

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111034.D
 Acq On : 28 Nov 2018 3:26
 Operator : JU/SJ
 Sample : J5070-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-U-B

Quant Time: Nov 28 04:02:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

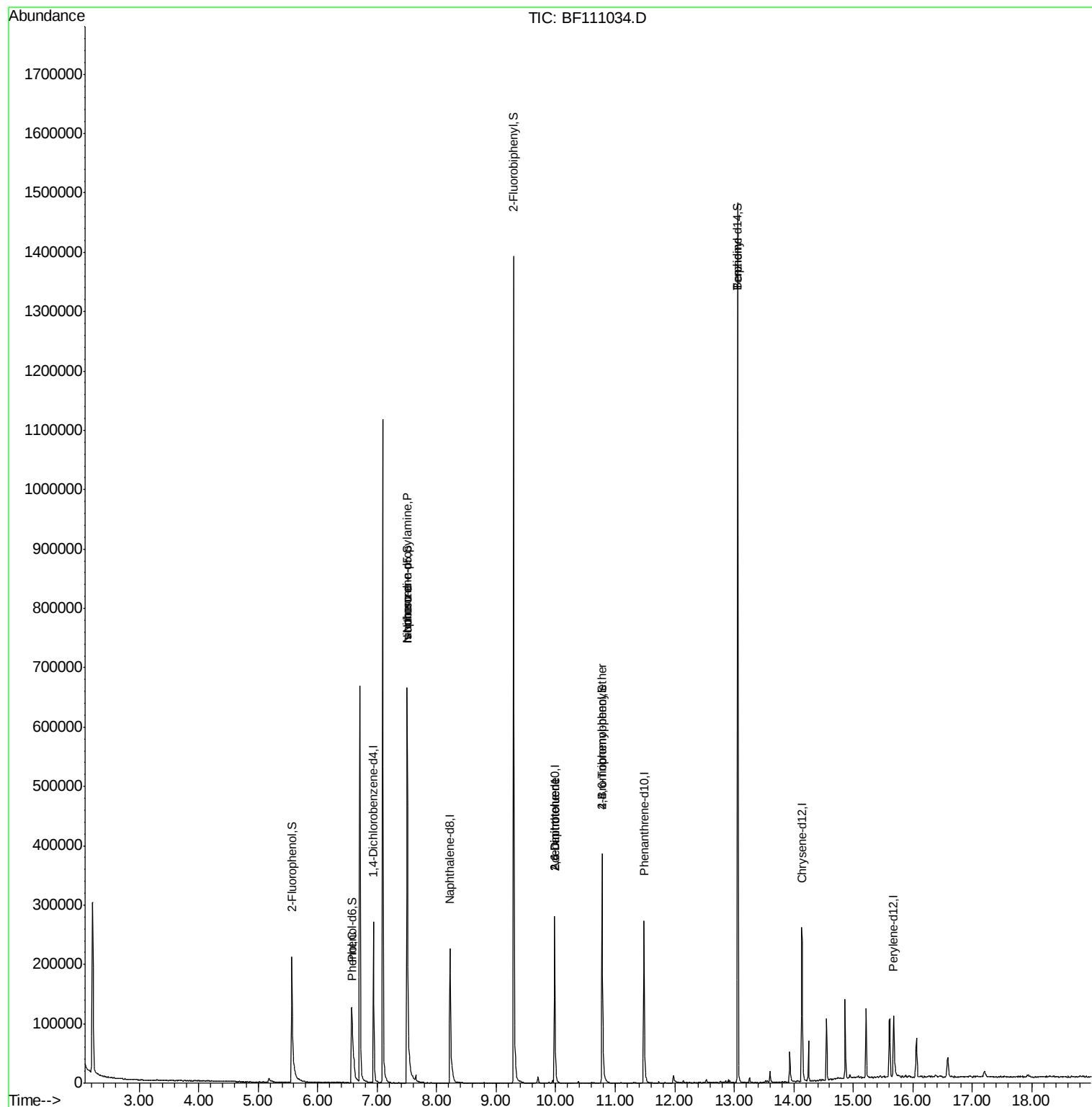
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	45792	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	170443	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	67862	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	133038	20.00	ng	0.00
76) Chrysene-d12	14.13	240	111740	20.00	ng	0.00
87) Perylene-d12	15.67	264	69762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	115023	41.65	ng	0.01
7) Phenol-d6	6.57	99	79568	22.11	ng	0.00
23) Nitrobenzene-d5	7.50	82	274696	92.24	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60566	89.87	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	456170	97.39	ng	0.00
79) Terphenyl-d14	13.06	244	486009	84.67	ng	0.00
Target Compounds						
10) Phenol	6.59	94	17810	4.395	ng	# 76
19) n-Nitroso-di-n-propylamine	7.50	70	35876	15.305	ng	# 79
25) Isophorone	7.50	82	274696	56.229	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8087	7.299	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8087	5.626	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3452	2.383	ng	# 1
77) Benzidine	13.06	184	6648	2.326	ng	95

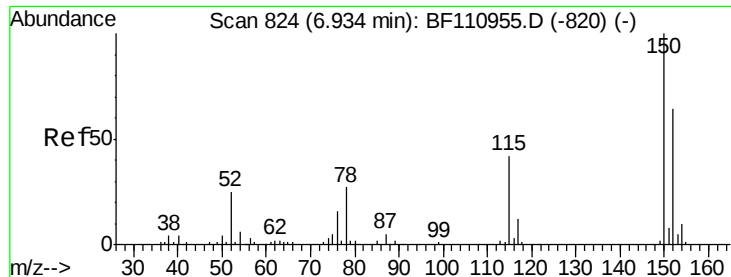
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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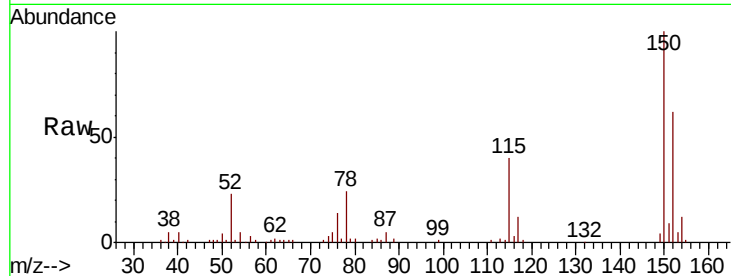


#1

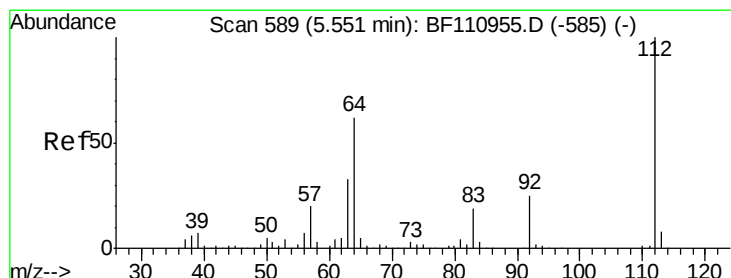
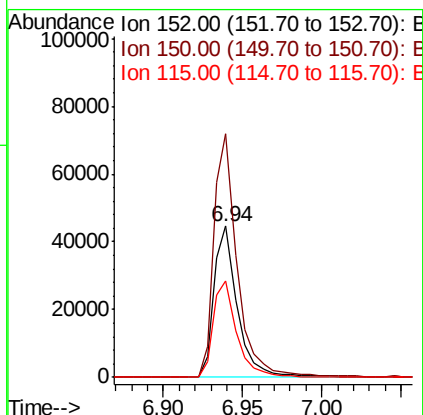
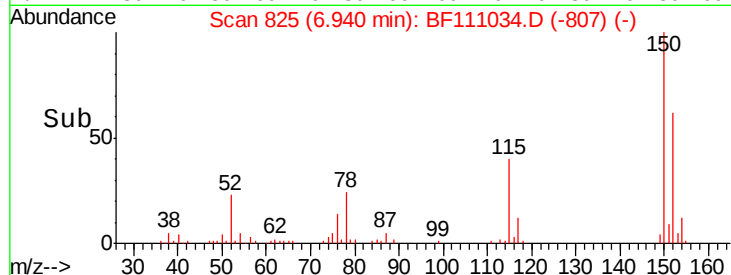
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111034.D
Acq: 28 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-U-B

Tgt Ion:152 Resp: 45792
Ion Ratio Lower Upper
152 100
150 160.9 122.7 184.1
115 63.9 49.1 73.7



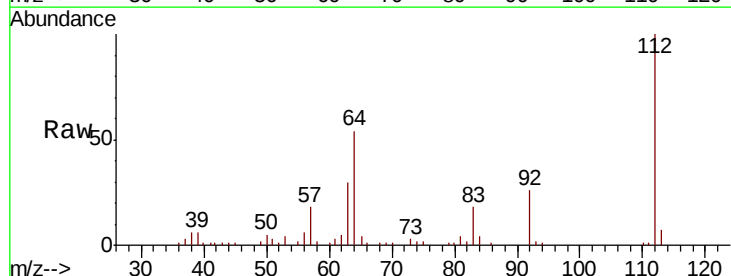
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



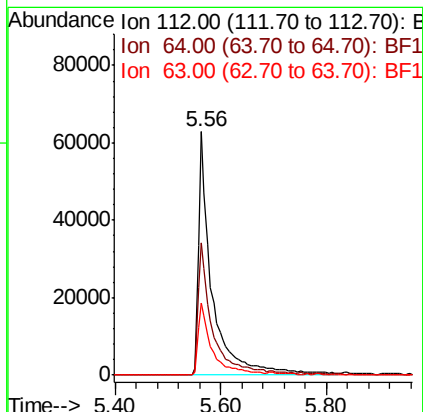
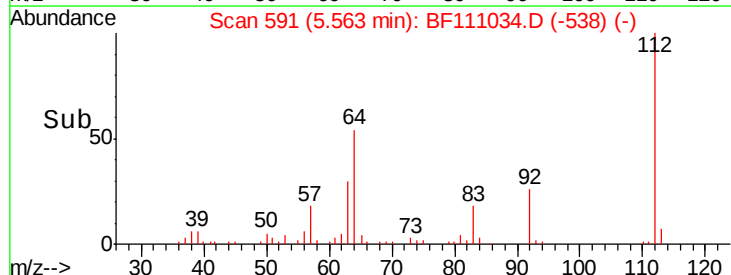
#5

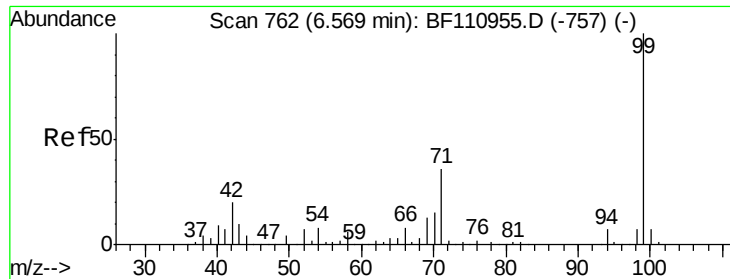
2-Fluorophenol
Concen: 41.655 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111034.D
Acq: 28 Nov 2018 3:26

Tgt Ion:112 Resp: 115023
Ion Ratio Lower Upper
112 100
64 54.4 44.1 66.1
63 29.8 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: 22.111 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-U-B

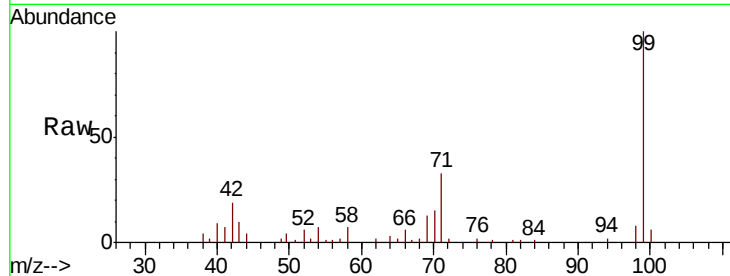
Tgt Ion: 99 Resp: 79568

Ion Ratio Lower Upper

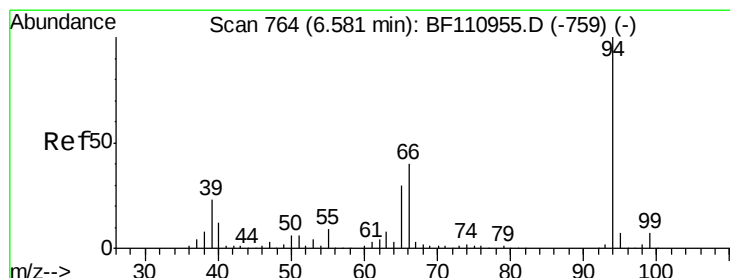
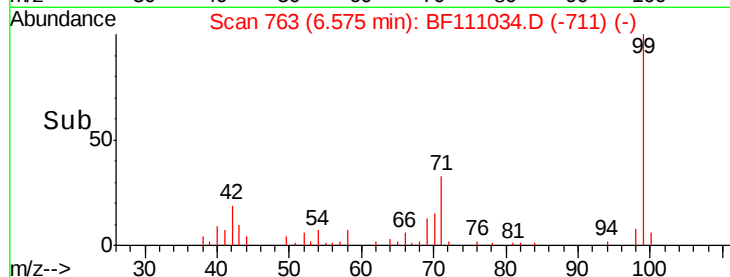
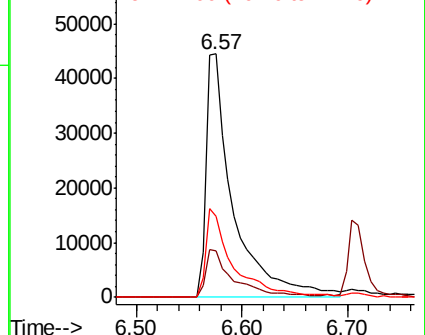
99 100

42 19.0 15.8 23.6

71 33.5 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: 4.395 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

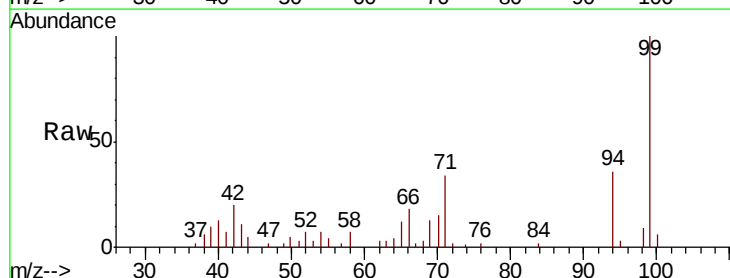
Tgt Ion: 94 Resp: 17810

Ion Ratio Lower Upper

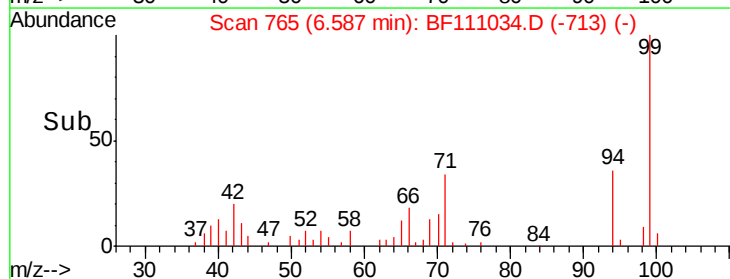
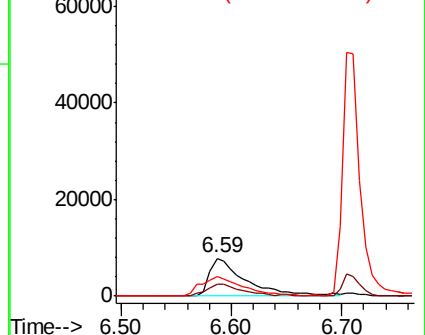
94 100

65 32.8 25.3 65.3

66 51.4 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

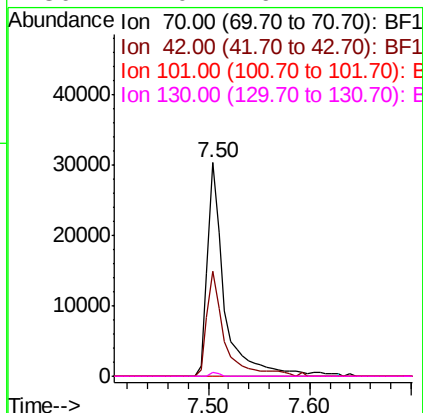
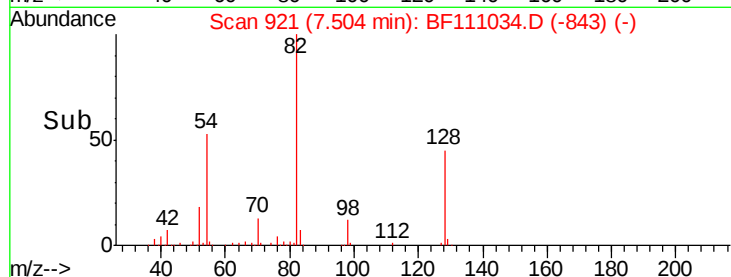
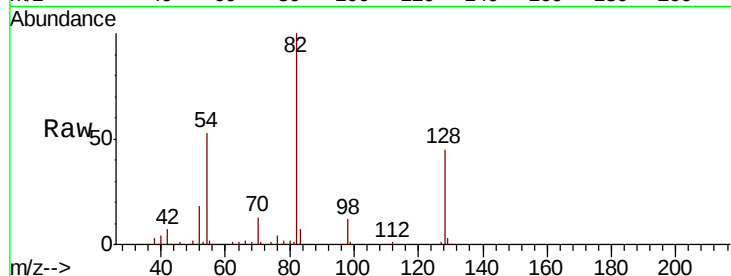




#19
n-Nitroso-di-n-propylamine
Concen: 15.305 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111034.D
Acq: 28 Nov 2018 3:26

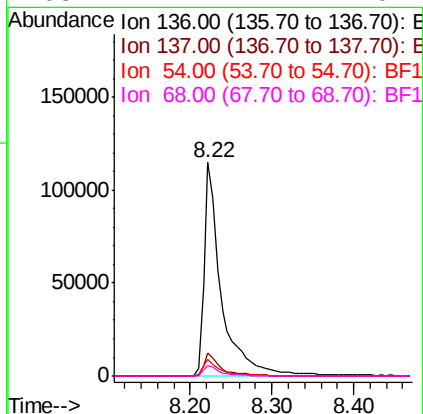
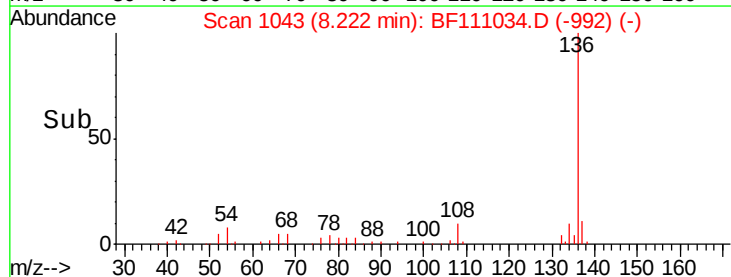
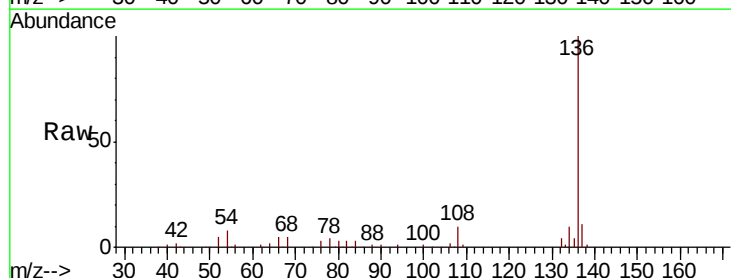
Instrument :
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112418-CHDE-F-U-B

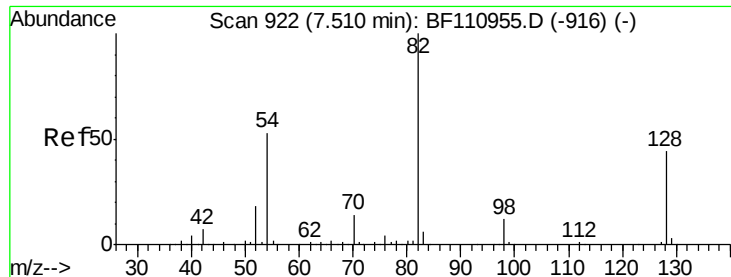
Tgt Ion: 70 Resp: 35876
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111034.D
Acq: 28 Nov 2018 3:26

Tgt Ion: 136 Resp: 170443
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 5.4 8.2
68 4.7 4.2 6.2

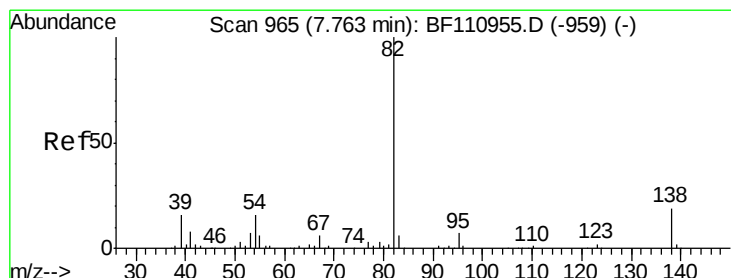
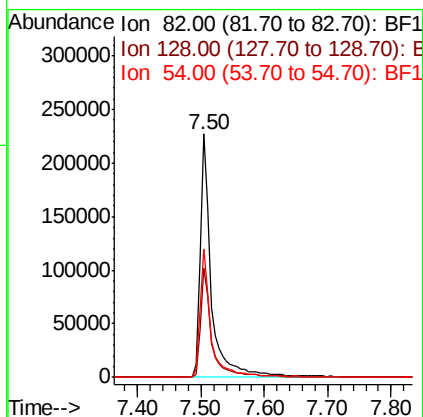
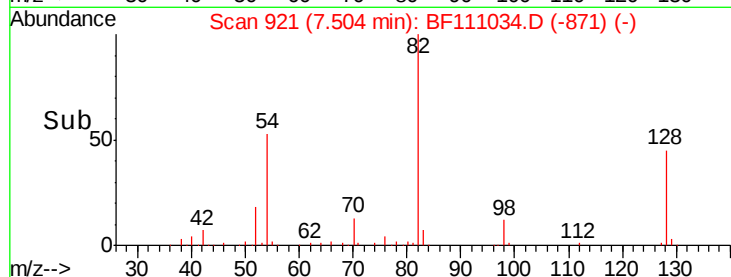
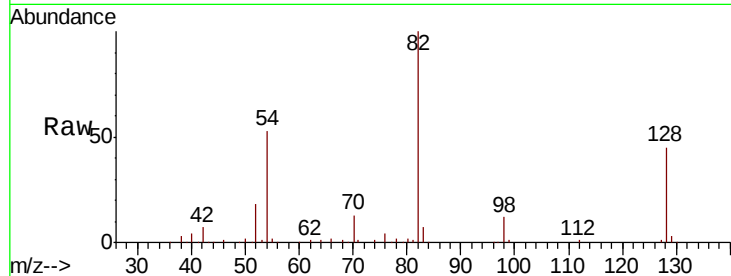




#23
 Nitrobenzene-d5
 Concen: 92.236 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

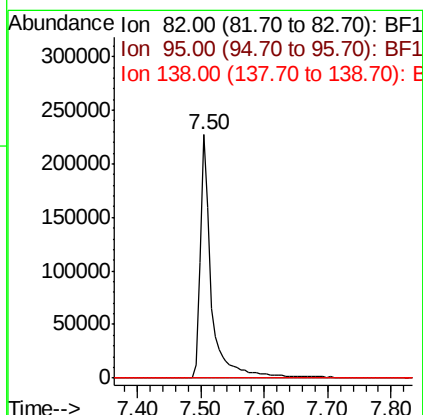
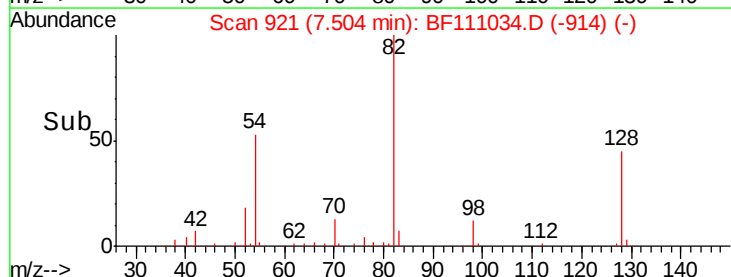
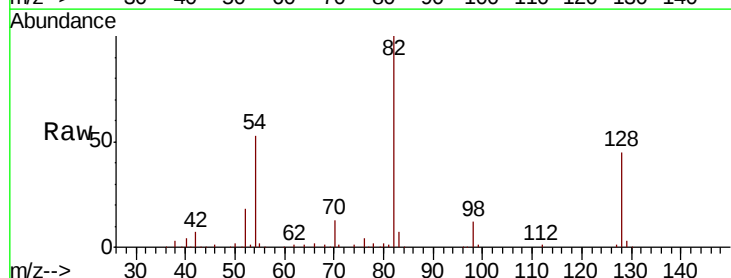
Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-U-B

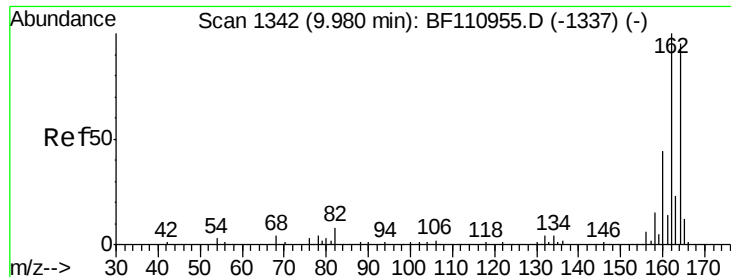
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	52.7	38.6	58.0



#25
 Isophorone
 Concen: 56.229 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-U-B

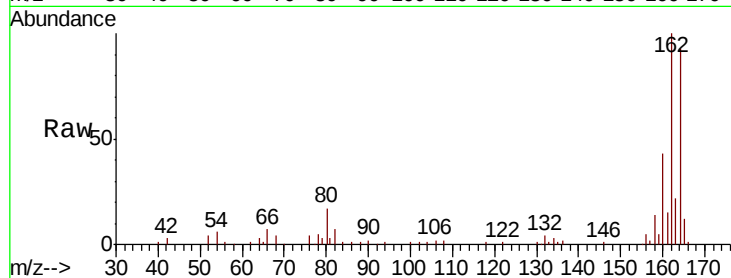
Tgt Ion:164 Resp: 67862

Ion Ratio Lower Upper

164 100

162 107.8 83.0 124.6

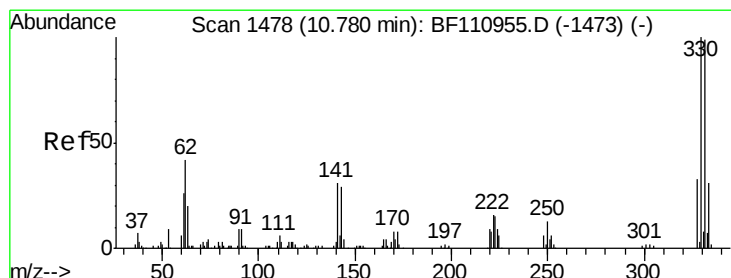
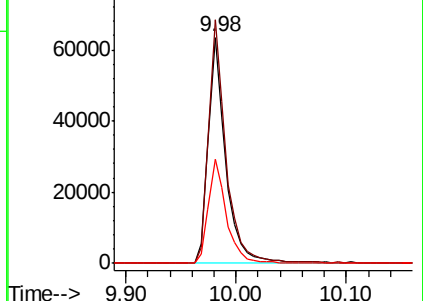
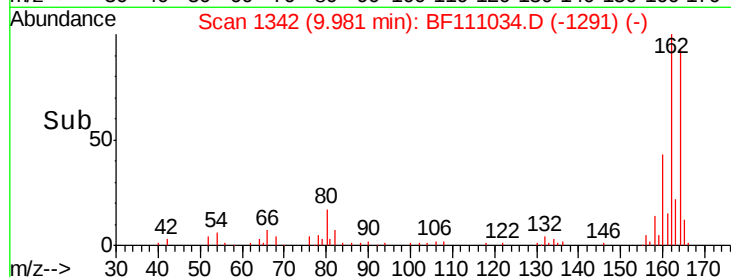
160 46.3 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 89.866 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

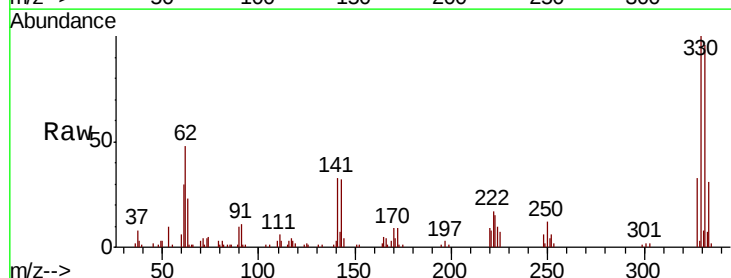
Tgt Ion:330 Resp: 60566

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

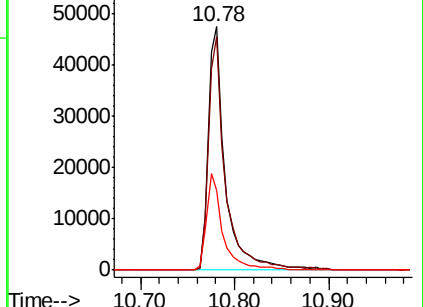
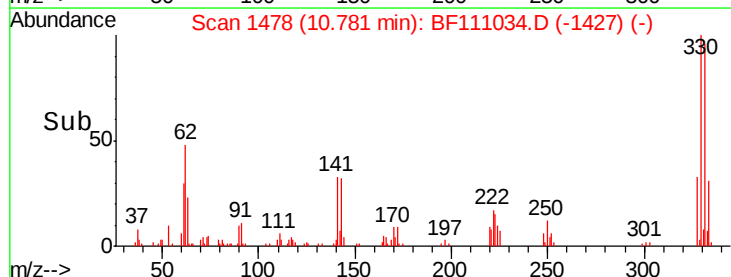
141 37.6 27.0 40.4



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

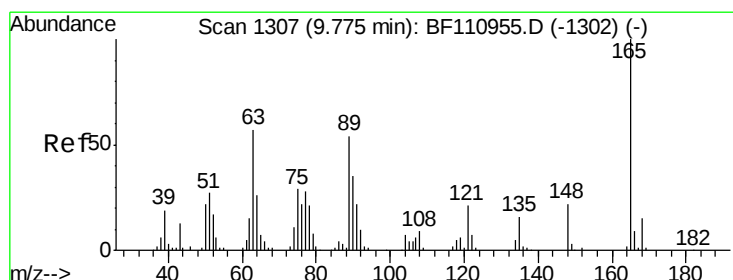
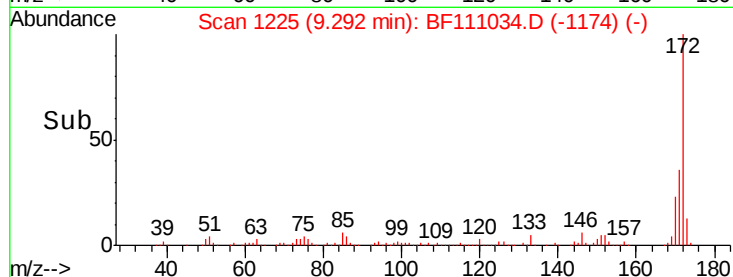
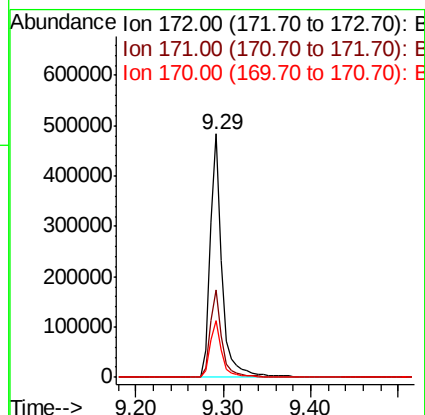
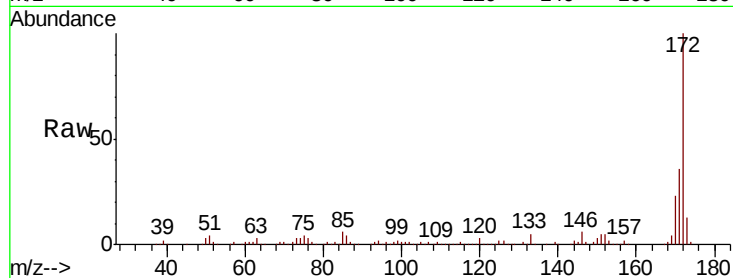




#45
 2-Fluorobiphenyl
 Concen: 97.387 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

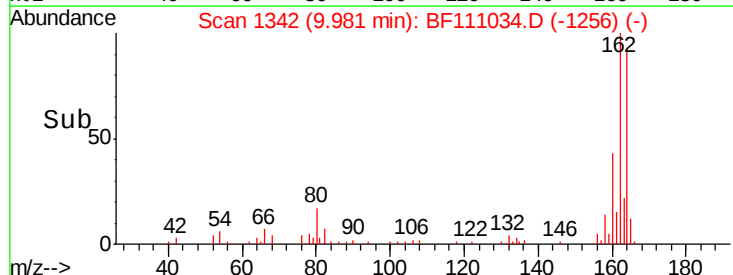
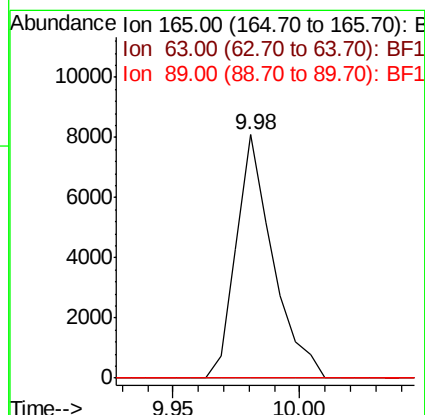
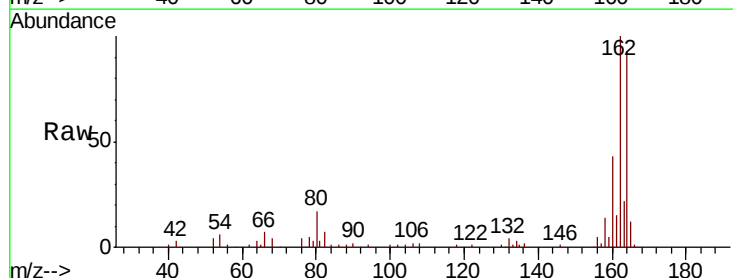
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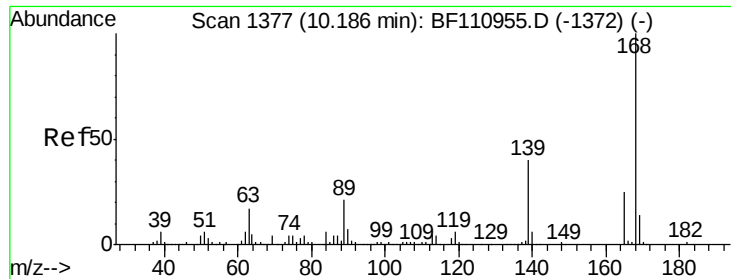
Tgt Ion:172 Resp: 456170
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.3 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 7.299 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

Tgt Ion:165 Resp: 8087
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#

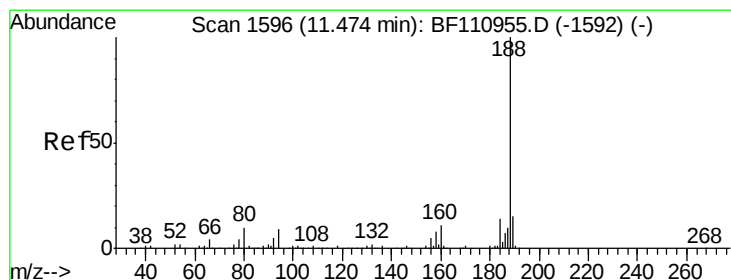
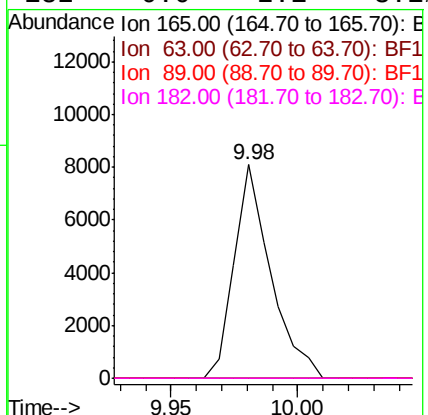
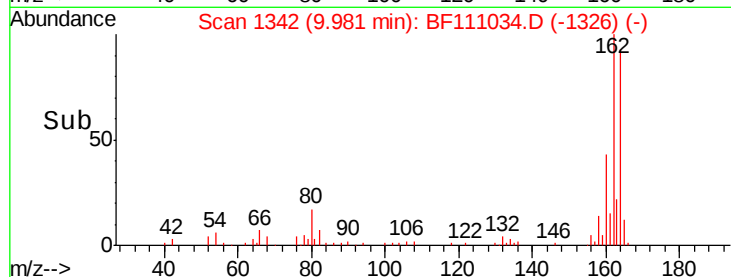
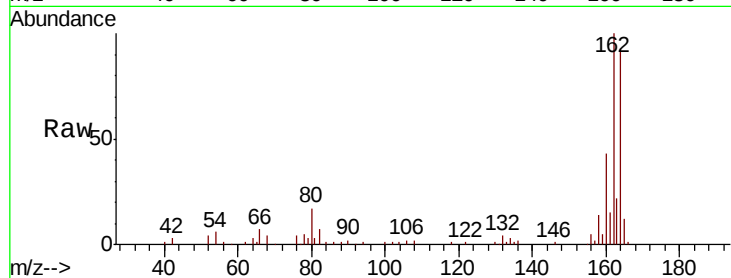




#57
 2,4-Dinitrotoluene
 Concen: 5.626 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

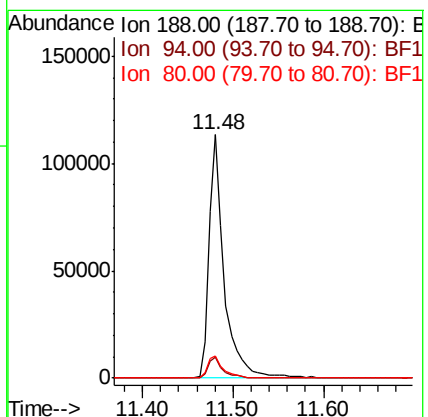
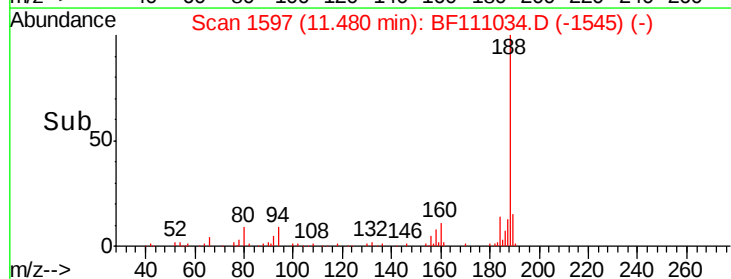
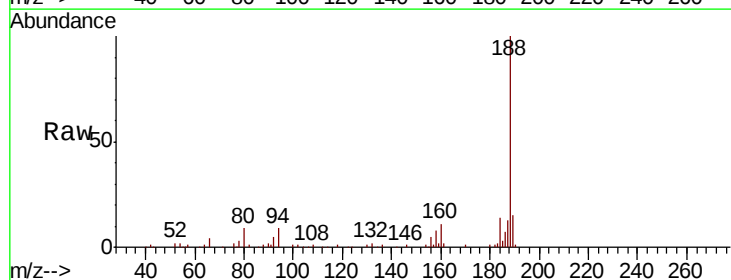
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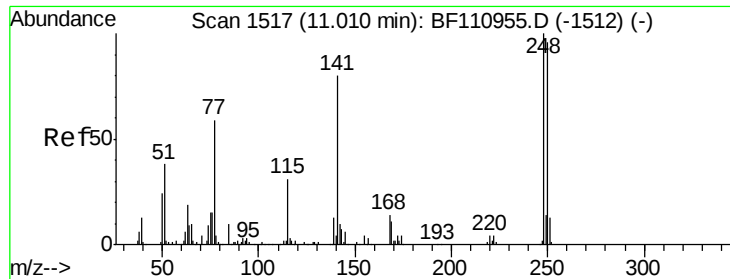
Tgt Ion:	165	Resp:	8087
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

Tgt Ion:	188	Resp:	133038
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.9	7.9	11.9

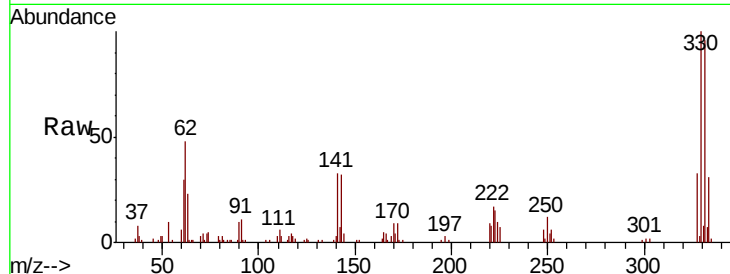




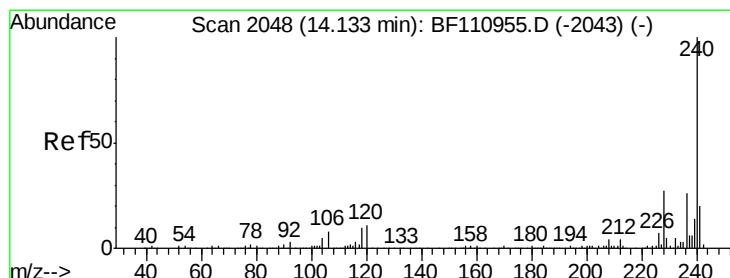
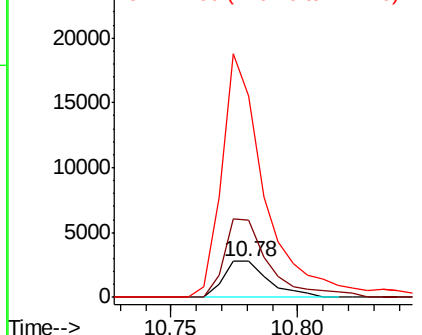
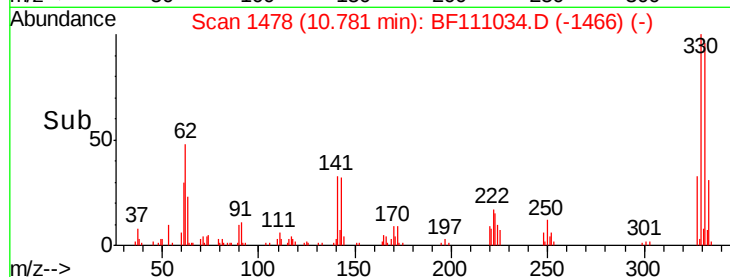
#67
 4-Bromophenyl-phenylether
 Concen: 2.383 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-U-B

Tgt Ion:248 Resp: 3452
 Ion Ratio Lower Upper
 248 100
 250 212.6 79.4 119.2#
 141 557.4 55.9 83.9#

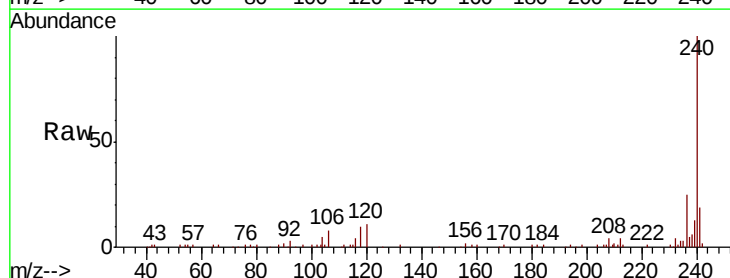


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

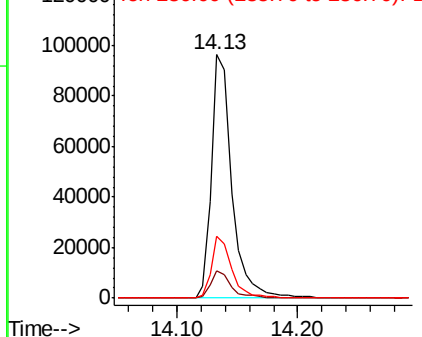
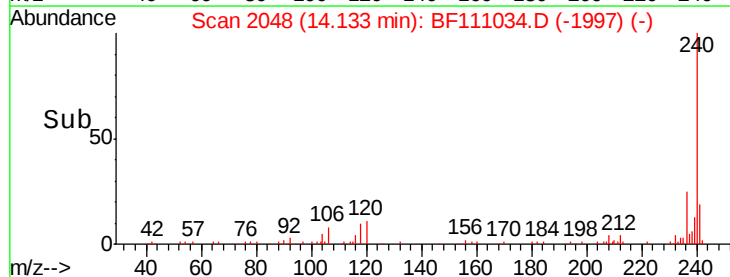


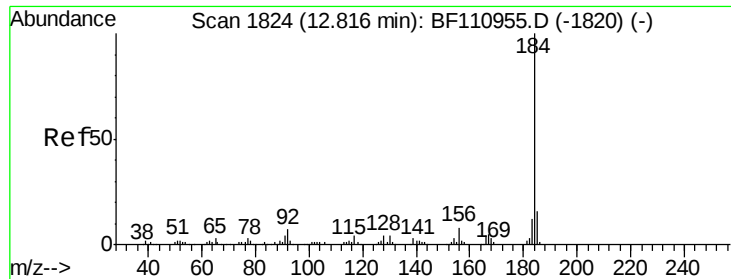
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF111034.D
 Acq: 28 Nov 2018 3:26

Tgt Ion:240 Resp: 111740
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.2 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





#77

Benzidine

Concen: 2.326 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-U-B

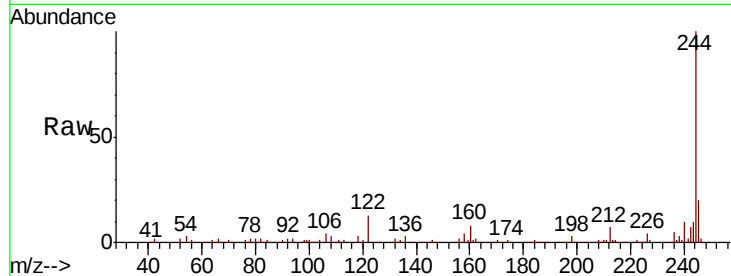
Tgt Ion:184 Resp: 6648

Ion Ratio Lower Upper

184 100

185 18.5 13.4 20.2

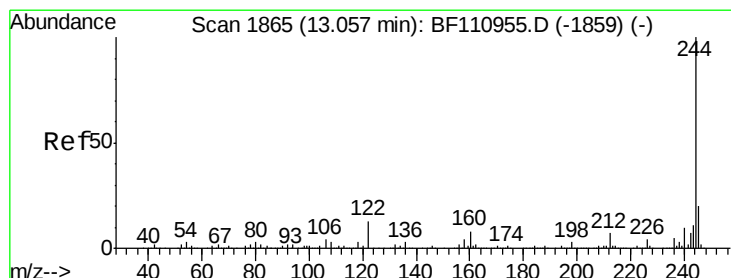
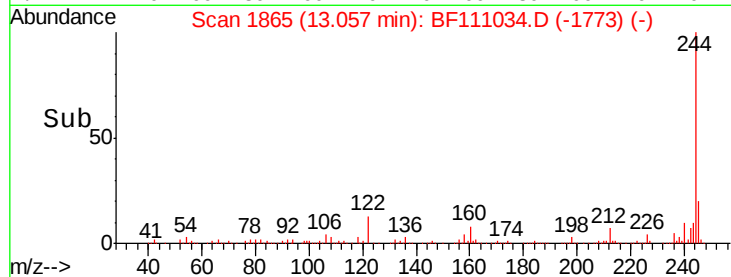
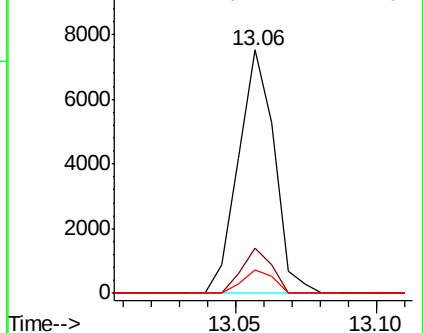
183 9.6 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 84.668 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF111034.D

Acq: 28 Nov 2018 3:26

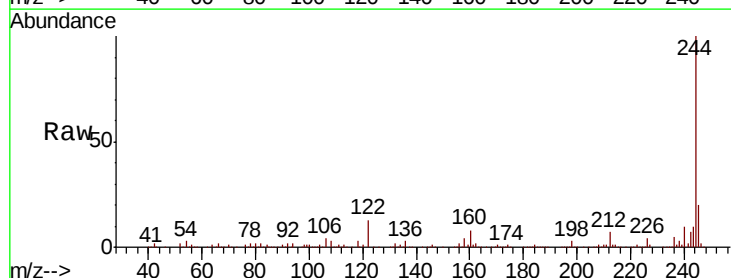
Tgt Ion:244 Resp: 486009

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

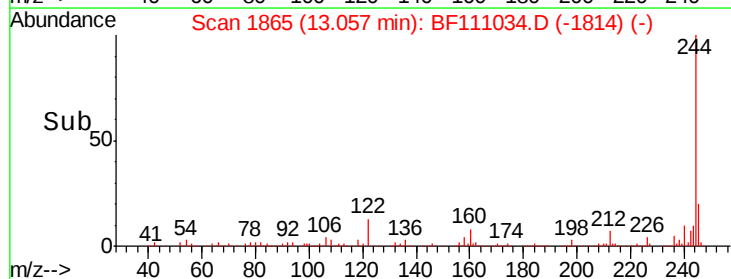
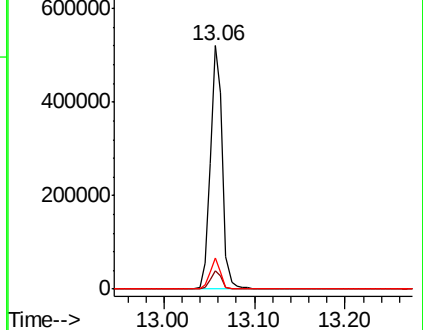
122 13.0 8.7 13.1

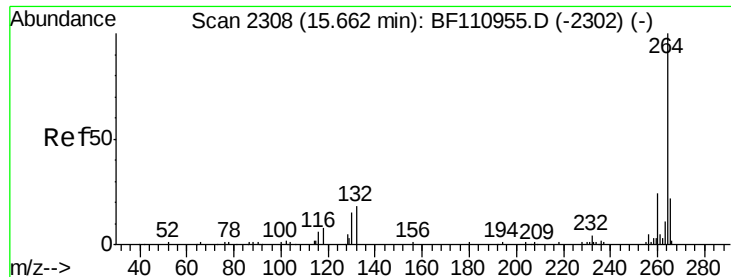


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111034.D
Acq: 28 Nov 2018 3:26

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-U-B

Tgt Ion: 264 Resp: 69762
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 20.7 16.7 25.1

