

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109795.D
 Acq On : 11 Oct 2018 19:09
 Operator : JU/SJ
 Sample : J5330-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WW01

Quant Time: Oct 12 04:26:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

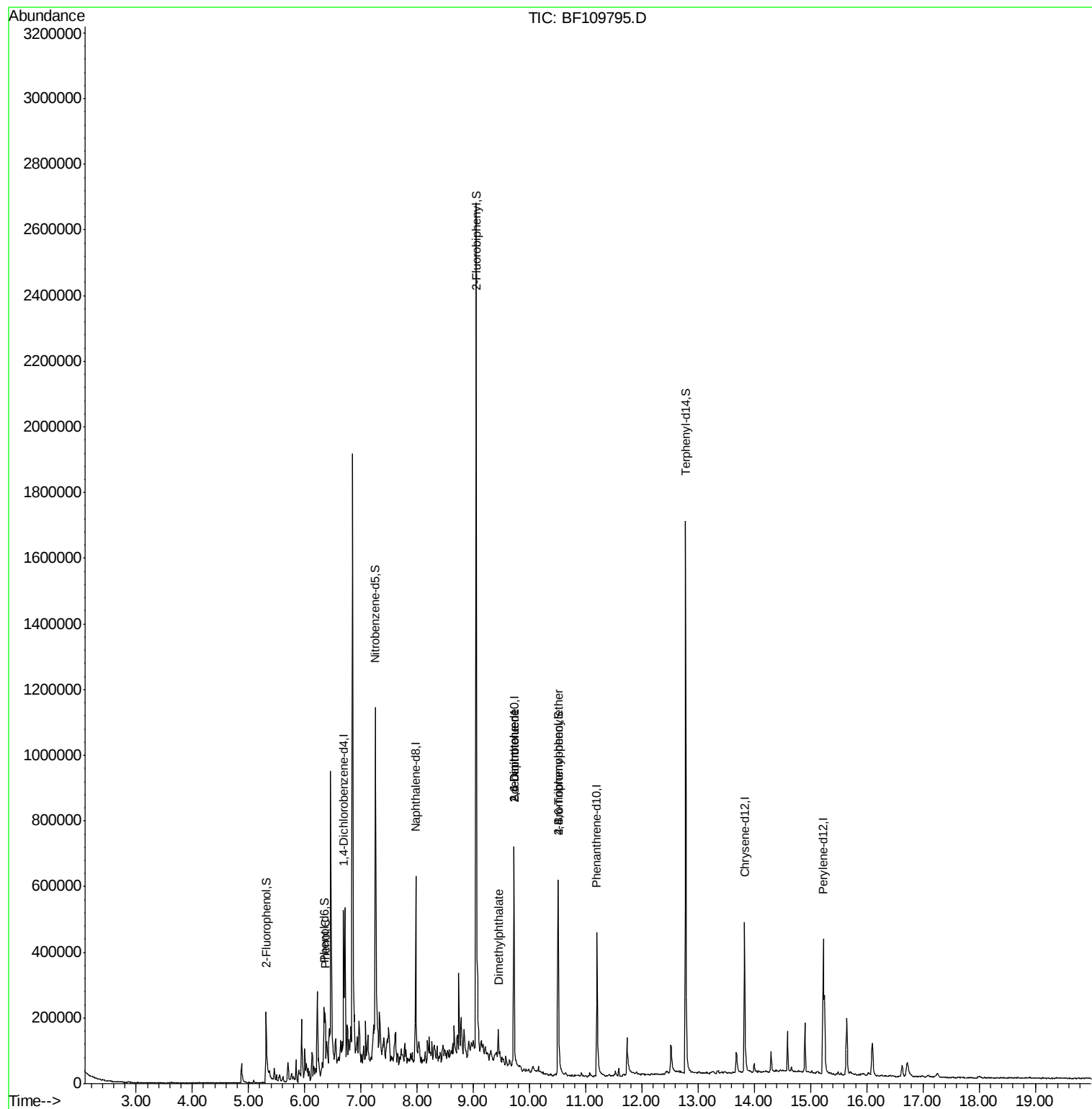
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	79448	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	313310	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	140444	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	223463	20.00	ng	0.00
75) Chrysene-d12	13.83	240	196430	20.00	ng	0.00
86) Perylene-d12	15.23	264	228703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	119573	26.72	ng	-0.01
7) Phenol-d6	6.35	99	118503	19.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	469313	82.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	97778	63.90	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	929125	91.11	ng	0.00
78) Terphenyl-d14	12.78	244	642011	63.27	ng	0.00
Target Compounds						
10) Phenol	6.36	94	31447	4.587	ng	# 79
49) Dimethylphthalate	9.45	163	38772	3.764	ng	100
50) 2,6-Dinitrotoluene	9.72	165	17839	7.990	ng	# 25
56) 2,4-Dinitrotoluene	9.72	165	17839	6.402	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	5462	2.127	ng	# 1

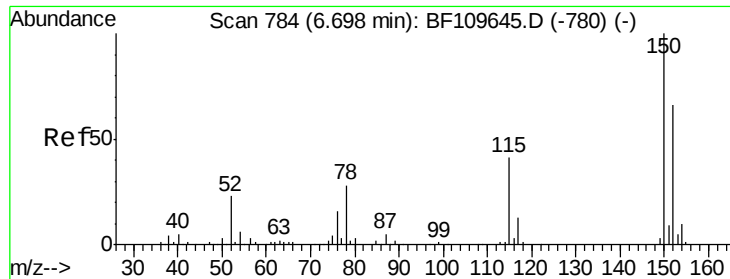
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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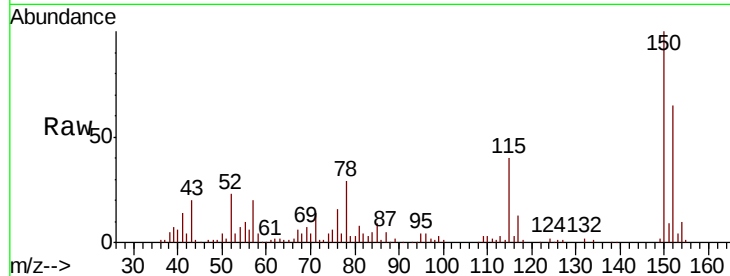




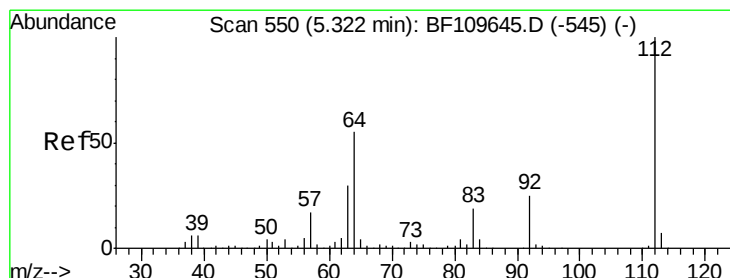
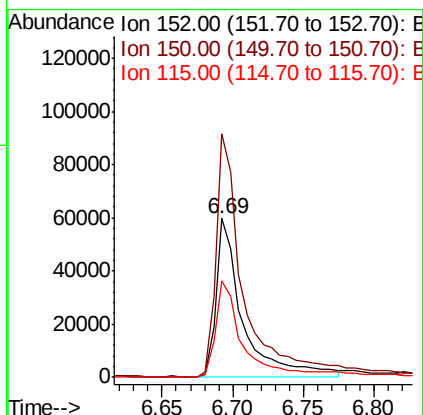
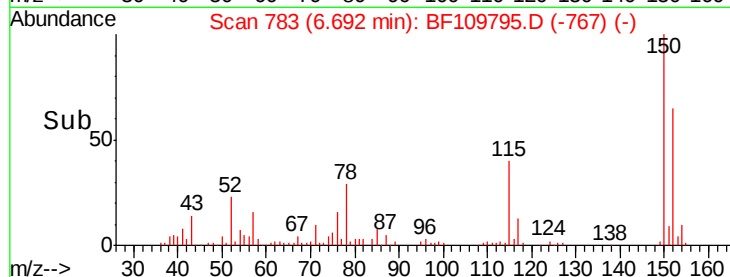
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WW01

Tgt Ion:152 Resp: 79448
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.7 184.1
 115 60.6 49.1 73.7

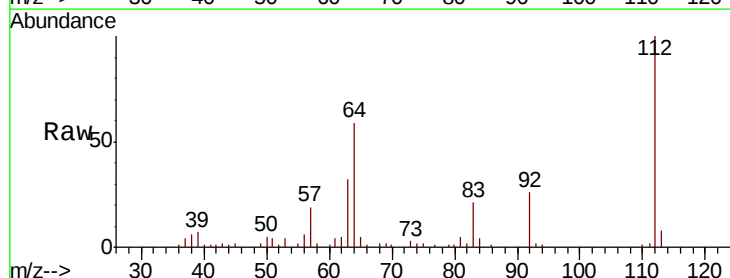


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

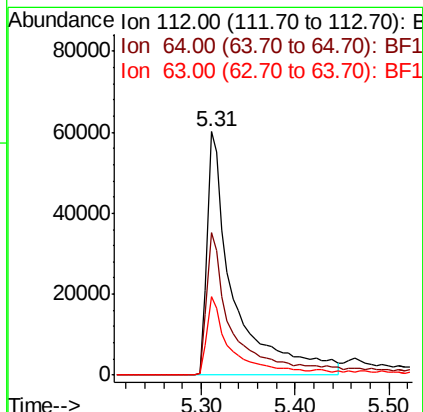
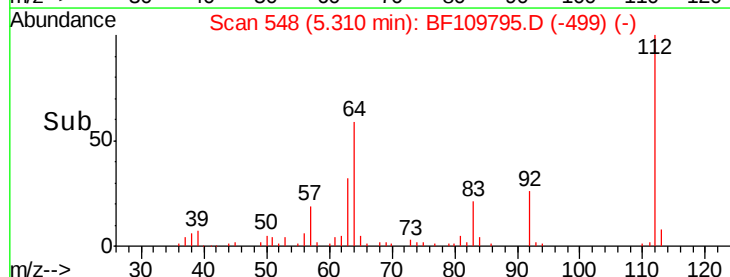


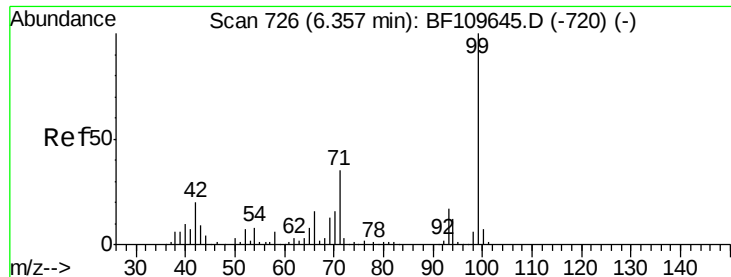
#5
 2-Fluorophenol
 Concen: 26.715 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Tgt Ion:112 Resp: 119573
 Ion Ratio Lower Upper
 112 100
 64 58.8 44.1 66.1
 63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.819 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

Instrument :

BNA_F

ClientSampleId :

EP1-WW01

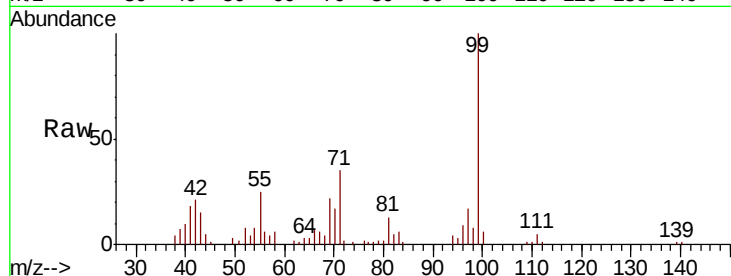
Tgt Ion: 99 Resp: 118503

Ion Ratio Lower Upper

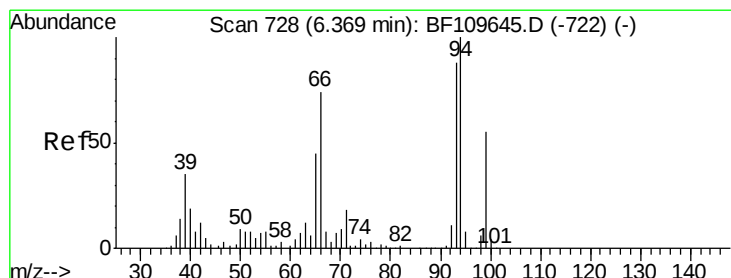
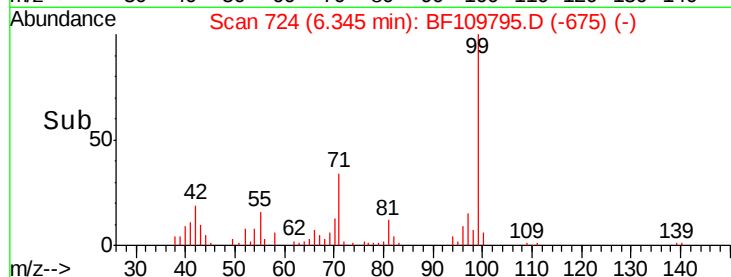
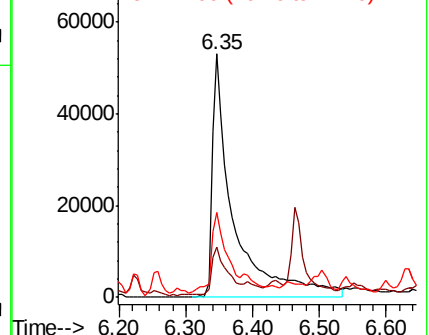
99 100

42 20.6 15.8 23.6

71 34.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.587 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

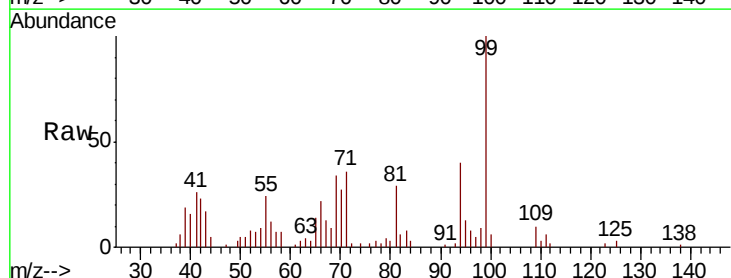
Tgt Ion: 94 Resp: 31447

Ion Ratio Lower Upper

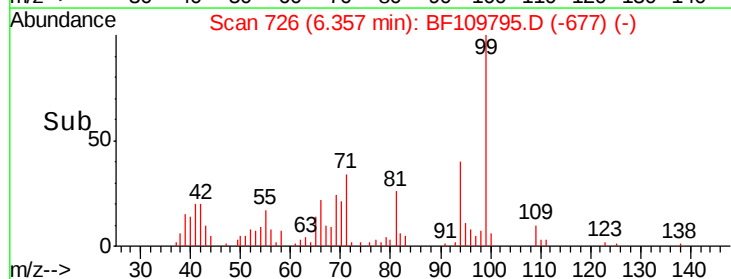
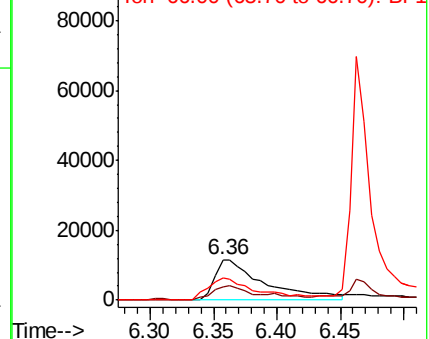
94 100

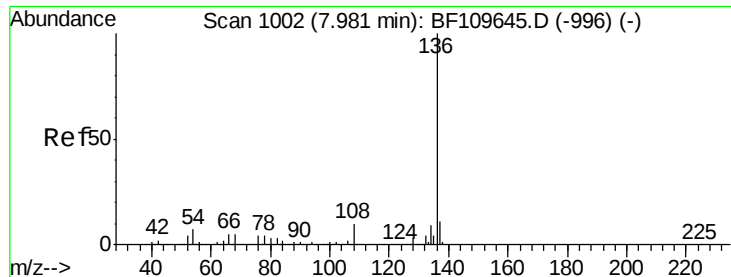
65 34.0 25.3 65.3

66 54.4 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

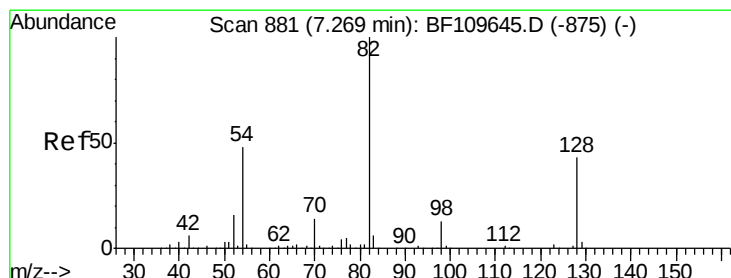
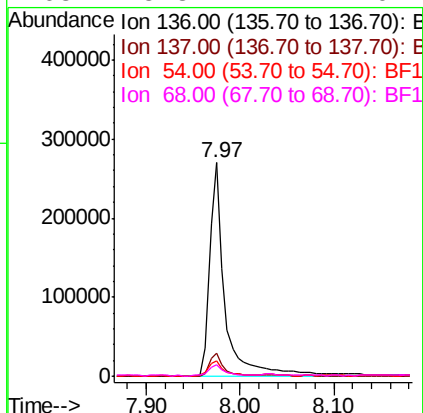
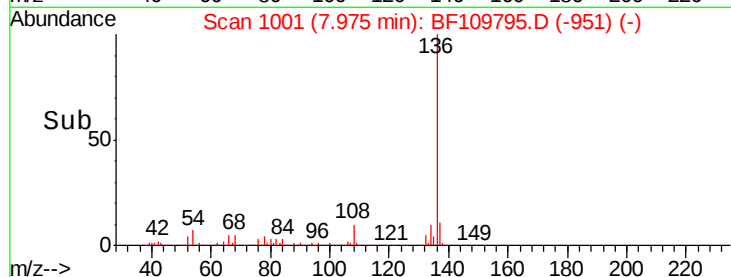
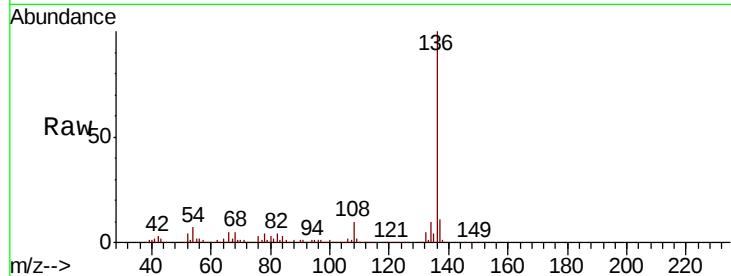




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109795.D
Acq: 11 Oct 2018 19:09

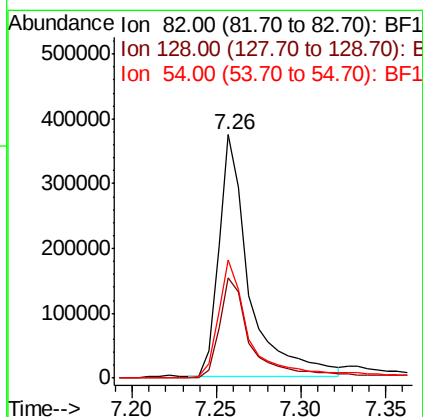
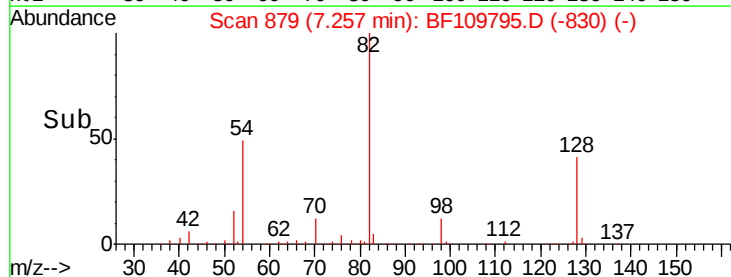
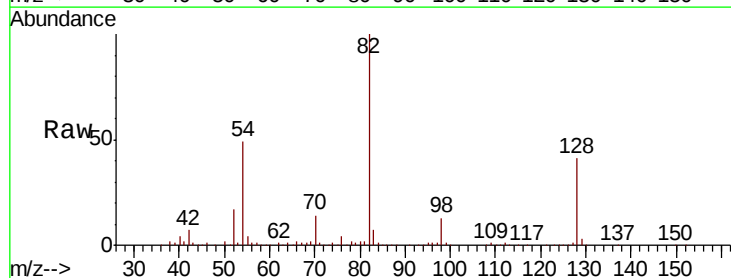
Instrument :
BNA_F
ClientSampleId :
EP1-WW01

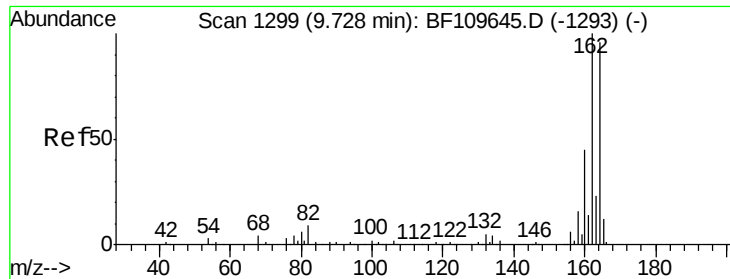
Tgt Ion:	136	Resp:	313310
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.4	8.2
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 82.570 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109795.D
Acq: 11 Oct 2018 19:09

Tgt Ion:	82	Resp:	469313
Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.2
54	48.7	38.6	58.0

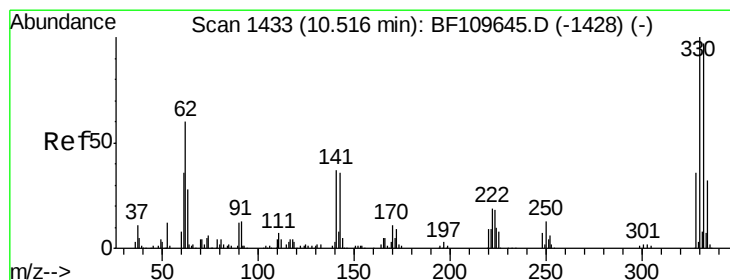
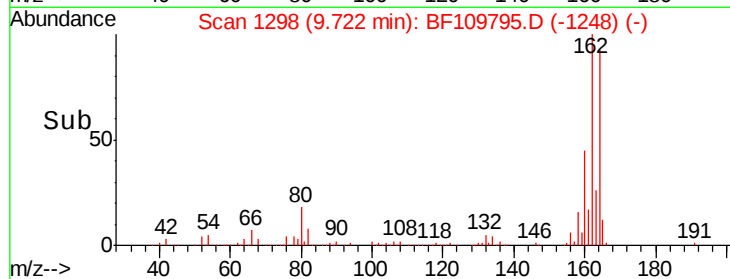
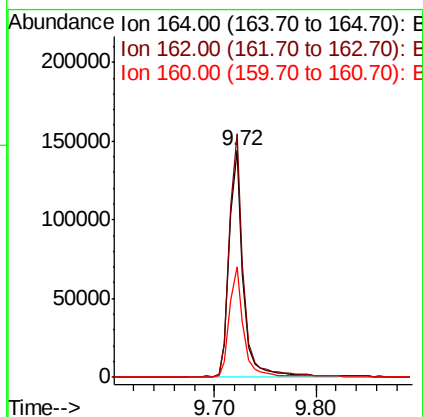
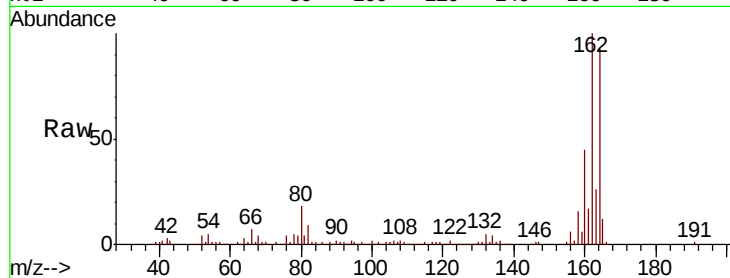




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

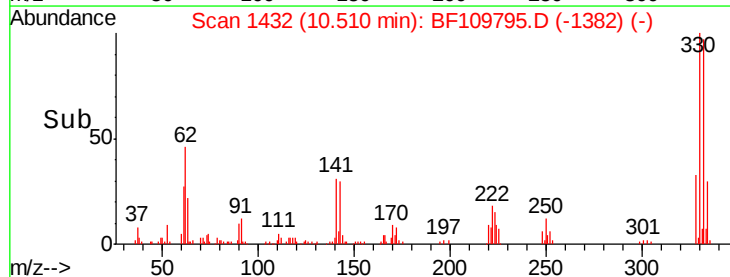
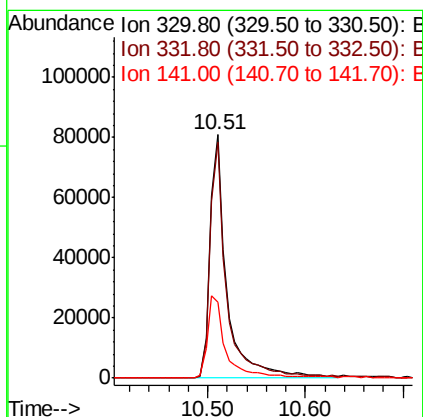
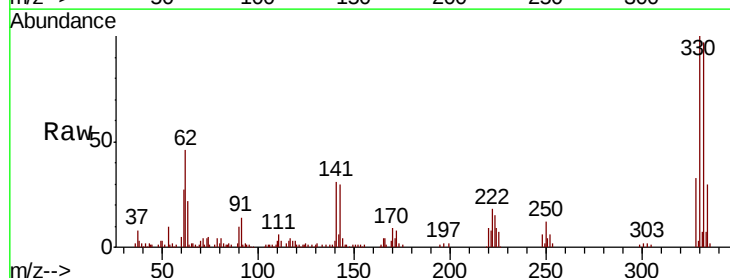
Instrument :
 BNA_F
 ClientSampleId :
 EP1-WW01

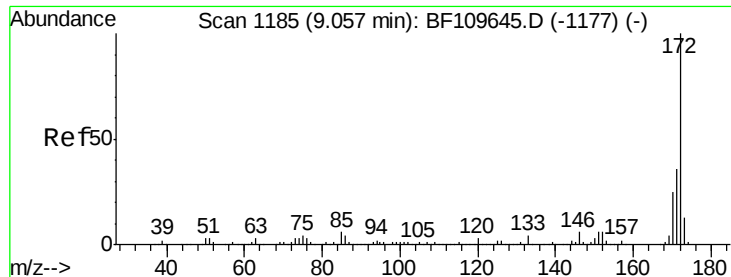
Tgt Ion:164 Resp: 140444
 Ion Ratio Lower Upper
 164 100
 162 107.3 83.0 124.6
 160 48.6 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 63.895 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Tgt Ion:330 Resp: 97778
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.1 115.7
 141 37.6 27.0 40.4

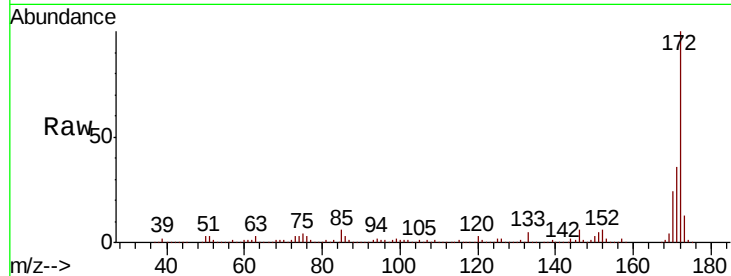




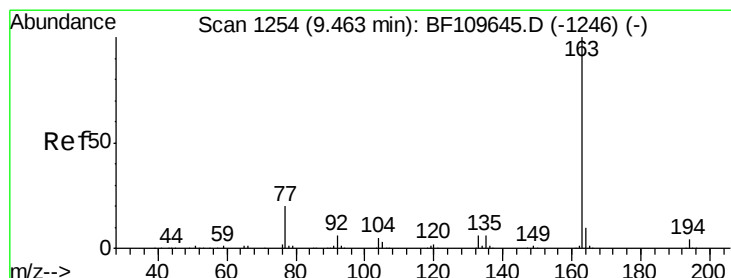
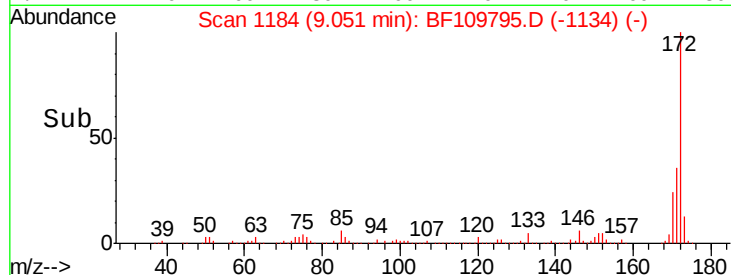
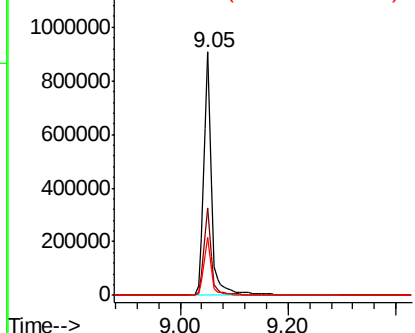
#44
 2-Fluorobiphenyl
 Concen: 91.114 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WW01

Tgt Ion:172 Resp: 929125
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.7 29.5

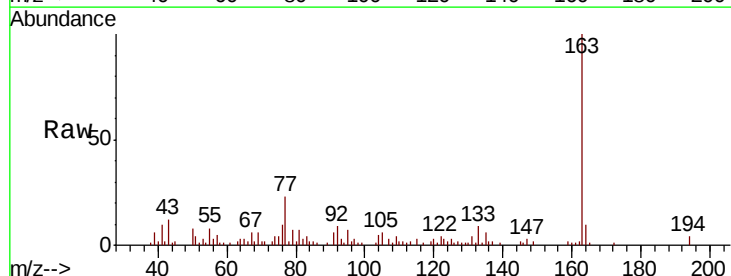


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

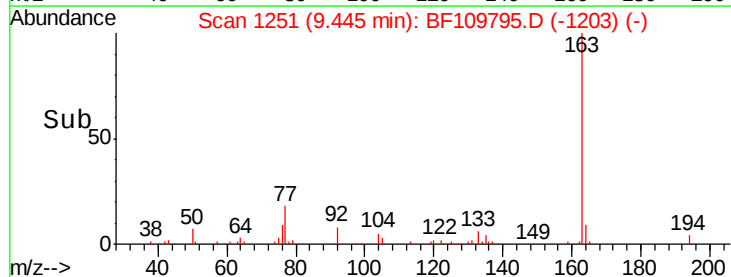
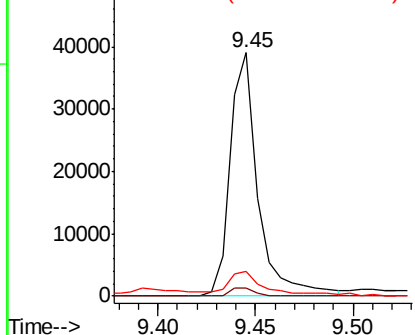


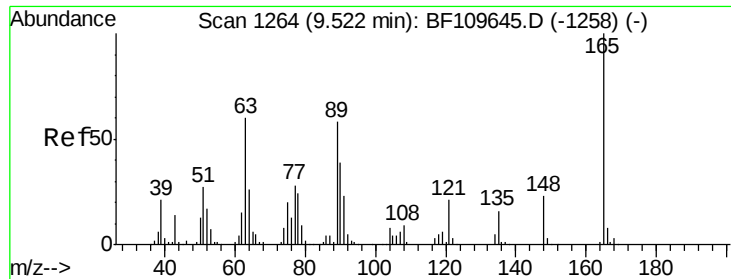
#49
 Dimethylphthalate
 Concen: 3.764 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Tgt Ion:163 Resp: 38772
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.2 4.8
 164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

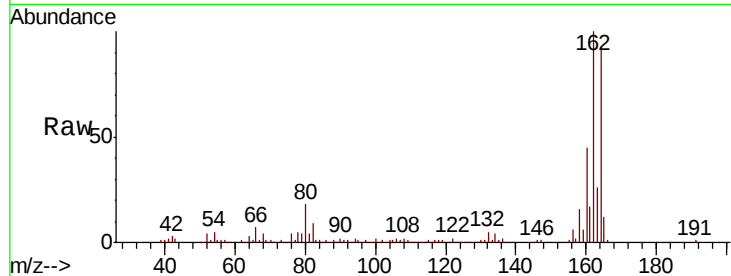




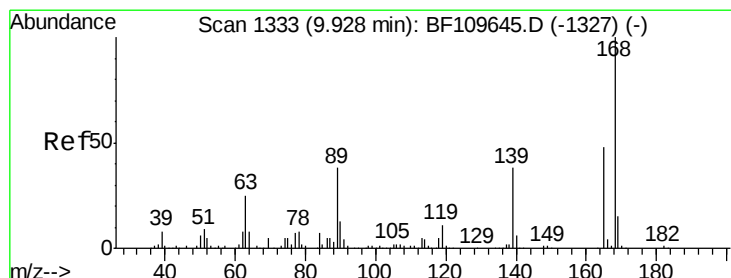
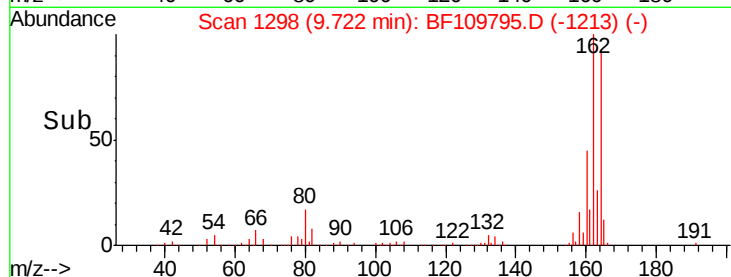
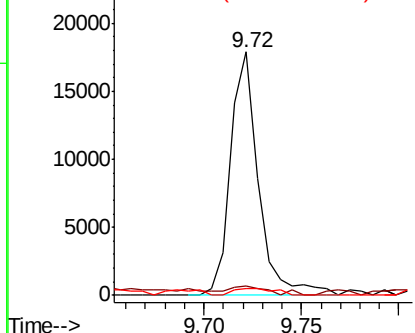
#50
 2,6-Dinitrotoluene
 Concen: 7.990 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Instrument :
 BNA_F
 ClientSampleId :
 EP1-WW01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.7	48.9	73.3#
89	2.9	46.6	69.8#

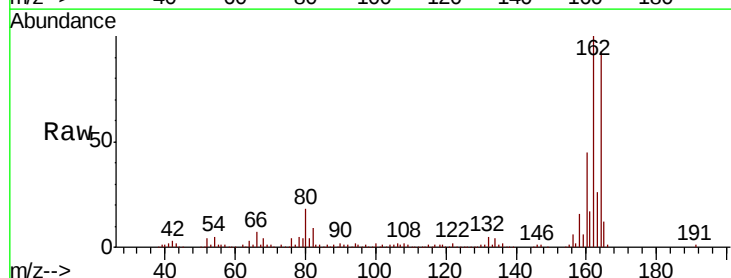


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

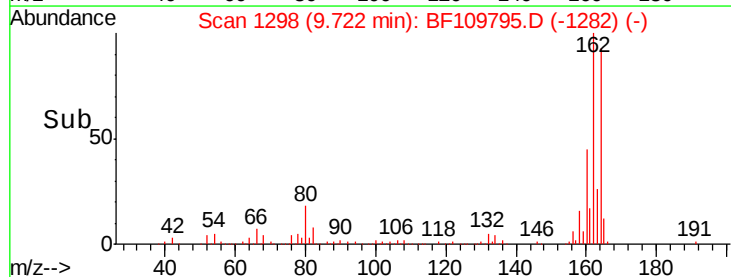
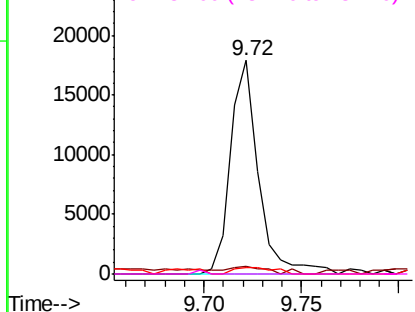


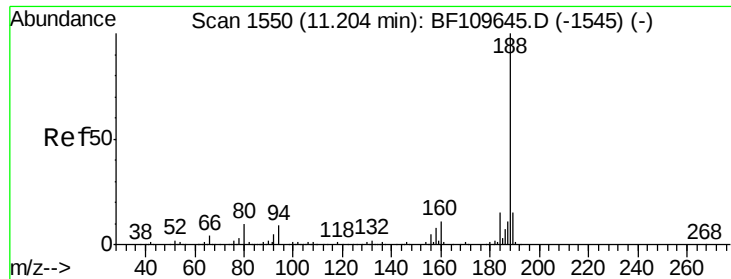
#56
 2,4-Dinitrotoluene
 Concen: 6.402 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109795.D
 Acq: 11 Oct 2018 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.7	44.8	67.2#
89	2.9	62.2	93.4#
182	0.0	2.1	3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

Instrument :

BNA_F

ClientSampleId :

EP1-WW01

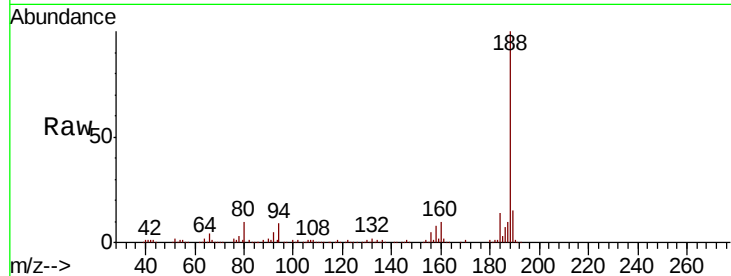
Tgt Ion:188 Resp: 223463

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

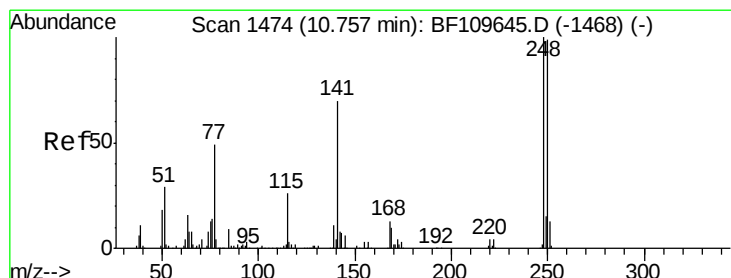
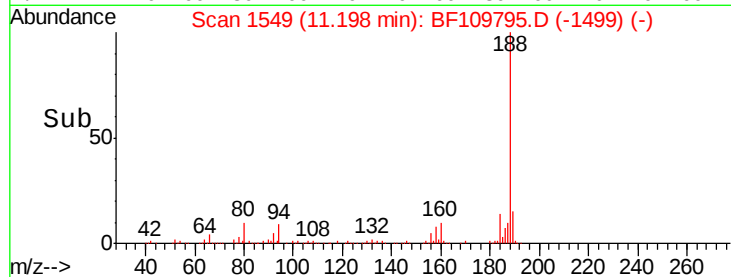
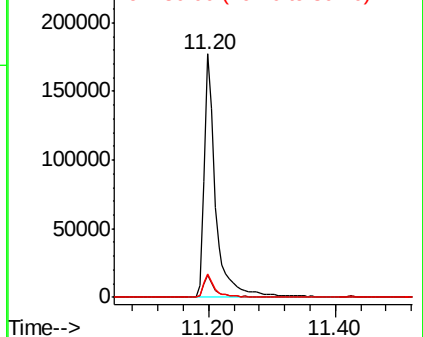
80 9.6 7.9 11.9



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



#66

4-Bromophenyl-phenylether

Concen: 2.127 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.25 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

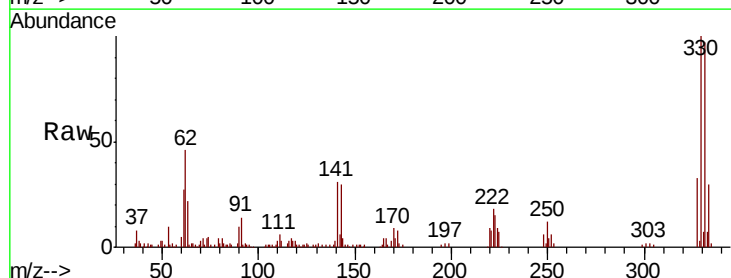
Tgt Ion:248 Resp: 5462

Ion Ratio Lower Upper

248 100

250 196.6 79.4 119.2#

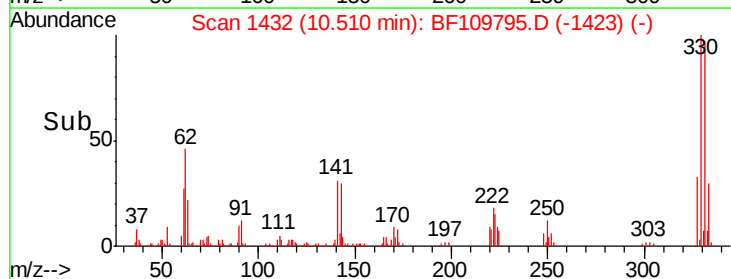
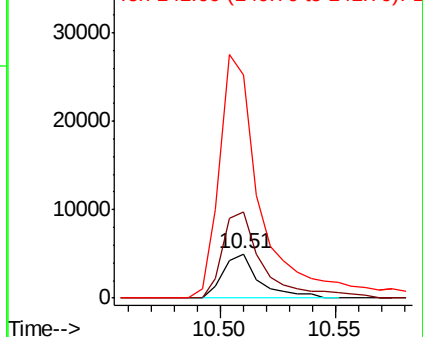
141 505.6 55.9 83.9#

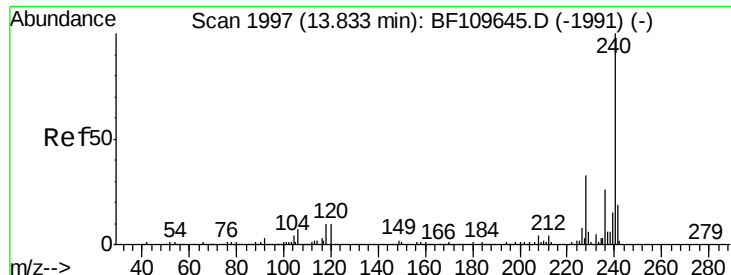


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

Instrument :

BNA_F

ClientSampleId :

EP1-WW01

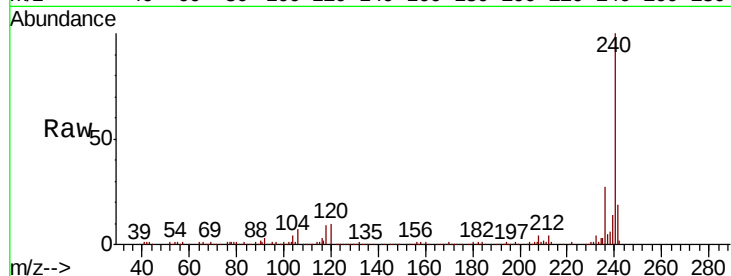
Tgt Ion:240 Resp: 196430

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

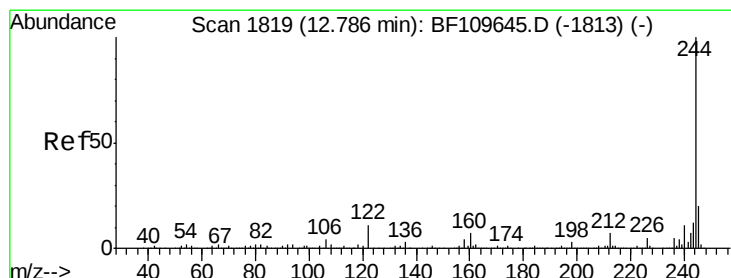
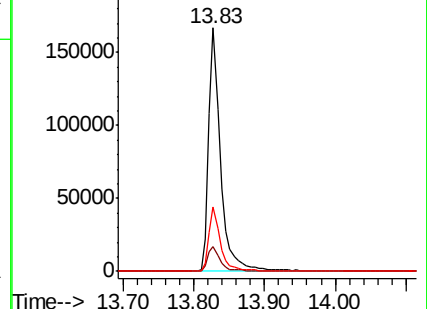
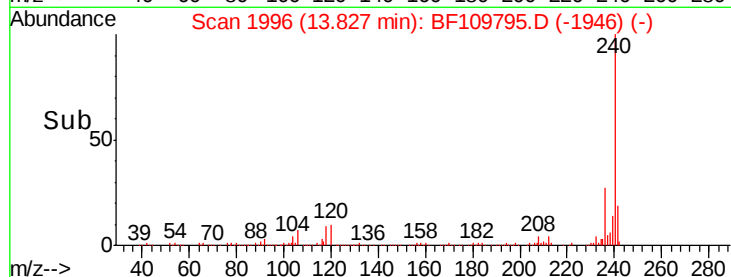
236 26.6 21.2 31.8



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: 63.271 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109795.D

Acq: 11 Oct 2018 19:09

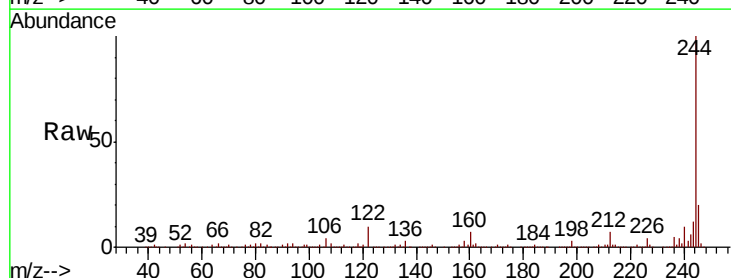
Tgt Ion:244 Resp: 642011

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

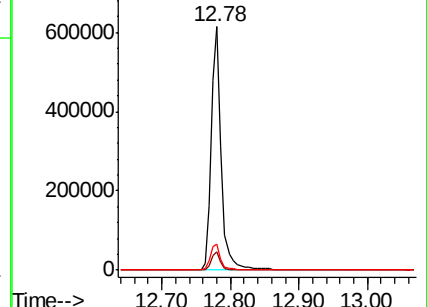
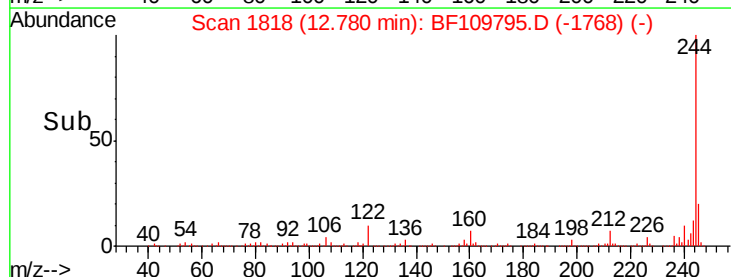
122 10.4 8.7 13.1

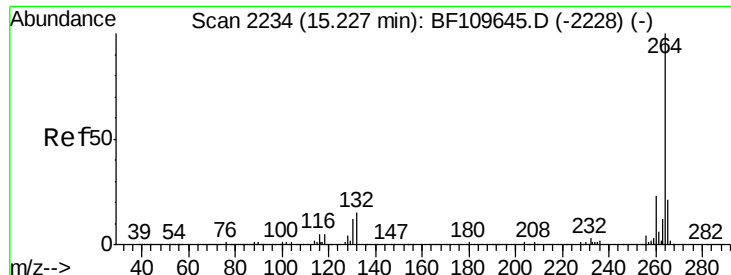


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109795.D
Acq: 11 Oct 2018 19:09

Instrument :
BNA_F
ClientSampleId :
EP1-WW01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.2	16.7	25.1

