

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093153.D
 Acq On : 24 Feb 2017 19:13
 Operator : SJ/MA
 Sample : I1957-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(8-10)20170221

Quant Time: Feb 24 22:23:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

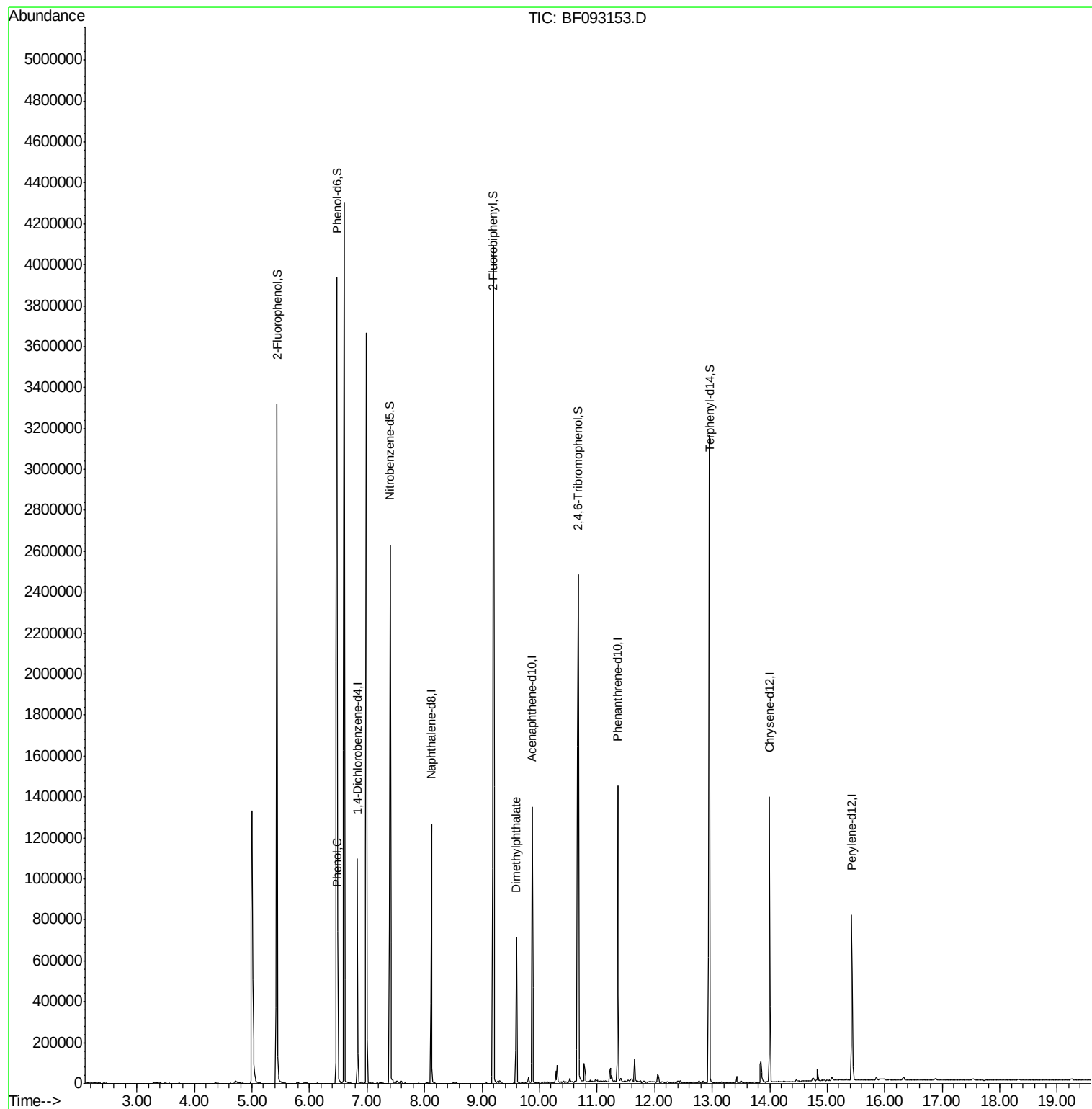
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151637	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	589884	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	276431	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	540768	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	481536	20.00	ng	-0.02
86) Perylene-d12	15.43	264	381301	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1375247	155.60	ng	-0.01
7) Phenol-d6	6.48	99	1545409	135.89	ng	-0.01
23) Nitrobenzene-d5	7.40	82	968404	91.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	353699	176.91	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1577878	103.41	ng	-0.02
78) Terphenyl-d14	12.96	244	1529642	74.64	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	119169	8.96	ng	Qvalue # 71
49) Dimethylphthalate	9.60	163	295935	15.89	ng	99

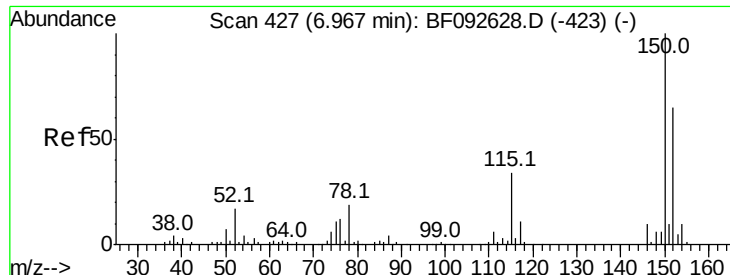
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093153.D

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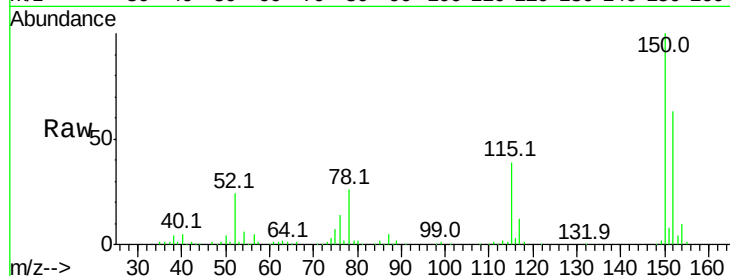
Tot Ion:152 Resp: 151637

Ion Ratio Lower Upper

152 100

150 158.7 124.9 187.3

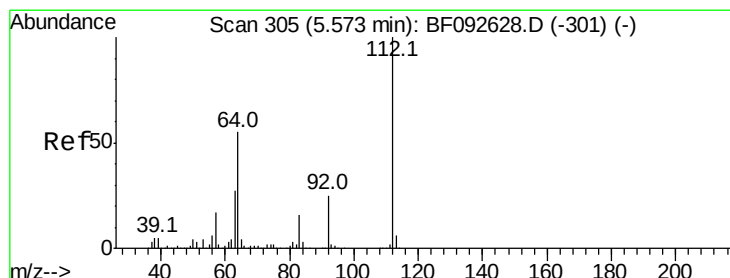
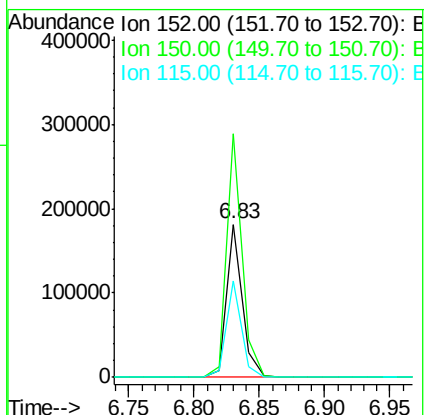
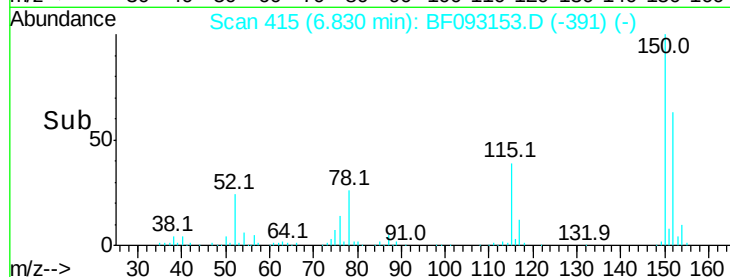
115 62.7 46.0 69.0



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: 155.60 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

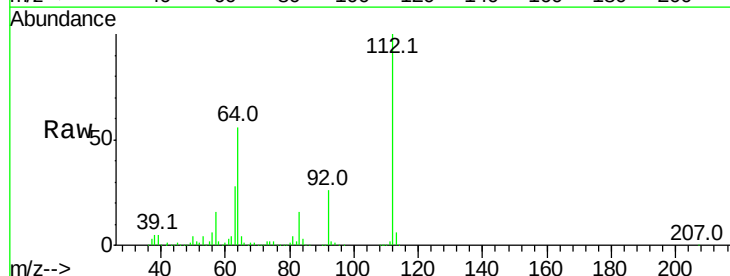
Tgt Ion:112 Resp: 1375247

Ion Ratio Lower Upper

112 100

64 55.7 46.1 69.1

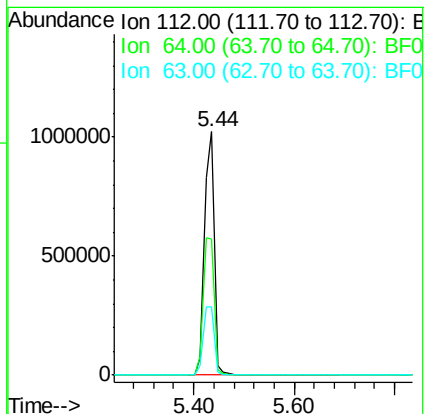
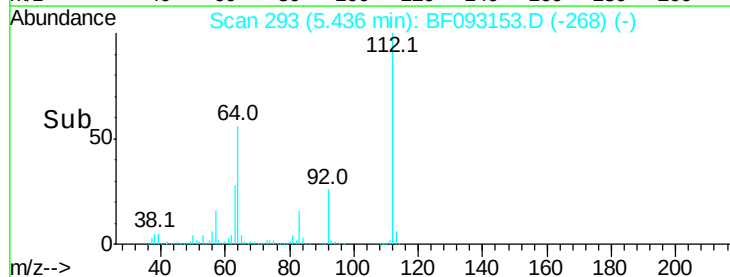
63 27.9 23.8 35.6

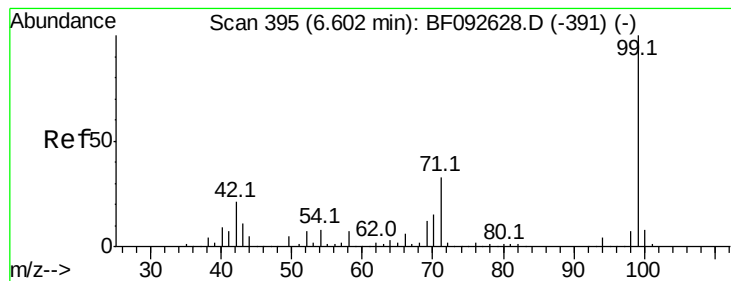


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.89 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

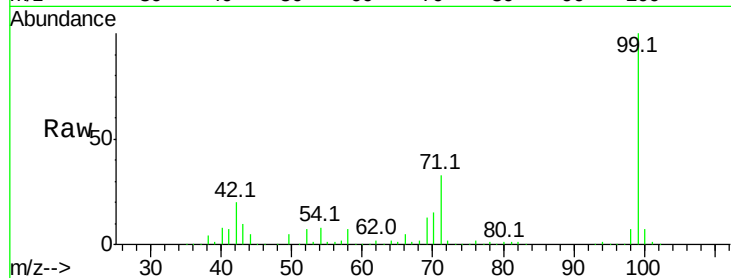
Tot Ion: 99 Resp: 1545409

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

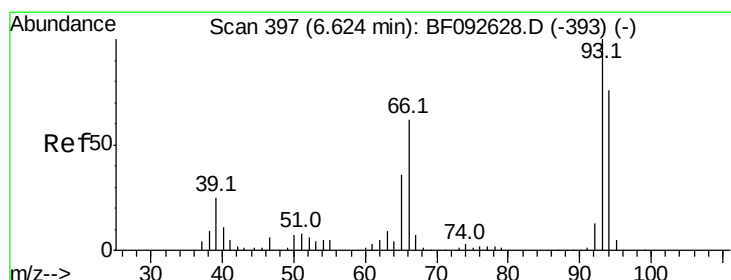
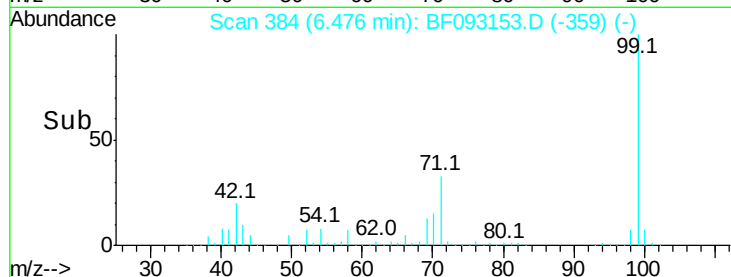
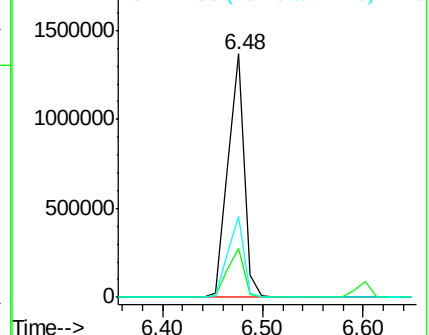
71 33.1 27.5 41.3



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



#10

Phenol

Concen: 8.96 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

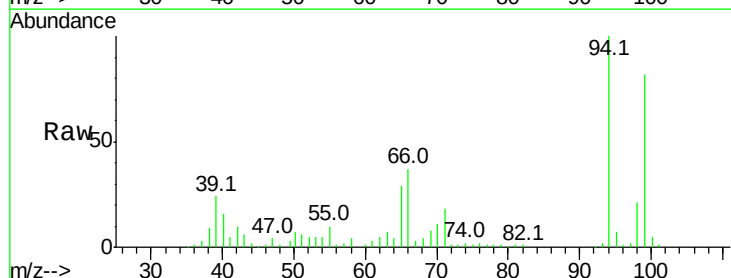
Tgt Ion: 94 Resp: 119169

Ion Ratio Lower Upper

94 100

65 28.9 21.4 61.4

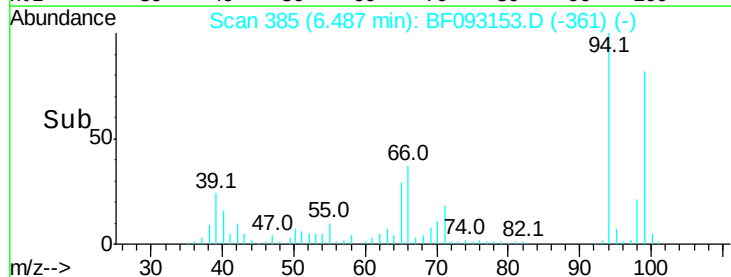
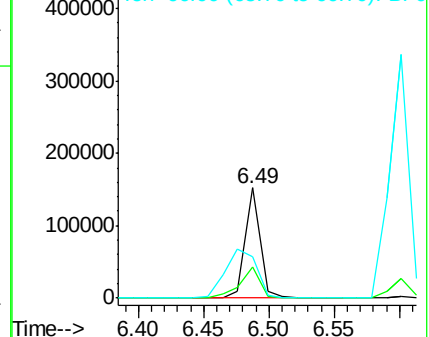
66 37.2 44.0 84.0#

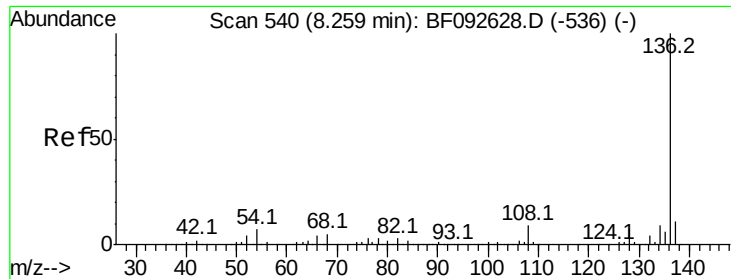


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

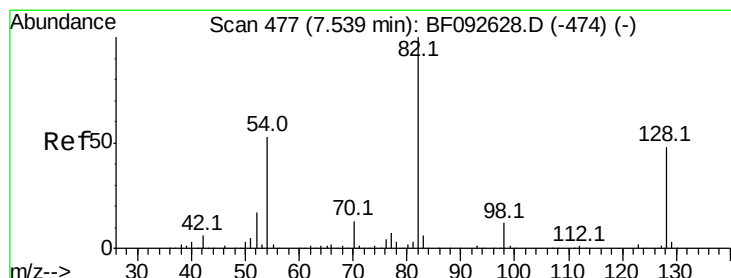
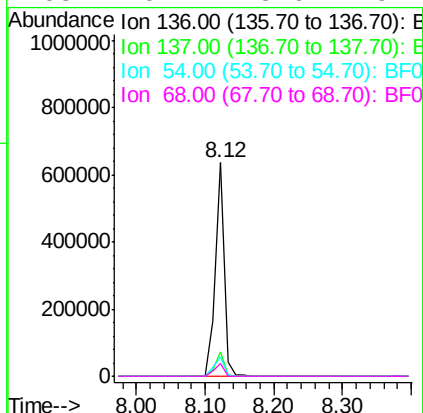
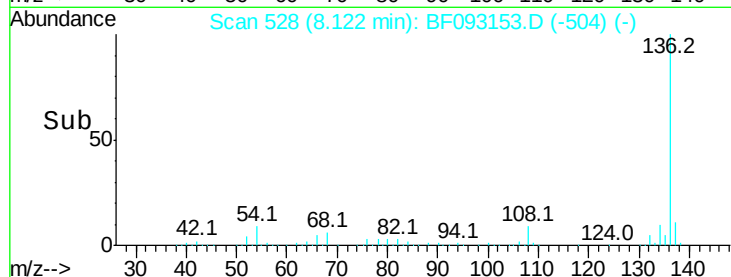
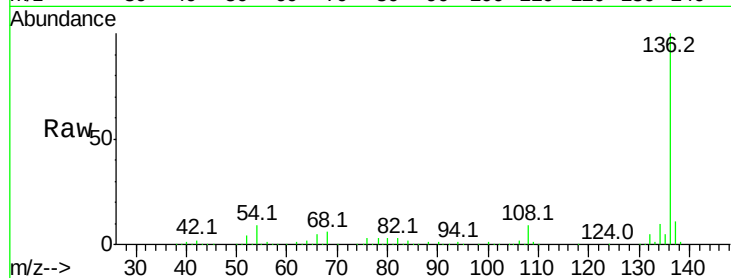




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

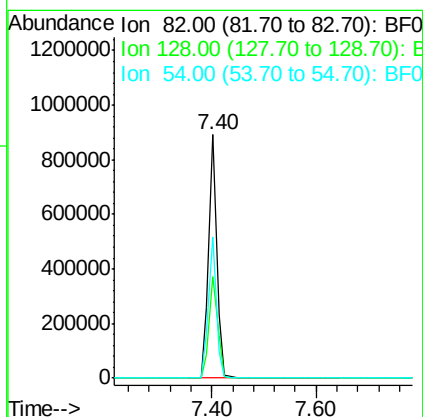
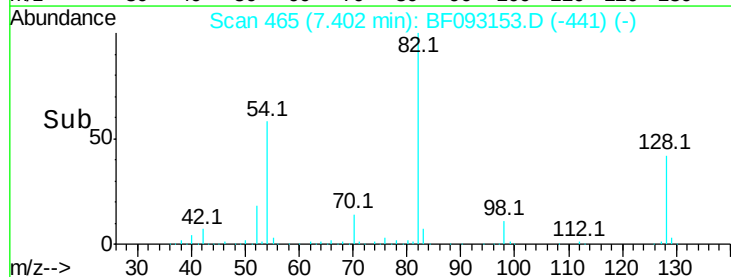
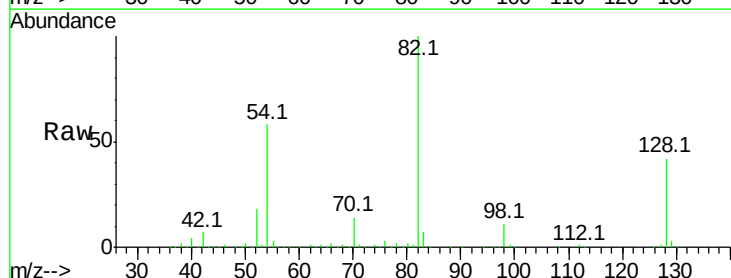
Instrument :
BNA_F
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SRI-SB-4(8-10)20170221

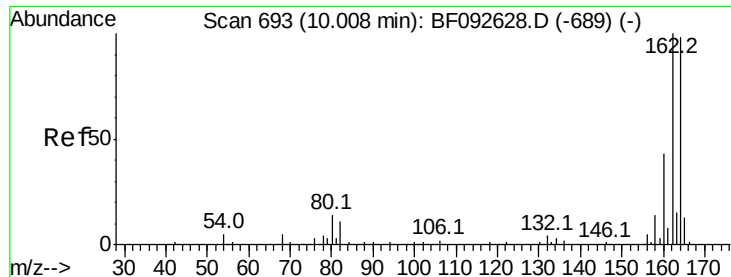
Tot Ion:	136	Resp:	589884
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.9	4.5	6.7#
68	6.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 91.42 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

Tgt Ion:	82	Resp:	968404
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	58.2	39.5	59.3

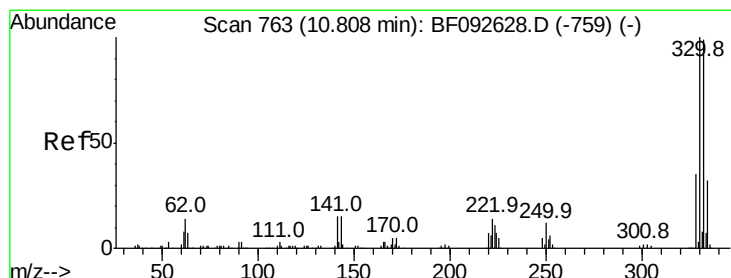
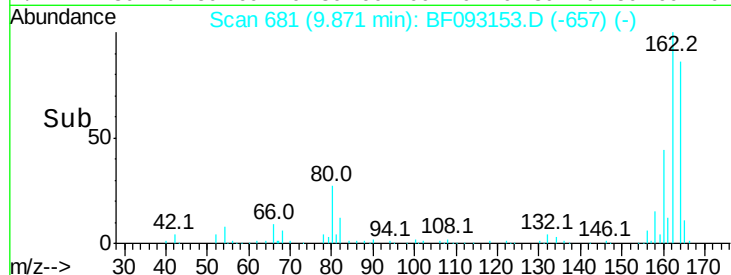
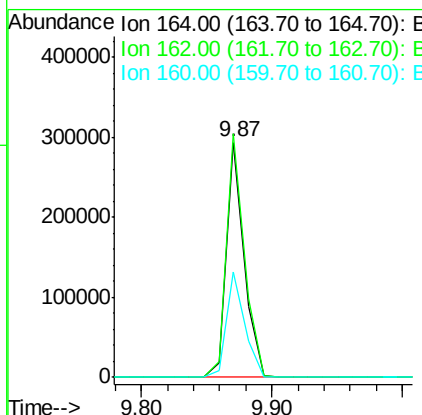
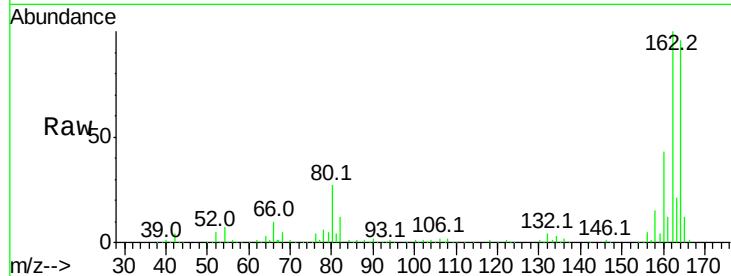




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

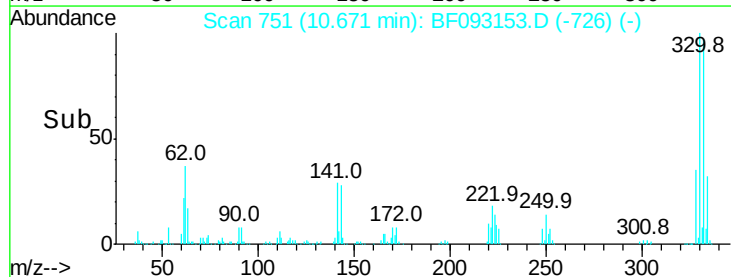
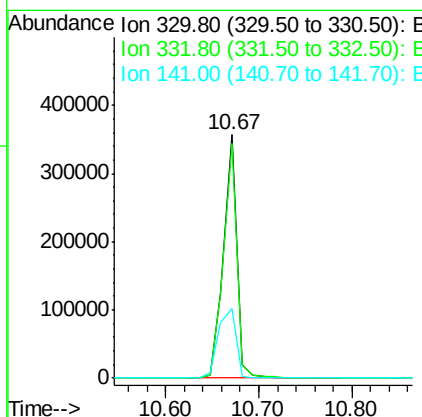
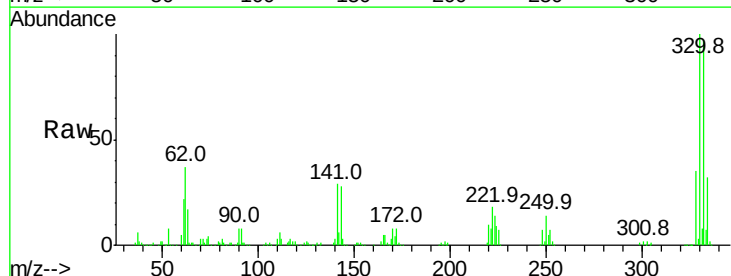
Instrument :
 BNA_F
 ClientSampleId :
 SRI-SB-4(8-10)20170221

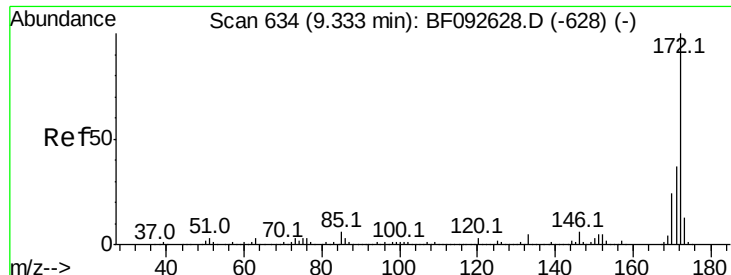
Tot Ion:164 Resp: 276431
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.2 120.2
 160 44.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 176.91 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093153.D
 Acq: 24 Feb 2017 19:13

Tgt Ion:330 Resp: 353699
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 38.3 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 103.41 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

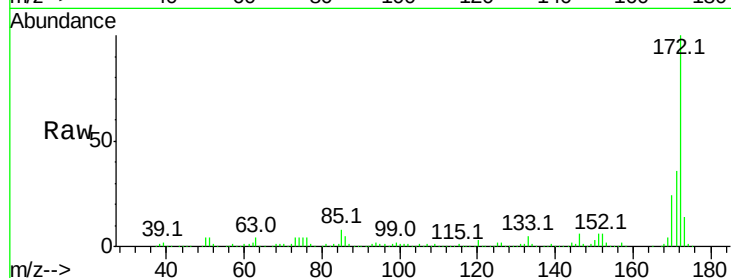
Tot Ion:172 Resp: 1577878

Ion Ratio Lower Upper

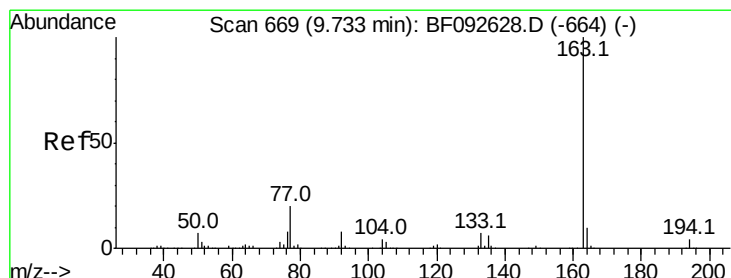
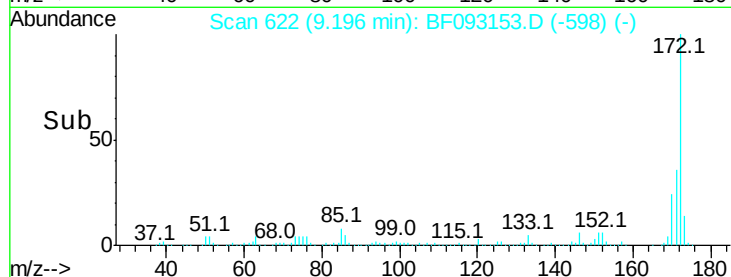
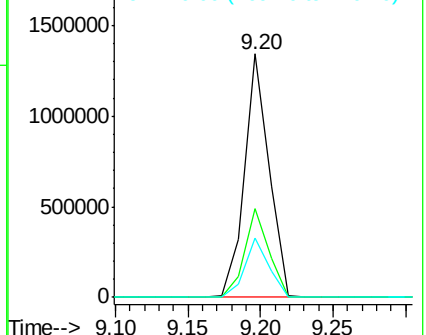
172 100

171 36.3 29.4 44.0

170 24.3 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: 15.89 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

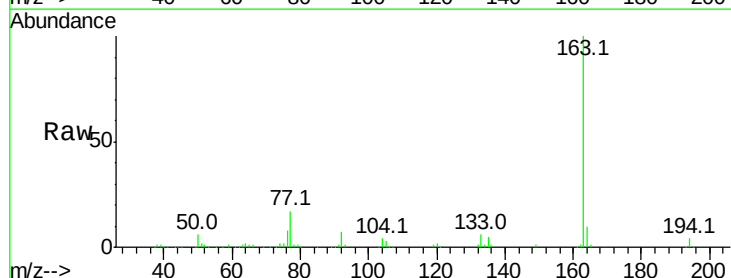
Tgt Ion:163 Resp: 295935

Ion Ratio Lower Upper

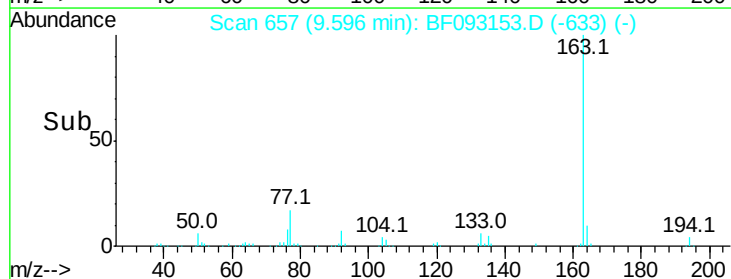
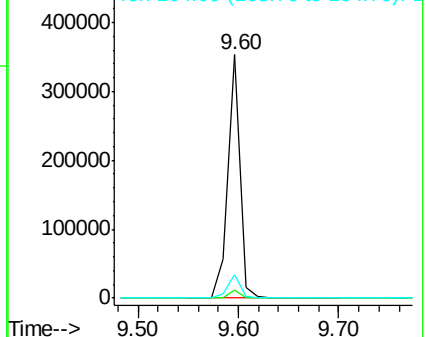
163 100

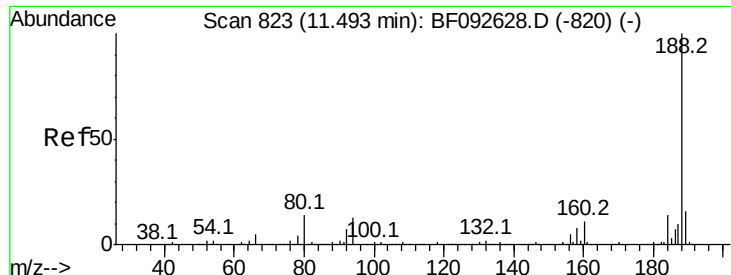
194 3.6 3.0 4.4

164 9.7 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

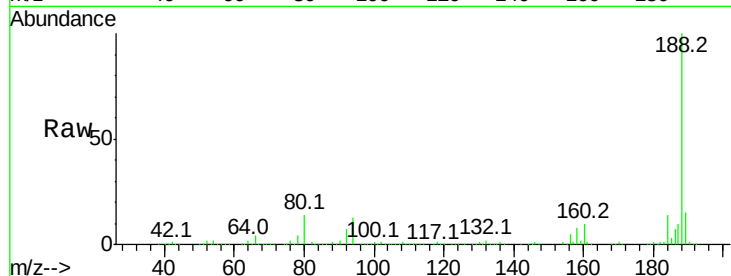




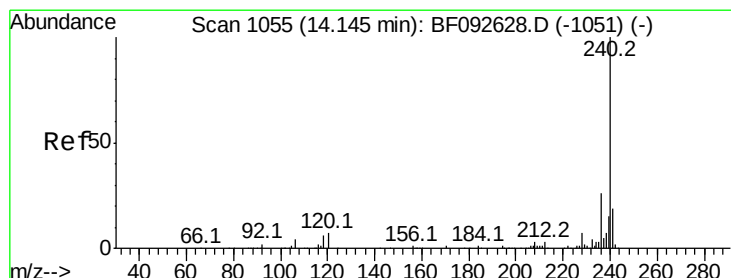
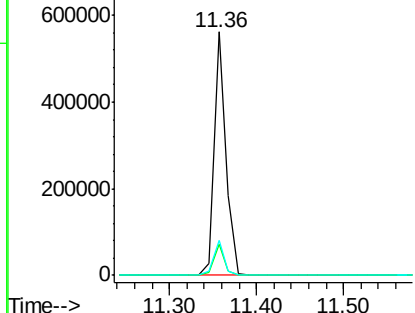
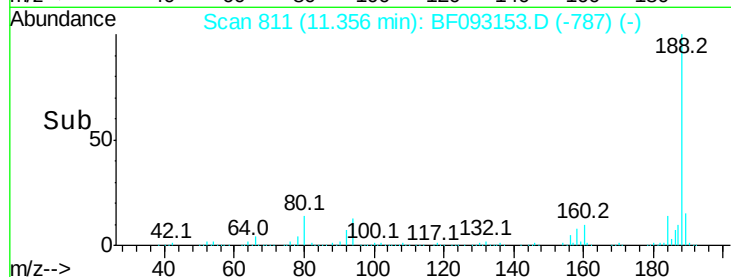
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

Instrument :
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ClientSampleId :
SRI-SB-4(8-10)20170221

Tot Ion:188 Resp: 540768
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.3 11.2 16.8

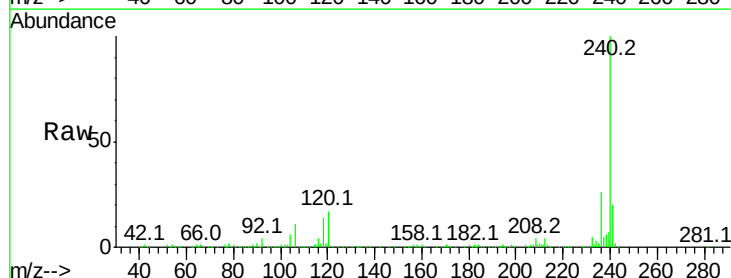


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

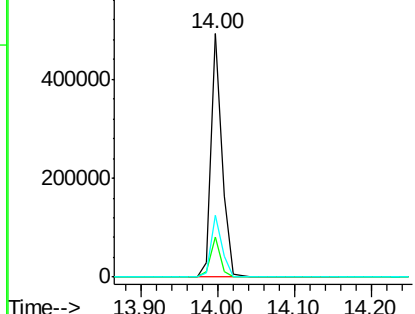
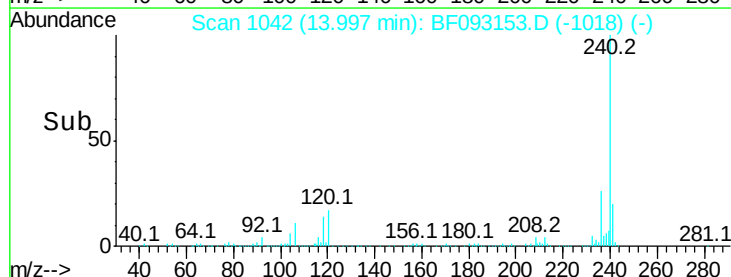


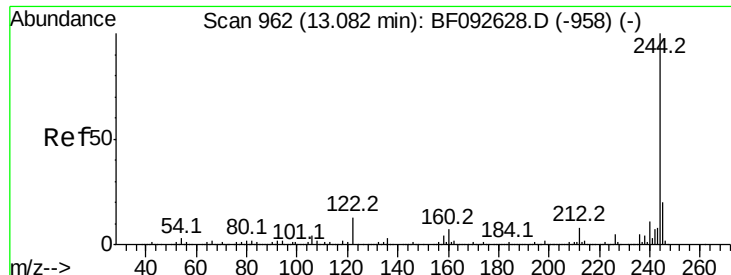
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093153.D
Acq: 24 Feb 2017 19:13

Tgt Ion:240 Resp: 481536
Ion Ratio Lower Upper
240 100
120 16.6 12.9 19.3
236 25.7 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





#78

Terphenyl-d14

Concen: 74.64 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SRI-SB-4(8-10)20170221

Tot Ion:244 Resp: 1529642

Ion Ratio Lower Upper

244 100

212 6.8

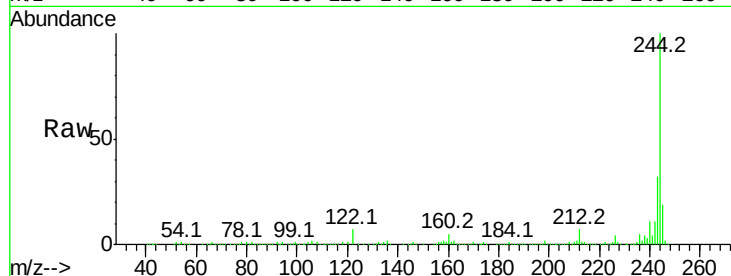
6.2

9.2

122 7.4

11.4

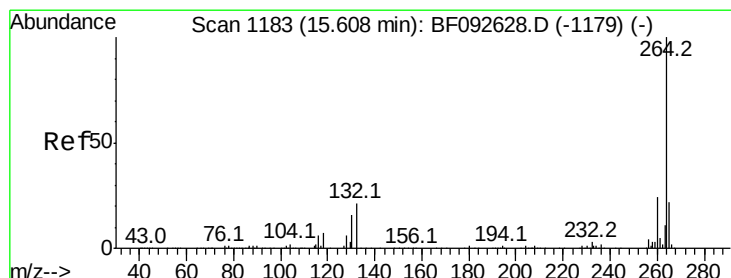
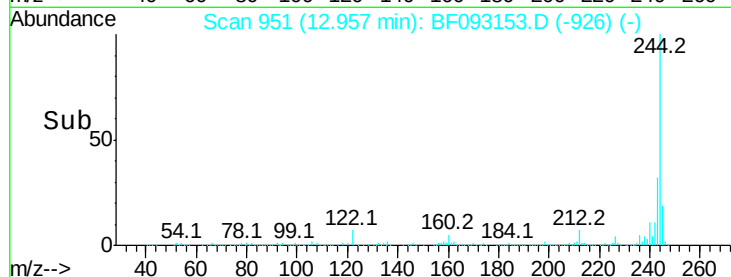
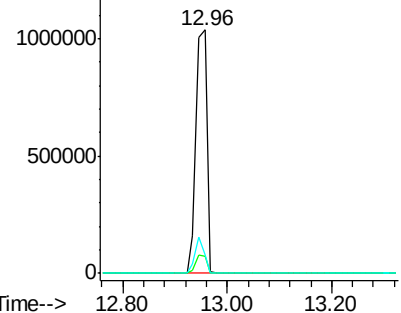
17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093153.D

Acq: 24 Feb 2017 19:13

Tgt Ion:264 Resp: 381301

Ion Ratio Lower Upper

264 100

260 23.9

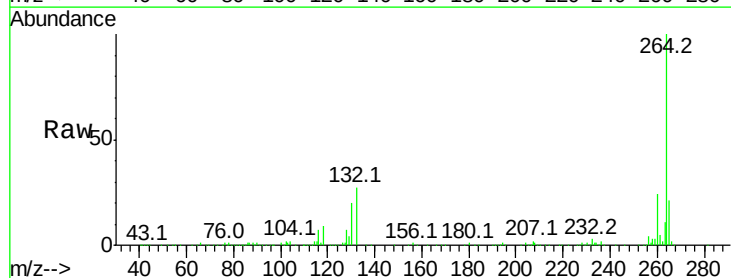
19.2

28.8

265 21.4

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

