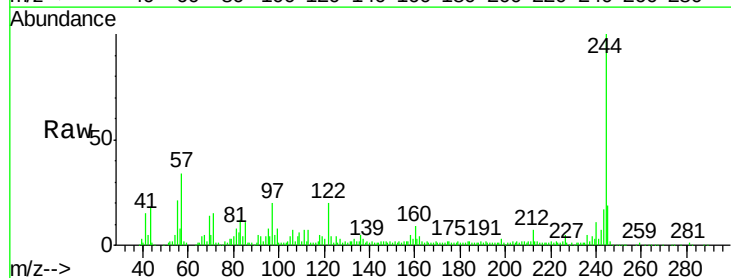
Tgt Ion:244 Resp: 152252

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

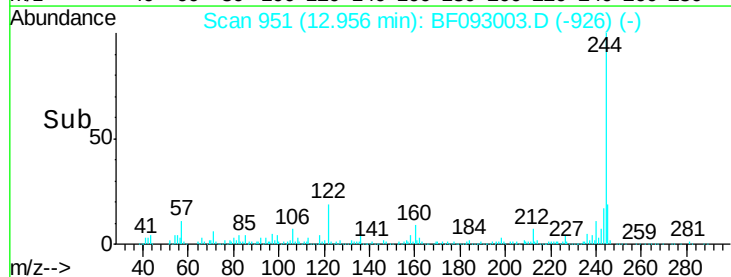
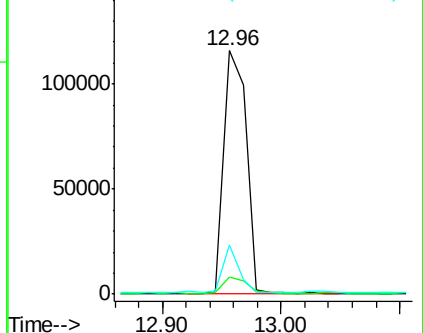
122 19.9 11.4 17.2#

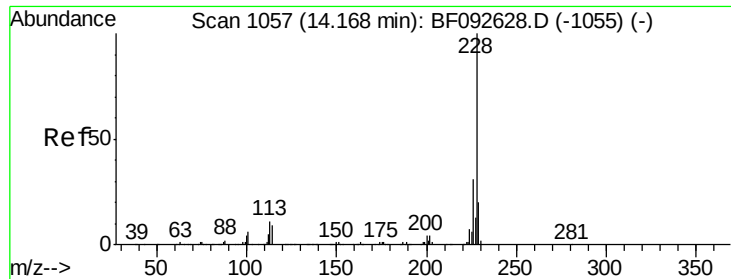


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#82

Chrysene

Concen: 2.55 ng m

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF093003.D

Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C

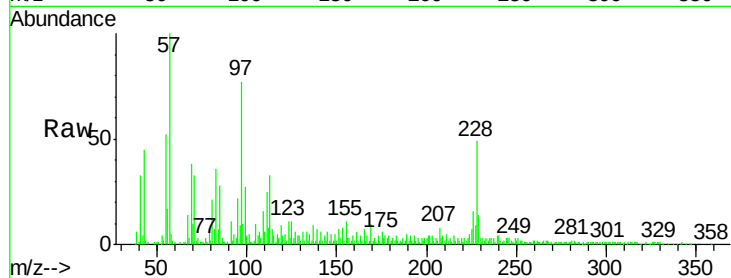
Tgt Ion:228 Resp: 48346

Ion Ratio Lower Upper

228 100

226 33.4 25.4 38.0

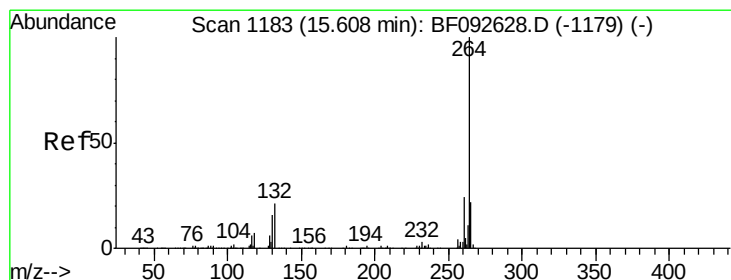
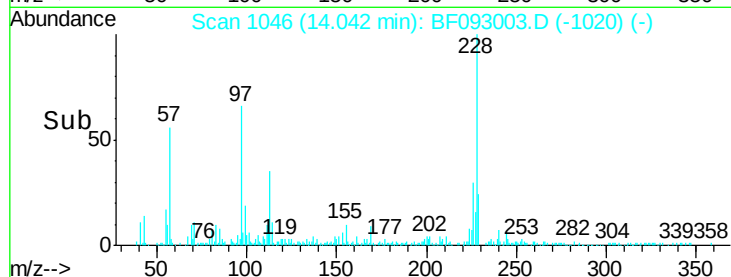
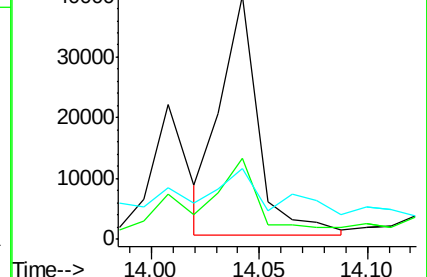
229 29.3 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

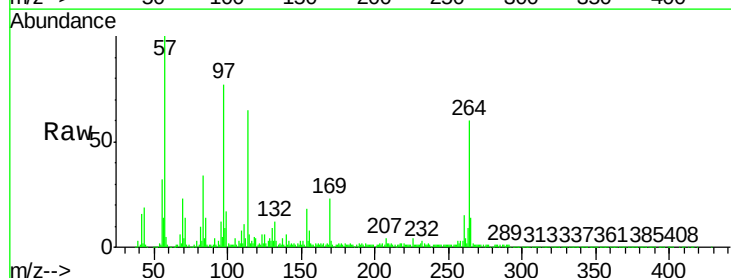
Tgt Ion:264 Resp: 234015

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

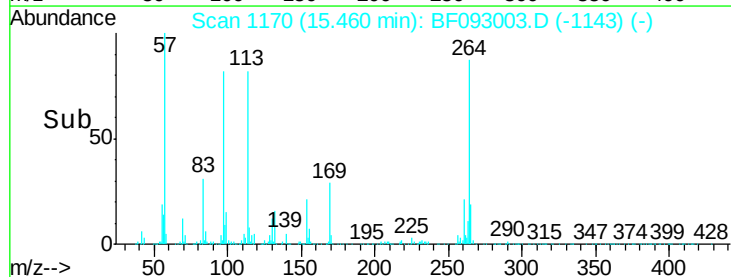
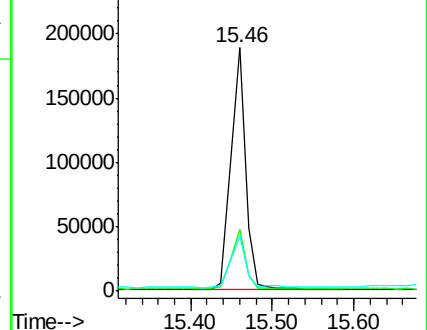
265 22.7 17.4 26.0

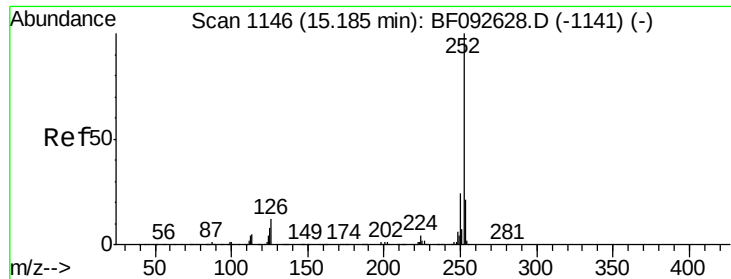


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.61 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093003.D

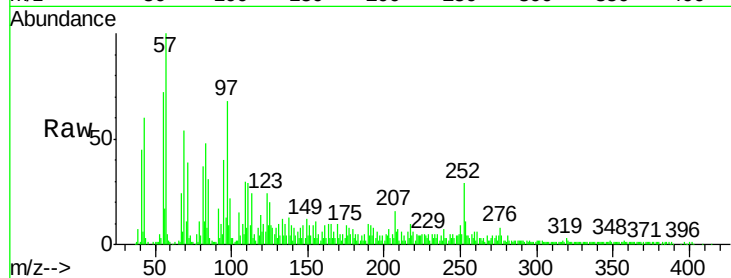
Acq: 17 Feb 2017 1:27

Instrument :

BNA_F

ClientSampleId :

AIRSIDELIFTSAMPLE1C



Tgt Ion: 252 Resp: 40125

Ion Ratio Lower Upper

252 100

253 36.6 18.2 27.4#

125 69.5 9.8 14.6#

