

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110862.D
 Acq On : 19 Nov 2018 19:20
 Operator : JU/SJ
 Sample : J5993-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Quant Time: Nov 20 00:36:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

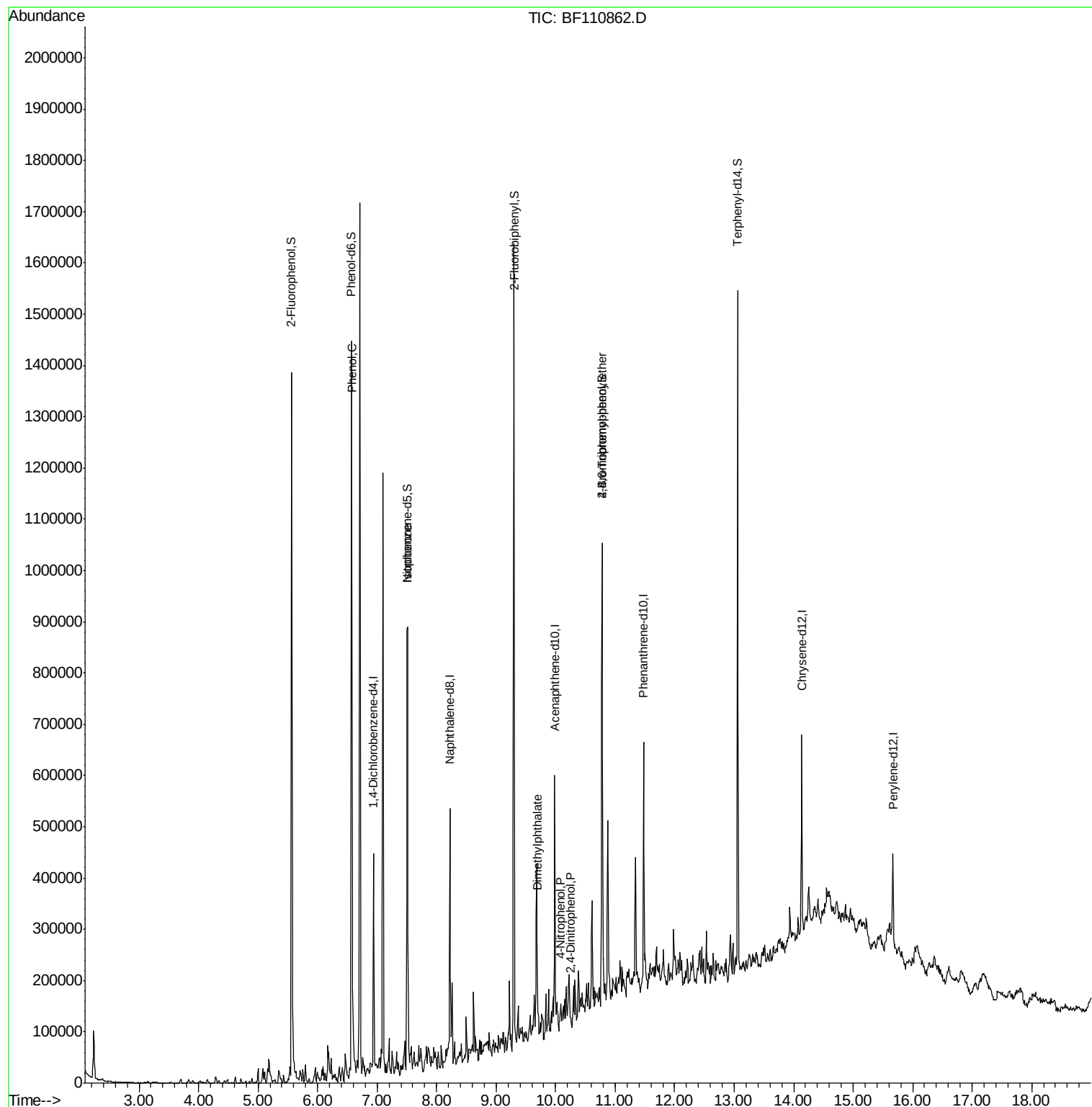
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59651	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	240619	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	104232	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	165820	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124669	20.00	ng	0.00
87) Perylene-d12	15.67	264	88607	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	422938	115.17	ng	0.00
7) Phenol-d6	6.57	99	526234	112.06	ng	0.00
23) Nitrobenzene-d5	7.51	82	310401	74.29	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	104056	99.08	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	491304	67.32	ng	0.00
79) Terphenyl-d14	13.06	244	405857	60.97	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	737	Below Cal		Qvalue
10) Phenol	6.58	94	26608	4.886 ng	#	1
25) Isophorone	7.51	82	309211	45.153 ng	#	67
50) Dimethylphthalate	9.69	163	34988	4.499 ng		98
54) 2,4-Dinitrophenol	10.26	184	581	5.504 ng	#	77
56) 4-Nitrophenol	10.08	139	2649	2.014 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	6463	3.527 ng	#	1

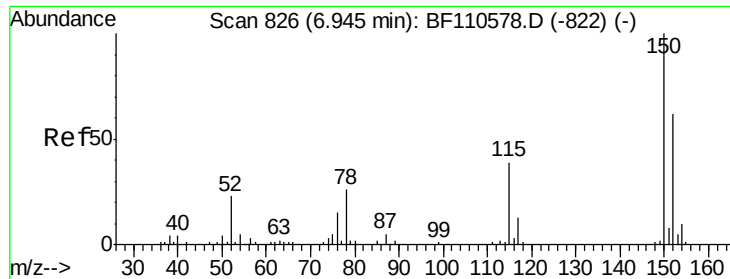
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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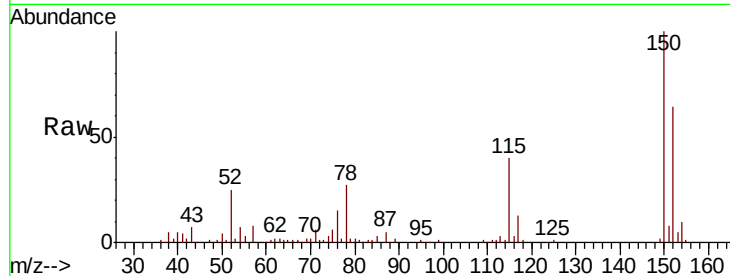


#1

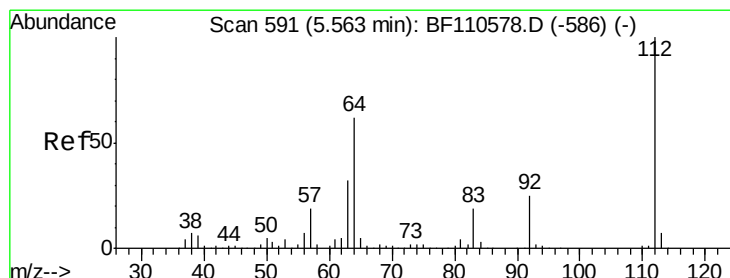
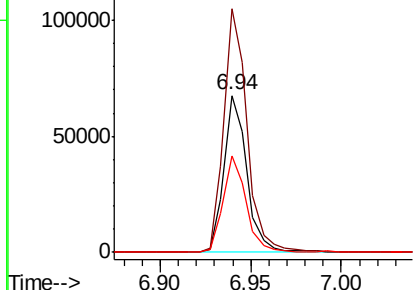
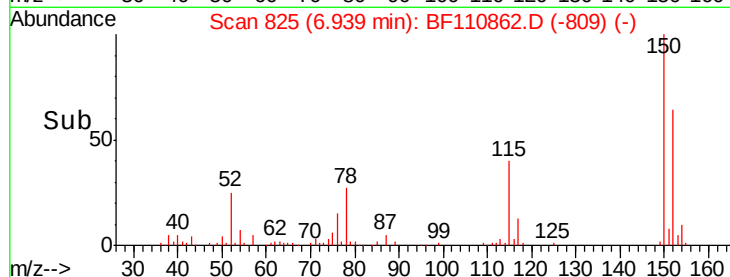
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tgt Ion:152 Resp: 59651
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 61.8 49.1 73.7



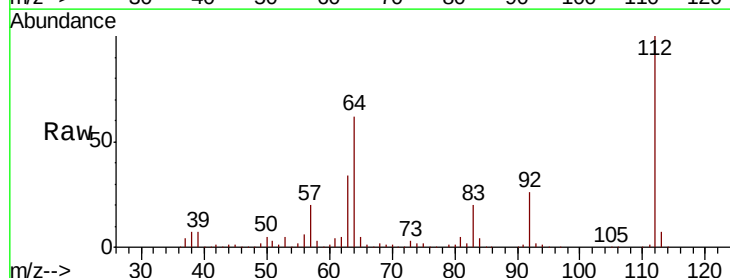
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



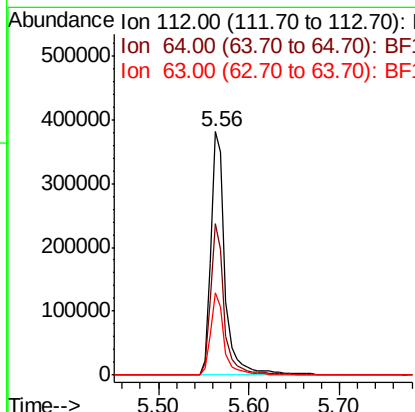
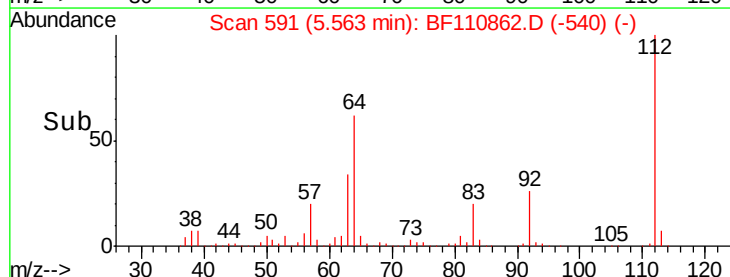
#5

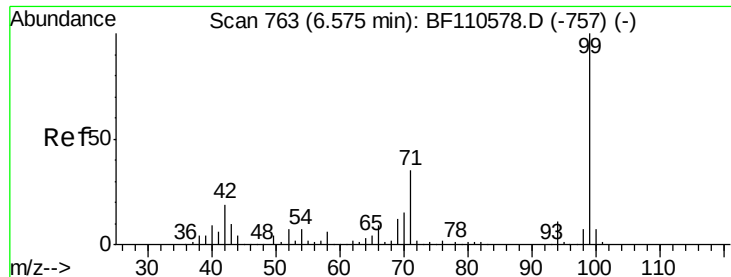
2-Fluorophenol
Concen: 115.167 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion:112 Resp: 422938
Ion Ratio Lower Upper
112 100
64 62.2 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: 112.058 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

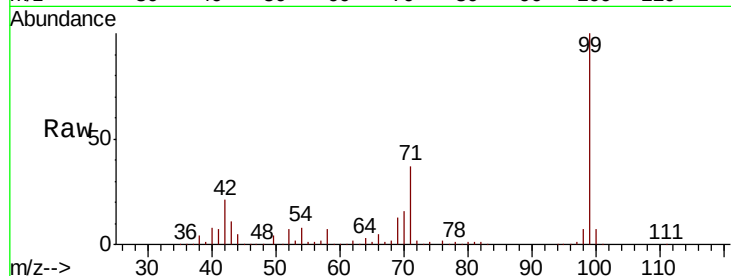
Tgt Ion: 99 Resp: 526234

Ion Ratio Lower Upper

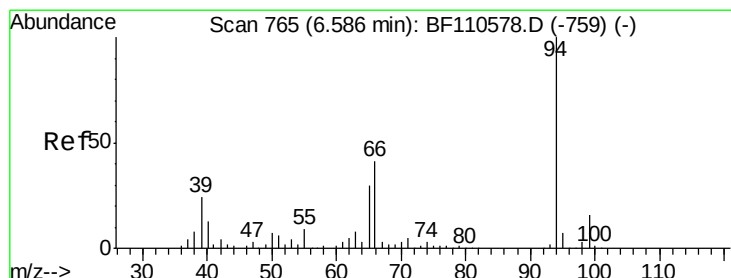
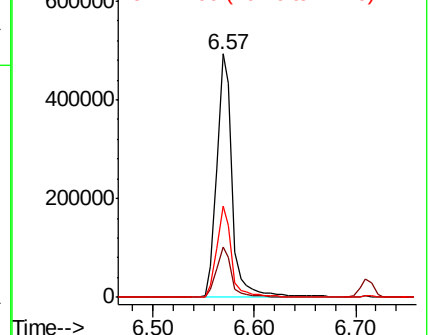
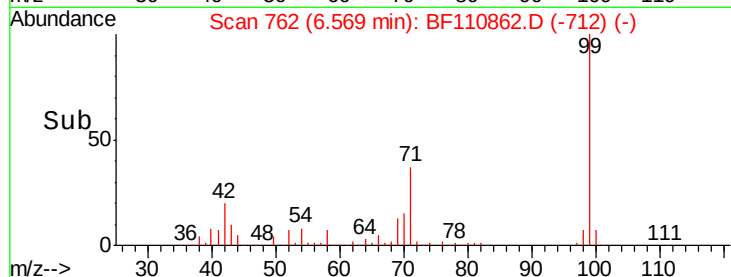
99 100

42 20.6 15.8 23.6

71 37.3 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: 4.886 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

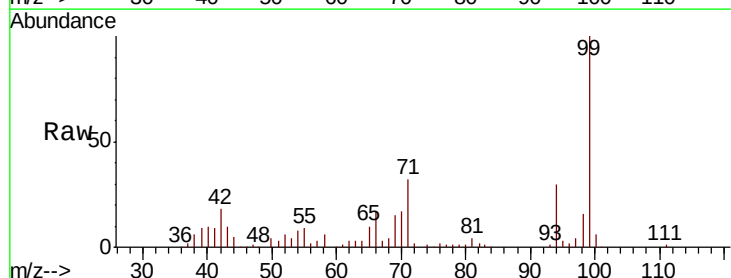
Tgt Ion: 94 Resp: 26608

Ion Ratio Lower Upper

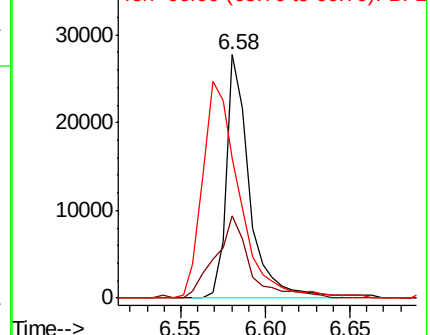
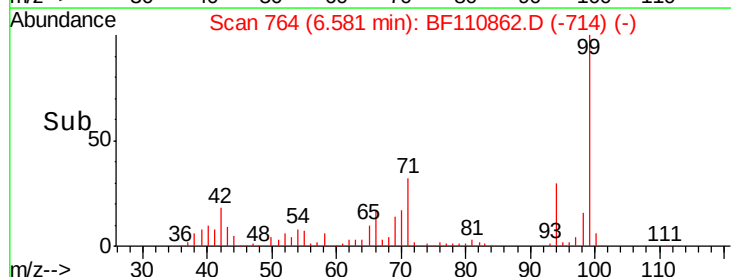
94 100

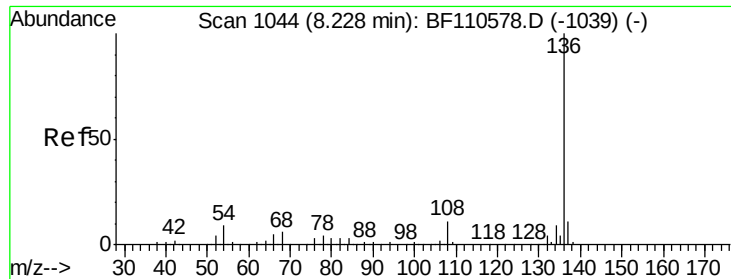
65 33.8 25.3 65.3

66 57.5 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

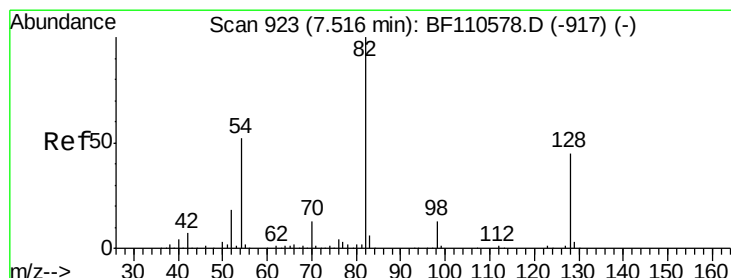
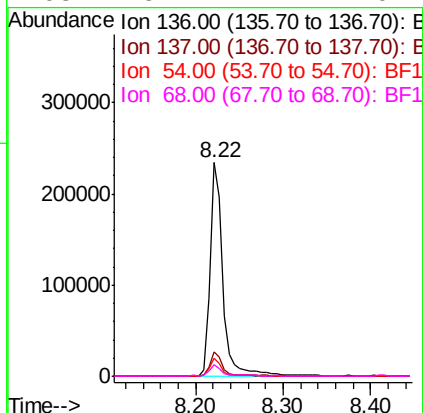
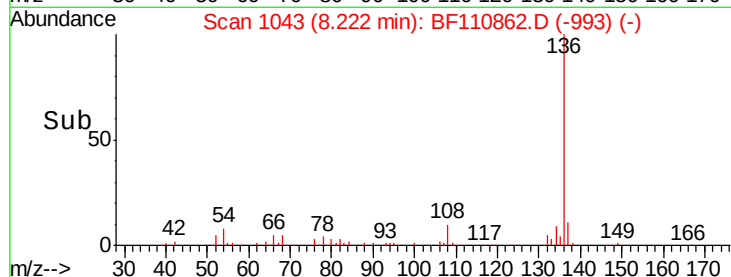
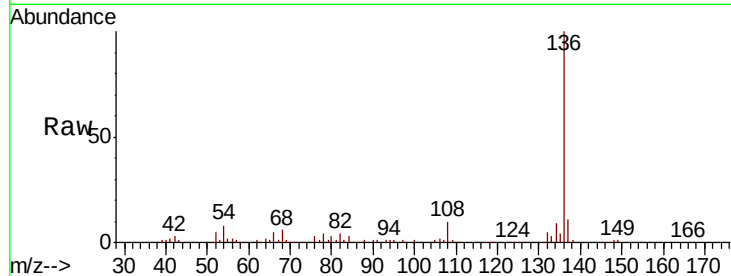




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

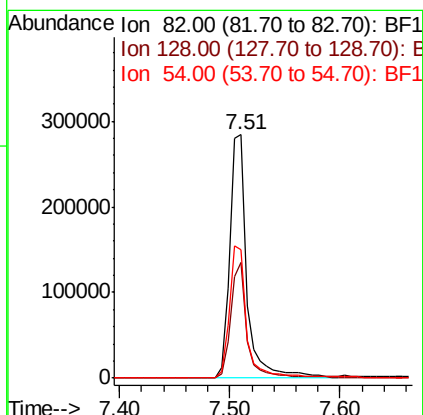
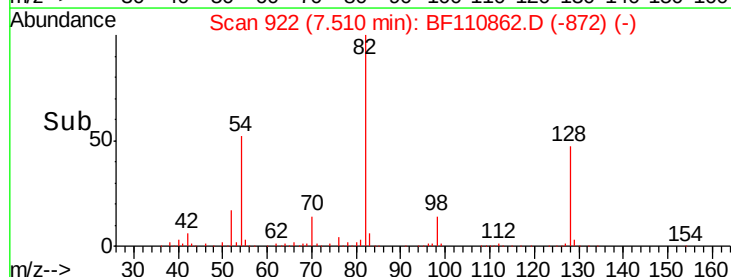
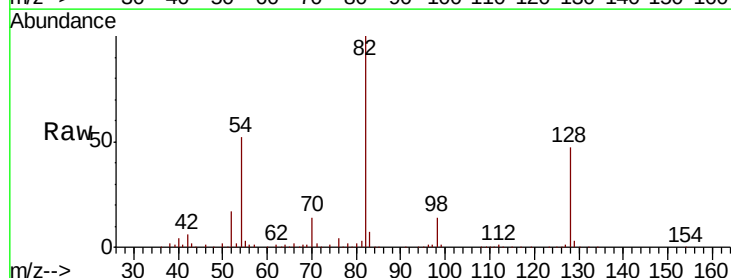
Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

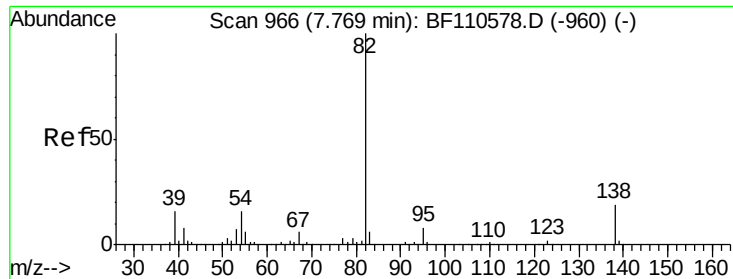
Tgt Ion:	136	Resp:	240619
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	5.4	8.2#
68	5.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 74.291 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion:	82	Resp:	310401
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.2	51.2
54	52.5	38.6	58.0

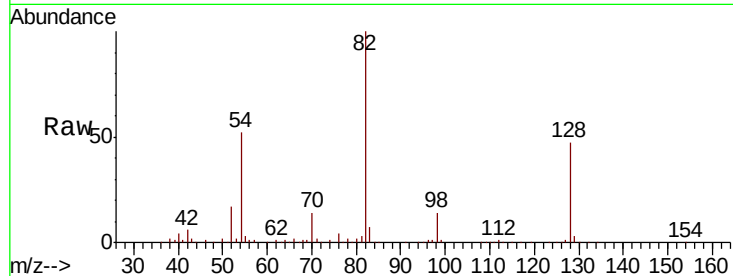




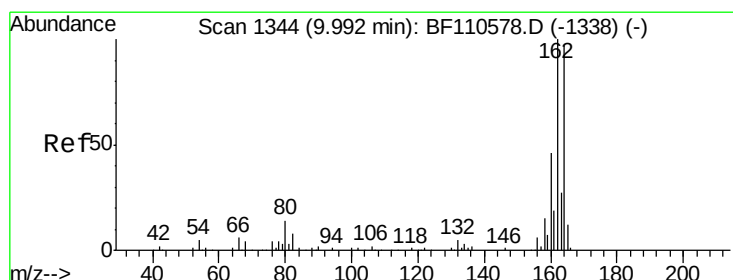
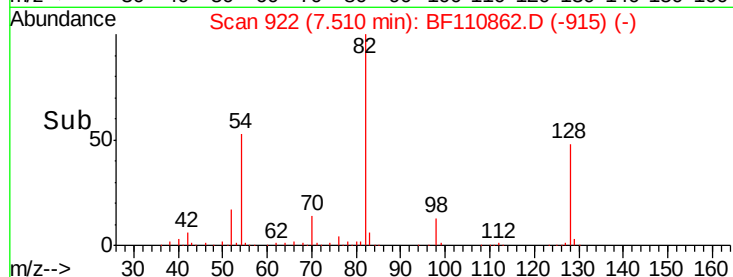
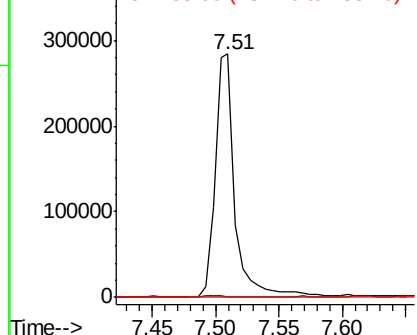
#25
Isophorone
Concen: 45.153 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tgt Ion: 82 Resp: 309211
Ion Ratio Lower Upper
82 100
95 0.3 5.7 8.5#
138 0.0 13.2 19.8#

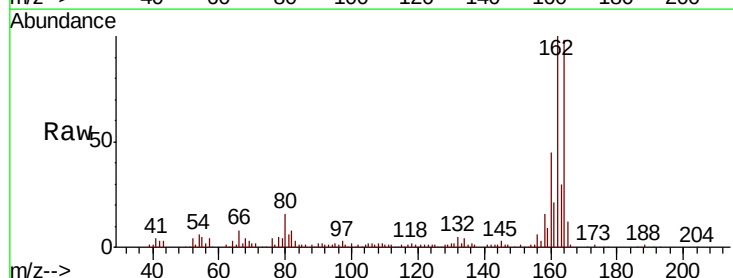


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

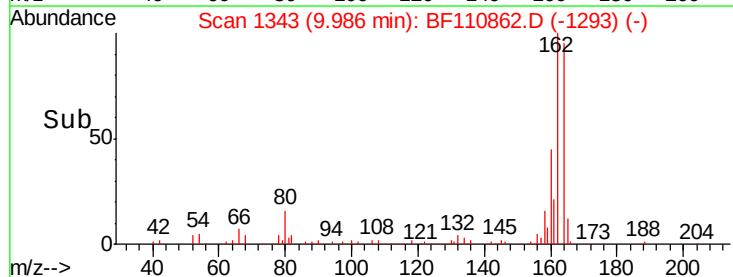
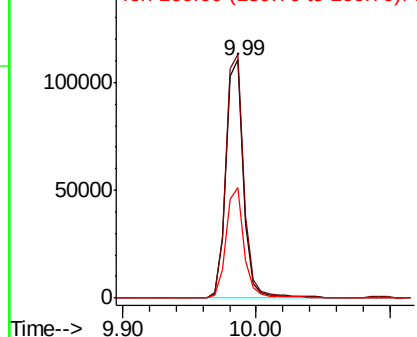


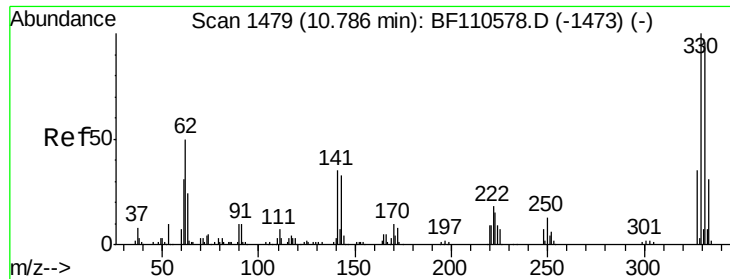
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion: 164 Resp: 104232
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.6
160 46.2 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

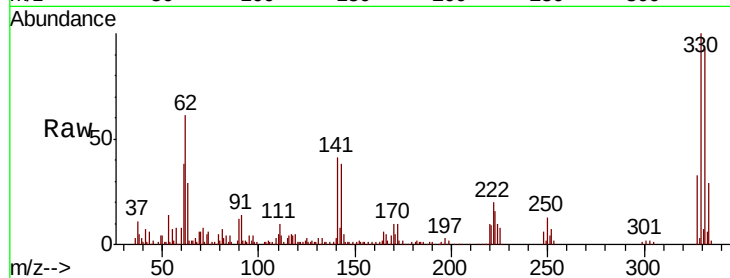




#42
 2,4,6-Tribromophenol
 Concen: 99.076 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.1	115.7
141	39.6	27.0	40.4

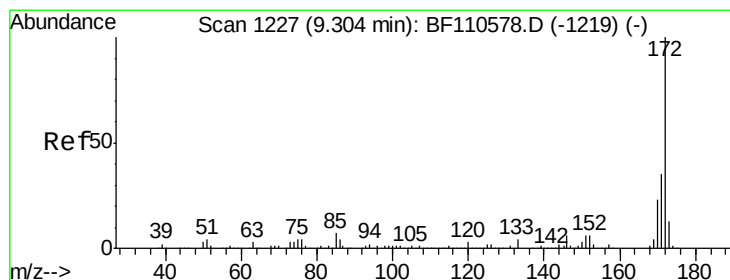
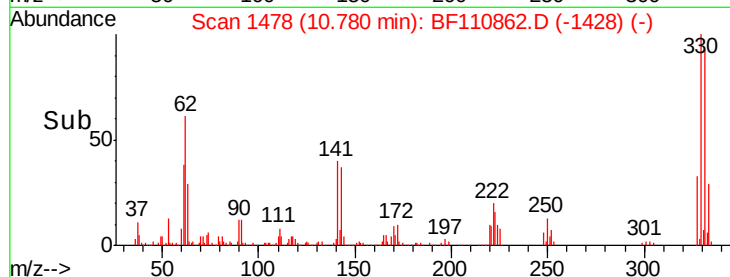
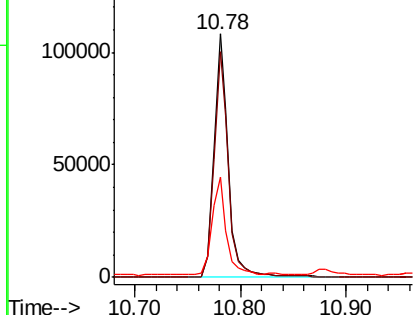


Abundance

Ion 329.80 (329.50 to 330.50): E

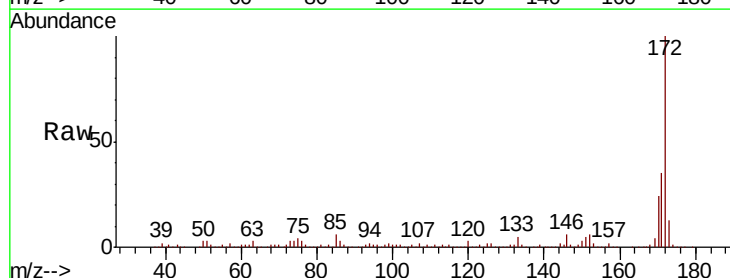
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 67.318 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5

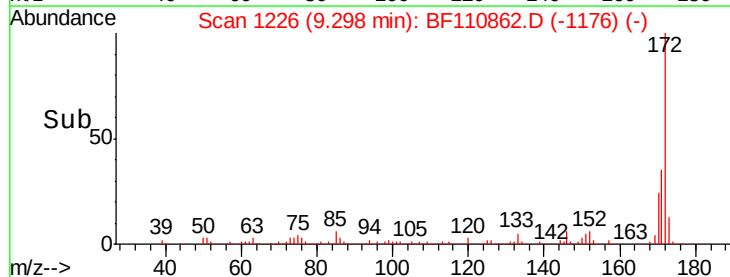
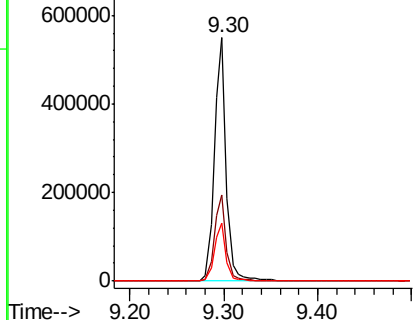


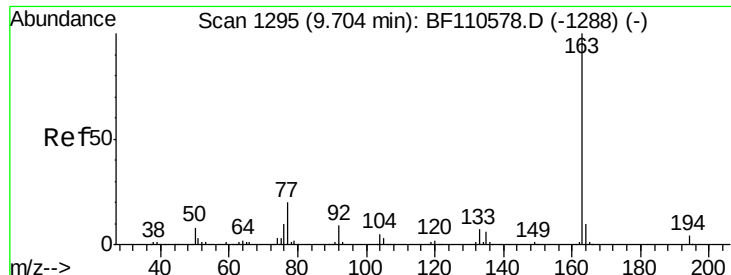
Abundance

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

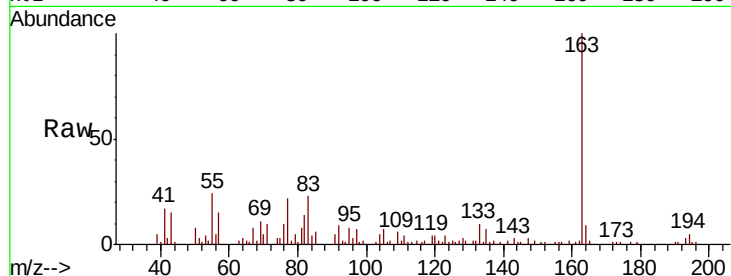




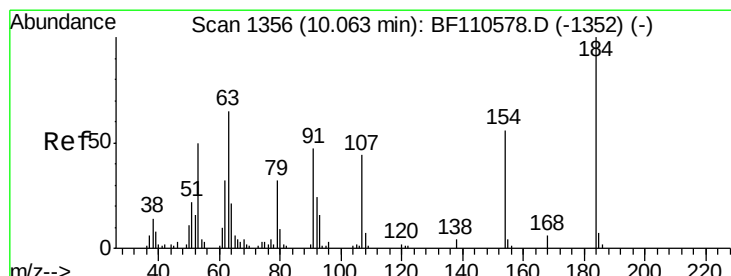
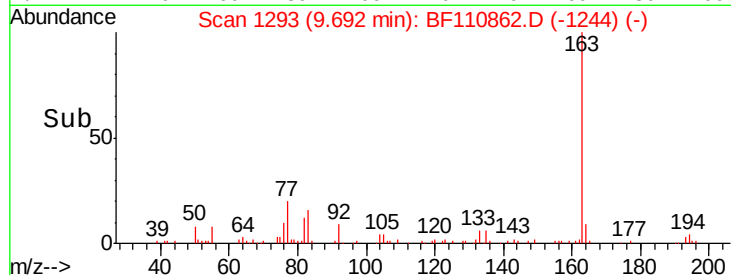
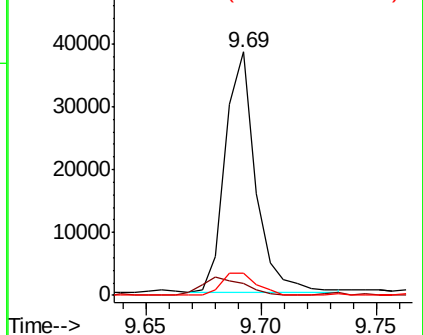
#50
Dimethylphthalate
Concen: 4.499 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tgt Ion:163 Resp: 34988
Ion Ratio Lower Upper
163 100
194 4.8 3.2 4.8
164 9.3 8.1 12.1

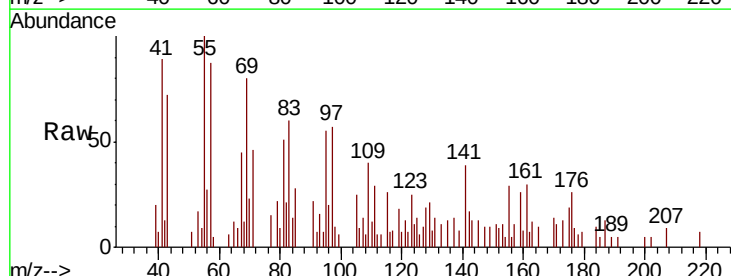


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

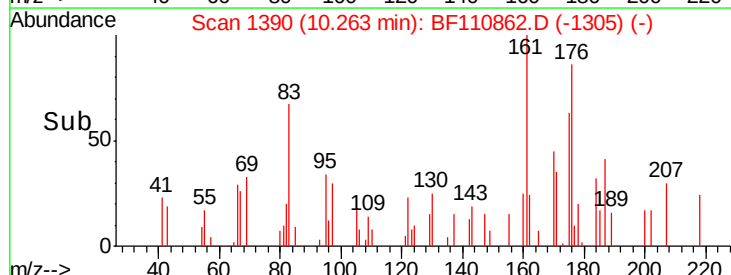
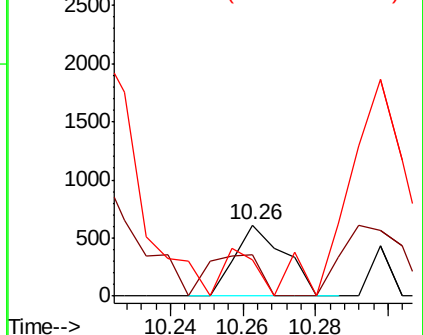


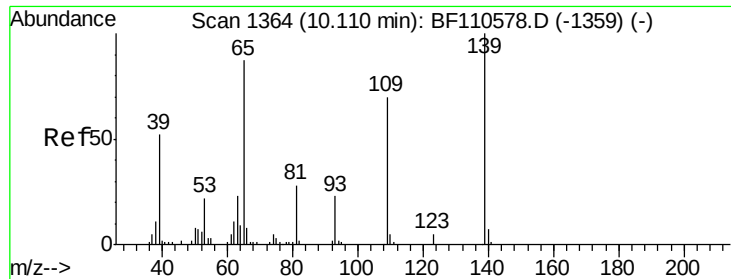
#54
2,4-Dinitrophenol
Concen: 5.504 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.20 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion:184 Resp: 581
Ion Ratio Lower Upper
184 100
63 58.8 55.8 83.6
154 51.7 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#56

4-Nitrophenol

Concen: 2.014 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

20180927-WCC-3-COMPOSITE

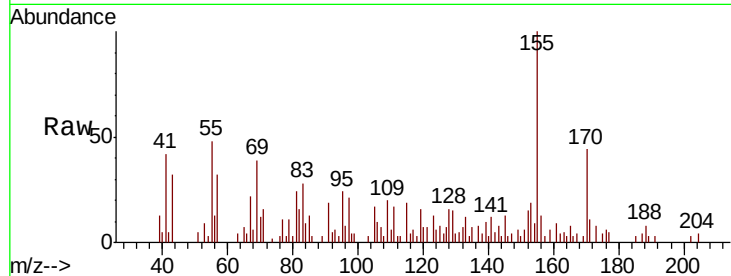
Tgt Ion:139 Resp: 2649

Ion Ratio Lower Upper

139 100

109 206.7 55.8 95.8#

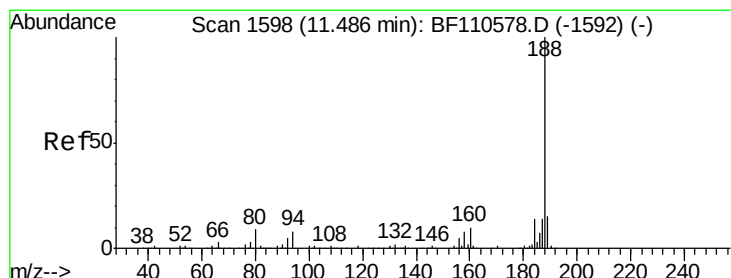
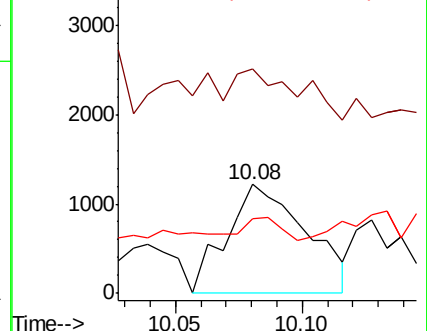
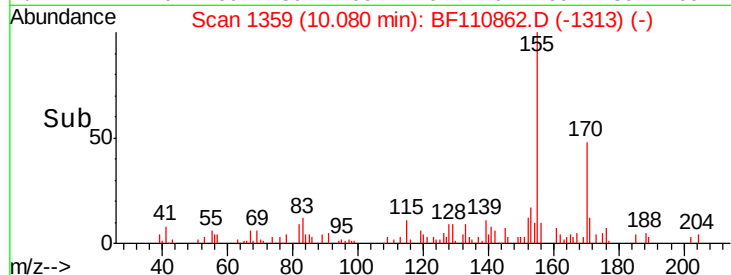
65 68.8 77.9 117.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110862.D

Acq: 19 Nov 2018 19:20

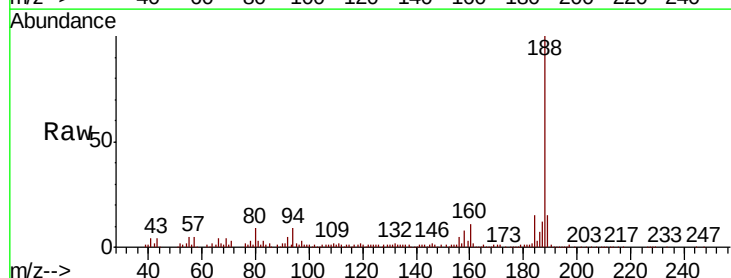
Tgt Ion:188 Resp: 165820

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

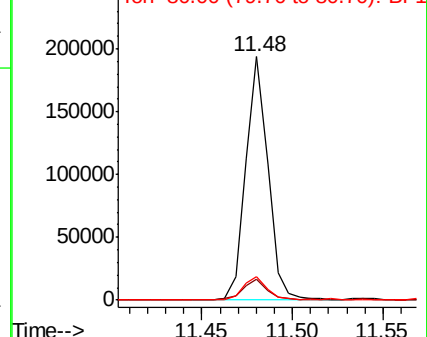
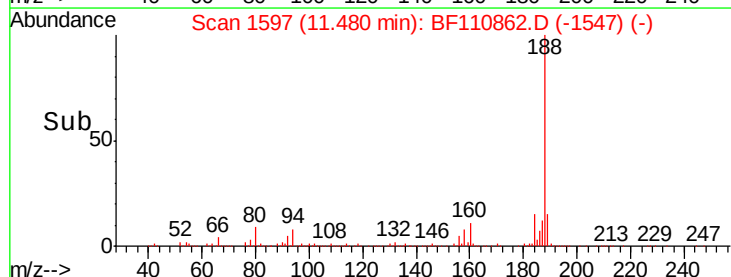
80 9.4 7.9 11.9

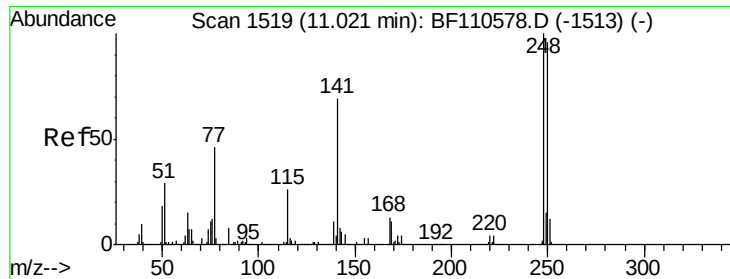


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

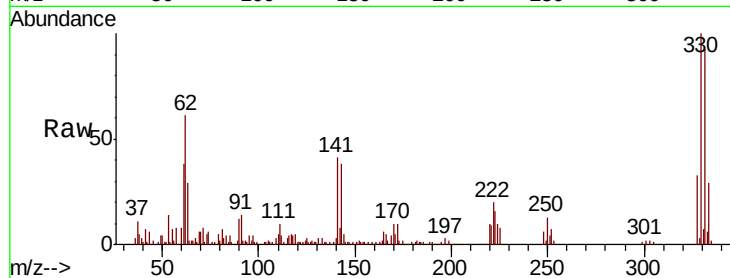




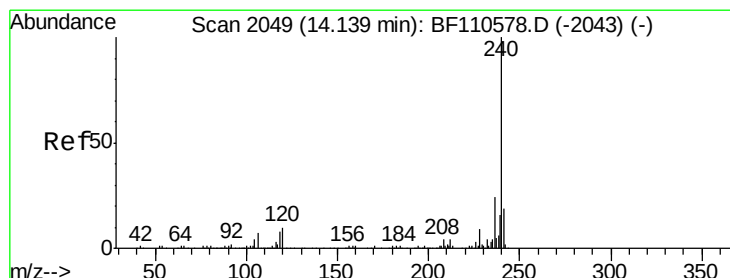
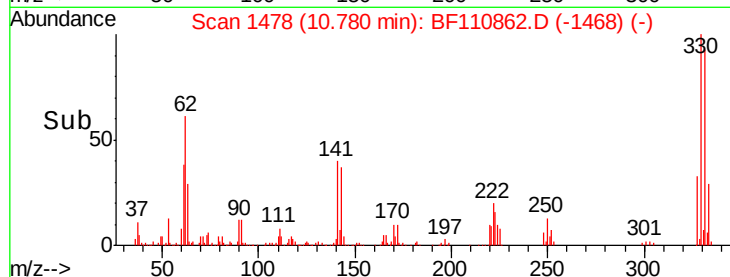
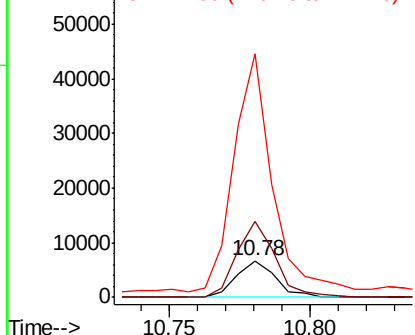
#67
4-Bromophenyl-phenylether
Concen: 3.527 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :
20180927-WCC-3-COMPOSITE

Tgt Ion:248 Resp: 6463
Ion Ratio Lower Upper
248 100
250 207.5 79.4 119.2#
141 664.0 55.9 83.9#

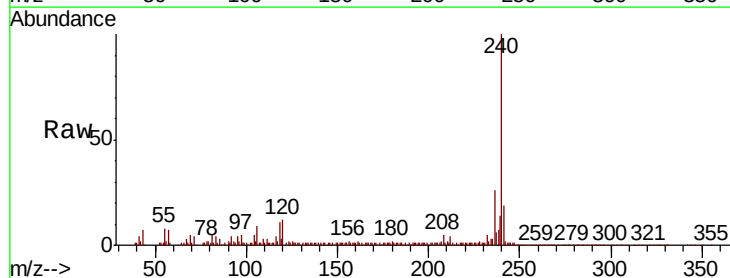


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

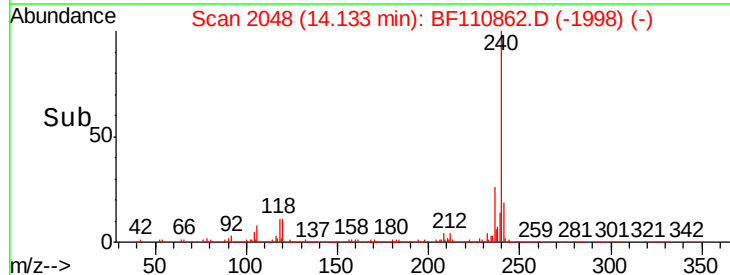
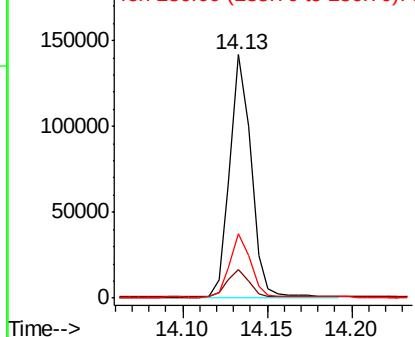


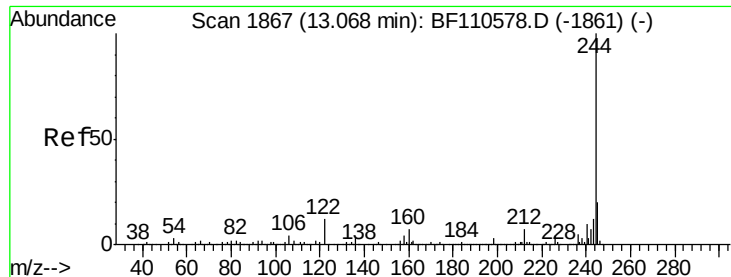
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110862.D
Acq: 19 Nov 2018 19:20

Tgt Ion:240 Resp: 124669
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 26.4 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

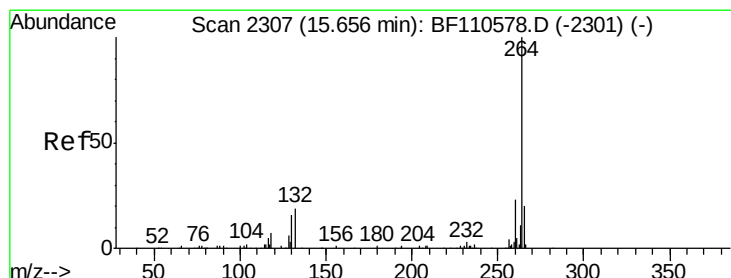
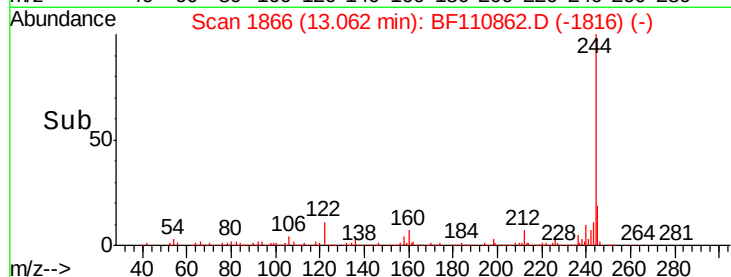
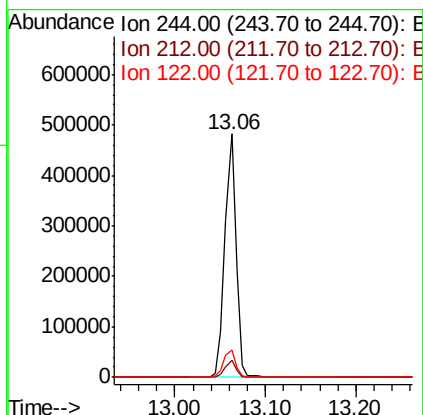
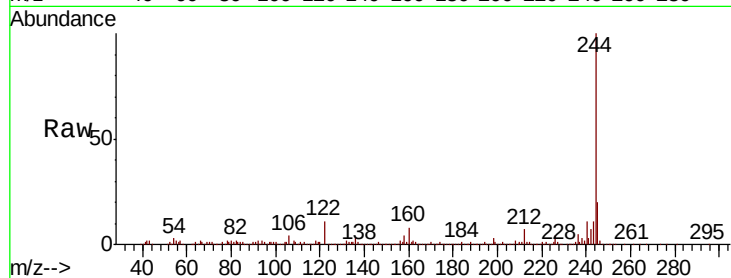




#79
 Terphenyl-d14
 Concen: 60.967 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :
 20180927-WCC-3-COMPOSITE

Tgt Ion:244 Resp: 405857
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.1 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110862.D
 Acq: 19 Nov 2018 19:20

Tgt Ion:264 Resp: 88607
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.9 16.7 25.1

