

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096956.D
 Acq On : 21 Jul 2017 20:55
 Operator : SJ/JU
 Sample : I4352-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

Quant Time: Jul 22 02:00:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

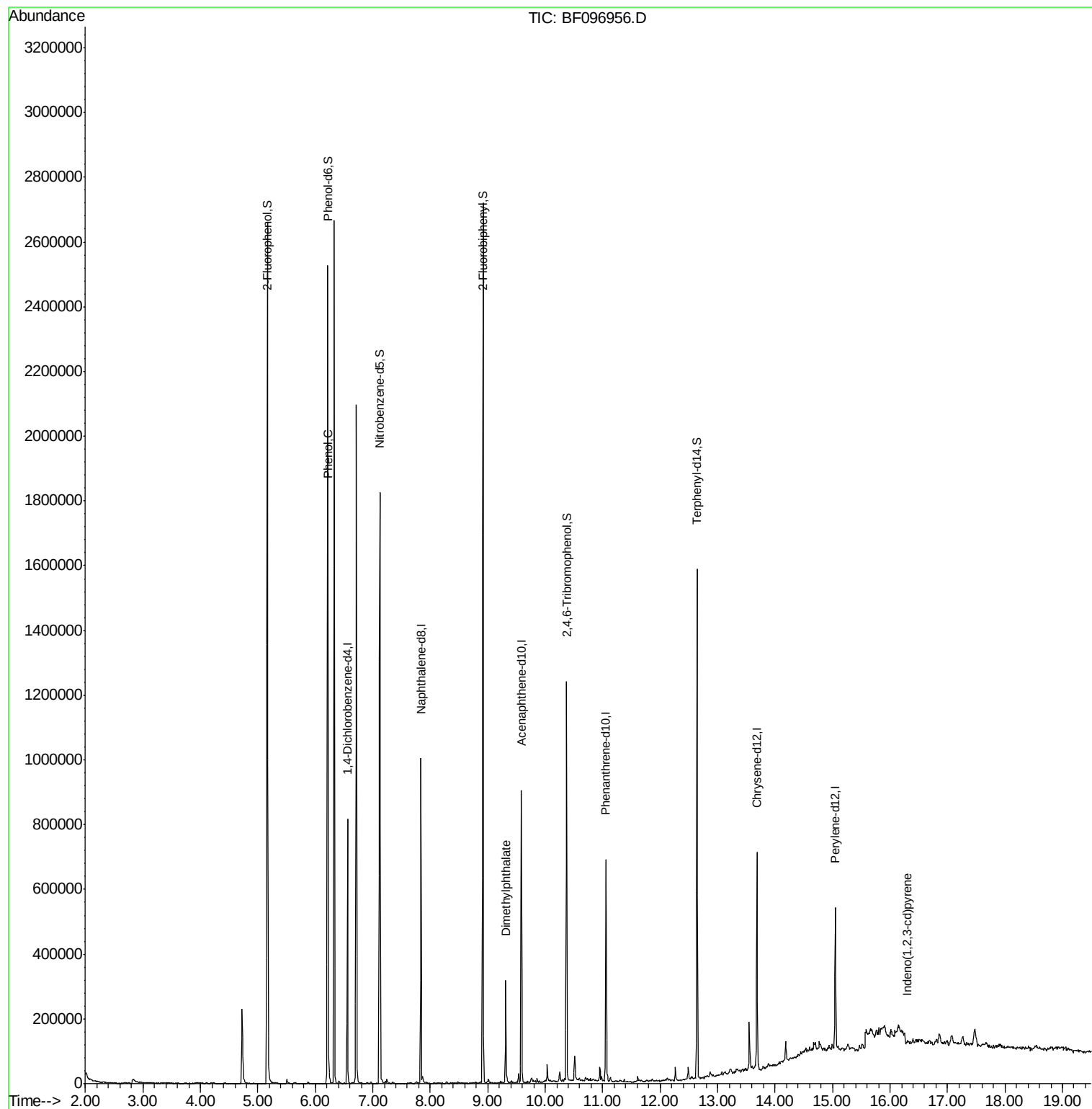
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	118818	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	470966	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	183700	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	237987	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	223077	20.00	ng	-0.05
86) Perylene-d12	15.05	264	183830	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	788455	99.78	ng	-0.03
7) Phenol-d6	6.22	99	933287	98.42	ng	-0.04
23) Nitrobenzene-d5	7.12	82	548864	72.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	133726	85.28	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	870949	74.91	ng	-0.05
78) Terphenyl-d14	12.64	244	478596	37.21	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	47586	4.439	ng	91
49) Dimethylphthalate	9.31	163	110044	7.956	ng	99
85) Indeno(1,2,3-cd)pyrene	16.31	276	3603	3.602	ng	# 72

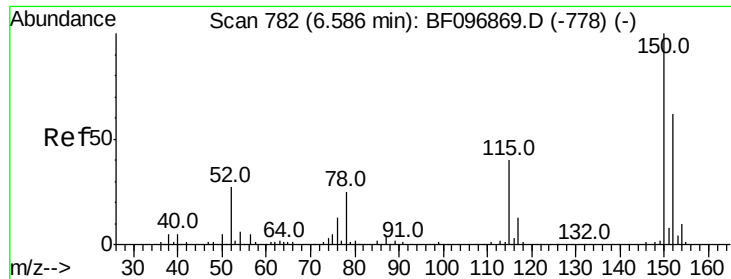
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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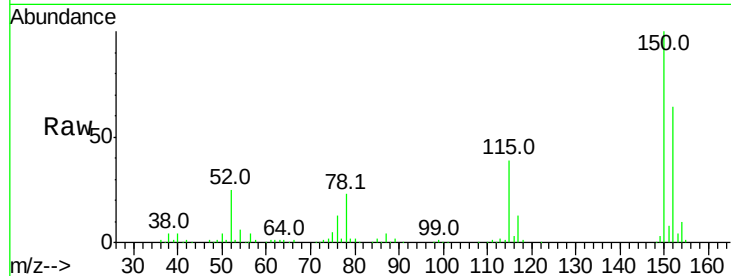


#1

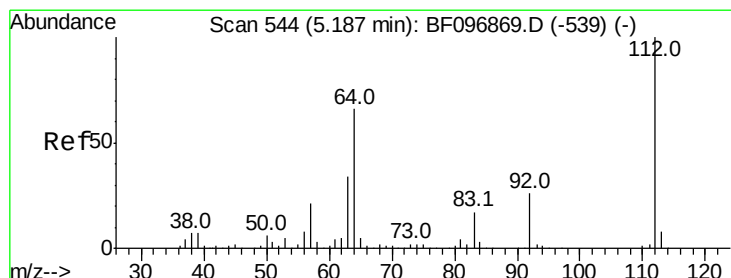
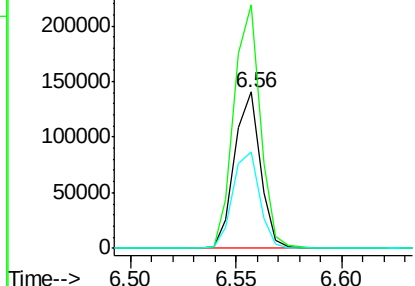
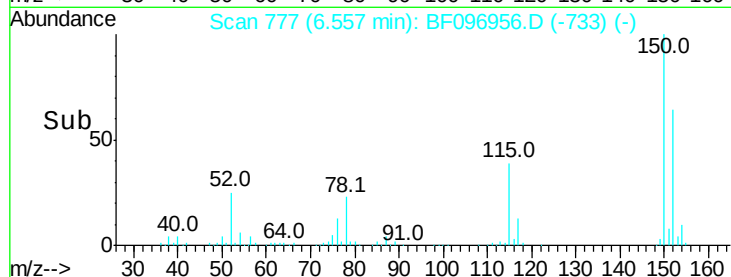
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

Tot Ion:152 Resp: 118818
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 61.4 52.2 78.2



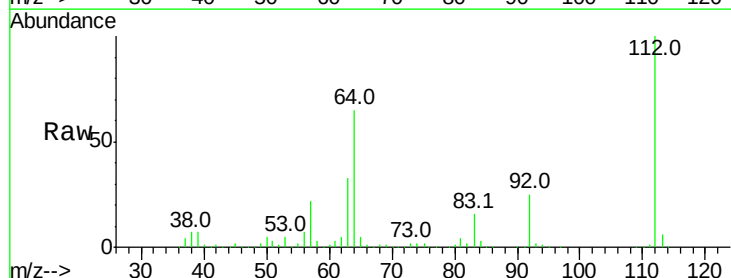
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



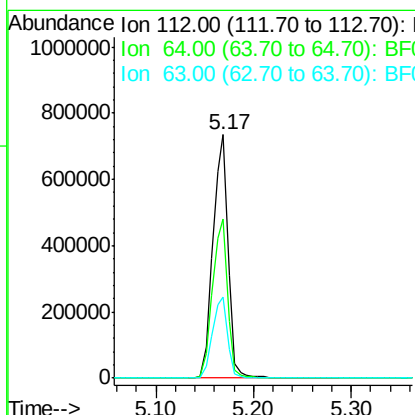
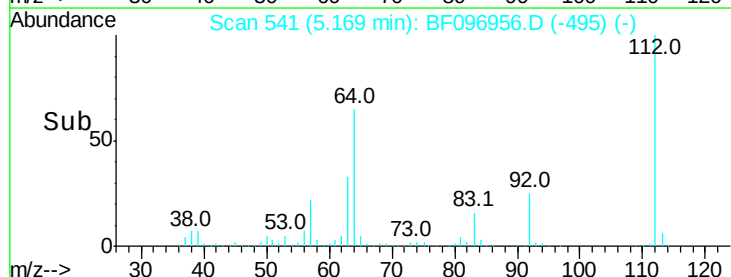
#5

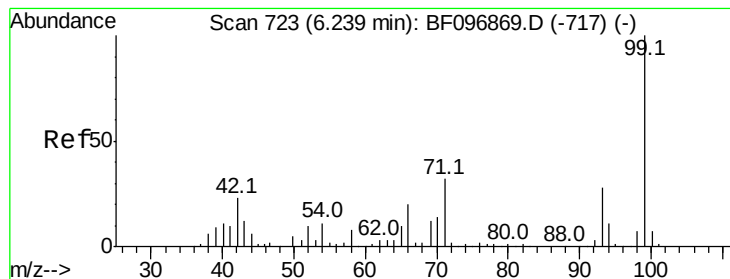
2-Fluorophenol
Concen: 99.775 ng
RT: 5.17 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:112 Resp: 788455
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 33.3 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: 98.417 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-A

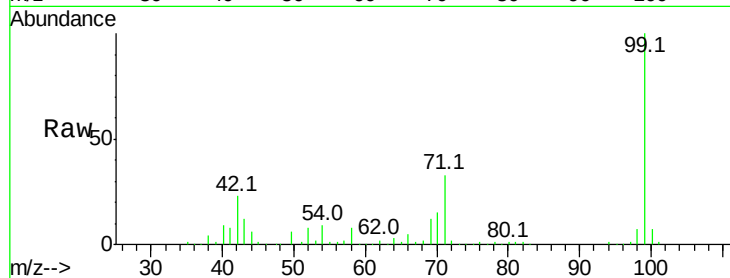
Tot Ion: 99 Resp: 933287

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

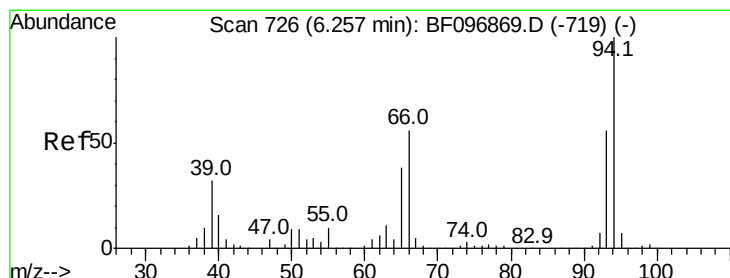
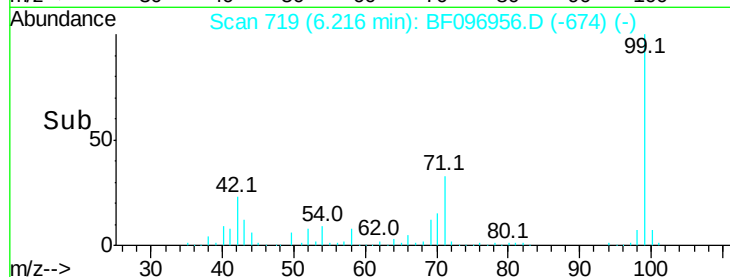
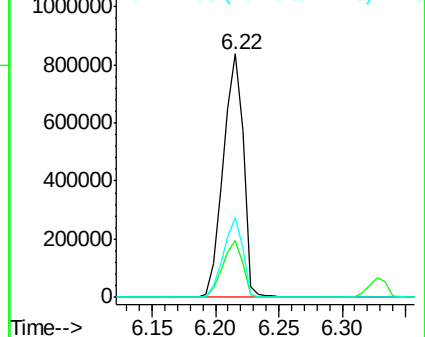
71 32.6 24.5 36.7



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



#10

Phenol

Concen: 4.439 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

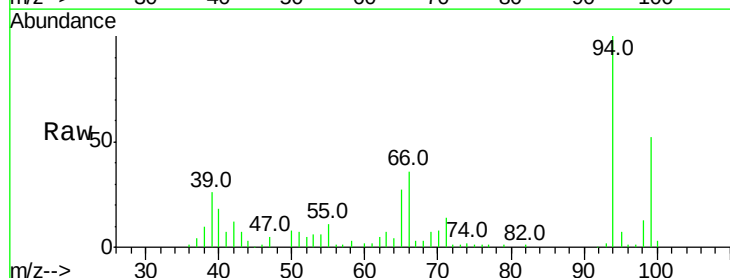
Tgt Ion: 94 Resp: 47586

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

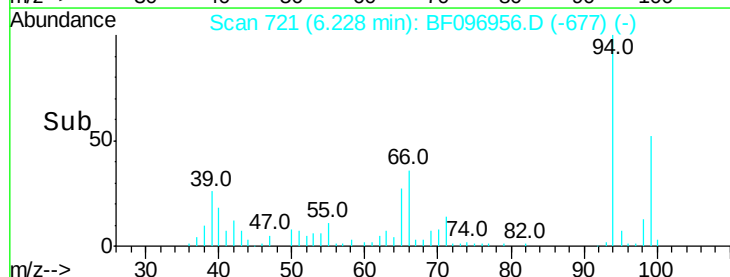
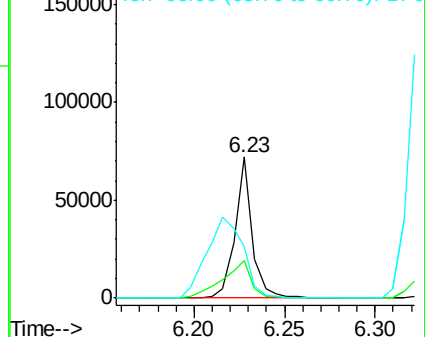
66 36.2 23.1 63.1

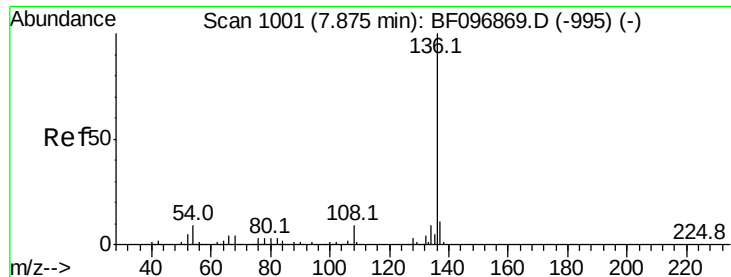


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

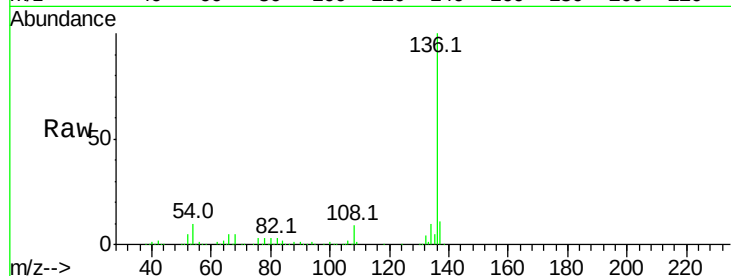




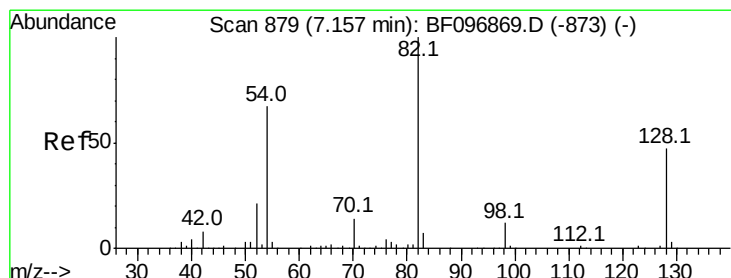
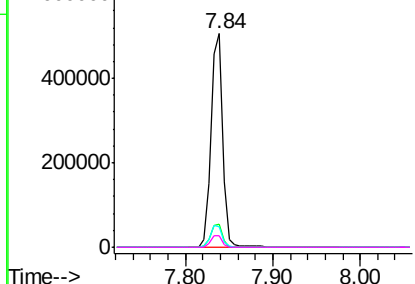
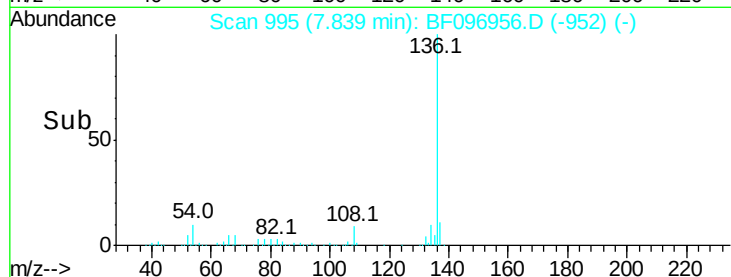
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.84 min Scan# 995
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

Tot Ion:	136	Resp:	470966
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	9.8	4.9	7.3#
68	5.3	4.1	6.1

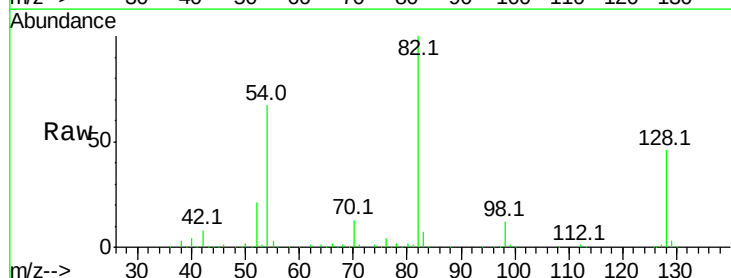


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

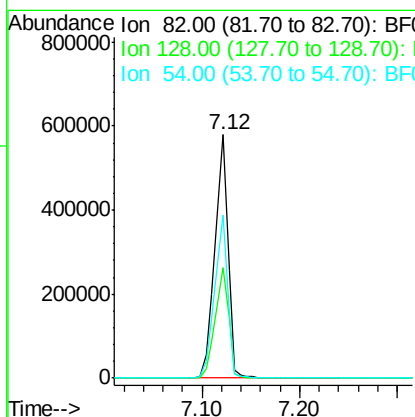
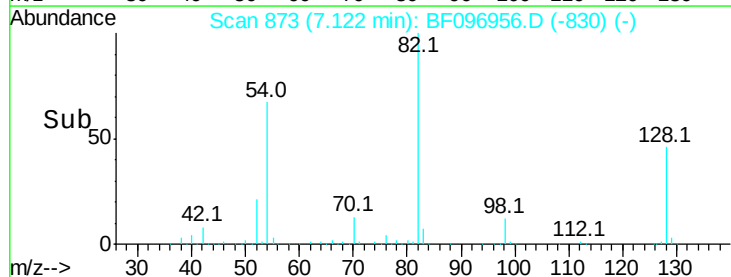


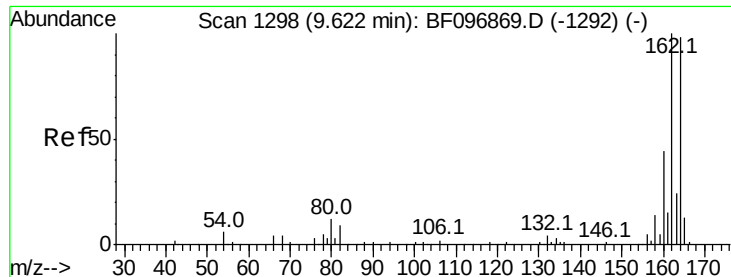
#23
Nitrobenzene-d5
Concen: 72.186 ng
RT: 7.12 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:	82	Resp:	548864
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.0	51.0
54	66.7	42.2	63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

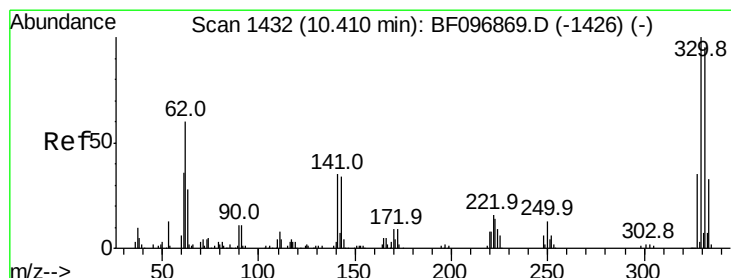
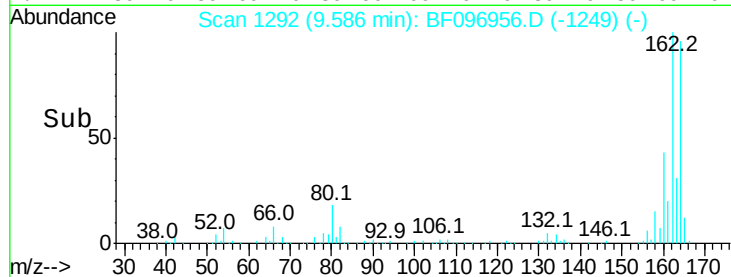
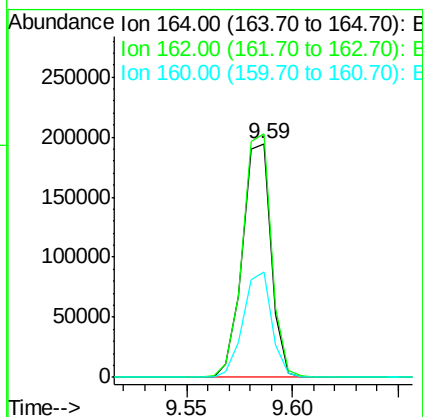
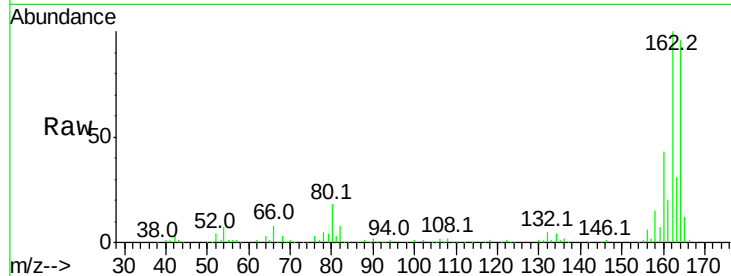




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.59 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

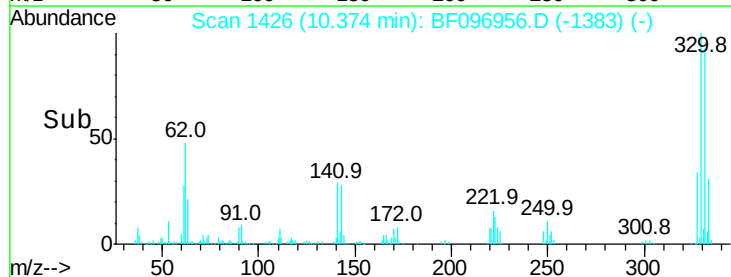
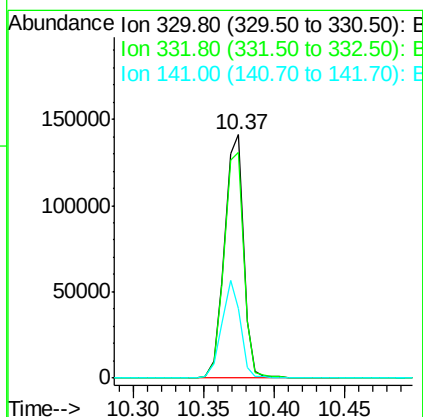
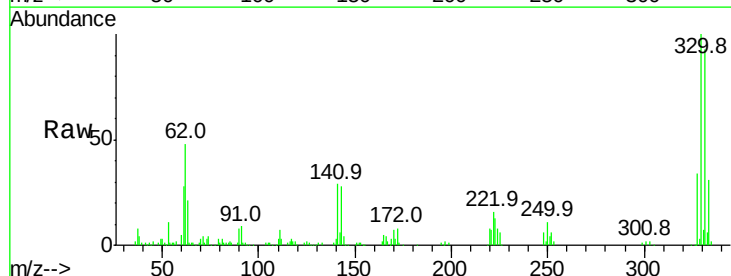
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

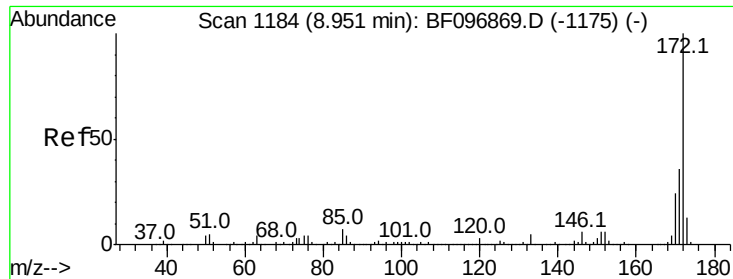
Tot Ion:164 Resp: 183700
Ion Ratio Lower Upper
164 100
162 104.1 82.6 123.8
160 45.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 85.282 ng
RT: 10.37 min Scan# 1426
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:330 Resp: 133726
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 38.5 31.4 47.2

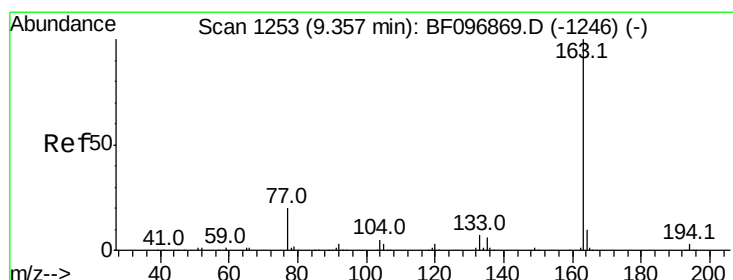
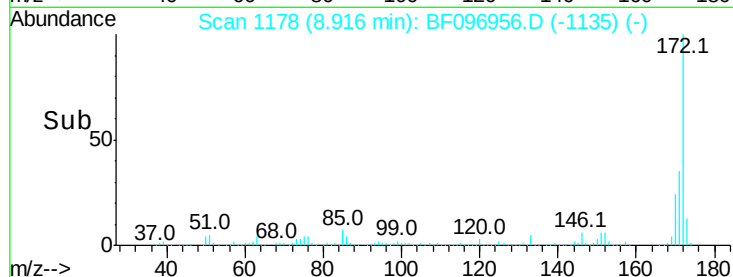
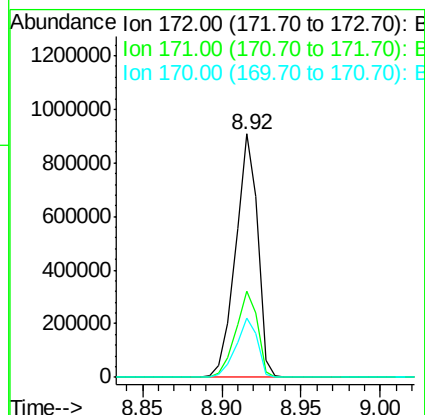
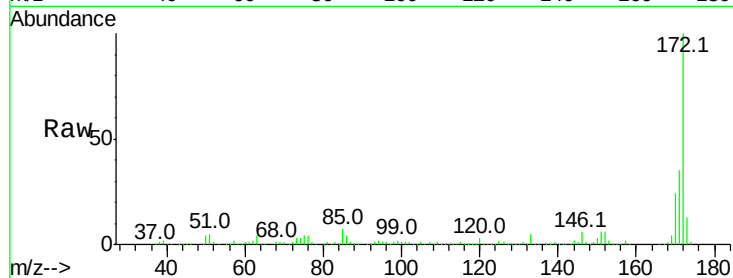




#44
 2-Fluorobiphenyl
 Concen: 74.906 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

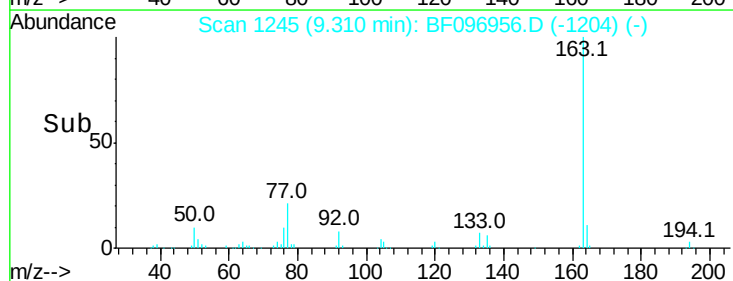
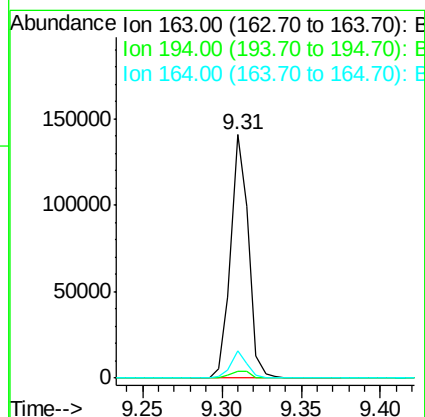
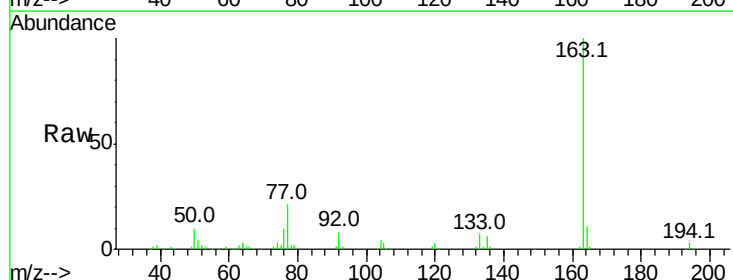
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-A

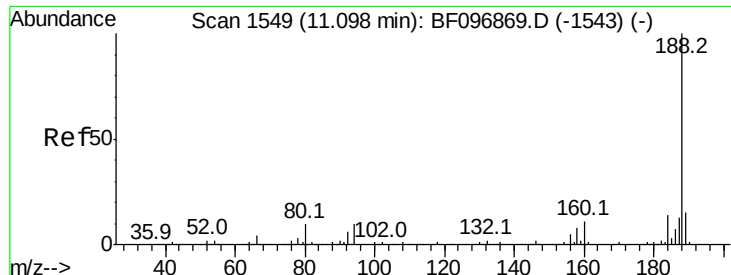
Tot Ion:172 Resp: 870949
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 24.3 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.956 ng
 RT: 9.31 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF096956.D
 Acq: 21 Jul 2017 20:55

Tgt Ion:163 Resp: 110044
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 11.1 8.4 12.6

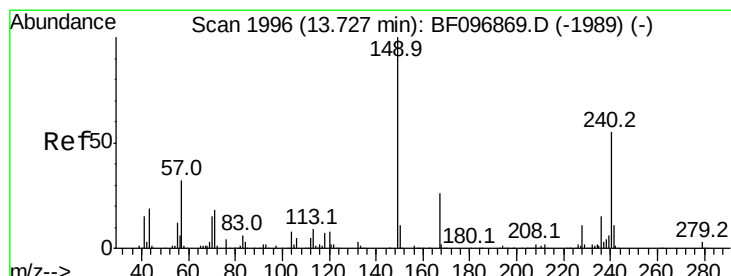
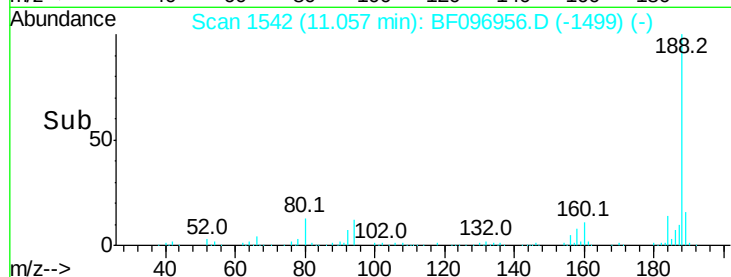
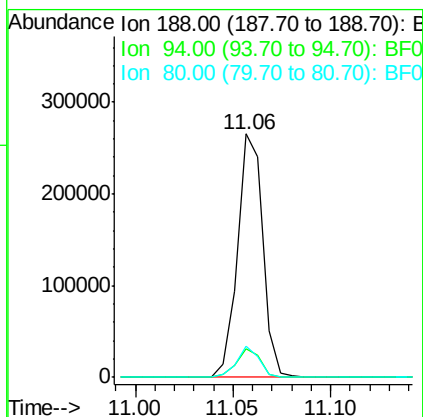
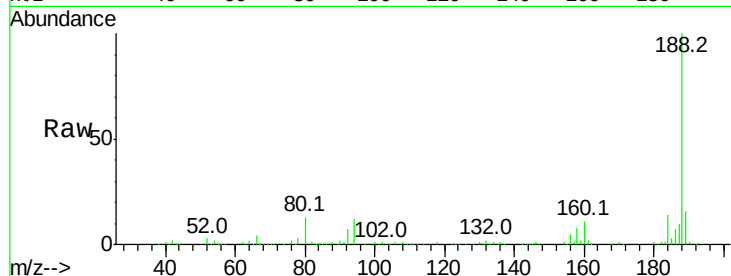




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

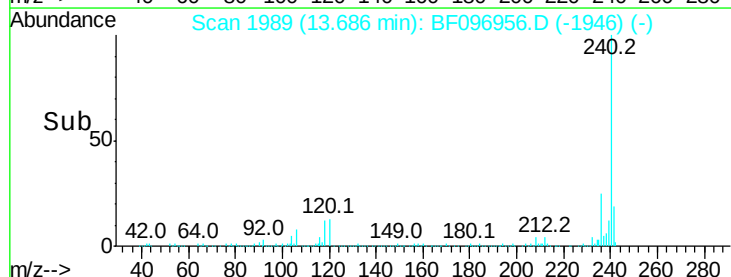
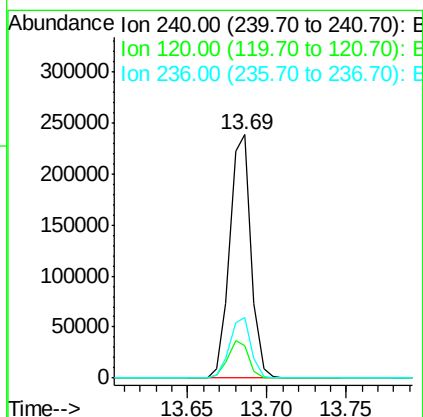
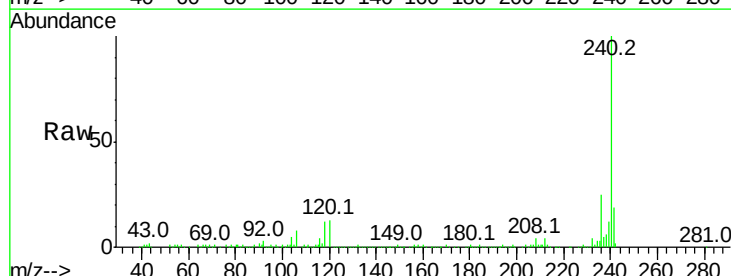
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

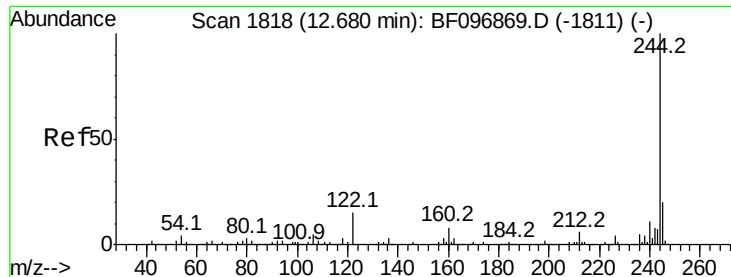
Tot Ion:188 Resp: 237987
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Tgt Ion:240 Resp: 223077
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 24.8 20.5 30.7





#78

Terphenyl-d14

Concen: 37.207 ng

RT: 12.64 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-001-A

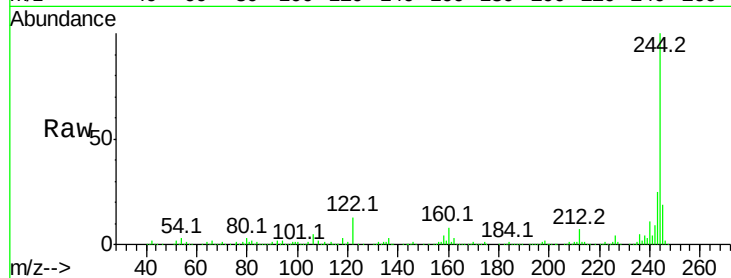
Tot Ion:244 Resp: 478596

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

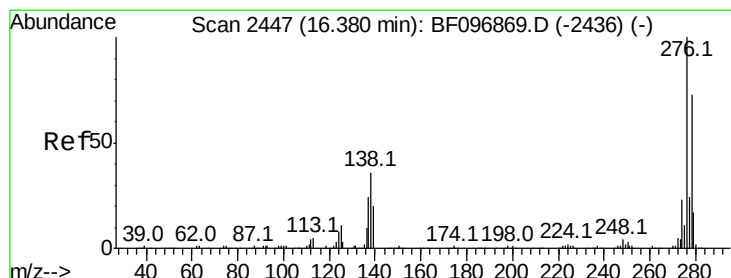
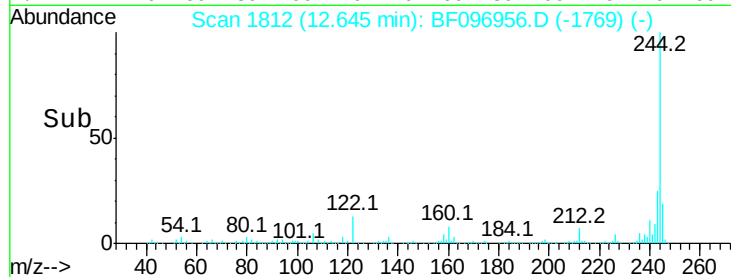
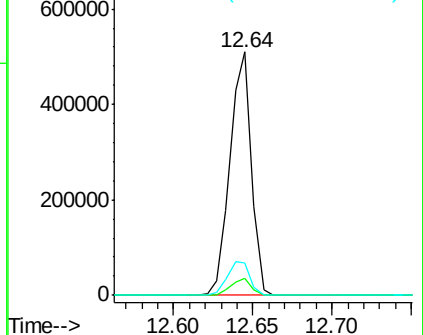
122 13.3 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.602 ng

RT: 16.31 min Scan# 2435

Delta R.T. -0.08 min

Lab File: BF096956.D

Acq: 21 Jul 2017 20:55

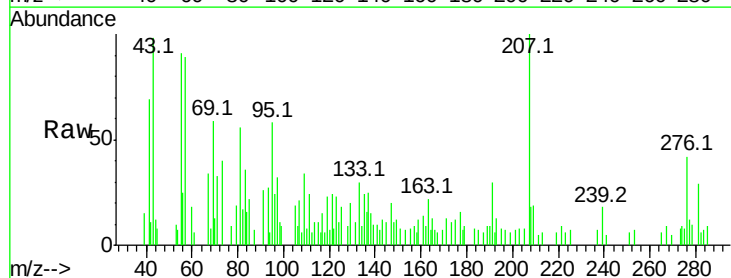
Tgt Ion:276 Resp: 3603

Ion Ratio Lower Upper

276 100

138 60.2 27.8 41.6#

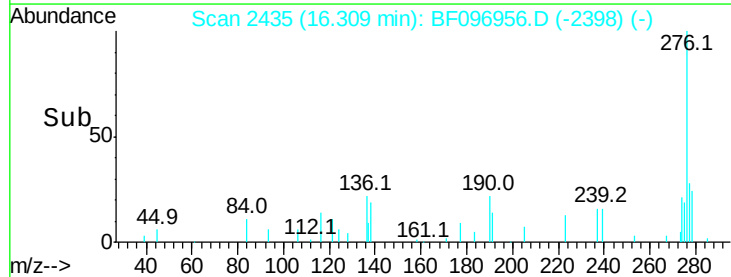
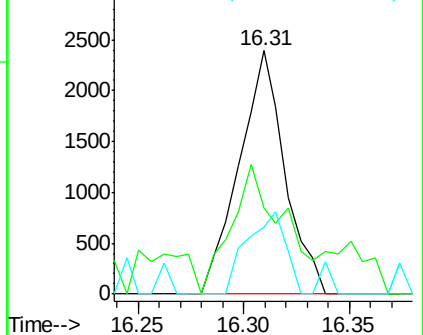
277 28.6 20.2 30.4

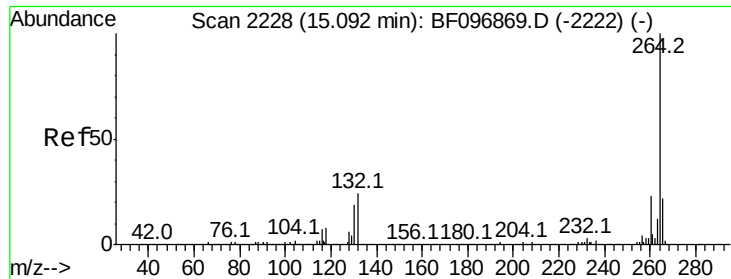


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.05 min
Lab File: BF096956.D
Acq: 21 Jul 2017 20:55

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	21.3	17.2	25.8

