

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098046.D
 Acq On : 25 Aug 2017 22:39
 Operator : SJ/JU
 Sample : I4955-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Quant Time: Aug 26 00:18:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

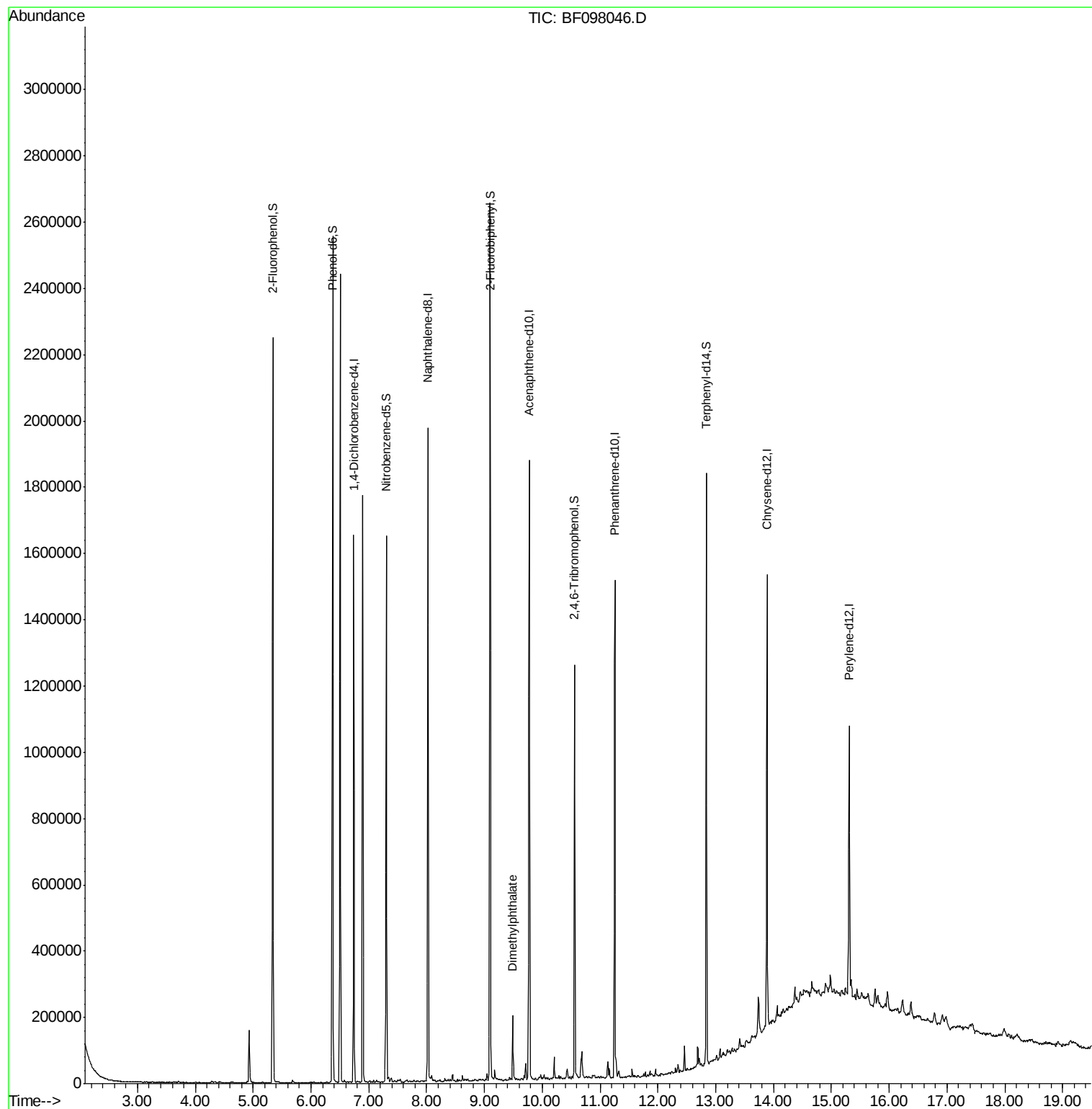
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	219860	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	831997	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	334726	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	529096	20.00	ng	0.00
75) Chrysene-d12	13.89	240	466037	20.00	ng	-0.01
86) Perylene-d12	15.31	264	384103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	701998	48.57	ng	0.00
7) Phenol-d6	6.37	99	980726	49.94	ng	-0.01
23) Nitrobenzene-d5	7.30	82	576129	37.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	127518	43.91	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	775868	34.05	ng	-0.01
78) Terphenyl-d14	12.84	244	496800	22.23	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	63243	2.585	ng	99

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

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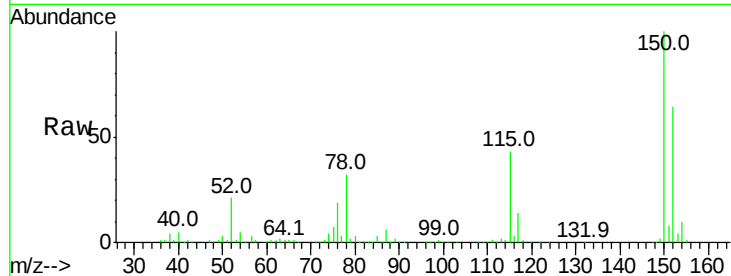


#1

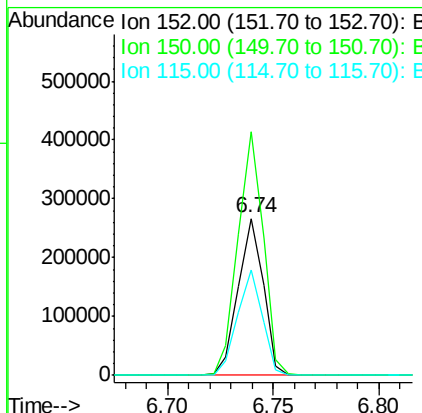
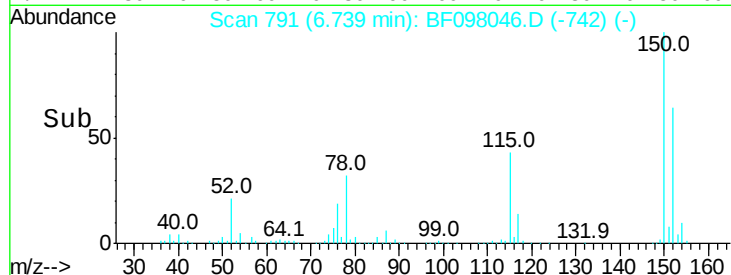
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Tot Ion:152 Resp: 219860
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 67.0 52.2 78.2



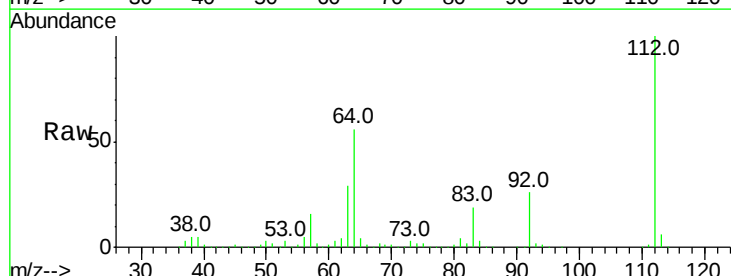
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



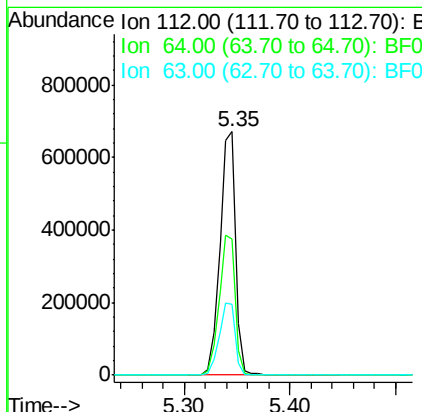
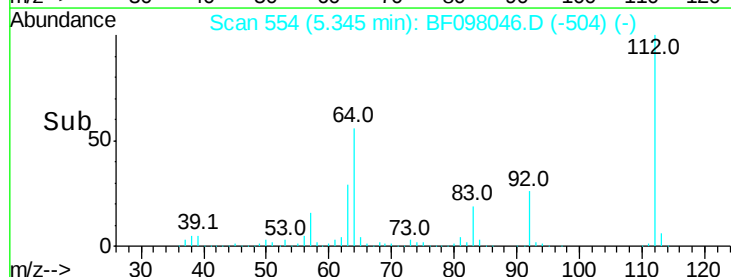
#5

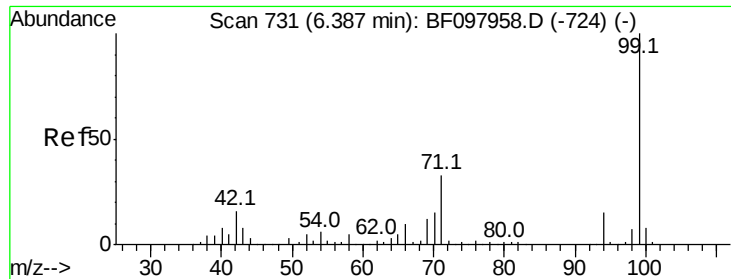
2-Fluorophenol
 Concen: 48.567 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Tgt Ion:112 Resp: 701998
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.0 69.0
 63 29.2 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: 49.937 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-A

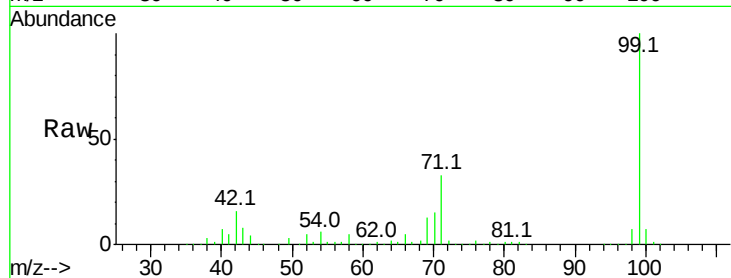
Tot Ion: 99 Resp: 980726

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

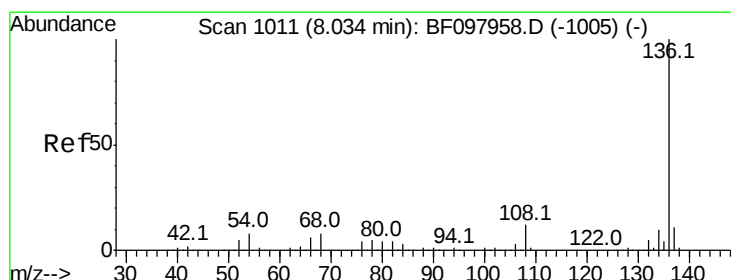
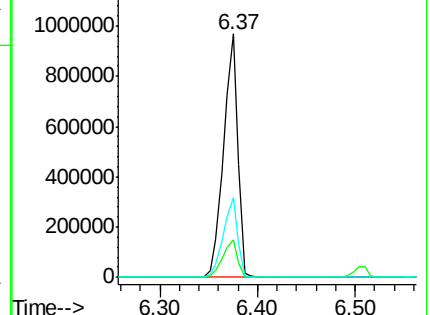
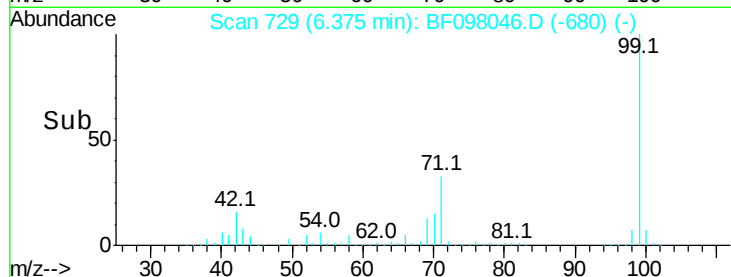
71 32.9 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

Tgt Ion: 136 Resp: 831997

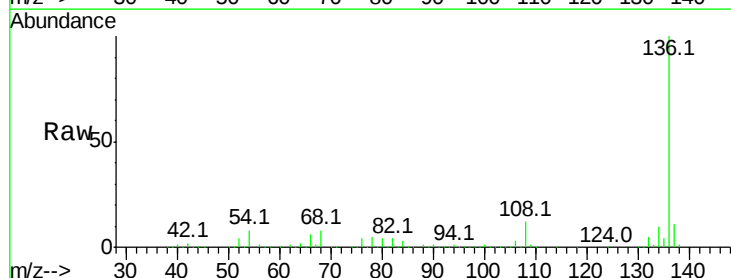
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 7.6 4.1 6.1#

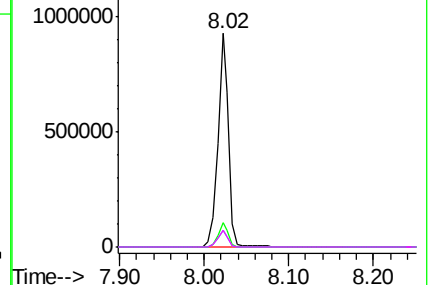
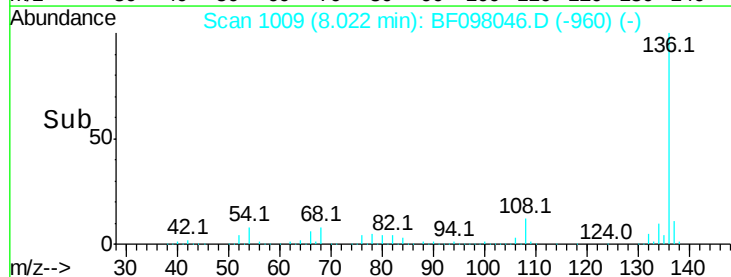


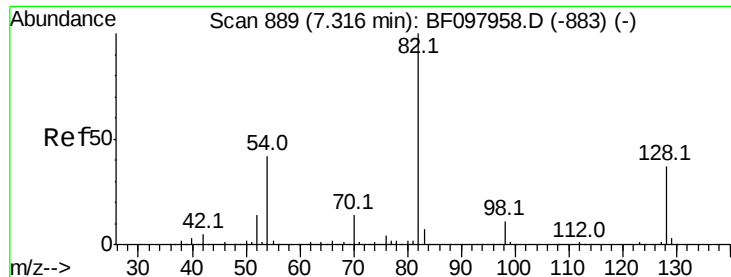
Abundance Ion 136.00 (135.70 to 136.70): E

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

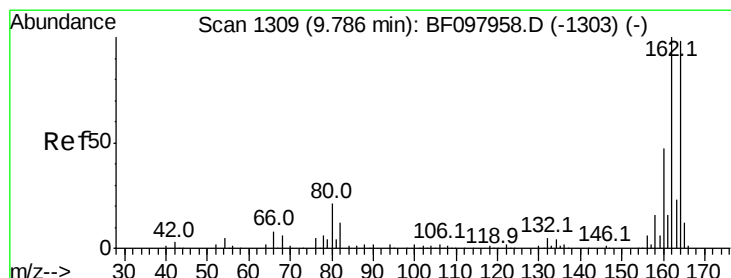
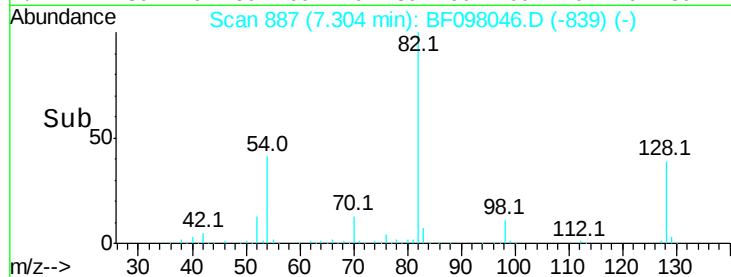
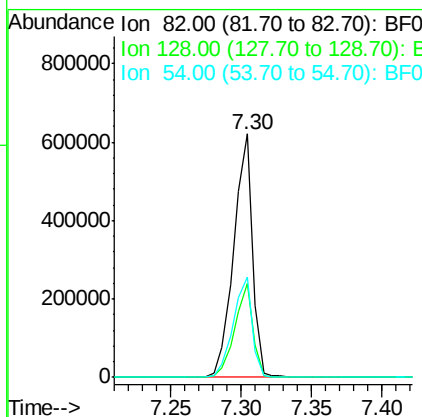
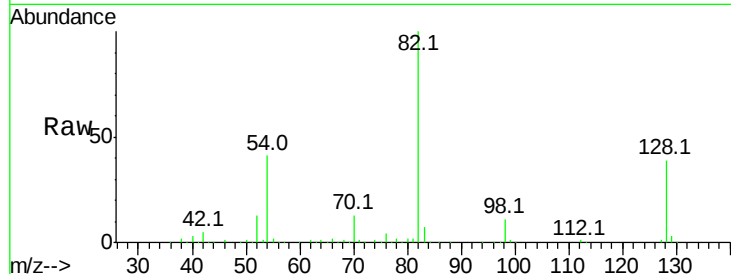




#23
 Nitrobenzene-d5
 Concen: 37.618 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

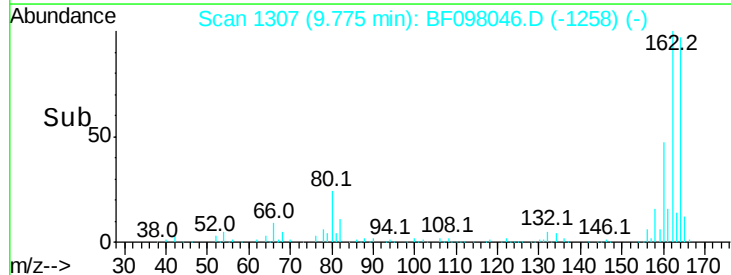
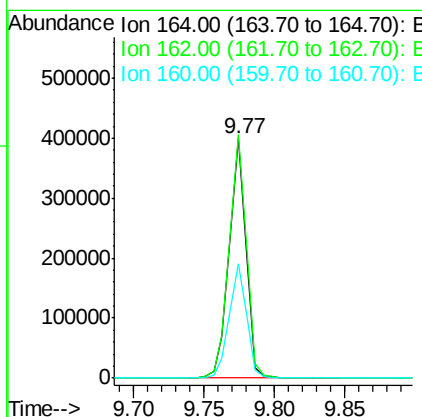
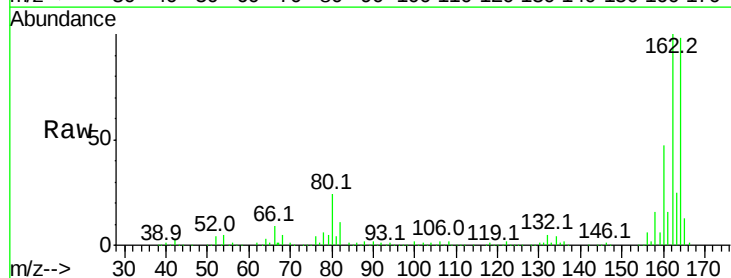
Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	34.0	51.0
54	41.2	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	47.9	36.2	54.2

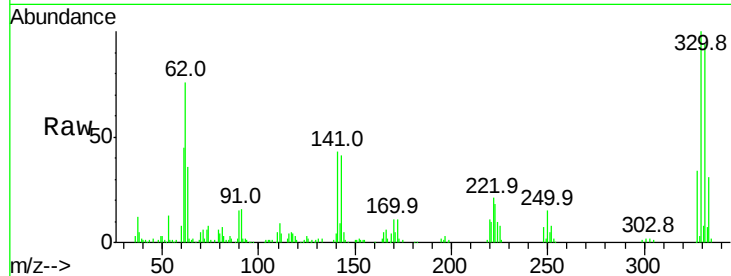




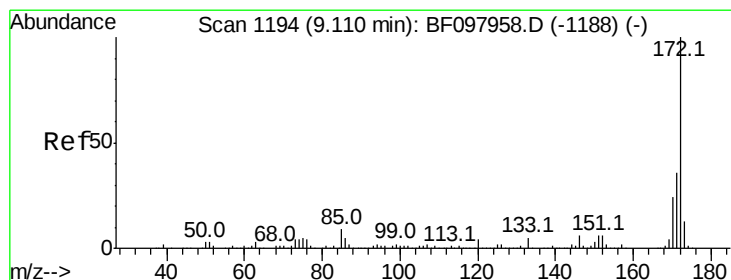
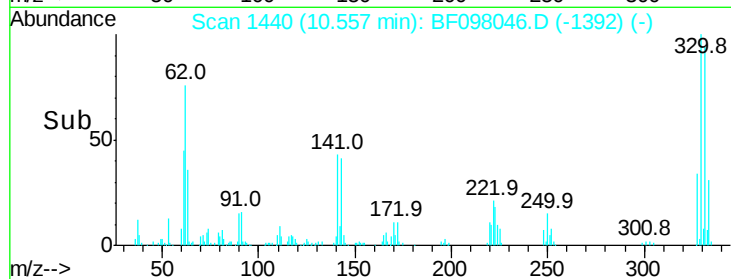
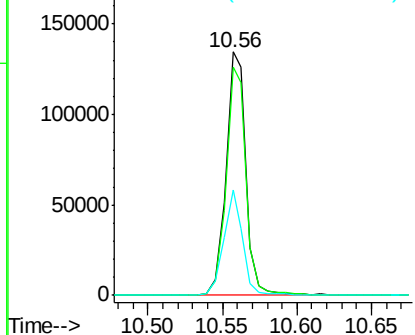
#41
 2,4,6-Tribromophenol
 Concen: 43.907 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	41.1	31.4	47.2

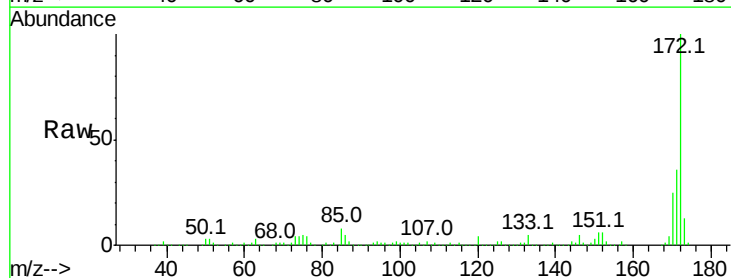


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

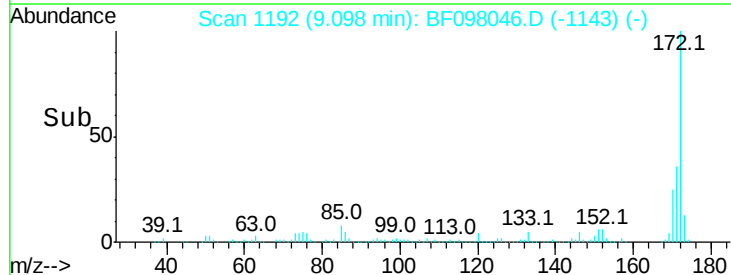
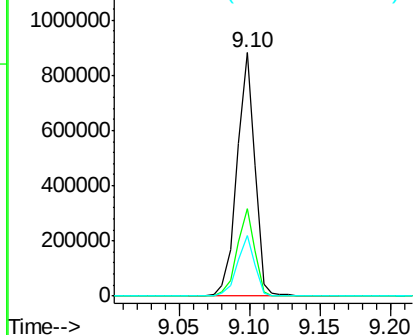


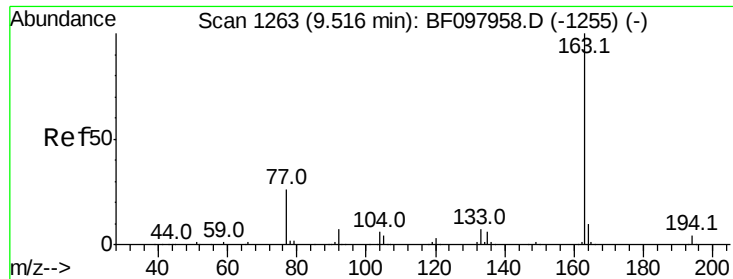
#44
 2-Fluorobiphenyl
 Concen: 34.055 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.7	19.8	29.8



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: 2.585 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-A

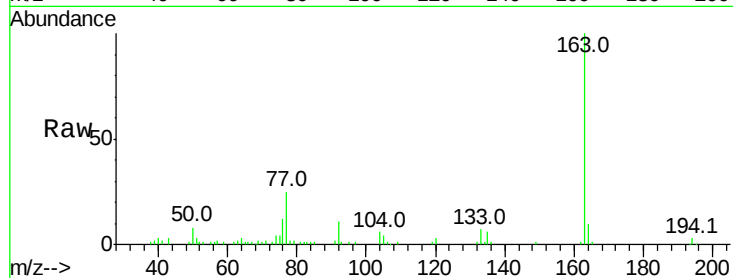
Tot Ion:163 Resp: 63243

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

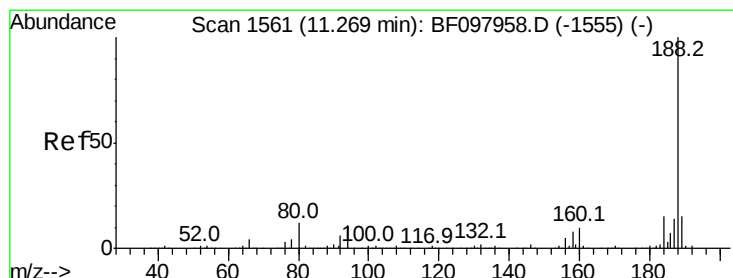
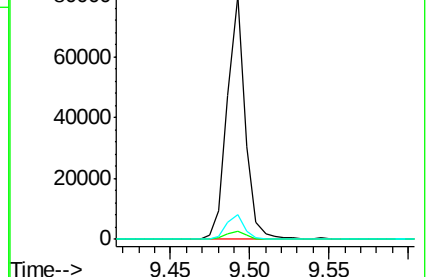
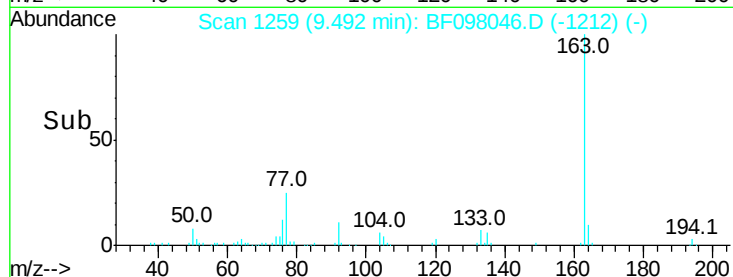
164 9.9 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

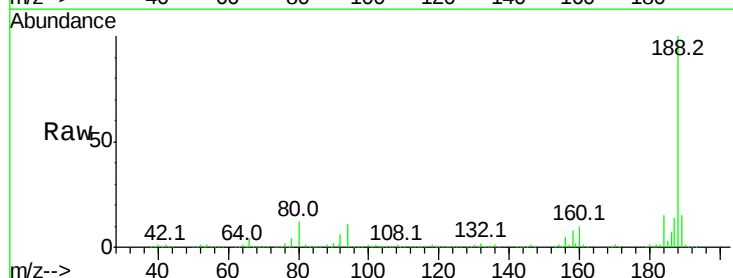
Tgt Ion:188 Resp: 529096

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

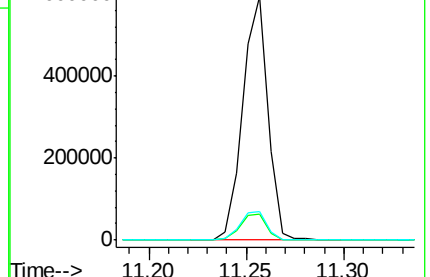
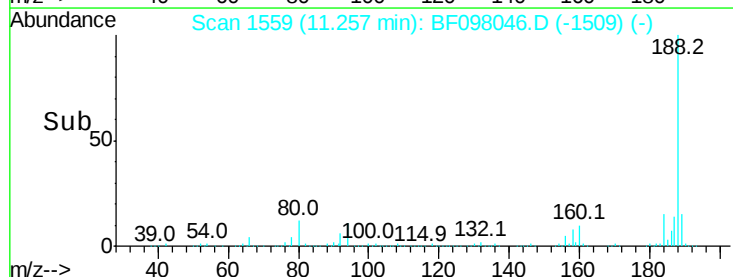
80 11.8 10.2 15.2

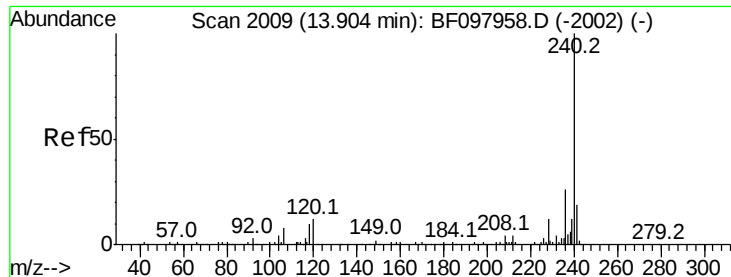


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

Instrument :

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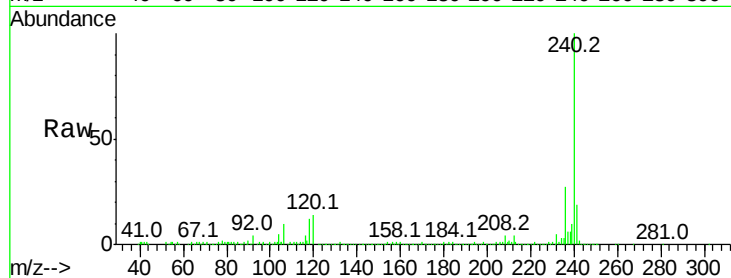
Tot Ion:240 Resp: 466037

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

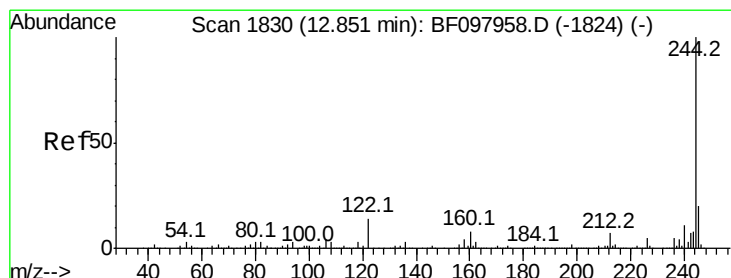
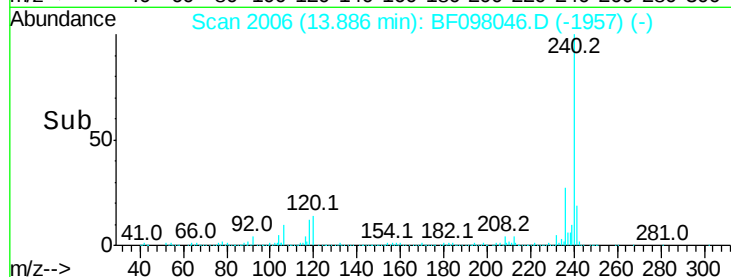
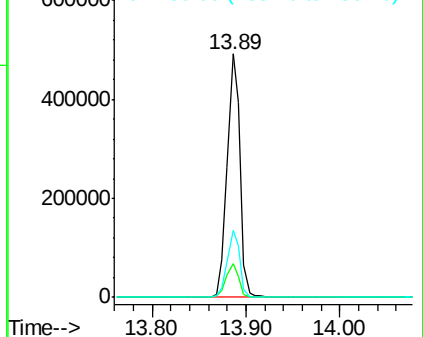
236 27.4 20.5 30.7



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: 22.230 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098046.D

Acq: 25 Aug 2017 22:39

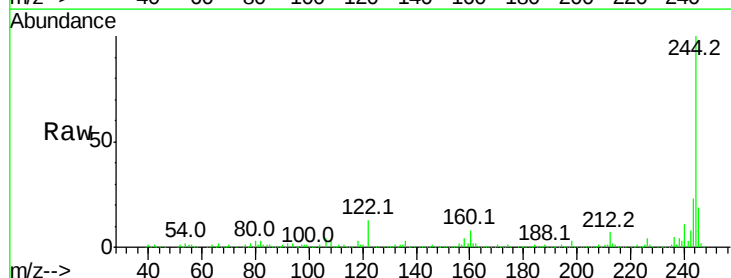
Tgt Ion:244 Resp: 496800

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

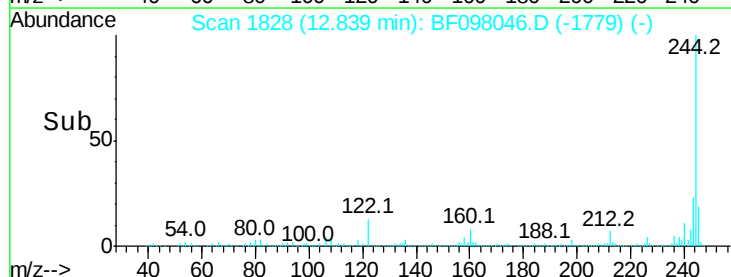
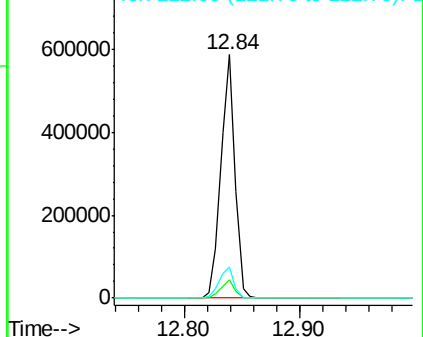
122 12.8 10.3 15.5

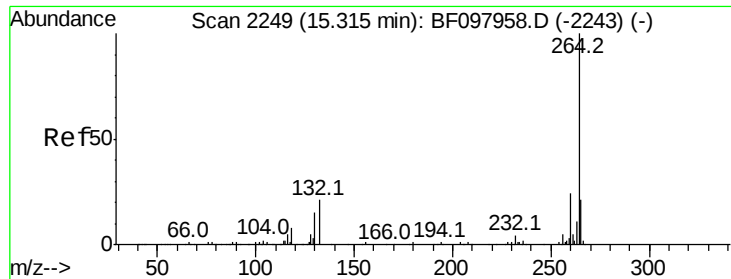


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BF098046.D
 Acq: 25 Aug 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:264 Resp: 384103
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.7 17.2 25.8

