

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096566.D
 Acq On : 7 Jul 2017 18:32
 Operator : SJ/MA
 Sample : I4064-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF009-01

Quant Time: Jul 07 23:36:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

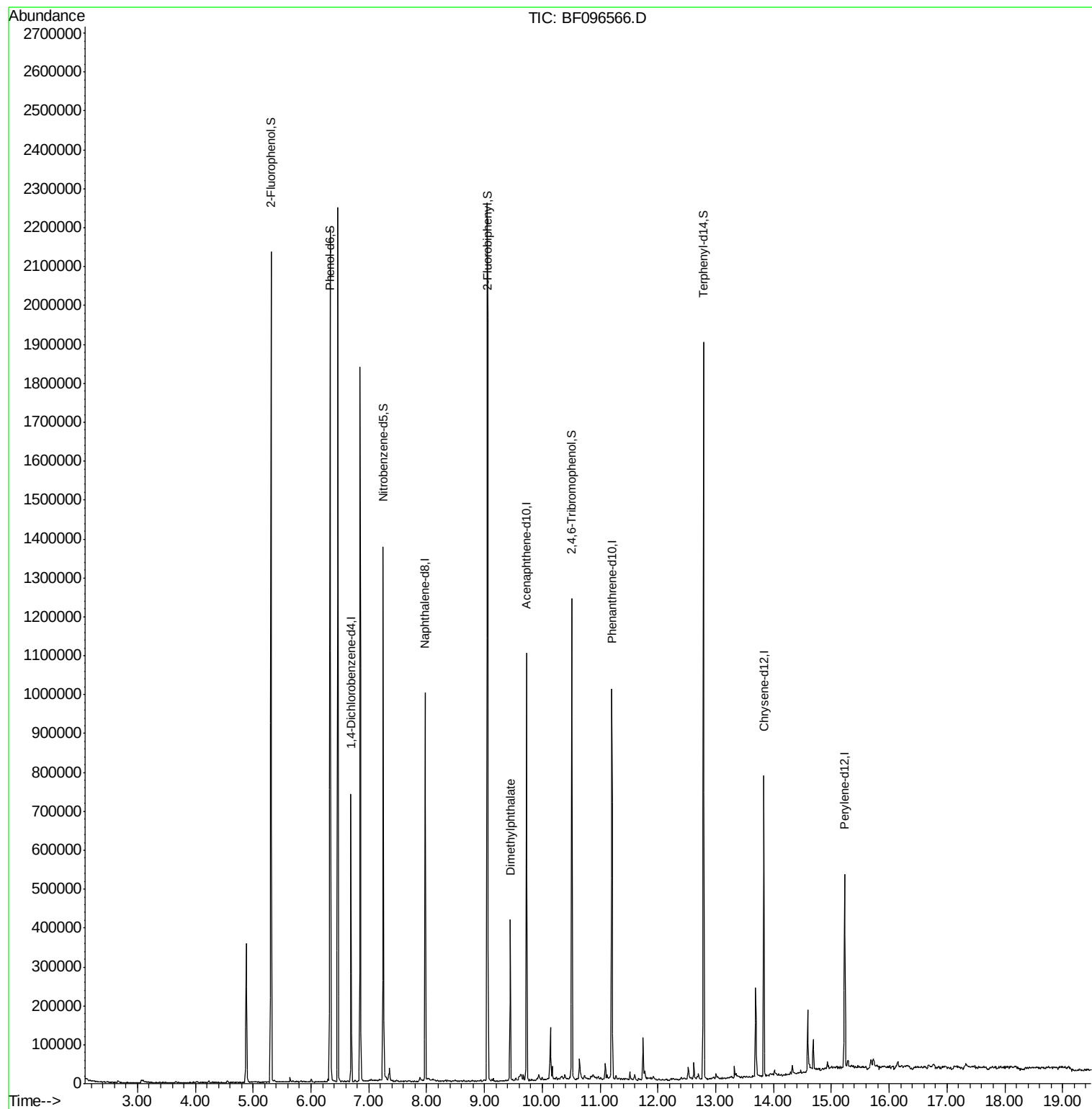
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107631	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	440275	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	200242	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	345715	20.00	ng	0.00
75) Chrysene-d12	13.83	240	240711	20.00	ng	-0.01
86) Perylene-d12	15.23	264	201174	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	591444	81.11	ng	0.00
7) Phenol-d6	6.33	99	722422	80.58	ng	-0.01
23) Nitrobenzene-d5	7.25	82	428222	58.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	136413	87.21	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	739983	63.18	ng	-0.01
78) Terphenyl-d14	12.79	244	574200	50.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	149856	10.025	ng	99

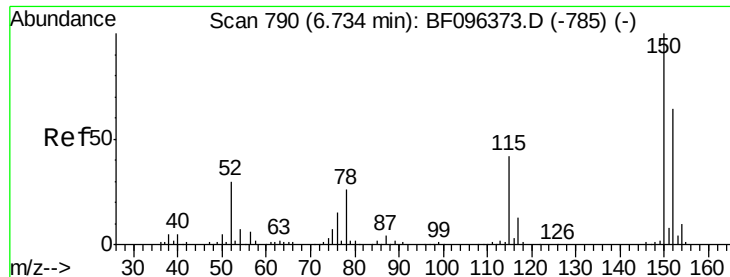
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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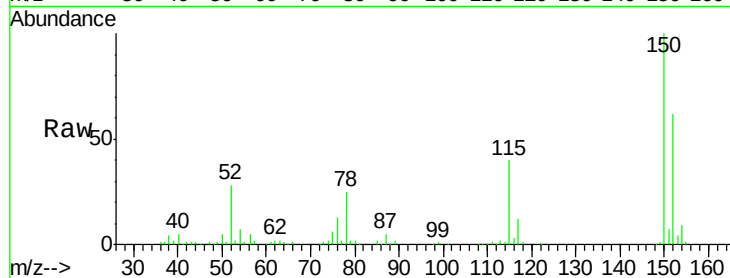


#1

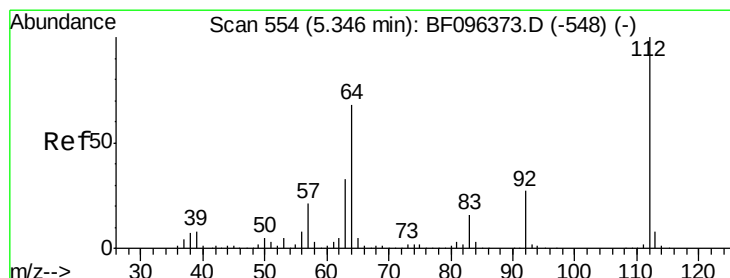
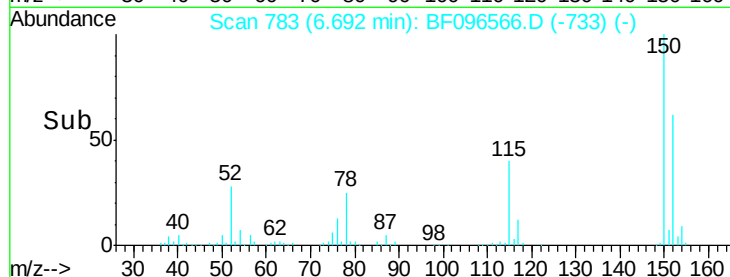
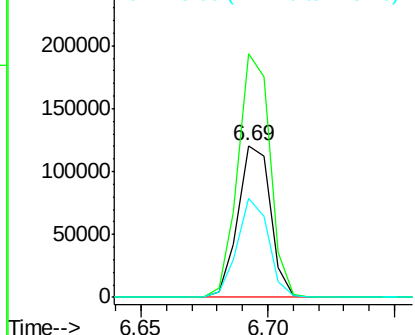
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion:152 Resp: 107631
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.7 52.2 78.2



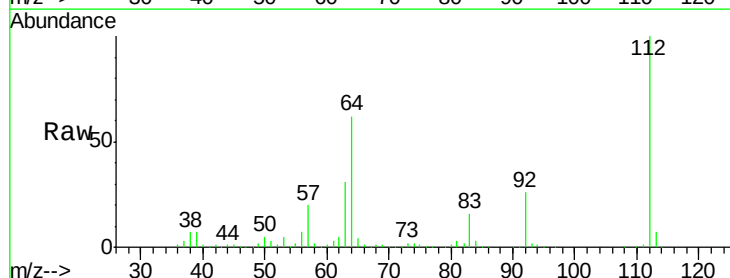
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



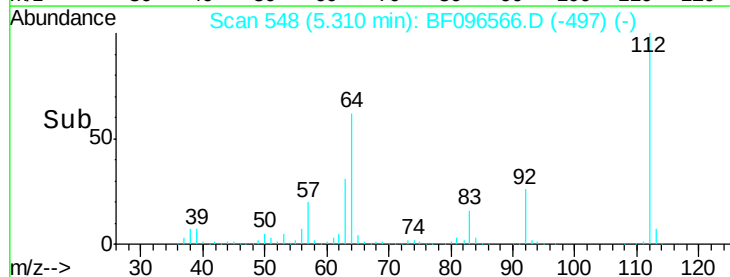
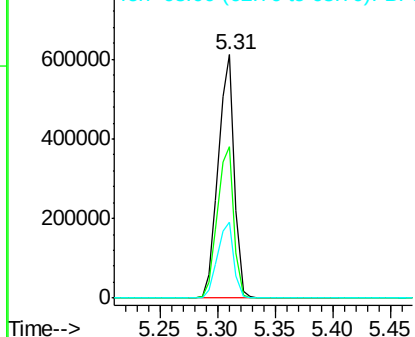
#5

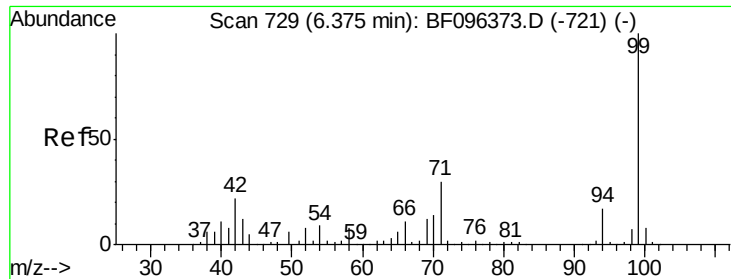
2-Fluorophenol
Concen: 81.106 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Tgt Ion:112 Resp: 591444
Ion Ratio Lower Upper
112 100
64 62.0 46.0 69.0
63 31.1 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: 80.584 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

Instrument :

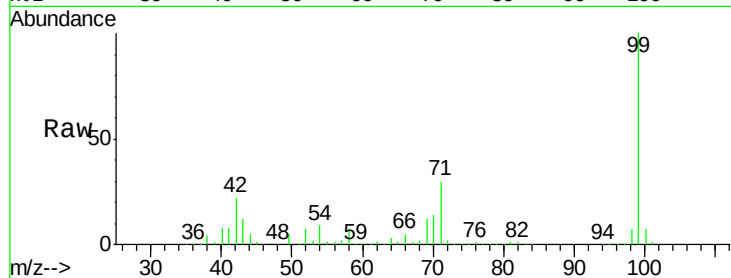
BNA_F

ClientSampleId :

PET-BF009-01

Tgt Ion: 99 Resp: 722422

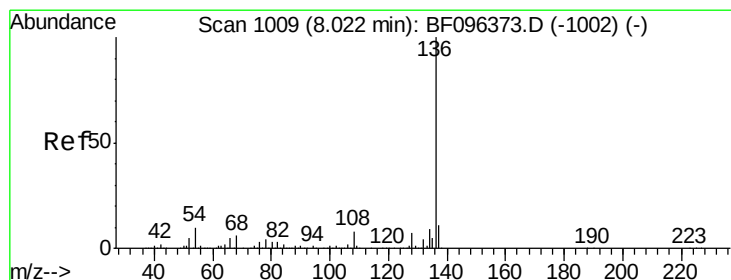
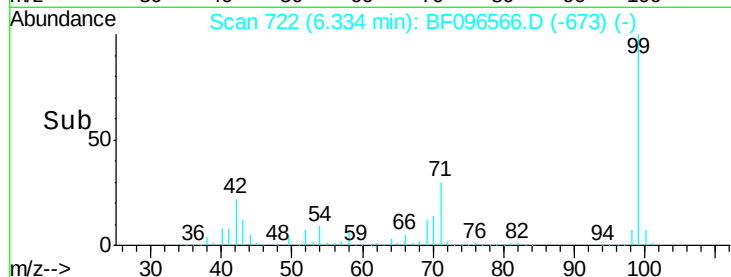
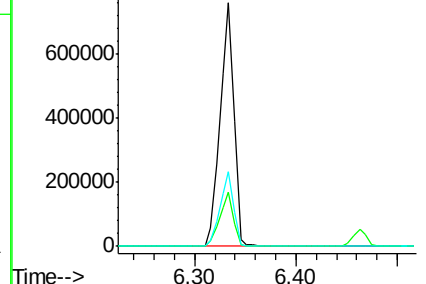
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	30.5	24.5	36.7



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: 7.97 min Scan# 1001

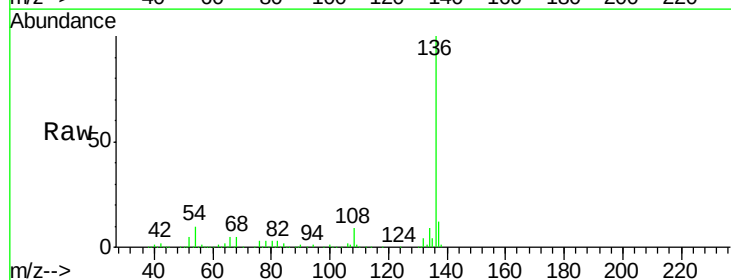
Delta R.T. -0.01 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

Tgt Ion: 136 Resp: 440275

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.4	4.9	7.3#
68	5.3	4.1	6.1

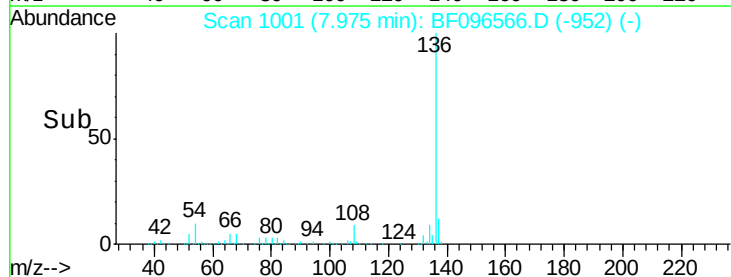
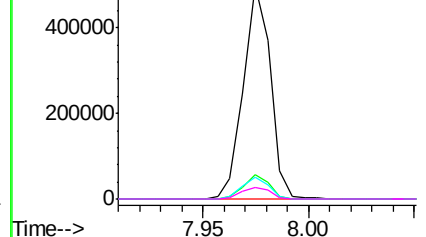


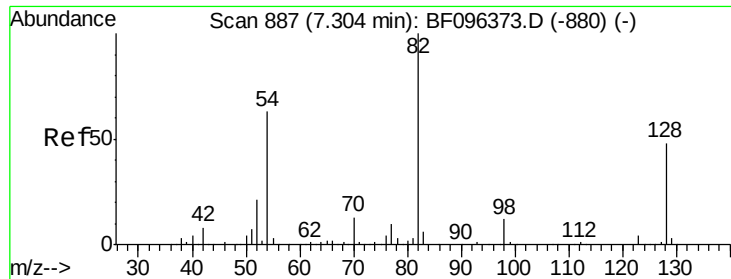
Abundance Ion 136.00 (135.70 to 136.70): E

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

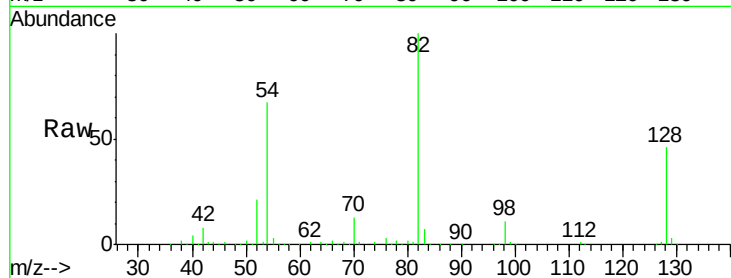




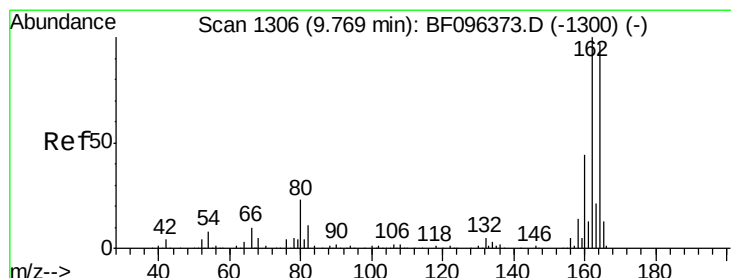
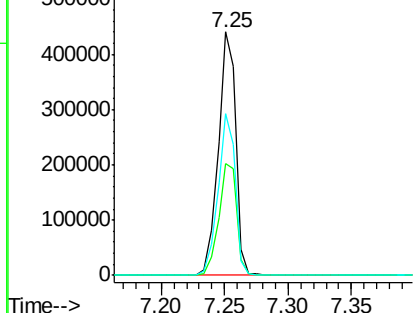
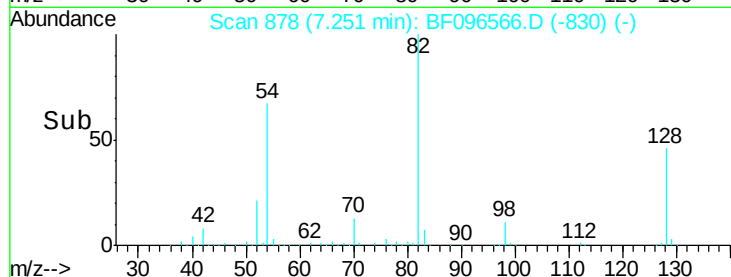
#23
 Nitrobenzene-d5
 Concen: 58.446 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096566.D
 Acq: 7 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF009-01

Tgt Ion: 82 Resp: 428222
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 66.5 42.2 63.2#

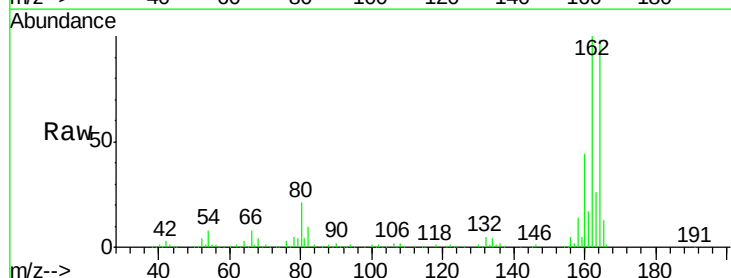


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

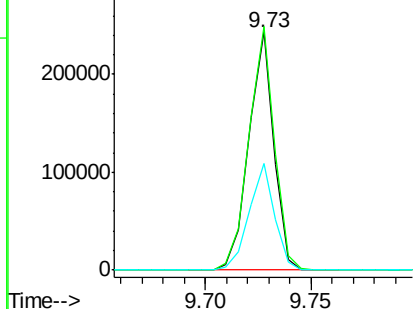
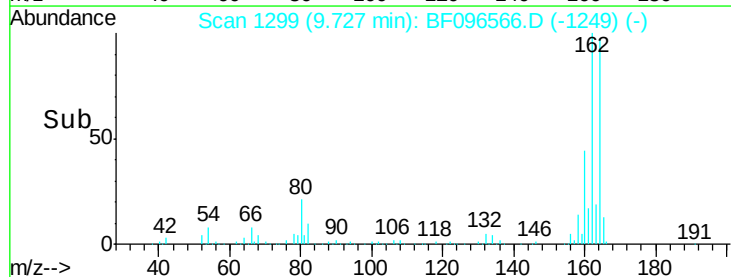


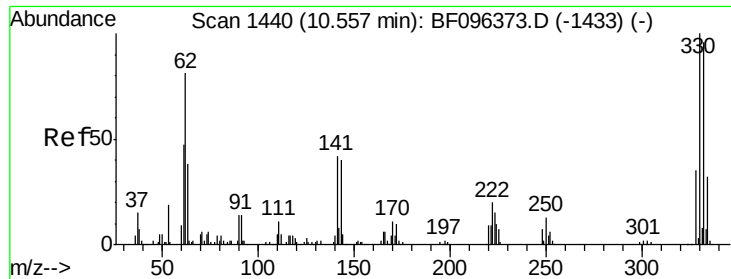
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096566.D
 Acq: 7 Jul 2017 18:32

Tgt Ion: 164 Resp: 200242
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 123.8
 160 44.7 36.2 54.2



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

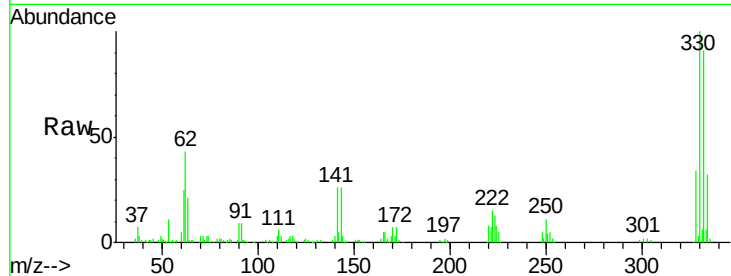




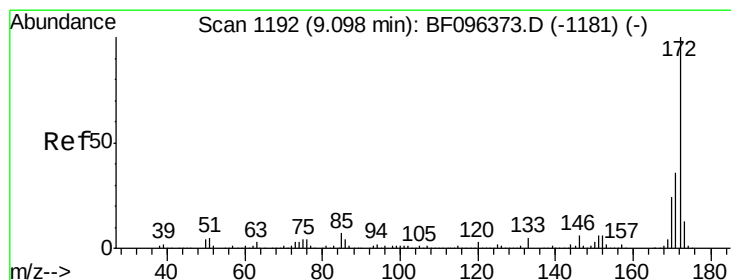
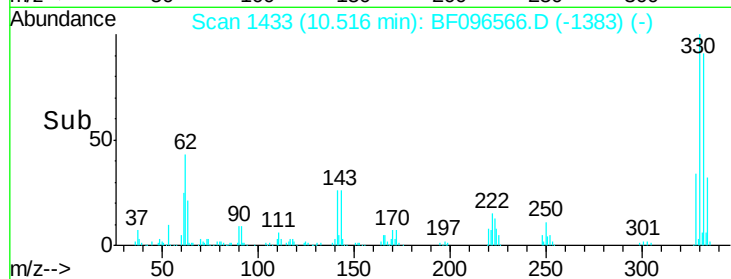
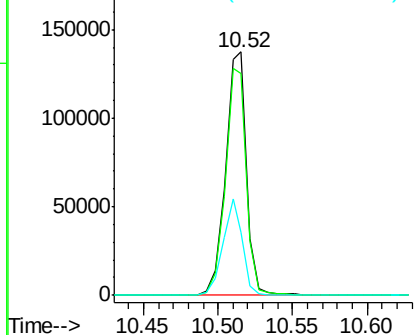
#41
 2,4,6-Tribromophenol
 Concen: 87.213 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096566.D
 Acq: 7 Jul 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF009-01

Tgt Ion:330 Resp: 136413
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.6 115.0
 141 36.6 31.4 47.2

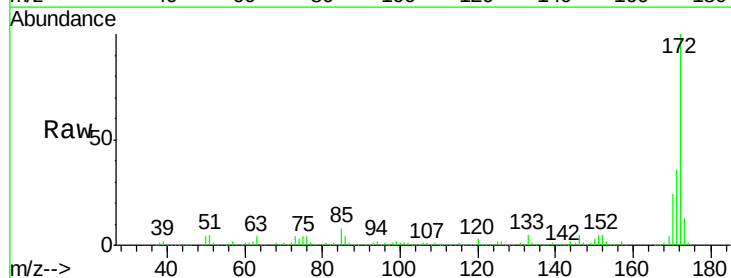


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

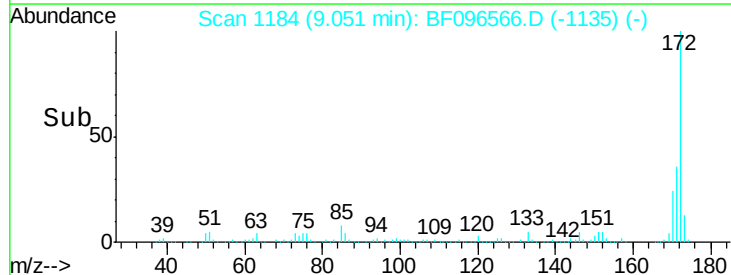
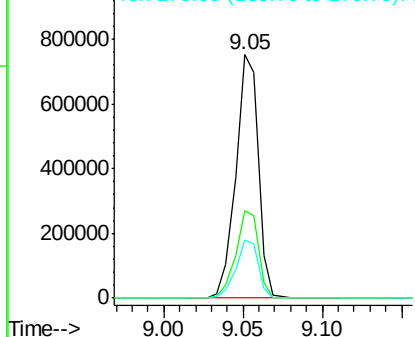


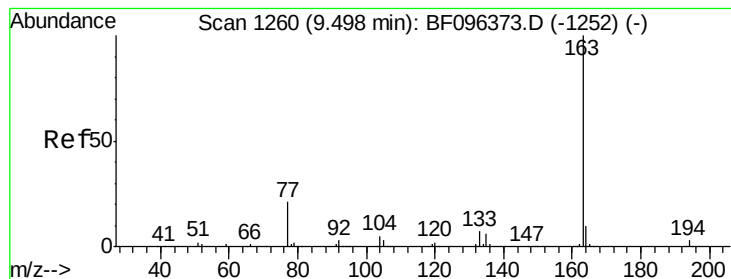
#44
 2-Fluorobiphenyl
 Concen: 63.184 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096566.D
 Acq: 7 Jul 2017 18:32

Tgt Ion:172 Resp: 739983
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.8 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: 10.025 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PET-BF009-01

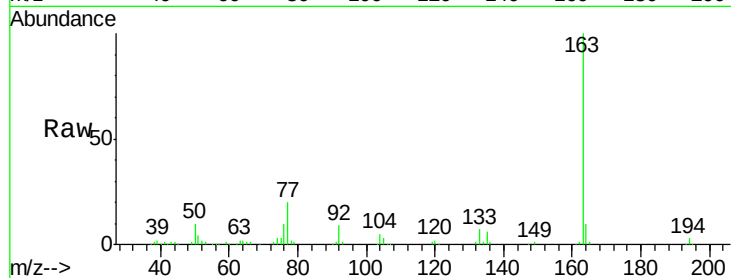
Tgt Ion:163 Resp: 149856

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

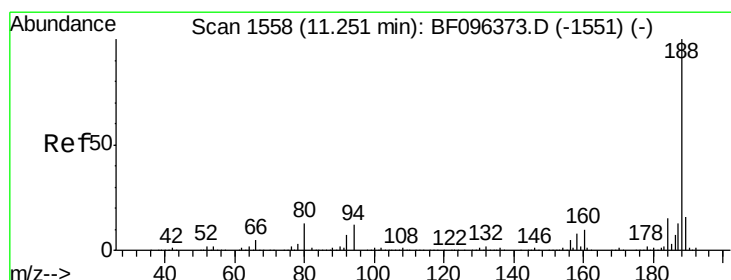
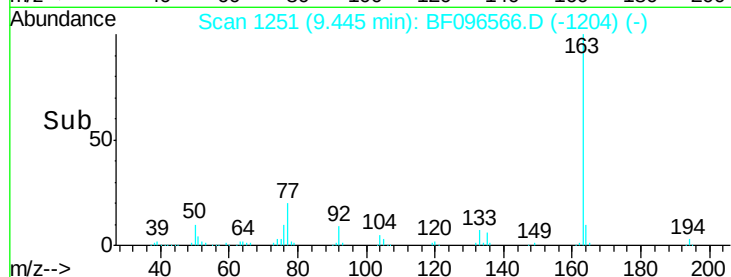
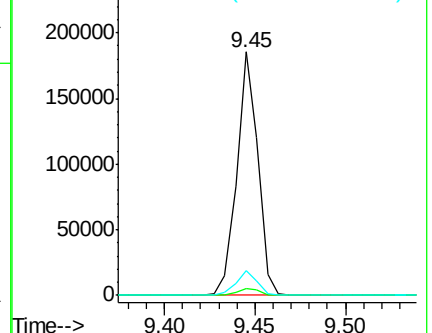
164 10.1 8.4 12.6



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: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

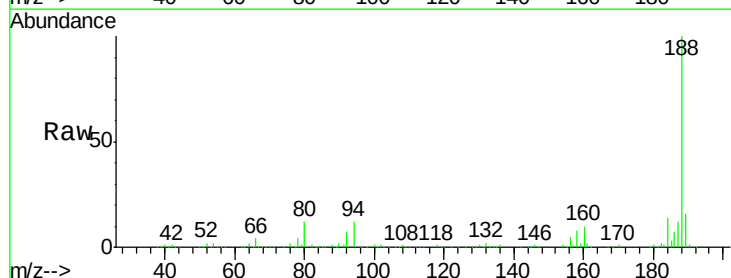
Tgt Ion:188 Resp: 345715

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

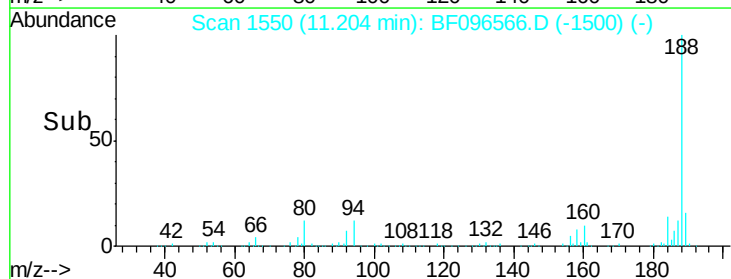
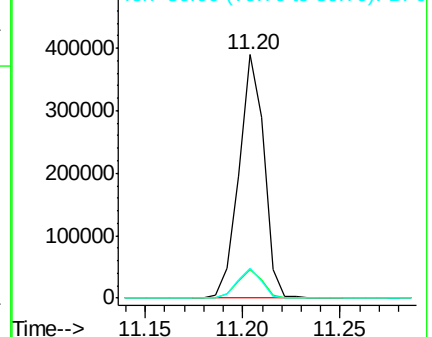
80 12.4 10.2 15.2

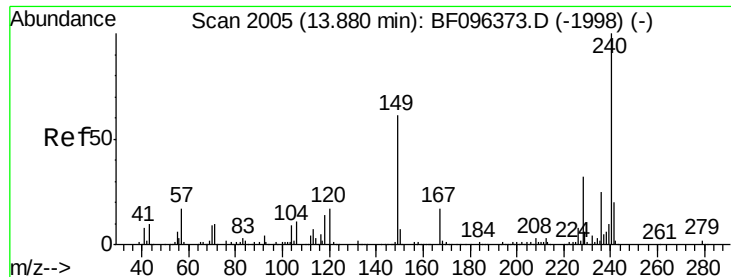


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PET-BF009-01

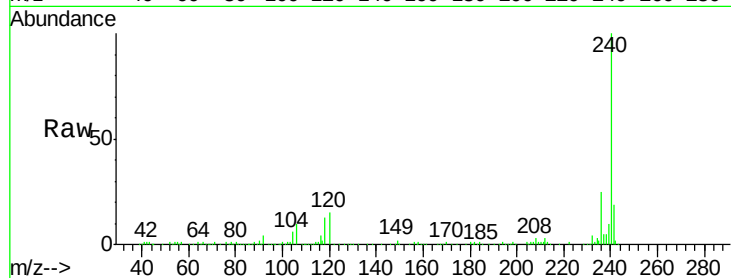
Tgt Ion:240 Resp: 240711

Ion Ratio Lower Upper

240 100

120 14.9 5.8 8.8#

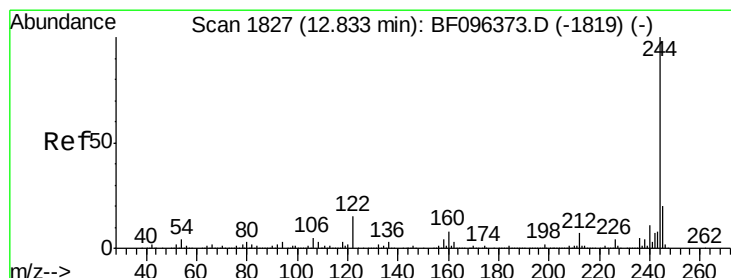
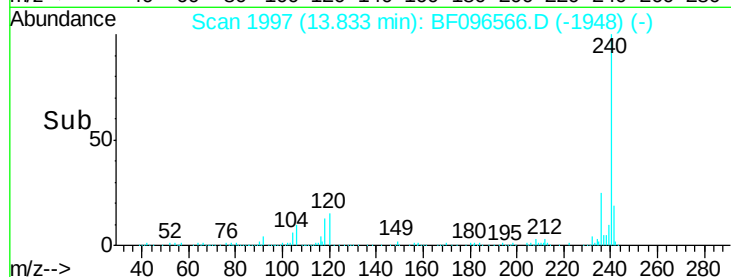
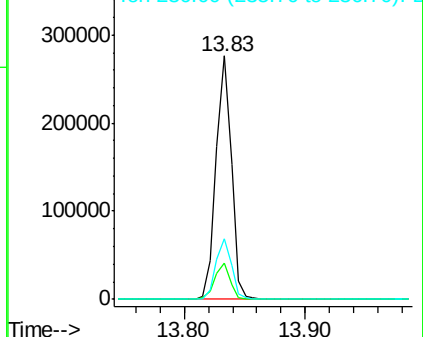
236 24.8 20.5 30.7



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: 50.973 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096566.D

Acq: 7 Jul 2017 18:32

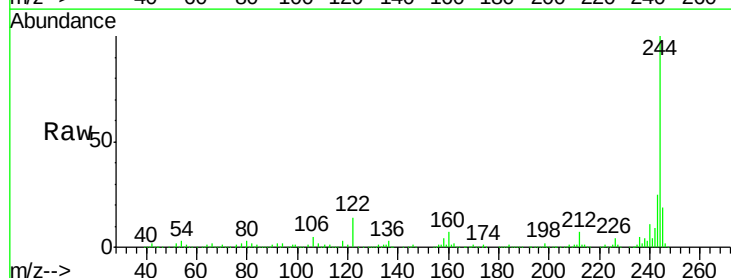
Tgt Ion:244 Resp: 574200

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

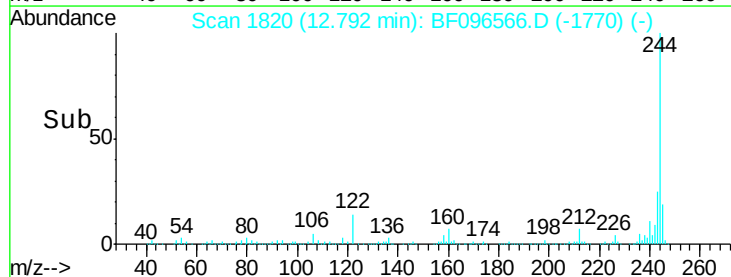
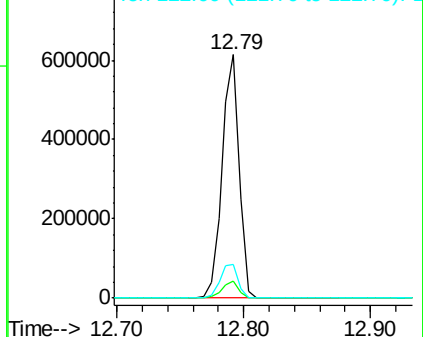
122 14.0 10.3 15.5

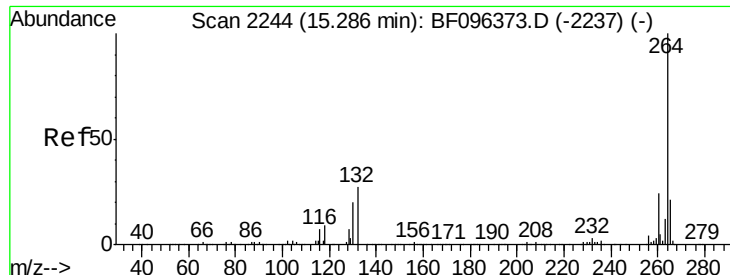


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

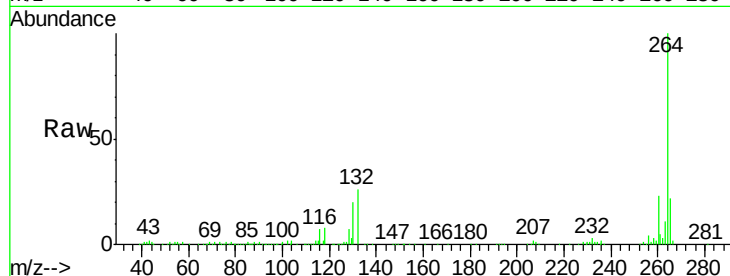




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF096566.D
Acq: 7 Jul 2017 18:32

Instrument :
BNA_F
ClientSampleId :
PET-BF009-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.0	17.2	25.8



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

