

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097138.D
 Acq On : 27 Jul 2017 22:33
 Operator : SJ/JU
 Sample : I4424-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Quant Time: Jul 28 01:52:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

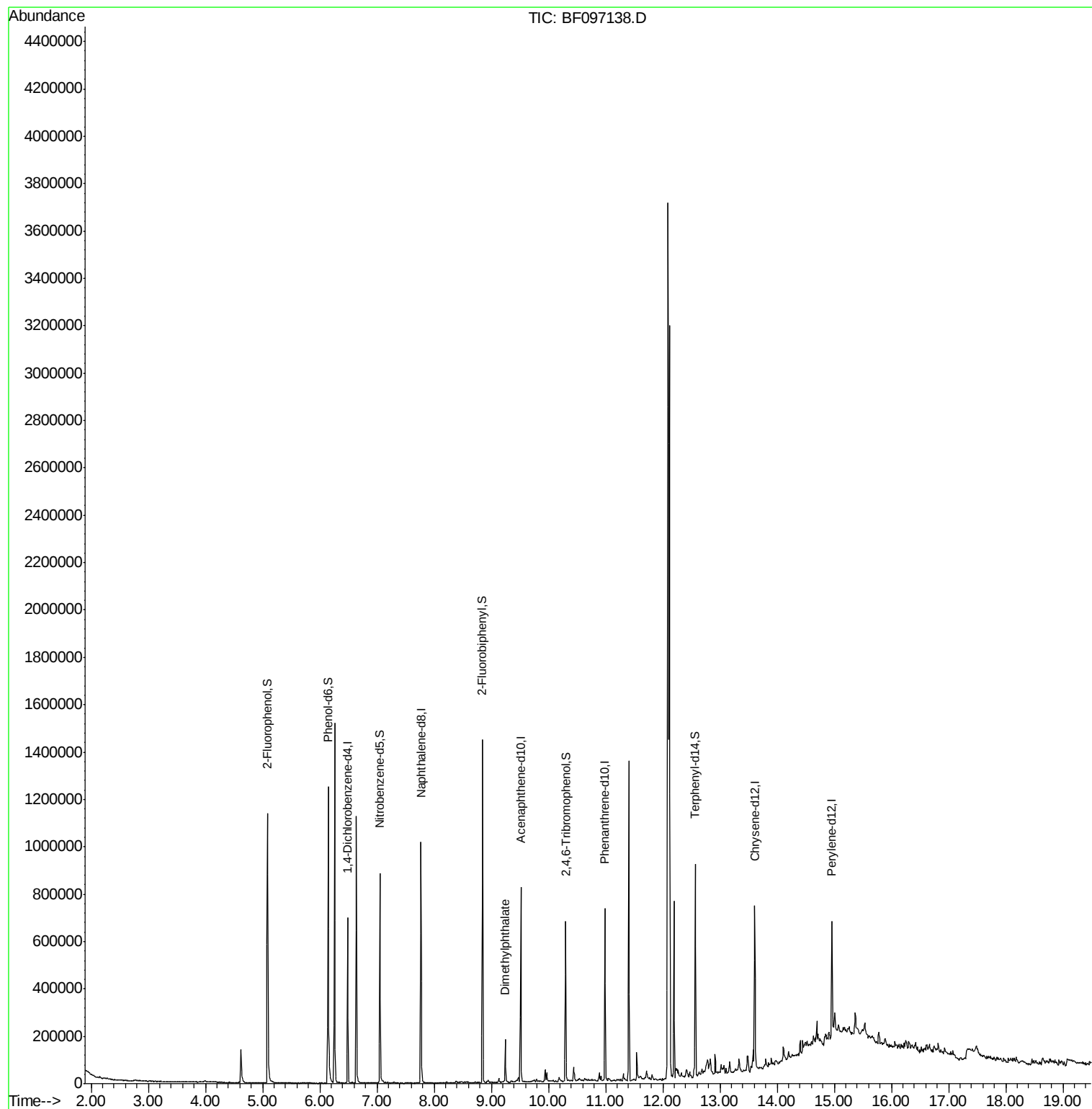
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	102793	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	418255	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	169666	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	240162	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	213016	20.00	ng	-0.02
86) Perylene-d12	14.96	264	192879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	342843	50.28	ng	-0.02
7) Phenol-d6	6.15	99	414690	53.27	ng	-0.02
23) Nitrobenzene-d5	7.05	82	250319	35.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	66012	49.24	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	415415	41.55	ng	-0.02
78) Terphenyl-d14	12.57	244	242249	23.19	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.25	163	61588	4.780	ng	98

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

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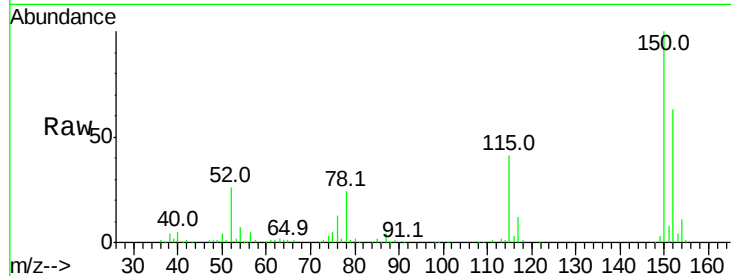


#1

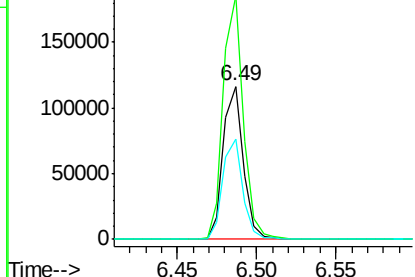
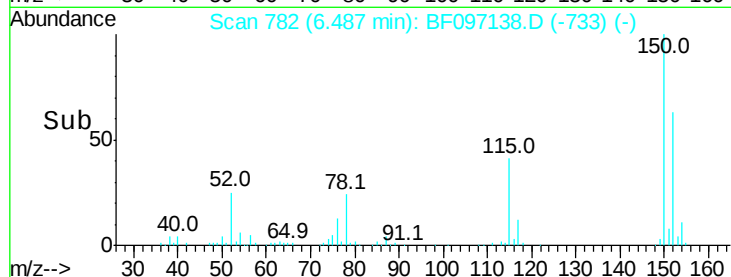
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Tot Ion:152 Resp: 102793
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.2 189.2
 115 65.3 52.2 78.2



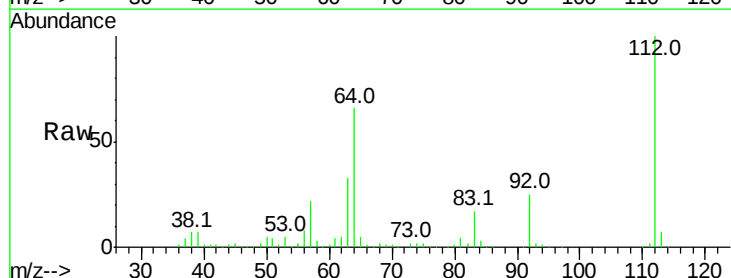
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



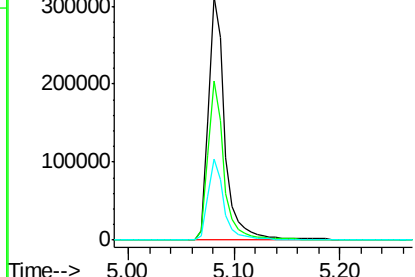
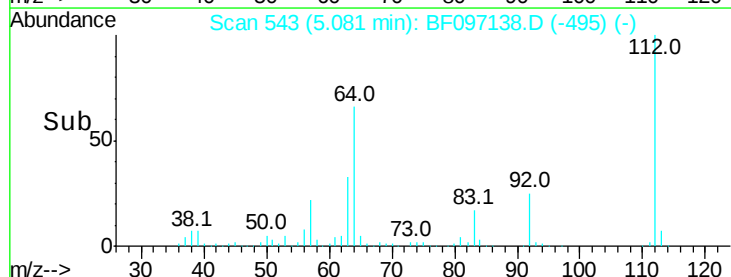
#5

2-Fluorophenol
 Concen: 50.279 ng
 RT: 5.08 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Tgt Ion:112 Resp: 342843
 Ion Ratio Lower Upper
 112 100
 64 65.6 46.0 69.0
 63 33.1 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: 53.271 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

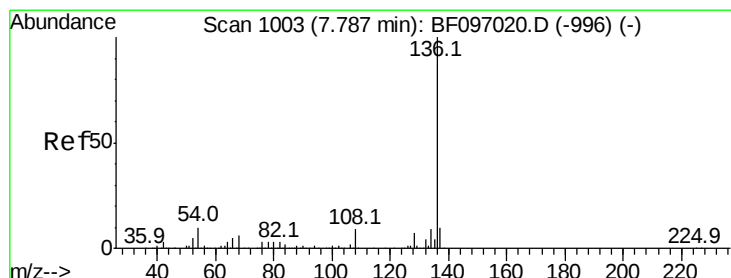
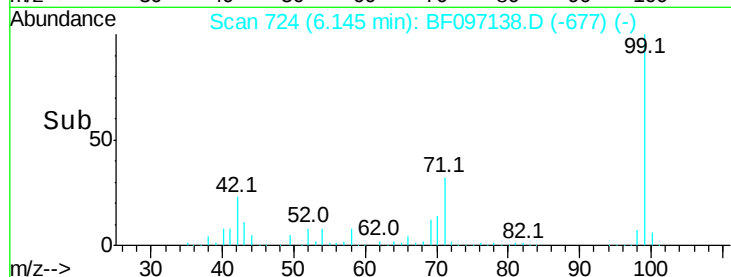
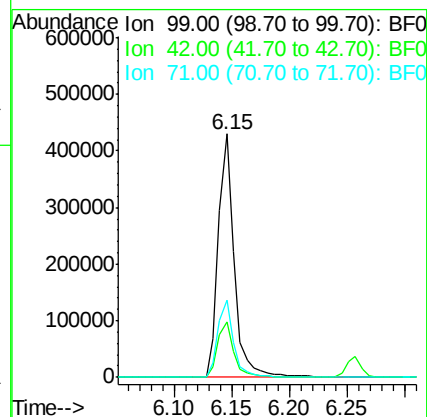
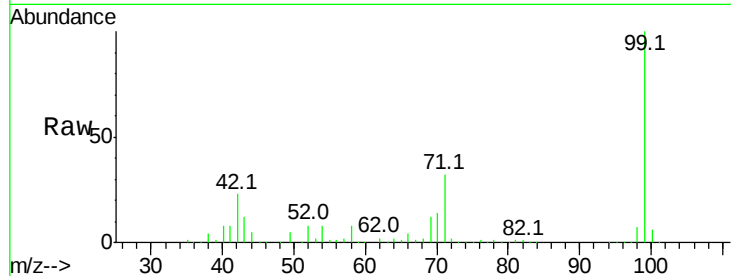
Tot Ion: 99 Resp: 414690

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

71 31.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Tgt Ion: 136 Resp: 418255

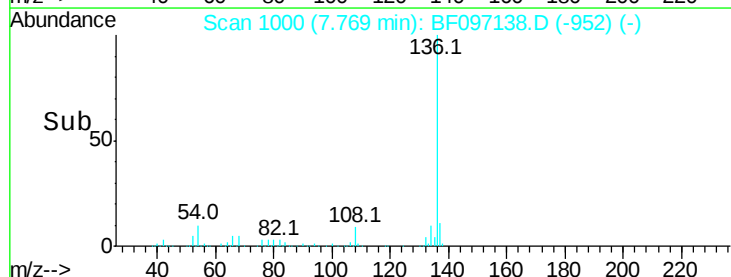
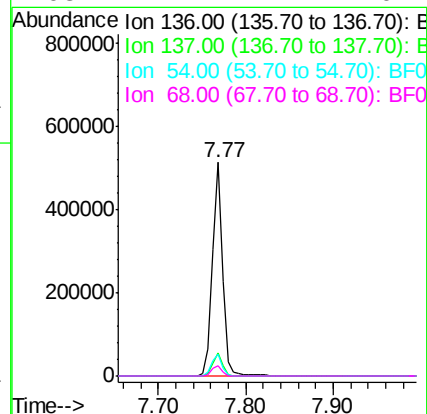
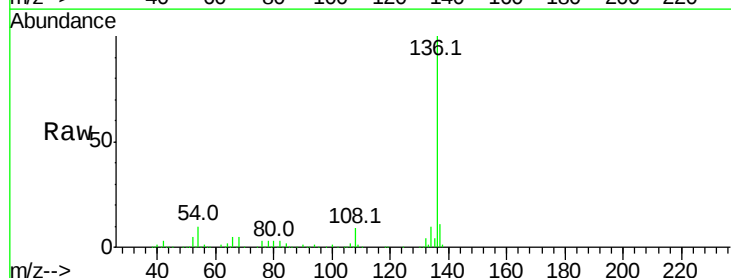
Ion Ratio Lower Upper

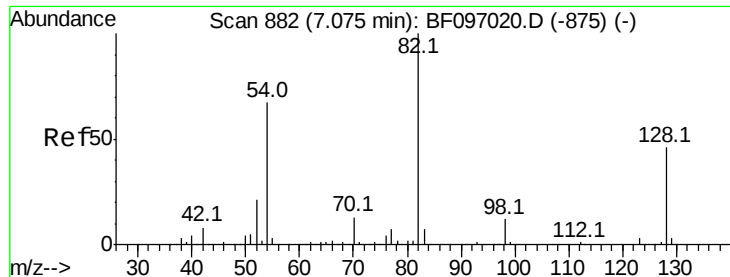
136 100

137 11.1 8.5 12.7

54 9.9 4.9 7.3#

68 4.7 4.1 6.1

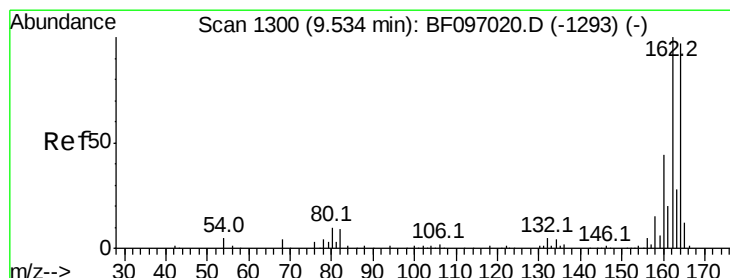
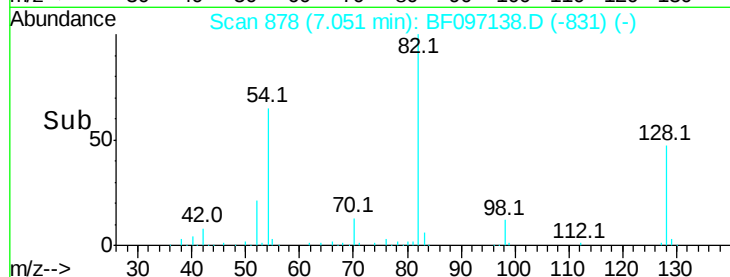
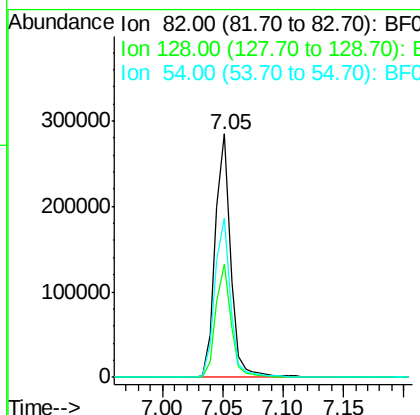
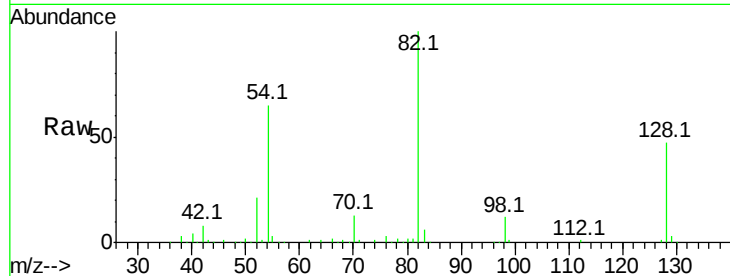




#23
Nitrobenzene-d5
Concen: 35.109 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

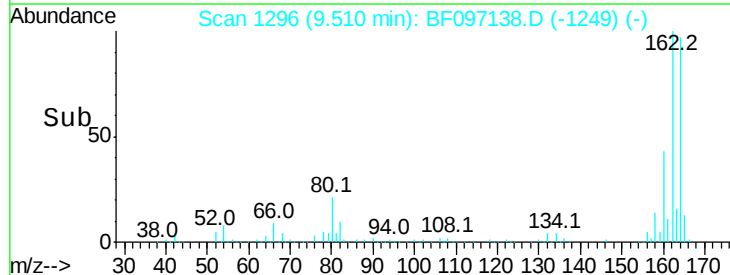
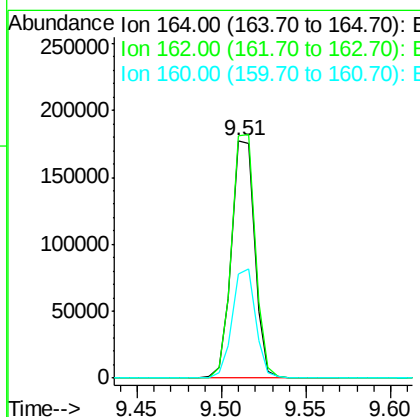
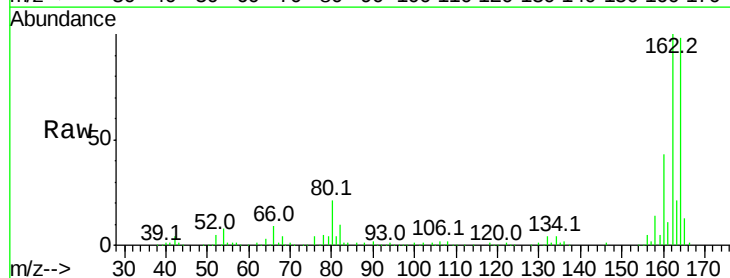
Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Tot Ion: 82 Resp: 250319
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 65.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Tgt Ion:164 Resp: 169666
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 44.0 36.2 54.2

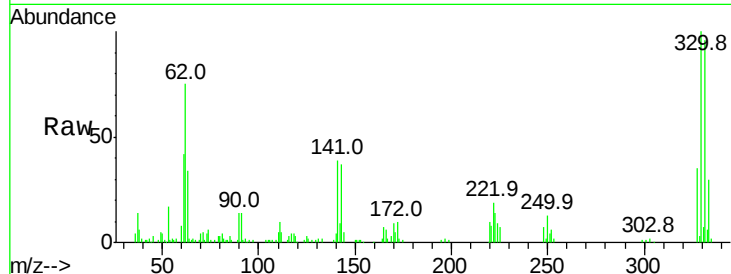




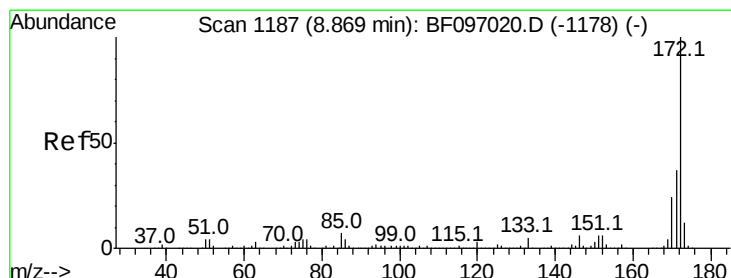
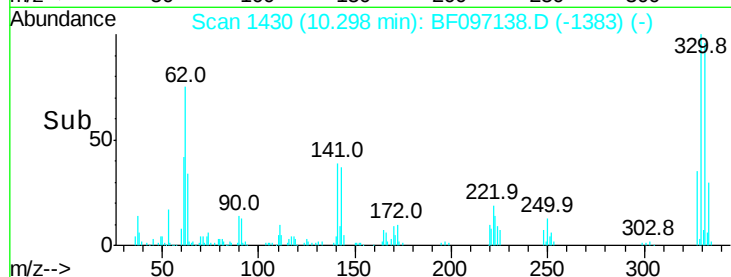
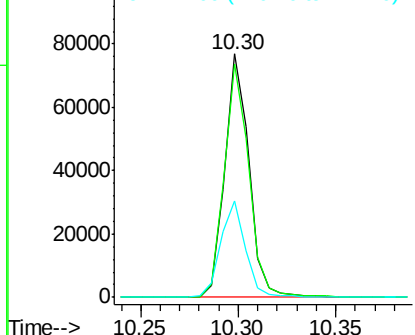
#41
 2,4,6-Tribromophenol
 Concen: 49.243 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-072417-C

Tot Ion:330 Resp: 66012
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 40.6 31.4 47.2

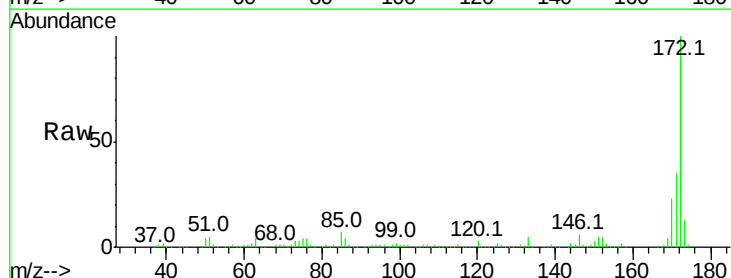


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

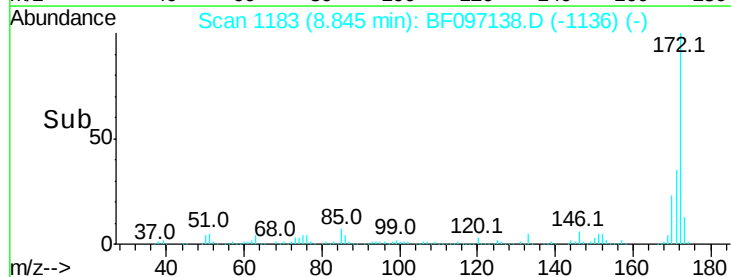
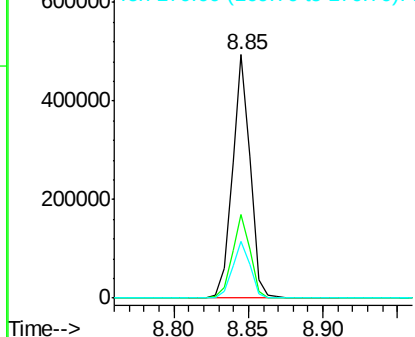


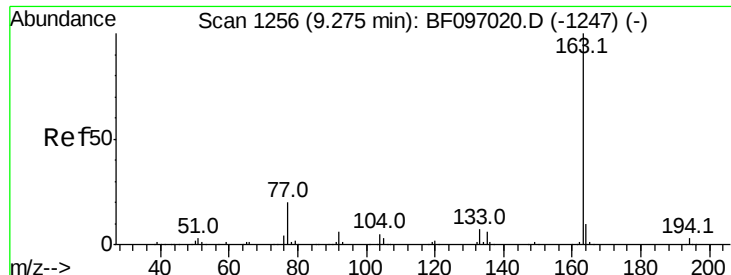
#44
 2-Fluorobiphenyl
 Concen: 41.552 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097138.D
 Acq: 27 Jul 2017 22:33

Tgt Ion:172 Resp: 415415
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.6 44.4
 170 23.2 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

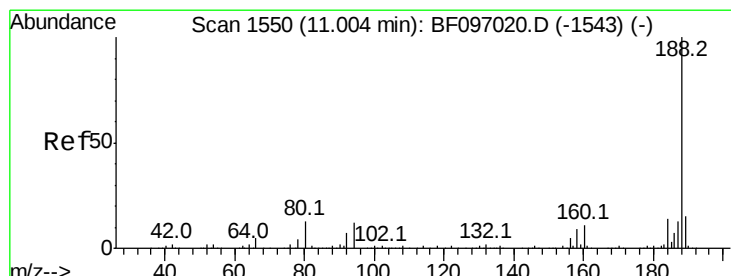
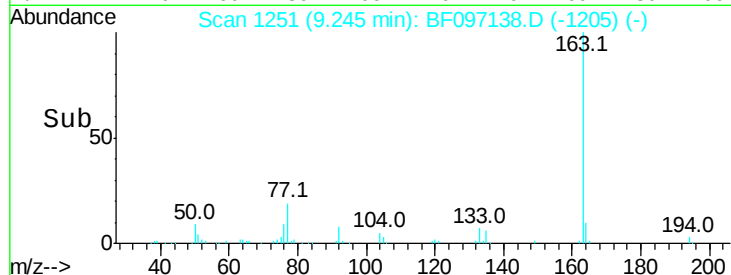
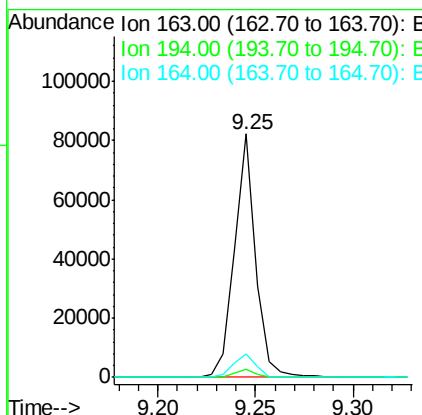
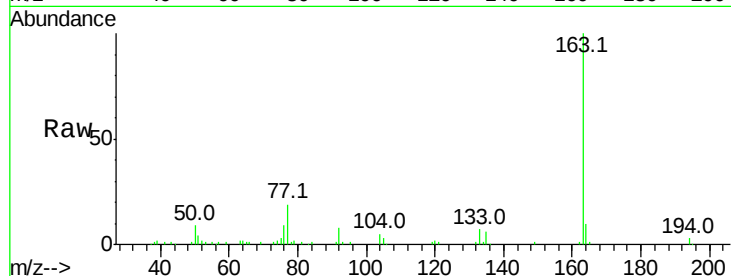




#49
Dimethylphthalate
Concen: 4.780 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

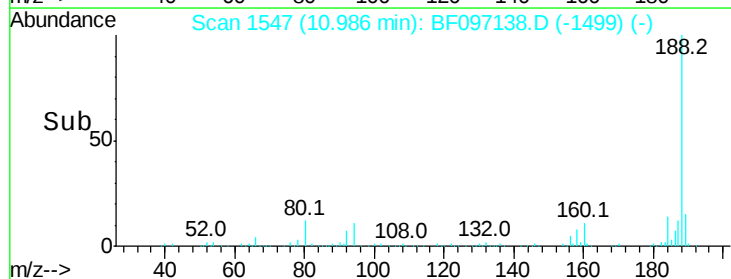
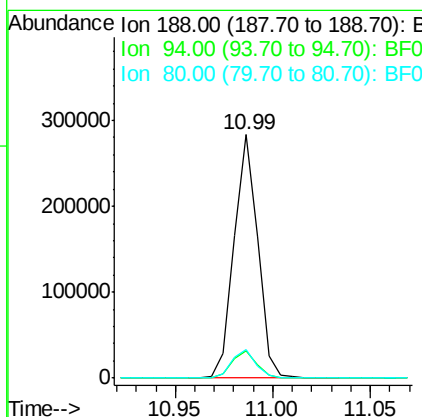
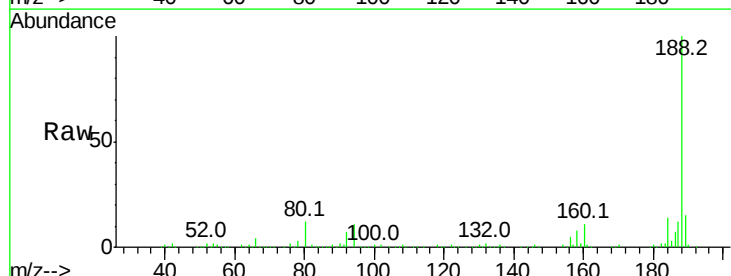
Instrument :
BNA_F
ClientSampleId :
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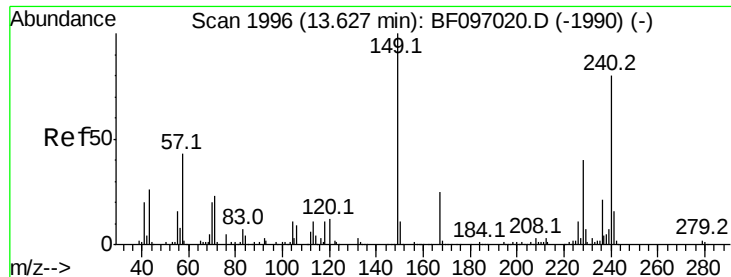
Tot Ion:163 Resp: 61588
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.8 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Tgt Ion:188 Resp: 240162
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 11.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

Instrument :

BNA_F

ClientSampleId :

AU-06-072417-C

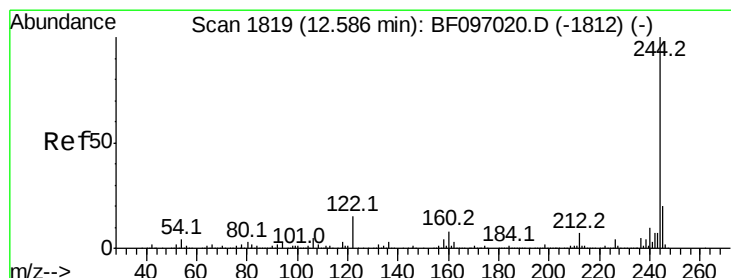
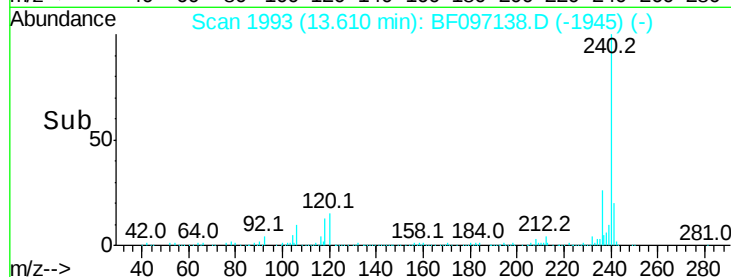
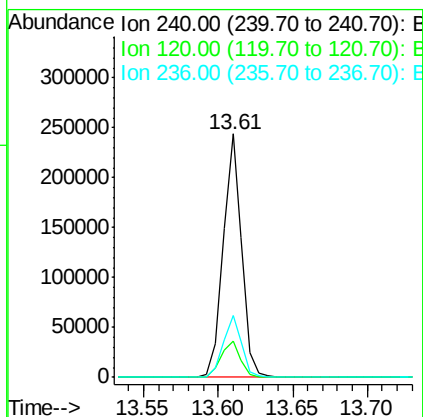
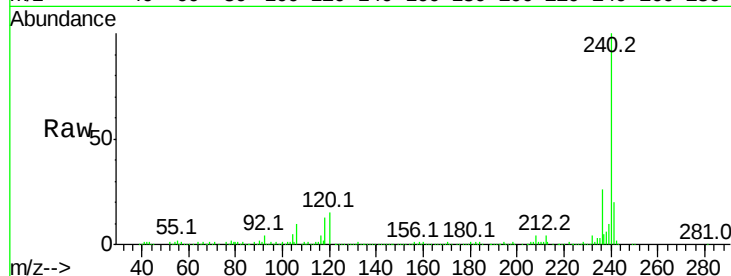
Tot Ion:240 Resp: 213016

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

236 25.5 20.5 30.7



#78

Terphenyl-d14

Concen: 23.187 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097138.D

Acq: 27 Jul 2017 22:33

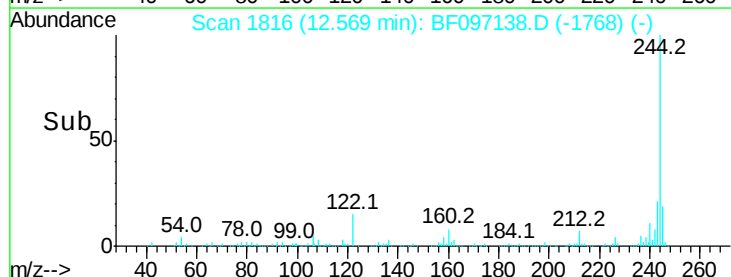
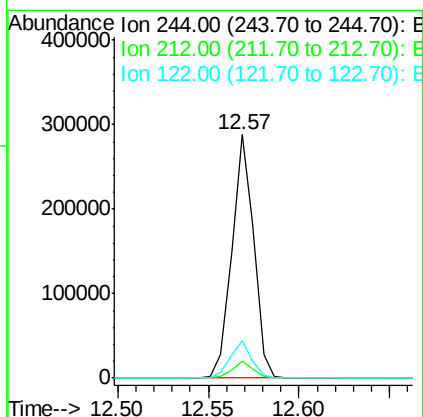
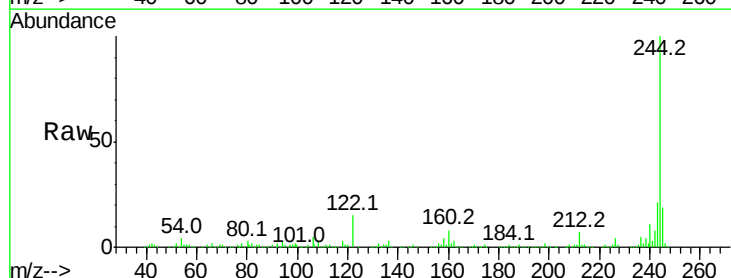
Tgt Ion:244 Resp: 242249

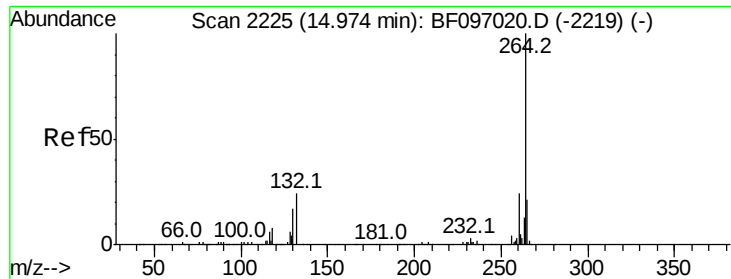
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 15.4 10.3 15.5





#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097138.D
Acq: 27 Jul 2017 22:33

Instrument :
BNA_F
ClientSampleId :
AU-06-072417-C

Tot Ion:264 Resp: 192879

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.4	17.2	25.8

