

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111027.D
 Acq On : 28 Nov 2018 00:13
 Operator : JU/SJ
 Sample : J5070-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-D-S

Quant Time: Nov 28 03:15:56 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

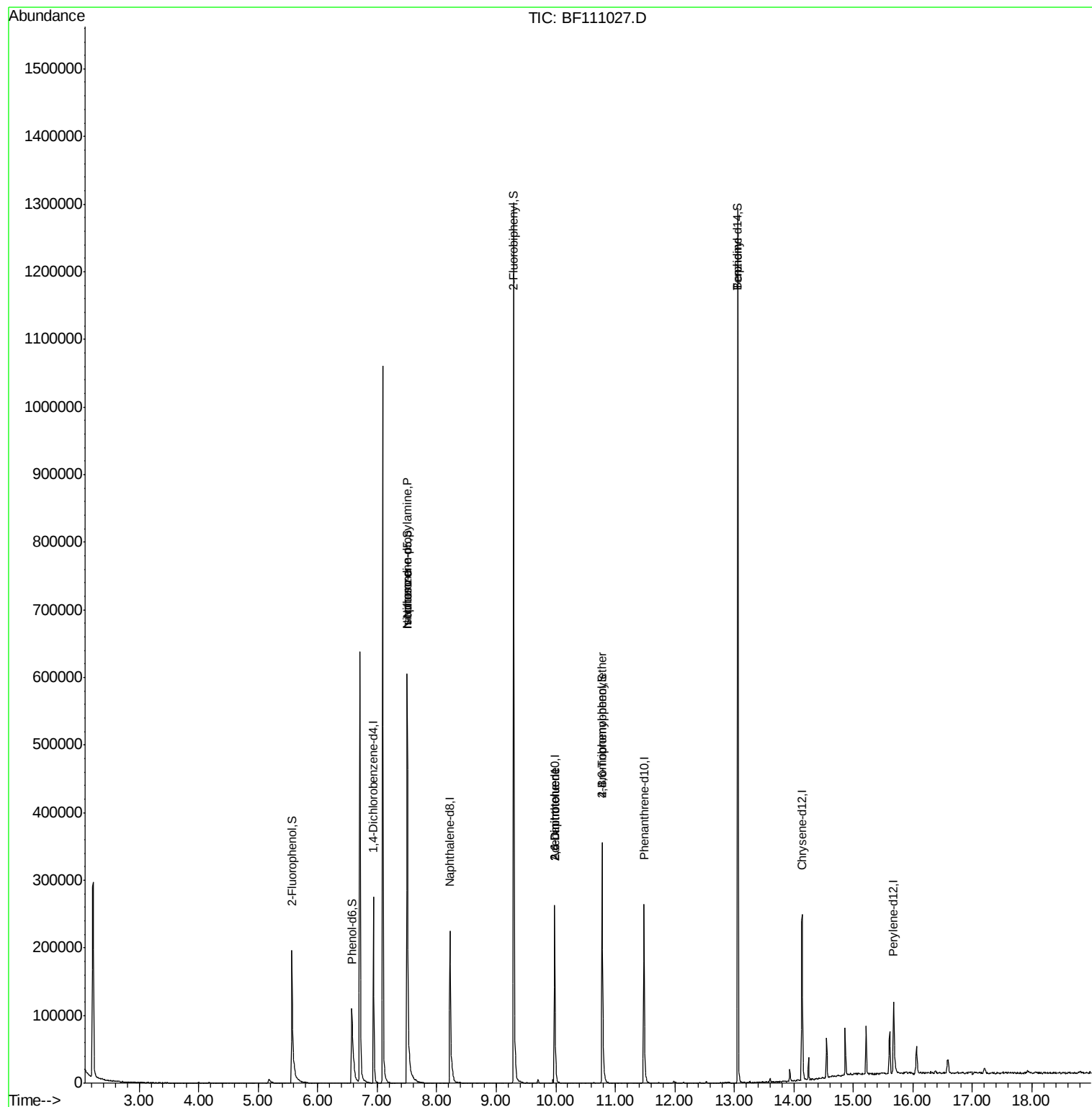
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	44040	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	165739	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	67530	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	129873	20.00	ng	0.00
76) Chrysene-d12	14.14	240	106661	20.00	ng	0.00
87) Perylene-d12	15.67	264	67723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	101015	38.04	ng	0.01
7) Phenol-d6	6.57	99	71654	20.70	ng	0.00
23) Nitrobenzene-d5	7.50	82	259429	89.58	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	57738	86.09	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	440422	94.49	ng	0.00
79) Terphenyl-d14	13.06	244	475035	86.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	33446	14.836	ng	# 79
25) Isophorone	7.50	82	259429	54.612	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8518	7.726	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8518	5.955	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3494	2.470	ng	# 1
77) Benzidine	13.06	184	6264	2.296	ng	# 95

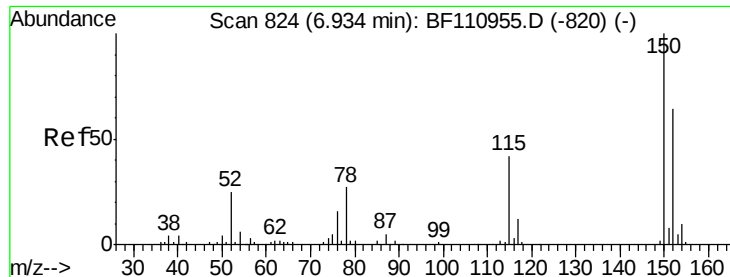
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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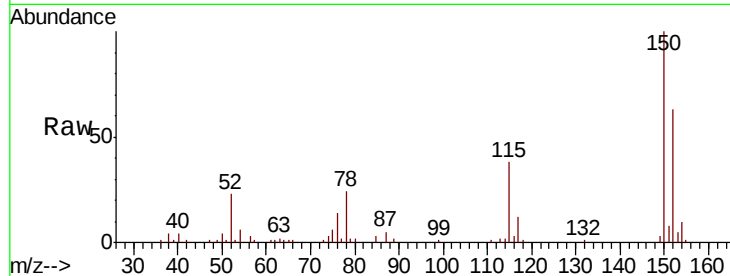


#1

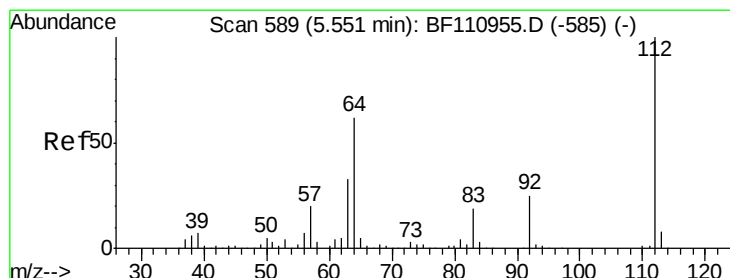
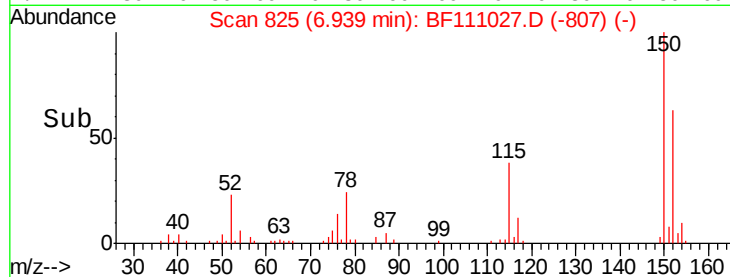
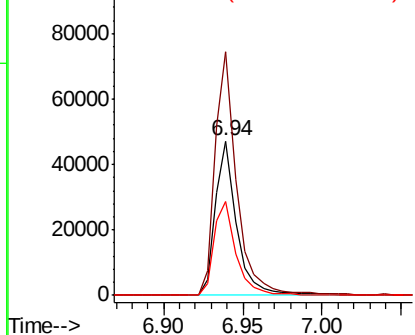
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

Tgt Ion:152 Resp: 44040
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 60.6 49.1 73.7



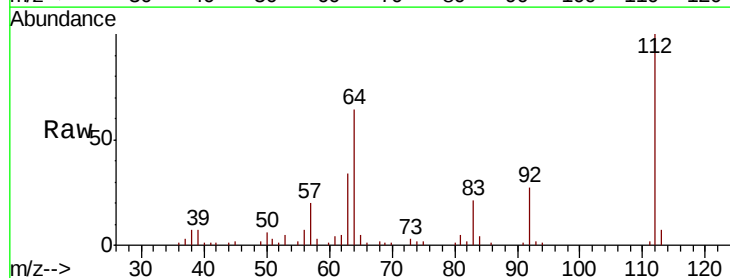
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



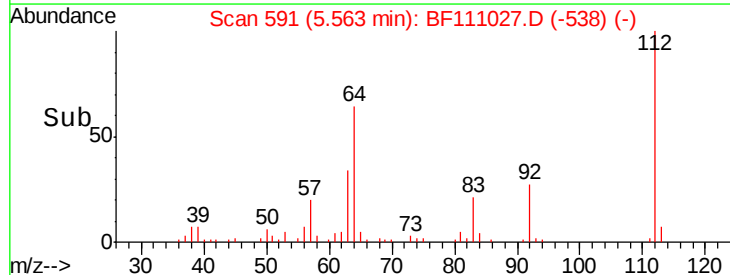
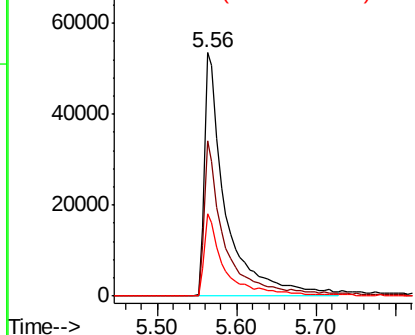
#5

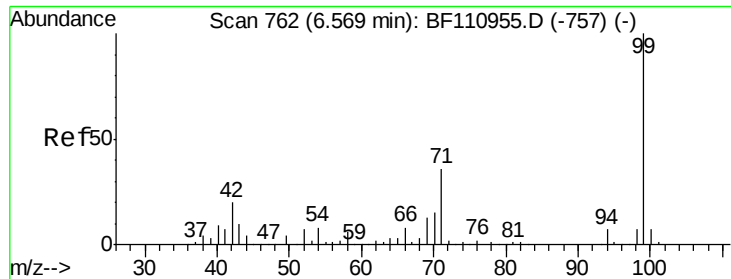
2-Fluorophenol
Concen: 38.037 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:112 Resp: 101015
Ion Ratio Lower Upper
112 100
64 63.6 44.1 66.1
63 33.9 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: 20.704 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

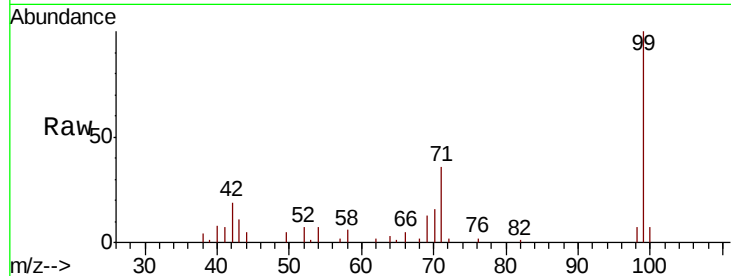
Tgt Ion: 99 Resp: 71654

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

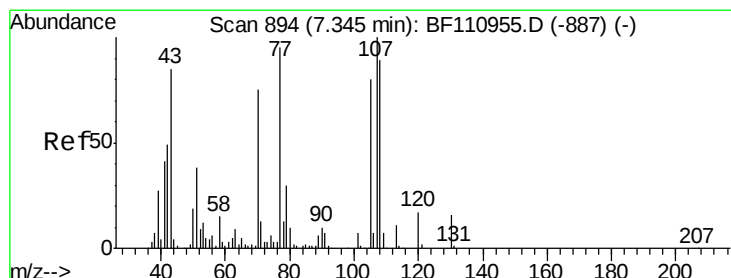
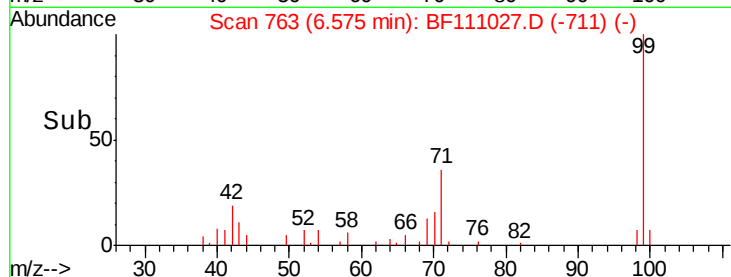
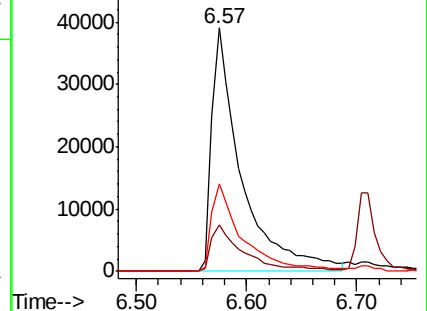
71 35.9 28.0 42.0



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: 14.836 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Tgt Ion: 70 Resp: 33446

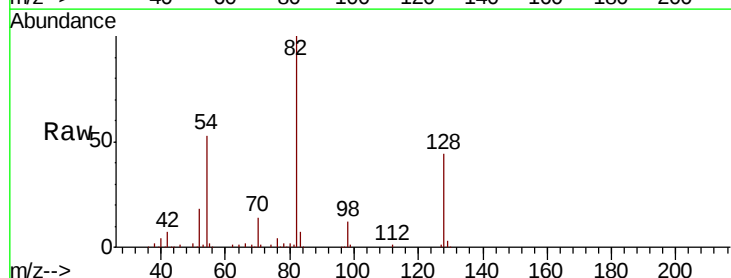
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#

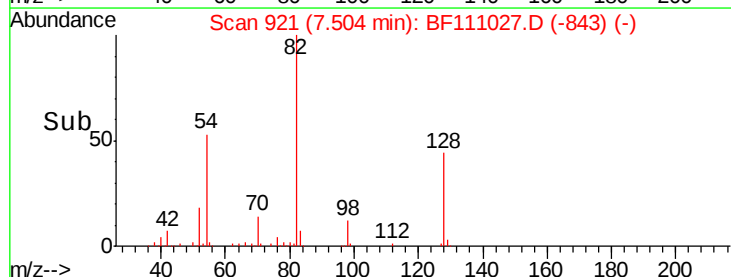
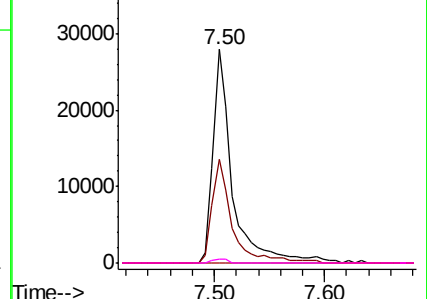


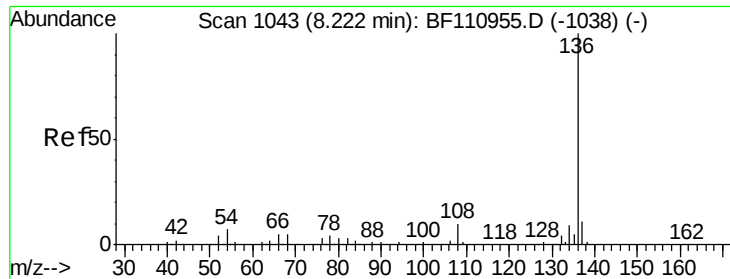
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

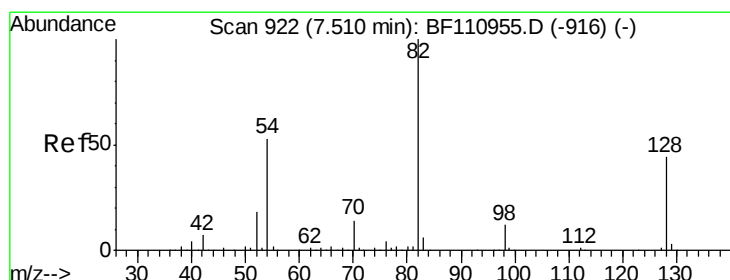
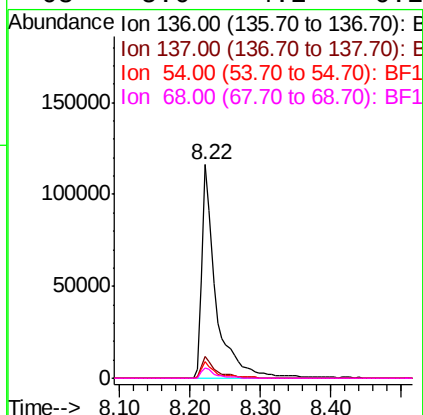
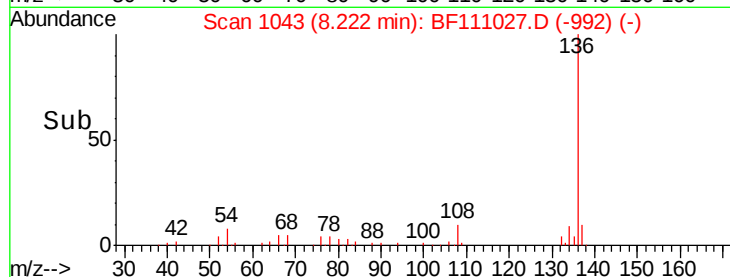
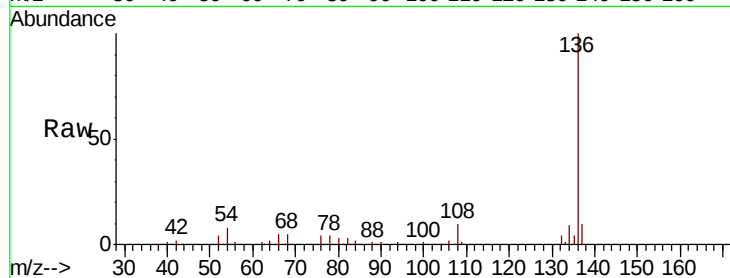




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

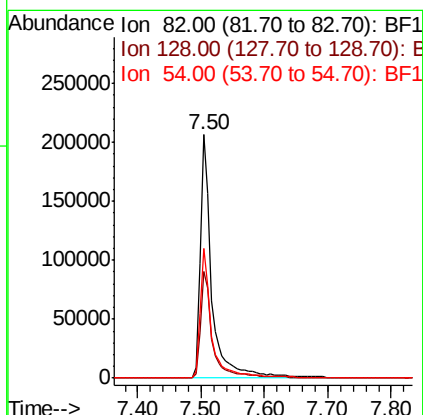
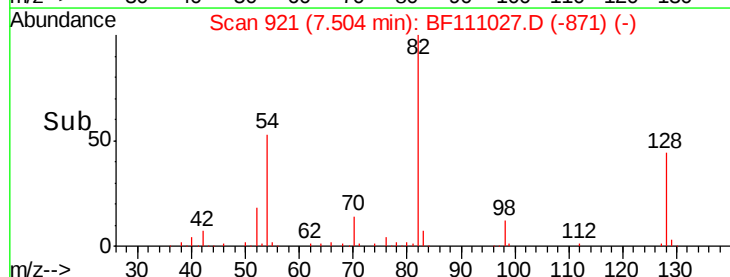
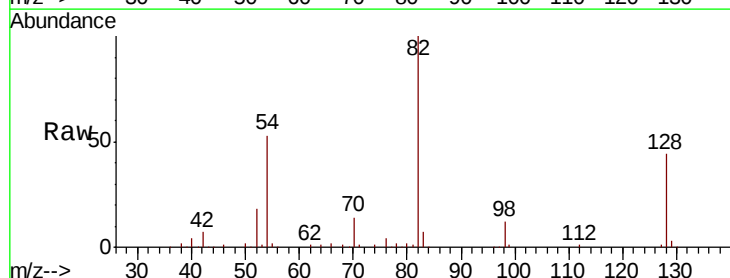
Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

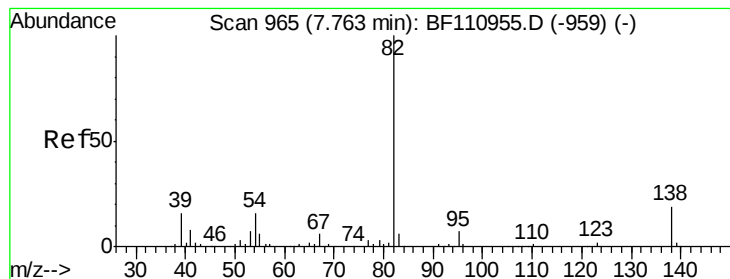
Tgt Ion:	136	Resp:	165739
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.7	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 89.582 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:	82	Resp:	259429
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	53.4	38.6	58.0





#25

Isophorone

Concen: 54.612 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

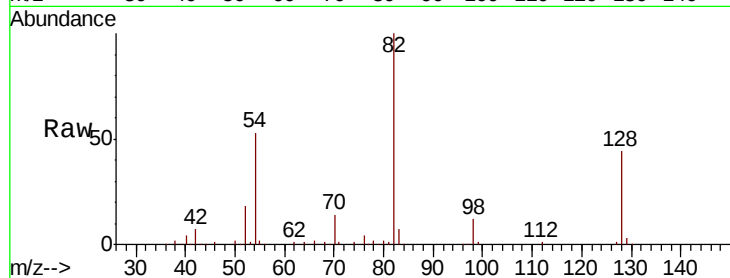
Tgt Ion: 82 Resp: 259429

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

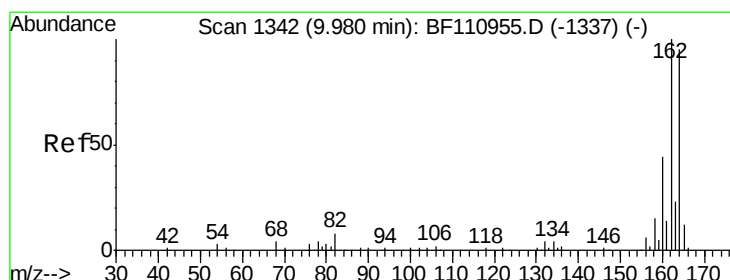
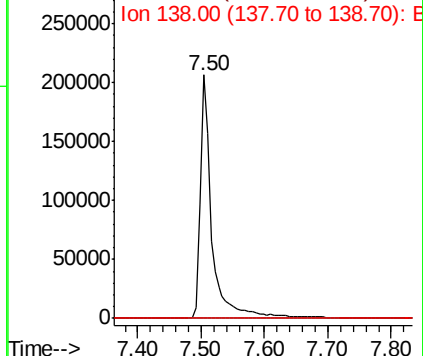
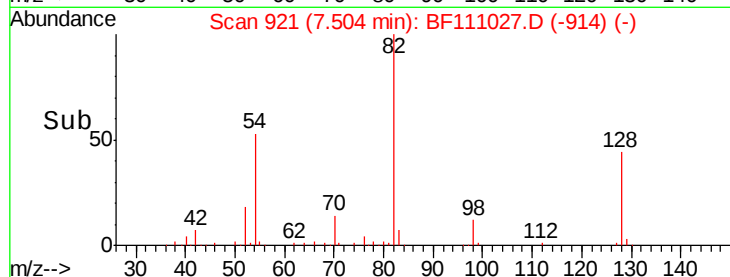
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

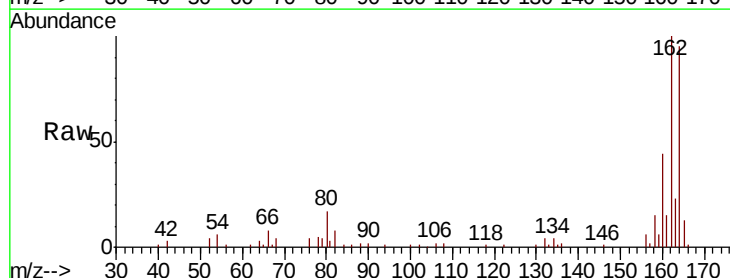
Tgt Ion: 164 Resp: 67530

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

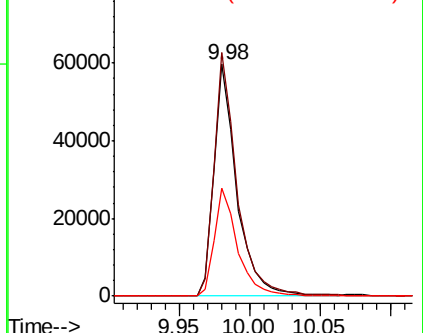
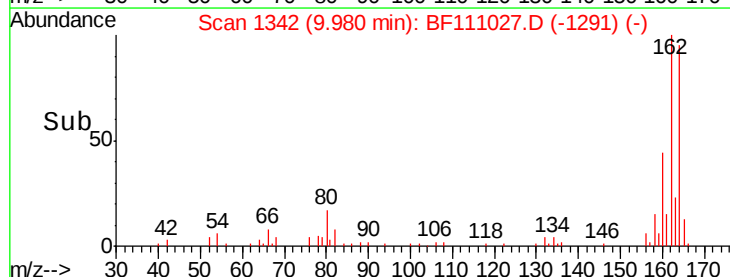
160 46.5 37.0 55.6

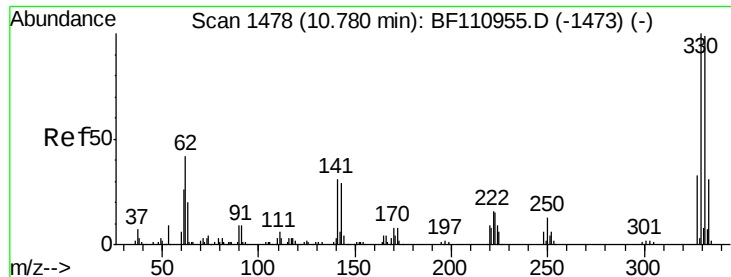


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

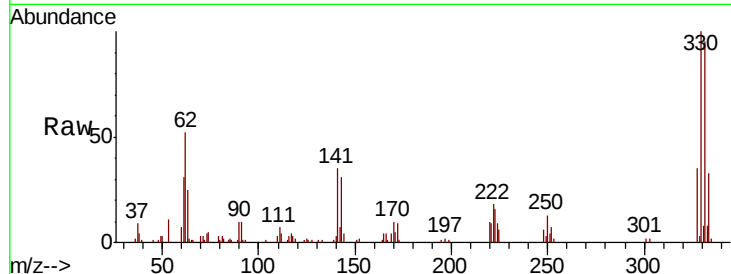




#42
 2,4,6-Tribromophenol
 Concen: 86.091 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Instrument :
 BNA_F
 ClientSampleId :
 112118-CHDE-E-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	38.0	27.0	40.4

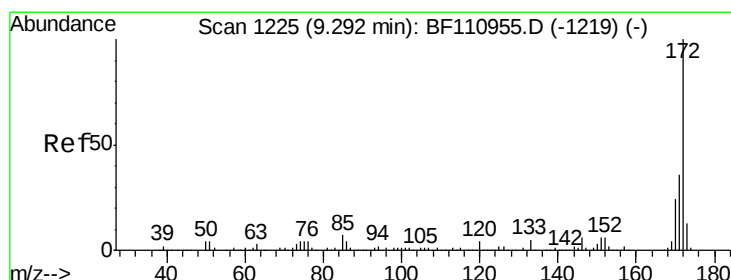
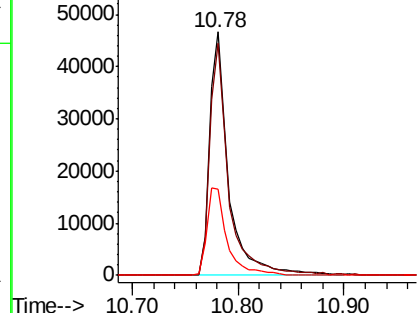
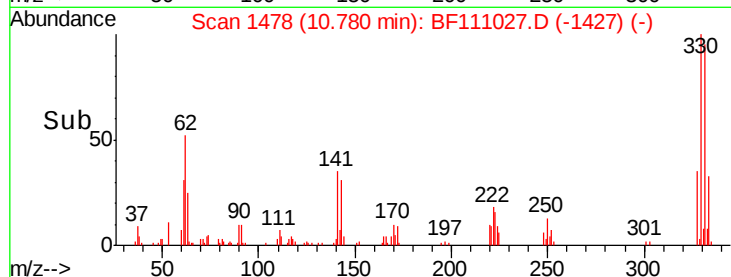


Abundance

Ion 329.80 (329.50 to 330.50): E

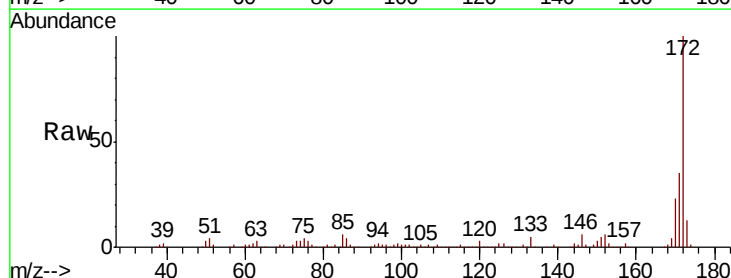
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.487 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111027.D
 Acq: 28 Nov 2018 00:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.1	19.7	29.5

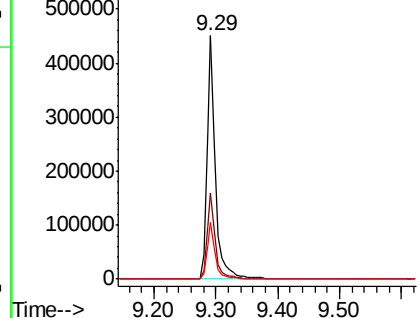
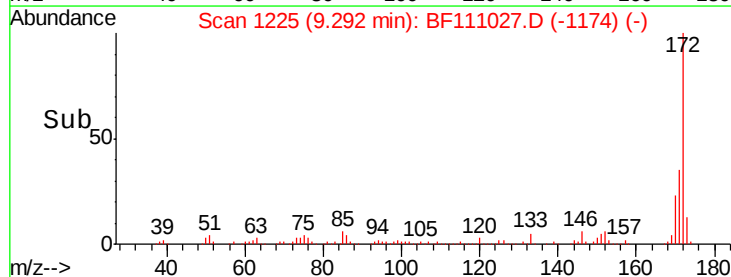


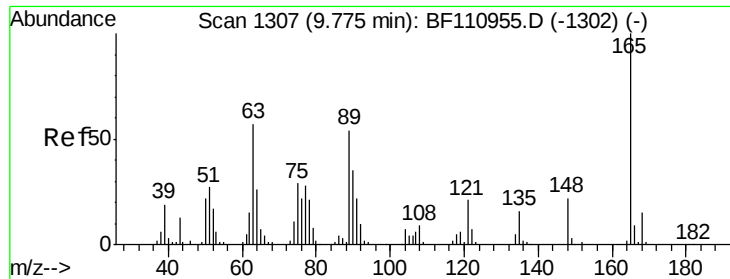
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.726 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

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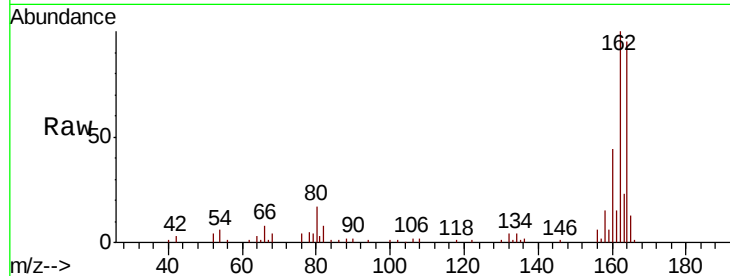
Tgt Ion:165 Resp: 8518

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

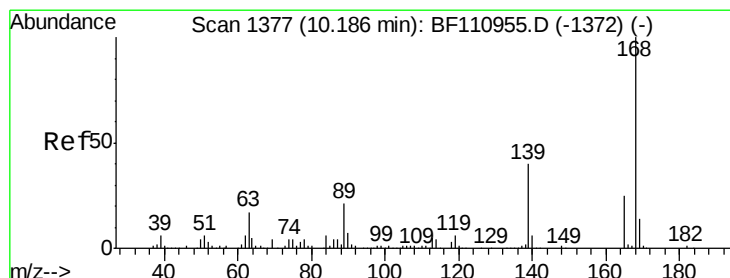
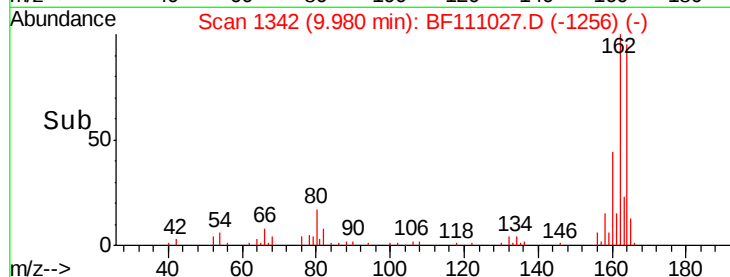
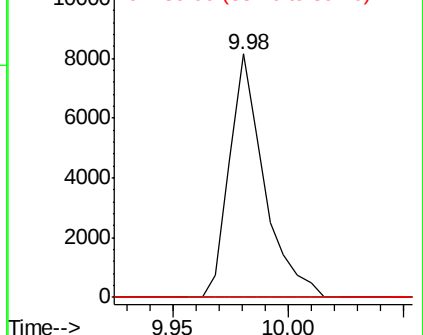
89 0.0 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 5.955 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.21 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Tgt Ion:165 Resp: 8518

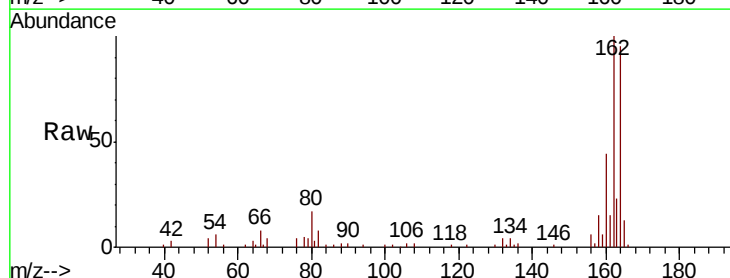
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

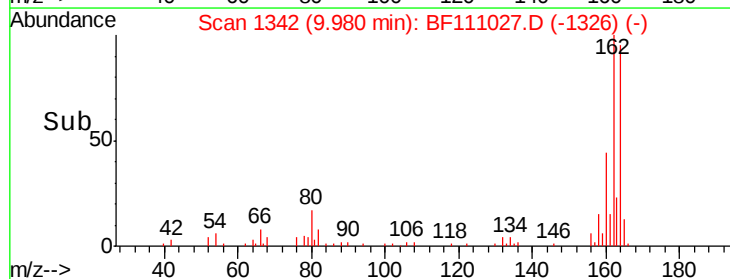
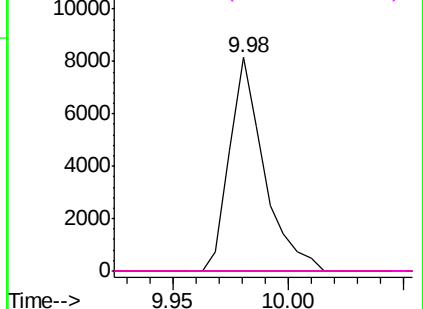


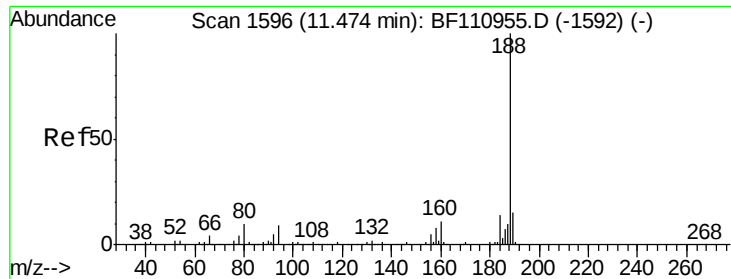
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

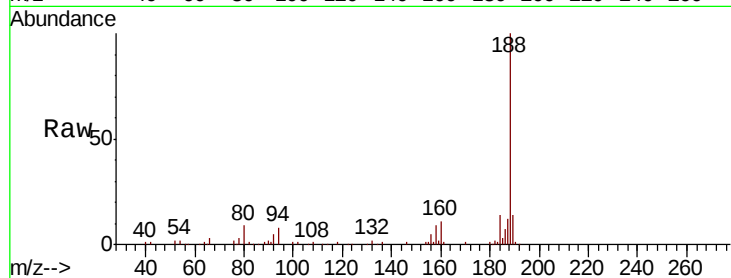
Tgt Ion:188 Resp: 129873

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

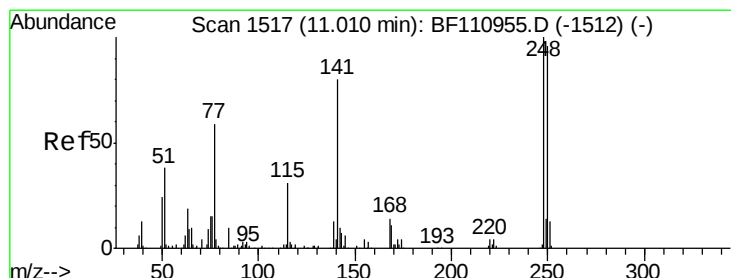
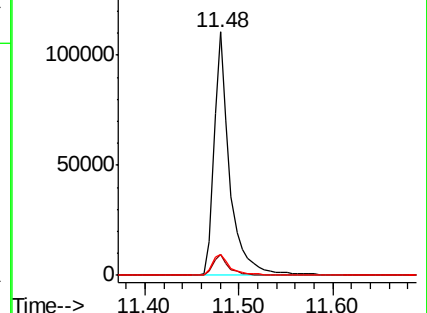
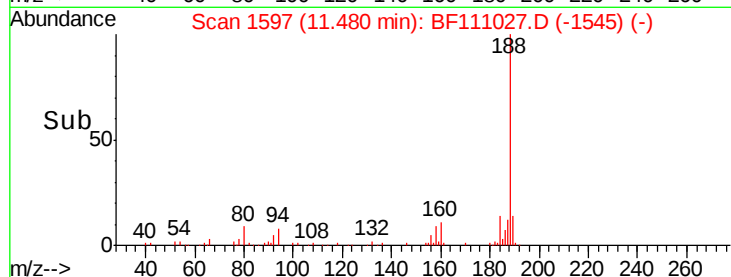
80 8.8 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 2.470 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.23 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

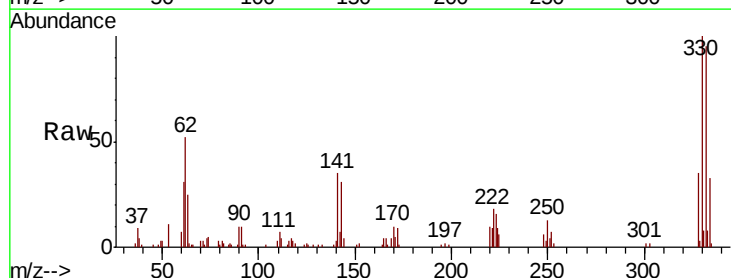
Tgt Ion:248 Resp: 3494

Ion Ratio Lower Upper

248 100

250 205.8 79.4 119.2#

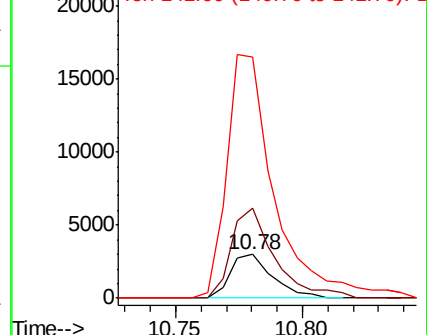
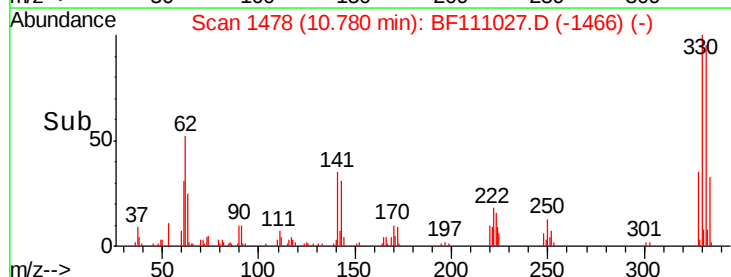
141 552.4 55.9 83.9#

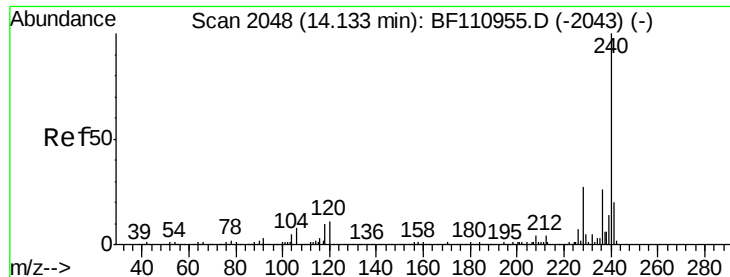


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

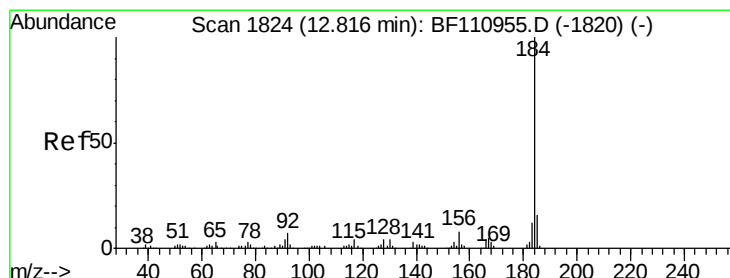
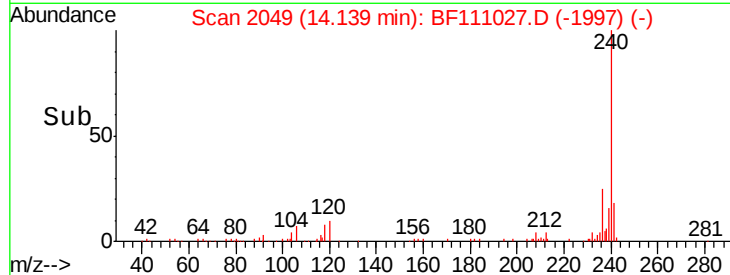
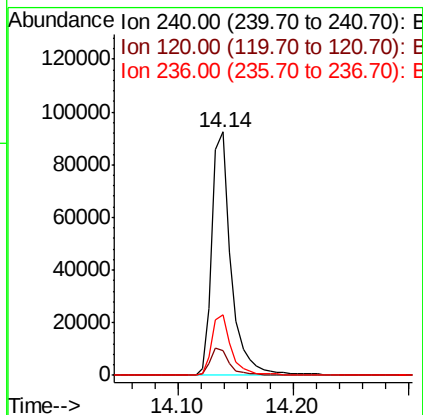
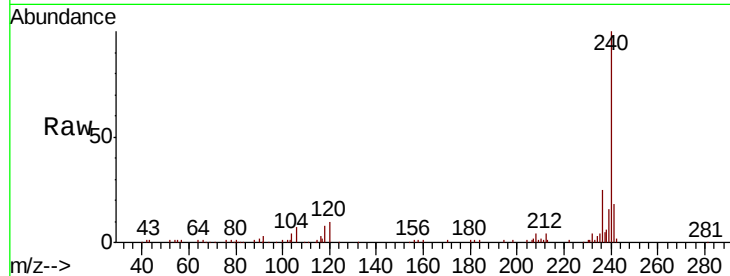




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

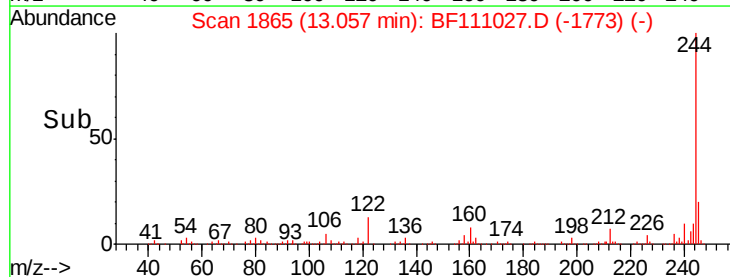
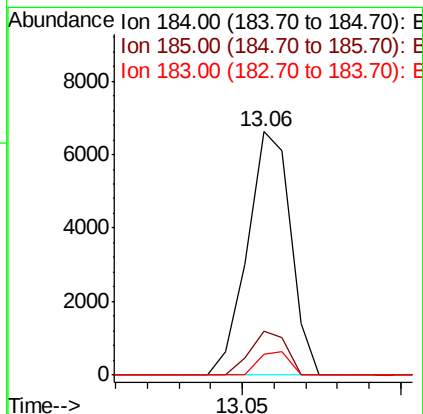
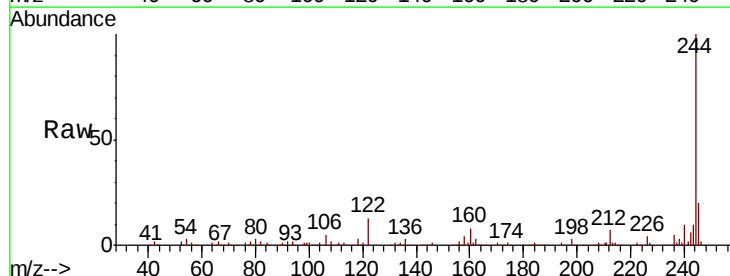
Instrument :
BNA_F
ClientSampleId :
112118-CHDE-E-D-S

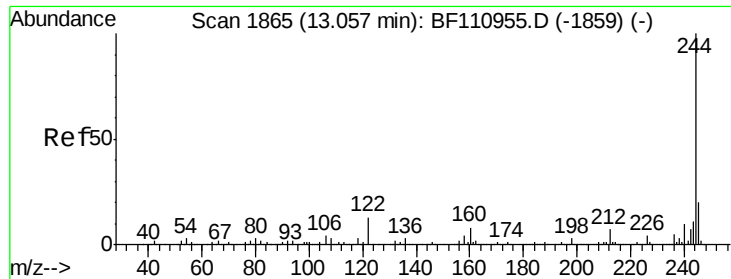
Tgt Ion:240 Resp: 106661
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.1 21.2 31.8



#77
Benzidine
Concen: 2.296 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.24 min
Lab File: BF111027.D
Acq: 28 Nov 2018 00:13

Tgt Ion:184 Resp: 6264
Ion Ratio Lower Upper
184 100
185 18.3 13.4 20.2
183 8.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 86.697 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF111027.D

Acq: 28 Nov 2018 00:13

Instrument :

BNA_F

ClientSampleId :

112118-CHDE-E-D-S

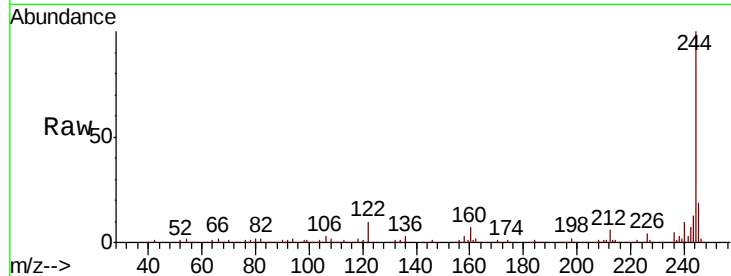
Tgt Ion:244 Resp: 475035

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

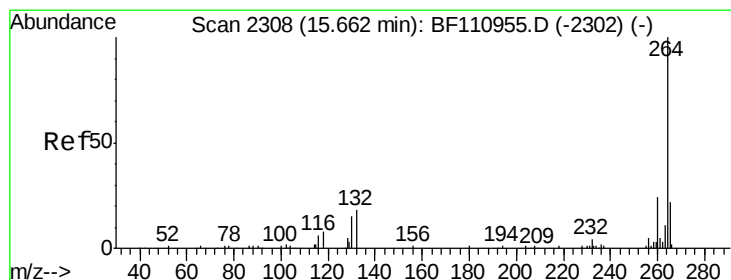
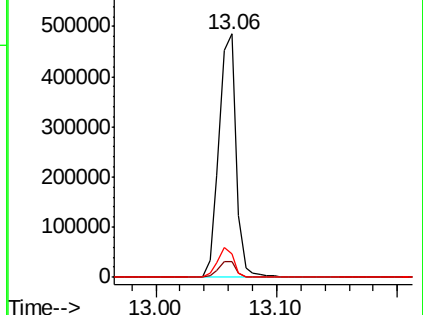
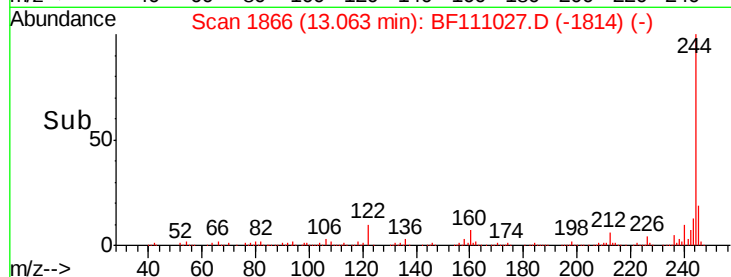
122 9.8 8.7 13.1



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: BF111027.D

Acq: 28 Nov 2018 00:13

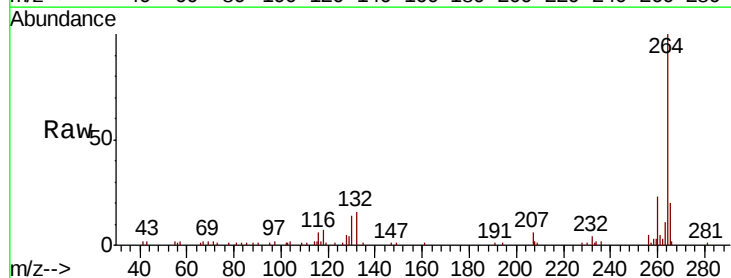
Tgt Ion:264 Resp: 67723

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.1 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

