

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097615.D
 Acq On : 12 Aug 2017 2:14
 Operator : SJ/JU
 Sample : I4631-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-4

Quant Time: Aug 12 06:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

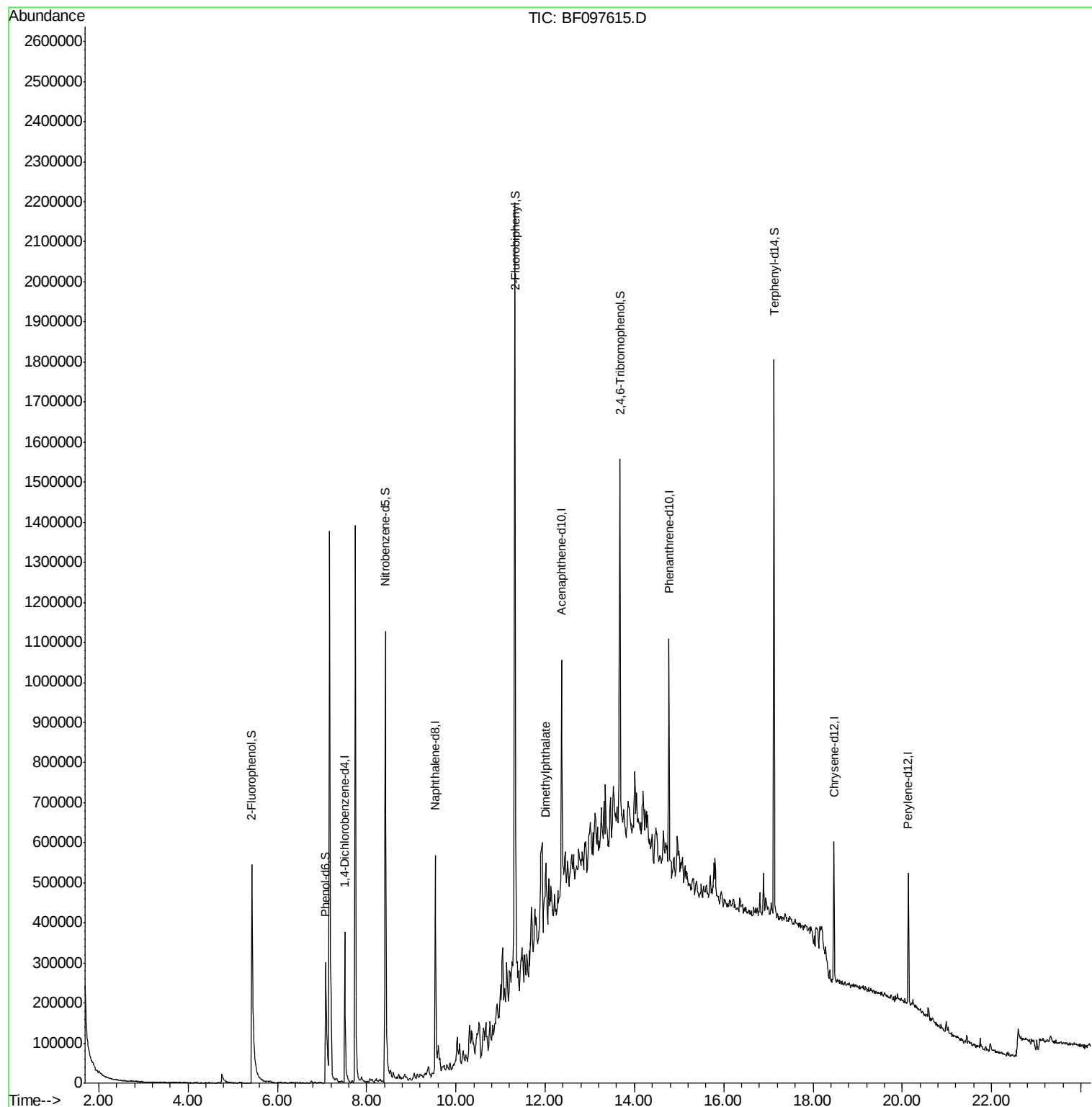
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86051	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	362725	20.00	ng	0.00
38) Acenaphthene-d10	12.37	164	170201	20.00	ng	0.00
63) Phenanthrene-d10	14.77	188	277815	20.00	ng	0.00
75) Chrysene-d12	18.47	240	145656	20.00	ng	0.00
86) Perylene-d12	20.13	264	134353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	363455	67.14	ng	0.02
7) Phenol-d6	7.08	99	250315	37.27	ng	0.02
23) Nitrobenzene-d5	8.42	82	519548	89.81	ng	0.00
41) 2,4,6-Tribromophenol	13.67	330	171954	132.90	ng	0.01
44) 2-Fluorobiphenyl	11.32	172	952016	84.42	ng	0.00
78) Terphenyl-d14	17.13	244	586973	83.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.02	163	32343	2.466	ng	Qvalue # 95

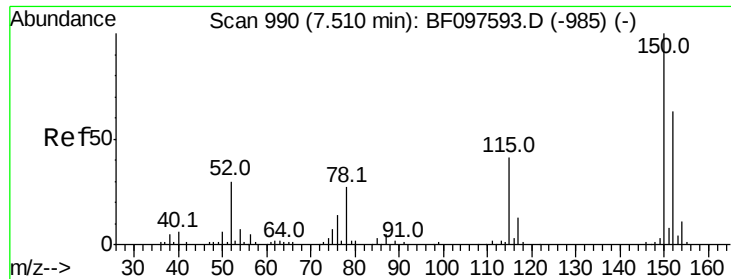
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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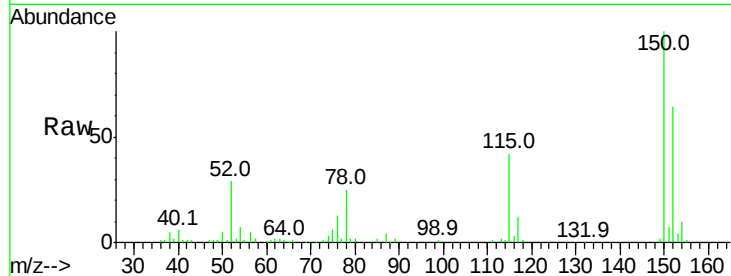


#1

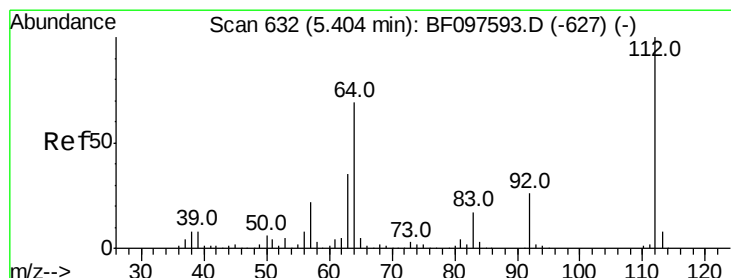
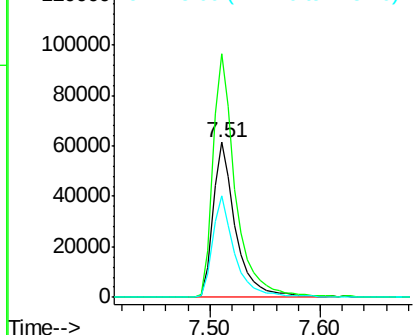
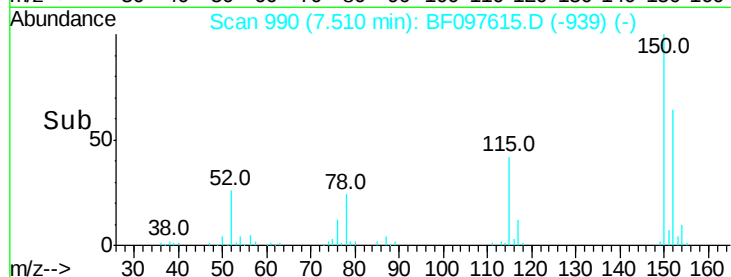
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF097615.D
Acq: 12 Aug 2017 2:14

Instrument :
BNA_F
ClientSampleId :
VE-1-4

Tot Ion:152 Resp: 86051
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 65.2 52.2 78.2



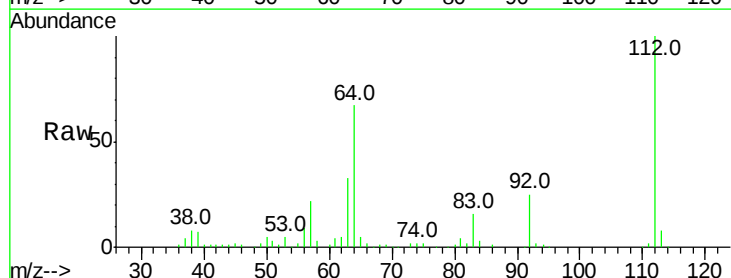
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



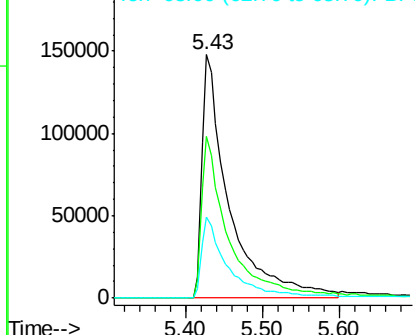
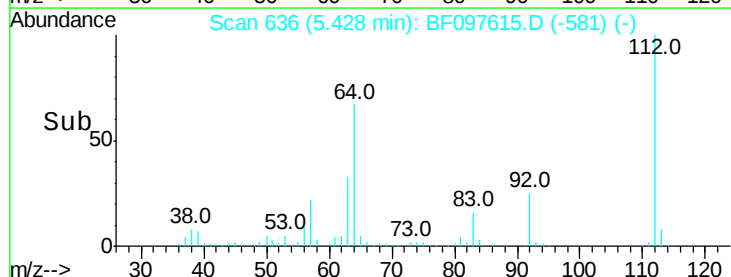
#5

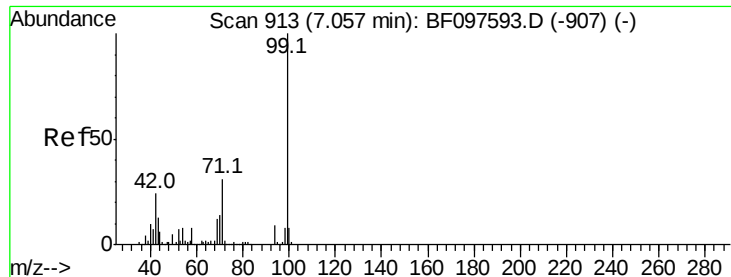
2-Fluorophenol
Concen: 67.136 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097615.D
Acq: 12 Aug 2017 2:14

Tgt Ion:112 Resp: 363455
Ion Ratio Lower Upper
112 100
64 66.5 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: 37.273 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

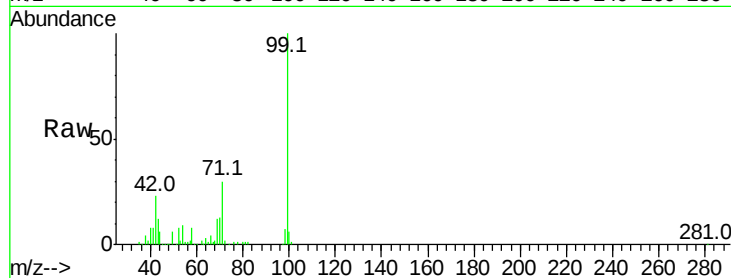
Tot Ion: 99 Resp: 250315

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

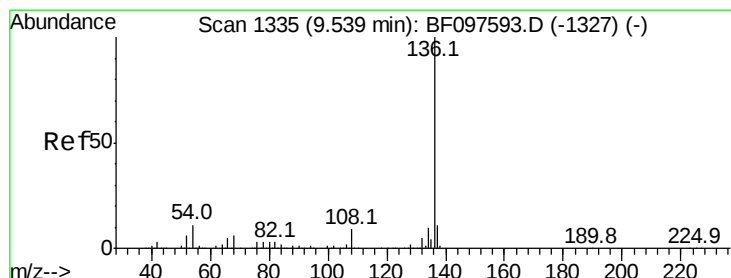
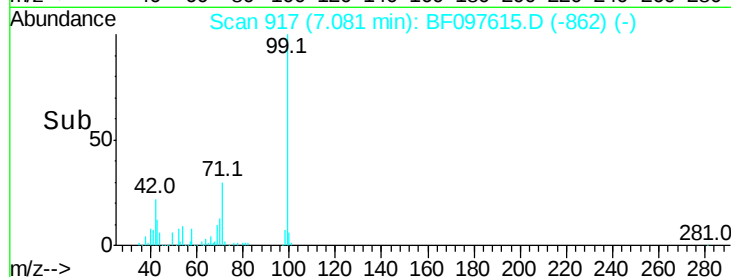
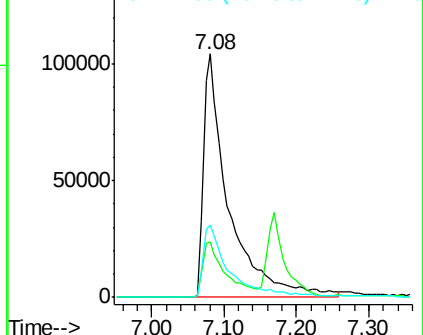
71 29.7 24.5 36.7



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: 9.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Tgt Ion: 136 Resp: 362725

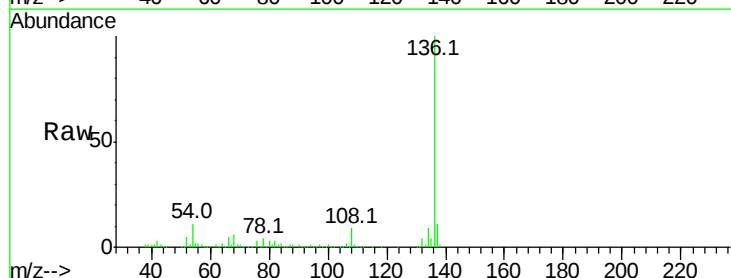
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.0 4.9 7.3#

68 5.6 4.1 6.1

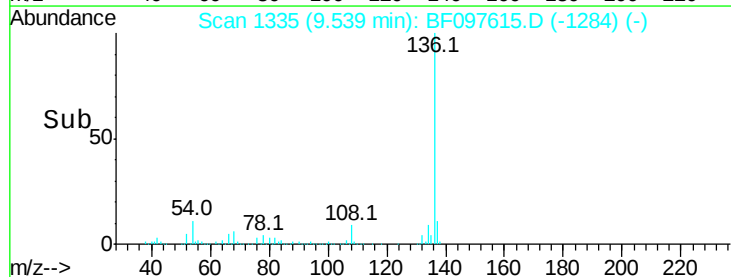
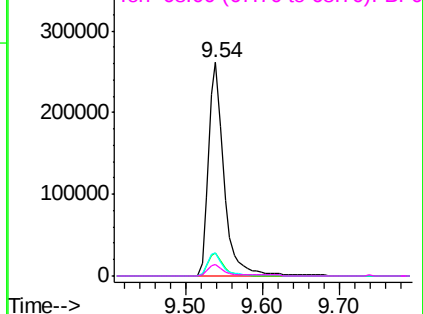


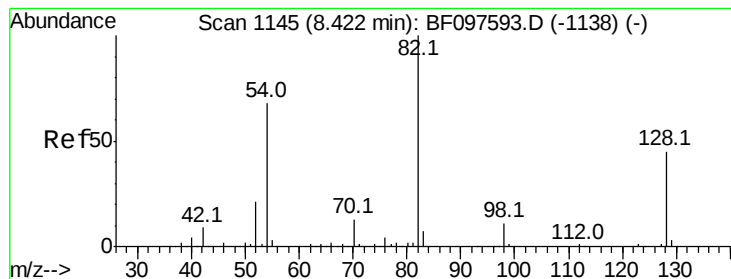
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.815 ng

RT: 8.42 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

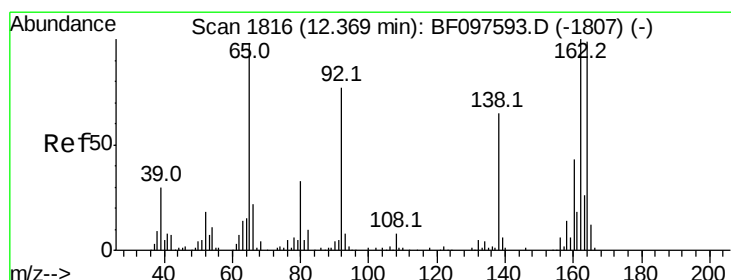
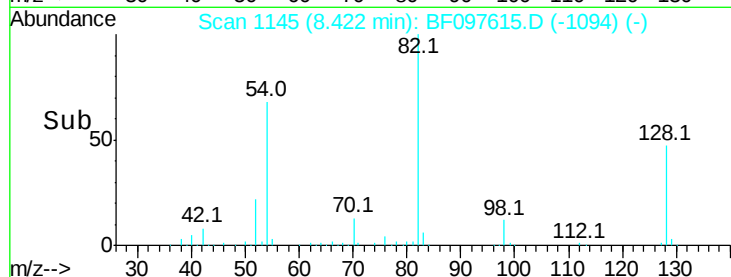
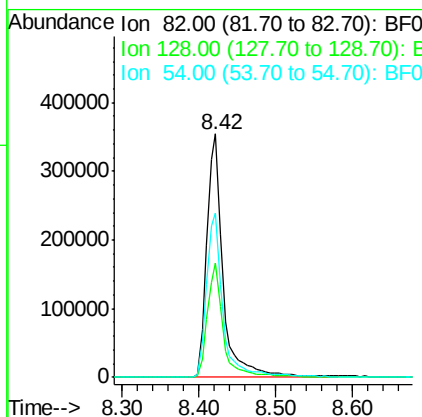
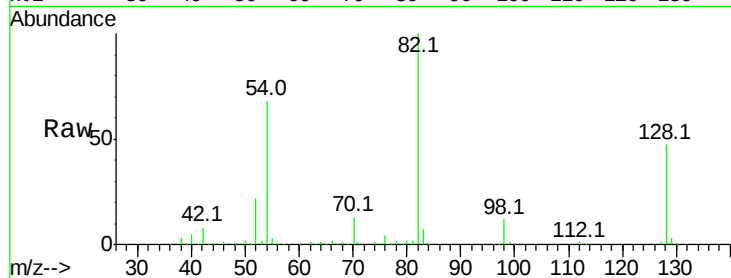
Tot Ion: 82 Resp: 519548

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

54 67.6 42.2 63.2#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.37 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

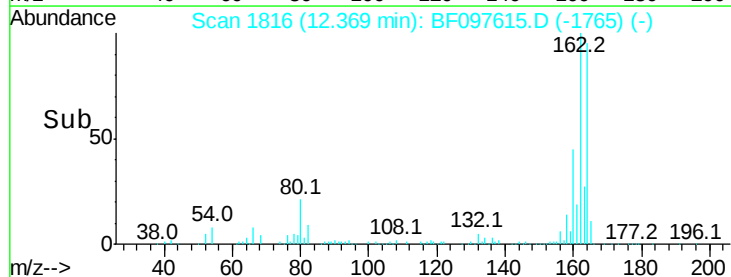
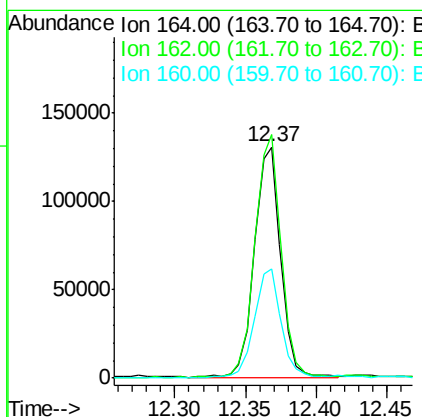
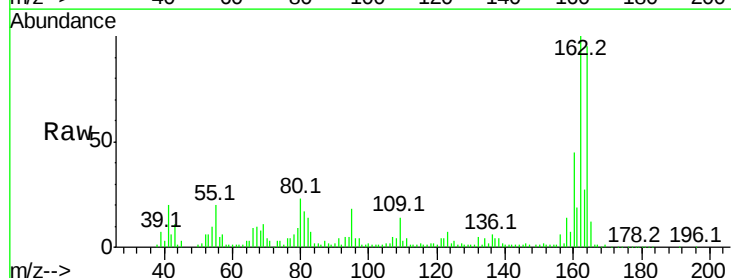
Tgt Ion:164 Resp: 170201

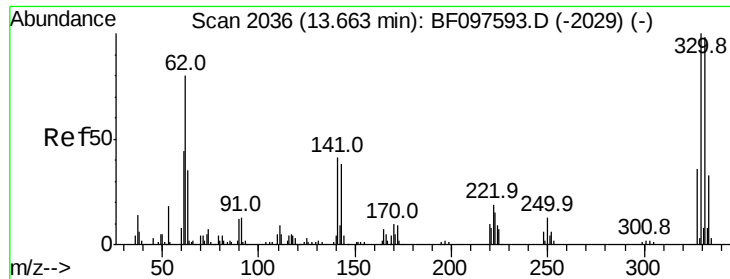
Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

160 47.3 36.2 54.2

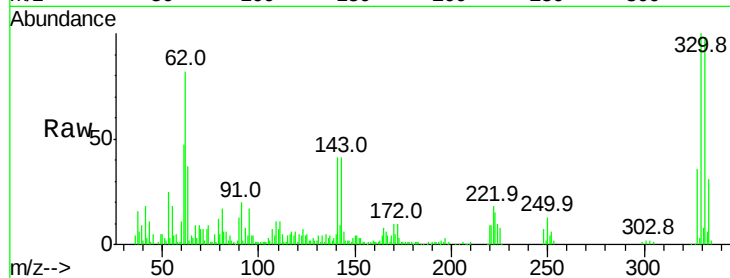




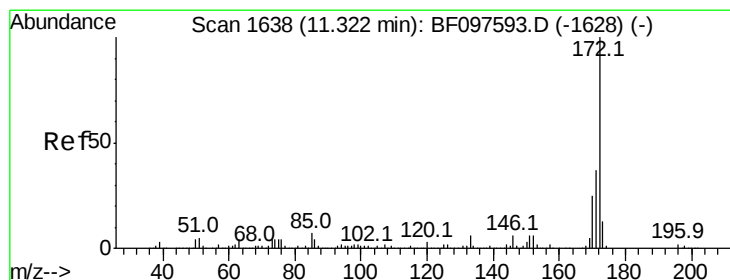
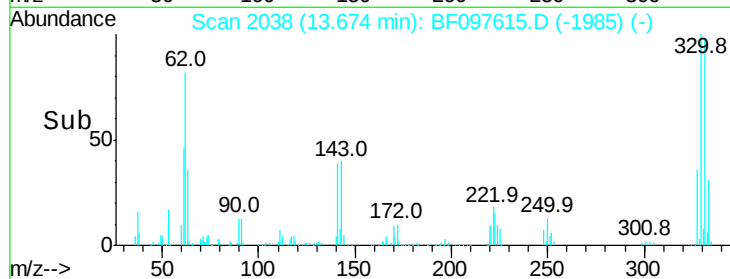
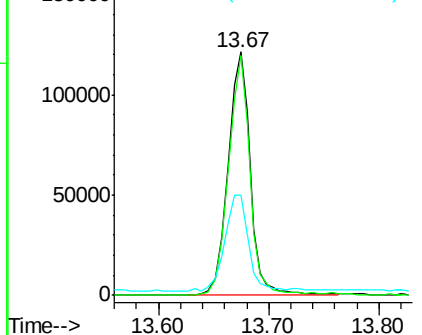
#41
 2,4,6-Tribromophenol
 Concen: 132.902 ng
 RT: 13.67 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF097615.D
 Acq: 12 Aug 2017 2:14

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-4

Tot Ion:330 Resp: 171954
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 41.7 31.4 47.2

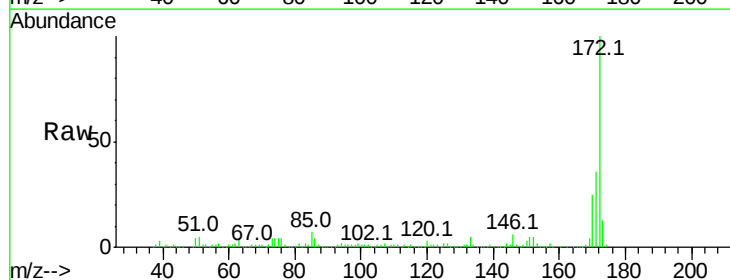


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

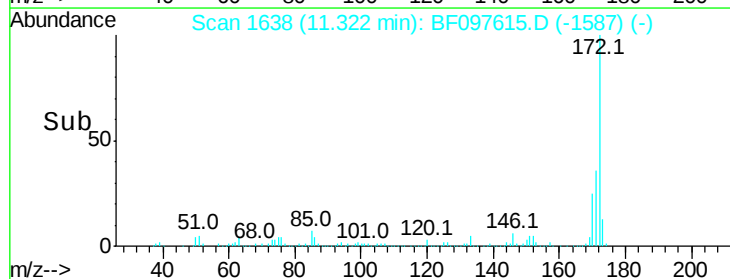
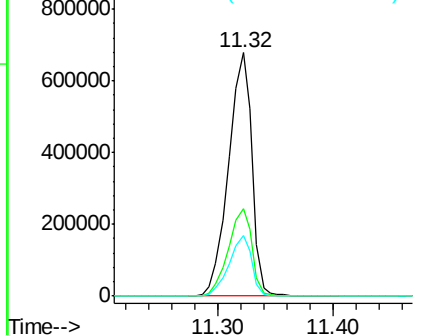


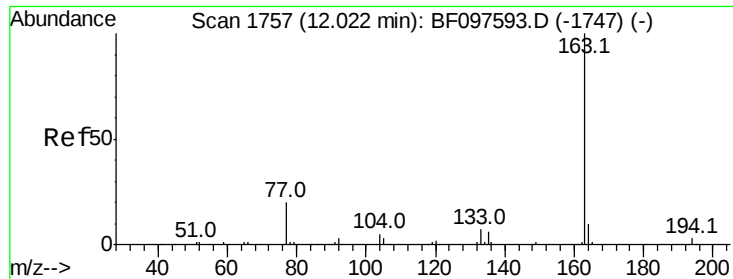
#44
 2-Fluorobiphenyl
 Concen: 84.416 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF097615.D
 Acq: 12 Aug 2017 2:14

Tgt Ion:172 Resp: 952016
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.9 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: 2.466 ng

RT: 12.02 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

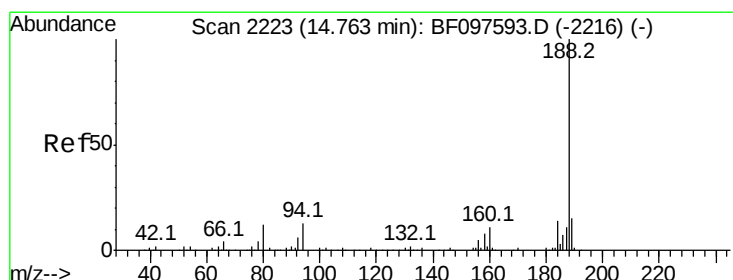
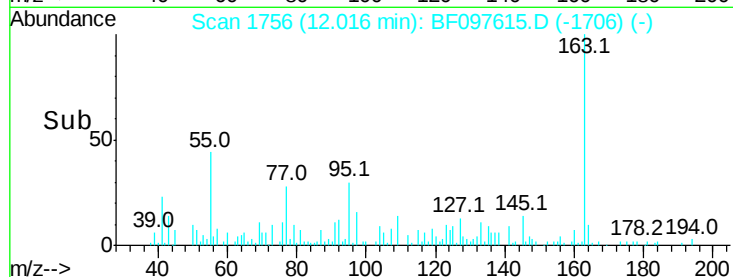
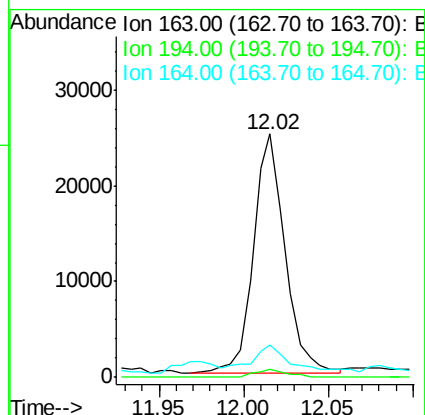
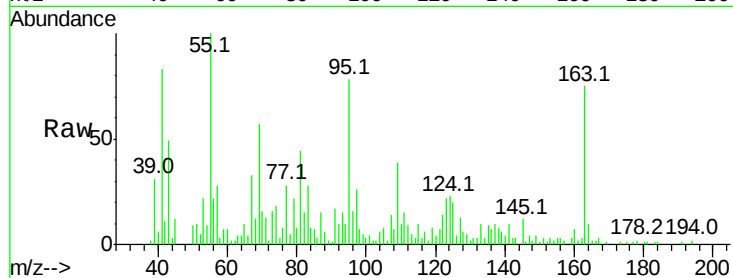
Tot Ion:163 Resp: 32343

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

164 13.1 8.4 12.6#



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

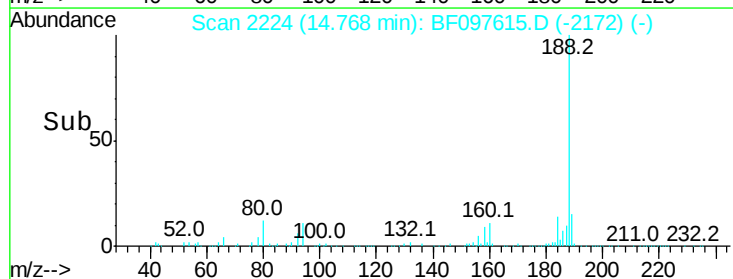
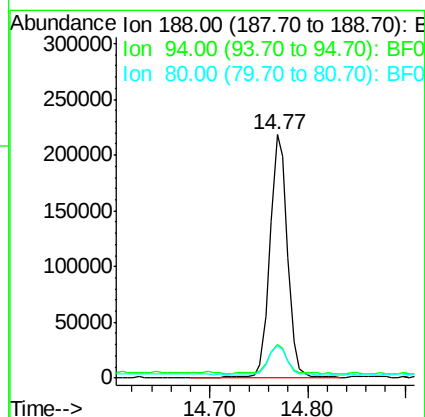
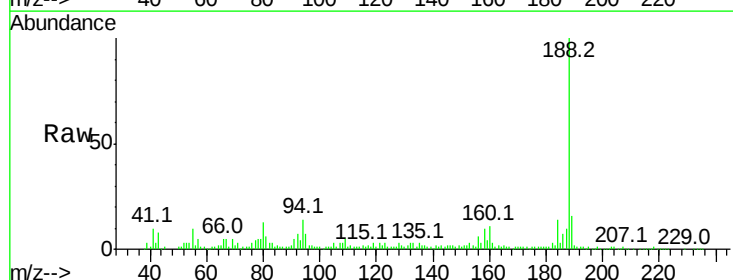
Tgt Ion:188 Resp: 277815

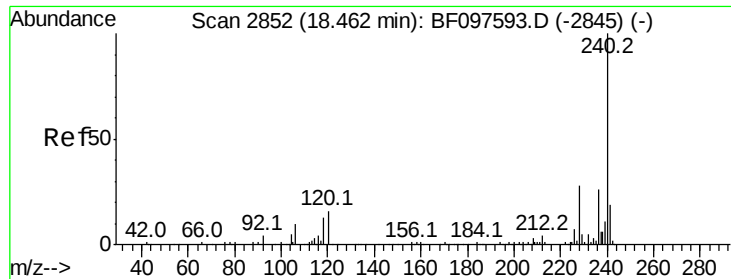
Ion Ratio Lower Upper

188 100

94 13.8 9.4 14.2

80 13.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.47 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

Instrument :

BNA_F

ClientSampleId :

VE-1-4

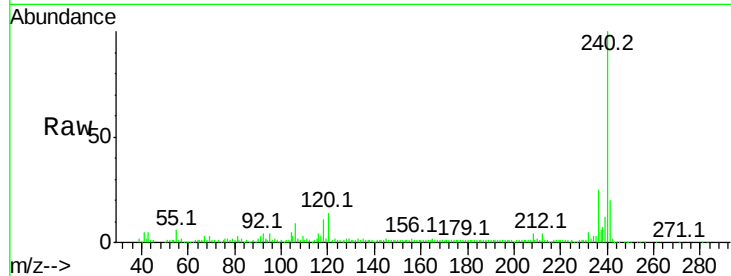
Tot Ion:240 Resp: 145656

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

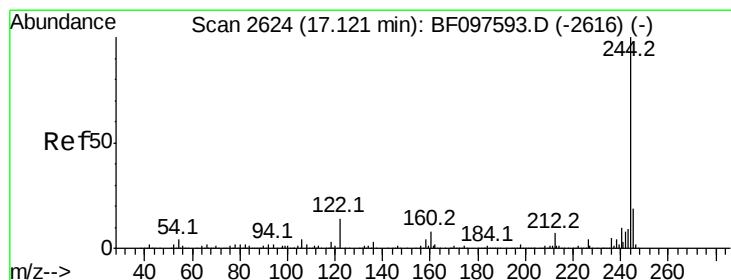
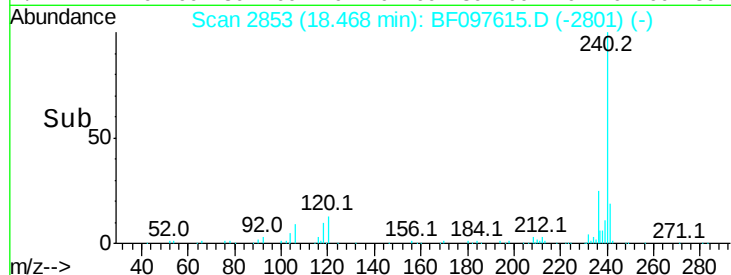
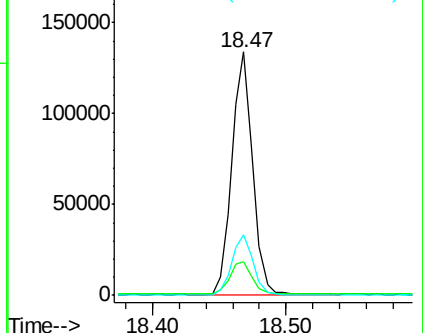
236 25.1 20.5 30.7



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: 83.404 ng

RT: 17.13 min Scan# 2625

Delta R.T. 0.01 min

Lab File: BF097615.D

Acq: 12 Aug 2017 2:14

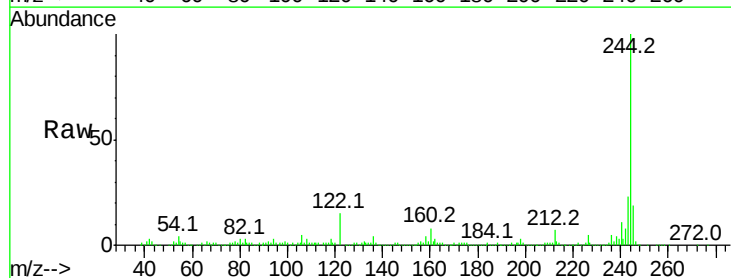
Tgt Ion:244 Resp: 586973

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

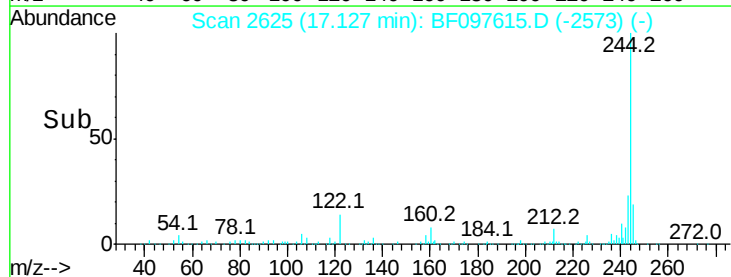
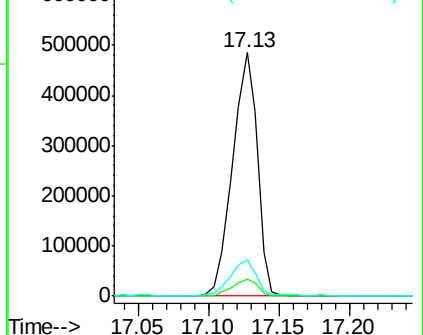
122 14.7 10.3 15.5

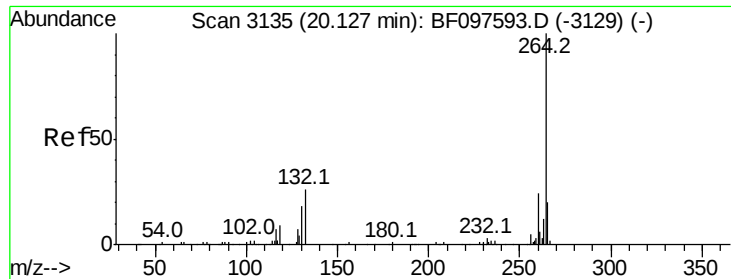


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.13 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BF097615.D
Acq: 12 Aug 2017 2:14

Instrument :
BNA_F
ClientSampleId :
VE-1-4

Tot Ion: 264 Resp: 134353

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.5	17.2	25.8

