

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109793.D
 Acq On : 11 Oct 2018 18:12
 Operator : JU/SJ
 Sample : J5302-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-2-(16.5-17)

Quant Time: Oct 12 04:26:08 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

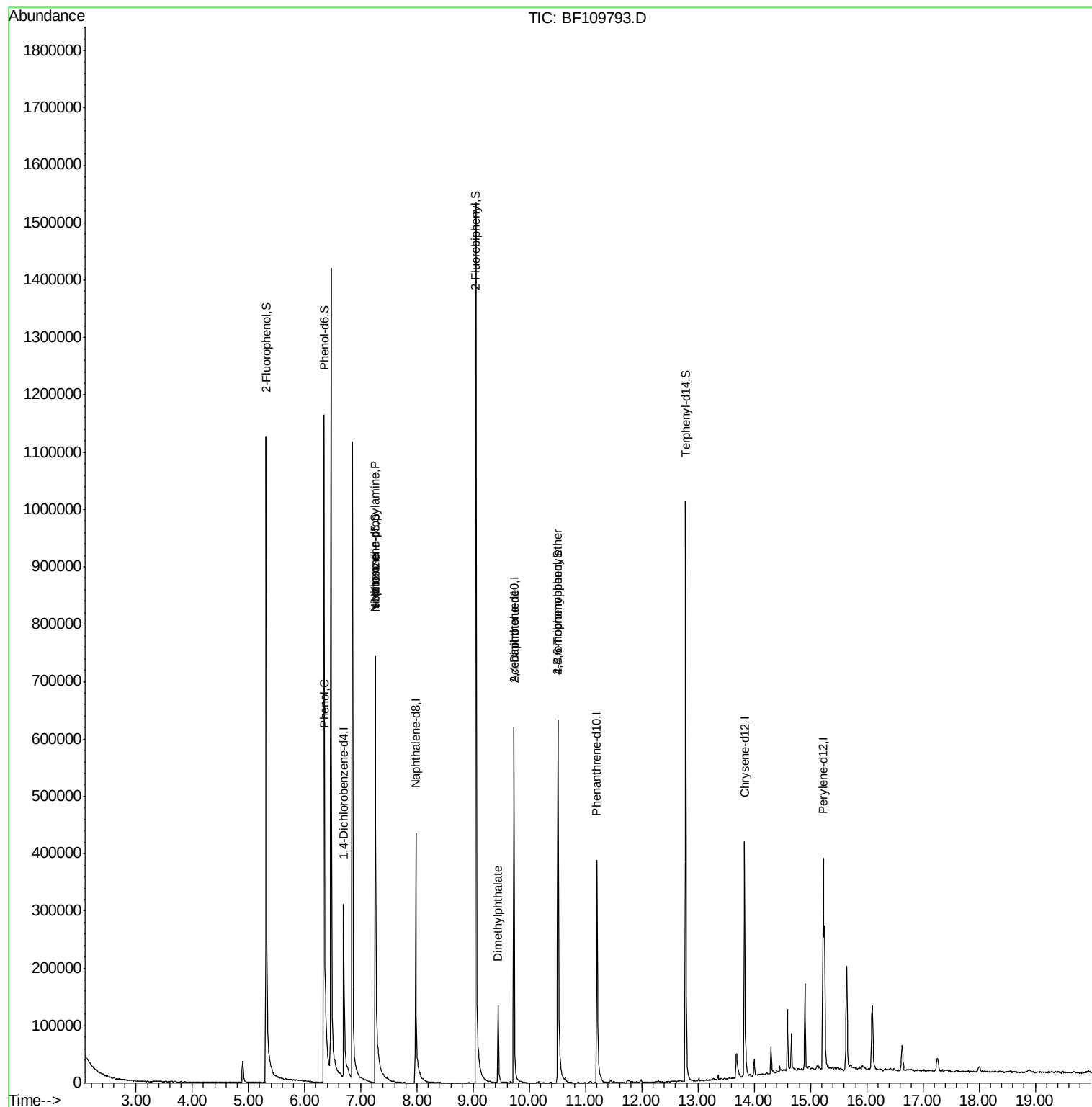
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	73691	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	315874	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	142013	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	226521	20.00	ng	0.00
75) Chrysene-d12	13.83	240	187718	20.00	ng	0.00
86) Perylene-d12	15.23	264	214471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	427237	102.91	ng	0.00
7) Phenol-d6	6.35	99	591326	106.62	ng	-0.01
23) Nitrobenzene-d5	7.26	82	397162	69.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	115173	74.43	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	653345	63.36	ng	-0.01
78) Terphenyl-d14	12.78	244	432776	44.63	ng	0.00
Target Compounds						
10) Phenol	6.36	94	17052	2.681	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	48398	12.444	ng	# 77
25) Isophorone	7.26	82	403523	42.407	ng	# 67
49) Dimethylphthalate	9.45	163	78025	7.491	ng	100
56) 2,4-Dinitrotoluene	9.72	165	16871	5.988	ng	# 19
66) 4-Bromophenyl-phenylether	10.50	248	6357	2.442	ng	# 1

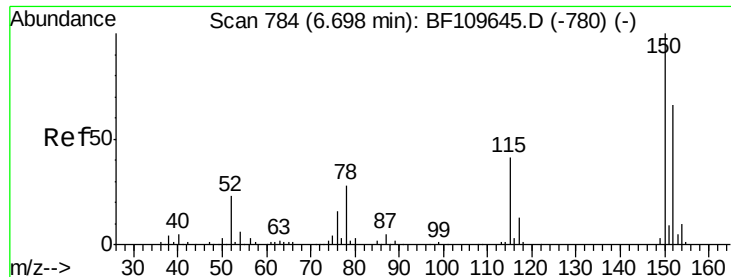
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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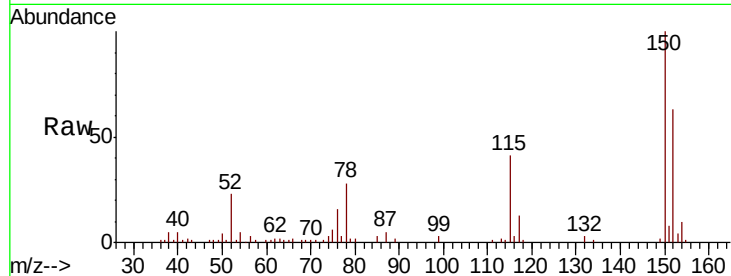


#1

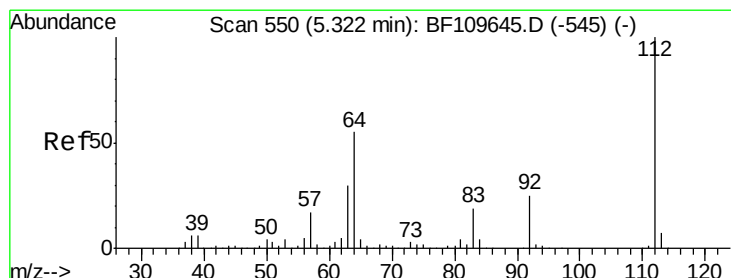
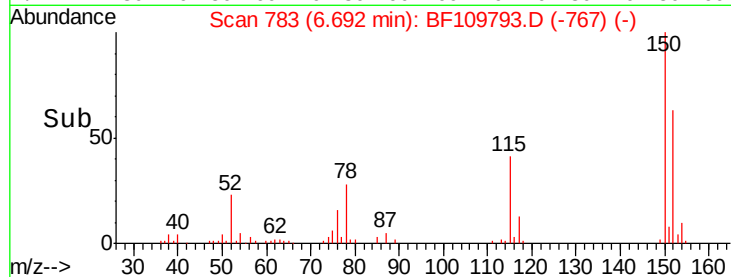
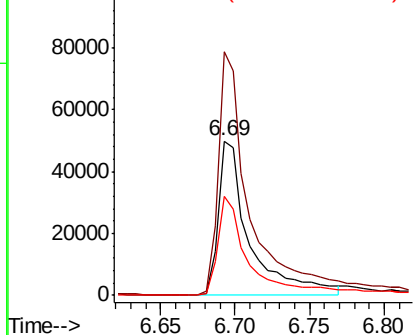
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Instrument :
BNA_F
ClientSampleId :
SB-TW-2-(16.5-17)

Tgt Ion:152 Resp: 73691
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 64.2 49.1 73.7



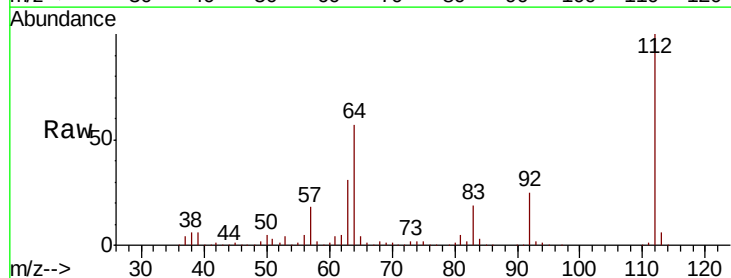
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



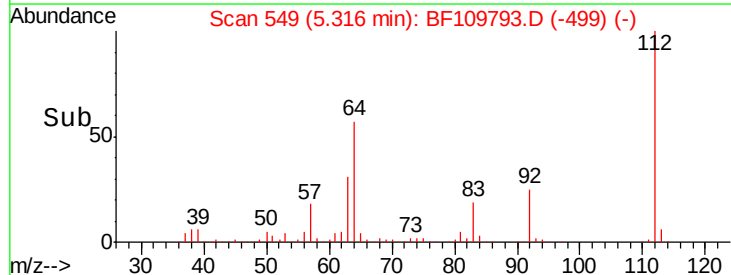
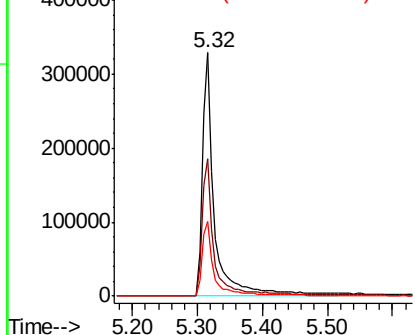
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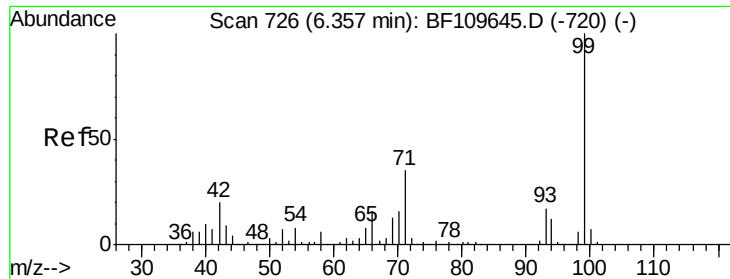
2-Fluorophenol
Concen: 102.911 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Tgt Ion:112 Resp: 427237
Ion Ratio Lower Upper
112 100
64 56.6 44.1 66.1
63 30.9 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: 106.622 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109793.D

Acq: 11 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

SB-TW-2-(16.5-17)

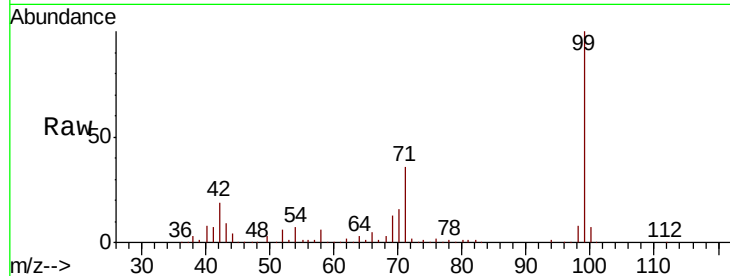
Tgt Ion: 99 Resp: 591326

Ion Ratio Lower Upper

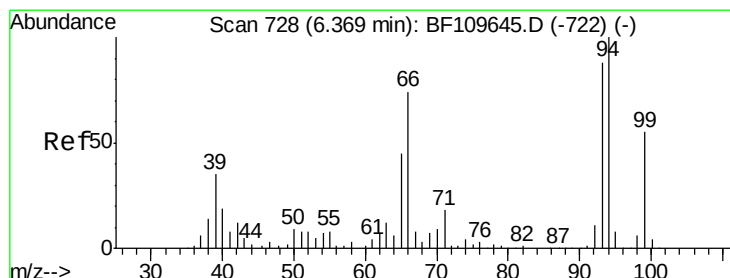
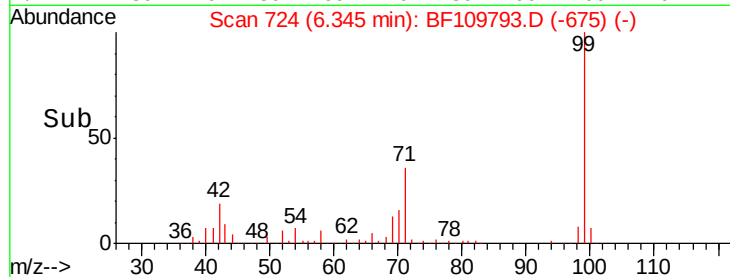
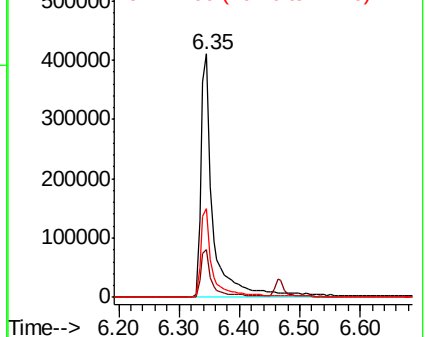
99 100

42 19.4 15.8 23.6

71 36.5 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: 2.681 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109793.D

Acq: 11 Oct 2018 18:12

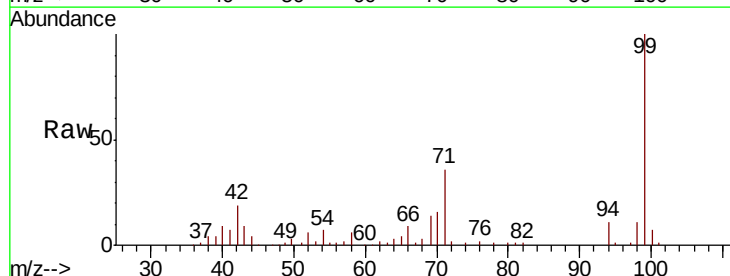
Tgt Ion: 94 Resp: 17052

Ion Ratio Lower Upper

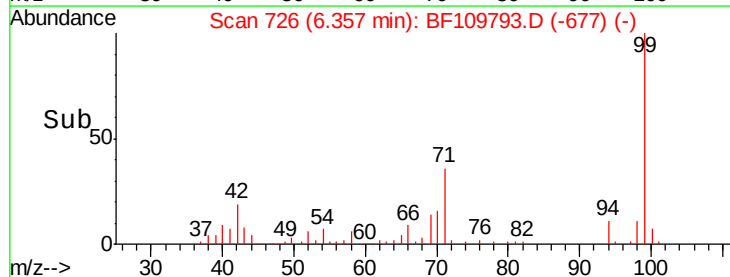
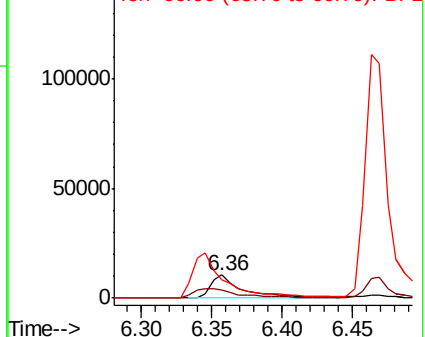
94 100

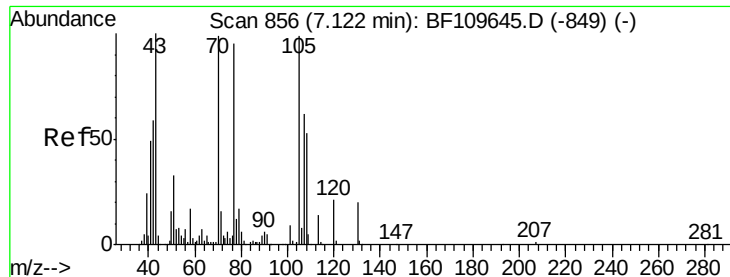
65 36.5 25.3 65.3

66 81.8 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

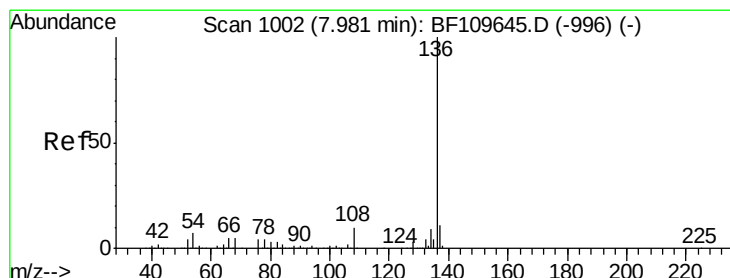
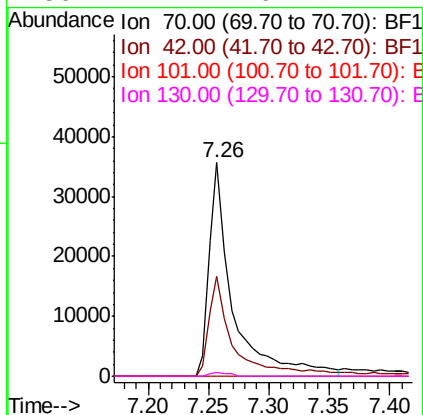
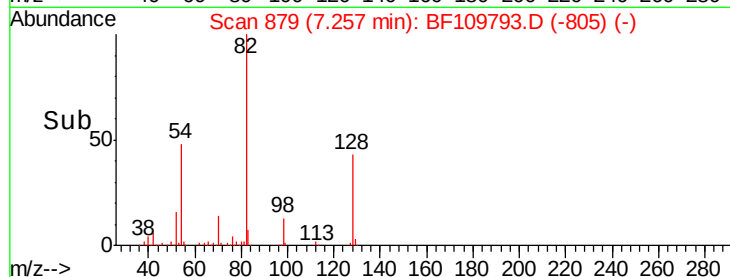
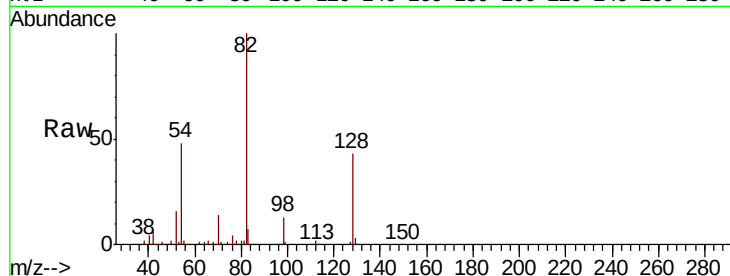




#19
n-Nitroso-di-n-propylamine
Concen: 12.444 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

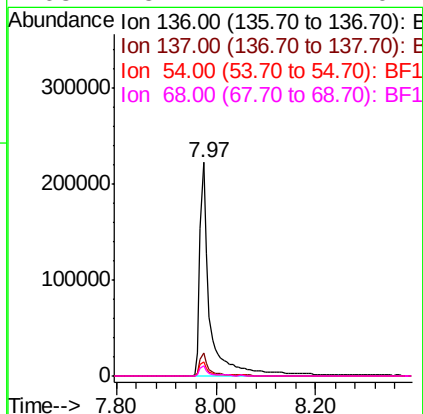
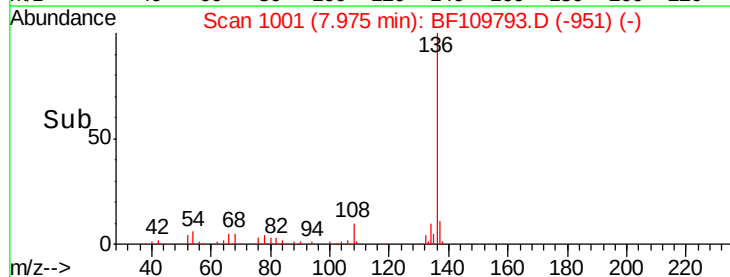
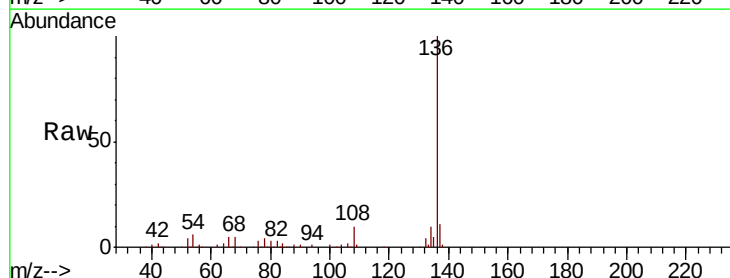
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SB-TW-2-(16.5-17)

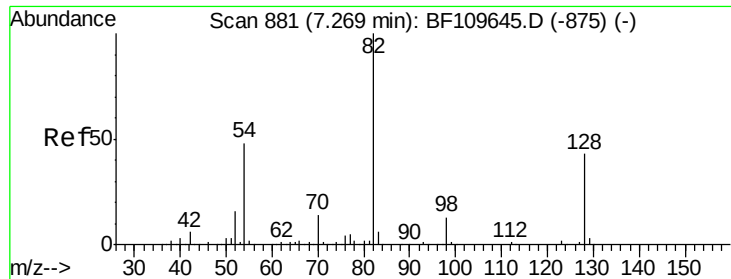
Tgt Ion: 70 Resp: 48398
Ion Ratio Lower Upper
70 100
42 46.8 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Tgt Ion: 136 Resp: 315874
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.4 5.4 8.2
68 5.1 4.2 6.2

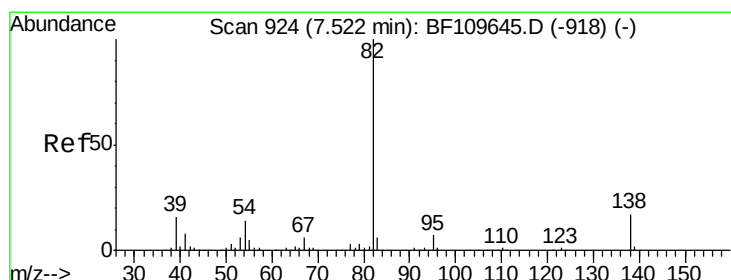
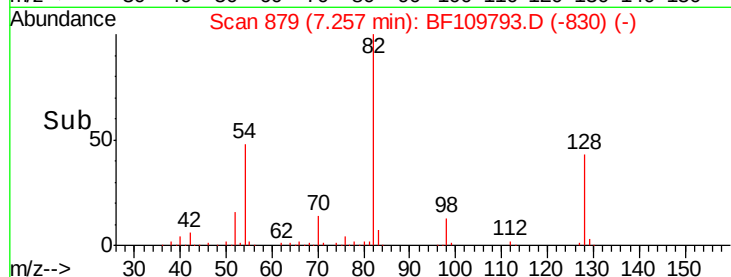
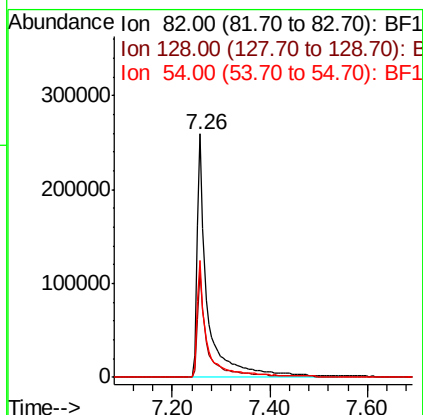
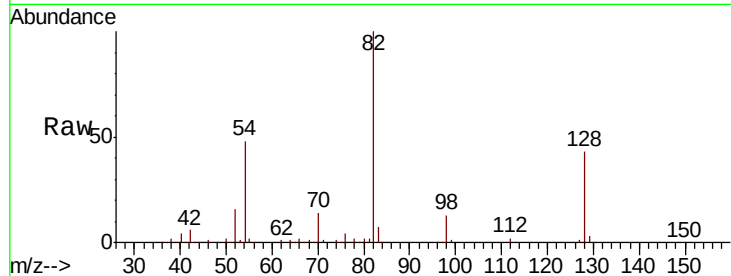




#23
Nitrobenzene-d5
Concen: 69.309 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

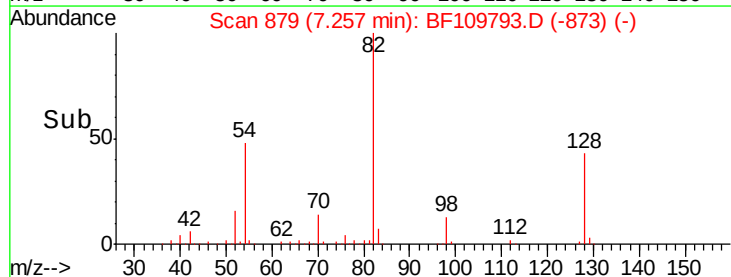
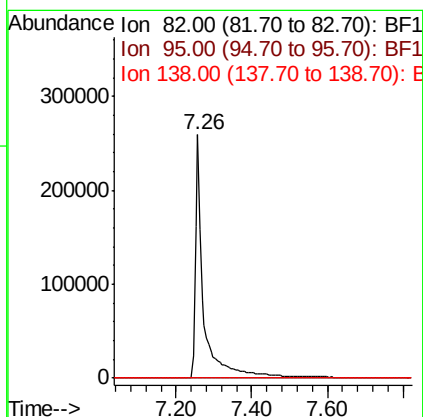
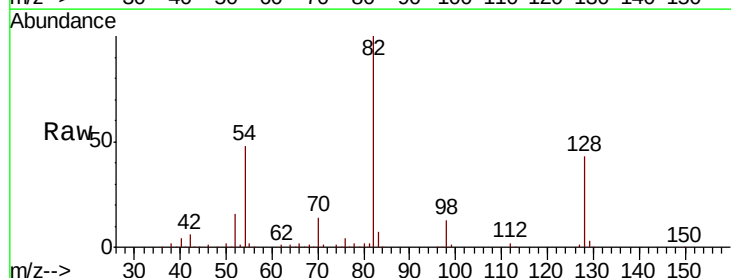
Instrument :
BNA_F
ClientSampleId :
SB-TW-2-(16.5-17)

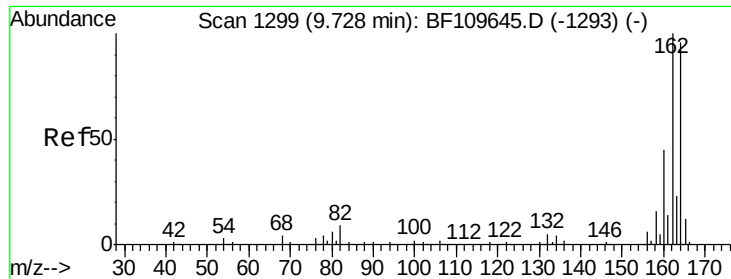
Tgt Ion: 82 Resp: 397162
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.2
54 48.2 38.6 58.0



#25
Isophorone
Concen: 42.407 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Tgt Ion: 82 Resp: 403523
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

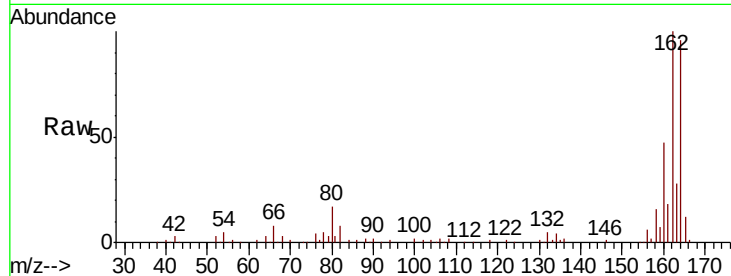




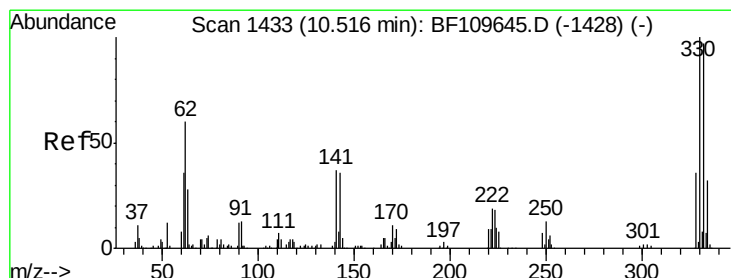
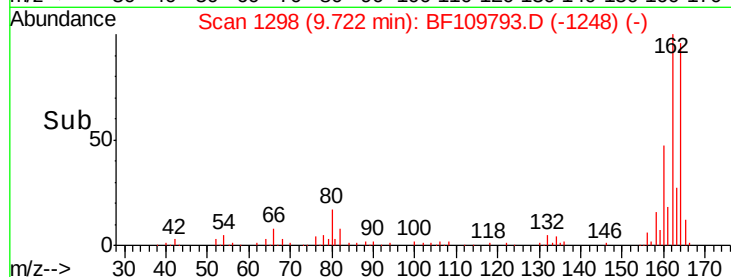
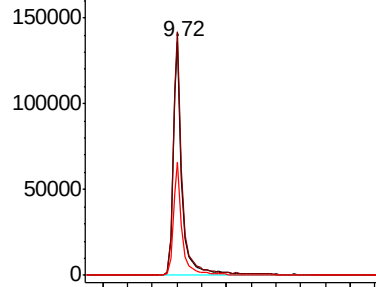
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-2-(16.5-17)

Tgt Ion:164 Resp: 142013
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.0 124.6
 160 48.5 37.0 55.6

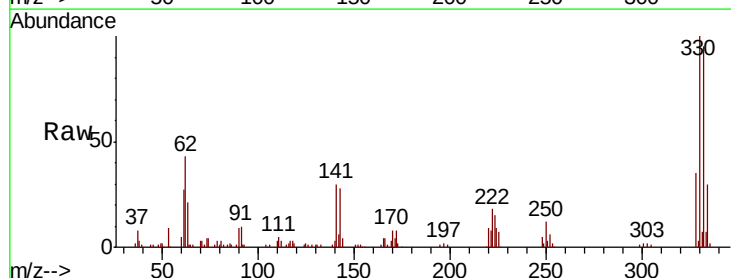


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

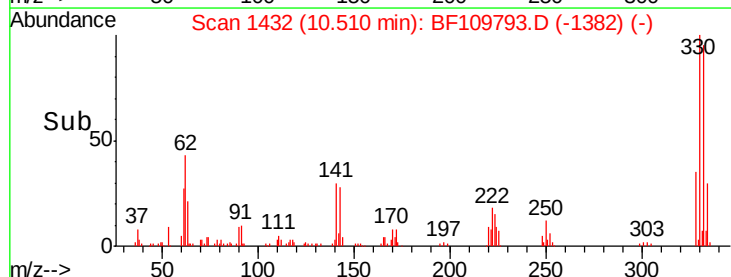
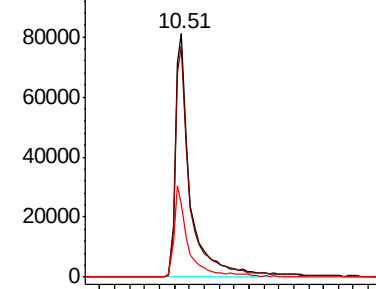


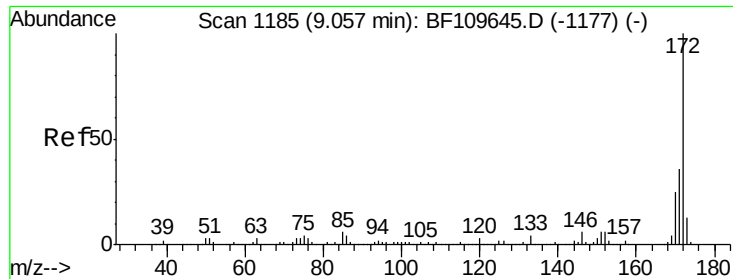
#41
 2,4,6-Tribromophenol
 Concen: 74.431 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

Tgt Ion:330 Resp: 115173
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 35.4 27.0 40.4



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

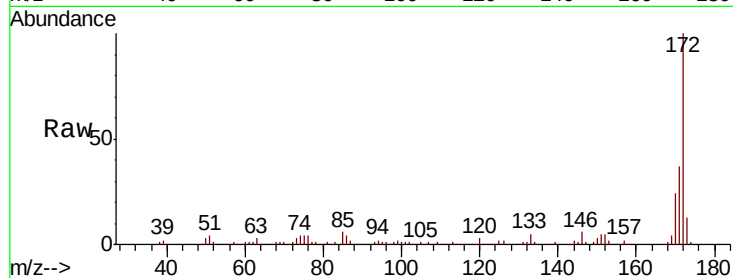




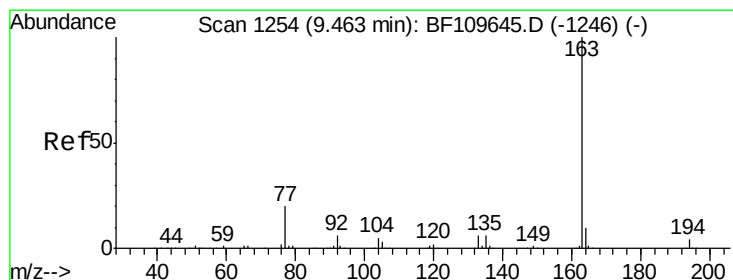
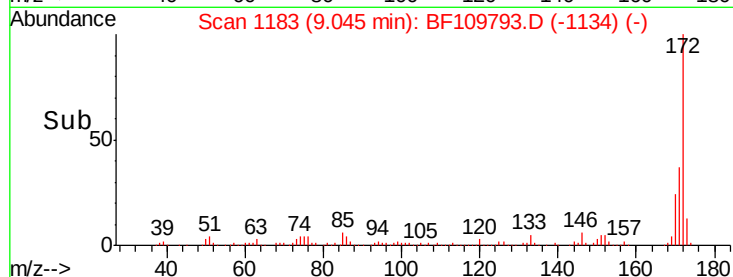
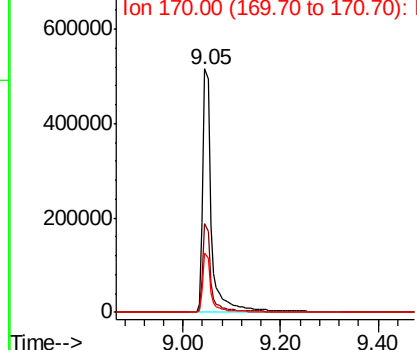
#44
2-Fluorobiphenyl
Concen: 63.362 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Instrument :
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ClientSampleId :
SB-TW-2-(16.5-17)

Tgt Ion:172 Resp: 653345
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.1 19.7 29.5

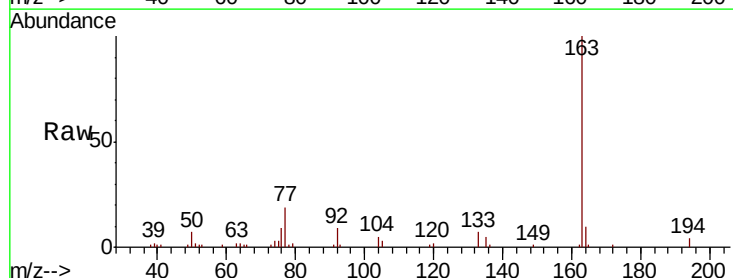


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

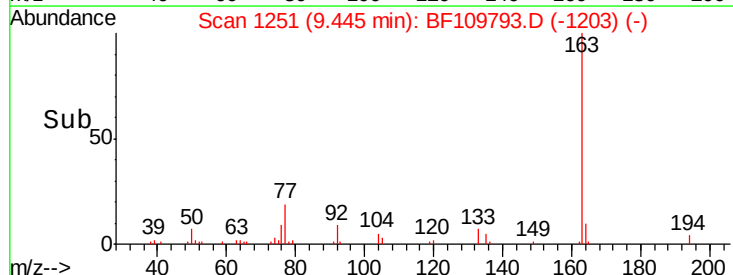
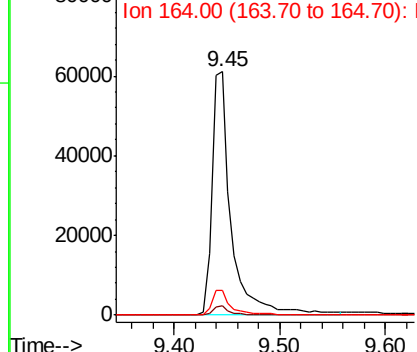


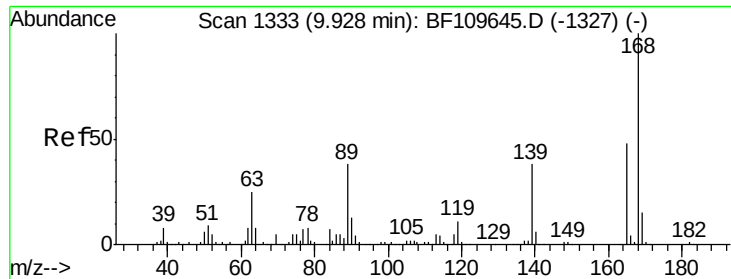
#49
Dimethylphthalate
Concen: 7.491 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109793.D
Acq: 11 Oct 2018 18:12

Tgt Ion:163 Resp: 78025
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 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

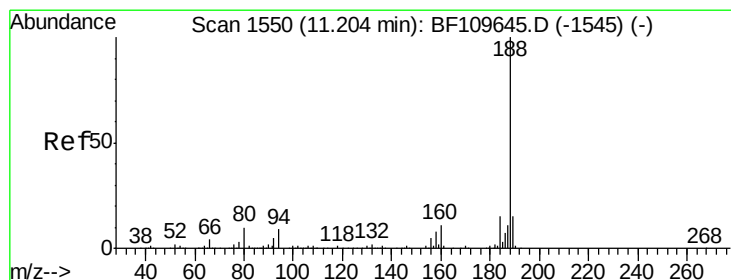
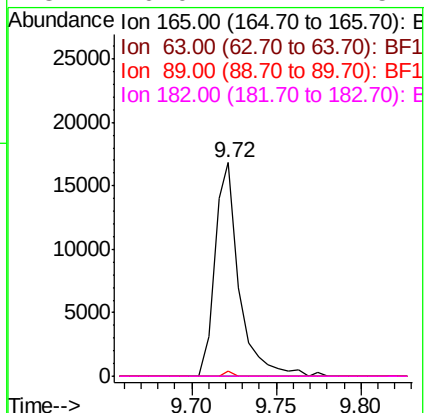
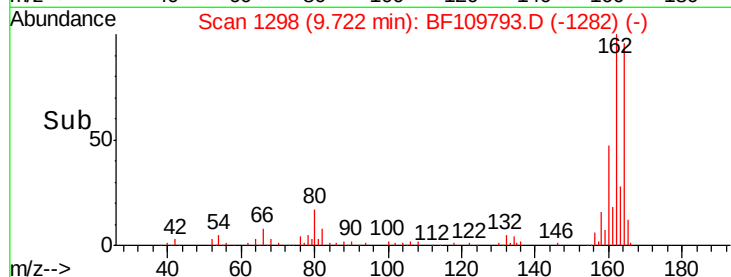
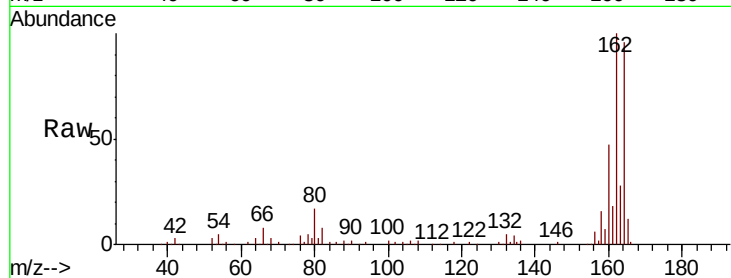




#56
 2,4-Dinitrotoluene
 Concen: 5.988 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

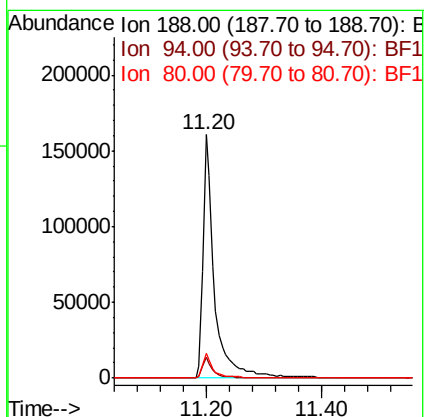
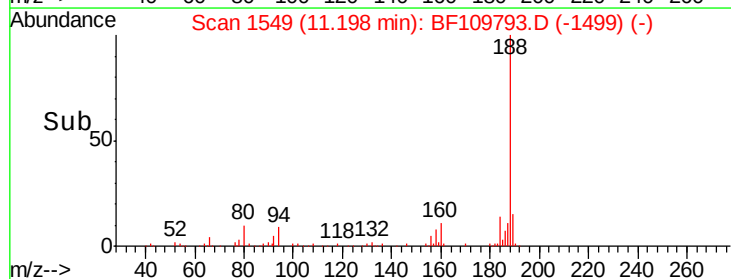
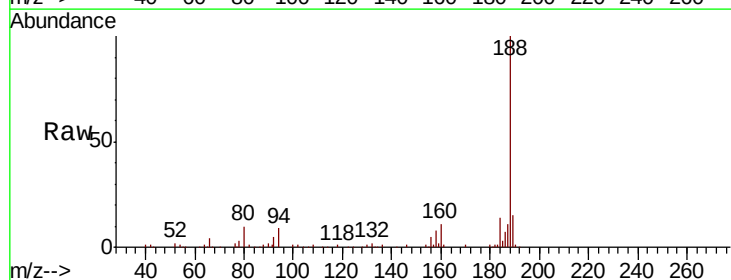
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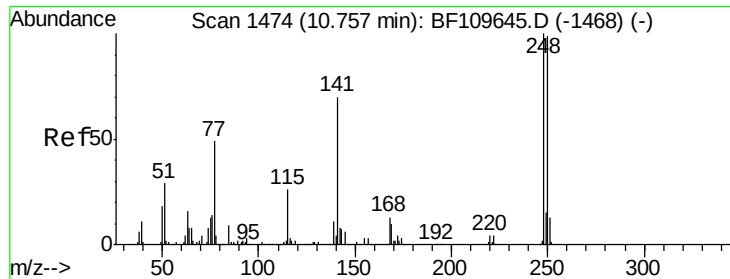
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.9	7.9	11.9

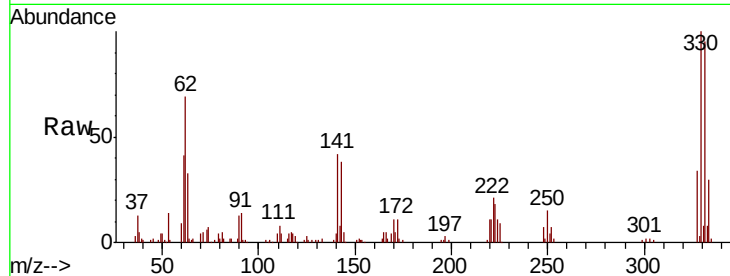




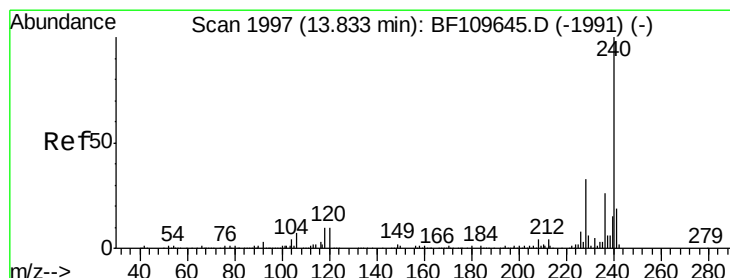
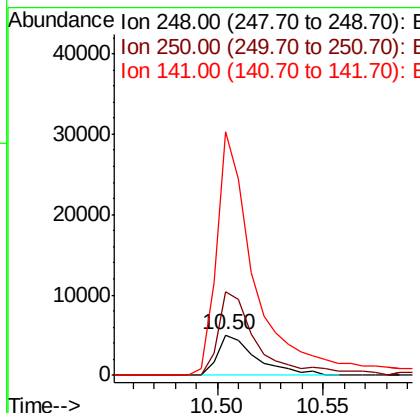
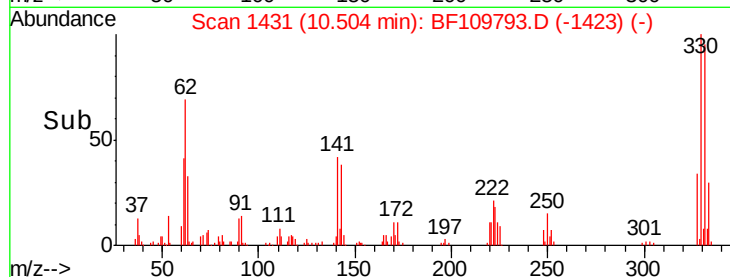
#66
 4-Bromophenyl-phenylether
 Concen: 2.442 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-TW-2-(16.5-17)

Tgt Ion:248 Resp: 6357
 Ion Ratio Lower Upper
 248 100
 250 206.3 79.4 119.2#
 141 601.0 55.9 83.9#

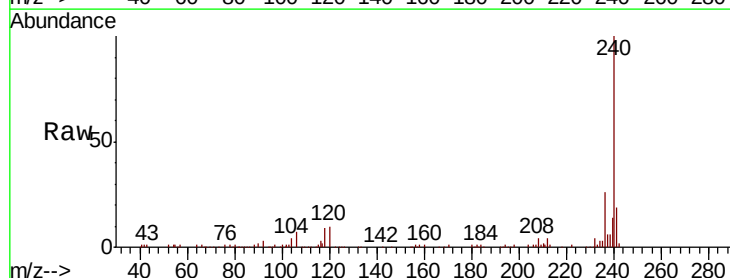


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

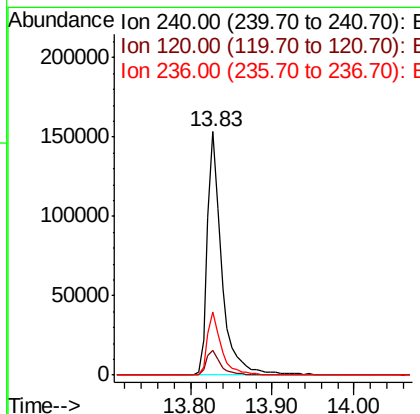
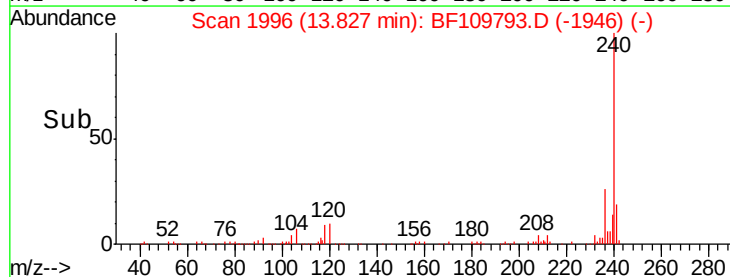


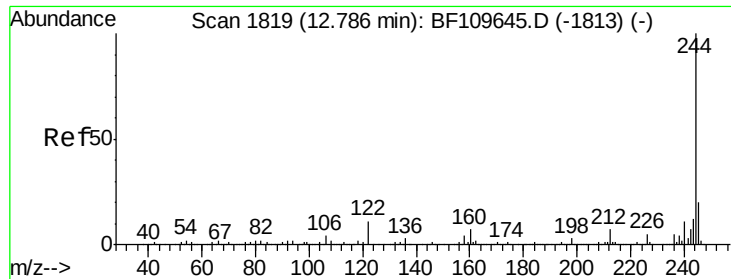
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109793.D
 Acq: 11 Oct 2018 18:12

Tgt Ion:240 Resp: 187718
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.3 12.5
 236 25.7 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: 44.630 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109793.D

Acq: 11 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

SB-TW-2-(16.5-17)

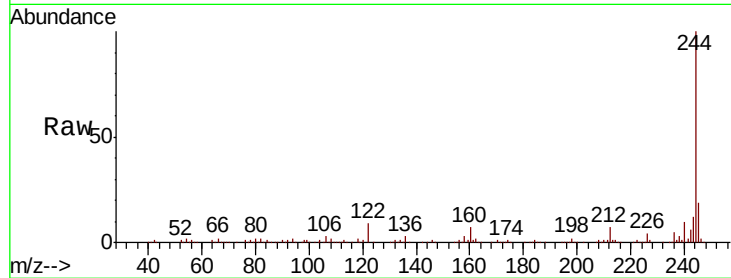
Tgt Ion:244 Resp: 432776

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

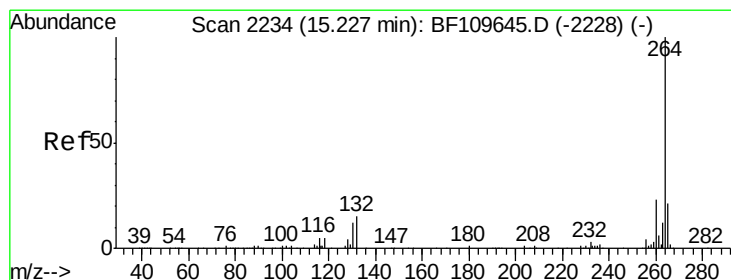
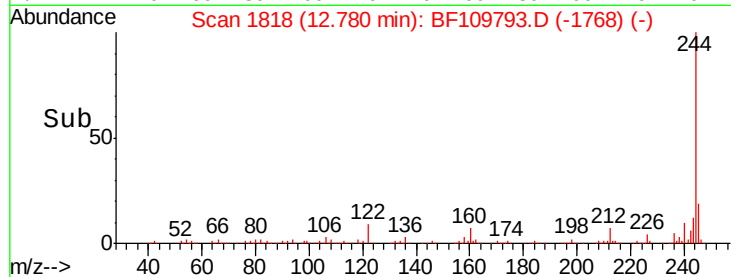
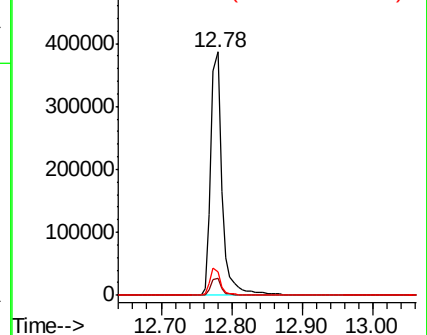
122 9.4 8.7 13.1



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: BF109793.D

Acq: 11 Oct 2018 18:12

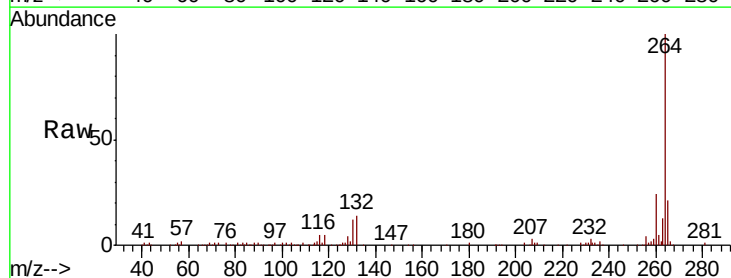
Tgt Ion:264 Resp: 214471

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.8 16.7 25.1



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

