

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109794.D
 Acq On : 11 Oct 2018 18:40
 Operator : JU/SJ
 Sample : J5302-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(2-2.5)

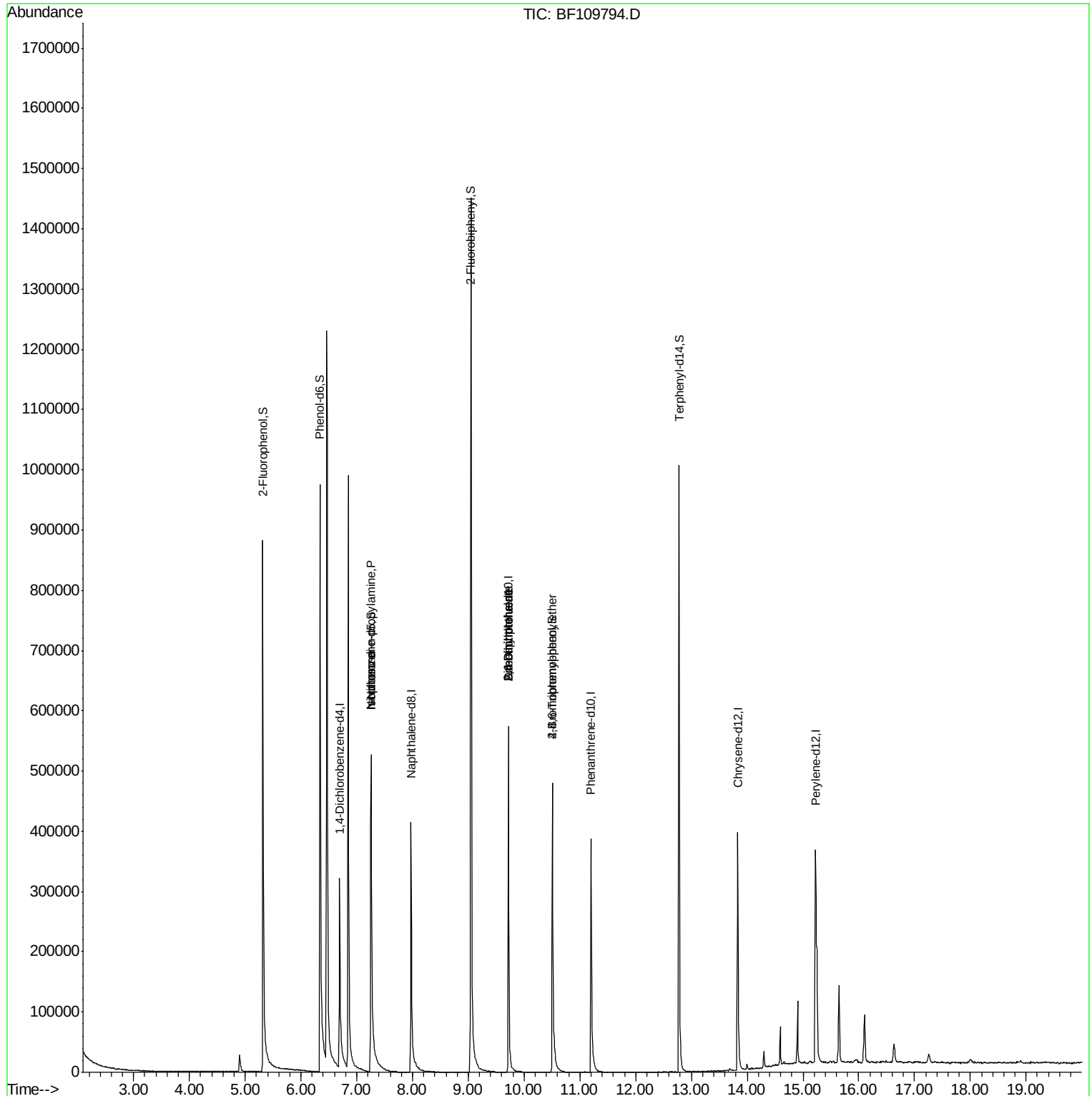
Quant Time: Oct 12 04:26:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

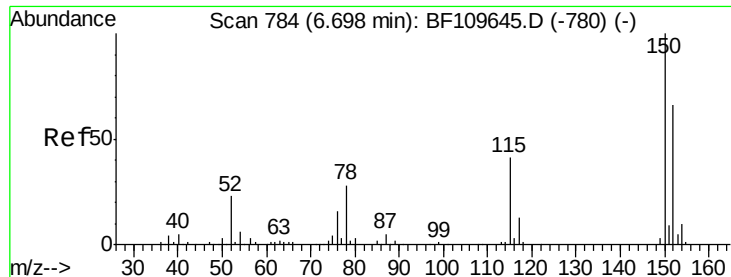
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	73283	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	317641	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	142068	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	235195	20.00	ng	0.00
75) Chrysene-d12	13.83	240	191833	20.00	ng	0.00
86) Perylene-d12	15.23	264	216631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	344404	83.42	ng	0.00
7) Phenol-d6	6.34	99	500786	90.80	ng	-0.02
23) Nitrobenzene-d5	7.26	82	312691	54.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	96851	62.57	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	623341	60.43	ng	-0.01
78) Terphenyl-d14	12.78	244	436356	44.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	39322	10.167	ng	# 79
25) Isophorone	7.26	82	312691	32.678	ng	# 67
49) Dimethylphthalate	9.72	163	34378	3.299	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	17232	7.630	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	17232	6.114	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5482	2.029	ng	# 1

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

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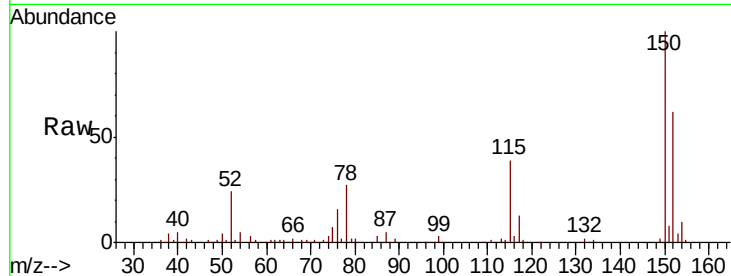


#1

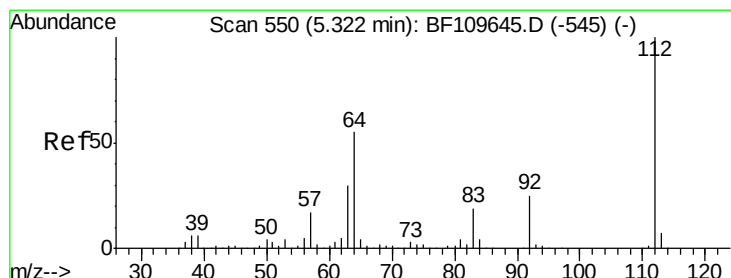
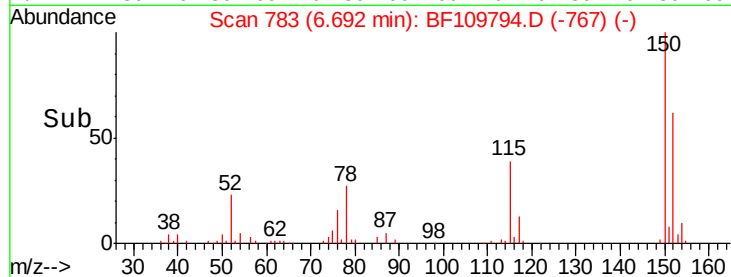
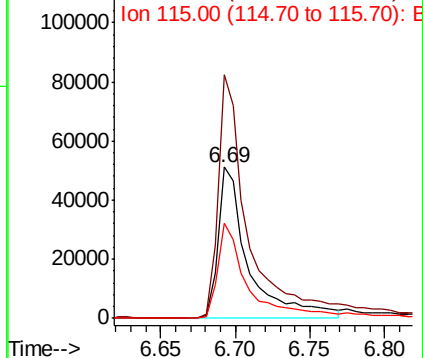
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_F
ClientSampleId :
SB-6-(2-2.5)

Tgt Ion:152 Resp: 73283
Ion Ratio Lower Upper
152 100
150 161.1 122.7 184.1
115 63.3 49.1 73.7



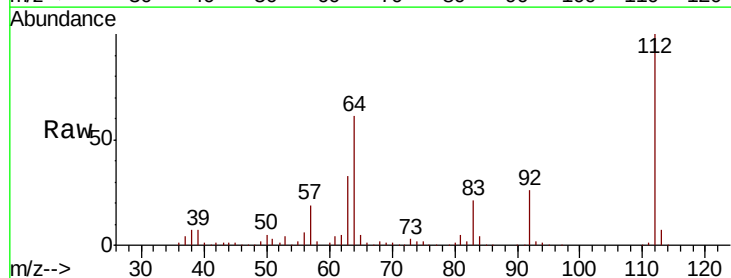
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



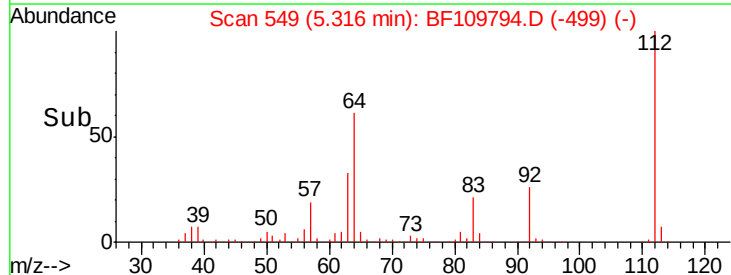
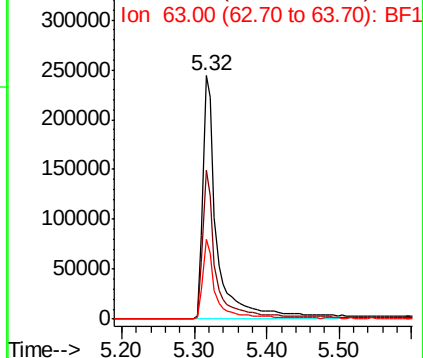
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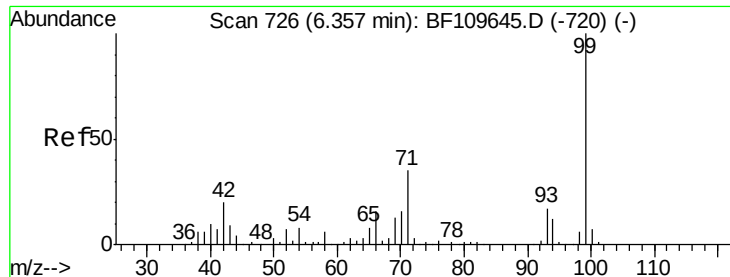
2-Fluorophenol
Concen: 83.420 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:112 Resp: 344404
Ion Ratio Lower Upper
112 100
64 61.0 44.1 66.1
63 32.9 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: 90.800 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109794.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_F

ClientSampleId :

SB-6-(2-2.5)

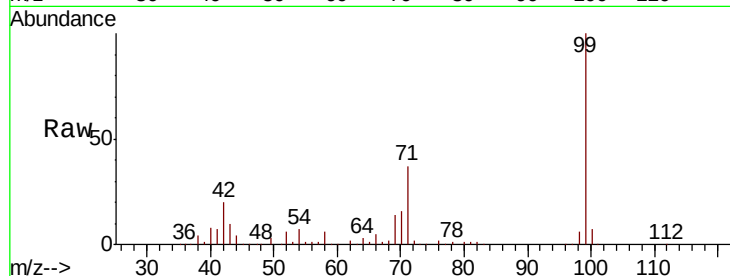
Tgt Ion: 99 Resp: 500786

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

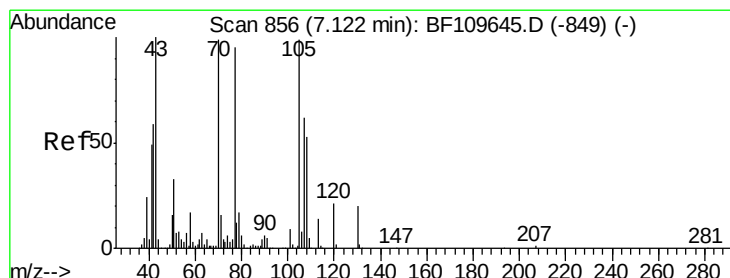
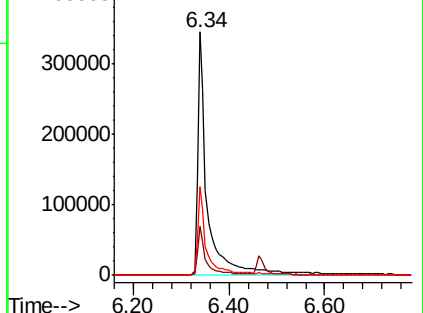
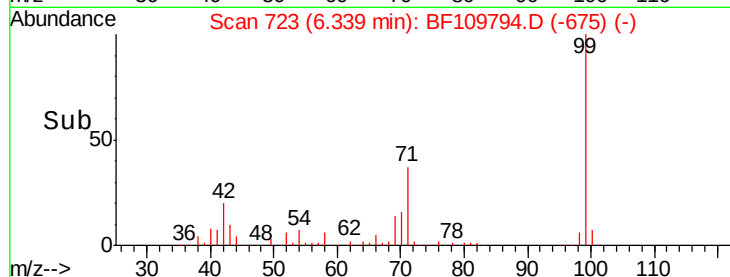
71 36.7 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.167 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109794.D

Acq: 11 Oct 2018 18:40

Tgt Ion: 70 Resp: 39322

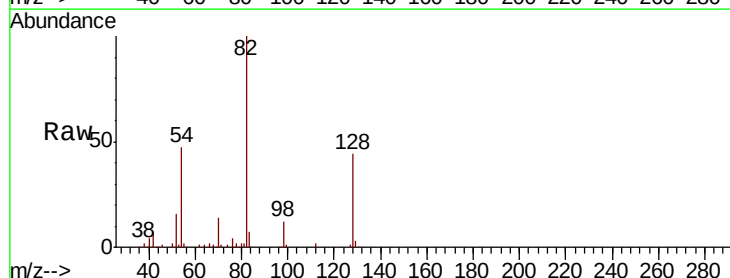
Ion Ratio Lower Upper

70 100

42 49.0 47.4 71.2

101 0.0 7.3 10.9#

130 1.6 16.2 24.2#

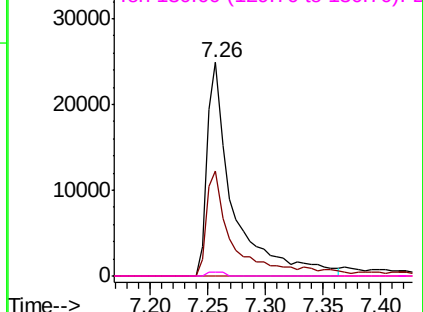
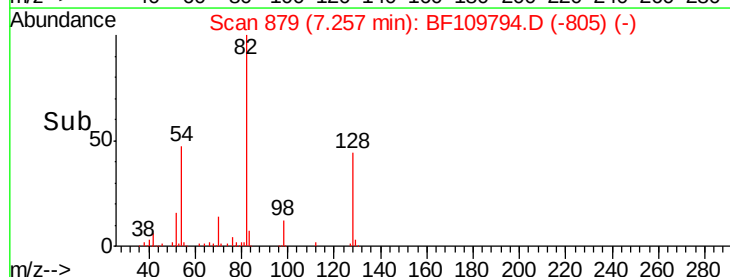


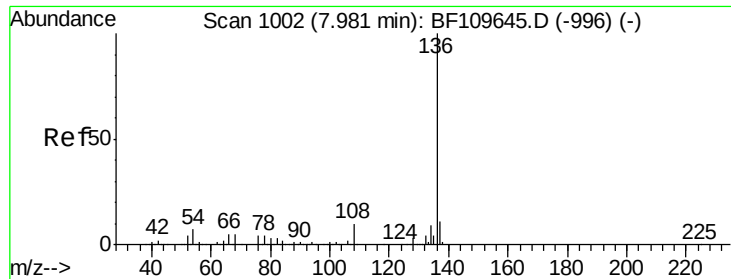
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

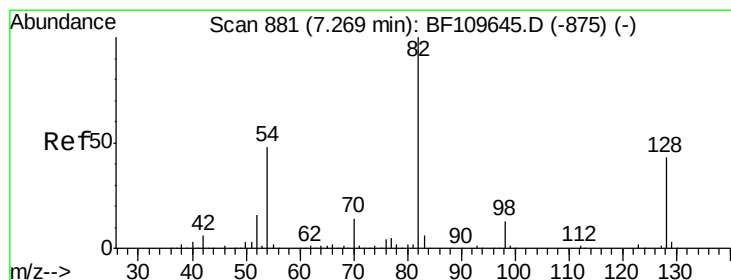
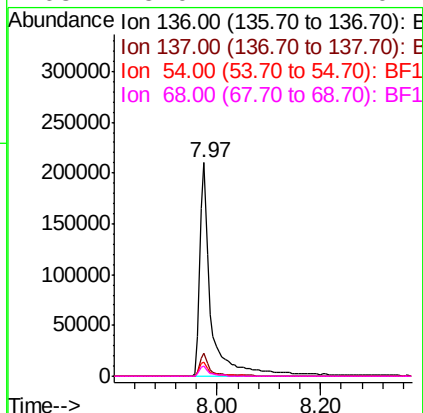
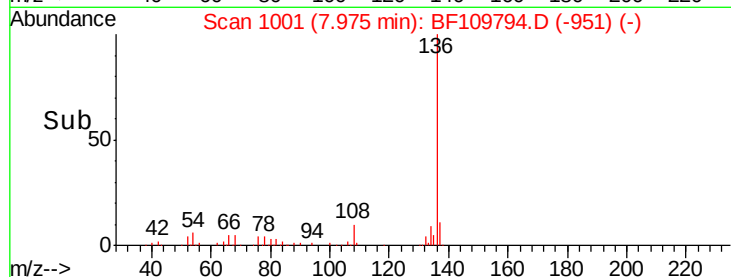
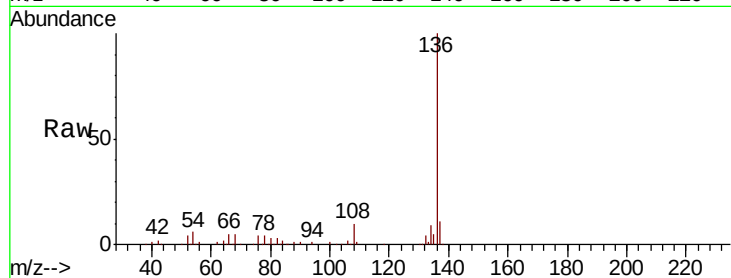




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

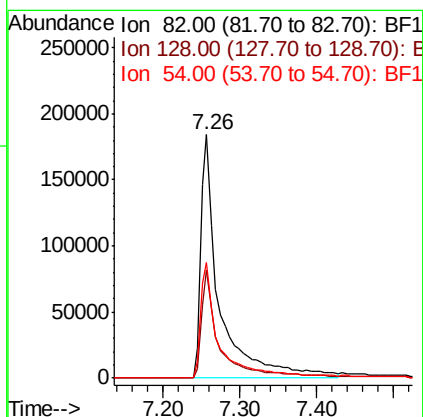
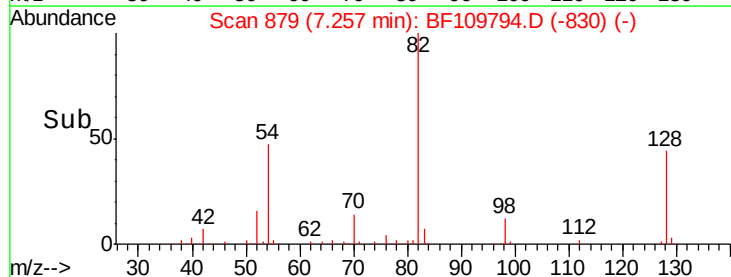
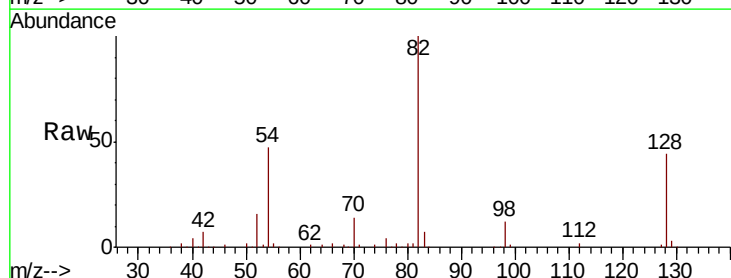
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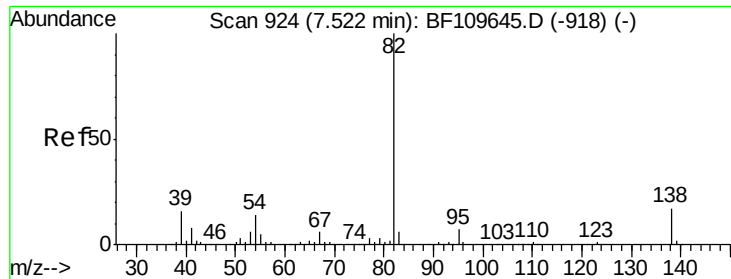
Tgt Ion:	136	Resp:	317641
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.4	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 54.264 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:	82	Resp:	312691
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	47.5	38.6	58.0

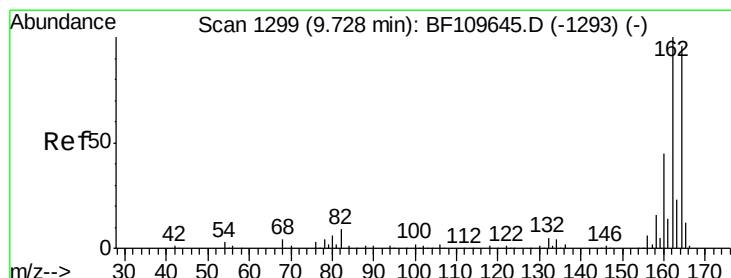
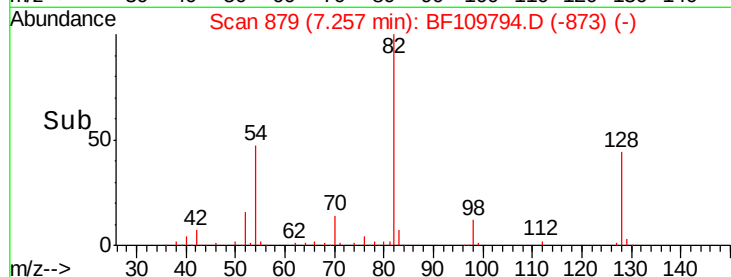
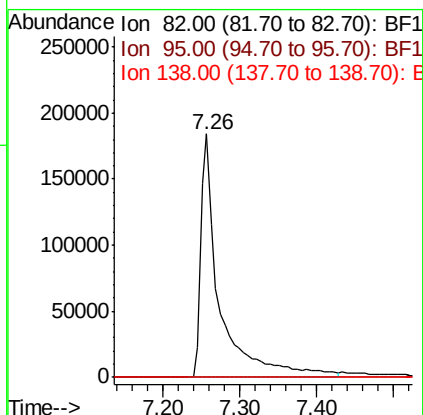
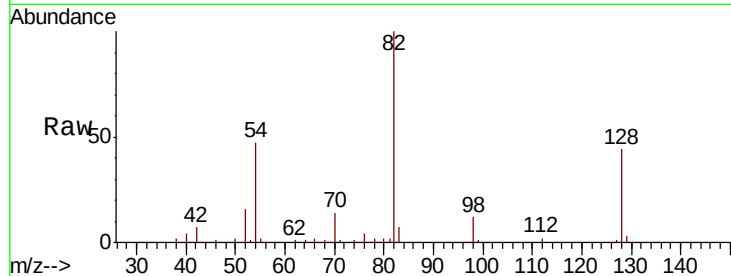




#25
Isophorone
Concen: 32.678 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

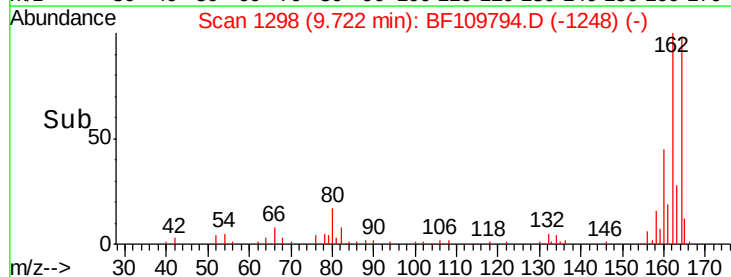
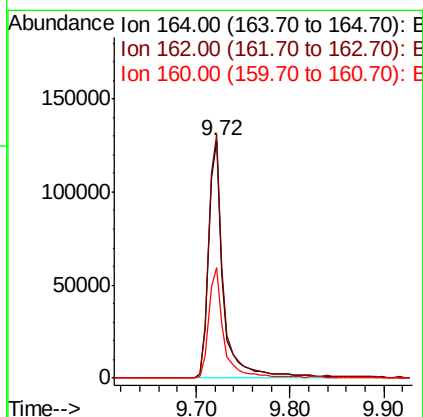
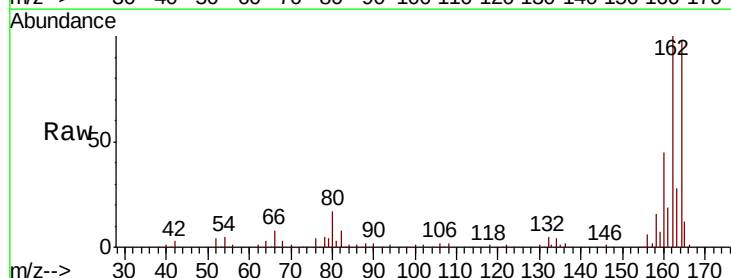
Instrument :
BNA_F
ClientSampleId :
SB-6-(2-2.5)

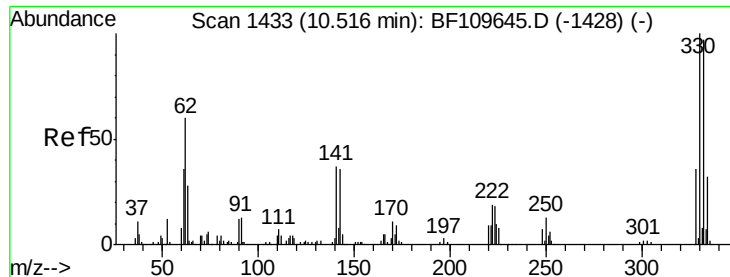
Tgt Ion: 82 Resp: 312691
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion: 164 Resp: 142068
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.6
160 46.6 37.0 55.6

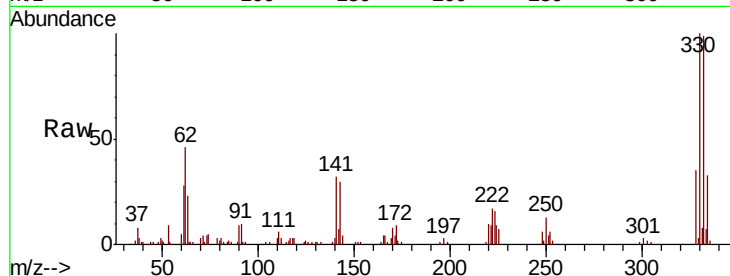




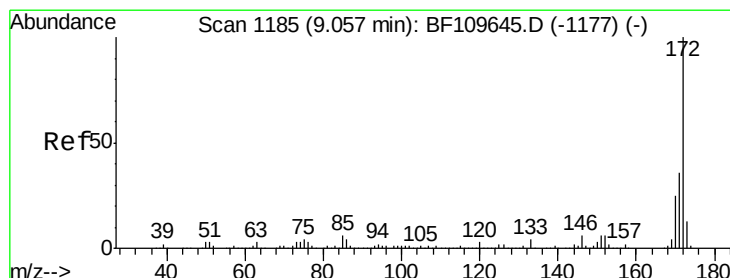
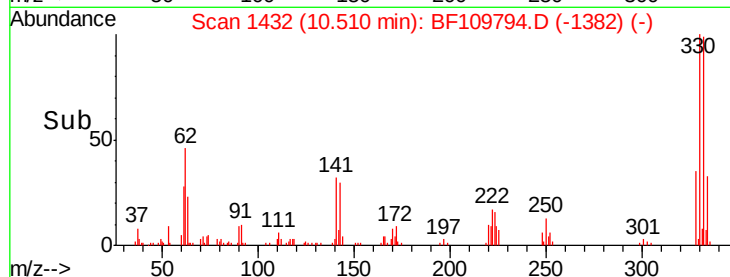
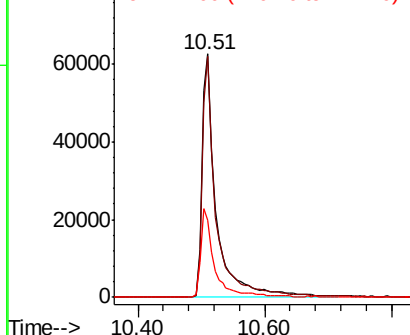
#41
 2,4,6-Tribromophenol
 Concen: 62.566 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(2-2.5)

Tgt Ion:330 Resp: 96851
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.1 115.7
 141 35.1 27.0 40.4

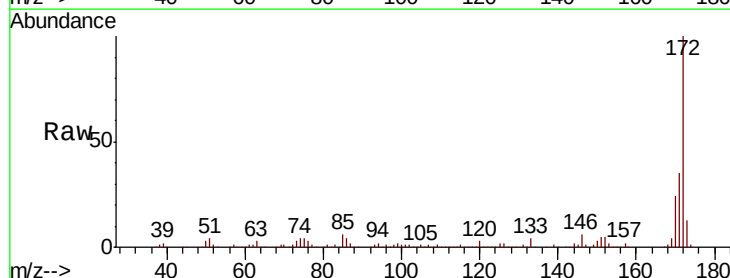


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

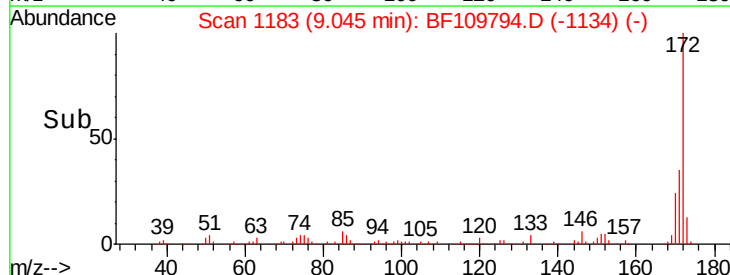
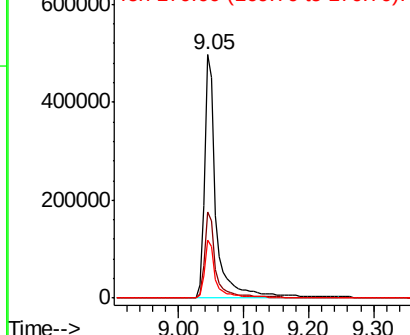


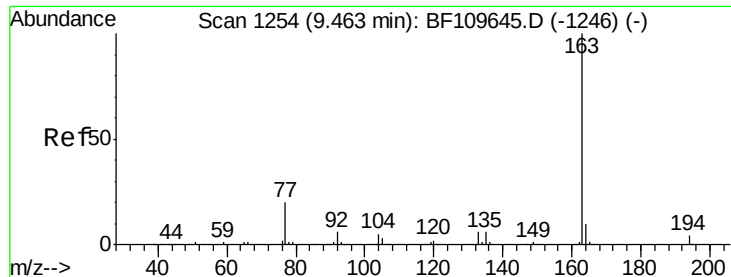
#44
 2-Fluorobiphenyl
 Concen: 60.429 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109794.D
 Acq: 11 Oct 2018 18:40

Tgt Ion:172 Resp: 623341
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

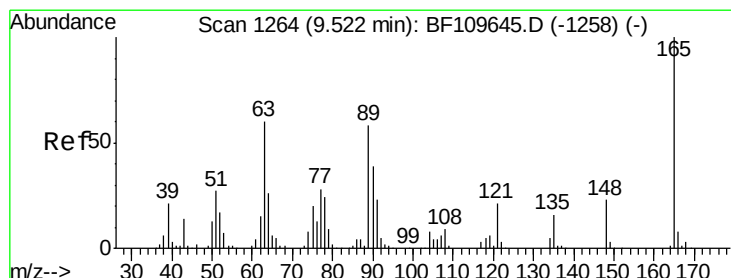
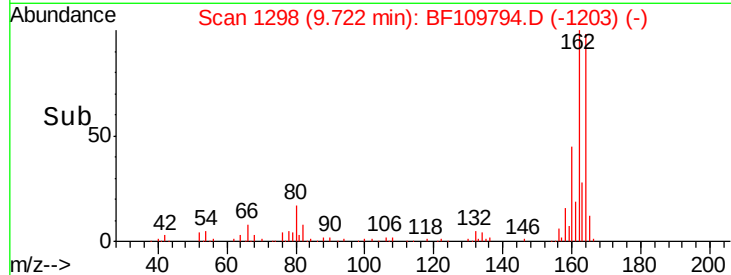
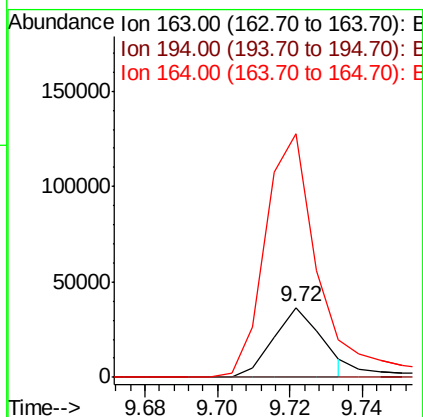
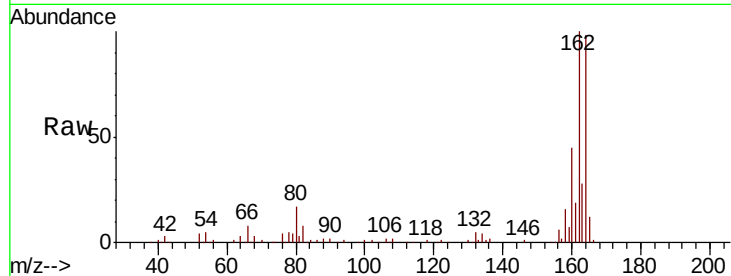




#49
Dimethylphthalate
Concen: 3.299 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

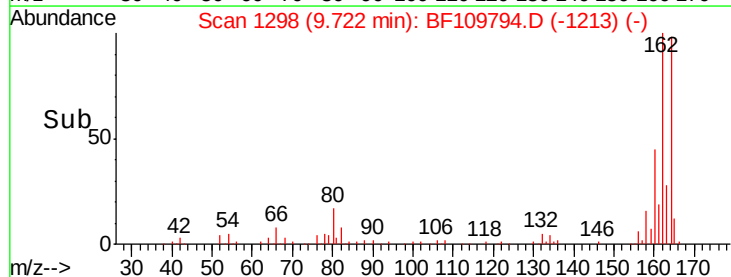
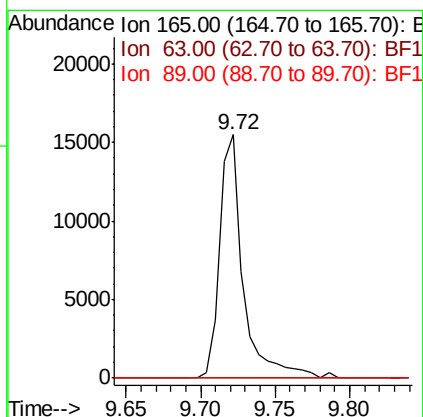
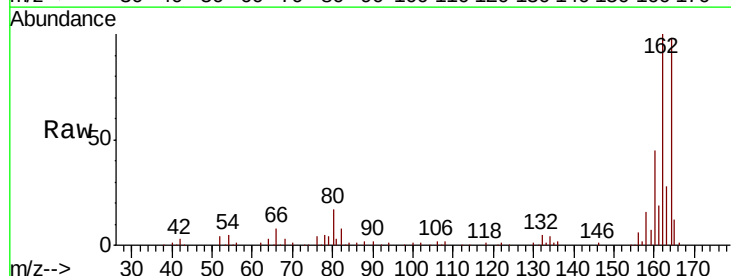
Instrument :
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SB-6-(2-2.5)

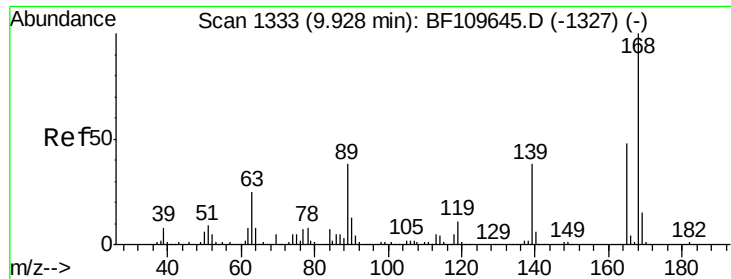
Tgt Ion:163 Resp: 34378
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 349.4 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:165 Resp: 17232
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#

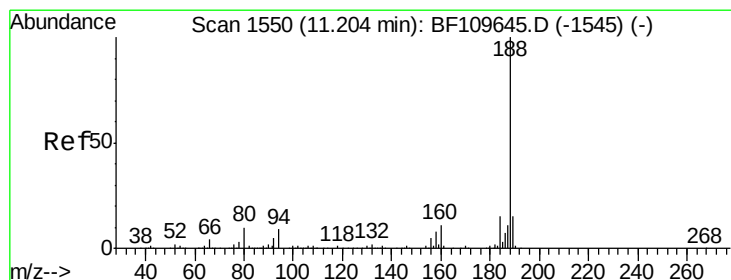
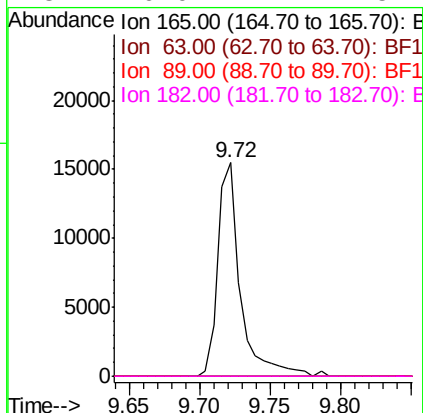
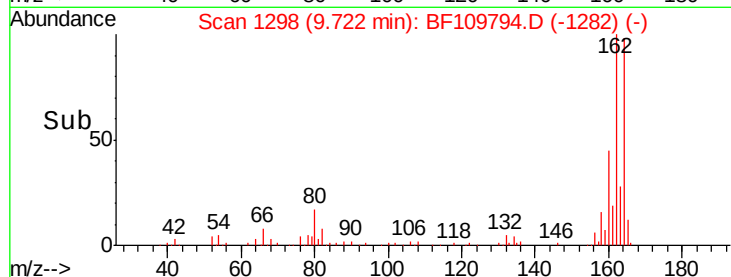
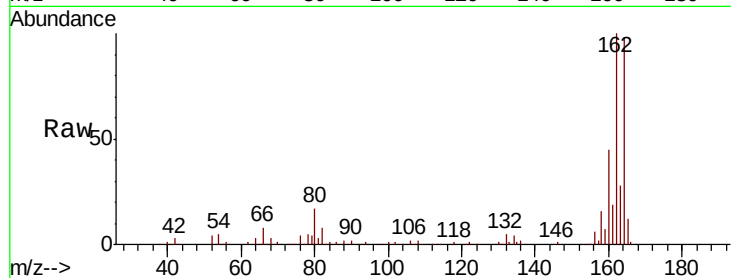




#56
2,4-Dinitrotoluene
Concen: 6.114 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

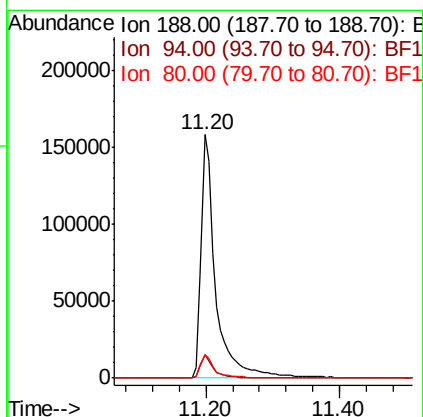
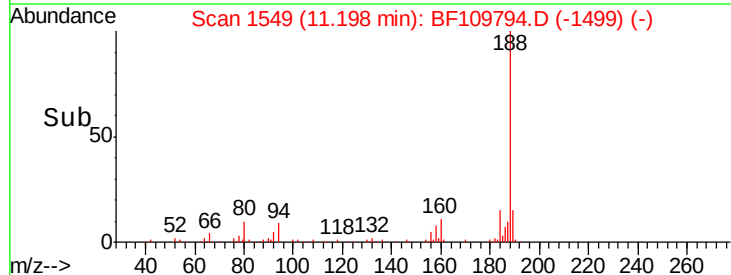
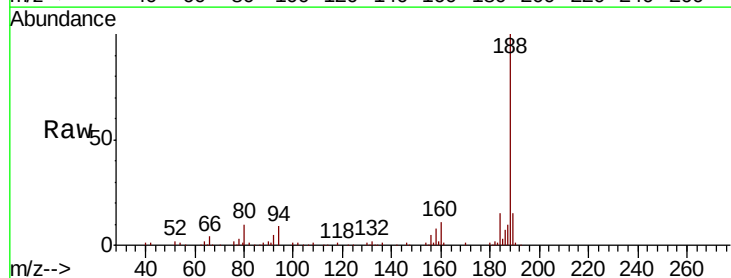
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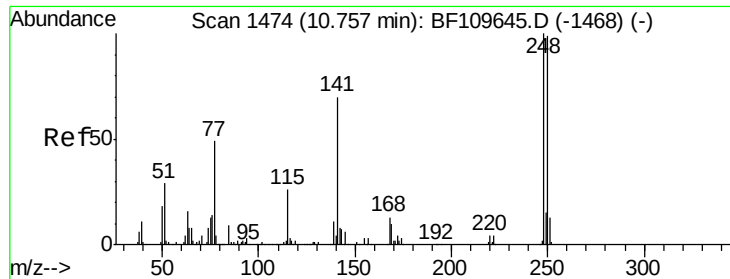
Tgt Ion:165 Resp: 17232
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion:188 Resp: 235195
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.9 7.9 11.9

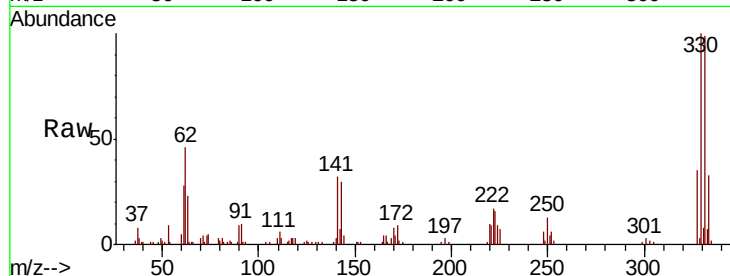




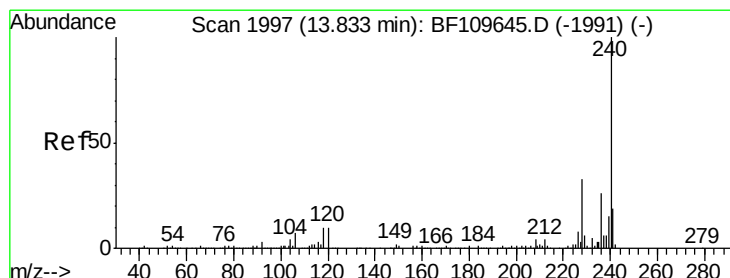
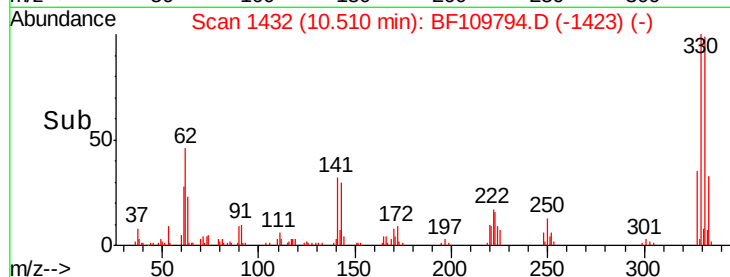
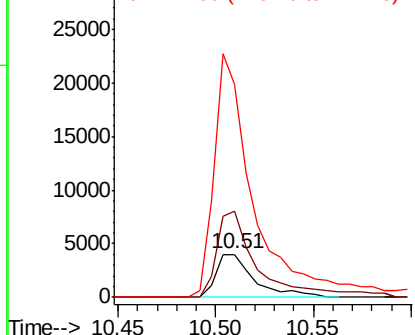
#66
4-Bromophenyl-phenylether
Concen: 2.029 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_F
ClientSampleId :
SB-6-(2-2.5)

Tgt Ion: 248 Resp: 5482
Ion Ratio Lower Upper
248 100
250 201.9 79.4 119.2#
141 496.2 55.9 83.9#

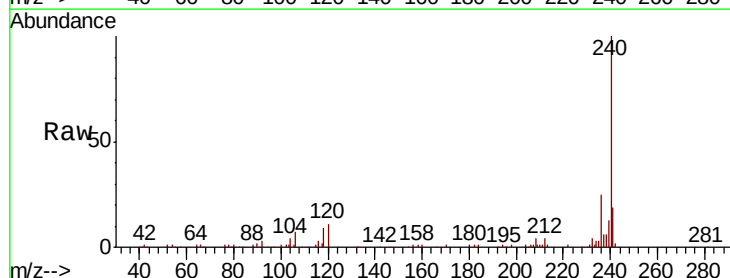


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

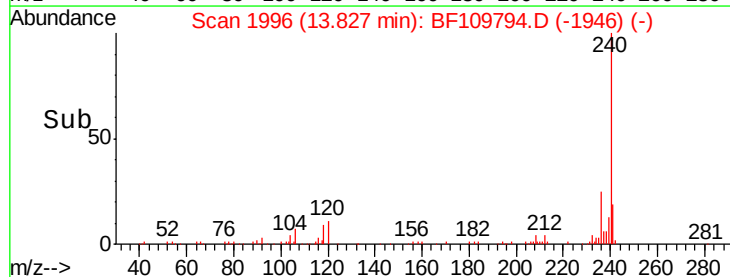
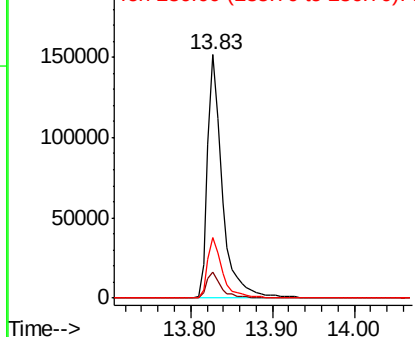


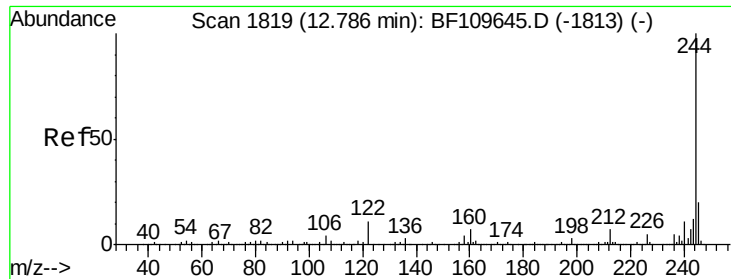
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109794.D
Acq: 11 Oct 2018 18:40

Tgt Ion: 240 Resp: 191833
Ion Ratio Lower Upper
240 100
120 10.5 8.3 12.5
236 24.8 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: 44.034 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109794.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_F

ClientSampleId :

SB-6-(2-2.5)

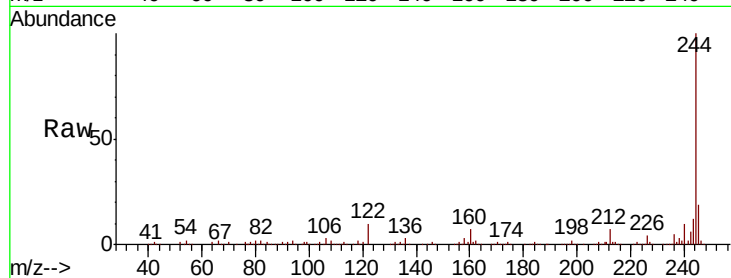
Tgt Ion:244 Resp: 436356

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

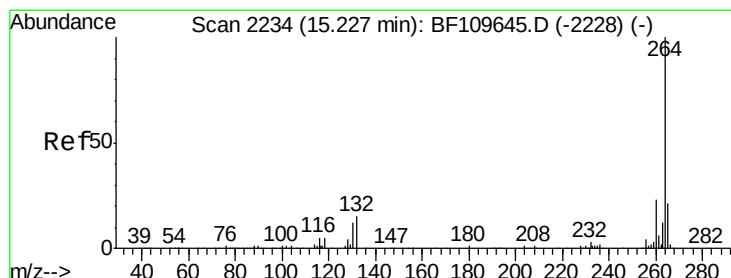
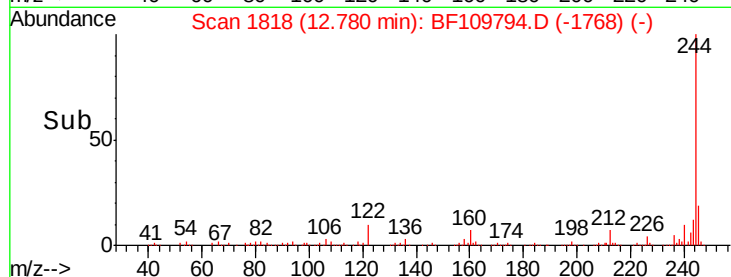
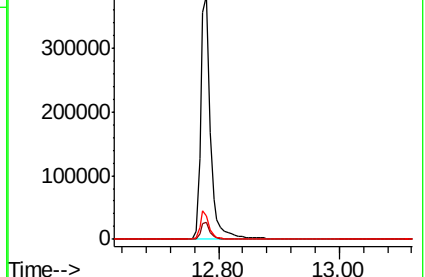
122 9.6 8.7 13.1



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: BF109794.D

Acq: 11 Oct 2018 18:40

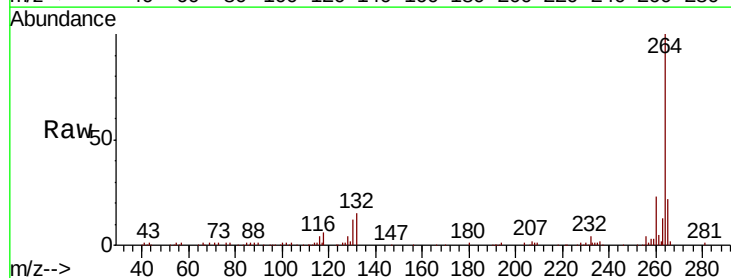
Tgt Ion:264 Resp: 216631

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.6 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

