

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096310.D
 Acq On : 29 Jun 2017 23:48
 Operator : SJ/MA
 Sample : I3882-09 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G47-0-1.5

Quant Time: Jun 30 03:49:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	165700	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	637739	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	224145	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	330518	20.00	ng	0.00
75) Chrysene-d12	13.92	240	343783	20.00	ng	0.00
86) Perylene-d12	15.34	264	247773	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	178384	15.51	ng	0.00
7) Phenol-d6	6.39	99	214288	15.39	ng	0.00
23) Nitrobenzene-d5	7.32	82	106813	11.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	27186	15.41	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	187381	15.31	ng	-0.02
78) Terphenyl-d14	12.87	244	134723	9.78	ng	0.00

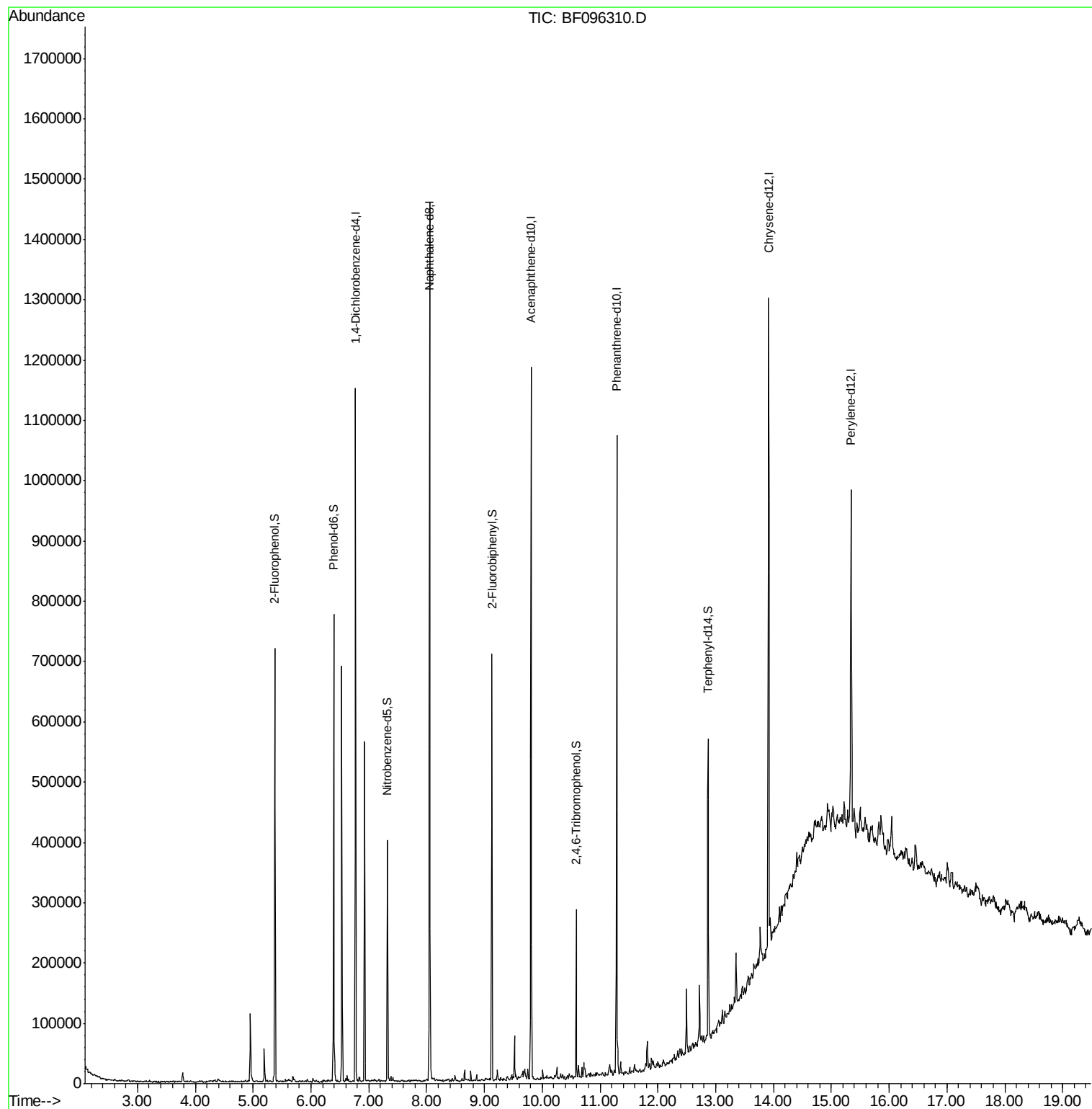
Target Compounds Qvalue

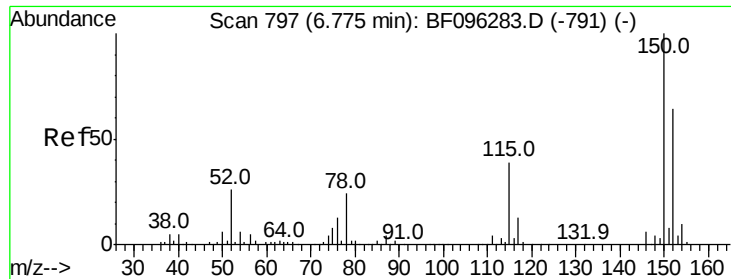
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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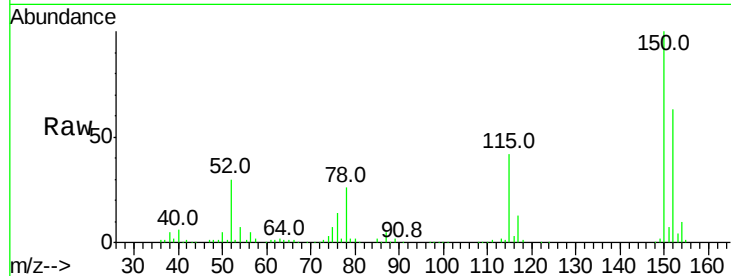


#1

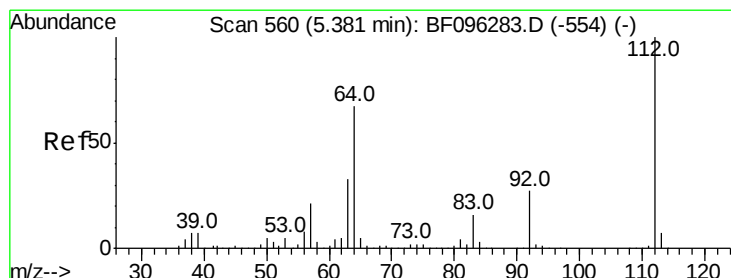
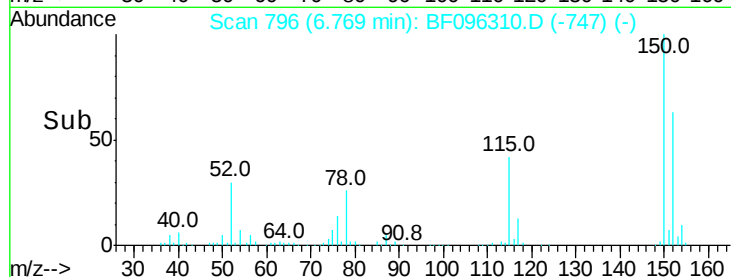
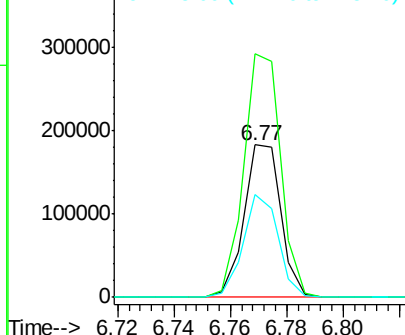
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

Instrument :
BNA_F
ClientSampleId :
G47-0-1.5

Tot Ion:152 Resp: 165700
Ion Ratio Lower Upper
152 100
150 159.9 126.2 189.2
115 67.3 52.2 78.2



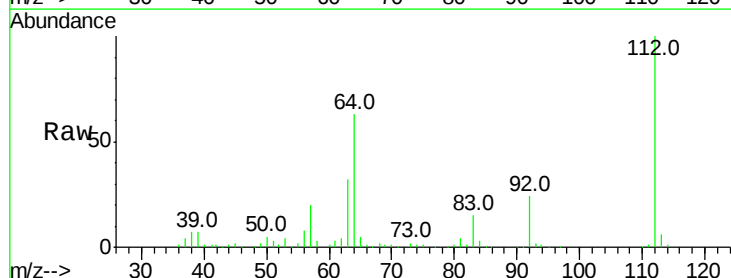
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



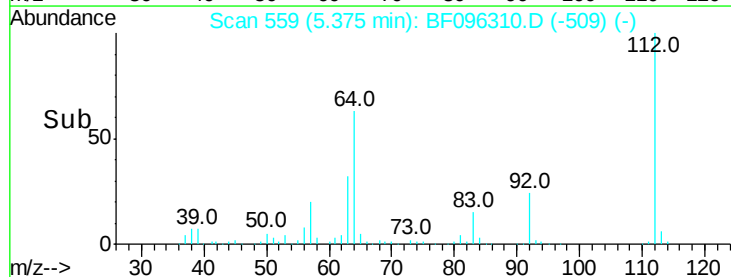
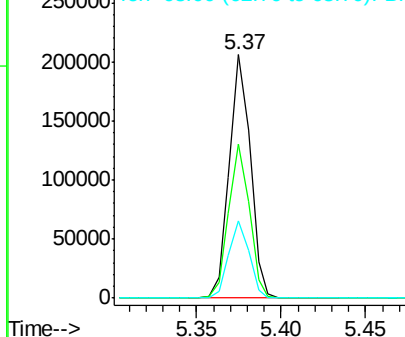
#5

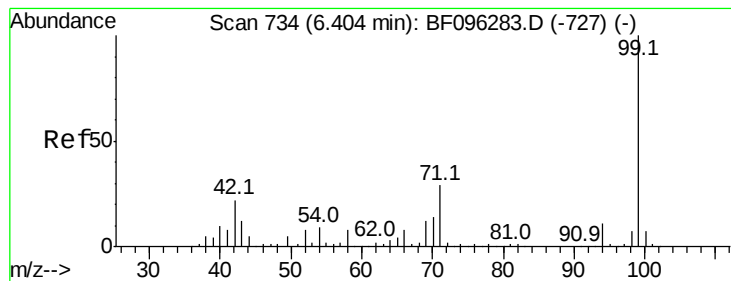
2-Fluorophenol
Concen: 15.51 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

Tgt Ion:112 Resp: 178384
Ion Ratio Lower Upper
112 100
64 63.1 46.0 69.0
63 31.5 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: 15.39 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096310.D

Acq: 29 Jun 2017 23:48

Instrument :

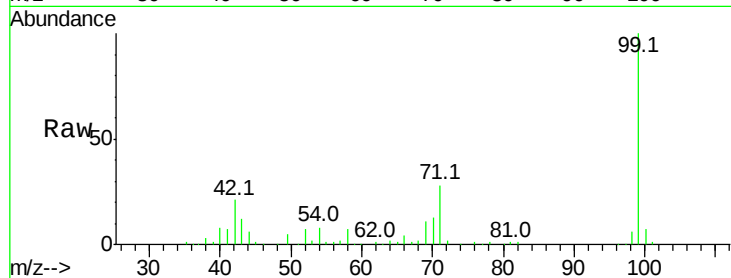
BNA_F

ClientSampleId :

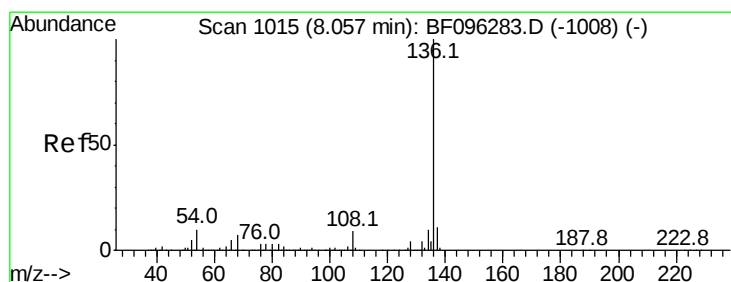
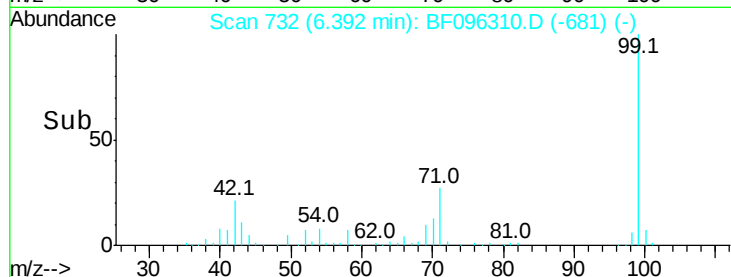
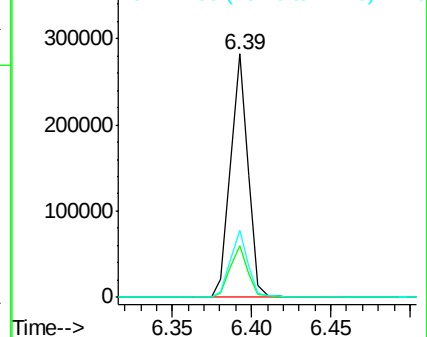
G47-0-1.5

Tot Ion: 99 Resp: 214288

Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.5	20.3#
71	27.5	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: 20.00 ng

RT: 8.05 min Scan# 1014

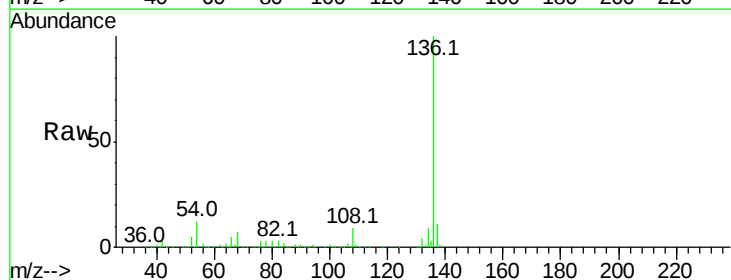
Delta R.T. -0.01 min

Lab File: BF096310.D

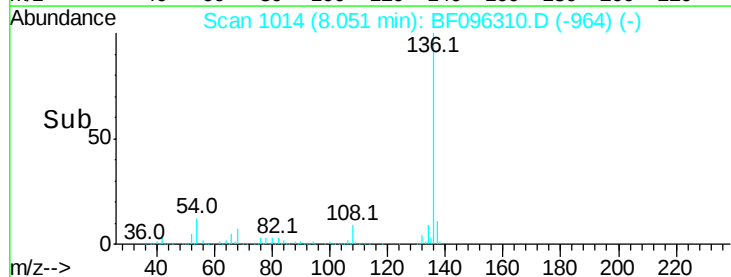
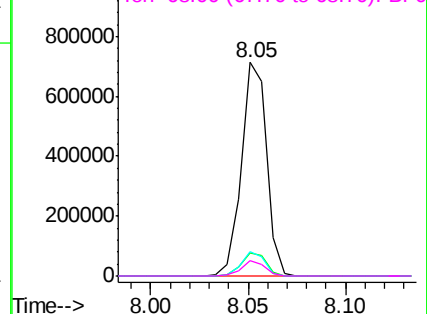
Acq: 29 Jun 2017 23:48

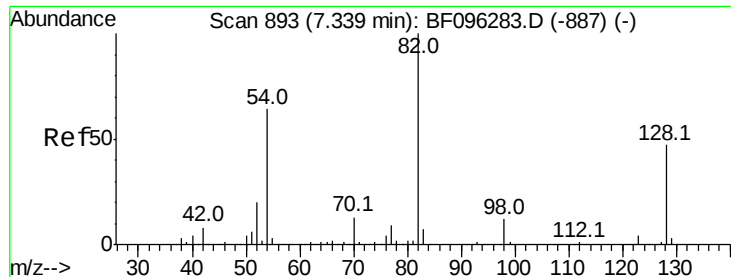
Tgt Ion: 136 Resp: 637739

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.6	4.9	7.3#
68	7.2	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

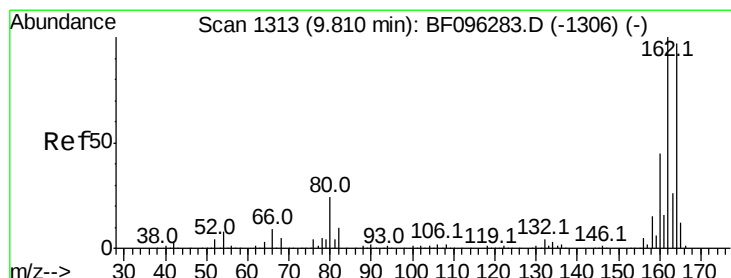
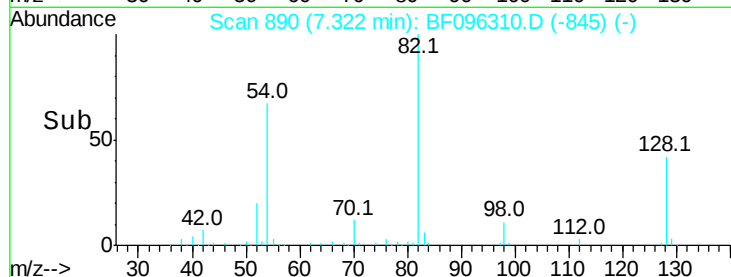
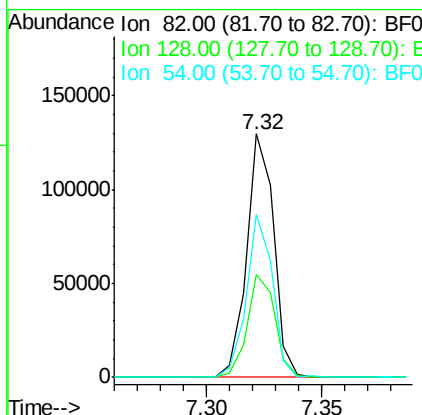
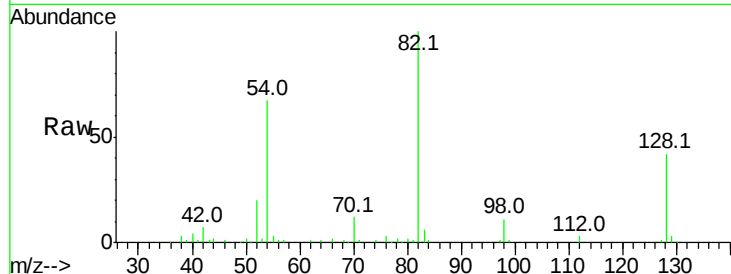




#23
Nitrobenzene-d5
Concen: 11.59 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

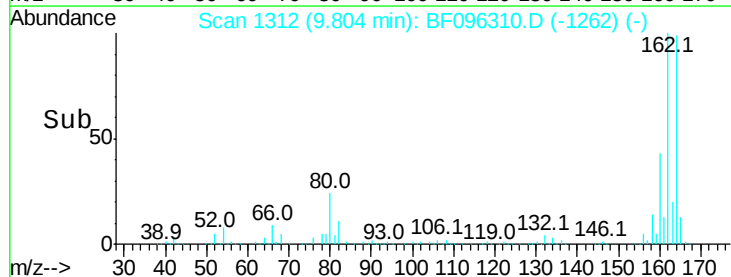
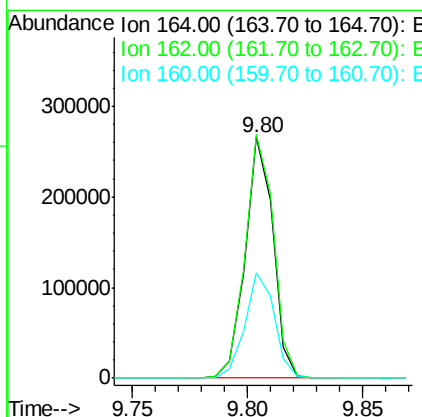
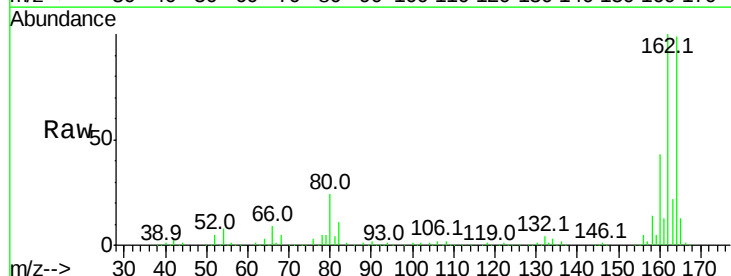
Instrument :
BNA_F
ClientSampleId :
G47-0-1.5

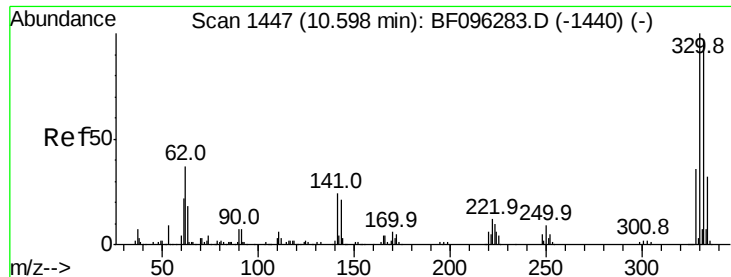
Tot Ion: 82 Resp: 106813
Ion Ratio Lower Upper
82 100
128 42.3 34.0 51.0
54 66.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

Tgt Ion:164 Resp: 224145
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 44.0 36.2 54.2

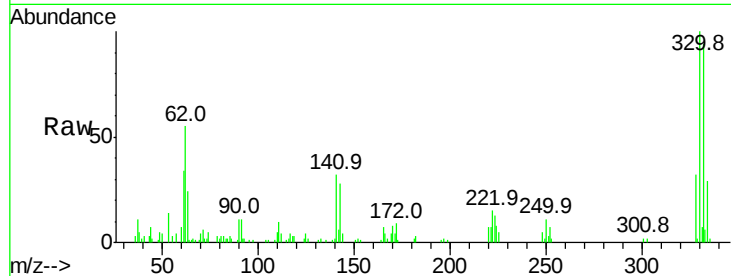




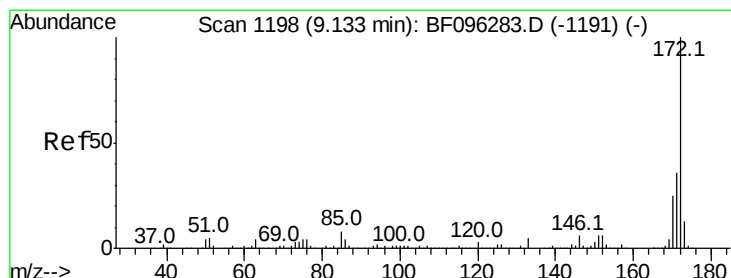
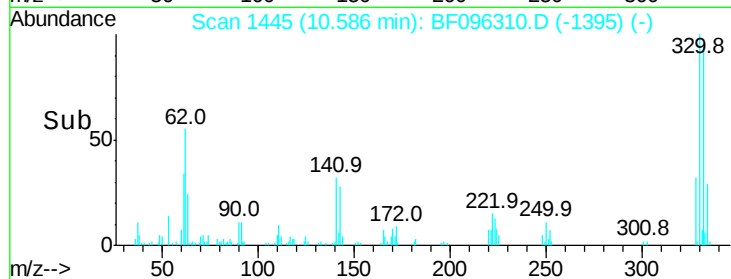
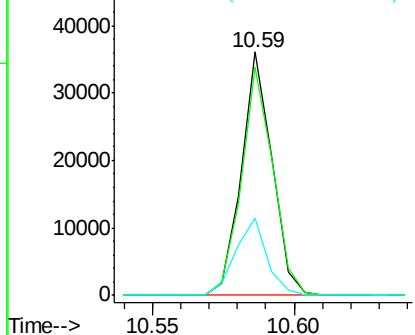
#41
 2,4,6-Tribromophenol
 Concen: 15.41 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096310.D
 Acq: 29 Jun 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 G47-0-1.5

Tot Ion:330 Resp: 27186
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 32.4 31.4 47.2

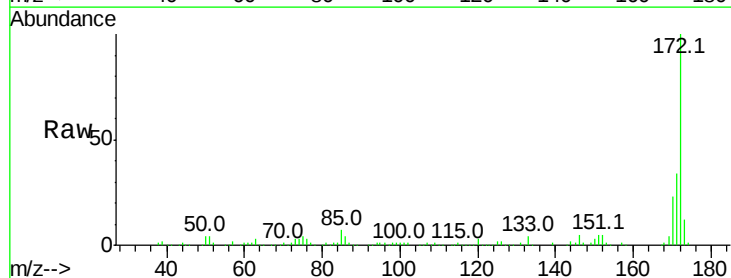


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

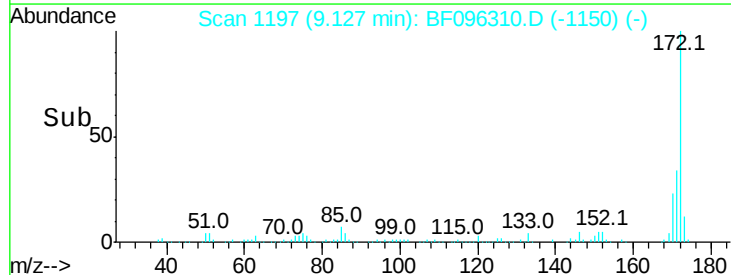
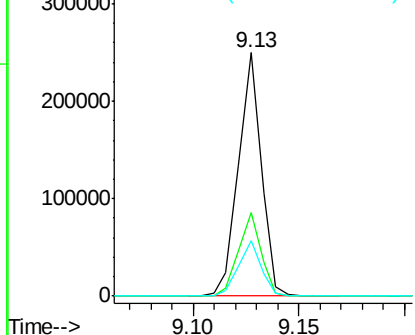


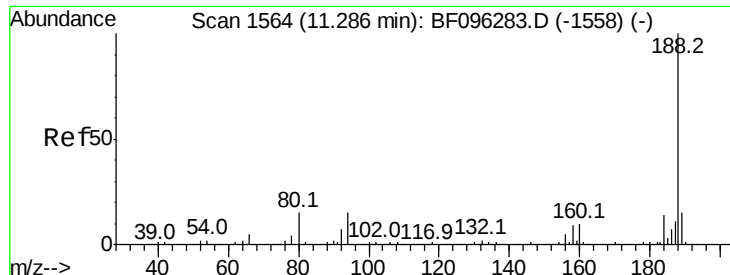
#44
 2-Fluorobiphenyl
 Concen: 15.31 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096310.D
 Acq: 29 Jun 2017 23:48

Tgt Ion:172 Resp: 187381
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.6 44.4
 170 22.6 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

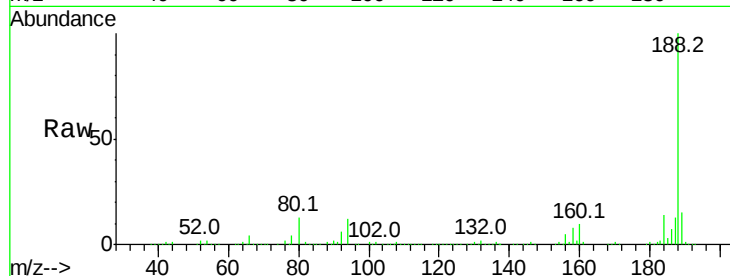




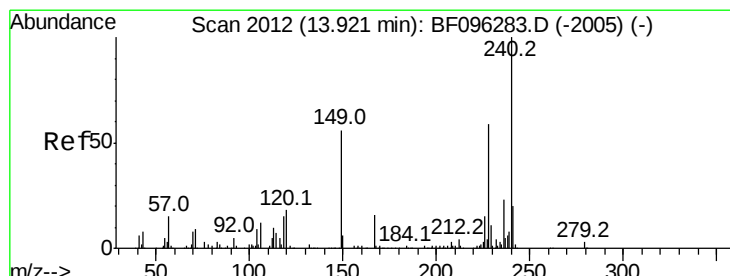
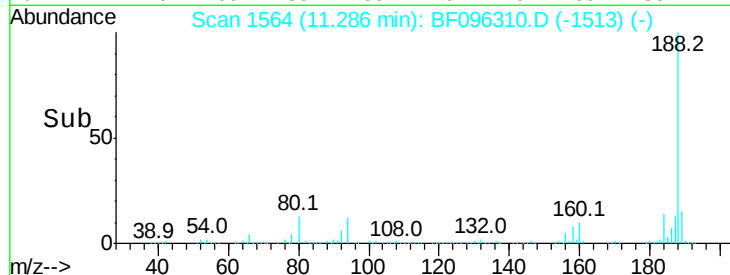
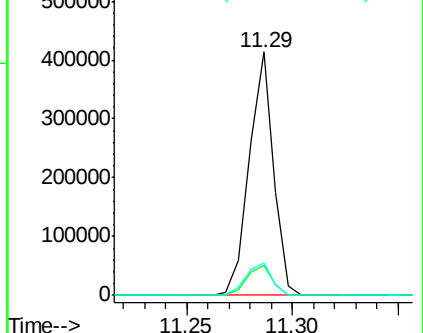
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

Instrument :
BNA_F
ClientSampled :
G47-0-1.5

Tot Ion:188 Resp: 330518
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.5 10.2 15.2

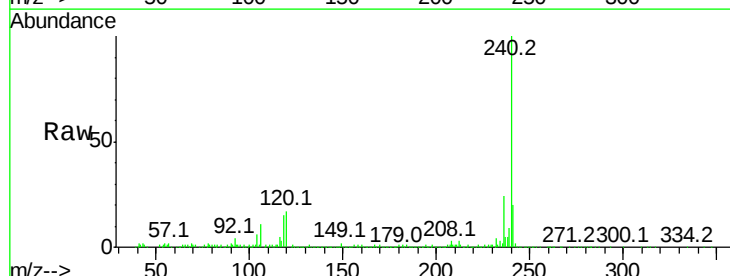


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

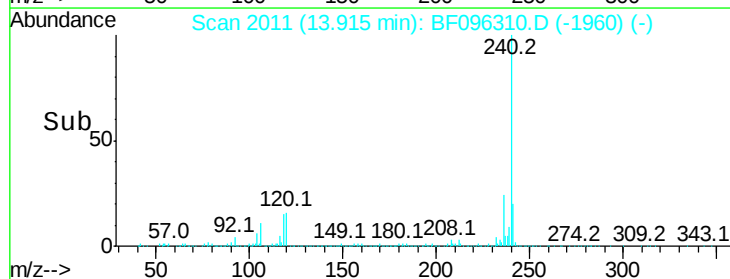
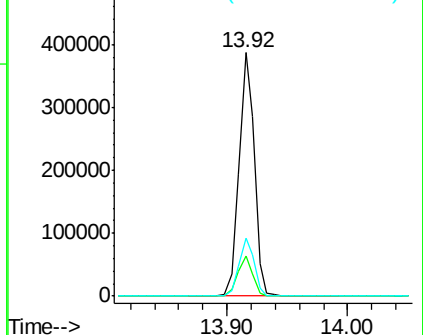


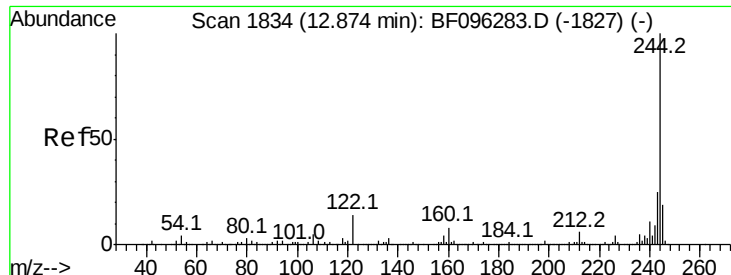
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096310.D
Acq: 29 Jun 2017 23:48

Tgt Ion:240 Resp: 343783
Ion Ratio Lower Upper
240 100
120 16.7 5.8 8.8#
236 24.0 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: 9.78 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096310.D

Acq: 29 Jun 2017 23:48

Instrument :

BNA_F

ClientSampleId :

G47-0-1.5

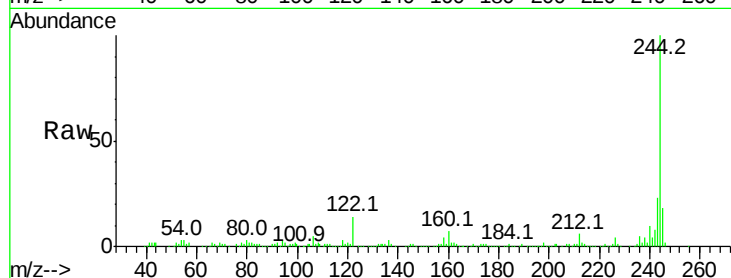
Tot Ion:244 Resp: 134723

Ion Ratio Lower Upper

244 100

212 5.6 6.0 9.0#

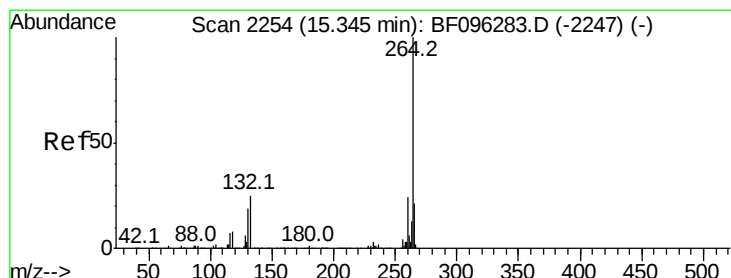
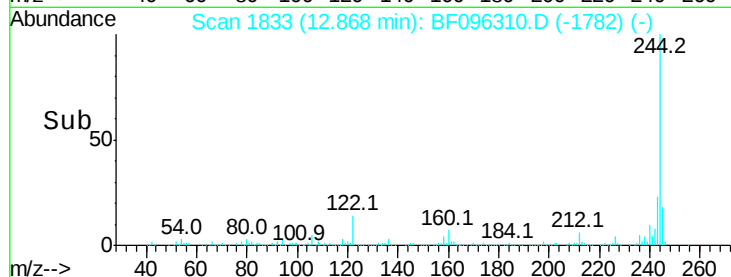
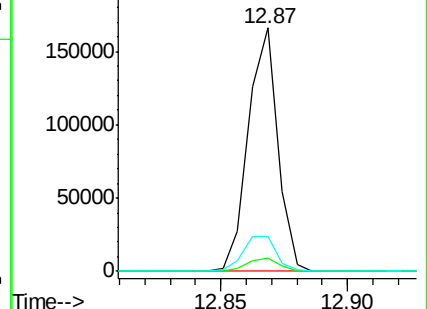
122 14.1 10.3 15.5



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: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096310.D

Acq: 29 Jun 2017 23:48

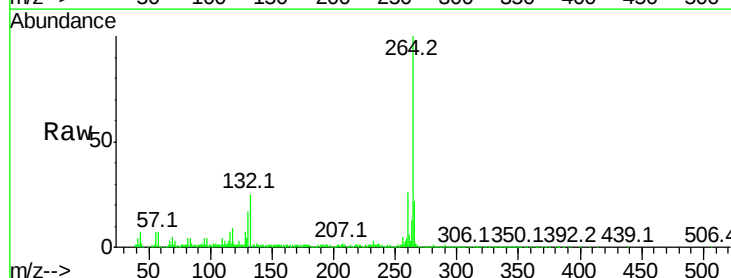
Tgt Ion:264 Resp: 247773

Ion Ratio Lower Upper

264 100

260 26.1 19.5 29.3

265 21.5 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

