

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097736.D
 Acq On : 16 Aug 2017 13:58
 Operator : SJ/JU
 Sample : I4758-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117

Quant Time: Aug 16 15:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	132539	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	524472	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	203102	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	473983	20.00	ng	0.00
75) Chrysene-d12	13.93	240	282994	20.00	ng	-0.01
86) Perylene-d12	15.36	264	54611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1060386	121.69	ng	0.01
7) Phenol-d6	6.42	99	1232339	104.09	ng	0.00
23) Nitrobenzene-d5	7.35	82	928026	96.12	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	333887	189.47	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1369874	99.09	ng	0.00
78) Terphenyl-d14	12.89	244	1299673	95.77	ng	0.00

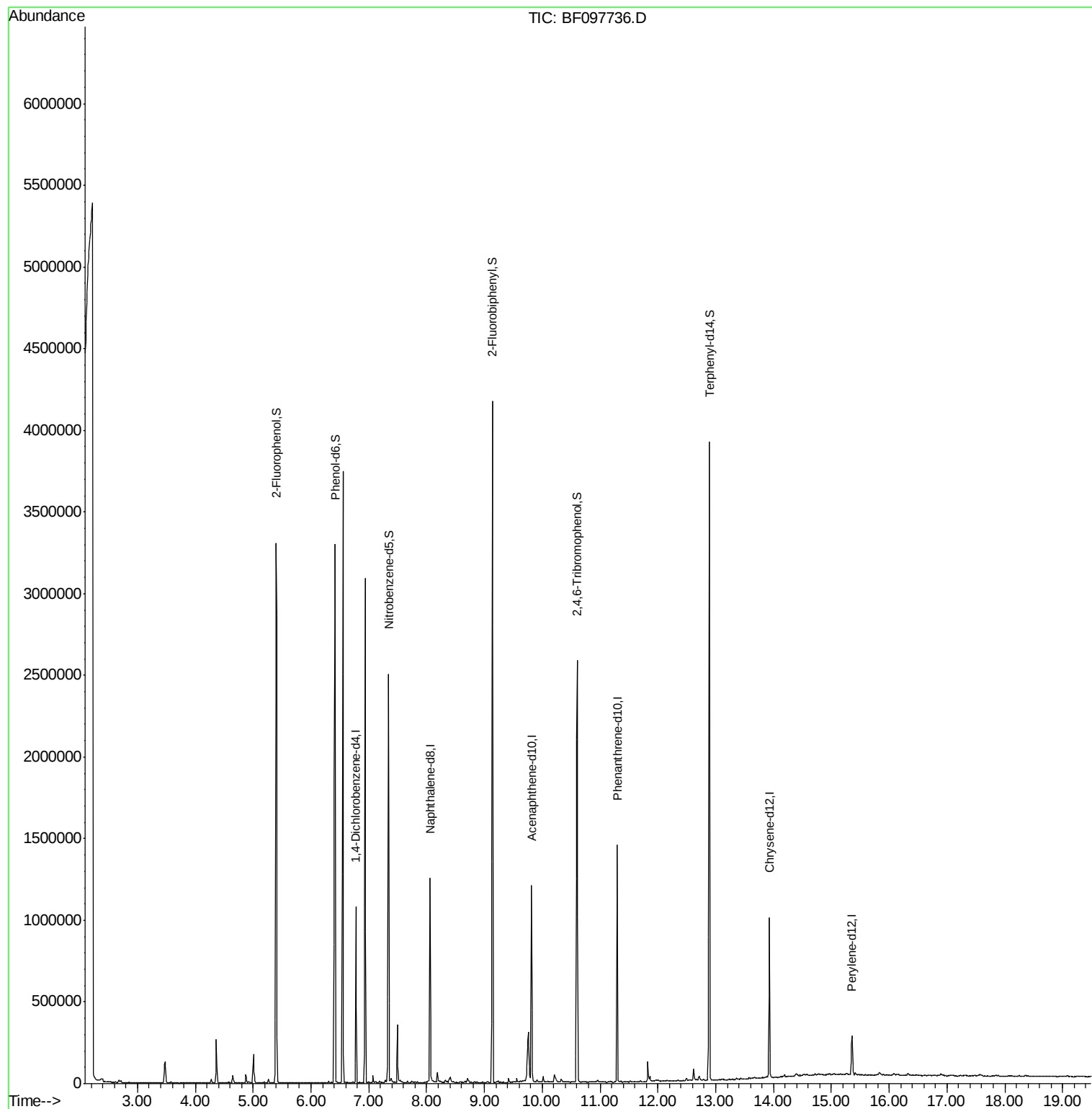
Target Compounds Qvalue

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

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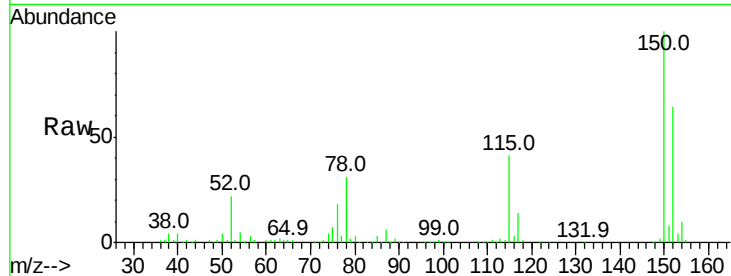


#1

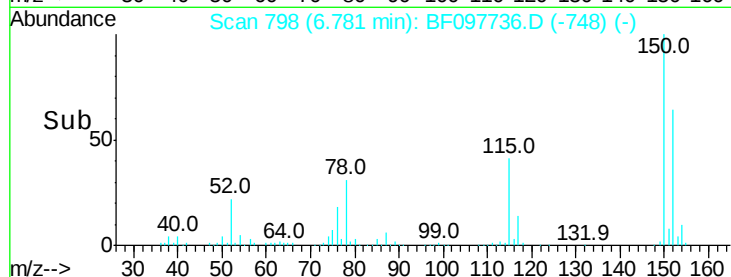
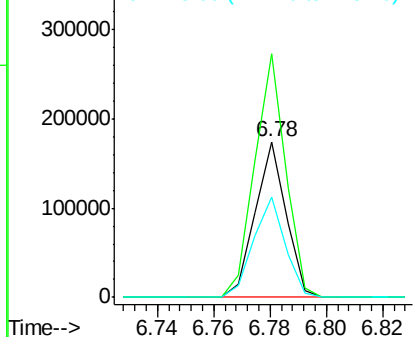
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097736.D
Acq: 16 Aug 2017 13:58

Instrument :
BNA_F
ClientSampleId :
SU-02-081117

Tot Ion:152 Resp: 132539
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 64.4 52.2 78.2



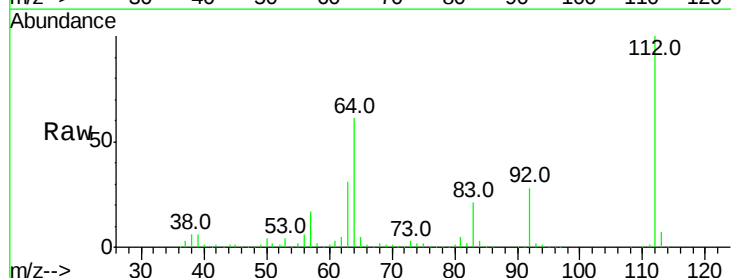
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



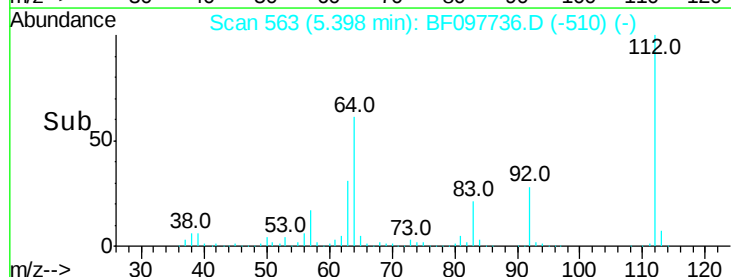
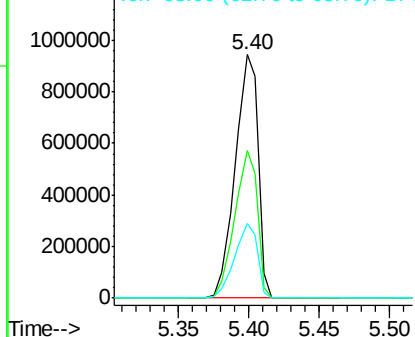
#5

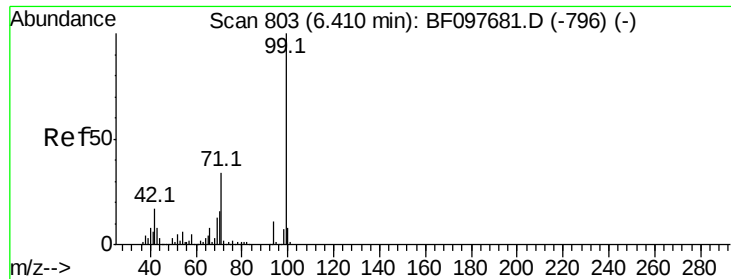
2-Fluorophenol
Concen: 121.694 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097736.D
Acq: 16 Aug 2017 13:58

Tgt Ion:112 Resp: 1060386
Ion Ratio Lower Upper
112 100
64 60.8 46.0 69.0
63 30.7 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: 104.090 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

Instrument :

BNA_F

ClientSampleId :

SU-02-081117

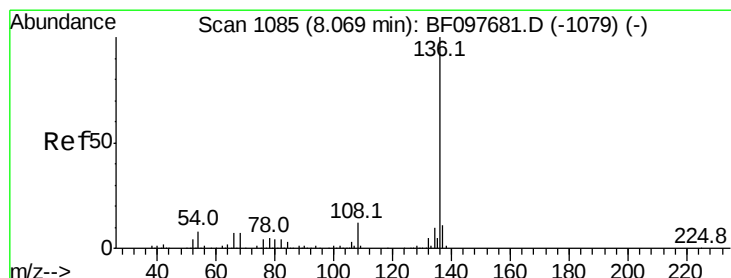
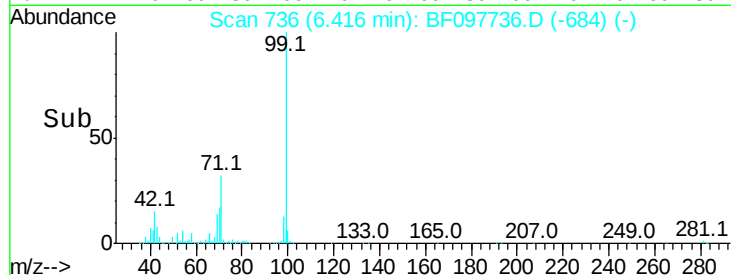
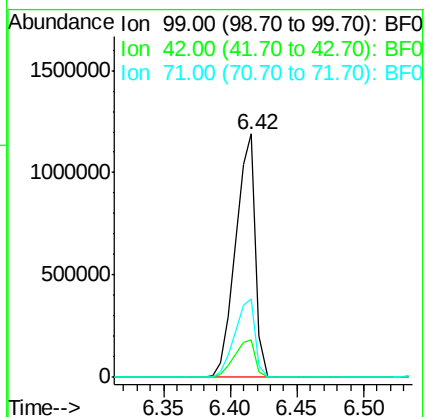
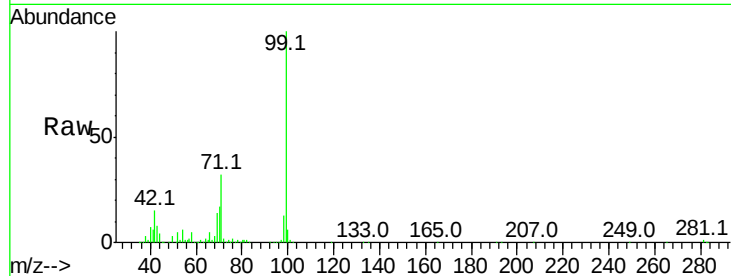
Tot Ion: 99 Resp: 1232339

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

71 32.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

Tgt Ion: 136 Resp: 524472

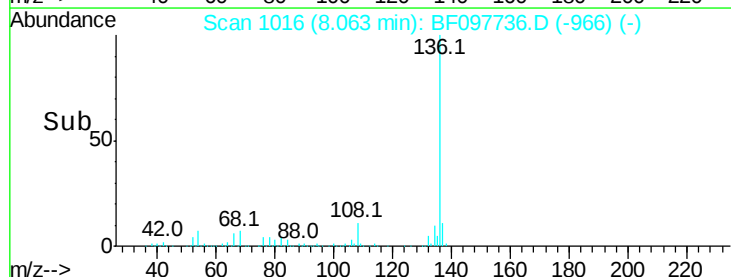
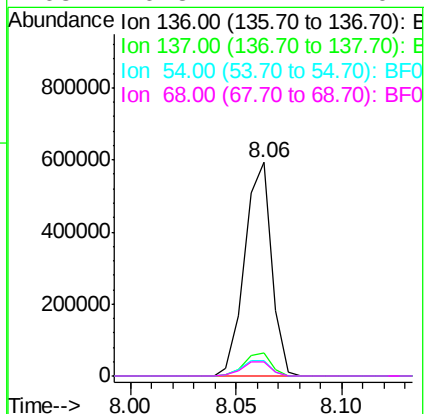
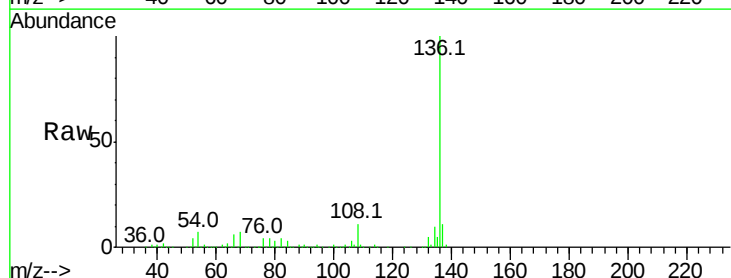
Ion Ratio Lower Upper

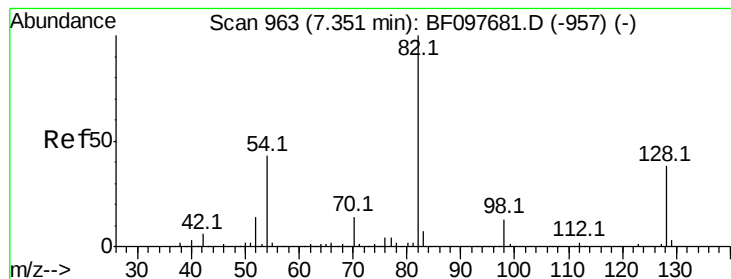
136 100

137 11.0 8.5 12.7

54 7.4 4.9 7.3#

68 6.8 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 96.125 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

Instrument :

BNA_F

ClientSampleId :

SU-02-081117

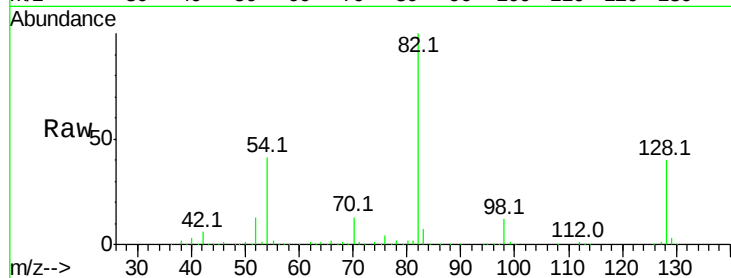
Tot Ion: 82 Resp: 928026

Ion Ratio Lower Upper

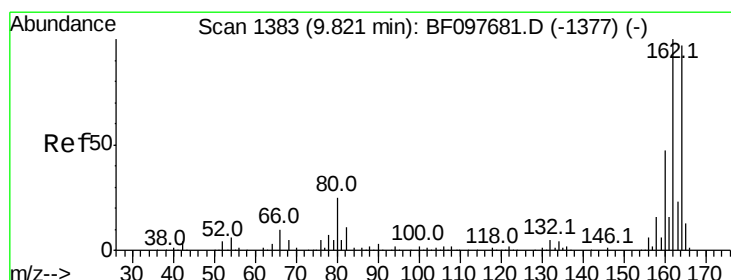
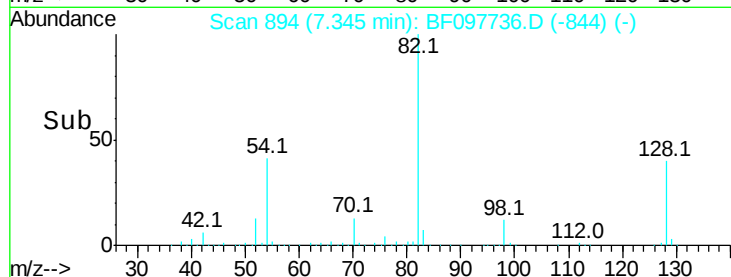
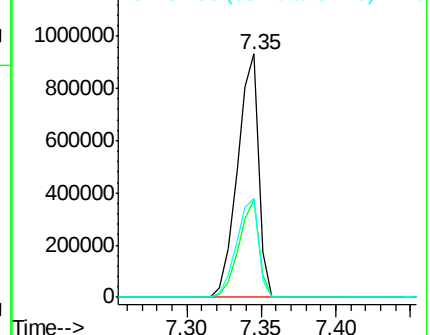
82 100

128 40.0 34.0 51.0

54 40.8 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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

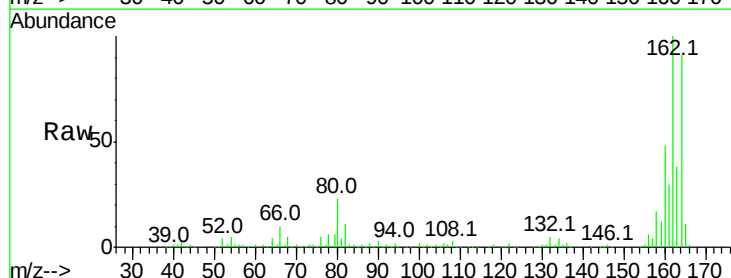
Tgt Ion:164 Resp: 203102

Ion Ratio Lower Upper

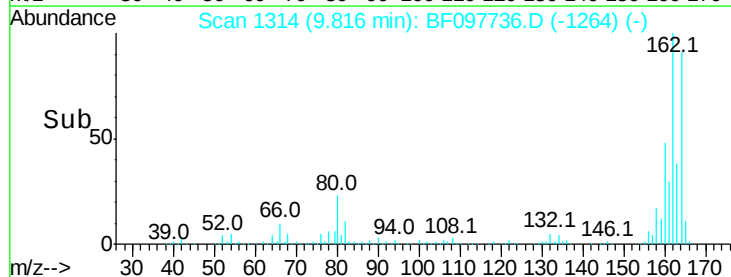
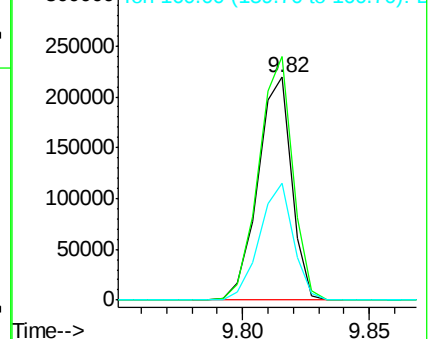
164 100

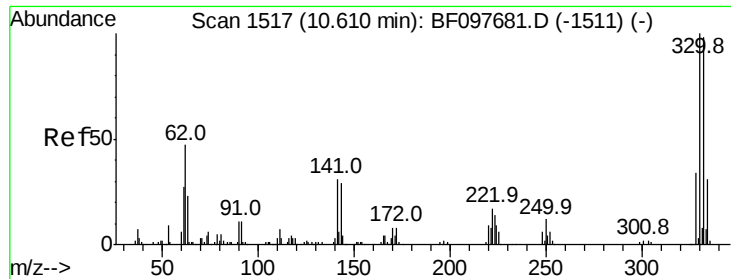
162 109.4 82.6 123.8

160 52.7 36.2 54.2



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

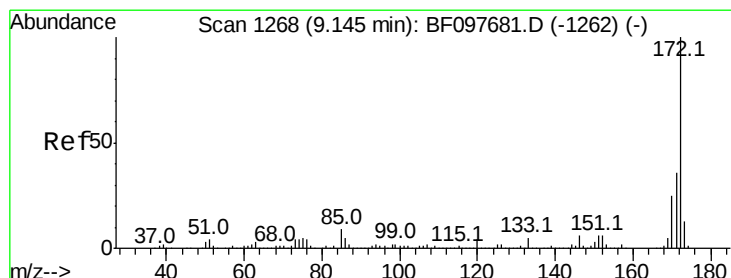
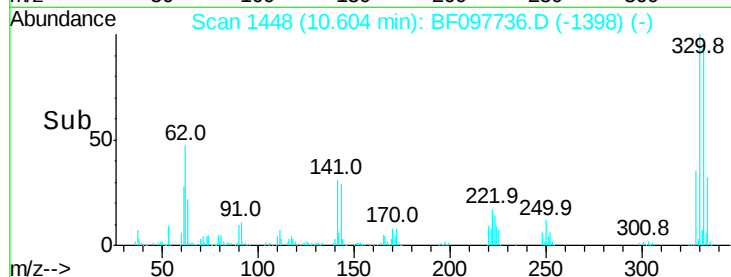
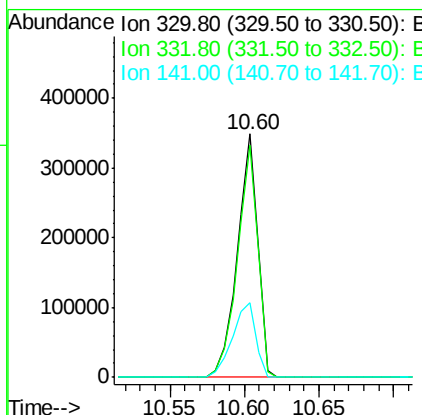
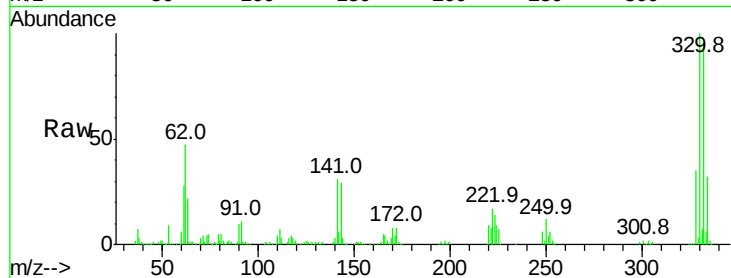




#41
 2,4,6-Tribromophenol
 Concen: 189.467 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097736.D
 Acq: 16 Aug 2017 13:58

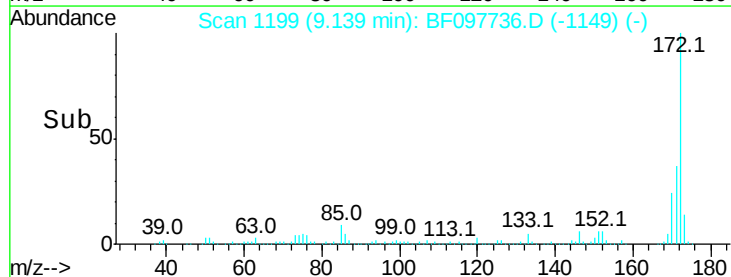
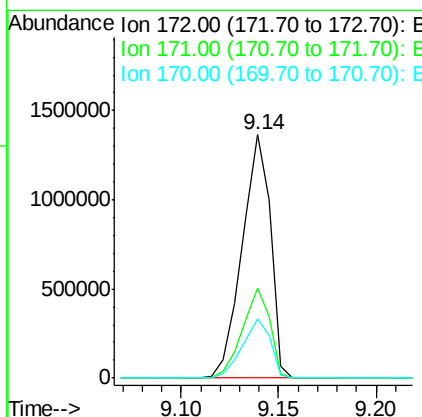
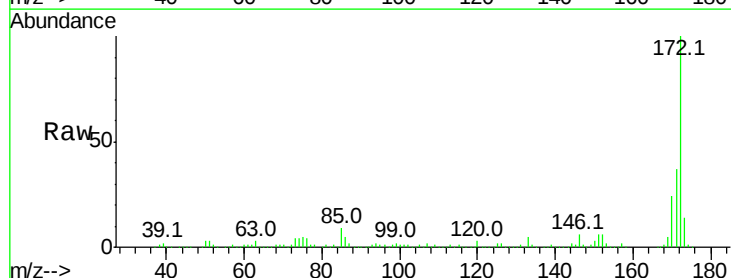
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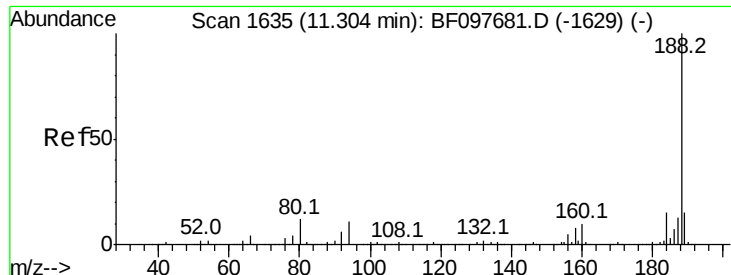
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	35.6	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 99.094 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097736.D
 Acq: 16 Aug 2017 13:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	24.2	19.8	29.8

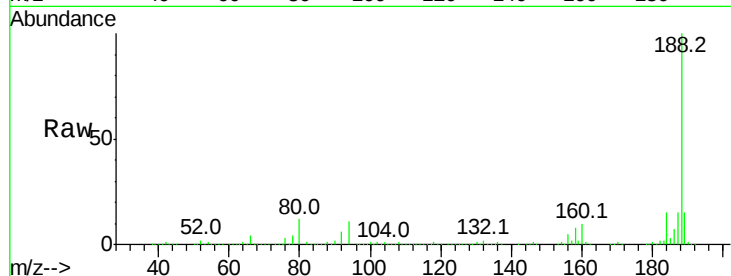




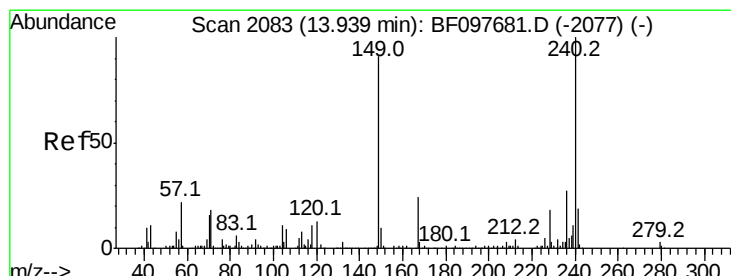
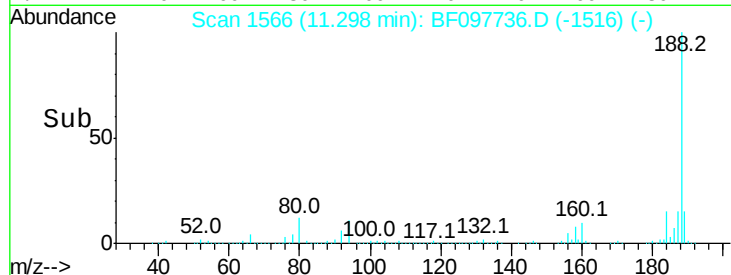
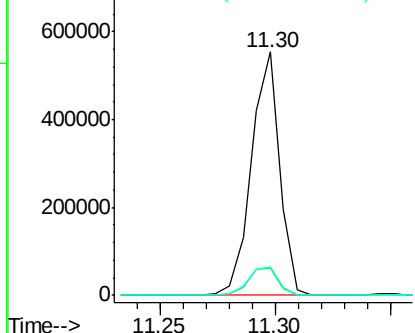
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097736.D
Acq: 16 Aug 2017 13:58

Instrument :
BNA_F
ClientSampleId :
SU-02-081117

Tot Ion:188 Resp: 473983
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.0 10.2 15.2

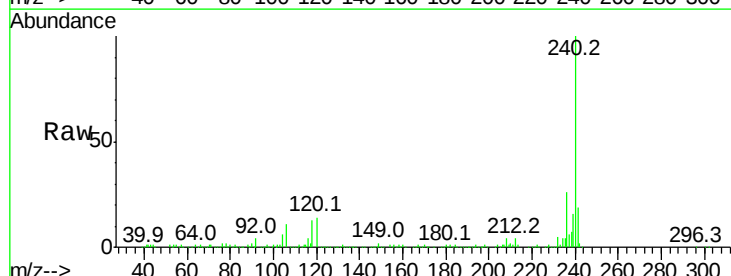


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

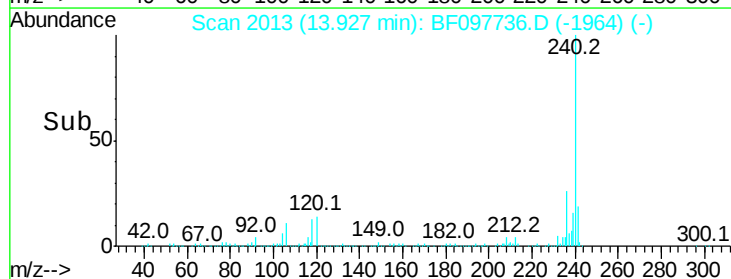
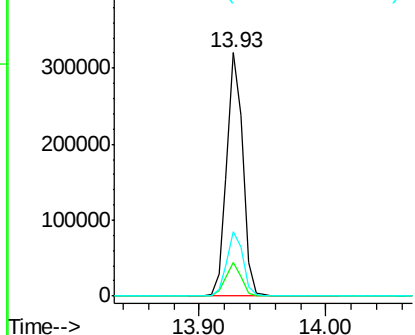


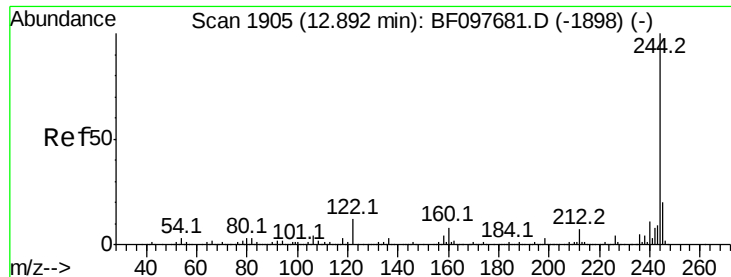
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097736.D
Acq: 16 Aug 2017 13:58

Tgt Ion:240 Resp: 282994
Ion Ratio Lower Upper
240 100
120 13.6 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: 95.771 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

Instrument :

BNA_F

ClientSampleId :

SU-02-081117

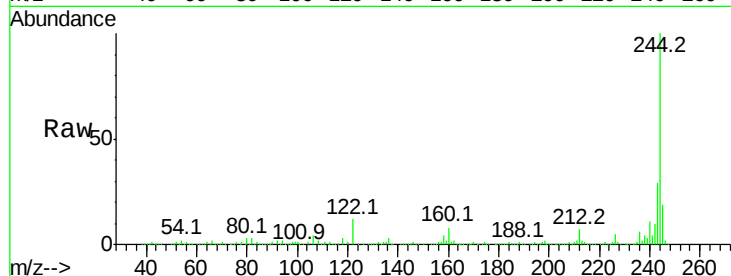
Tot Ion:244 Resp: 1299673

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

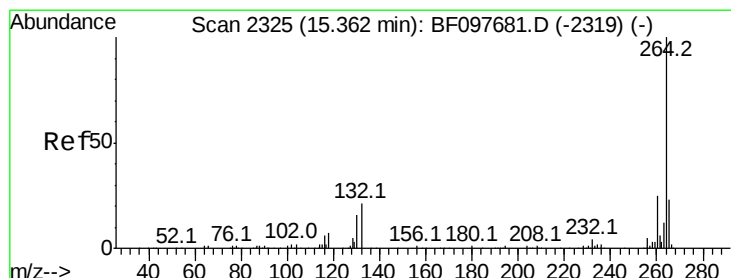
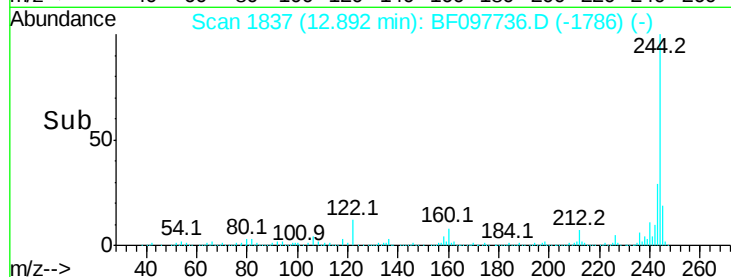
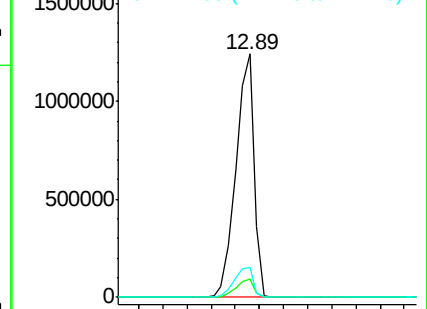
122 12.1 10.3 15.5



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: 20.000 ng

RT: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097736.D

Acq: 16 Aug 2017 13:58

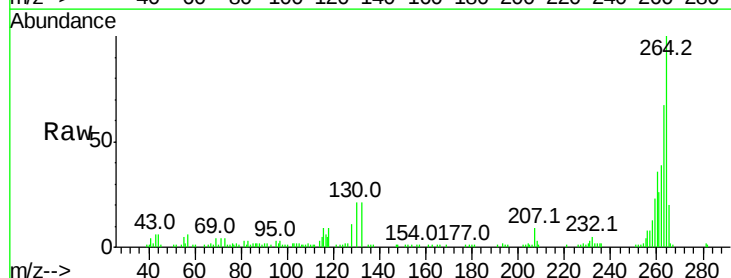
Tgt Ion:264 Resp: 54611

Ion Ratio Lower Upper

264 100

260 35.9 19.5 29.3#

265 20.1 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

