

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096618.D
 Acq On : 10 Jul 2017 23:11
 Operator : SJ/JU
 Sample : I4095-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-011

Quant Time: Jul 11 04:31:02 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

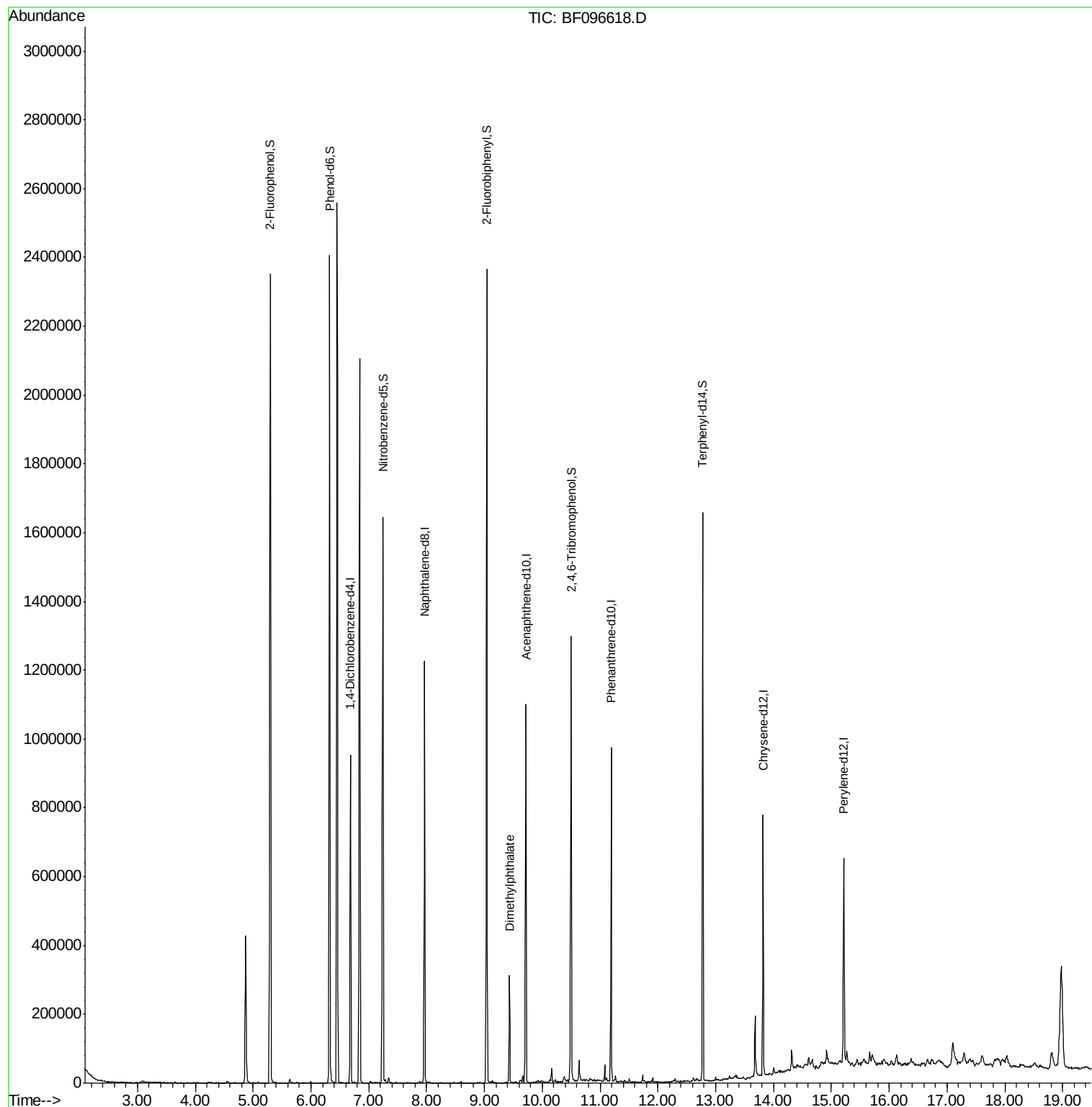
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	134823	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	552060	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	222707	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	325269	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	256817	20.00	ng	-0.02
86) Perylene-d12	15.22	264	261328	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	692675	75.83	ng	-0.01
7) Phenol-d6	6.32	99	864438	76.98	ng	-0.02
23) Nitrobenzene-d5	7.25	82	510279	55.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	142447	81.88	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	840803	64.55	ng	-0.02
78) Terphenyl-d14	12.77	244	495278	41.21	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.43	163	114482	6.89	ng	Qvalue 100

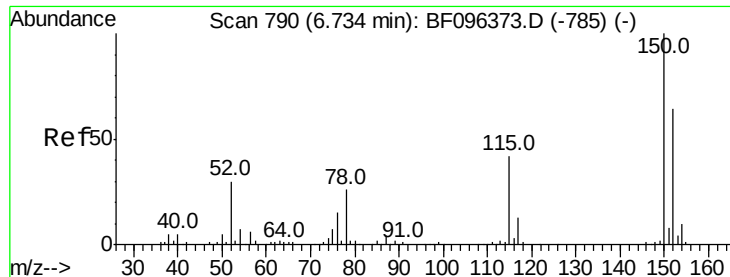
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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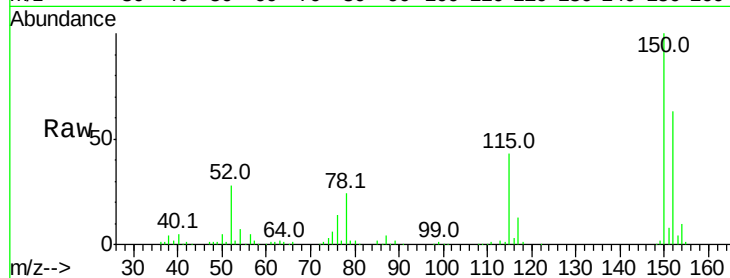


#1

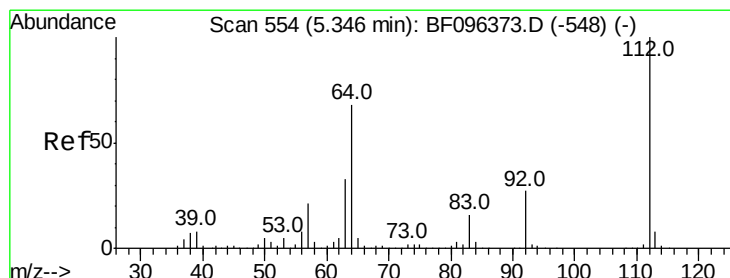
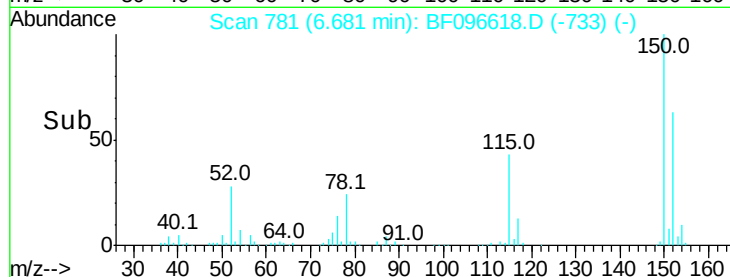
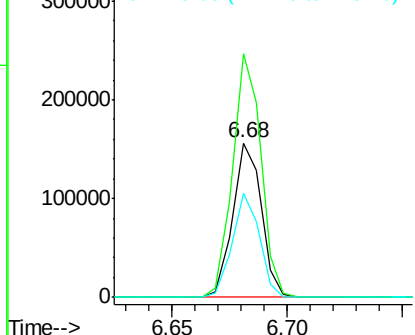
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-011

Tot Ion:152 Resp: 134823
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 67.4 52.2 78.2



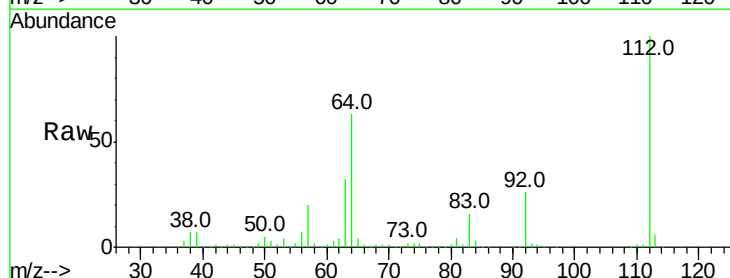
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



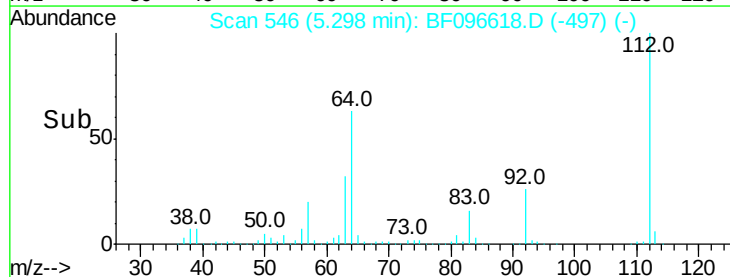
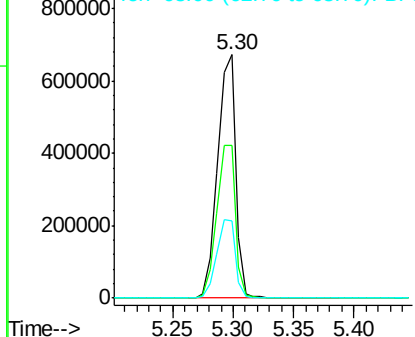
#5

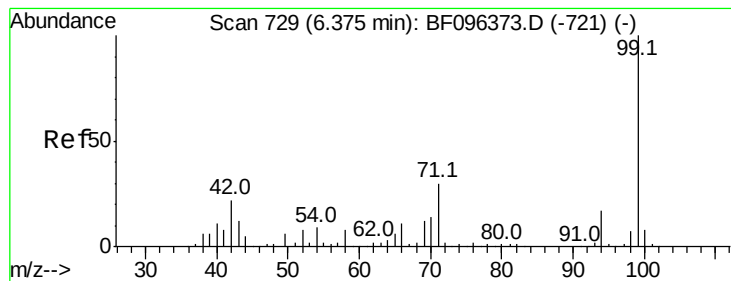
2-Fluorophenol
Concen: 75.83 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:112 Resp: 692675
Ion Ratio Lower Upper
112 100
64 62.7 46.0 69.0
63 31.7 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: 76.98 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Instrument :

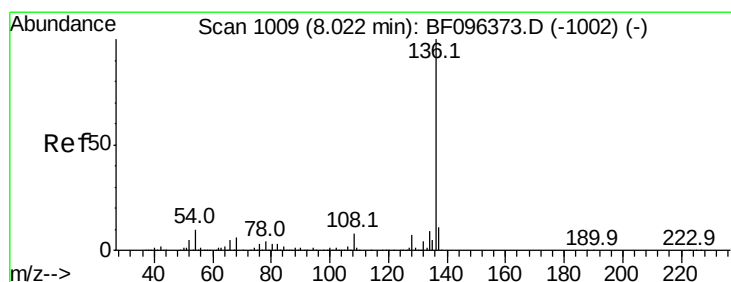
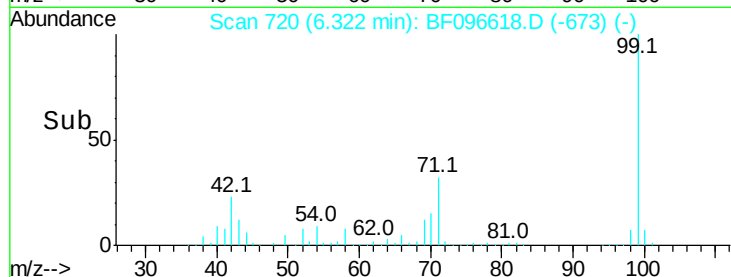
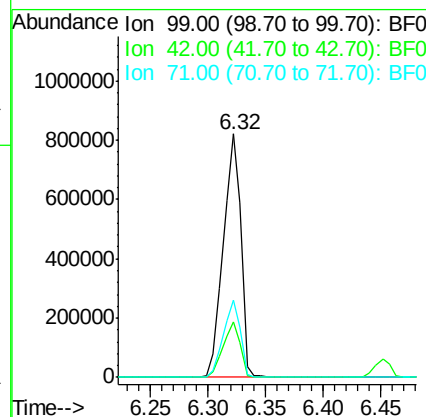
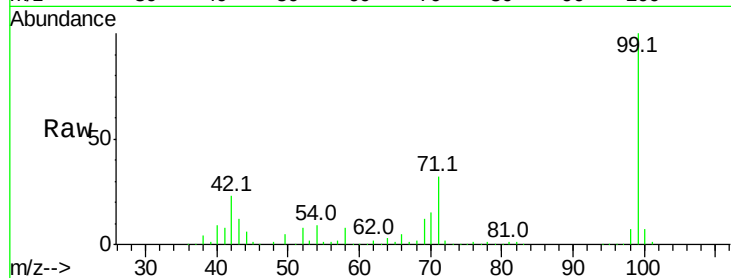
BNA_F

ClientSampleId :

FK-PS-01-011

Tot Ion: 99 Resp: 864438

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

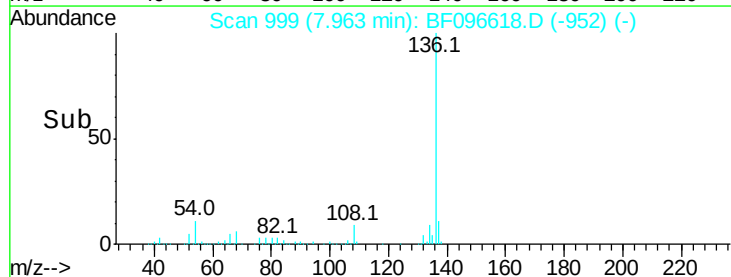
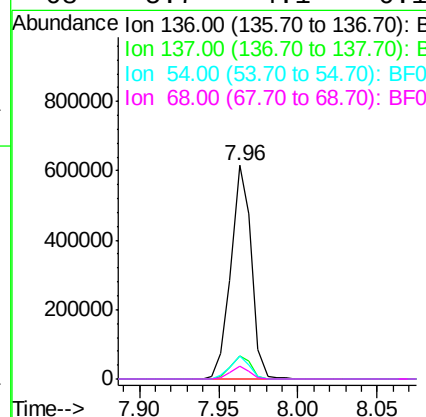
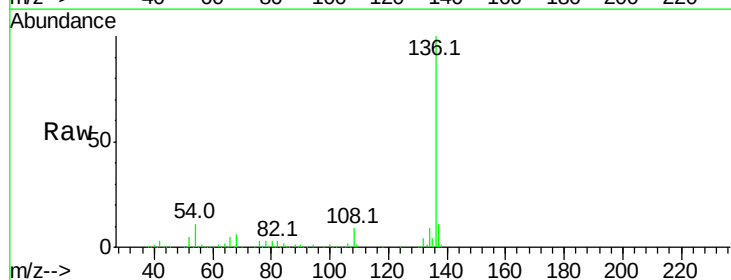
Delta R.T. -0.02 min

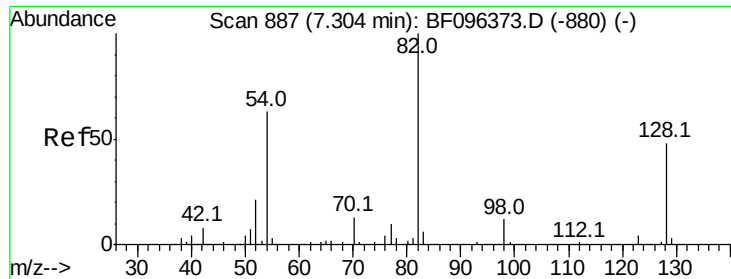
Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Tgt Ion: 136 Resp: 552060

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.5	4.9	7.3#
68	5.7	4.1	6.1

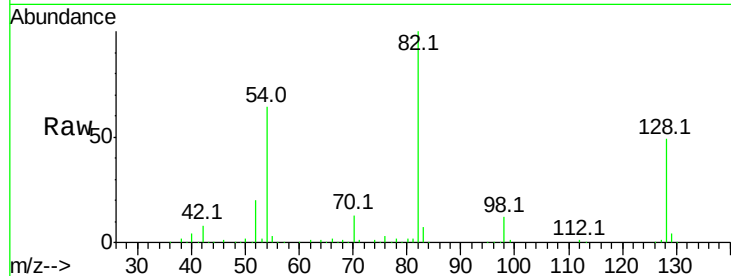




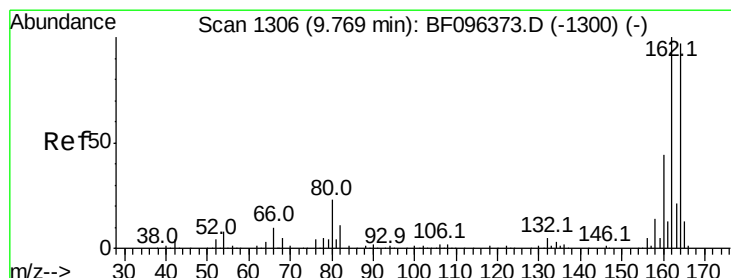
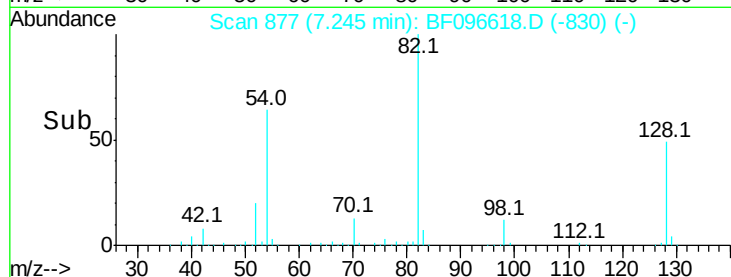
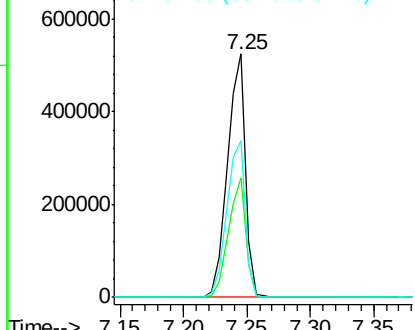
#23
Nitrobenzene-d5
Concen: 55.54 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-011

Tot Ion: 82 Resp: 510279
Ion Ratio Lower Upper
82 100
128 49.3 34.0 51.0
54 64.4 42.2 63.2#

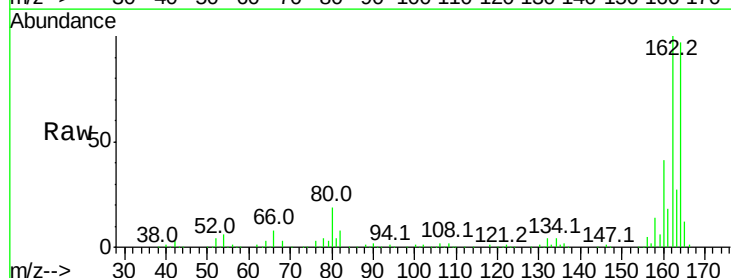


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

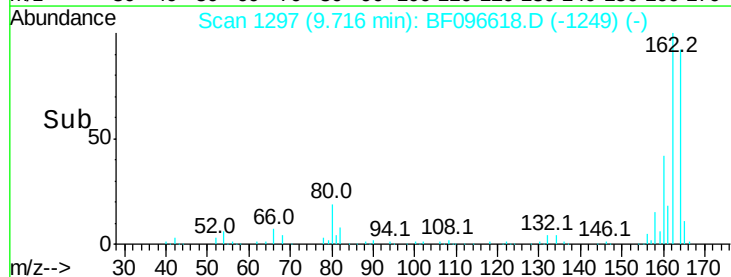
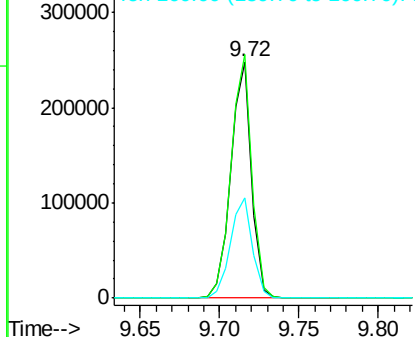


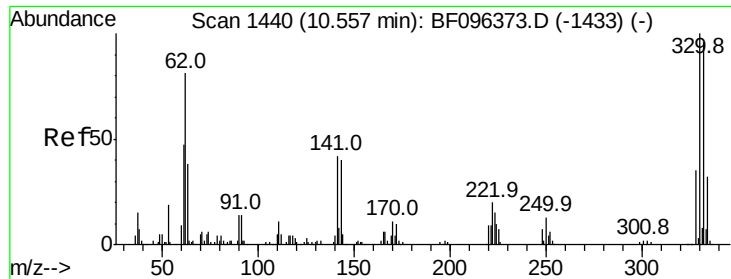
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Tgt Ion:164 Resp: 222707
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 42.6 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

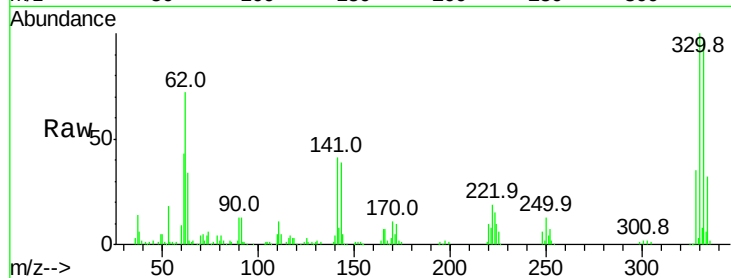




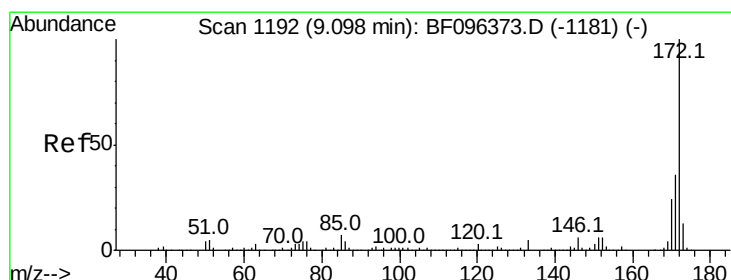
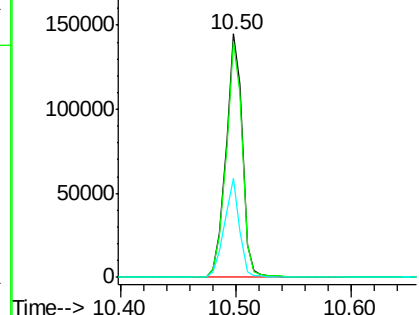
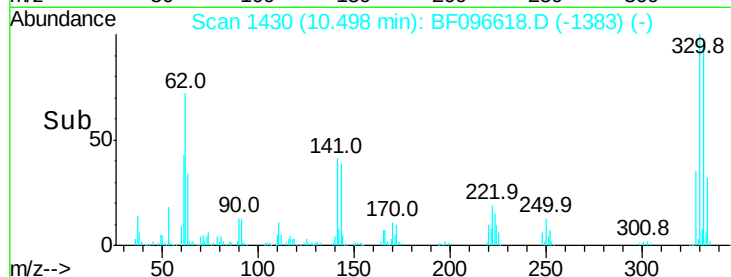
#41
 2,4,6-Tribromophenol
 Concen: 81.88 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096618.D
 Acq: 10 Jul 2017 23:11

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-011

Tot Ion:330 Resp: 142447
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 38.0 31.4 47.2

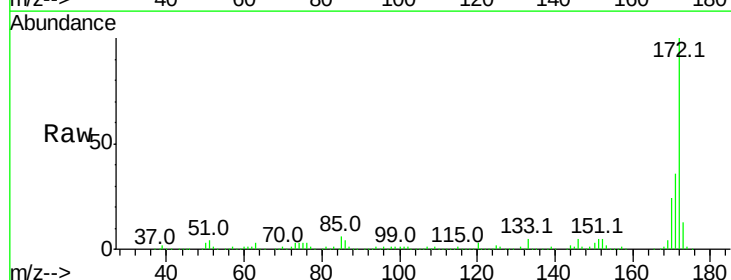


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

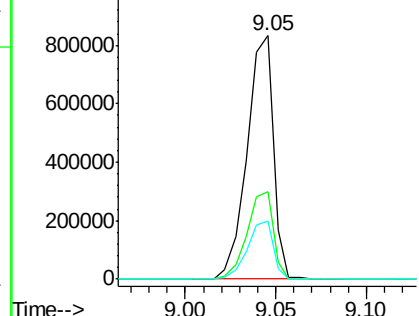
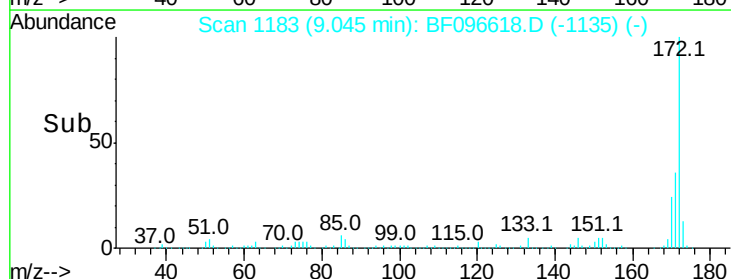


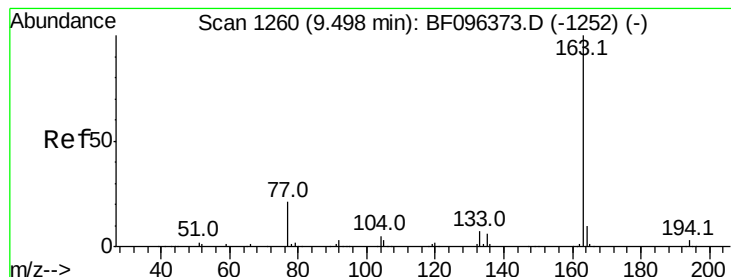
#44
 2-Fluorobiphenyl
 Concen: 64.55 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096618.D
 Acq: 10 Jul 2017 23:11

Tgt Ion:172 Resp: 840803
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.7 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: 6.89 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-011

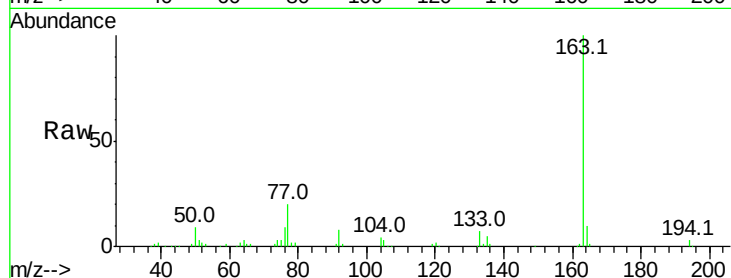
Tot Ion:163 Resp: 114482

Ion Ratio Lower Upper

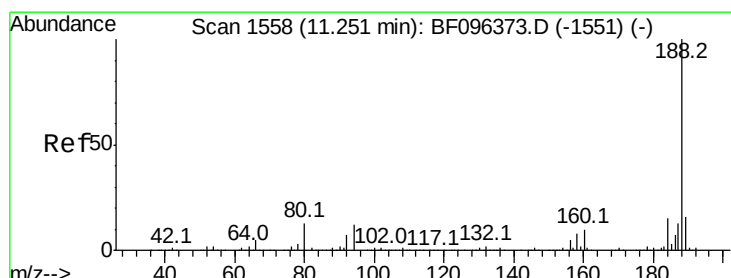
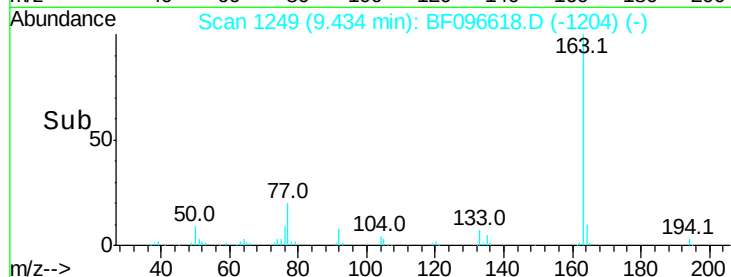
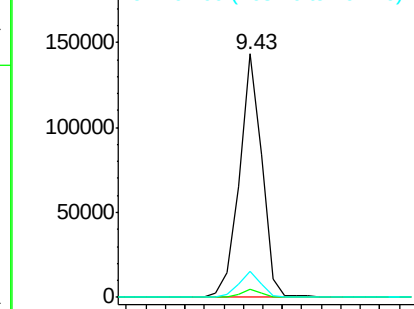
163 100

194 3.1 2.6 4.0

164 10.4 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: 20.00 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

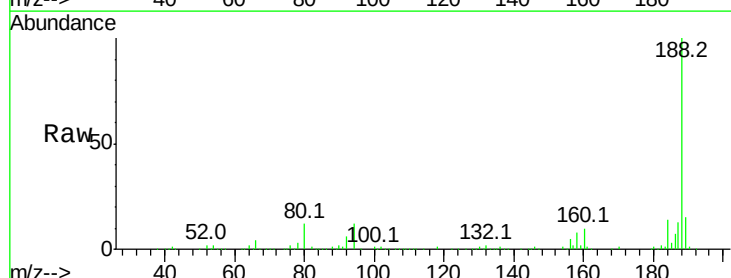
Tgt Ion:188 Resp: 325269

Ion Ratio Lower Upper

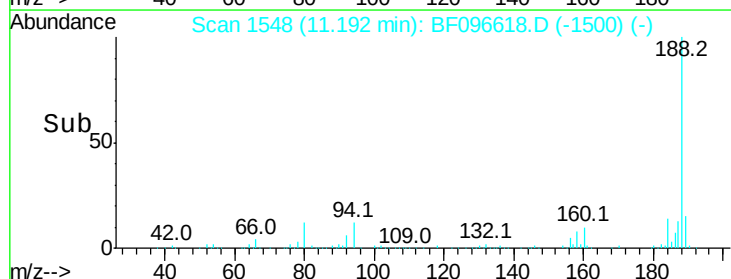
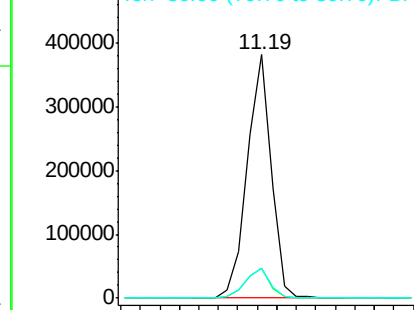
188 100

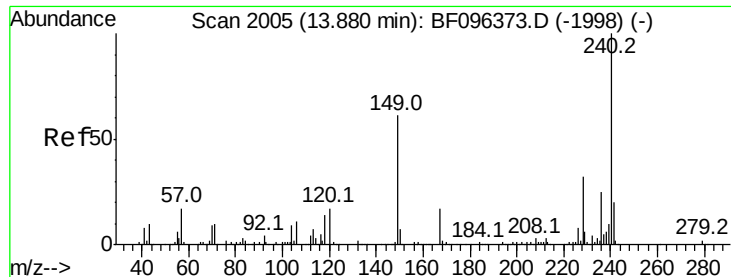
94 12.1 9.4 14.2

80 12.0 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: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-011

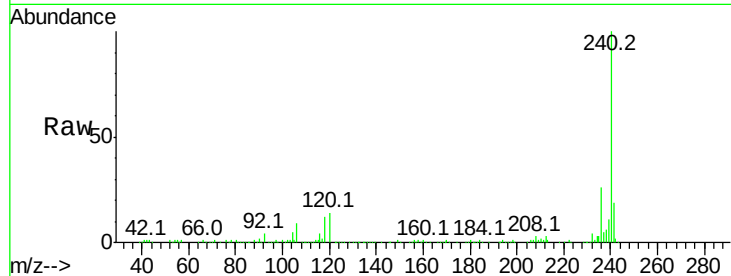
Tot Ion:240 Resp: 256817

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

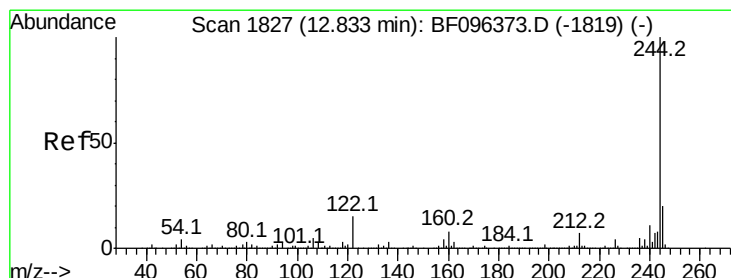
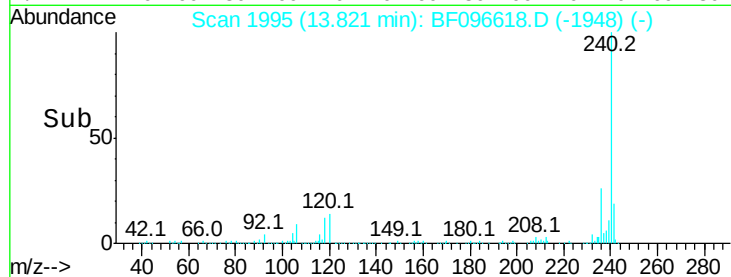
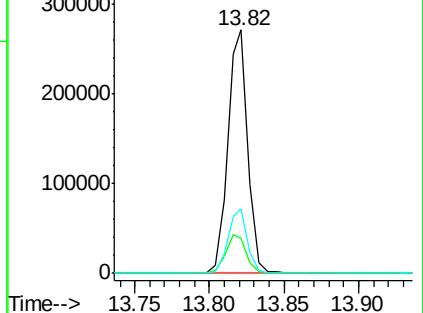
236 26.4 20.5 30.7



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: 41.21 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096618.D

Acq: 10 Jul 2017 23:11

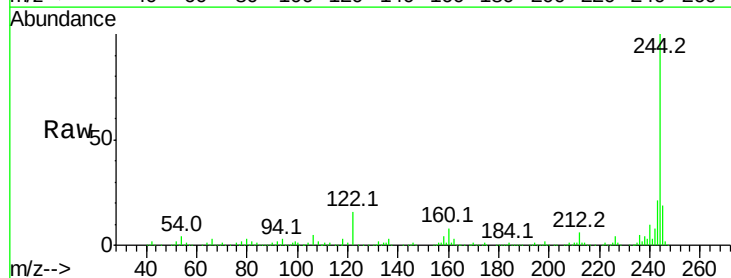
Tgt Ion:244 Resp: 495278

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

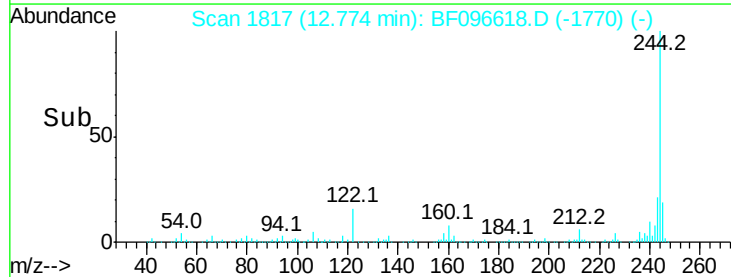
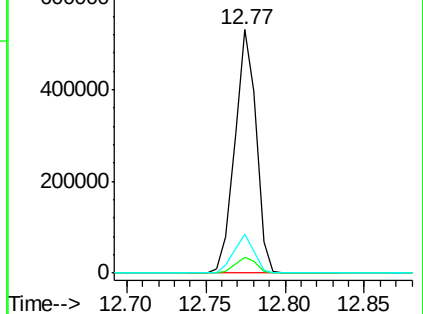
122 15.8 10.3 15.5#

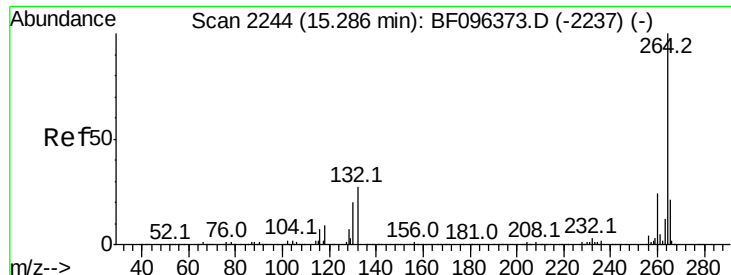


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096618.D
Acq: 10 Jul 2017 23:11

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-011

Tot Ion:264 Resp: 261328

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.6	17.2	25.8

