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 Data File : BF103482.D
 Acq On : 7 Mar 2018 3:13
 Operator : SJ/JU
 Sample : J1822-01 100X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 07 06:35:04 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

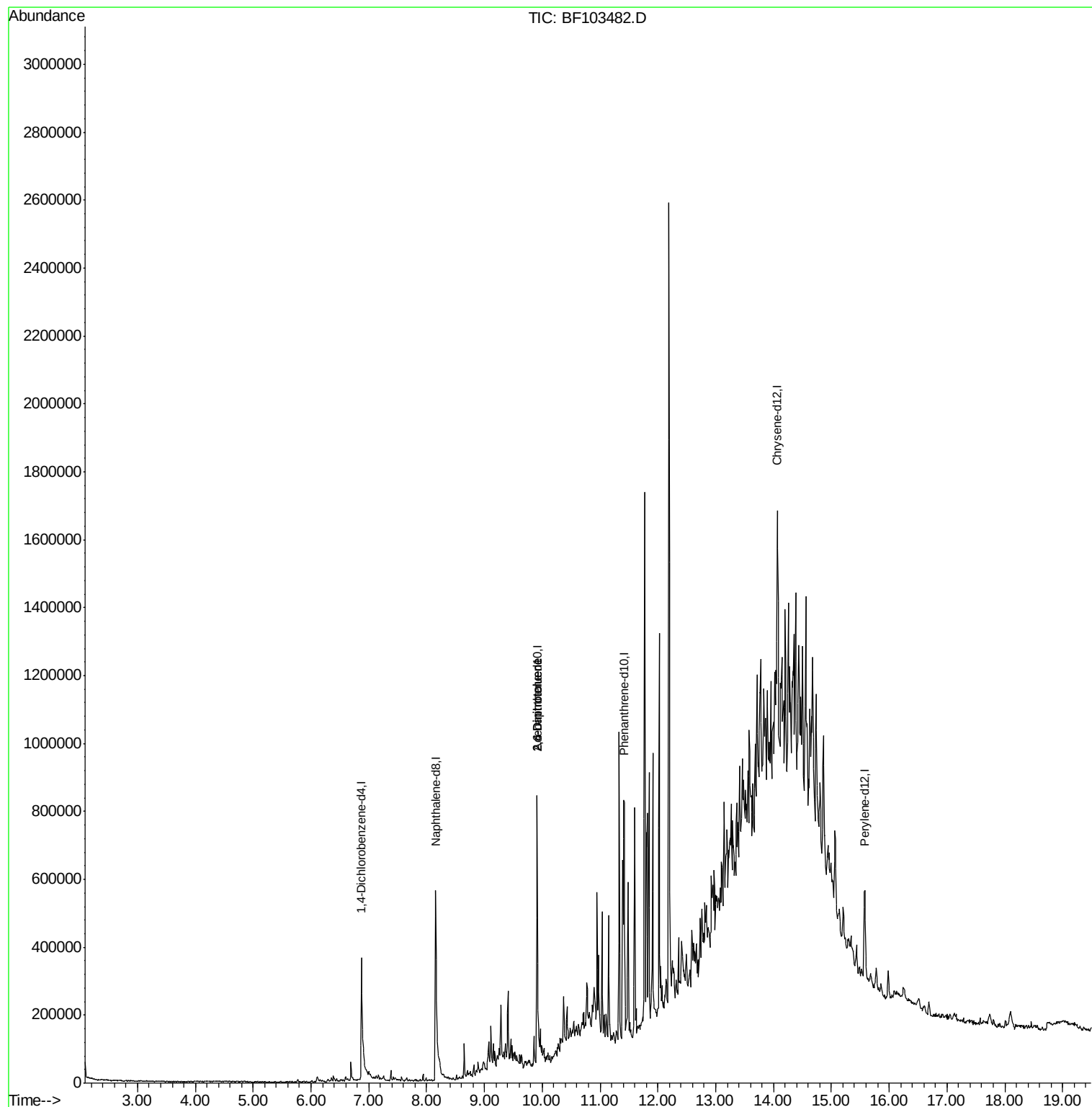
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114710	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	502258	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	193467	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	288635	20.00	ng	0.00
75) Chrysene-d12	14.06	240	175119	20.00	ng	0.00
86) Perylene-d12	15.58	264	146842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.36	99	139	0.01	ng	-0.16
23) Nitrobenzene-d5	7.49	82	119	0.01	ng	0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.24	172	1396	-1.00	ng	0.01
78) Terphenyl-d14	12.99	244	2253	0.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	108	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.91	165	23969	7.359	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	23970	5.819	ng	# 23

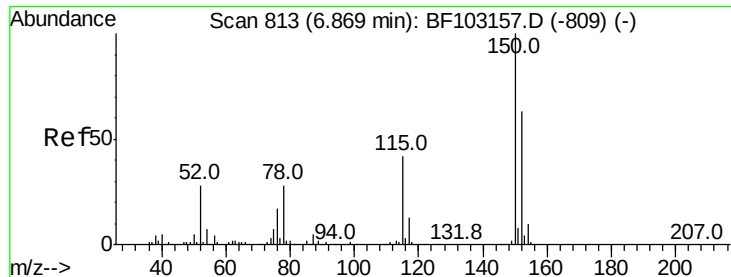
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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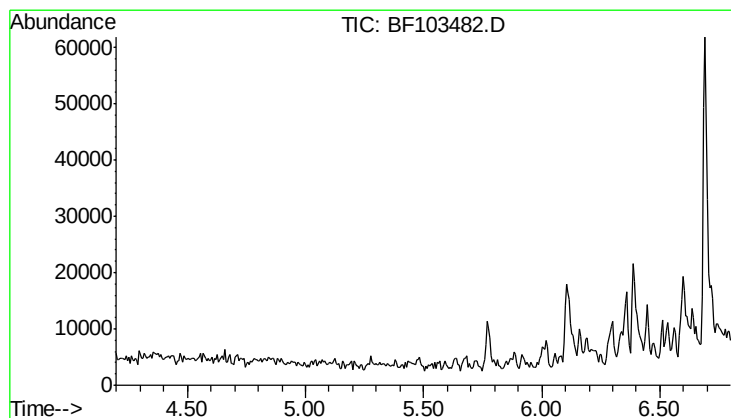
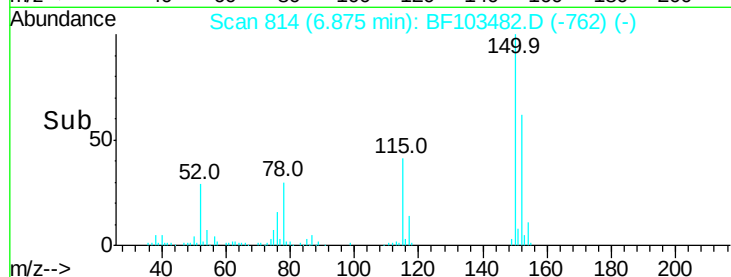
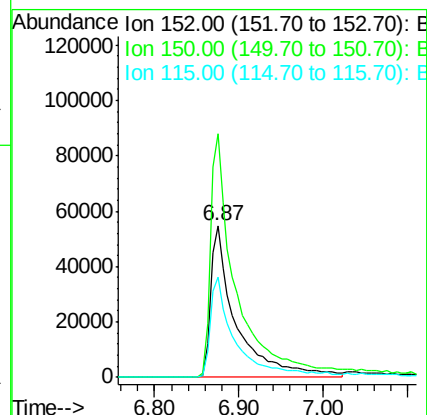
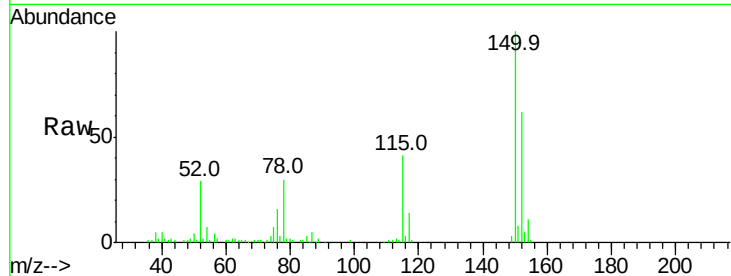




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Instrument :
 BNA_F
 ClientSampleId :

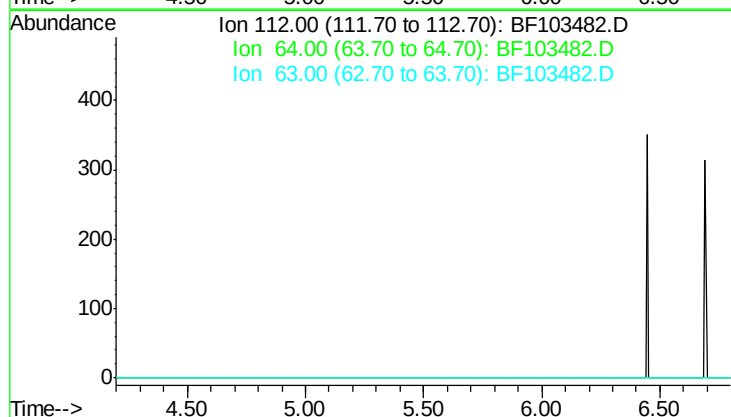
Tot Ion:152 Resp: 114710
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 66.3 50.1 75.1

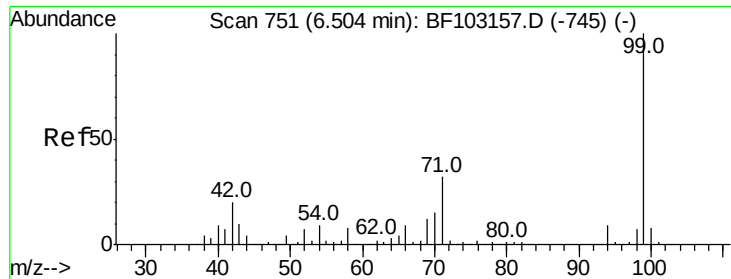


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.50 min

Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

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





#7

Phenol-d6

Concen: 0.015 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.16 min

Lab File: BF103482.D

Acq: 7 Mar 2018 3:13

Instrument :

BNA_F

ClientSampled :

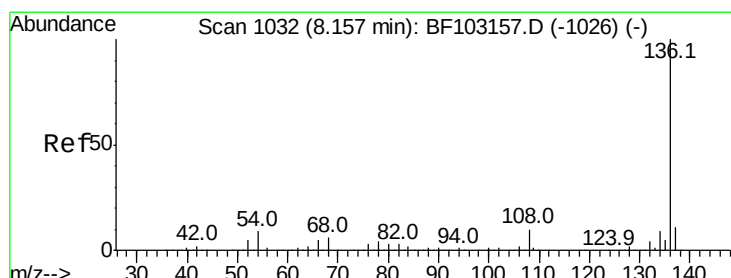
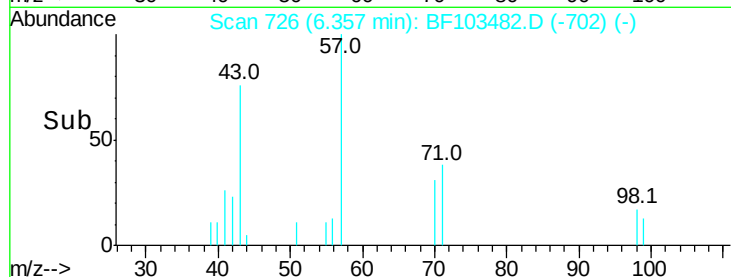
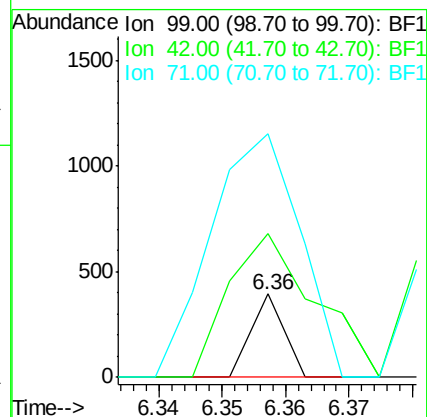
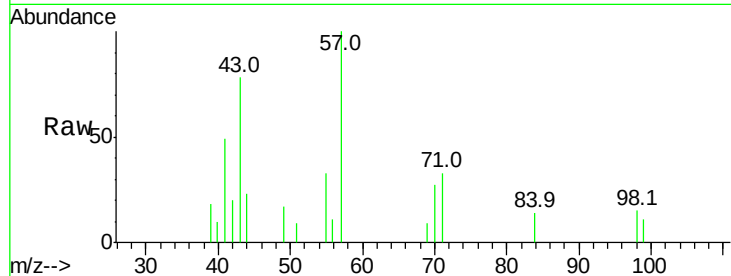
Tot Ion: 99 Resp: 139

Ion Ratio Lower Upper

99 100

42 172.7 14.5 21.7#

71 291.9 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF103482.D

Acq: 7 Mar 2018 3:13

Tgt Ion: 136 Resp: 502258

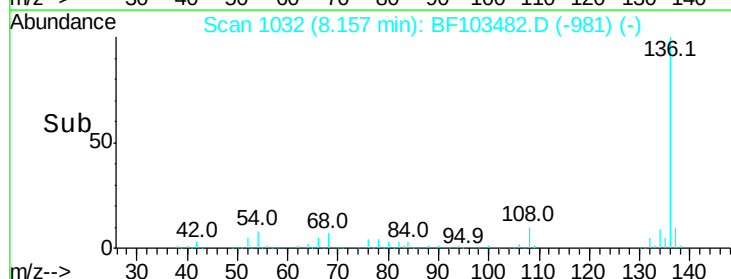
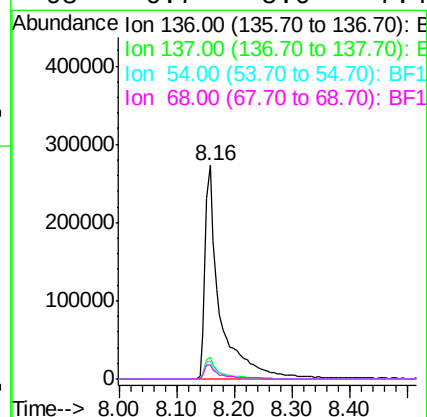
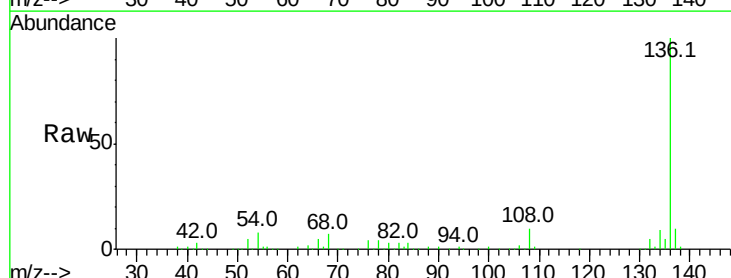
Ion Ratio Lower Upper

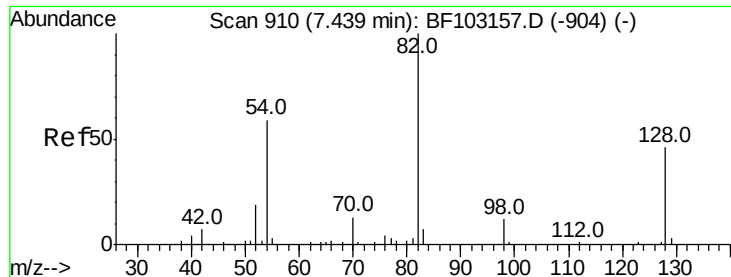
136 100

137 10.3 8.9 13.3

54 8.4 6.6 9.8

68 6.7 5.0 7.4

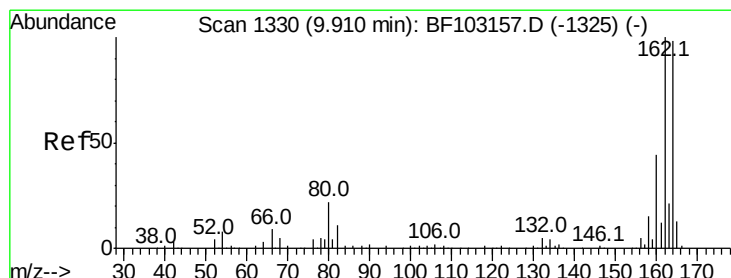
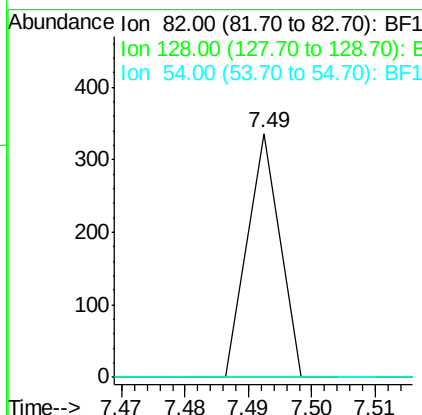
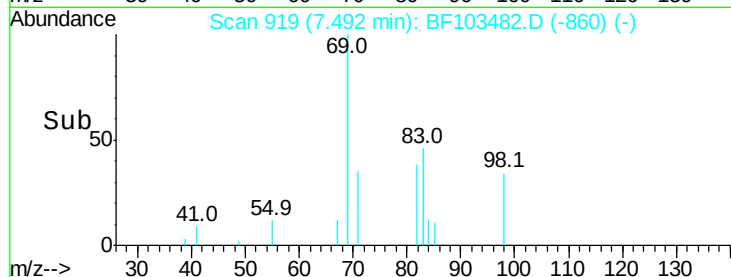
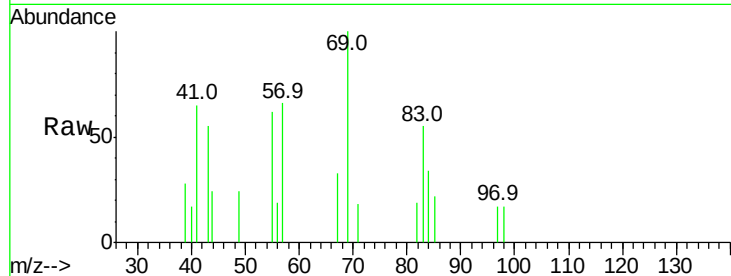




#23
 Nitrobenzene-d5
 Concen: 0.014 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.05 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

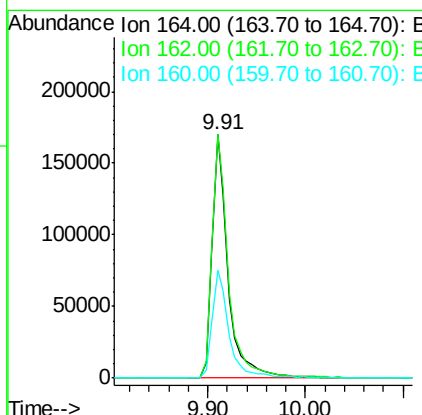
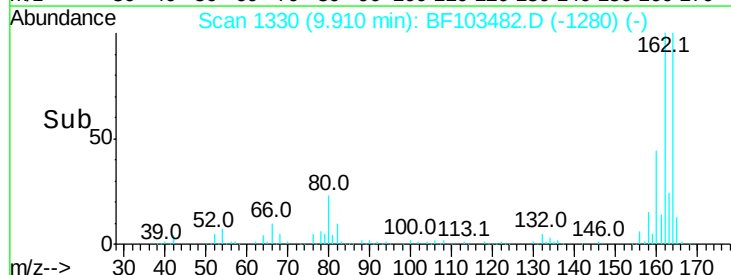
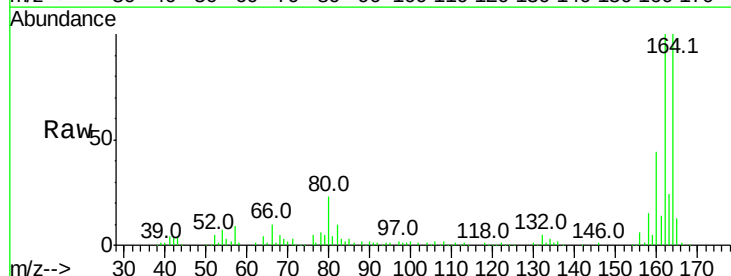
Instrument :
 BNA_F
 ClientSampleId :

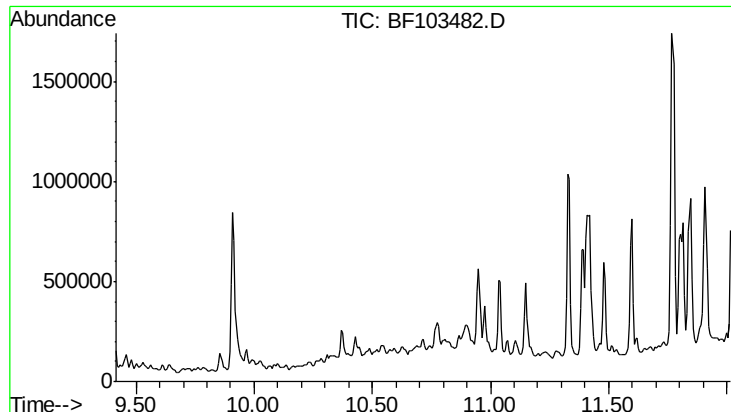
Tot Ion: 82 Resp: 119
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 0.0 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Tgt Ion:164 Resp: 193467
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.1 129.1
 160 44.4 38.3 57.5

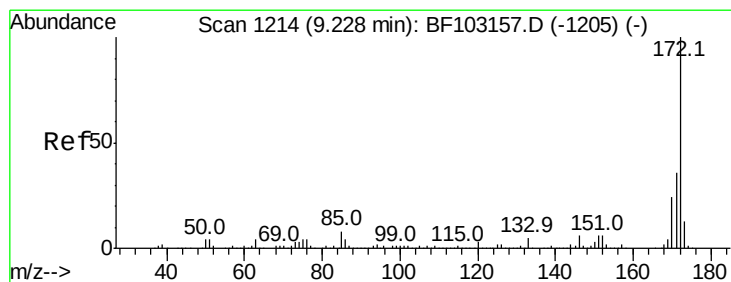
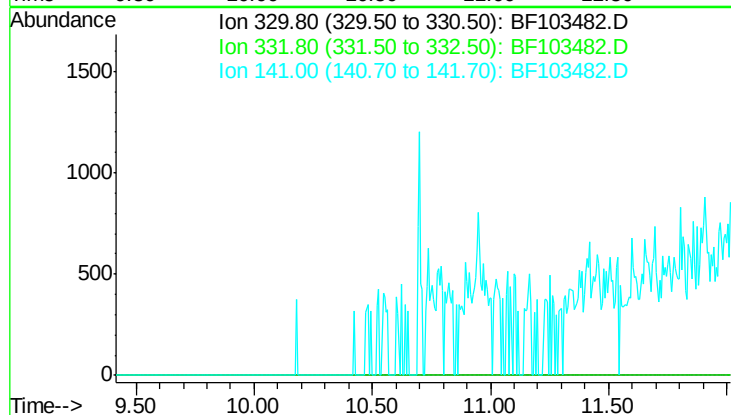




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.72 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

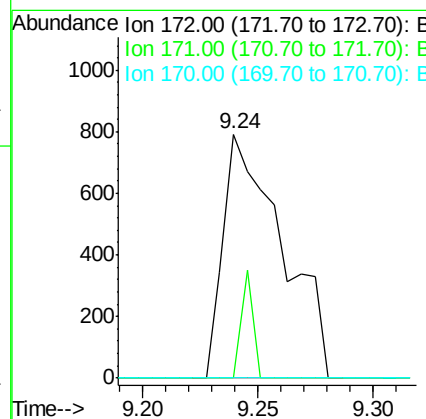
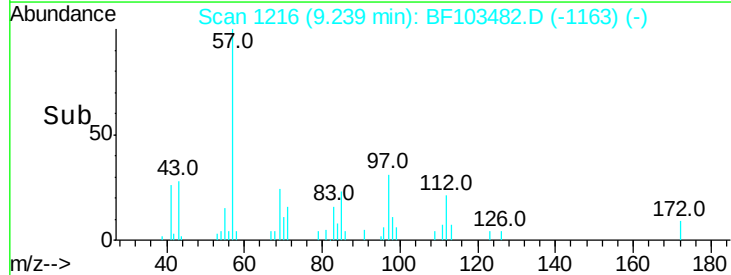
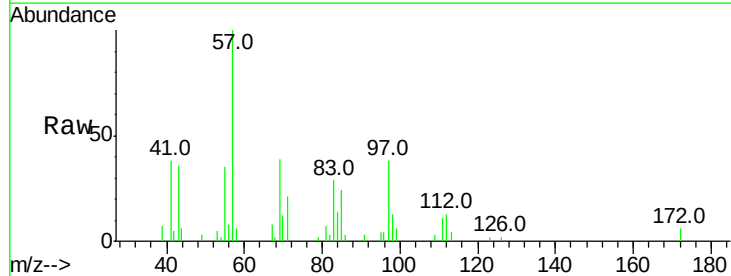
Instrument :
 BNA_F
 ClientSampleId :

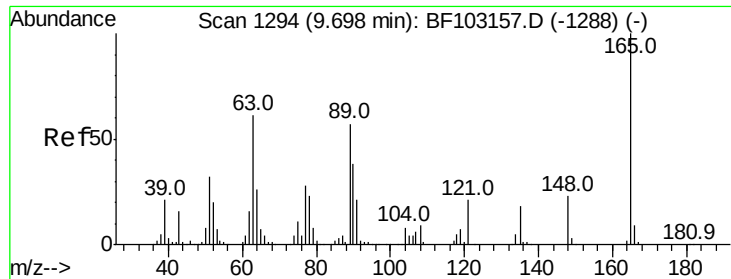
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: -1.000 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Tgt Ion: 172 Resp: 1396
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.7 44.5#
 170 0.0 19.6 29.4#

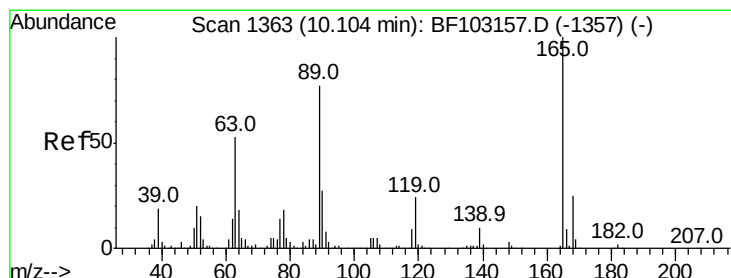
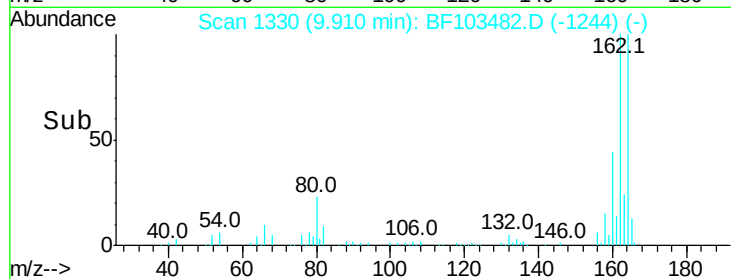
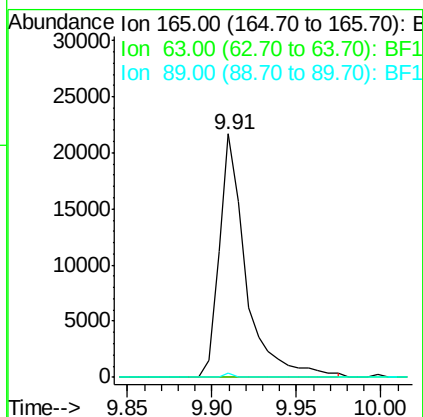
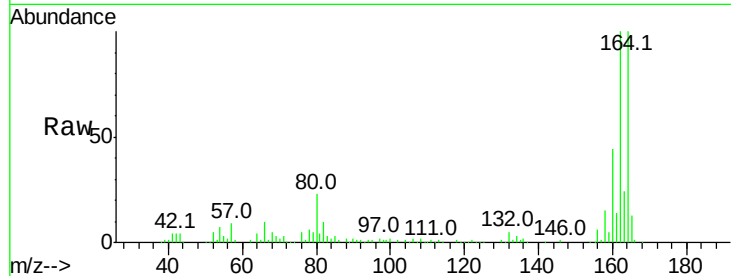




#50
 2,6-Dinitrotoluene
 Concen: 7.359 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

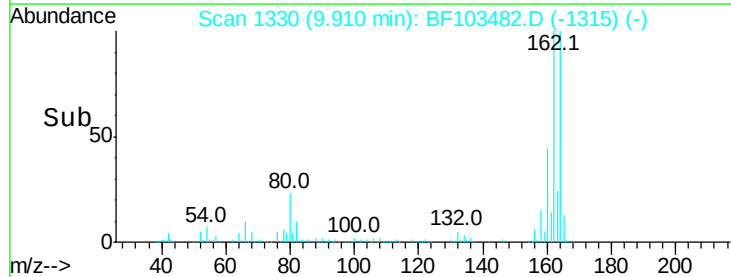
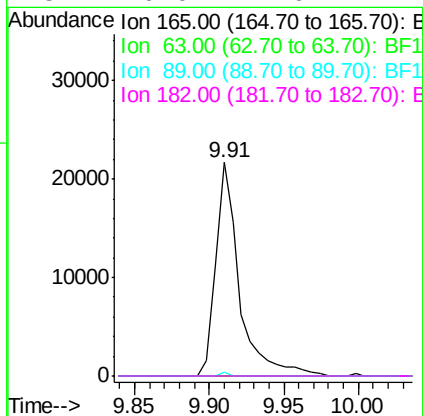
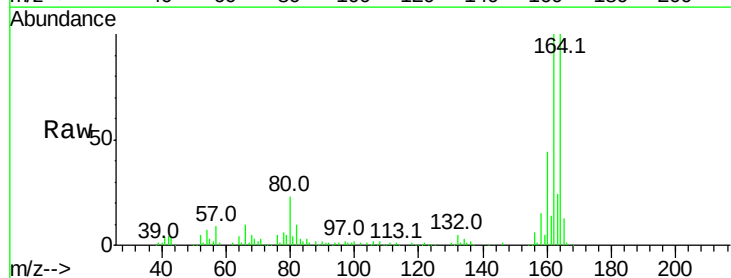
Instrument :
 BNA_F
 ClientSampleId :

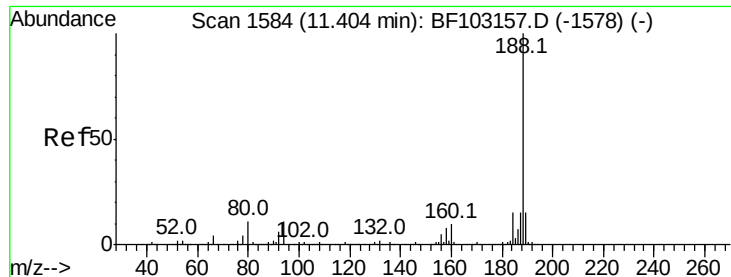
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.819 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.21 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103482.D

Acq: 7 Mar 2018 3:13

Instrument :

BNA_F

ClientSampleId :

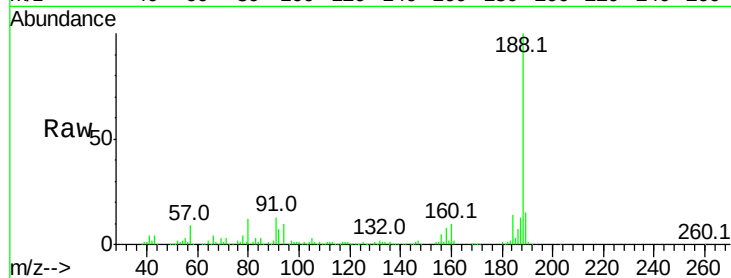
Tot Ion:188 Resp: 288635

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

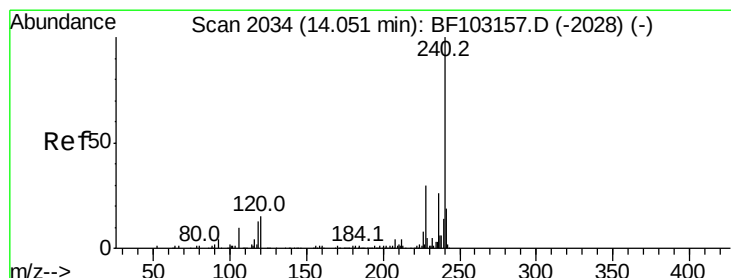
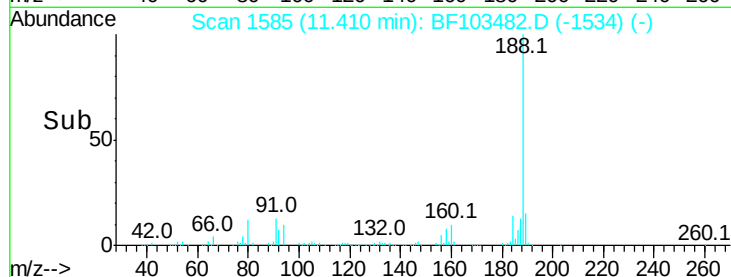
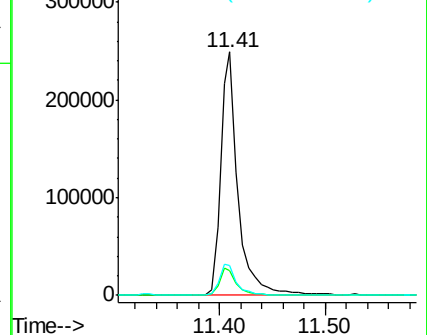
80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103482.D

Acq: 7 Mar 2018 3:13

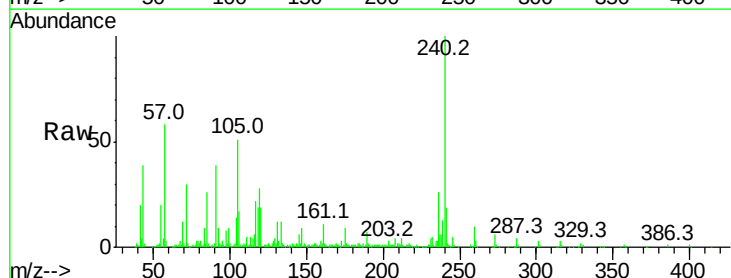
Tgt Ion:240 Resp: 175119

Ion Ratio Lower Upper

240 100

120 18.8 9.5 14.3#

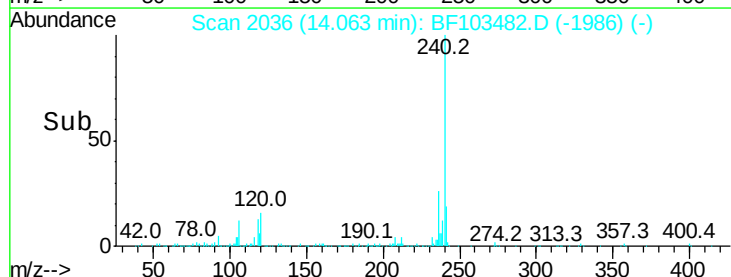
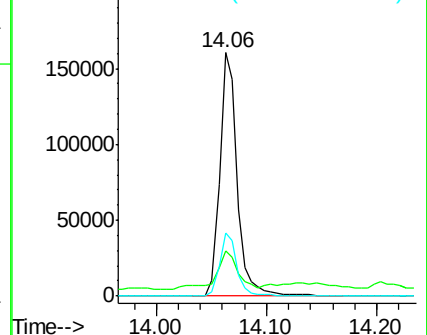
236 26.1 20.7 31.1

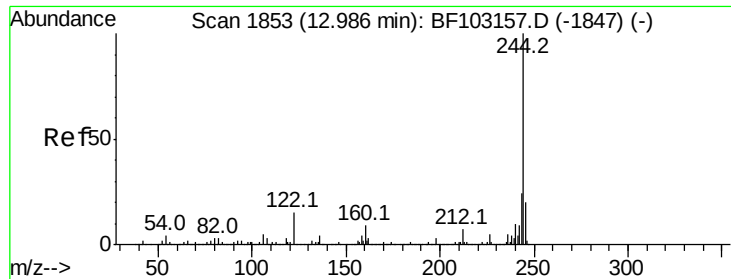


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

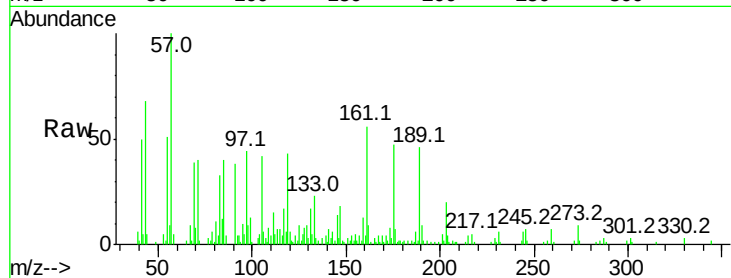




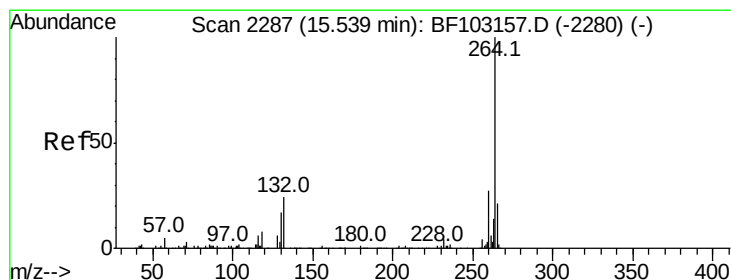
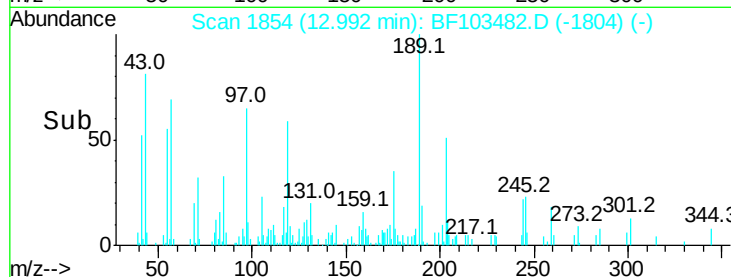
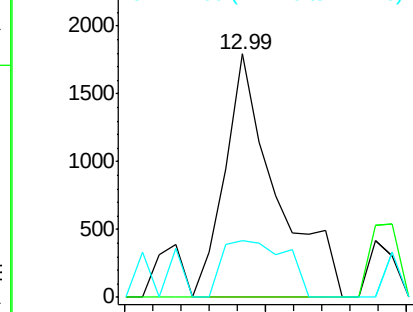
#78
 Terphenyl-d14
 Concen: 0.309 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2253
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.4 8.0#
 122 23.4 11.0 16.4#

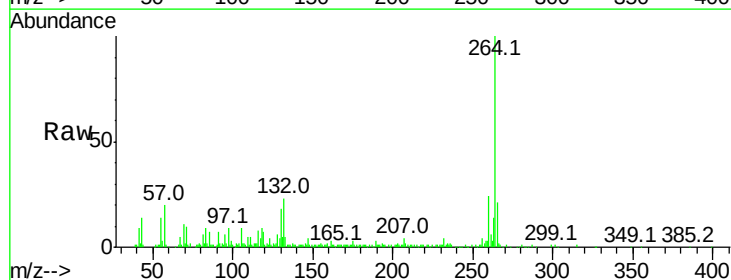


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF103482.D
 Acq: 7 Mar 2018 3:13

Tgt Ion:264 Resp: 146842
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.5 17.5 26.3



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

