

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103135.D
 Acq On : 21 Feb 2018 14:44
 Operator : SJ/JU
 Sample : J1622-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

Quant Time: Feb 21 15:34:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

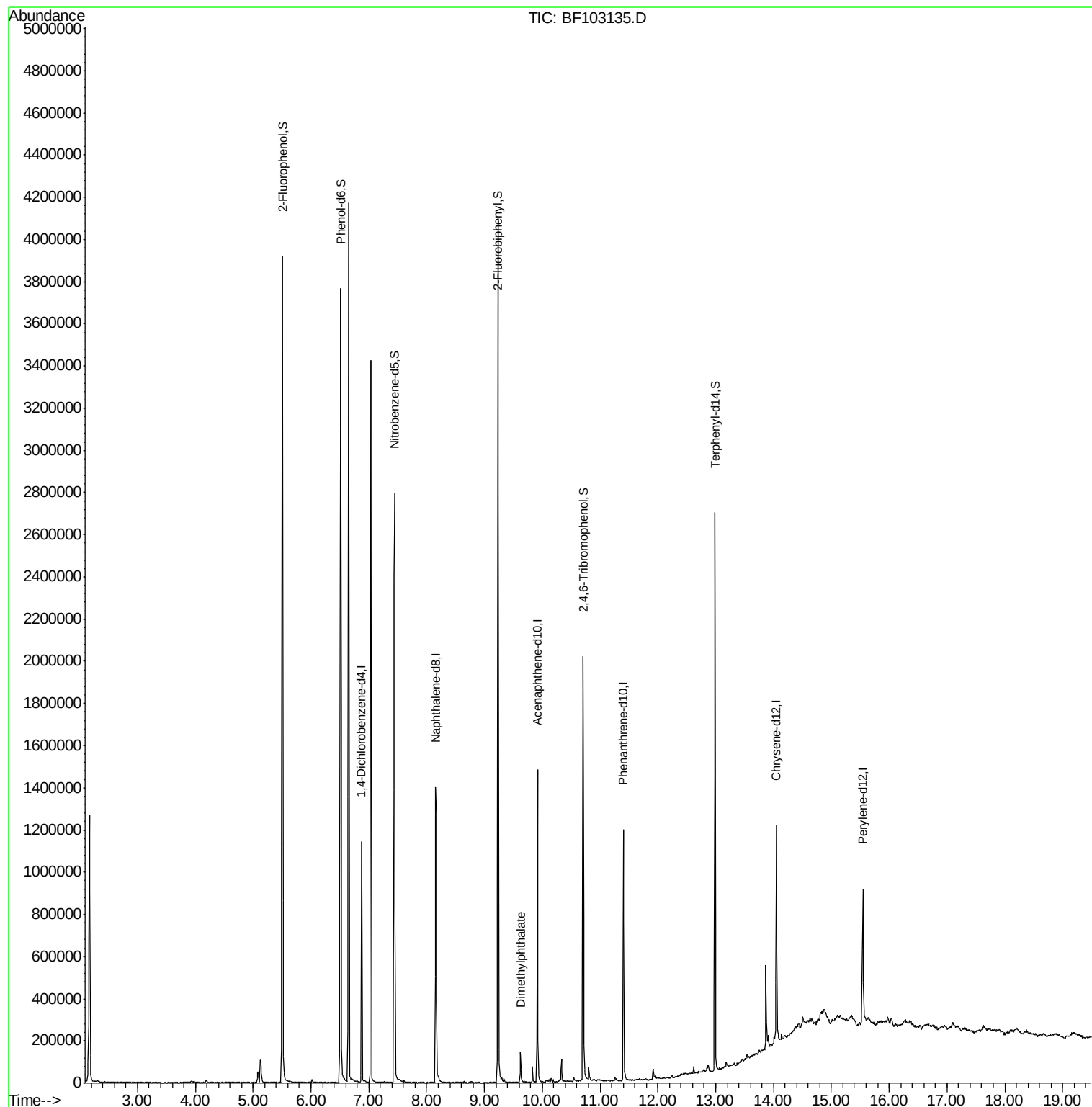
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169540	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	703368	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	276583	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	418272	20.00	ng	0.00
75) Chrysene-d12	14.05	240	342128	20.00	ng	0.00
86) Perylene-d12	15.54	264	298233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1287883	115.36	ng	0.02
7) Phenol-d6	6.52	99	1520046	113.08	ng	0.00
23) Nitrobenzene-d5	7.45	82	968766	95.55	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	252718	113.52	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1381093	82.86	ng	0.00
78) Terphenyl-d14	12.99	244	958575	66.34	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.63	163	68150	3.160	ng	98

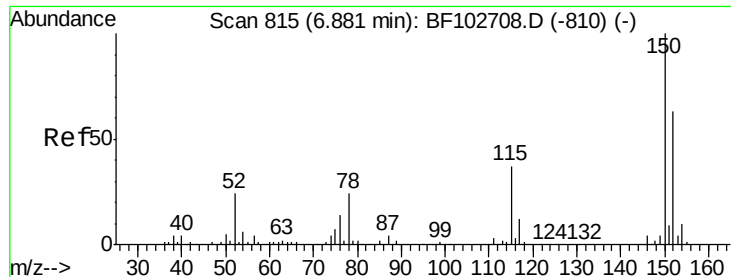
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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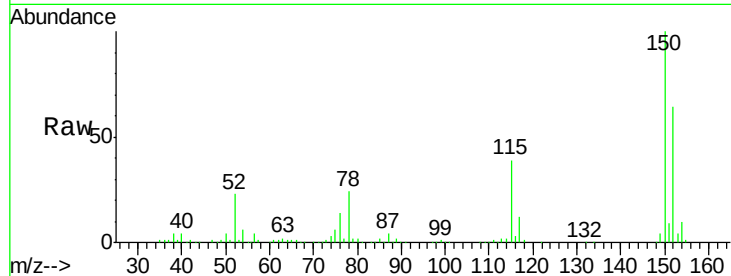


#1

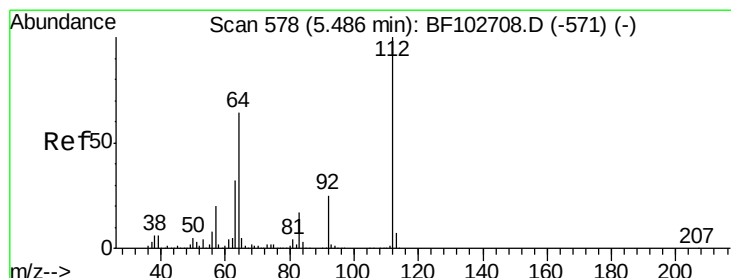
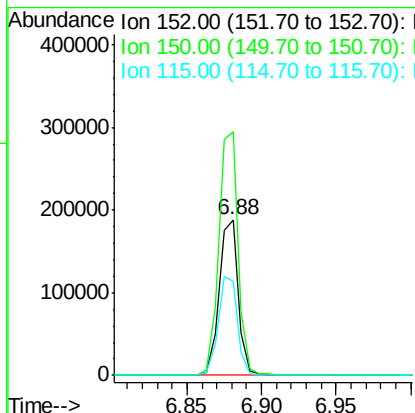
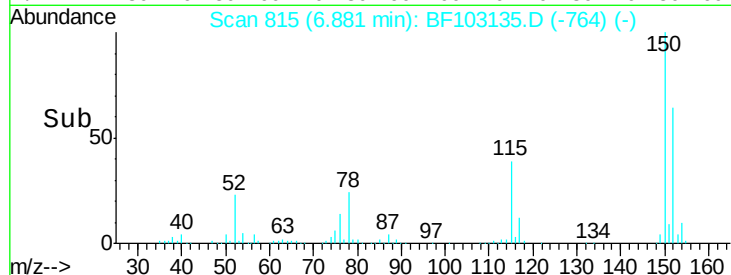
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Instrument :
BNA_F
ClientSampleId :
MAD-SUB-TRENCH

Tot Ion:152 Resp: 169540
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 60.2 50.1 75.1



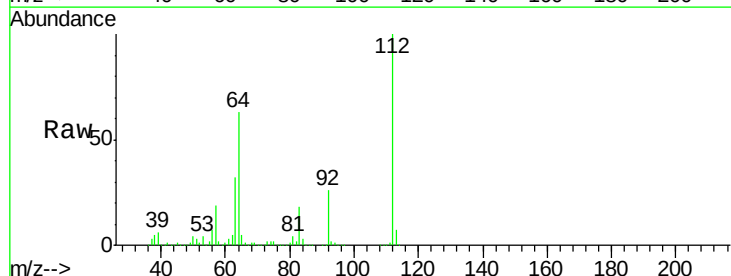
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



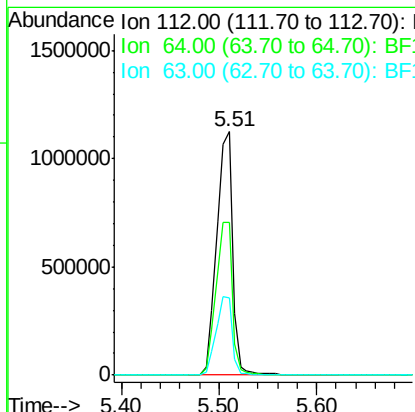
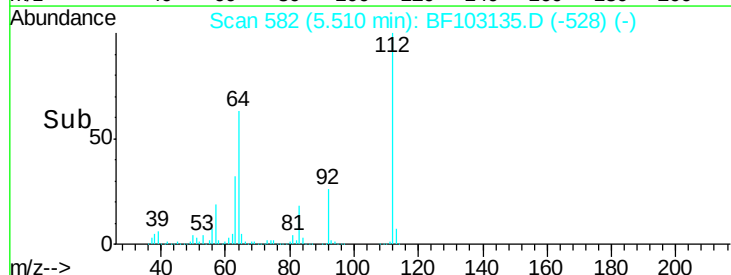
#5

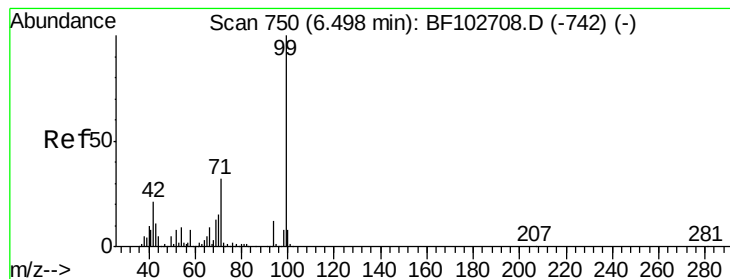
2-Fluorophenol
Concen: 115.363 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103135.D
Acq: 21 Feb 2018 14:44

Tgt Ion:112 Resp: 1287883
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.083 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

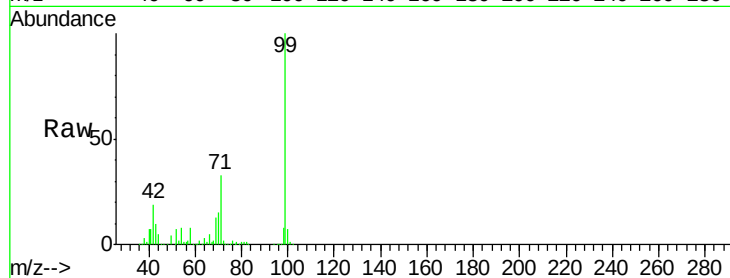
BNA_F

ClientSampleId :

MAD-SUB-TRENCH

Tot Ion: 99 Resp: 1520046

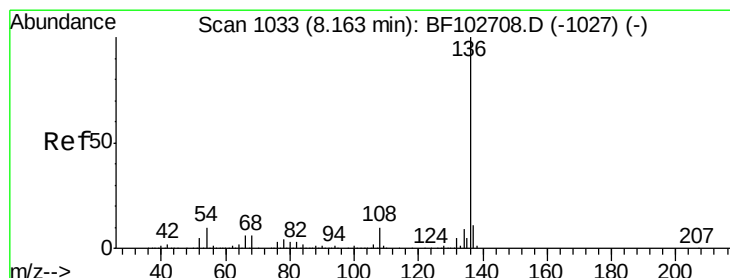
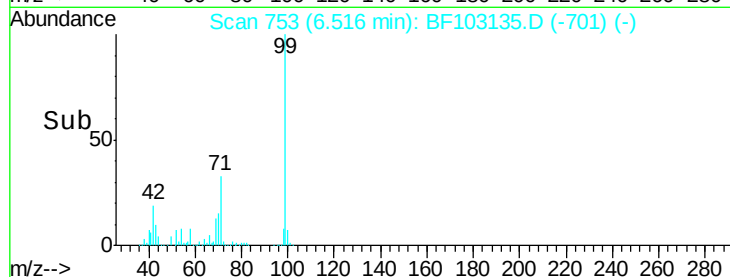
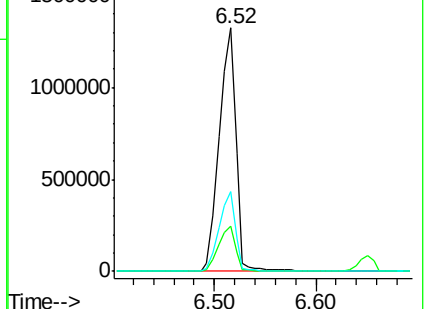
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.5	21.7
71	32.8	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

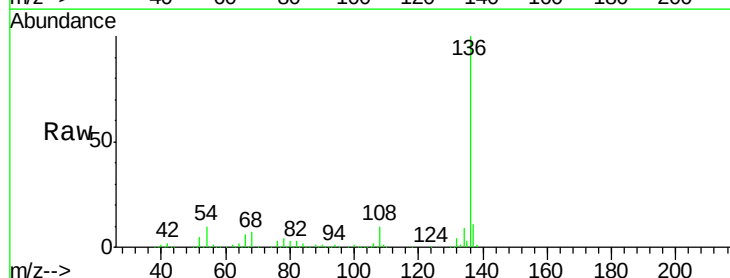
Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Tgt Ion: 136 Resp: 703368

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	6.6	9.8#
68	6.9	5.0	7.4

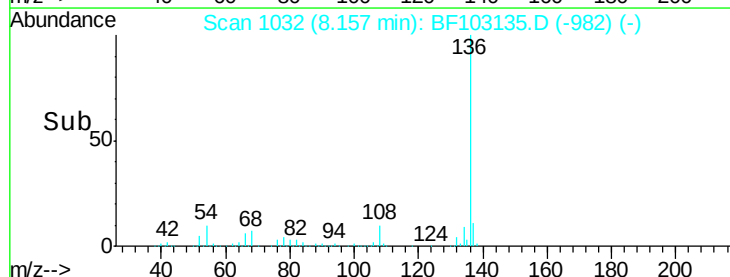
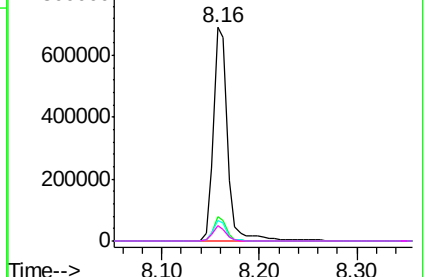


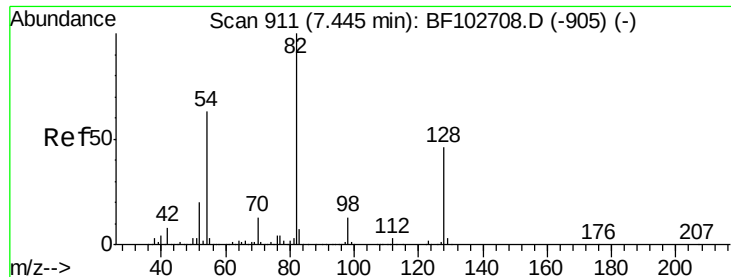
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

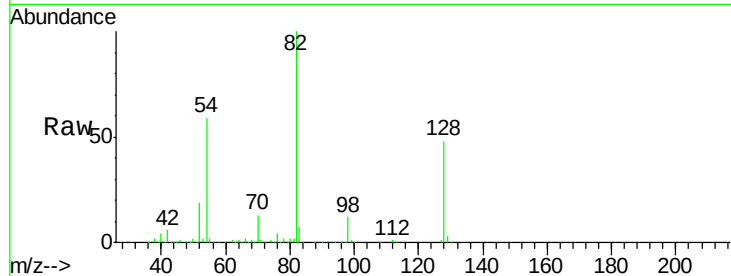




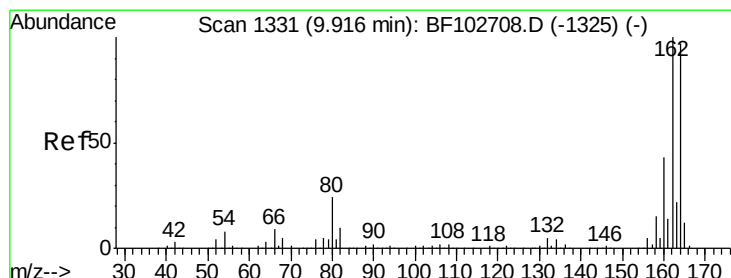
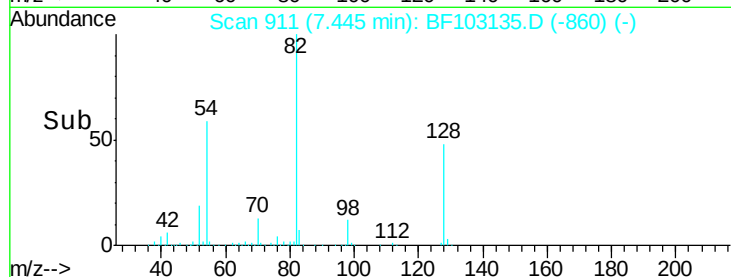
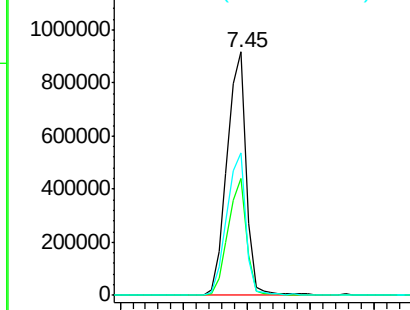
#23
 Nitrobenzene-d5
 Concen: 95.546 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

Tot Ion	82	Resp	968766
Ion Ratio	Lower	Upper	
82	100		
128	48.2	36.1	54.1
54	58.8	41.4	62.2

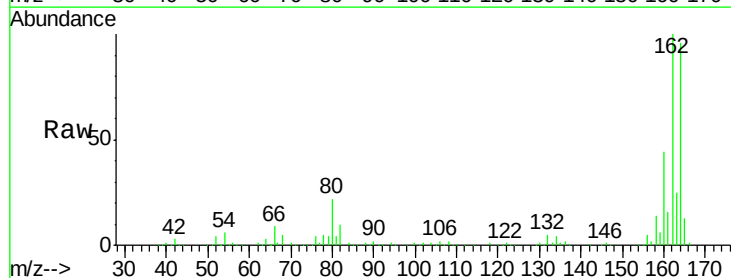


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

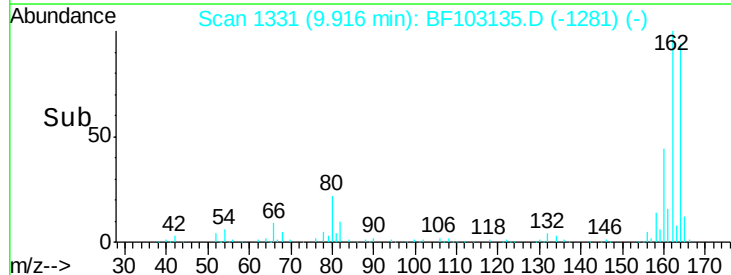
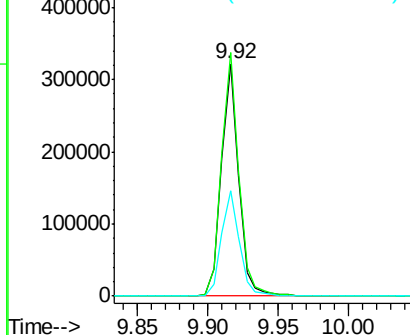


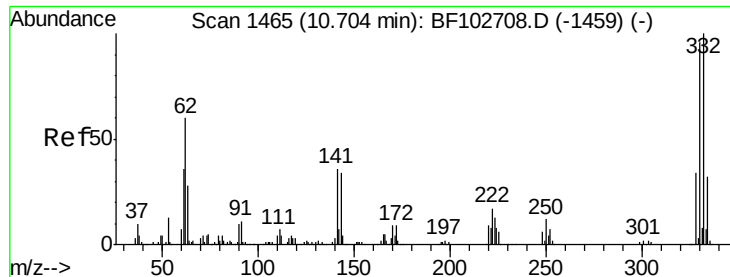
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Tgt Ion	164	Resp	276583
Ion Ratio	Lower	Upper	
164	100		
162	104.6	86.1	129.1
160	45.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 113.521 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

BNA_F

ClientSampleId :

MAD-SUB-TRENCH

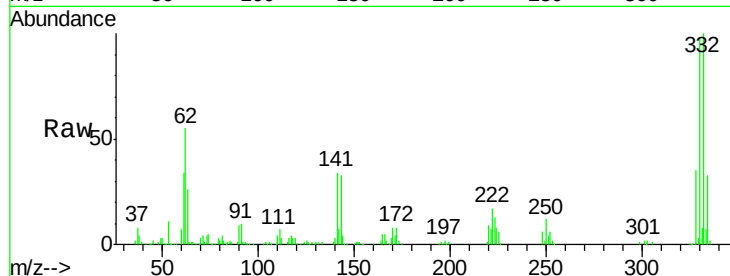
Tot Ion:330 Resp: 252718

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

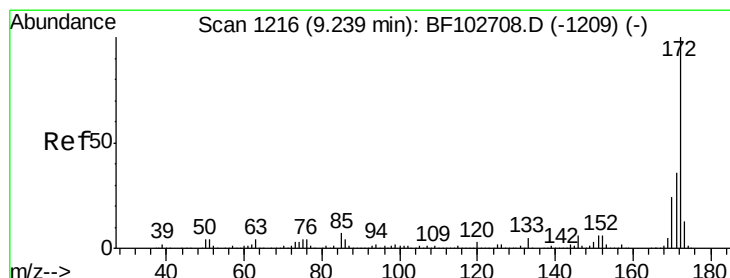
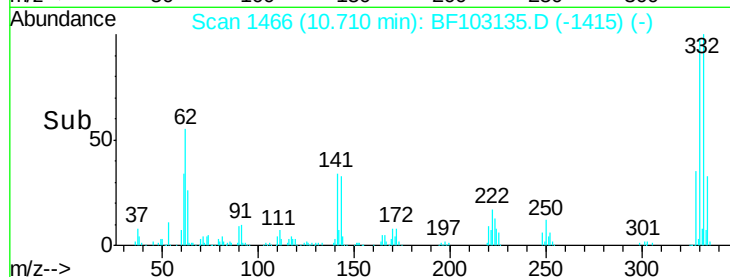
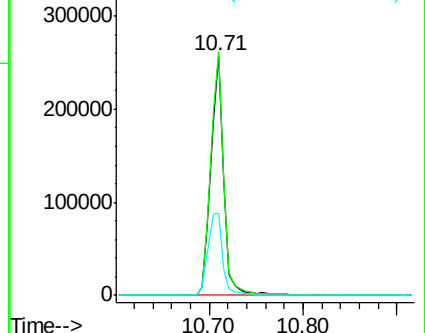
141 39.3 29.9 44.9



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: 82.858 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

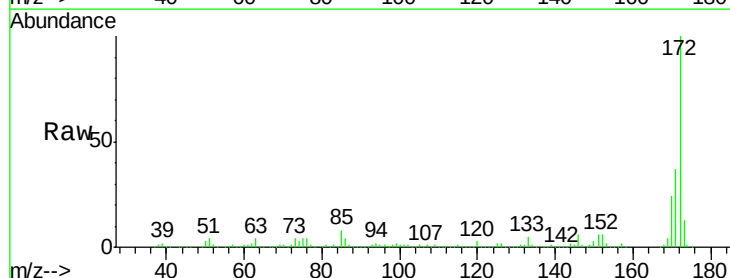
Tgt Ion:172 Resp: 1381093

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

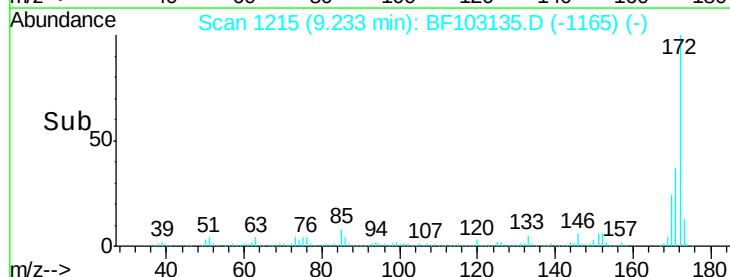
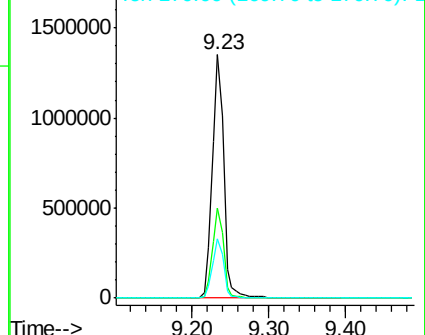
170 24.5 19.6 29.4

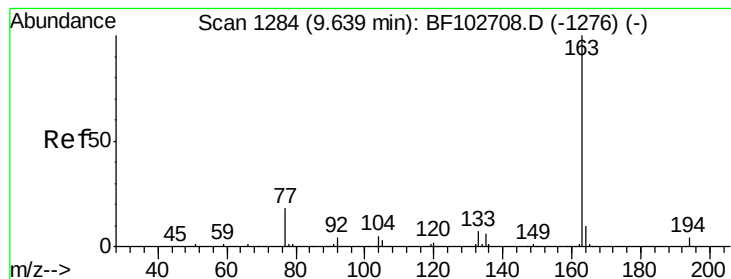


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.160 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

BNA_F

ClientSampleId :

MAD-SUB-TRENCH

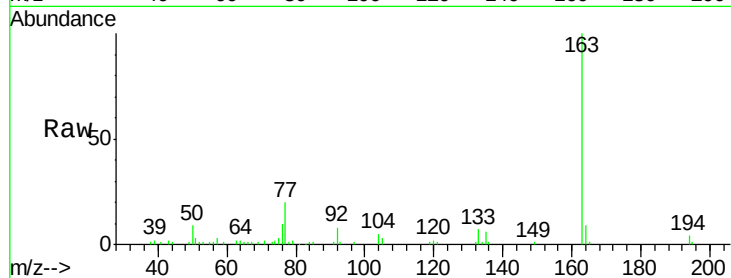
Tot Ion:163 Resp: 68150

Ion Ratio Lower Upper

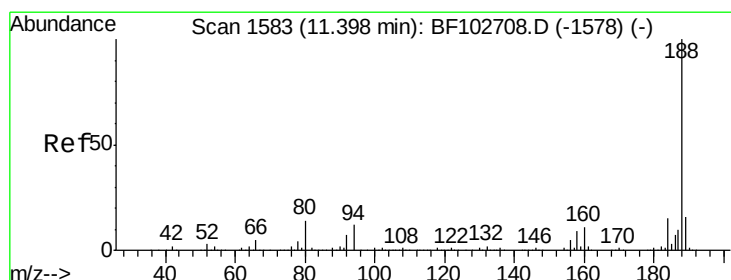
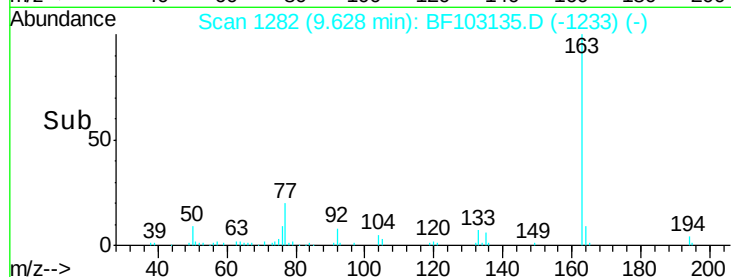
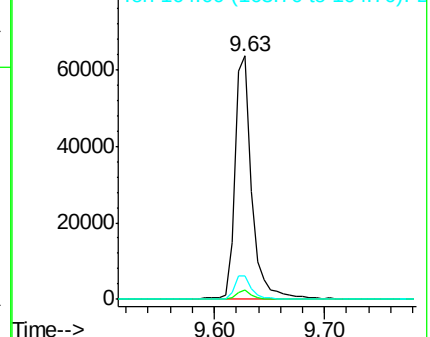
163 100

194 3.8 2.7 4.1

164 9.5 8.2 12.2



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: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

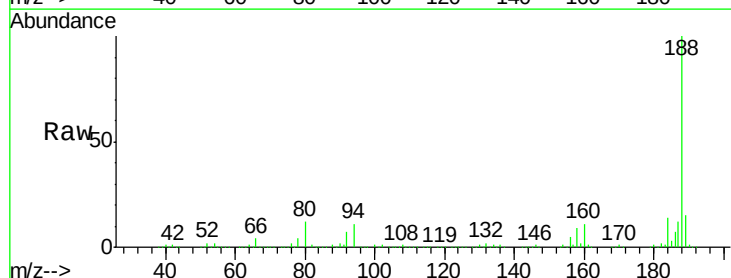
Tgt Ion:188 Resp: 418272

Ion Ratio Lower Upper

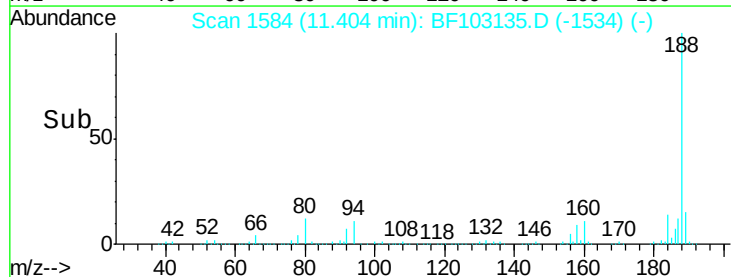
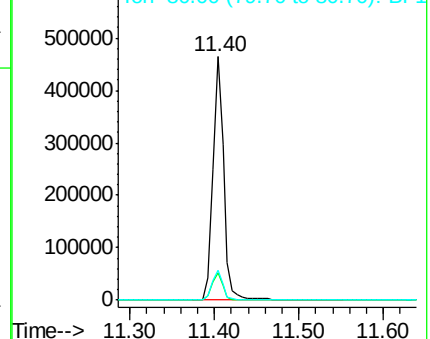
188 100

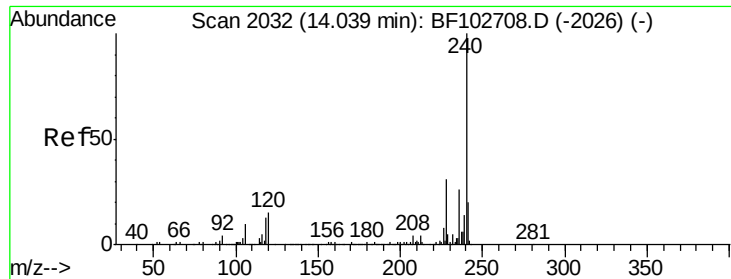
94 11.3 8.5 12.7

80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

Instrument :

BNA_F

ClientSampleId :

MAD-SUB-TRENCH

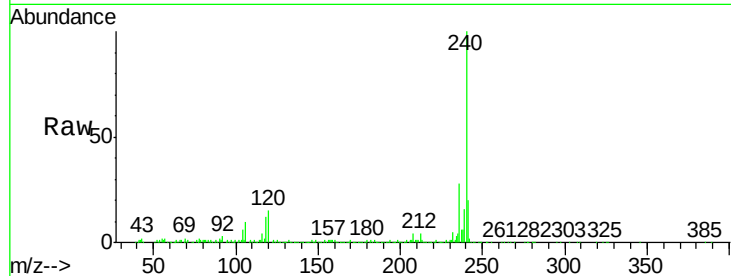
Tot Ion:240 Resp: 342128

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

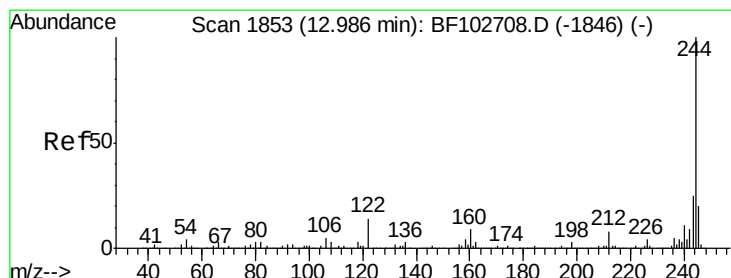
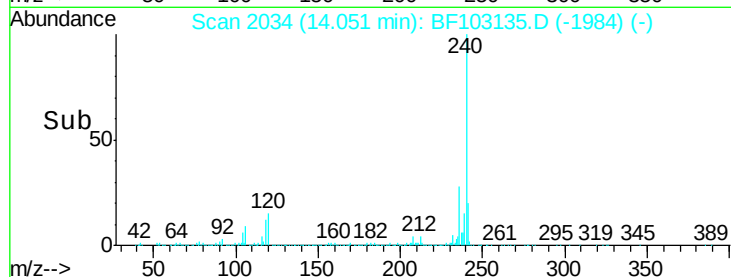
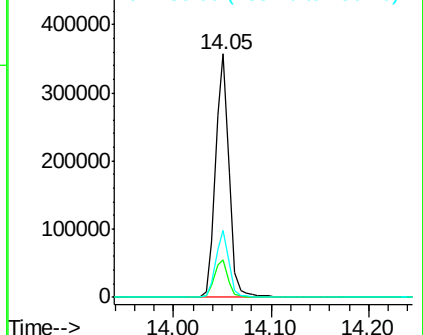
236 27.7 20.7 31.1



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: 66.340 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103135.D

Acq: 21 Feb 2018 14:44

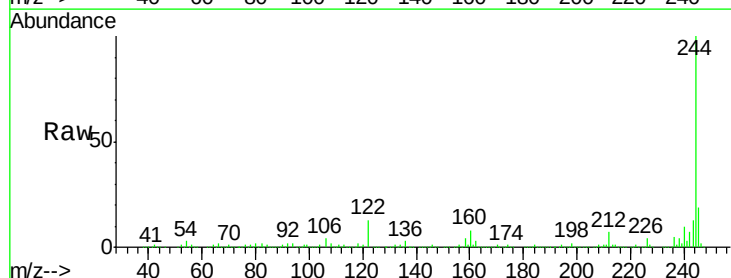
Tgt Ion:244 Resp: 958575

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

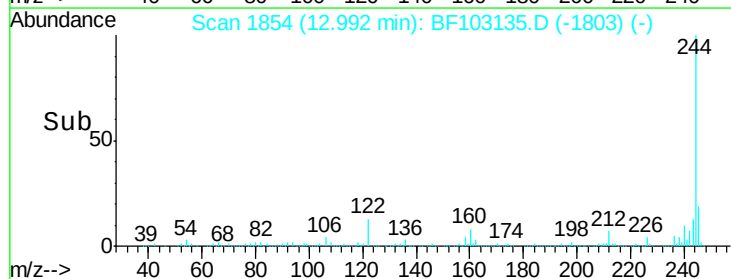
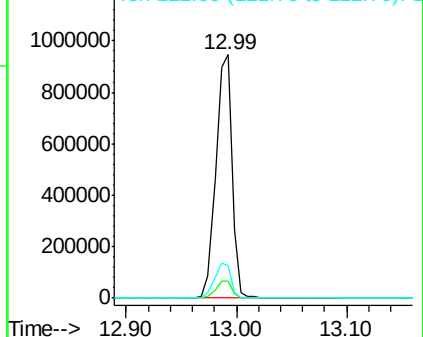
122 13.4 11.0 16.4

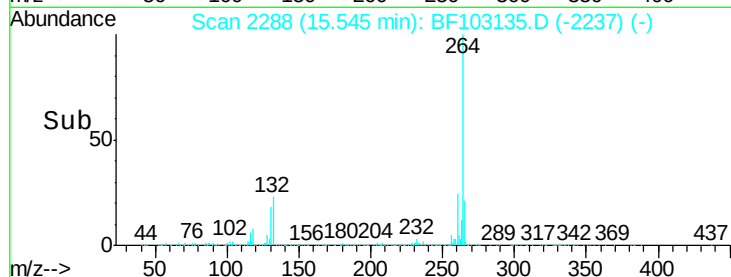
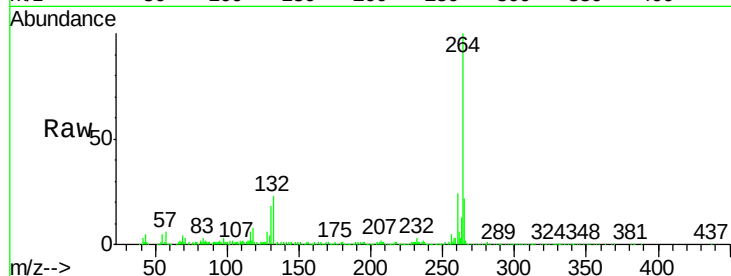
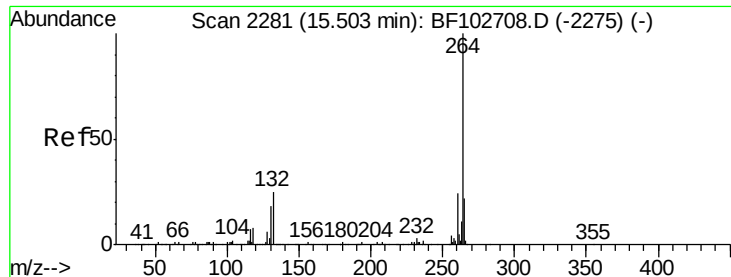


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF103135.D
 Acq: 21 Feb 2018 14:44

Instrument :
 BNA_F
 ClientSampleId :
 MAD-SUB-TRENCH

Tot Ion:	264	Resp:	298233
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3

