

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110663.D
 Acq On : 10 Nov 2018 8:02
 Operator : JU/SJ
 Sample : J5881-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72241	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	294235	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	119455	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	186739	20.00	ng	0.00
76) Chrysene-d12	14.13	240	136960	20.00	ng	-0.01
87) Perylene-d12	15.66	264	101000	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	175586	39.48	ng	0.00
7) Phenol-d6	6.56	99	133494	23.47	ng	-0.01
23) Nitrobenzene-d5	7.51	82	493019	96.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	89354	74.24	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	899741	107.57	ng	0.00
79) Terphenyl-d14	13.06	244	537823	73.54	ng	0.00

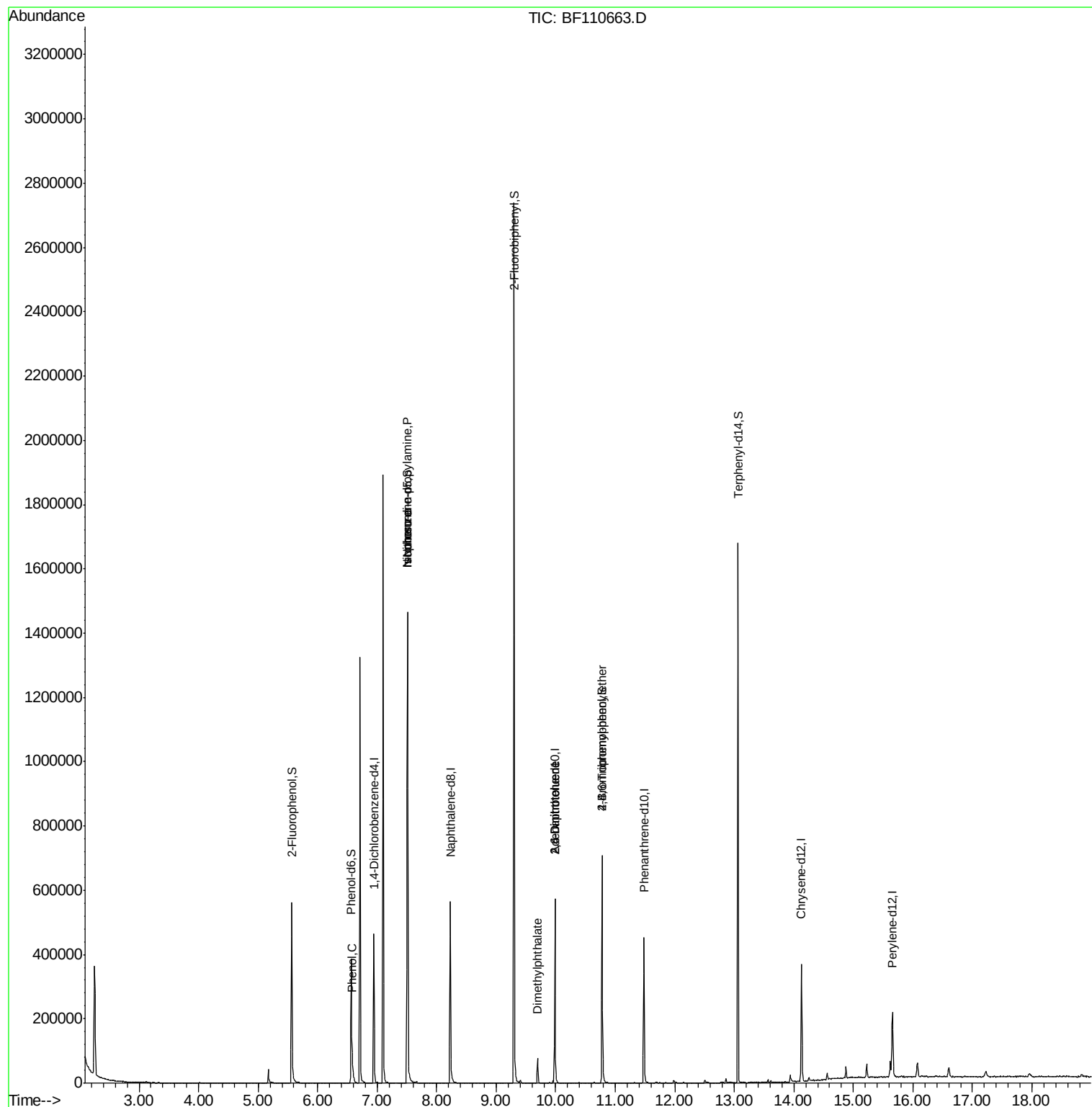
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.58	94	25625	3.886	ng	# 67
19) n-Nitroso-di-n-propylamine	7.51	70	65156	17.948	ng	# 81
25) Isophorone	7.51	82	493059	58.880	ng	# 67
50) Dimethylphthalate	9.69	163	34480	3.868	ng	99
51) 2,6-Dinitrotoluene	9.99	165	15236	7.770	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15236	5.976	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5765	2.793	ng	# 1

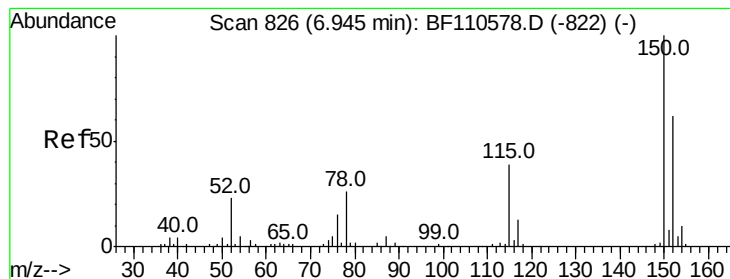
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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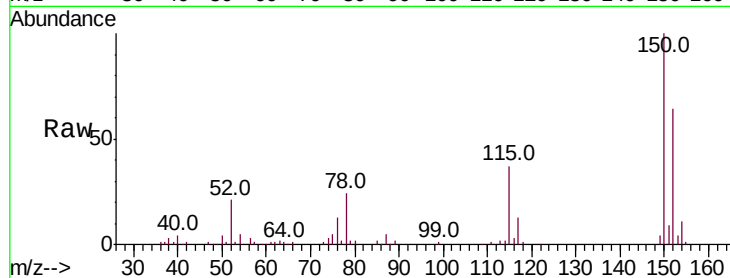


#1

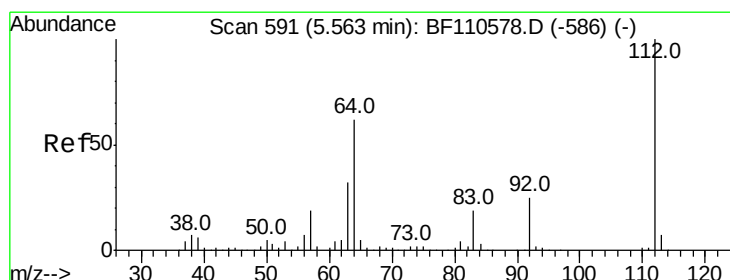
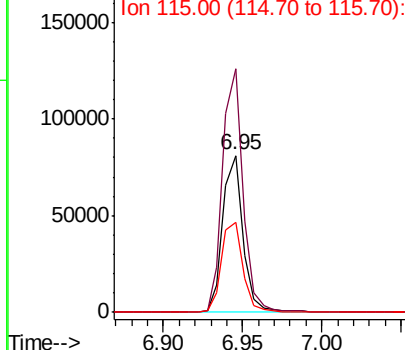
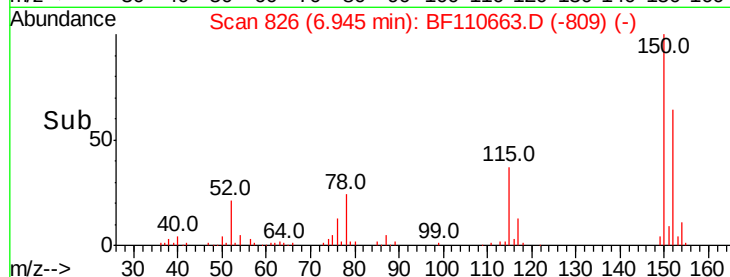
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 72241
Ion Ratio Lower Upper
152 100
150 155.1 122.7 184.1
115 57.5 49.1 73.7



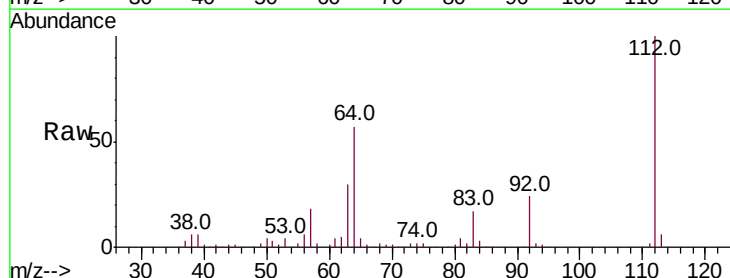
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



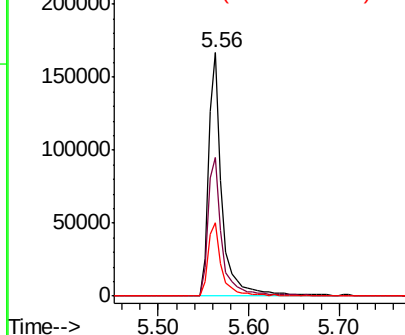
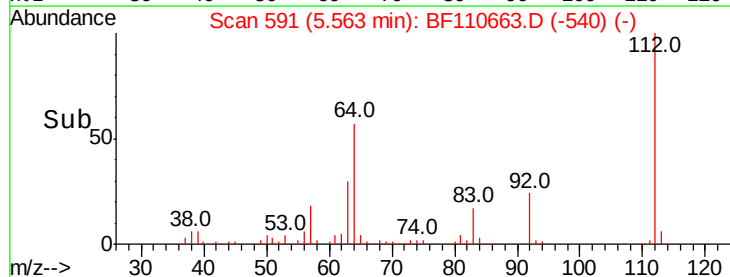
#5

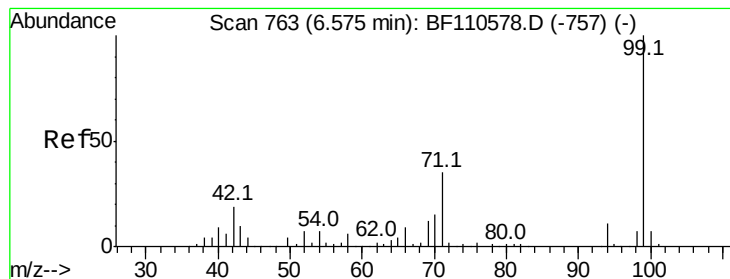
2-Fluorophenol
Concen: 39.480 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion:112 Resp: 175586
Ion Ratio Lower Upper
112 100
64 56.9 44.1 66.1
63 30.3 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: 23.473 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

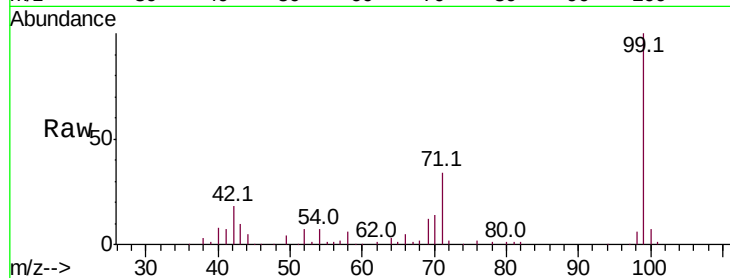
Tot Ion: 99 Resp: 133494

Ion Ratio Lower Upper

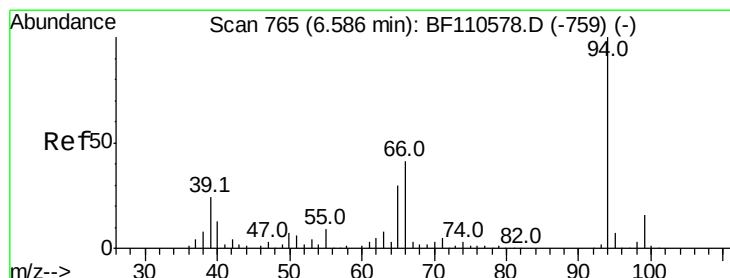
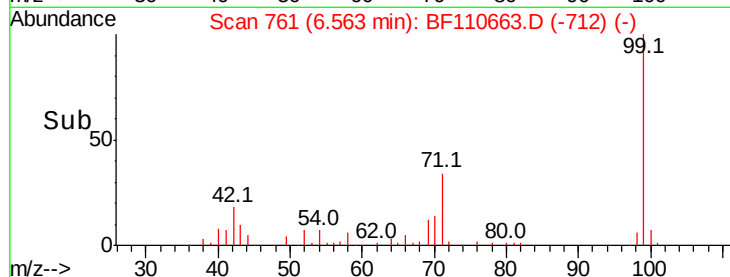
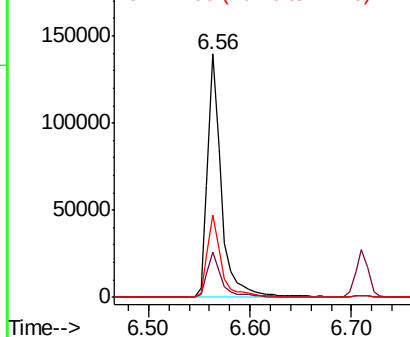
99 100

42 18.3 15.8 23.6

71 33.7 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



#10

Phenol

Concen: 3.886 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

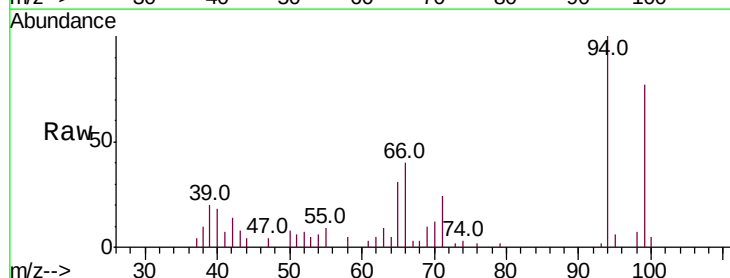
Tgt Ion: 94 Resp: 25625

Ion Ratio Lower Upper

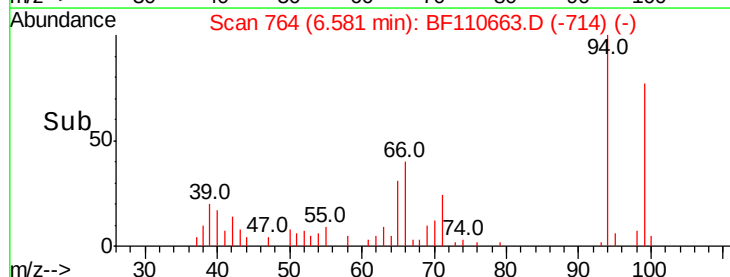
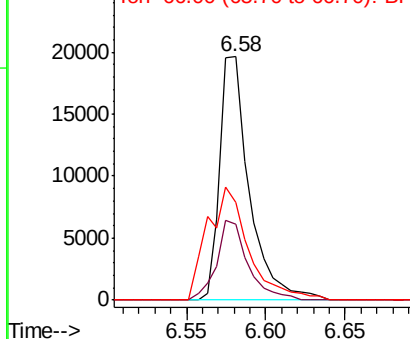
94 100

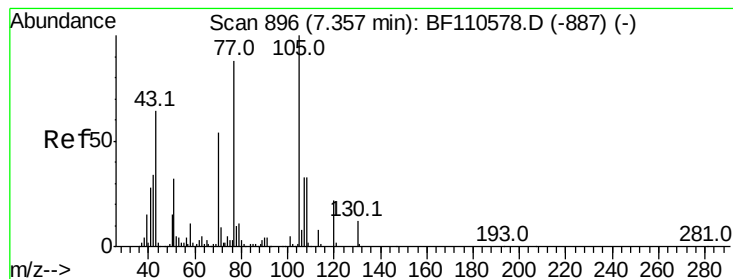
65 31.2 25.3 65.3

66 39.9 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: 17.948 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 65156

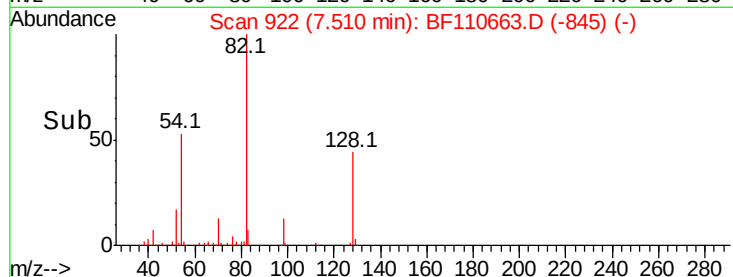
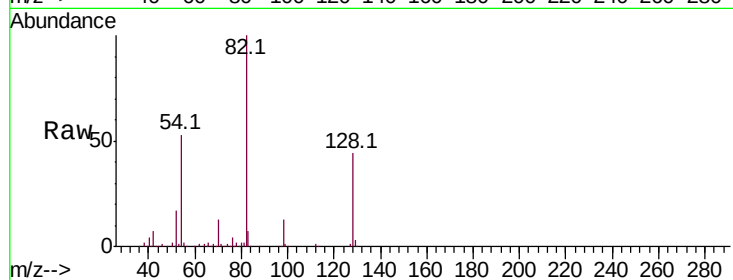
Ion Ratio Lower Upper

70 100

42 50.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

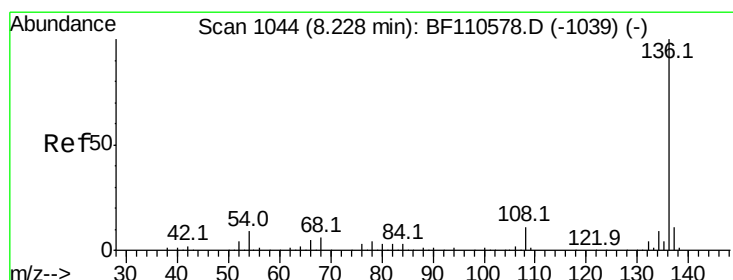
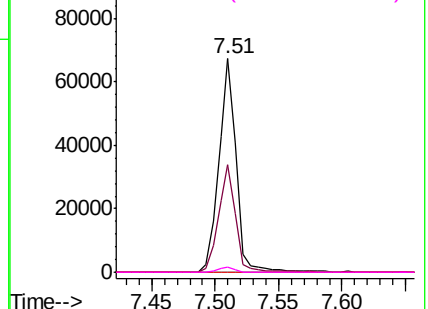


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

Tgt Ion: 136 Resp: 294235

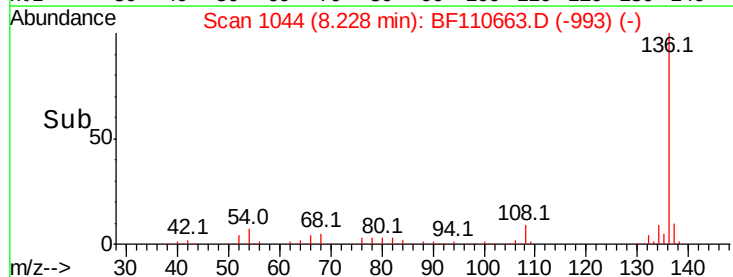
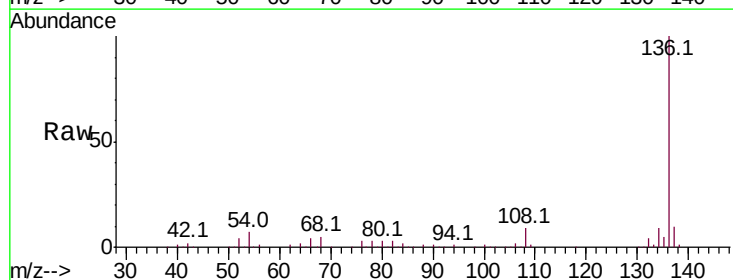
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.3 5.4 8.2

68 4.7 4.2 6.2

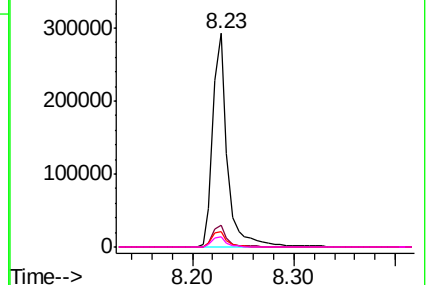


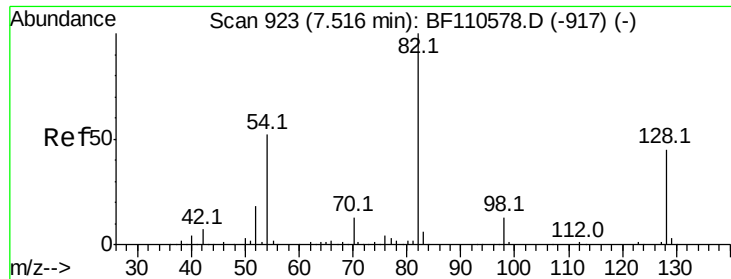
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

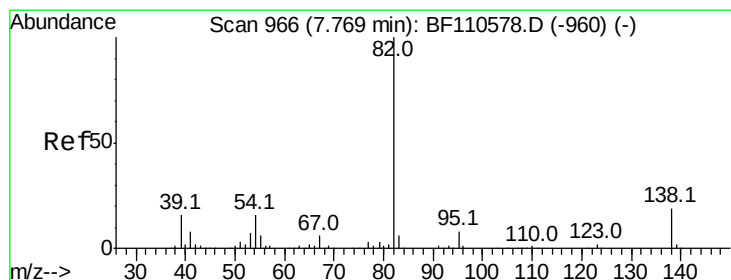
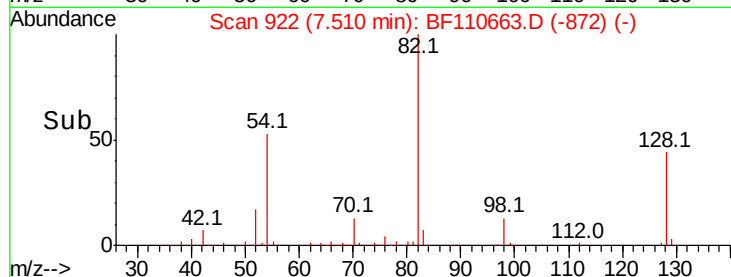
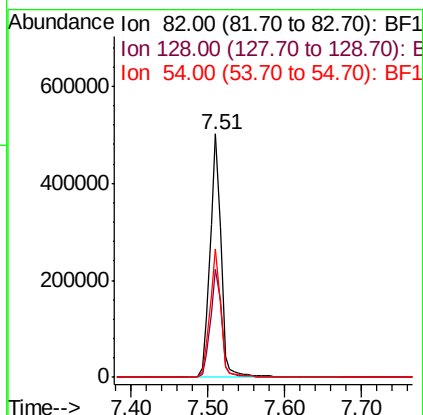
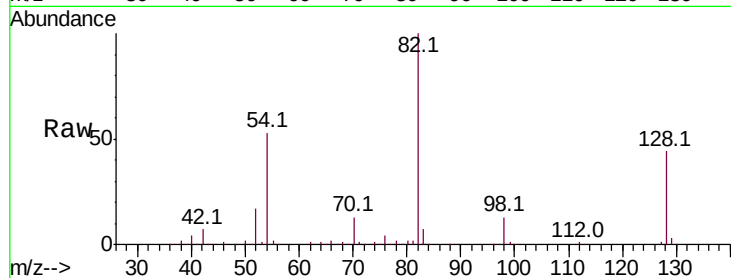




#23
Nitrobenzene-d5
Concen: 96.497 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

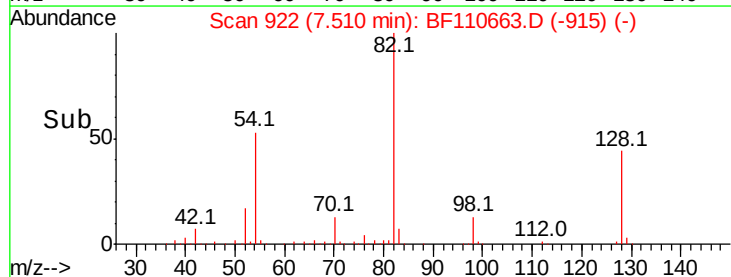
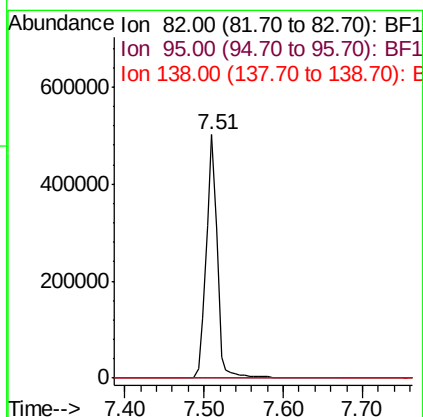
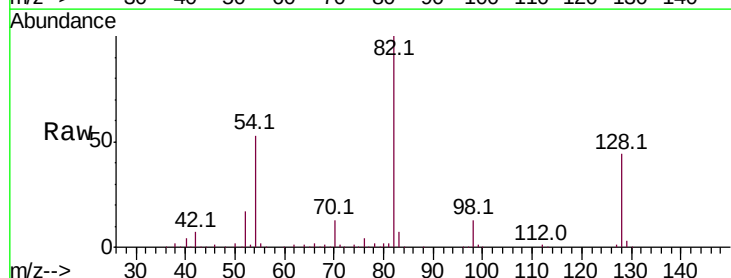
Instrument :
BNA_F
ClientSampleId :

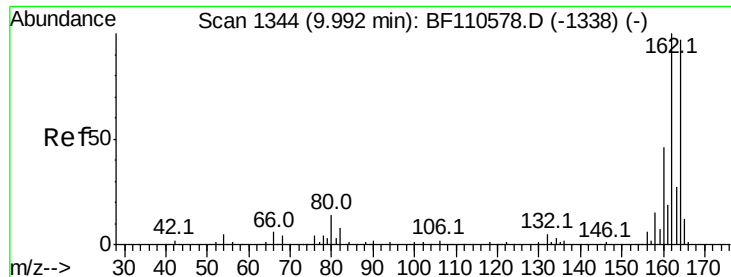
Tot Ion: 82 Resp: 493019
Ion Ratio Lower Upper
82 100
128 44.3 34.2 51.2
54 52.7 38.6 58.0



#25
Isophorone
Concen: 58.880 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion: 82 Resp: 493059
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

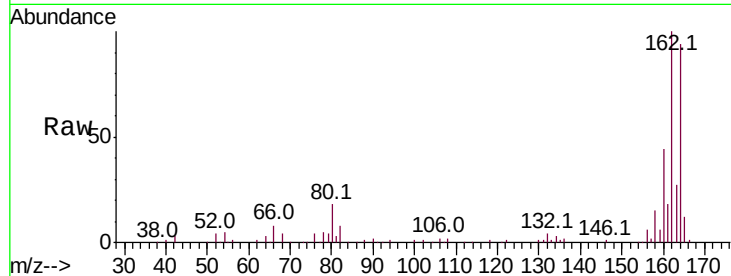




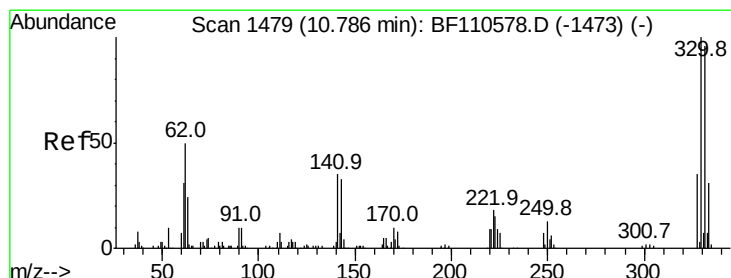
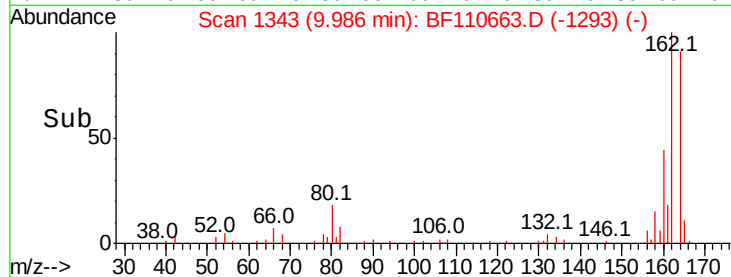
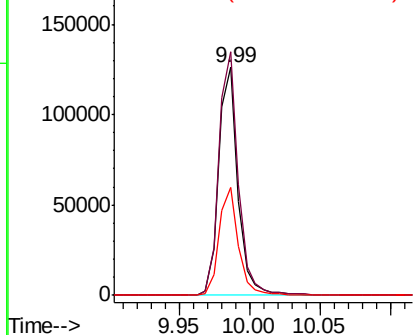
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.0	124.6
160	47.2	37.0	55.6

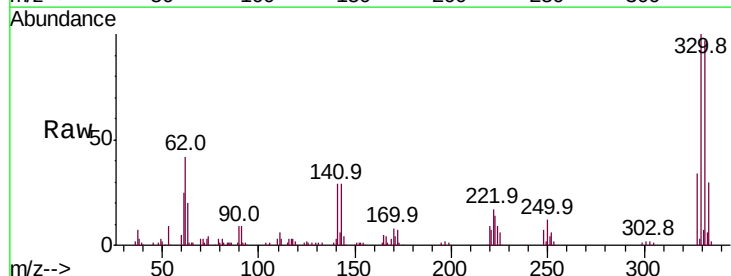


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

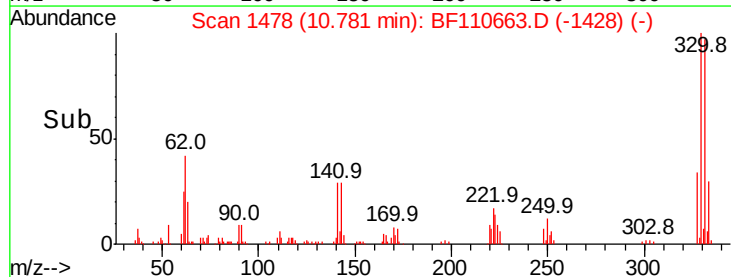
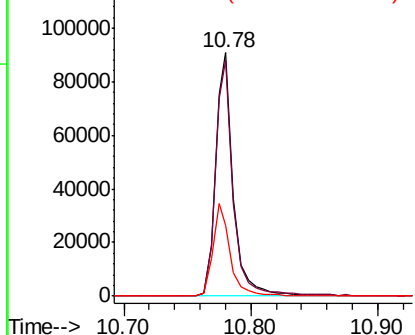


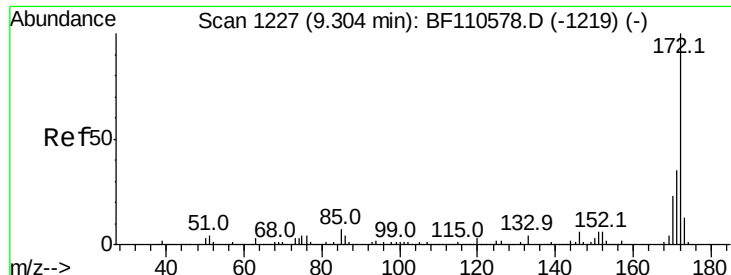
#42
2,4,6-Tribromophenol
Concen: 74.235 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110663.D
Acq: 10 Nov 2018 8:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	37.3	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

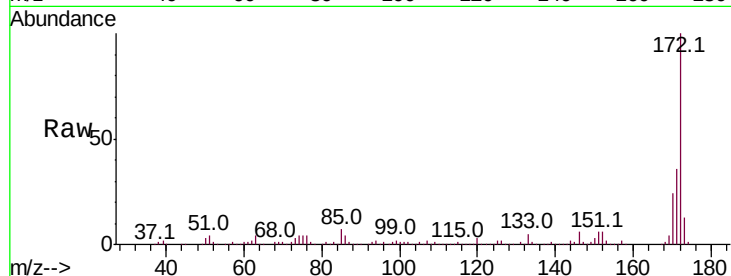




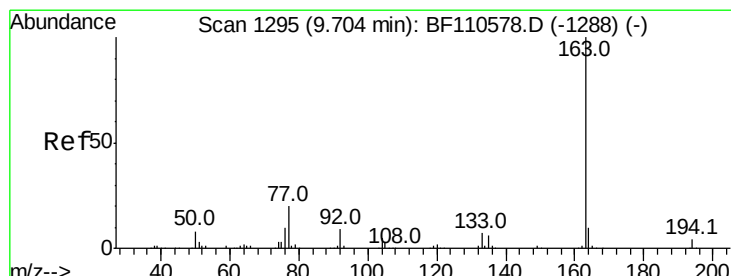
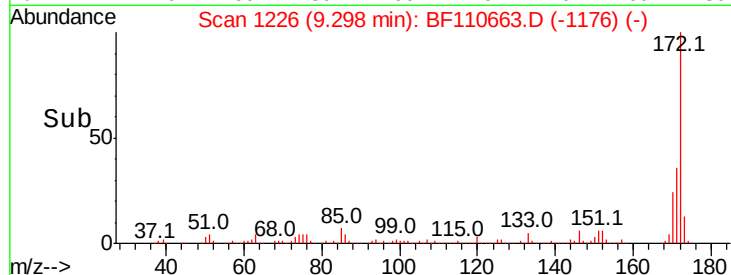
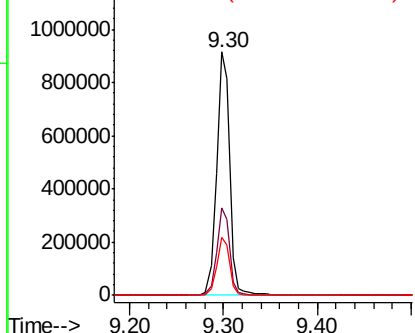
#45
 2-Fluorobiphenyl
 Concen: 107.571 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 899741
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.8 19.7 29.5

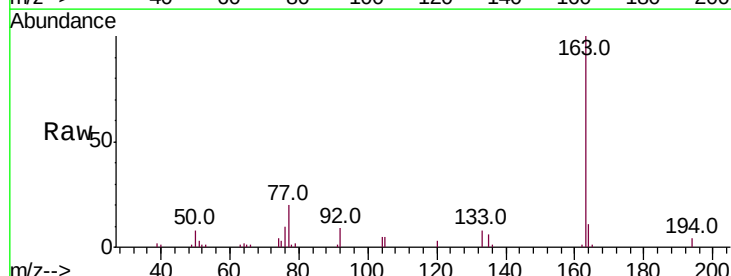


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

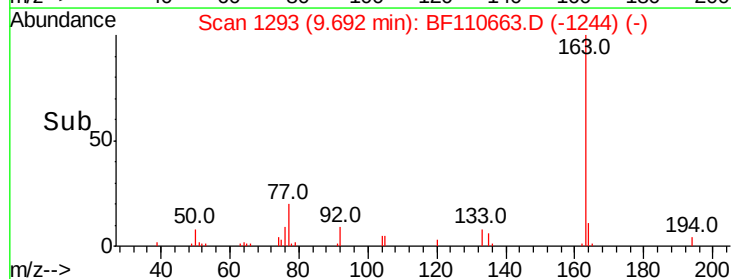
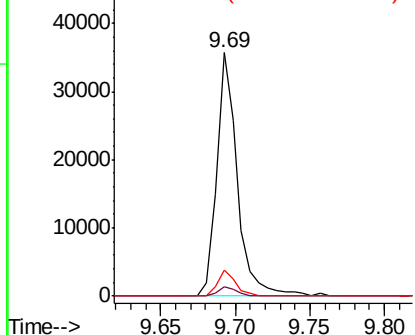


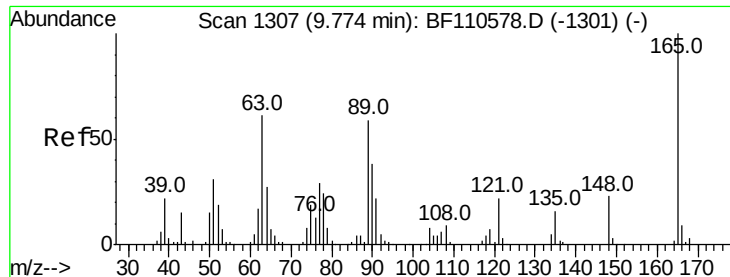
#50
 Dimethylphthalate
 Concen: 3.868 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Tgt Ion:163 Resp: 34480
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 10.7 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

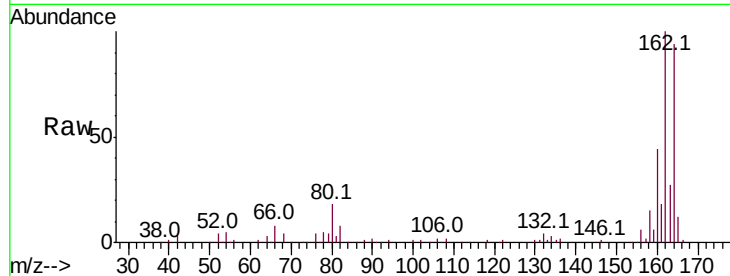




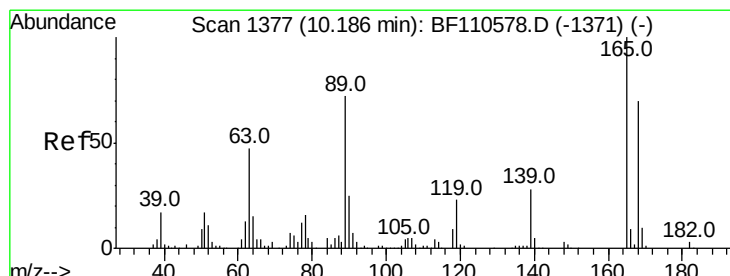
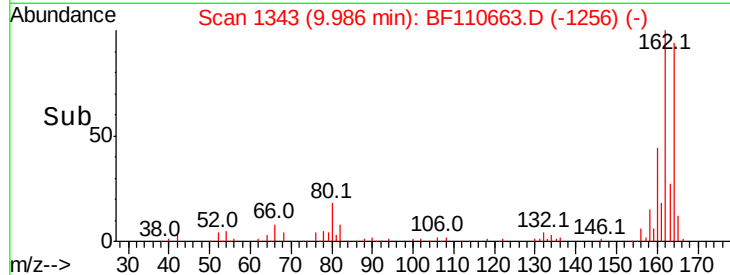
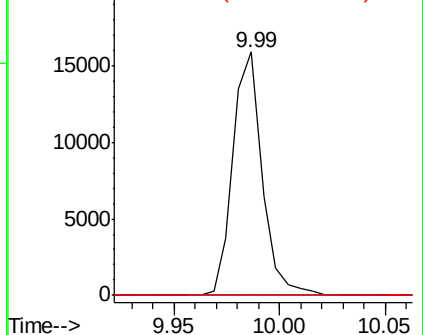
#51
 2,6-Dinitrotoluene
 Concen: 7.770 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	15236
Ion Ratio	Lower	Upper	
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



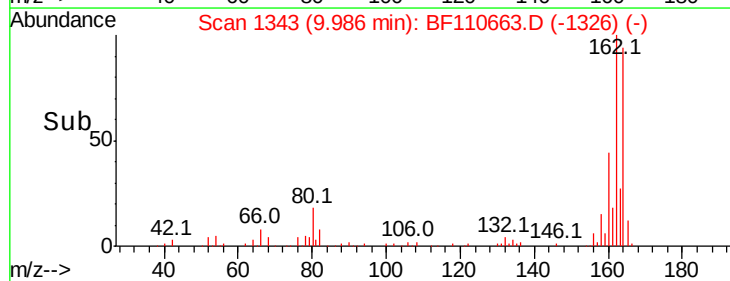
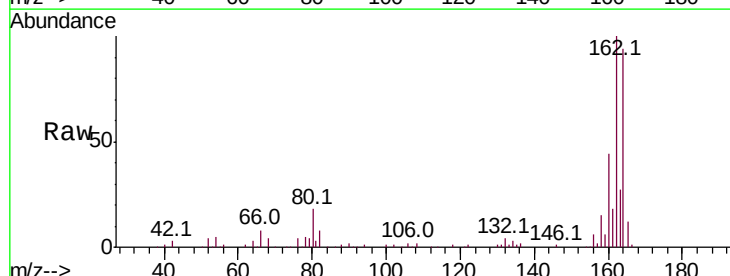
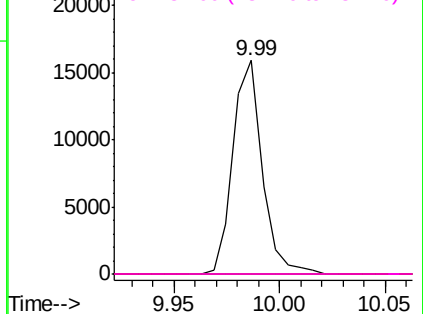
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

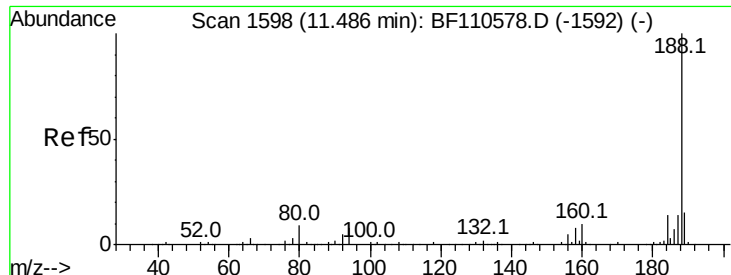


#57
 2,4-Dinitrotoluene
 Concen: 5.976 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Tgt Ion:	165	Resp:	15236
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: BF110663.D

Acq: 10 Nov 2018 8:02

Instrument :

BNA_F

ClientSampled :

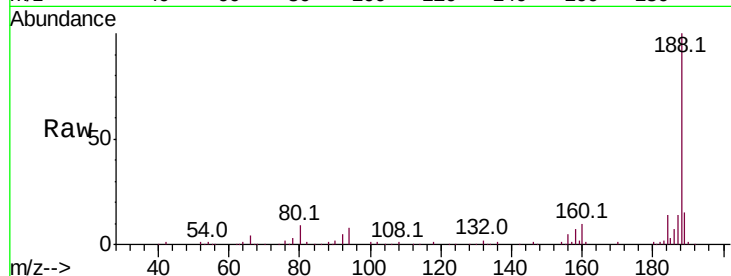
Tot Ion:188 Resp: 186739

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

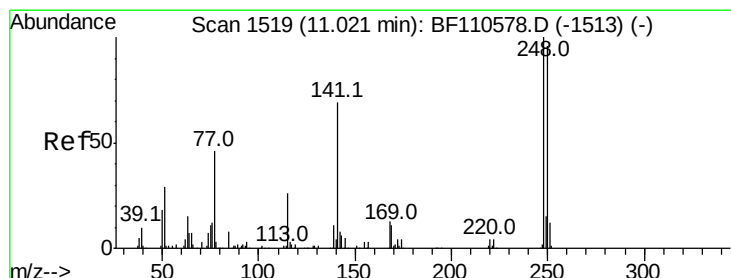
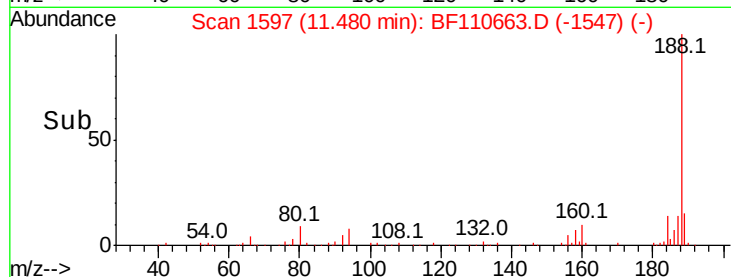
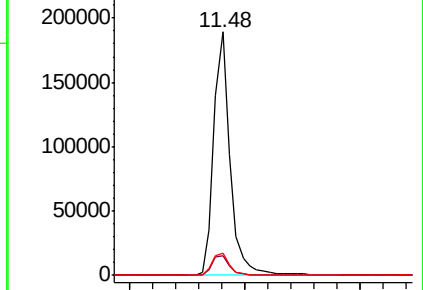
80 9.3 7.9 11.9



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: 2.793 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.24 min

Lab File: BF110663.D

Acq: 10 Nov 2018 8:02

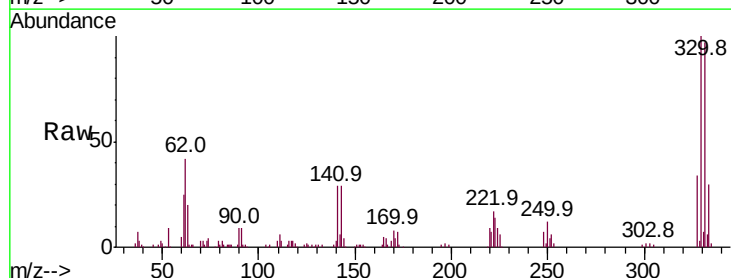
Tgt Ion:248 Resp: 5765

Ion Ratio Lower Upper

248 100

250 186.0 79.4 119.2#

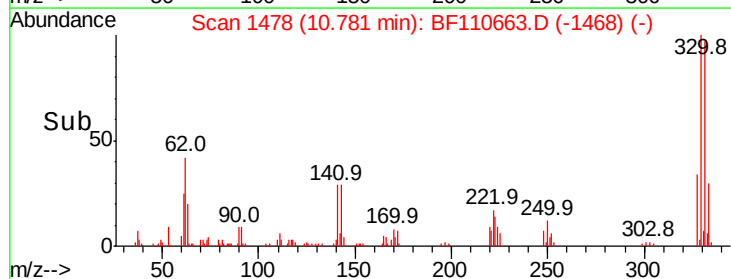
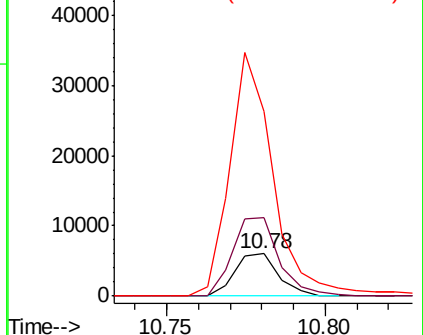
141 437.9 55.9 83.9#

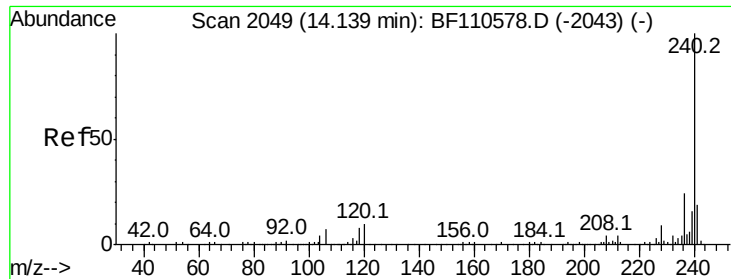


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

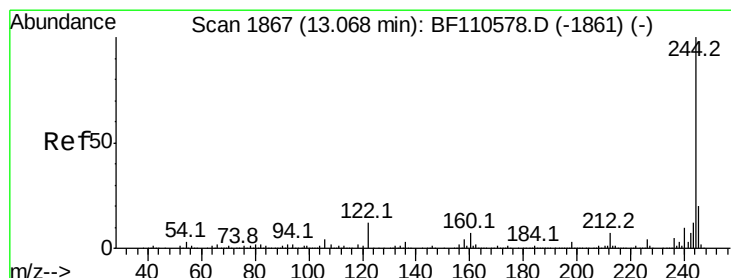
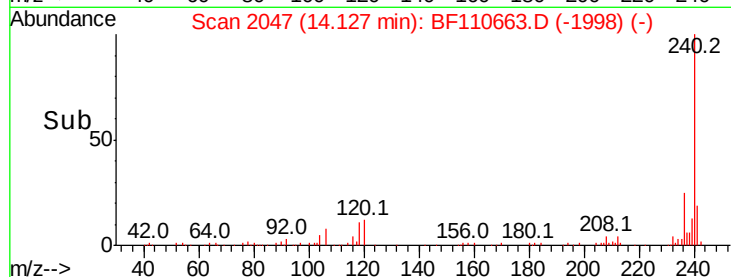
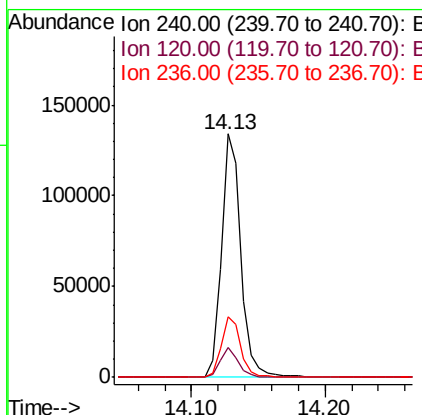
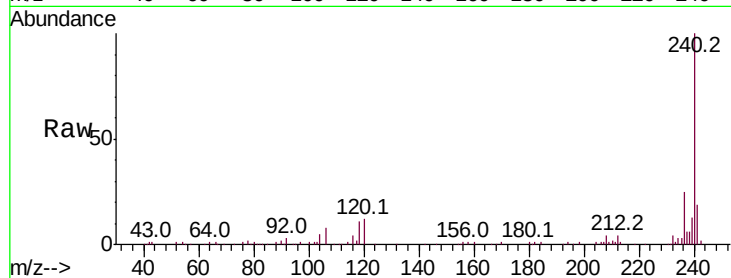




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

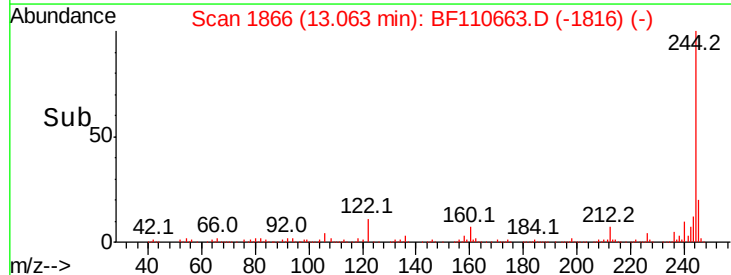
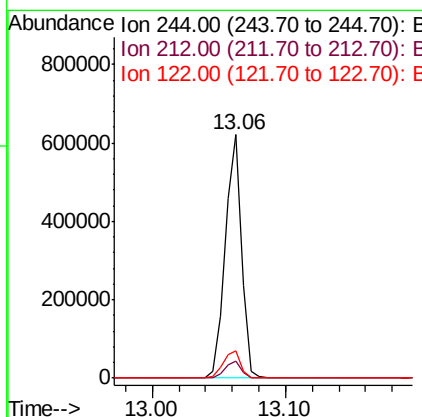
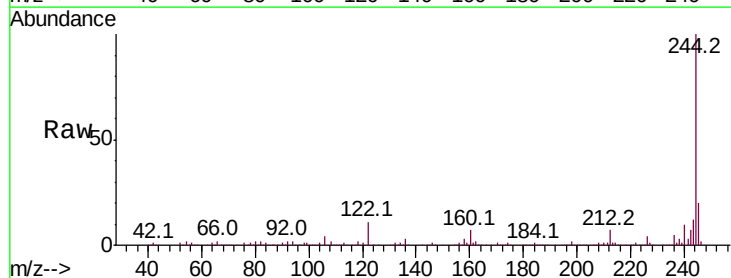
Instrument :
 BNA_F
 ClientSampleId :

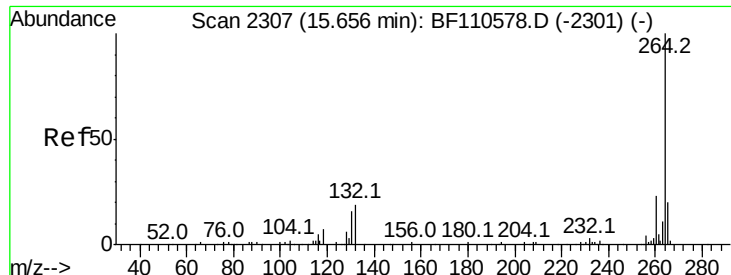
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	24.9	21.2	31.8



#79
 Terphenyl-d14
 Concen: 73.541 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.4	8.7	13.1

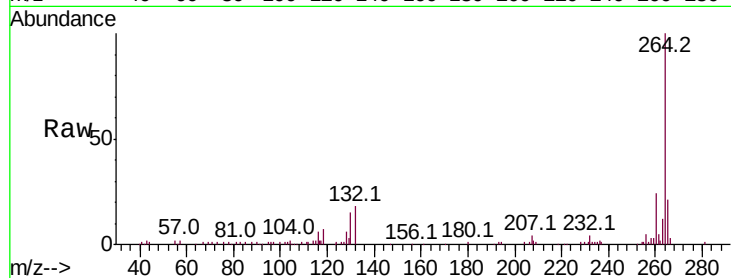




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110663.D
 Acq: 10 Nov 2018 8:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	101000
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	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

