

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110363.D
 Acq On : 1 Nov 2018 12:44
 Operator : JU/SJ
 Sample : J5741-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:52:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

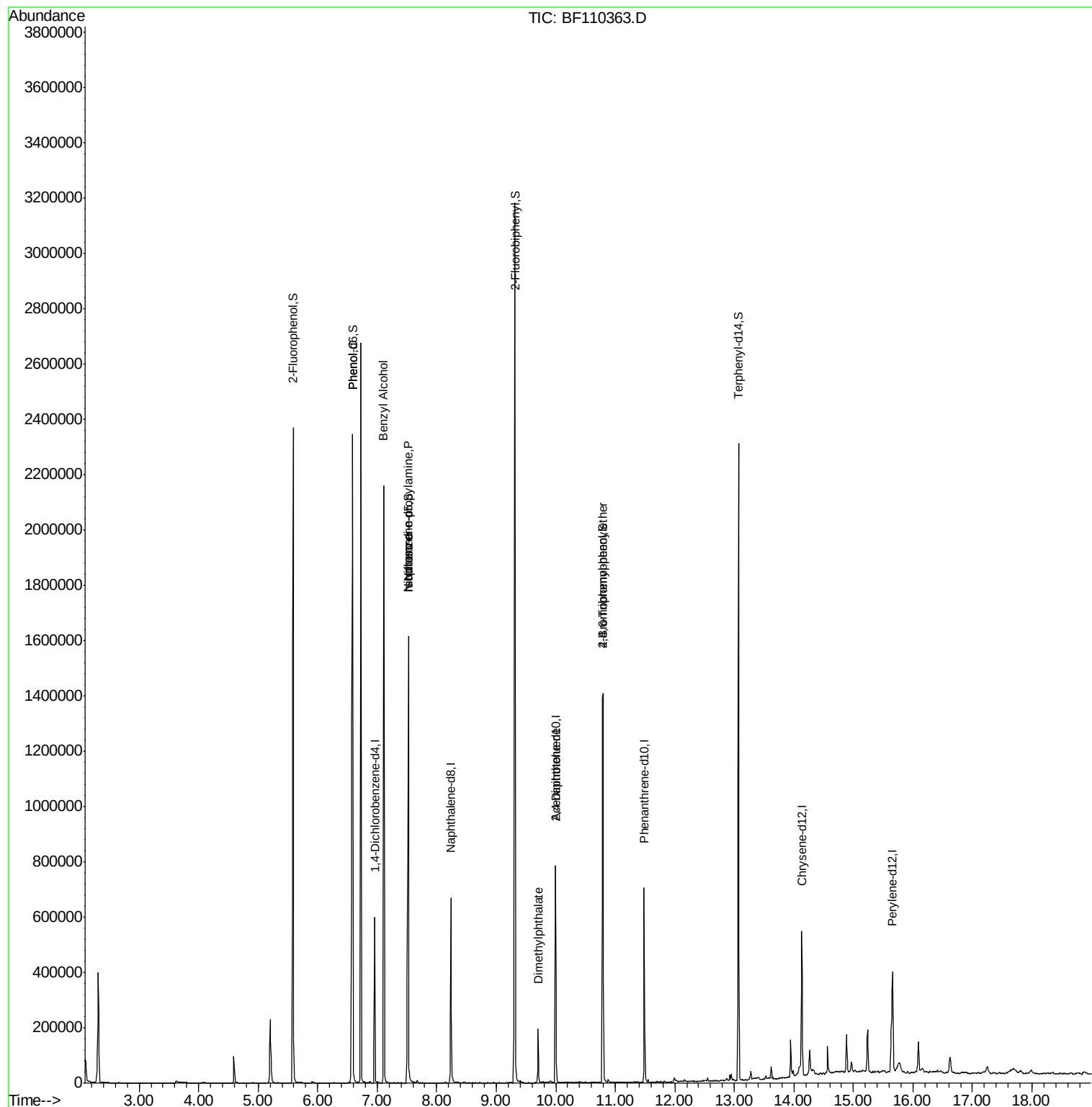
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	84306	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	343403	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	160409	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	276594	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	160357	20.00	ng	-0.04
87) Perylene-d12	15.66	264	168329	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	678561	131.07	ng	0.00
7) Phenol-d6	6.59	99	887935	134.09	ng	-0.02
23) Nitrobenzene-d5	7.52	82	578804	99.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	176298	110.95	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1081265	105.85	ng	-0.02
79) Terphenyl-d14	13.07	244	816924	105.95	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.58	77	1706	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	47926	6.771 ng		82
15) Benzyl Alcohol	7.11	79	10255	2.014 ng	#	57
19) n-Nitroso-di-n-propylamine	7.52	70	76406	17.985 ng	#	78
25) Isophorone	7.52	82	578799	58.648 ng	#	67
50) Dimethylphthalate	9.70	163	87683	7.405 ng		99
57) 2,4-Dinitrotoluene	10.00	165	19585	6.045 ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	11396	3.798 ng	#	1

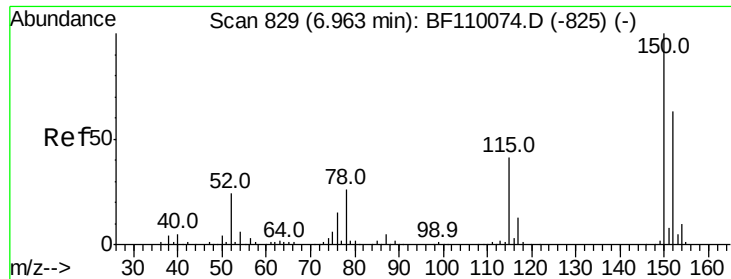
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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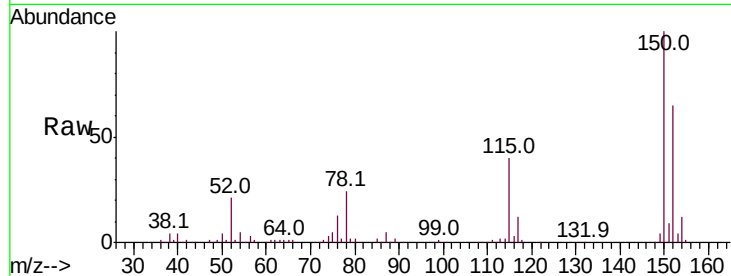


#1

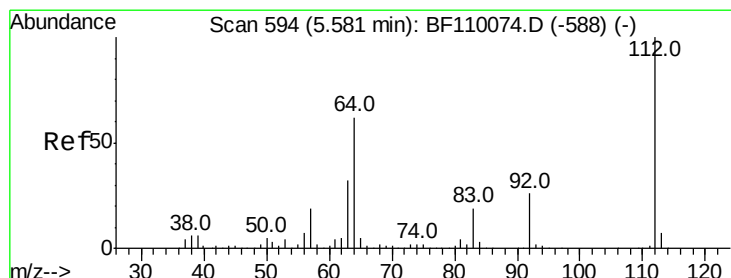
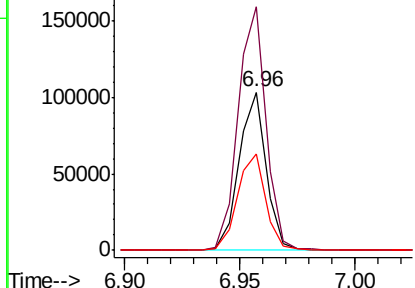
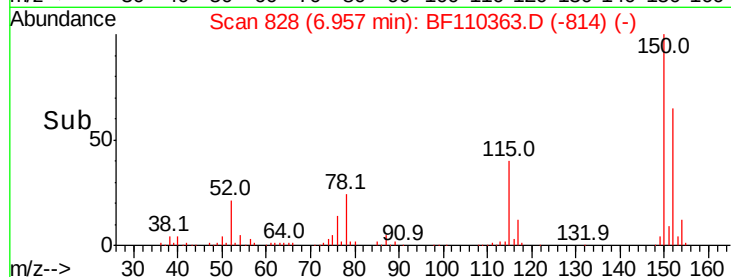
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110363.D
Acq: 1 Nov 2018 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84306
Ion Ratio Lower Upper
152 100
150 153.9 122.7 184.1
115 61.0 49.1 73.7



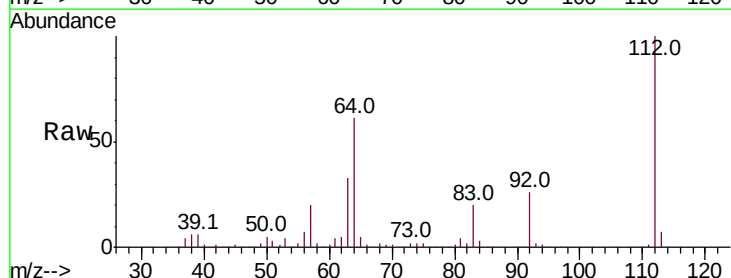
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



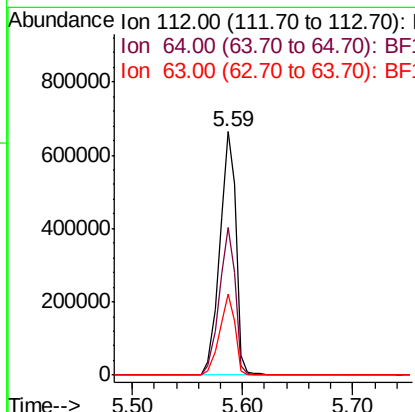
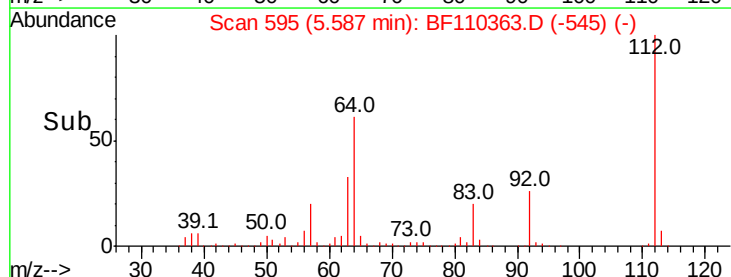
#5

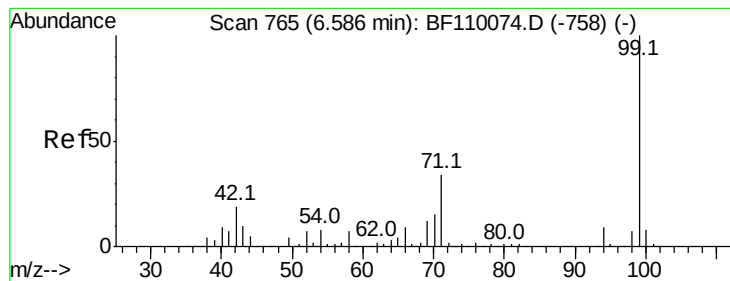
2-Fluorophenol
Concen: 131.071 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110363.D
Acq: 1 Nov 2018 12:44

Tgt Ion:112 Resp: 678561
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 33.1 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: 134.091 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

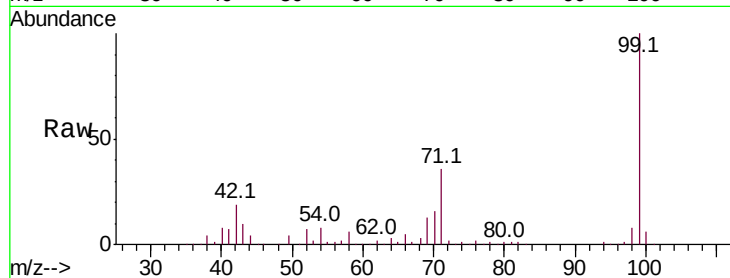
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 887935

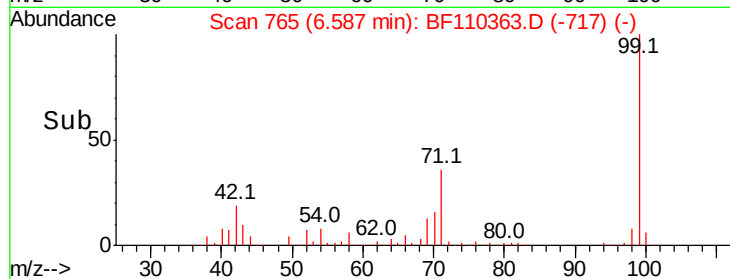
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.6	28.0	42.0



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: 6.771 ng

RT: 6.59 min Scan# 766

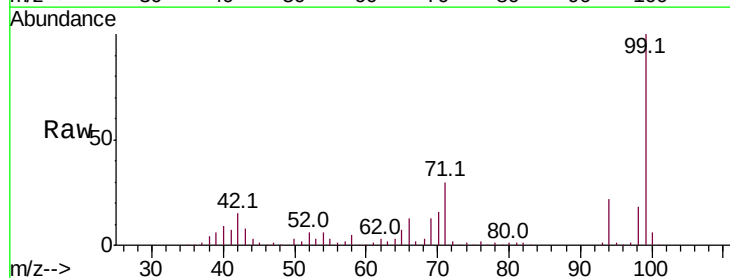
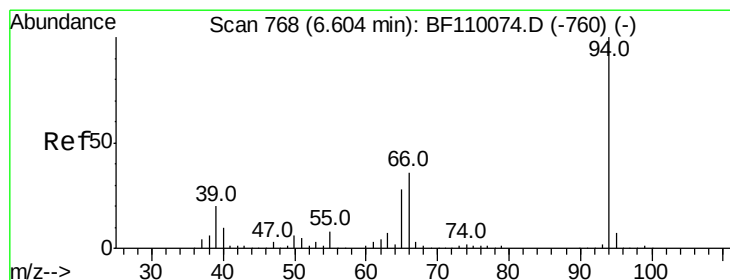
Delta R.T. -0.02 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Tgt Ion: 94 Resp: 47926

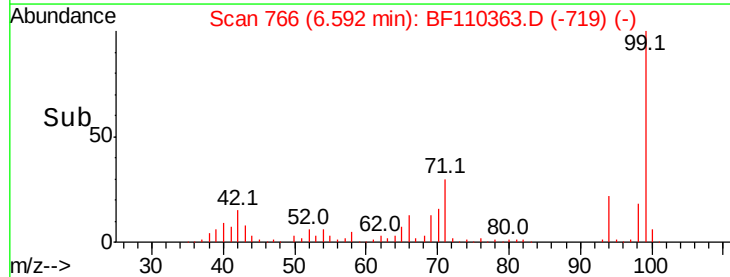
Ion	Ratio	Lower	Upper
94	100		
65	33.8	25.3	65.3
66	59.5	54.5	94.5



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



#10

Phenol

Concen: 6.771 ng

RT: 6.59 min Scan# 766

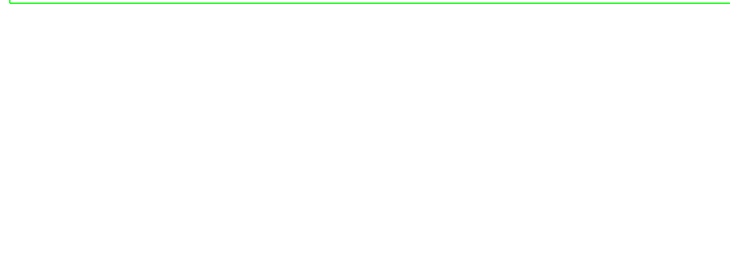
Delta R.T. -0.02 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Tgt Ion: 94 Resp: 47926

Ion	Ratio	Lower	Upper
94	100		
65	33.8	25.3	65.3
66	59.5	54.5	94.5

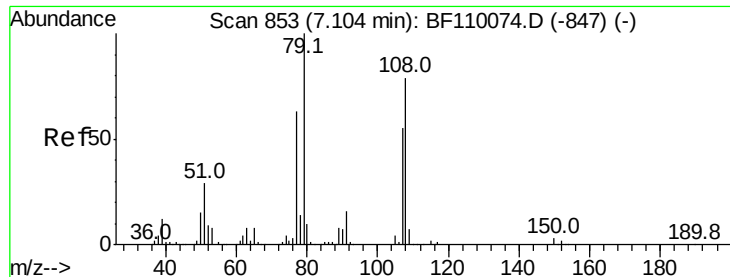


#10

Phenol

Concen: 6.771 ng

RT: 6.59 min Scan# 766



#15

Benzyl Alcohol

Concen: 2.014 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA_F

ClientSampleId :

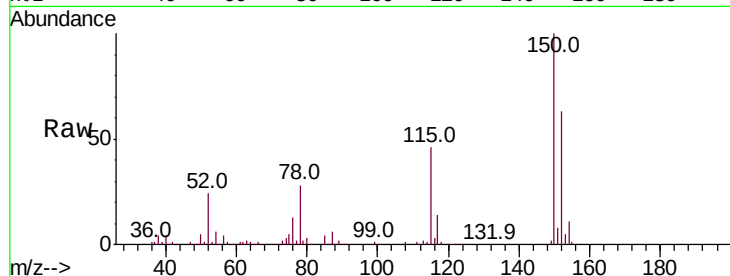
Tot Ion: 79 Resp: 10255

Ion Ratio Lower Upper

79 100

108 27.1 56.3 84.5#

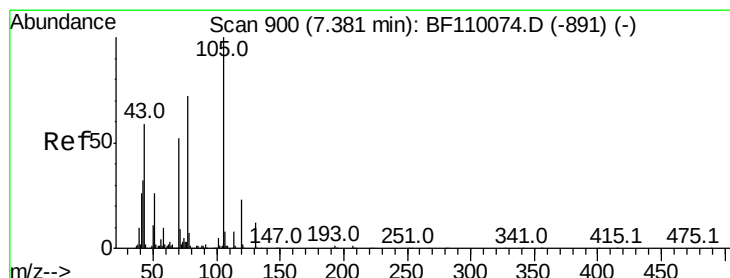
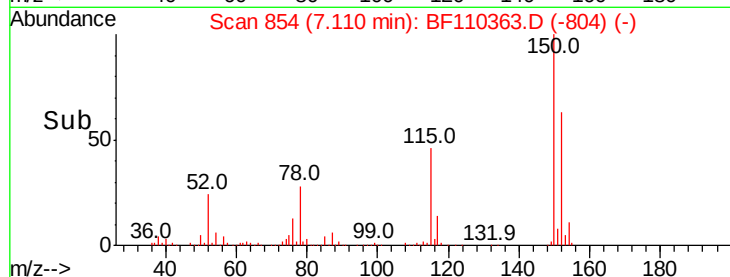
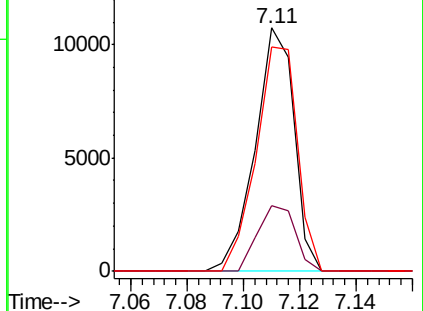
77 92.0 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.985 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.14 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Tgt Ion: 70 Resp: 76406

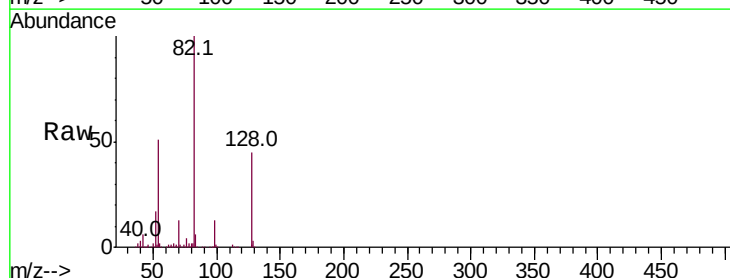
Ion Ratio Lower Upper

70 100

42 47.2 47.4 71.2#

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

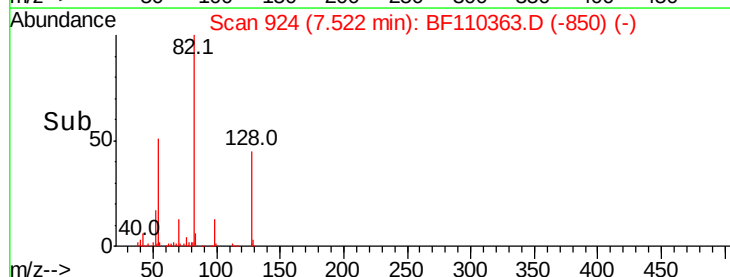
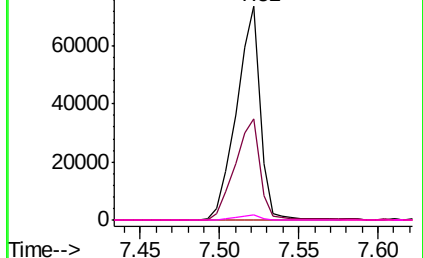


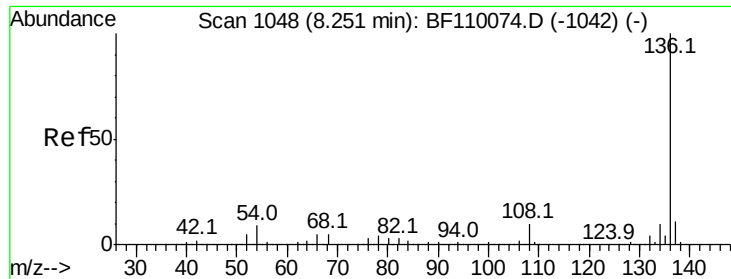
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

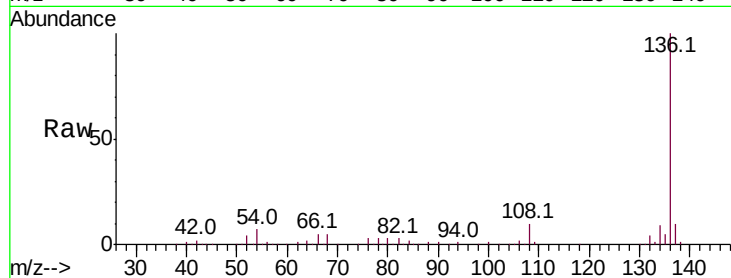




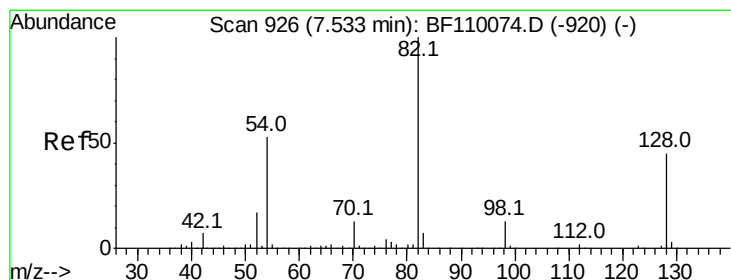
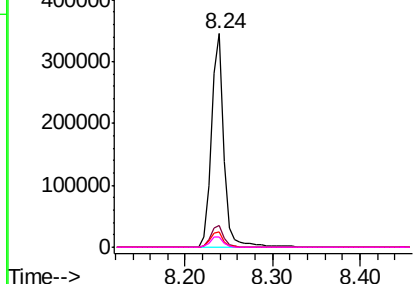
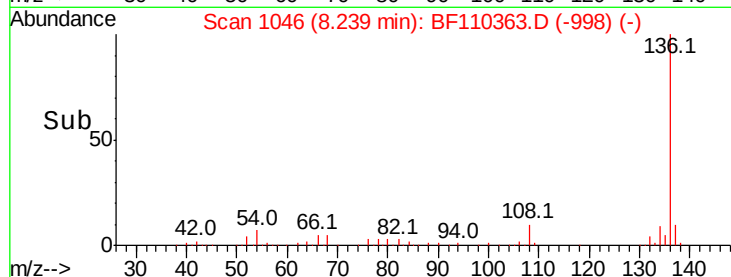
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110363.D
Acq: 1 Nov 2018 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	343403
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.3	5.4	8.2
68	4.5	4.2	6.2

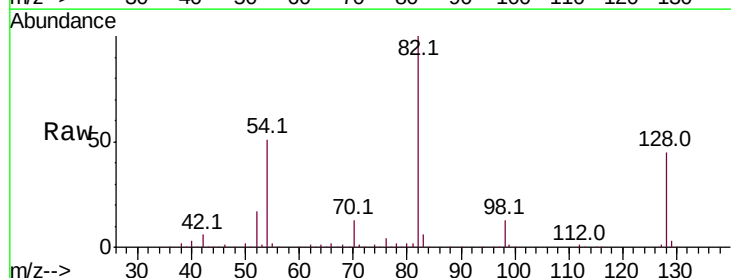


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

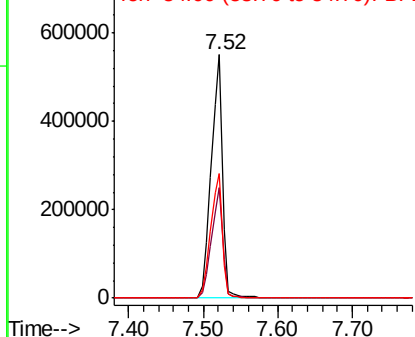
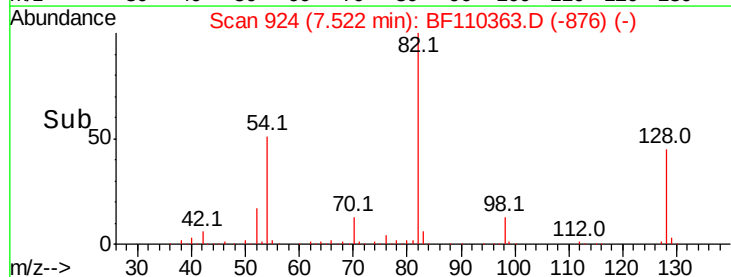


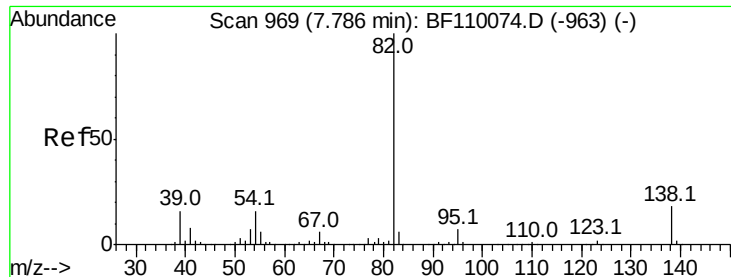
#23
Nitrobenzene-d5
Concen: 99.972 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110363.D
Acq: 1 Nov 2018 12:44

Tgt Ion:	82	Resp:	578804
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	51.4	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 58.648 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.27 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA_F

ClientSampleId :

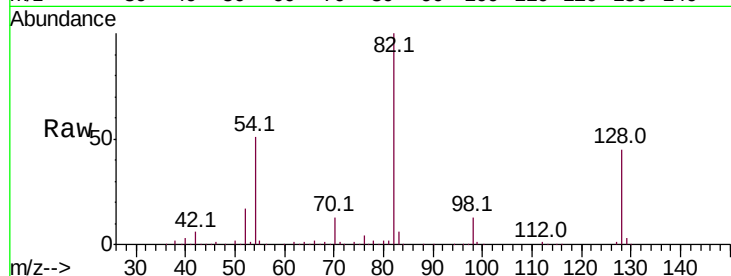
Tot Ion: 82 Resp: 578799

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

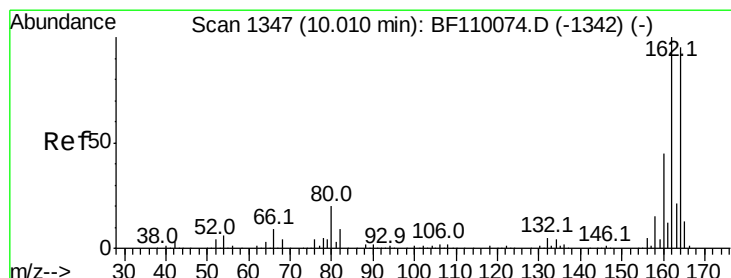
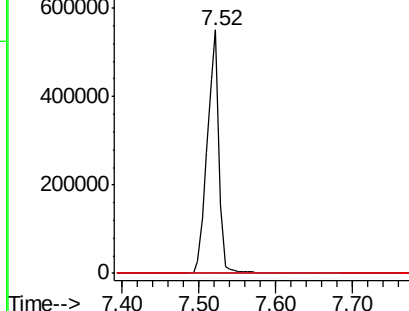
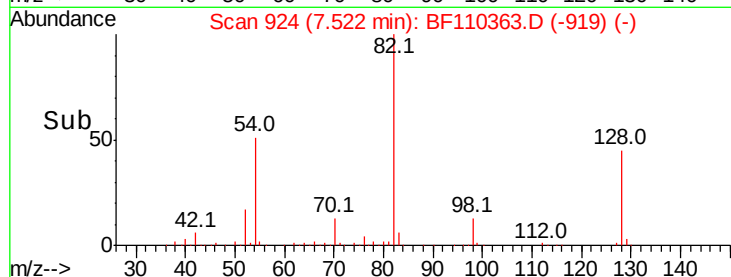
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

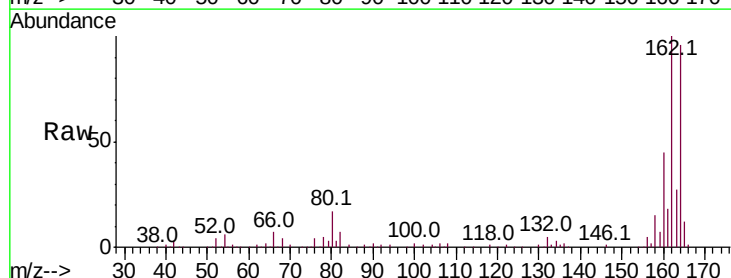
Tgt Ion:164 Resp: 160409

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

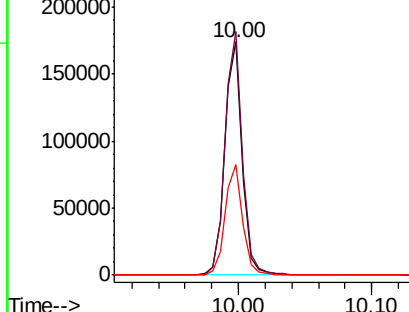
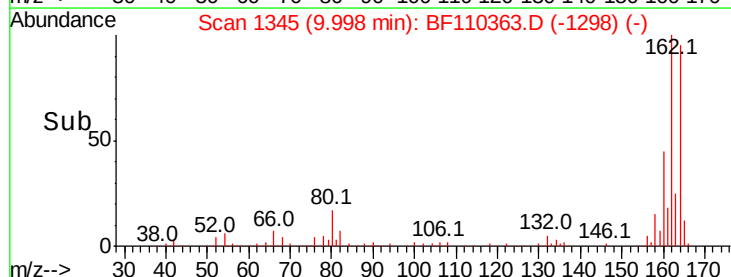
160 47.3 37.0 55.6

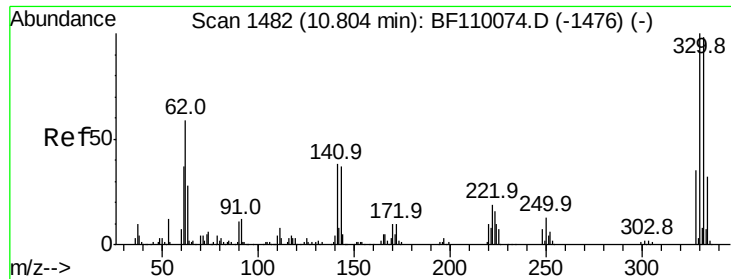


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

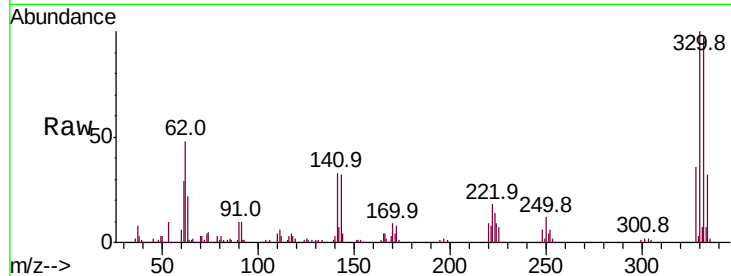




#42
 2,4,6-Tribromophenol
 Concen: 110.952 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF110363.D
 Acq: 1 Nov 2018 12:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	38.0	27.0	40.4

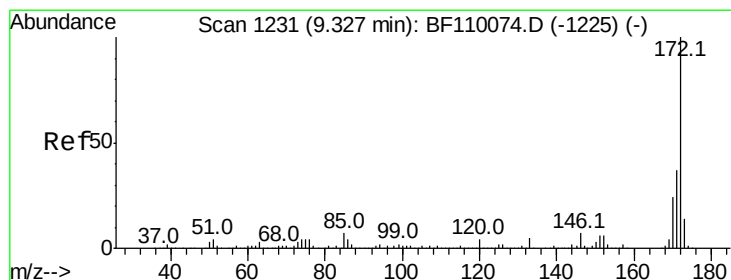
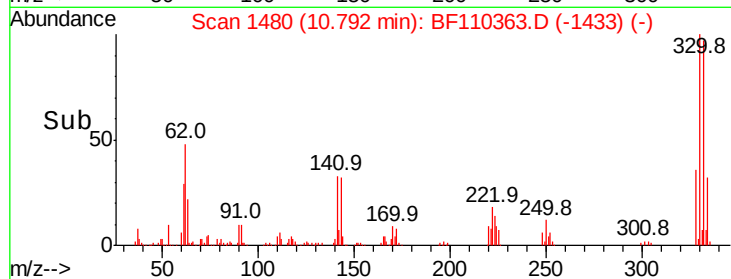
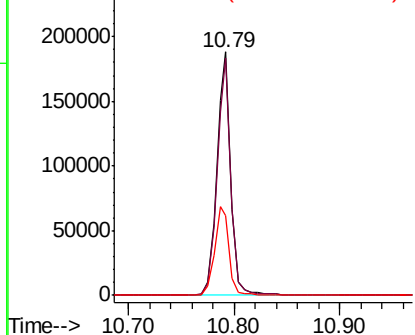


Abundance

Ion 329.80 (329.50 to 330.50): E

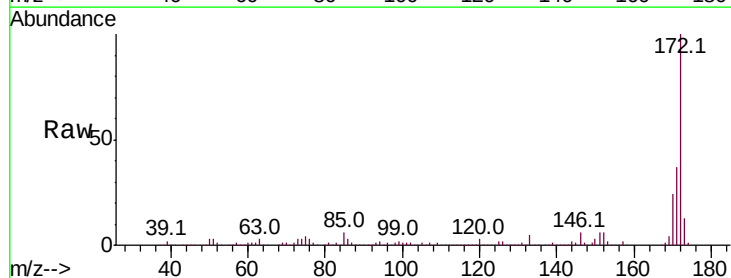
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.846 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF110363.D
 Acq: 1 Nov 2018 12:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	23.8	19.7	29.5

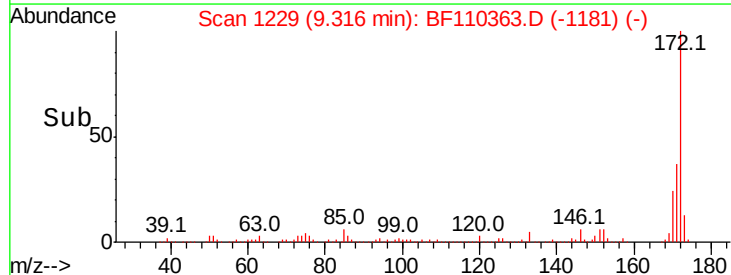
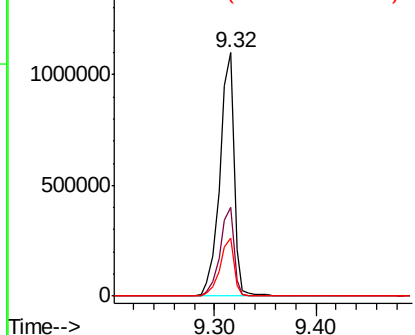


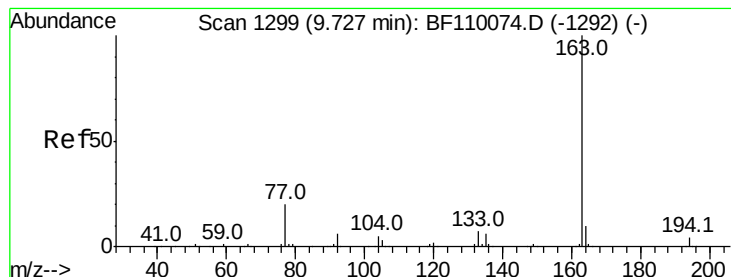
Abundance

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: 7.405 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.03 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA_F

ClientSampleId :

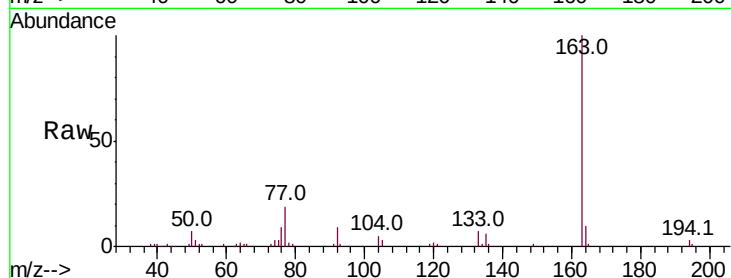
Tot Ion:163 Resp: 87683

Ion Ratio Lower Upper

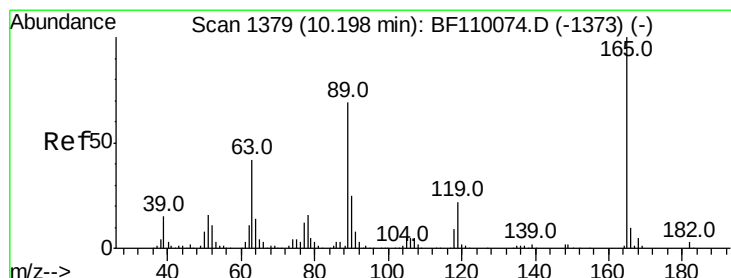
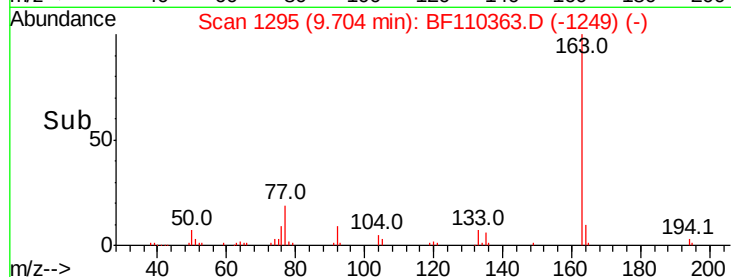
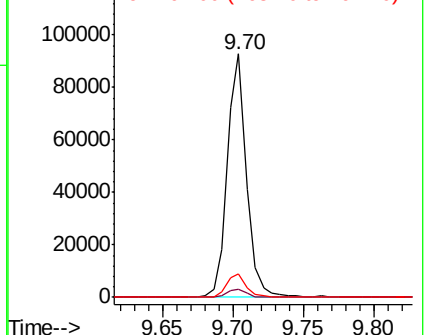
163 100

194 3.5 3.2 4.8

164 9.7 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



#57

2,4-Dinitrotoluene

Concen: 6.045 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.22 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Tgt Ion:165 Resp: 19585

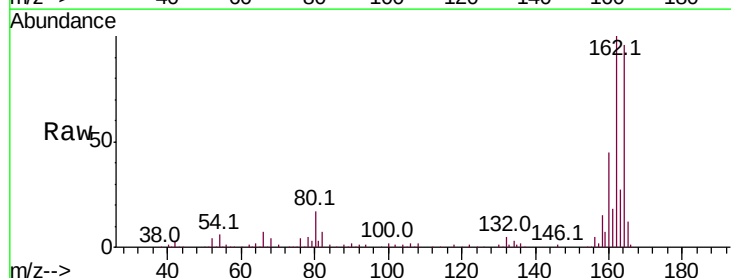
Ion Ratio Lower Upper

165 100

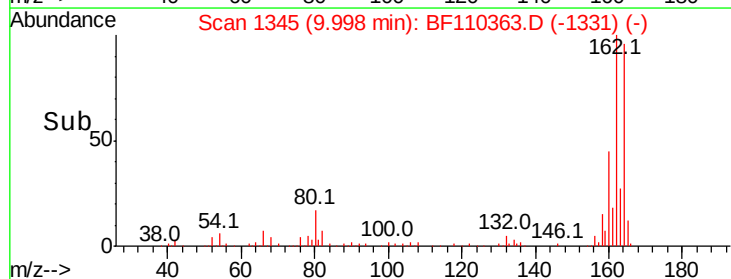
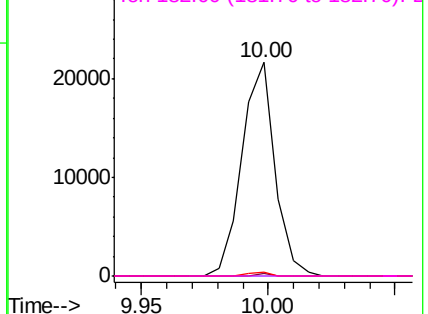
63 1.5 44.8 67.2#

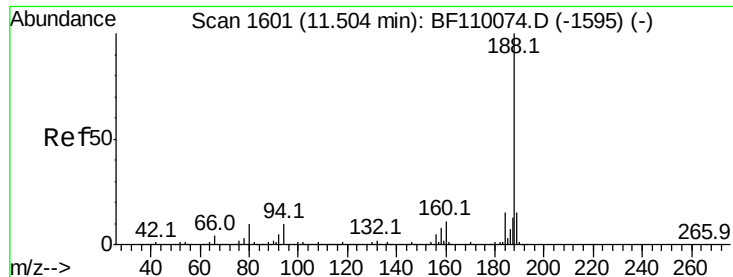
89 1.7 62.2 93.4#

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: 11.49 min Scan# 1598

Delta R.T. -0.03 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

Instrument :

BNA_F

ClientSampleId :

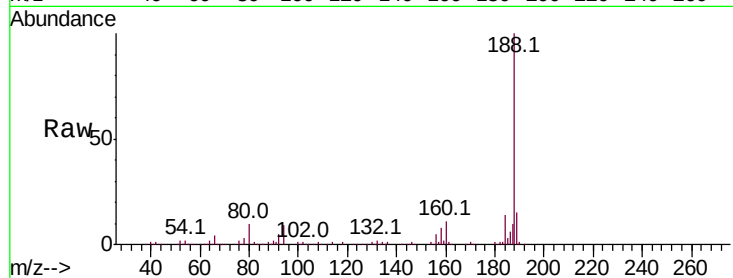
Tot Ion:188 Resp: 276594

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

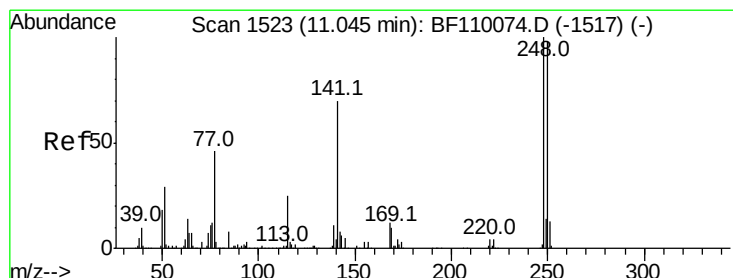
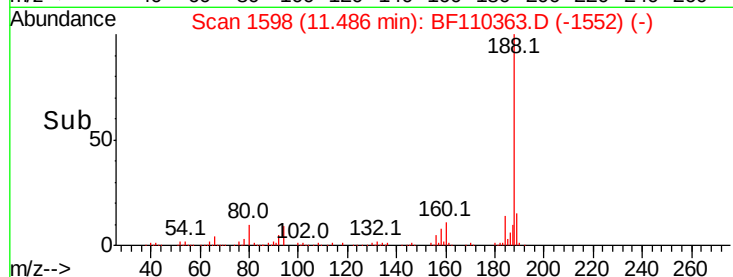
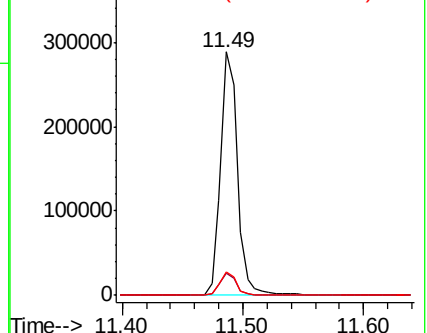
80 9.7 7.9 11.9



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: 3.798 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.26 min

Lab File: BF110363.D

Acq: 1 Nov 2018 12:44

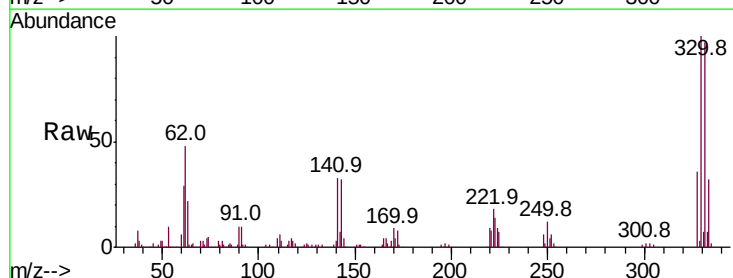
Tgt Ion:248 Resp: 11396

Ion Ratio Lower Upper

248 100

250 190.8 79.4 119.2#

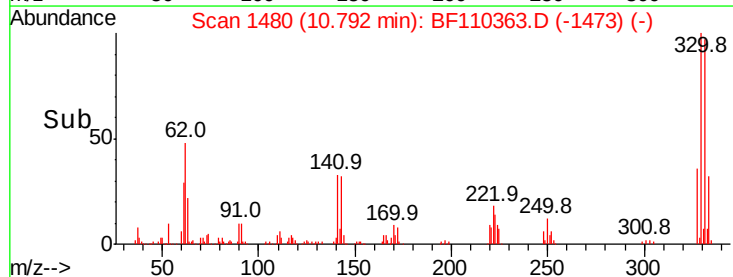
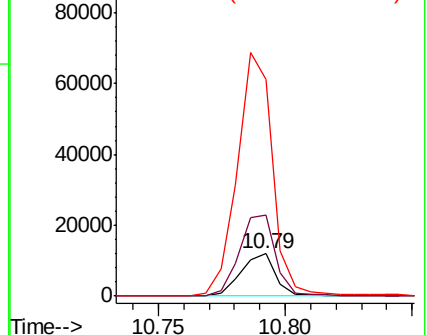
141 513.8 55.9 83.9#

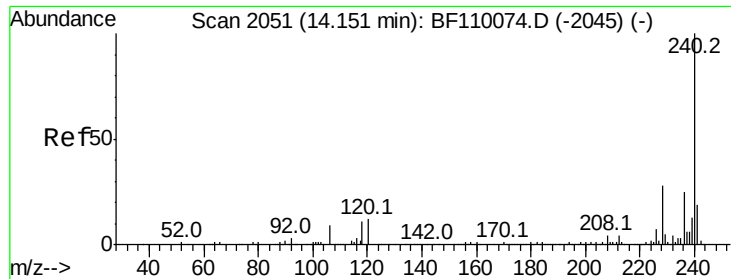


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

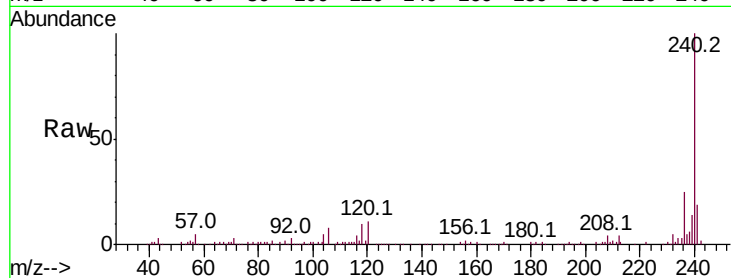




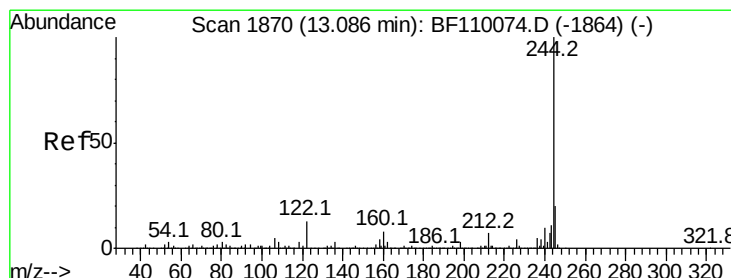
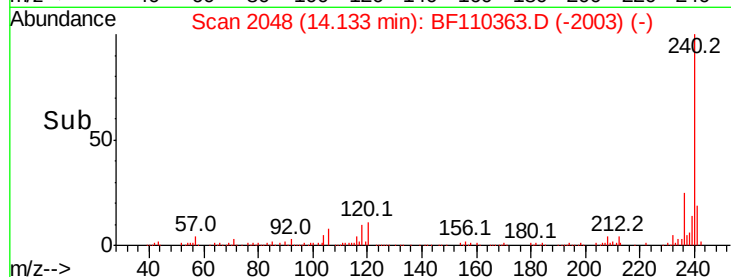
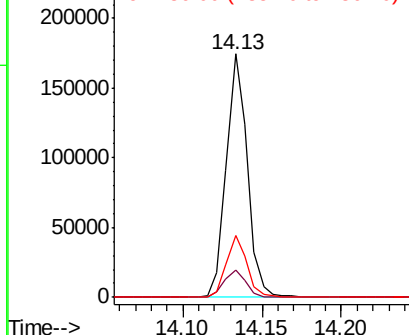
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.04 min
 Lab File: BF110363.D
 Acq: 1 Nov 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 160357
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.2 21.2 31.8

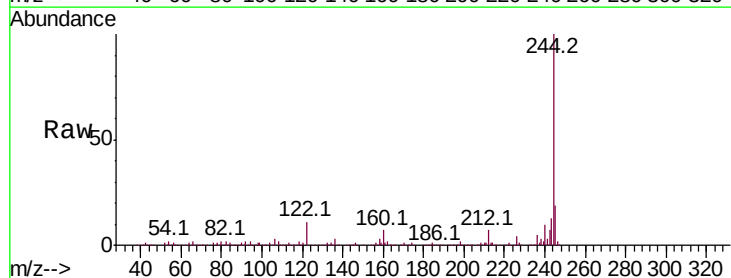


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

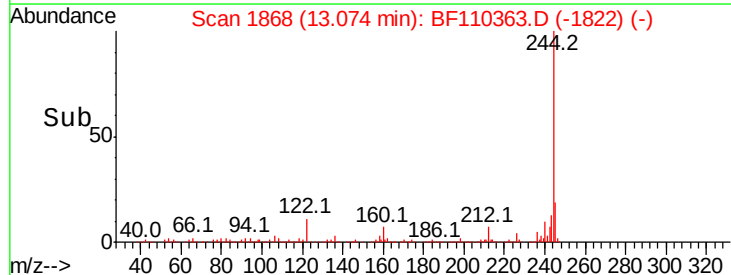
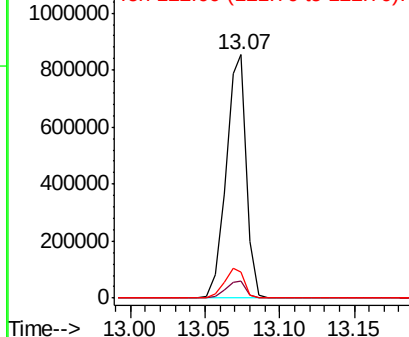


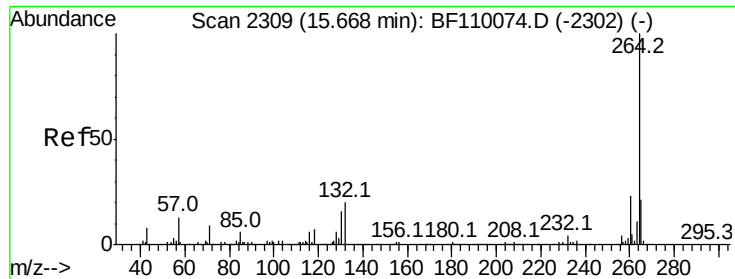
#79
 Terphenyl-d14
 Concen: 105.949 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. -0.03 min
 Lab File: BF110363.D
 Acq: 1 Nov 2018 12:44

Tgt Ion:244 Resp: 816924
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.8 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

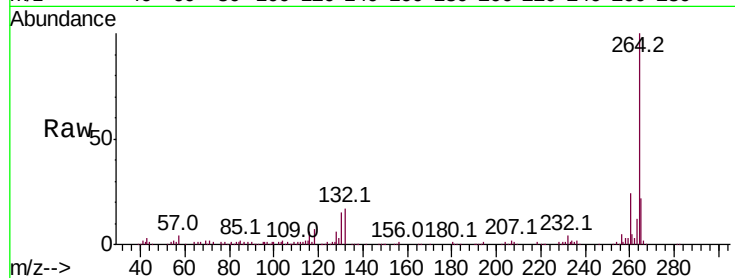




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.05 min
 Lab File: BF110363.D
 Acq: 1 Nov 2018 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	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

