

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099715.D
 Acq On : 20 Oct 2017 23:17
 Operator : SJ/JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 21 21:27:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.82
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.10
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.86
63) Phenanthrene-d10	11.58	188	114	20.00	ng	0.24
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.99
86) Perylene-d12	0.00	264	0	0.00	ng	-15.44

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units
5) 2-Fluorophenol	0.00	112	0	0.00	ng
7) Phenol-d6	0.00	99	0	0.00	ng
23) Nitrobenzene-d5	0.00	82	0	0.00	ng
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng
78) Terphenyl-d14	0.00	244	0	0.00	ng

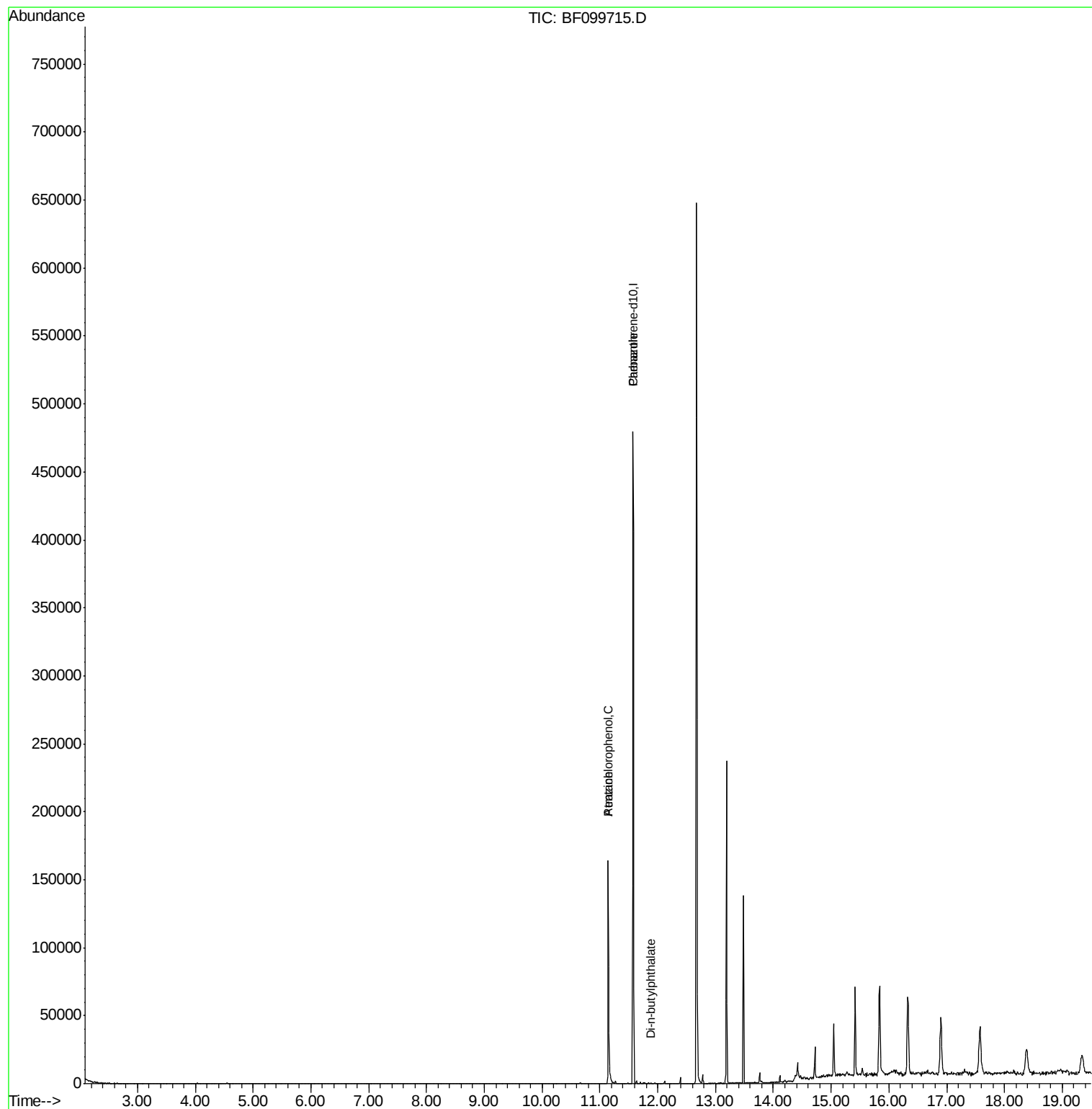
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.14	200	4215	3547.318	ng	# 37
69) Pentachlorophenol	11.14	266	22489	30319.746	ng	99
72) Carbazole	11.57	167	2172	355.239	ng	# 77
73) Di-n-butylphthalate	11.89	149	413	56.118	ng	# 78

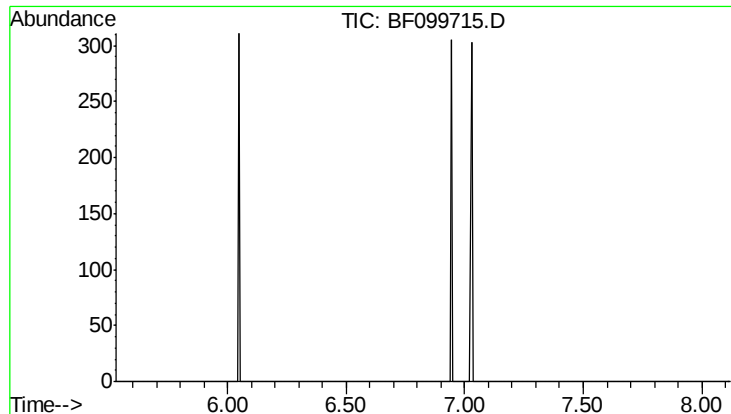
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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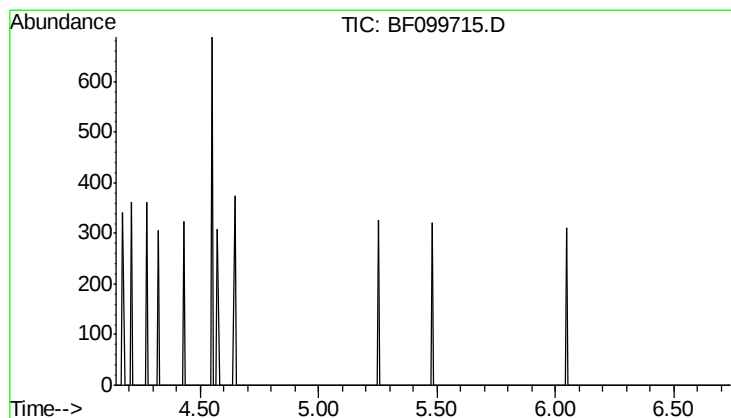
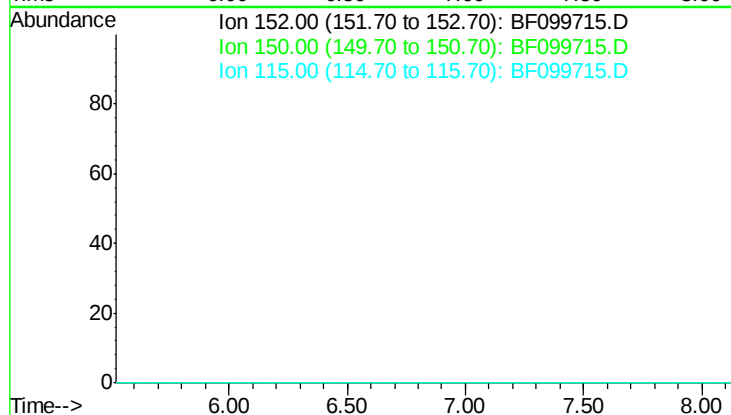




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.82 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

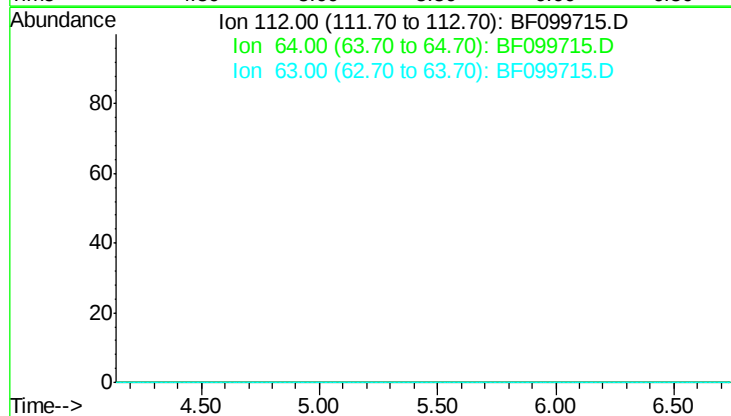
Instrument :
 BNA_F
 ClientSampleId :

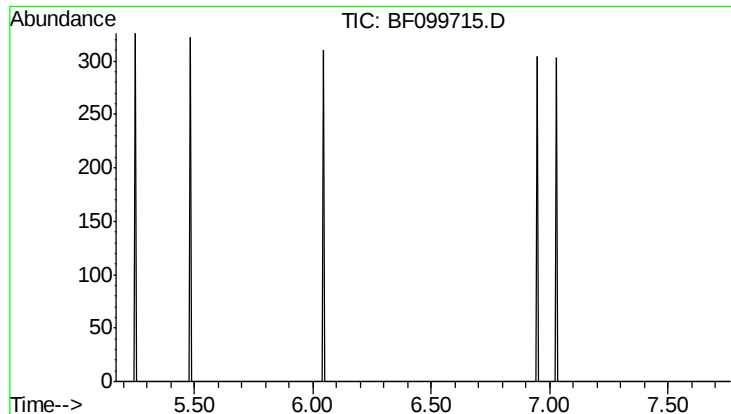
Tot Ion	152
Sig	Exp Ratio
152	100
150	155.7
115	62.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.44 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Tgt Ion	112
Sig	Exp Ratio
112	100
64	59.9
63	29.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.46 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

Instrument :

BNA_F

ClientSampleId :

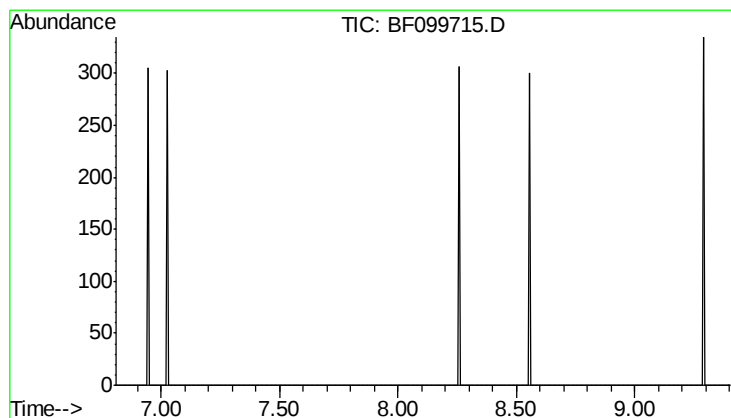
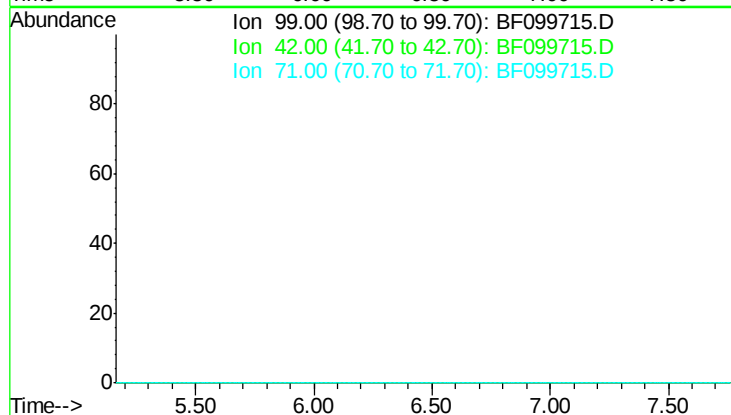
Tot Ion: 99

Sig Exp Ratio

99 100

42 18.1

71 31.7



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.10 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

Tgt Ion: 136

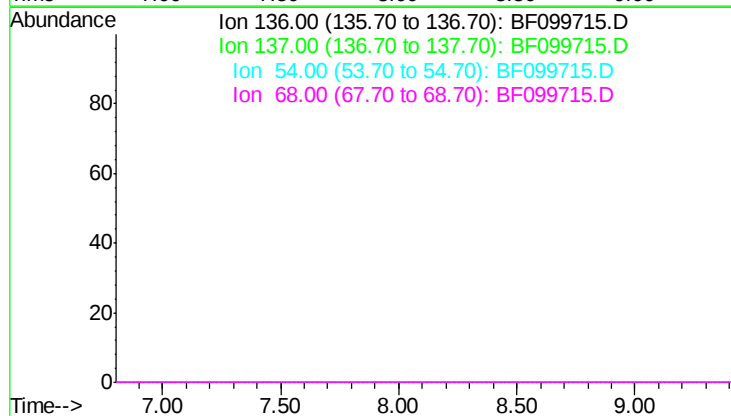
Sig Exp Ratio

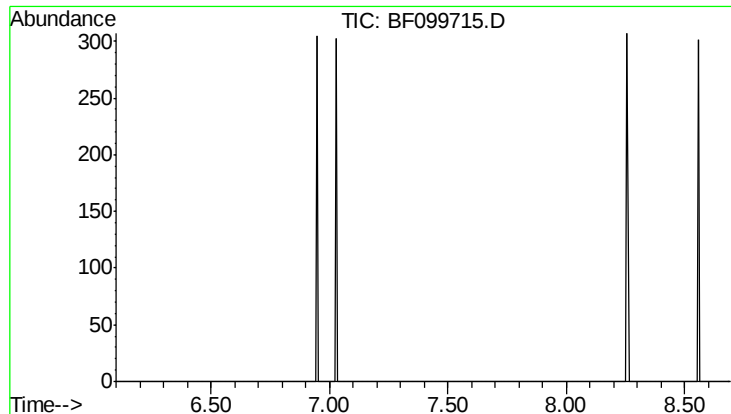
136 100

137 11.1

54 8.2

68 6.2

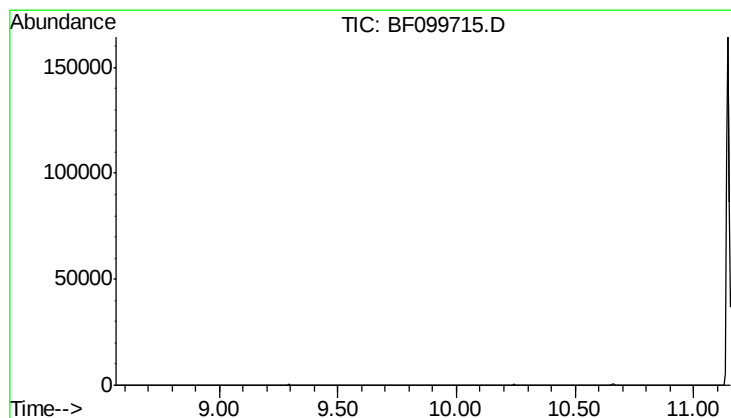
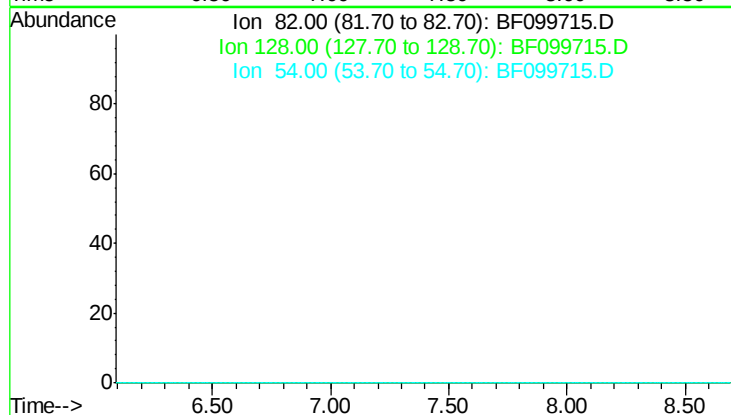




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.39 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

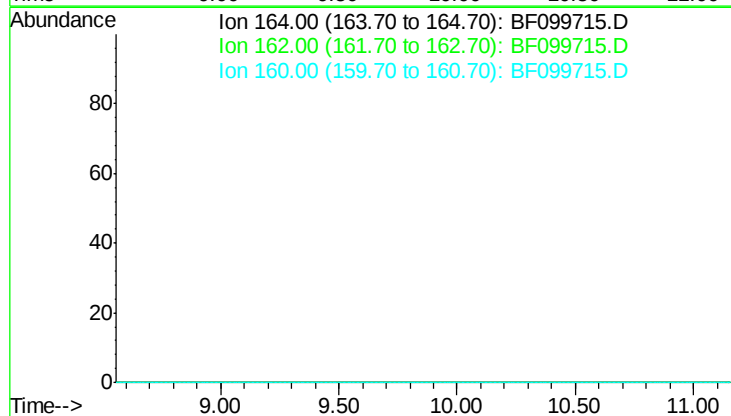
Instrument :
 BNA_F
 ClientSampleId :

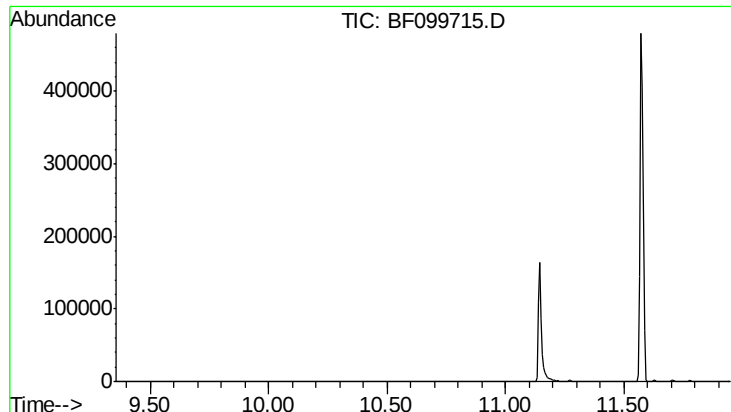
Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.86 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Tgt Ion	164
Sig	Exp Ratio
164	100
162	107.6
160	47.9

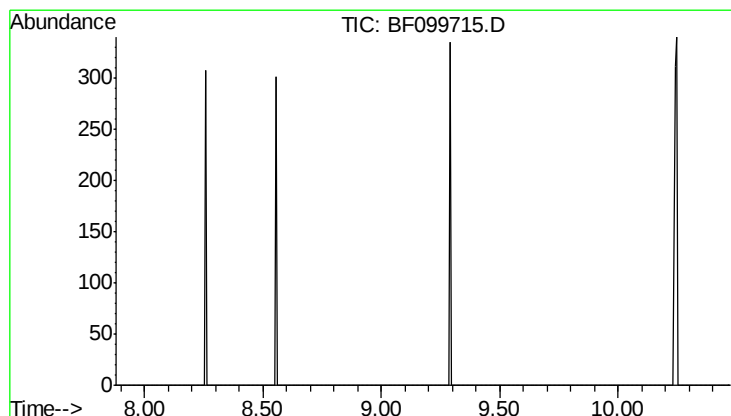
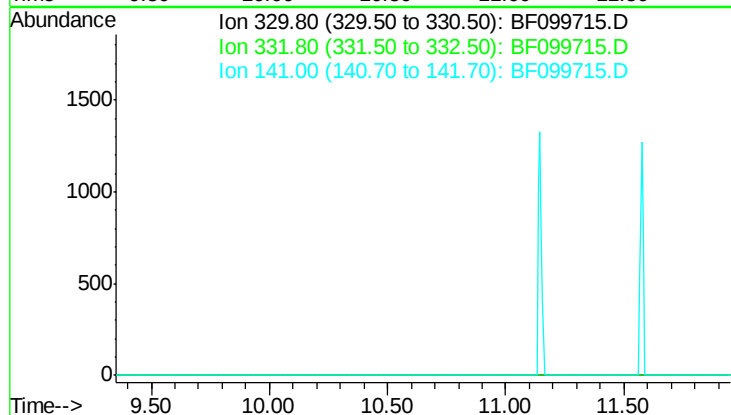




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

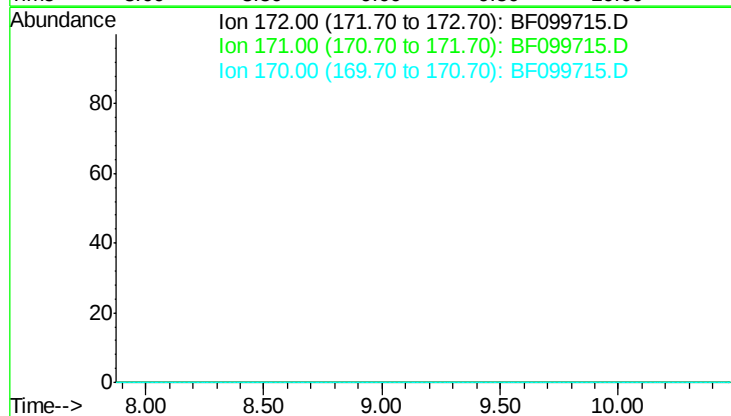
Instrument :
 BNA_F
 ClientSampleId :

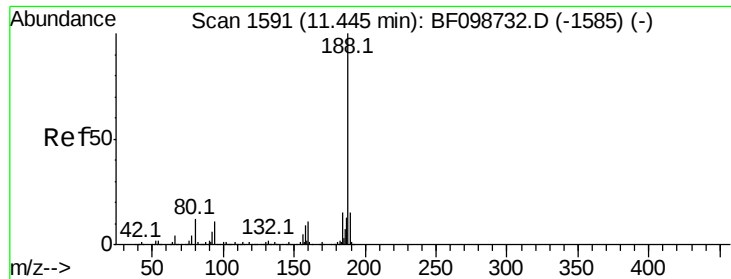
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.17 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.24 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

Instrument :

BNA_F

ClientSampleId :

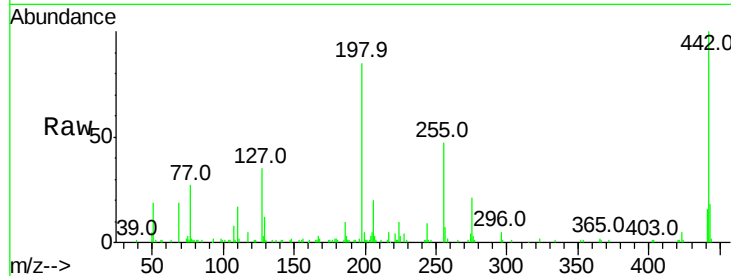
Tot Ion:188 Resp: 114

Ion Ratio Lower Upper

188 100

94 0.0 8.5 12.7#

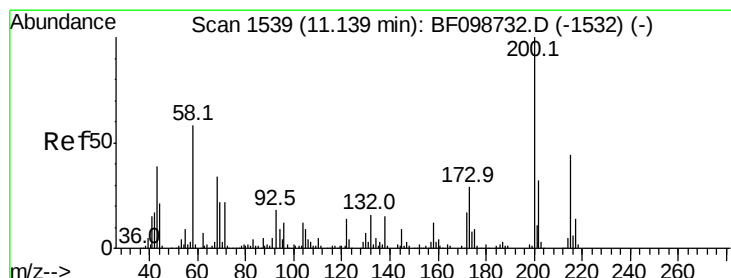
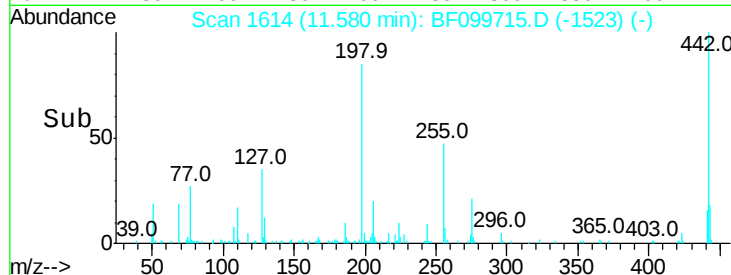
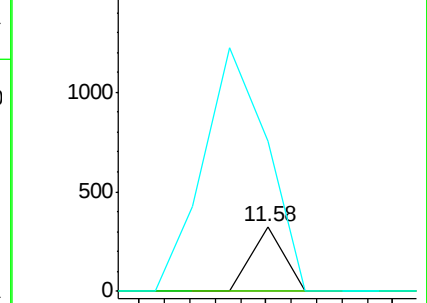
80 232.1 9.2 13.8#



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



#68

Atrazine

Concen: 3547.318 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.11 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

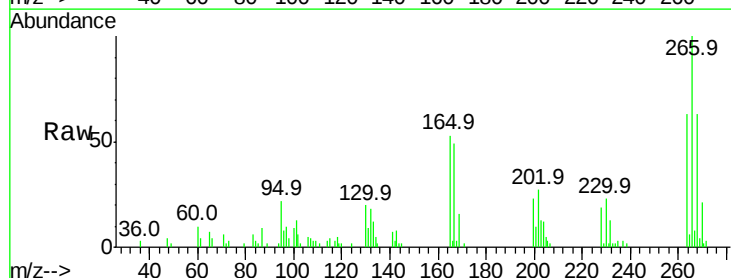
Tgt Ion:200 Resp: 4215

Ion Ratio Lower Upper

200 100

173 0.0 8.6 48.6#

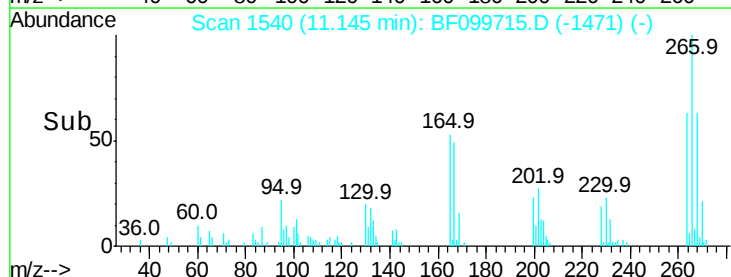
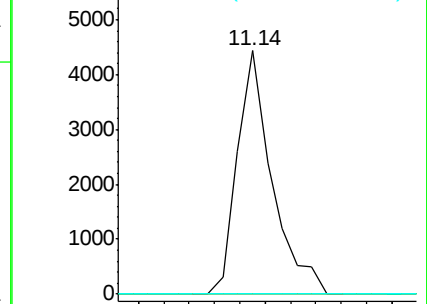
215 0.0 25.1 65.1#

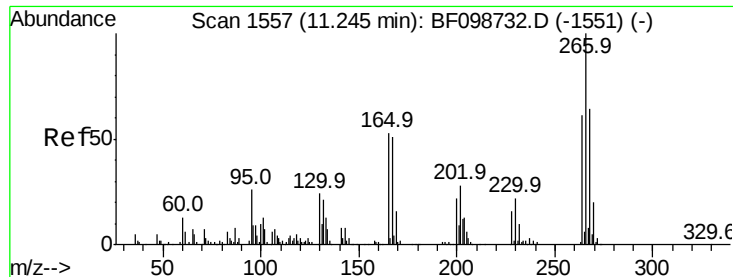


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

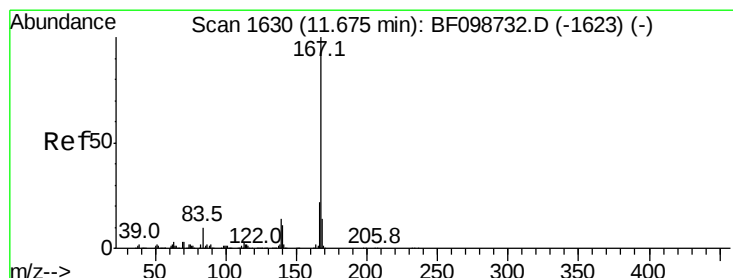
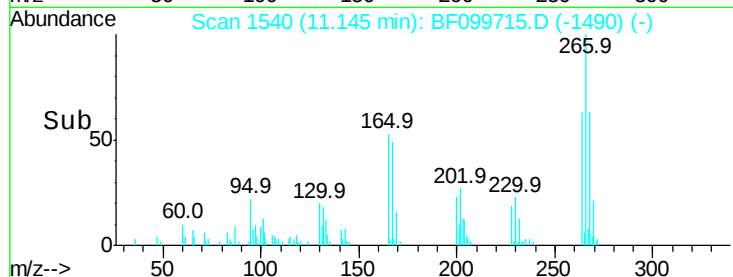
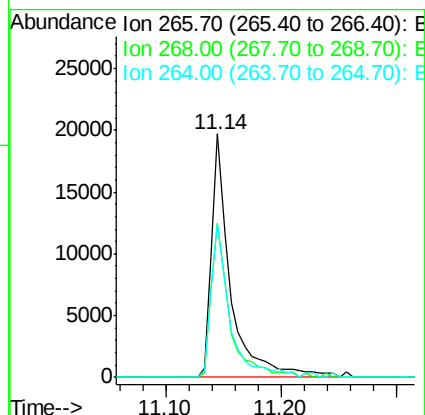
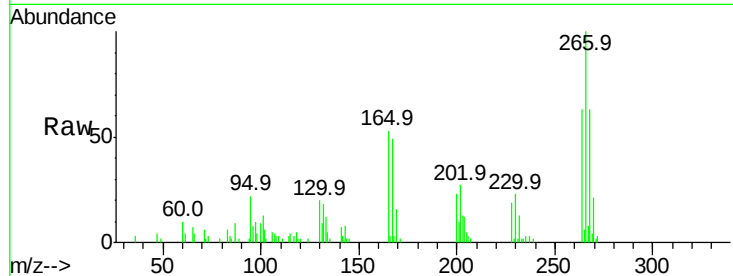




#69
 Pentachlorophenol
 Concen: 30319.746 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

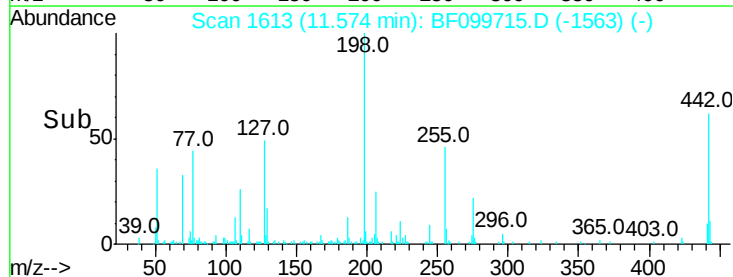
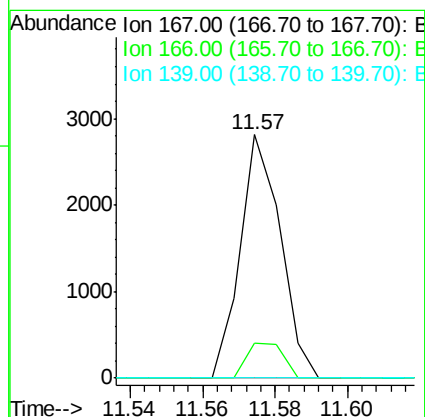
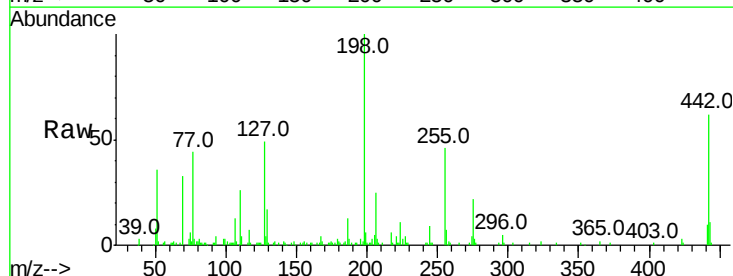
Instrument :
 BNA_F
 ClientSampleId :

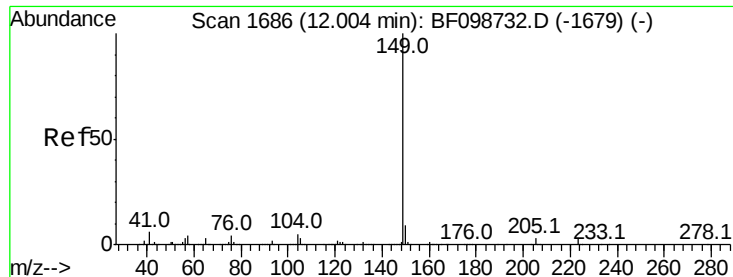
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.5	49.5	74.3



#72
 Carbazole
 Concen: 355.239 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	14.2	17.6	26.4#
139	0.0	10.9	16.3#





#73

Di-n-butylphthalate

Concen: 56.118 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

Instrument :

BNA_F

ClientSampleId :

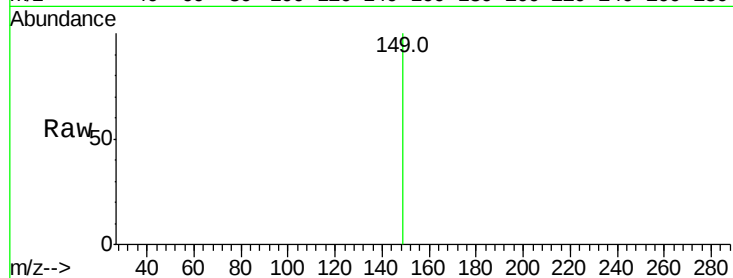
Tot Ion:149 Resp: 413

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

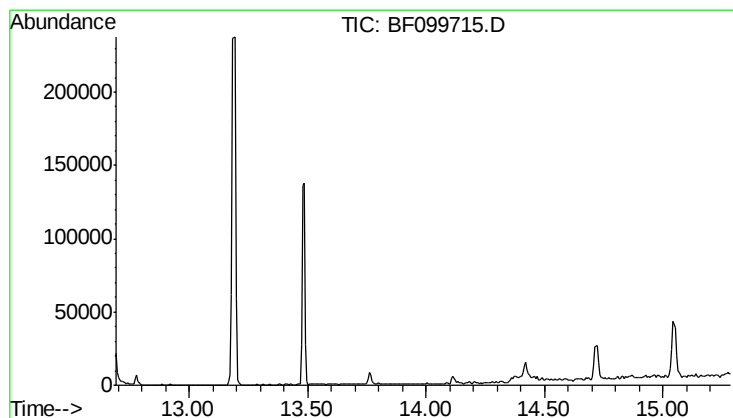
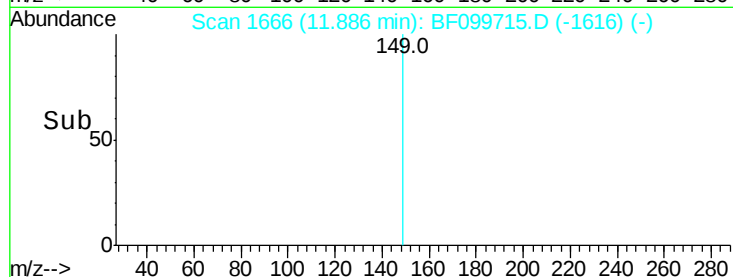
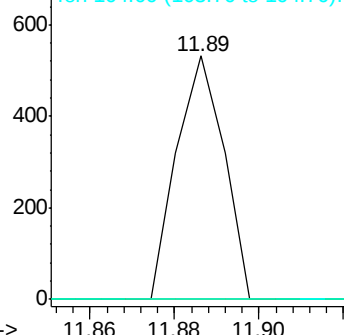
104 0.0 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 0.000 ng

Expected RT: 13.99 min

Lab File: BF099715.D

Acq: 20 Oct 2017 23:17

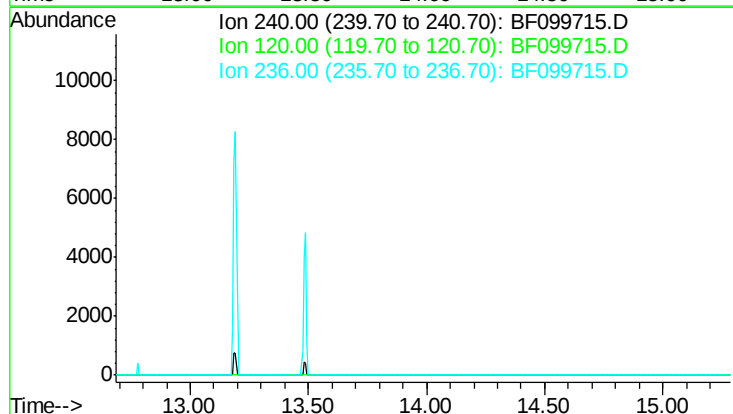
Tgt Ion: 240

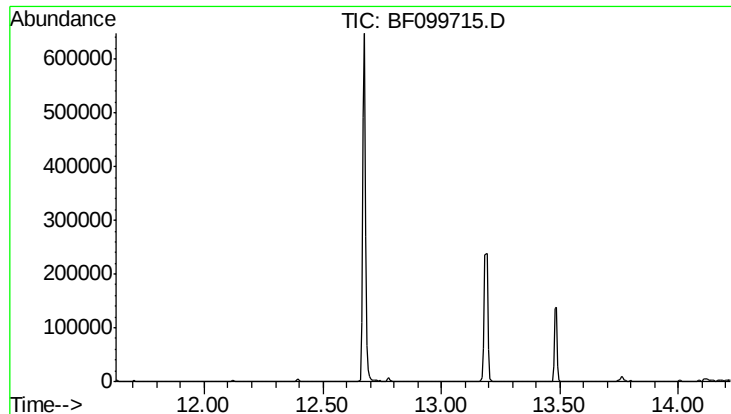
Sig Exp Ratio

240 100

120 11.9

236 25.9

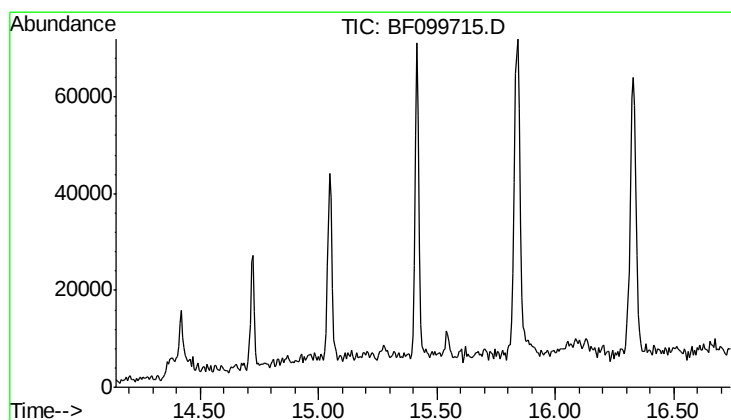
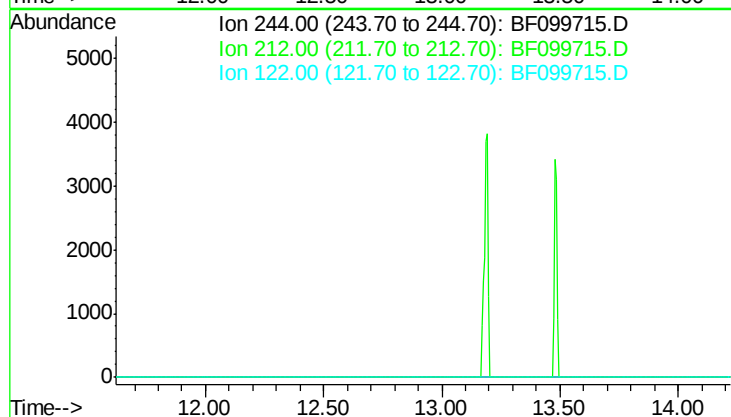




#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.92 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 6.7
 122 13.7



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.44 min
 Lab File: BF099715.D
 Acq: 20 Oct 2017 23:17

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.0
 265 21.9

