

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110495.D
 Acq On : 6 Nov 2018 5:49
 Operator : JU/SJ
 Sample : J5810-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:39:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

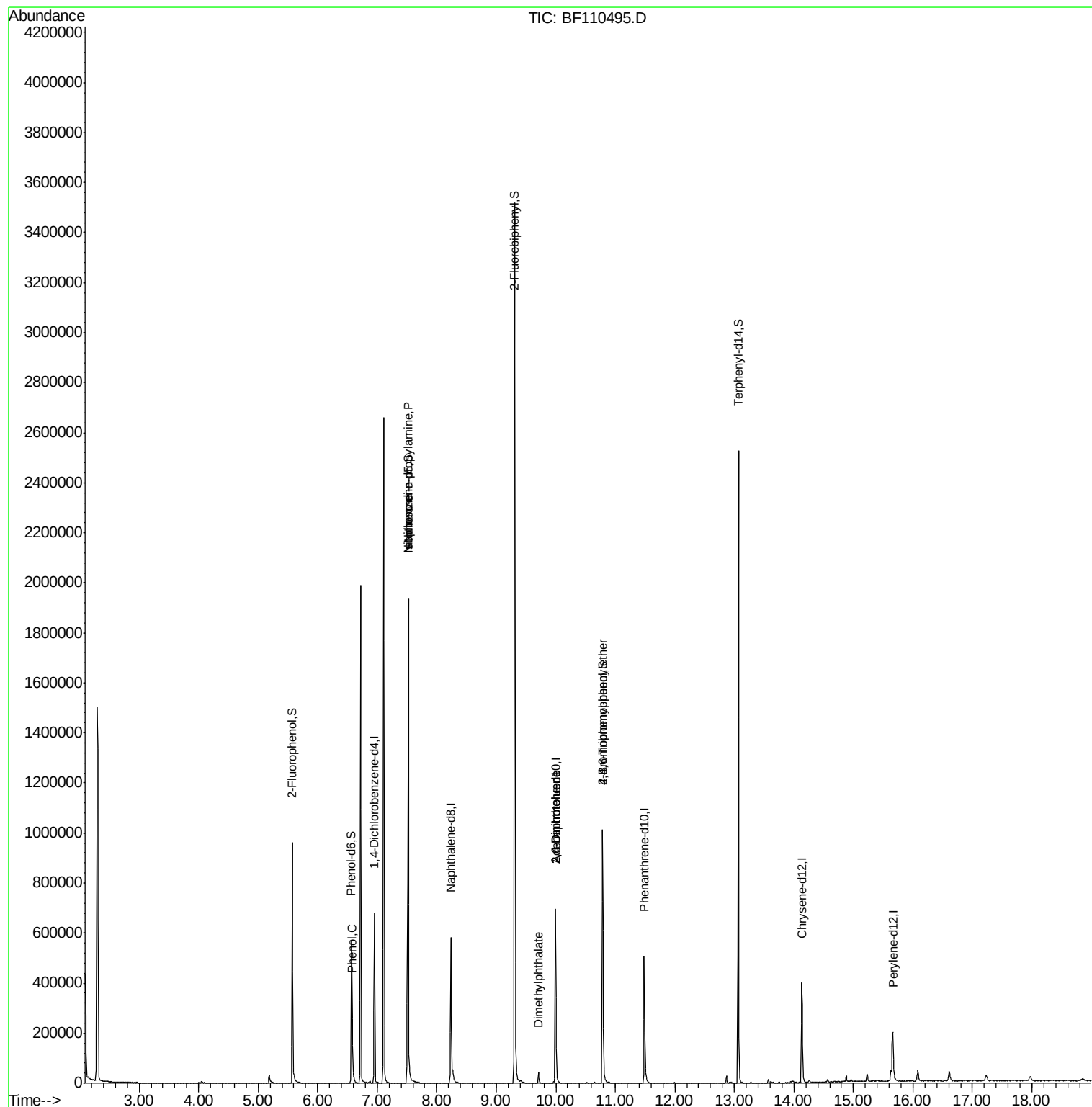
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	100270	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	389582	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	165436	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	251697	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171642	20.00	ng	0.00
87) Perylene-d12	15.66	264	133724	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	267302	43.41	ng	0.00
7) Phenol-d6	6.57	99	218004	27.68	ng	-0.01
23) Nitrobenzene-d5	7.52	82	695577	105.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	134025	81.78	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1224628	116.24	ng	0.00
79) Terphenyl-d14	13.07	244	828895	100.43	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	515	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	26720	3.174 ng	#	69
19) n-Nitroso-di-n-propylamine	7.52	70	89872	17.787 ng	#	82
25) Isophorone	7.52	82	695574	62.126 ng	#	67
50) Dimethylphthalate	9.71	163	24613	2.015 ng		100
51) 2,6-Dinitrotoluene	10.00	165	20454	7.776 ng	#	22
57) 2,4-Dinitrotoluene	10.00	165	20454	6.122 ng	#	19
67) 4-Bromophenyl-phenylether	10.79	248	8937	3.273 ng	#	1

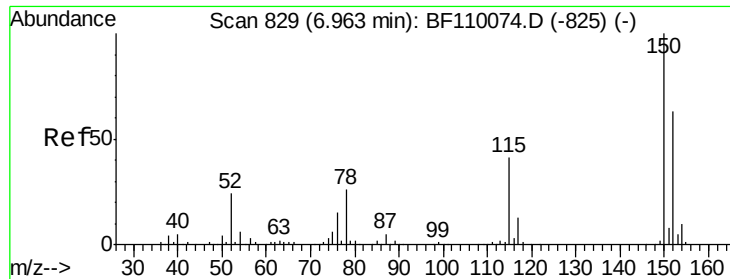
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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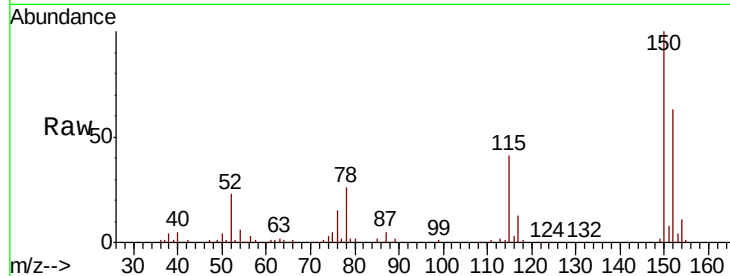


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110495.D
Acq: 6 Nov 2018 5:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	64.7	49.1	73.7

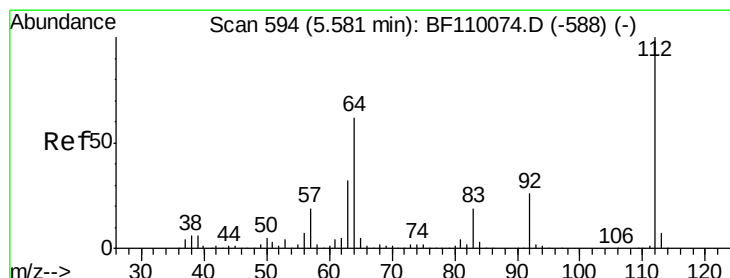
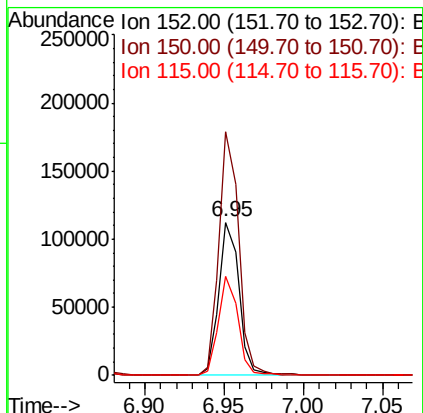
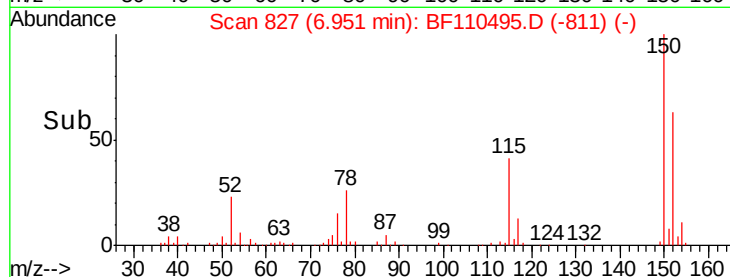


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

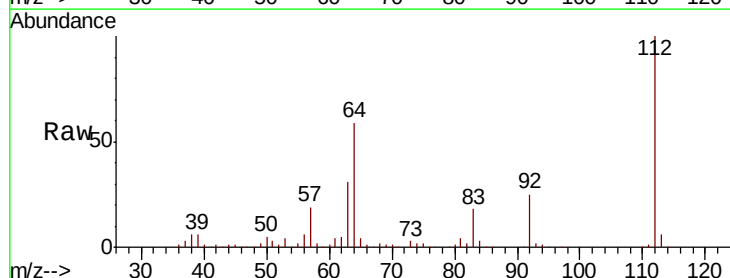
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.412 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110495.D
Acq: 6 Nov 2018 5:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	44.1	66.1
63	30.7	23.7	35.5

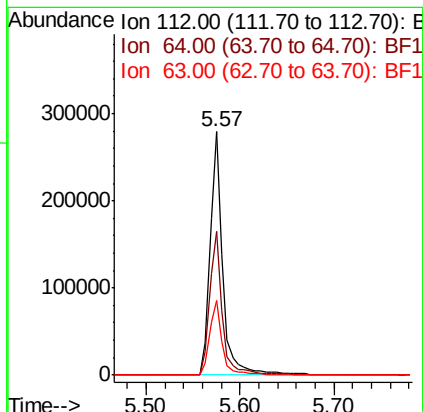
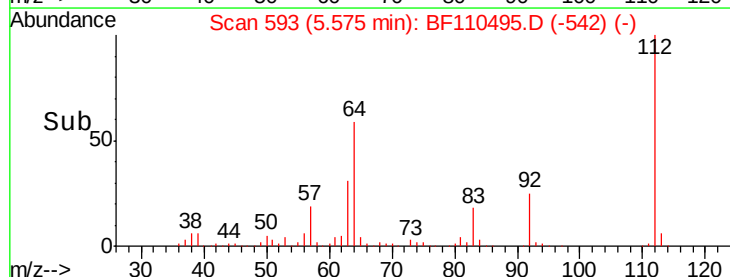


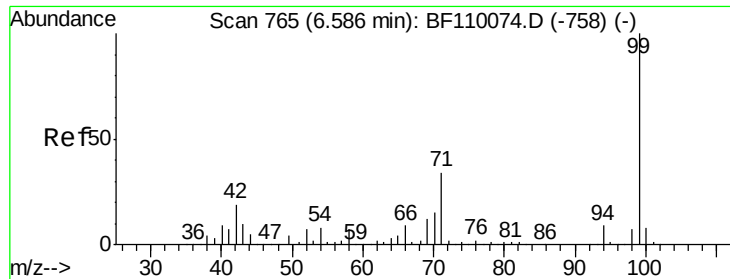
Abundance

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: 27.680 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Instrument :

BNA_F

ClientSampled :

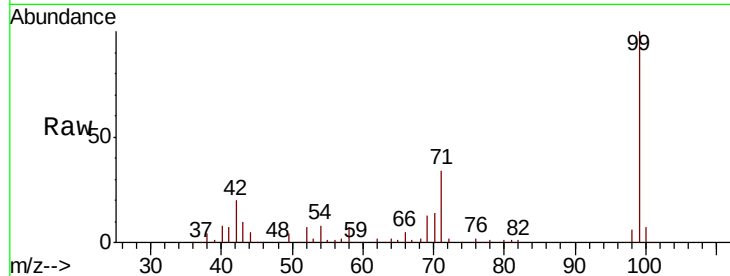
Tot Ion: 99 Resp: 218004

Ion Ratio Lower Upper

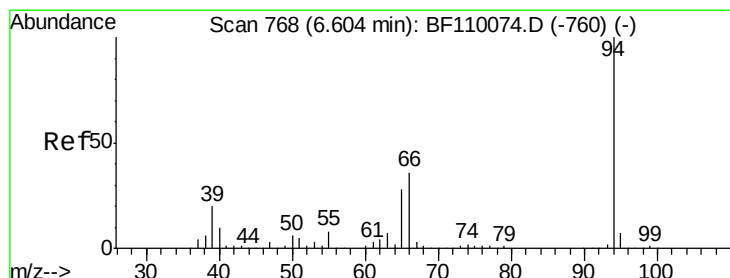
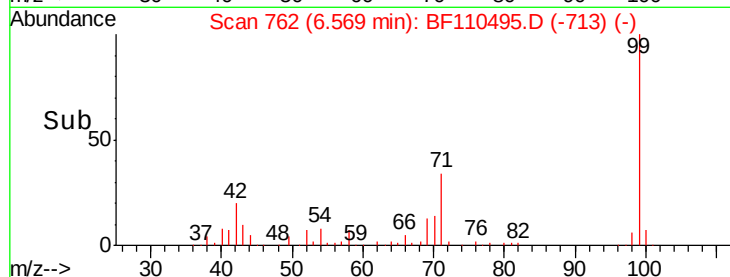
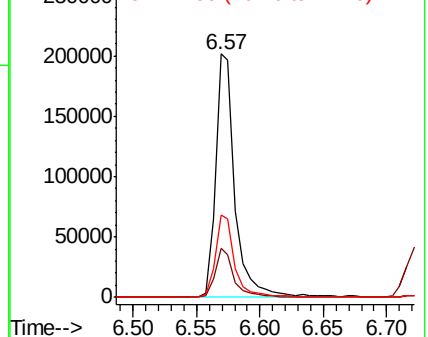
99 100

42 19.9 15.8 23.6

71 34.1 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: 3.174 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

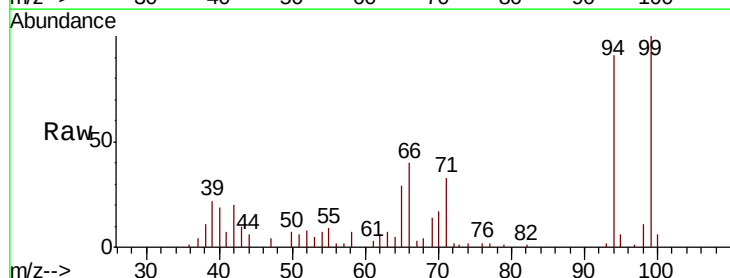
Tgt Ion: 94 Resp: 26720

Ion Ratio Lower Upper

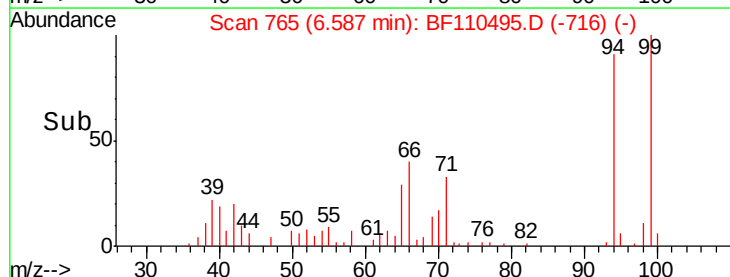
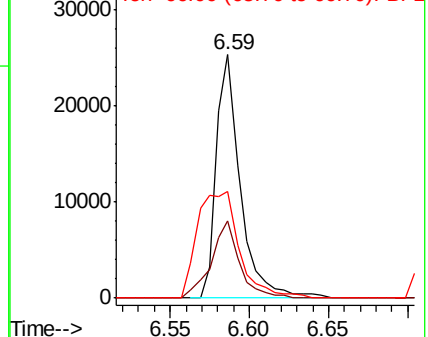
94 100

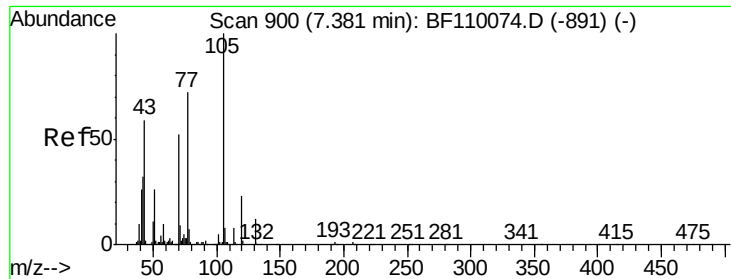
65 31.5 25.3 65.3

66 43.6 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: 17.787 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Instrument :

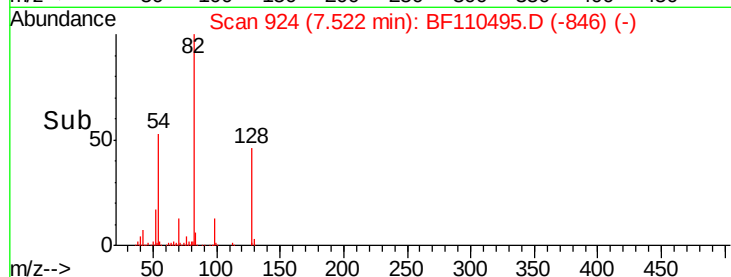
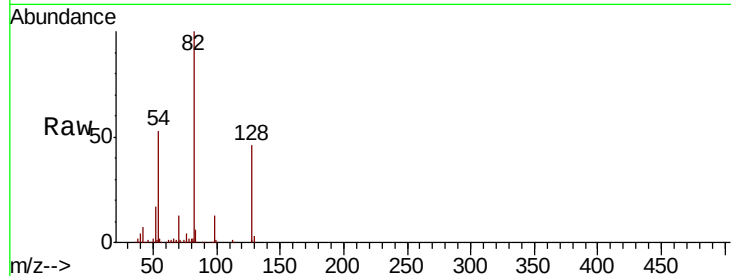
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 89872

Ion Ratio Lower Upper

70	100		
42	51.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

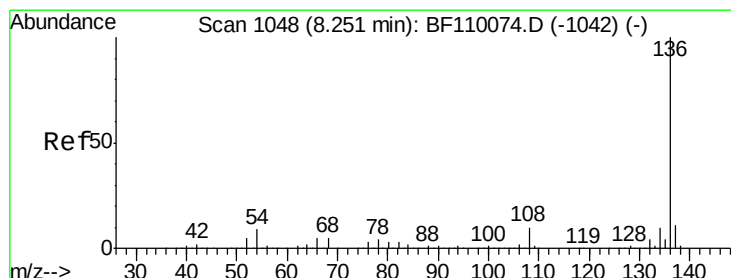
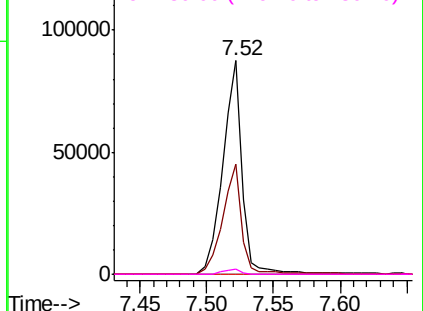


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

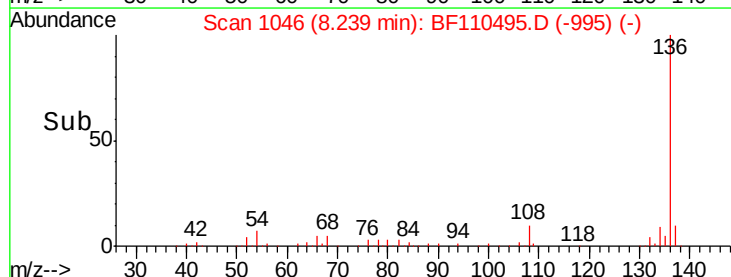
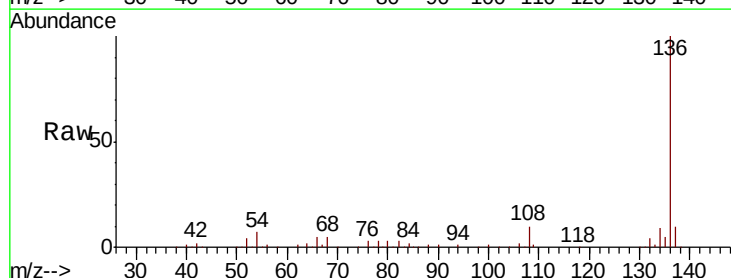
Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Tgt Ion: 136 Resp: 389582

Ion Ratio Lower Upper

136	100		
137	10.5	8.8	13.2
54	7.0	5.4	8.2
68	4.6	4.2	6.2

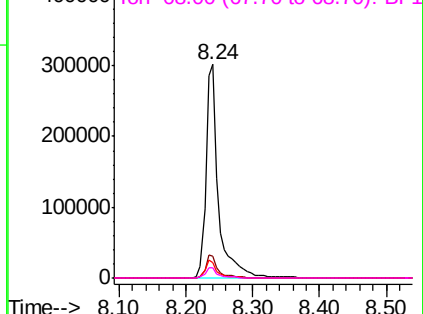


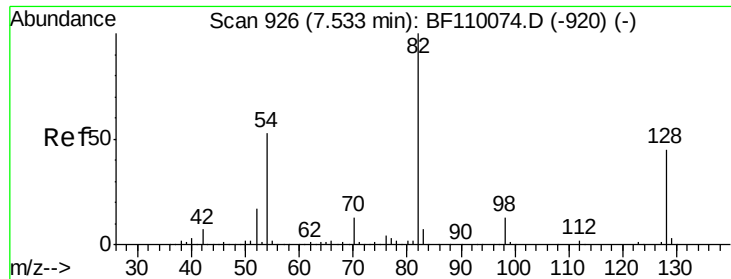
Abundance Ion 136.00 (135.70 to 136.70): E

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

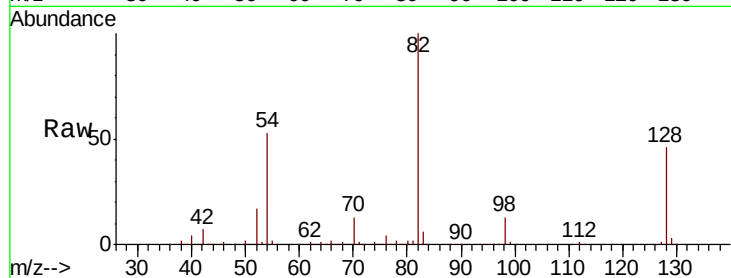




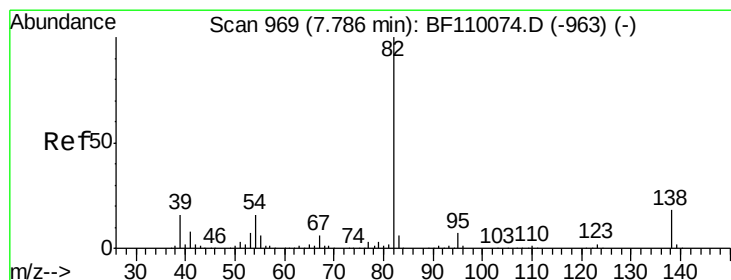
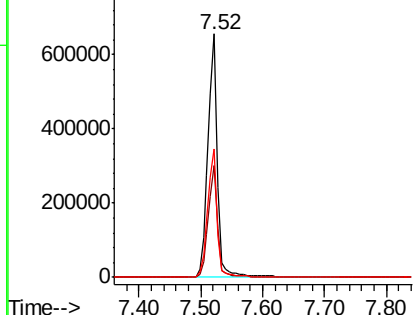
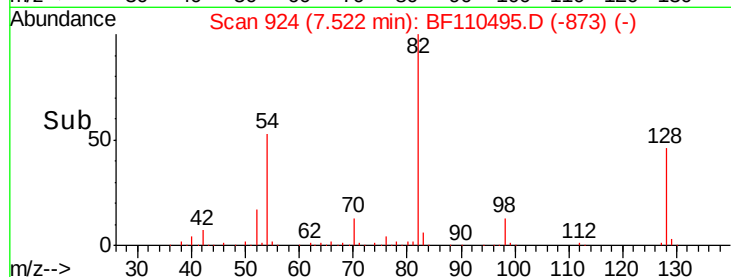
#23
 Nitrobenzene-d5
 Concen: 105.900 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	695577
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.2	51.2
54	52.9	38.6	58.0

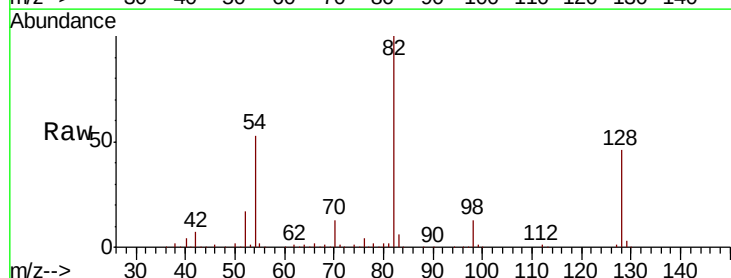


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

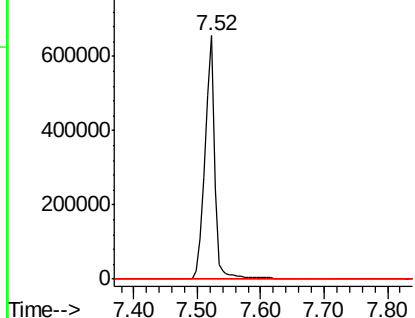
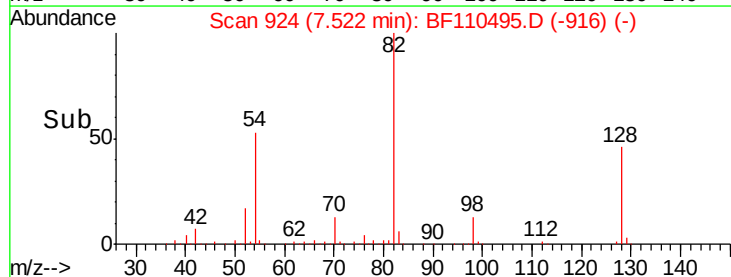


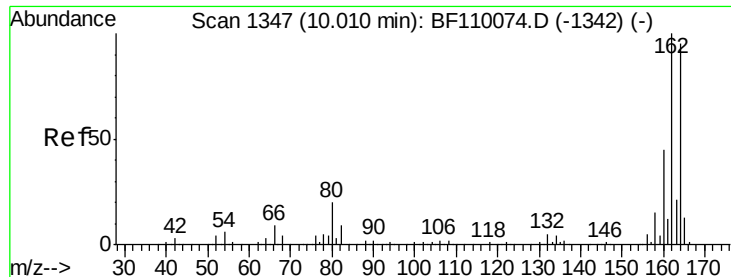
#25
 Isophorone
 Concen: 62.126 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Tgt Ion	82	Resp	695574
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. 0.00 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Instrument :

BNA_F

ClientSampleId :

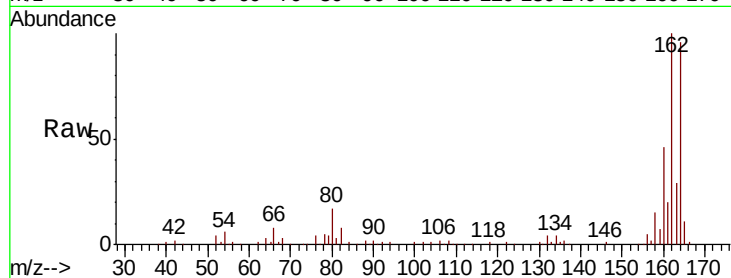
Tot Ion:164 Resp: 165436

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

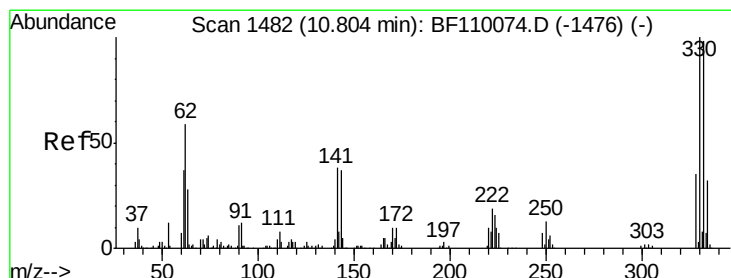
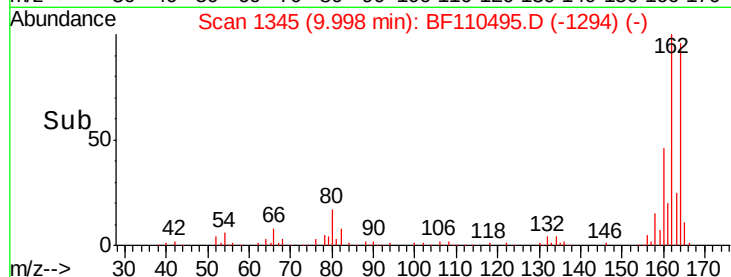
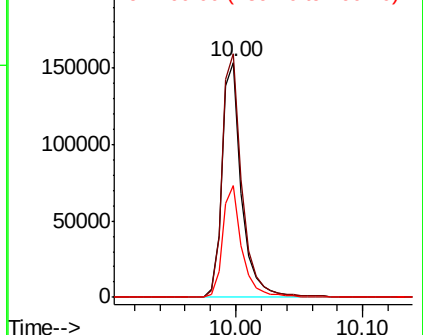
160 47.3 37.0 55.6



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: 81.785 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

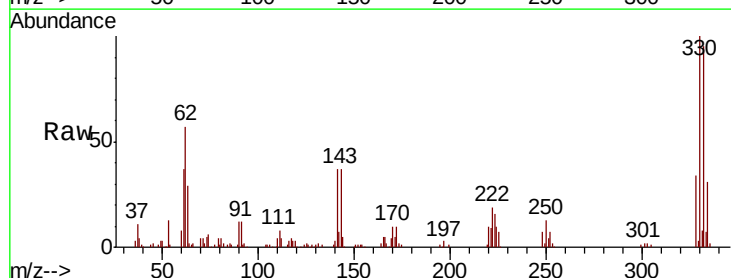
Tgt Ion:330 Resp: 134025

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

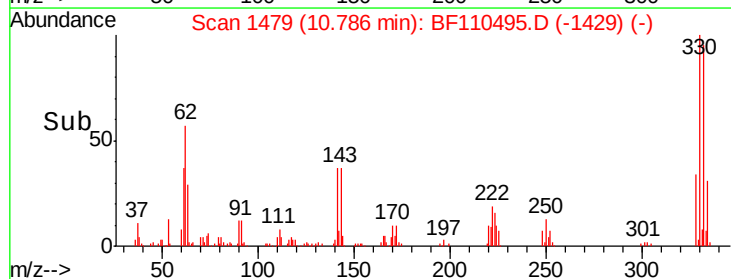
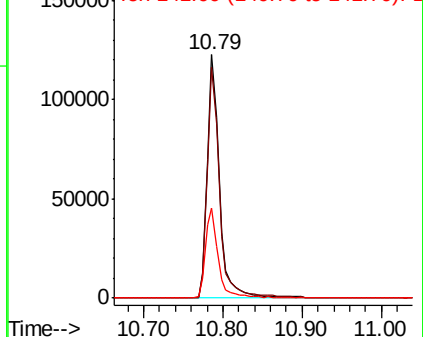
141 38.1 27.0 40.4

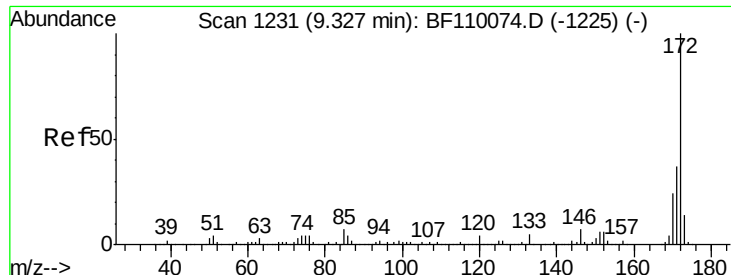


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



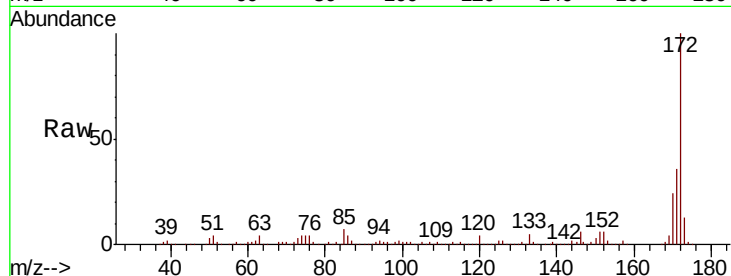


#45
 2-Fluorobiphenyl
 Concen: 116.237 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

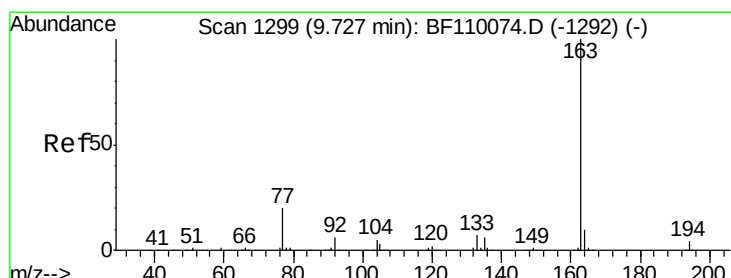
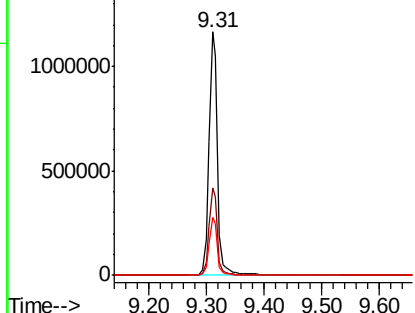
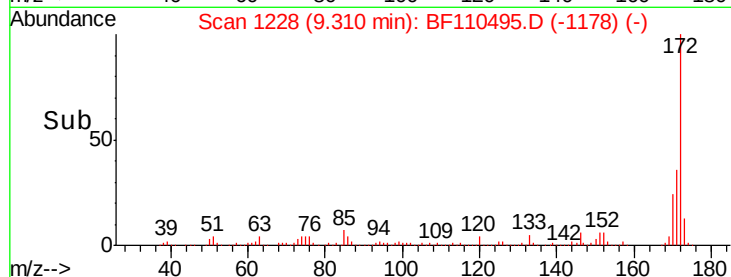
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1224628

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.7	29.5



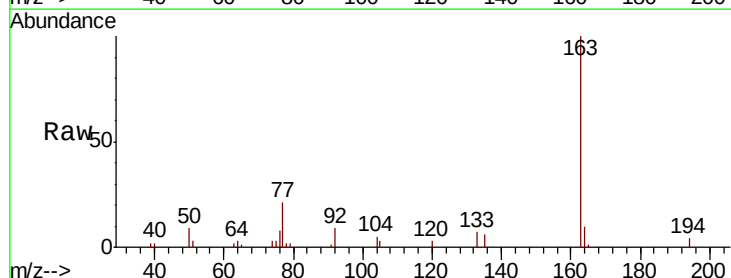
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



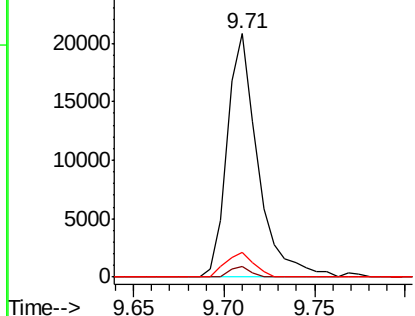
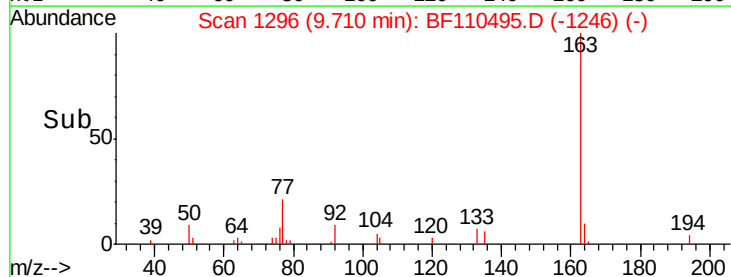
#50
 Dimethylphthalate
 Concen: 2.015 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

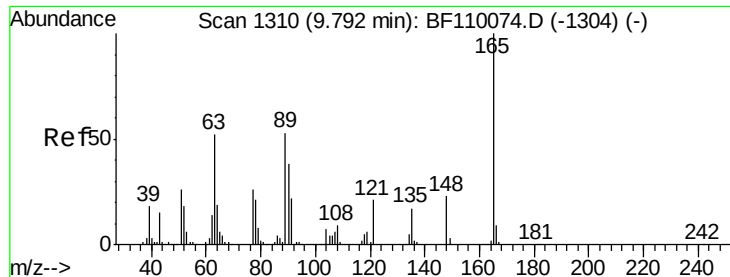
Tgt Ion:163 Resp: 24613

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.2	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: 7.776 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Instrument :

BNA_F

ClientSampleId :

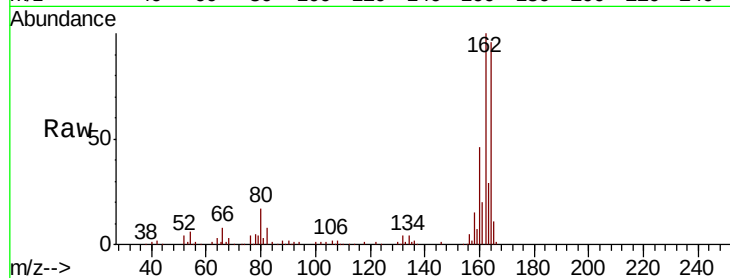
Tot Ion:165 Resp: 20454

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

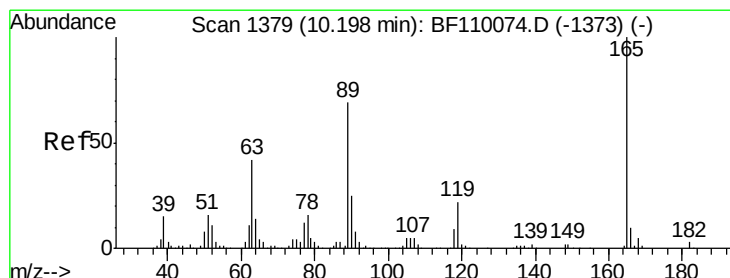
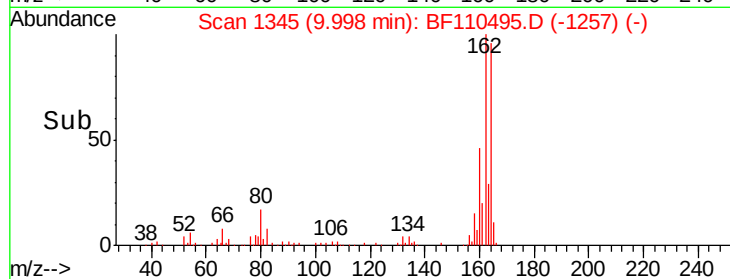
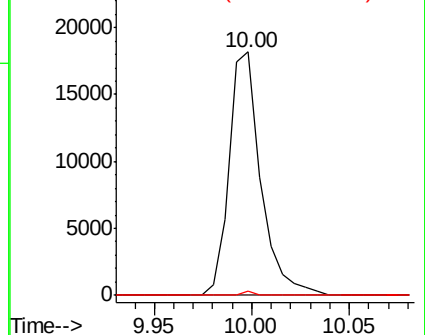
89 1.9 46.6 69.8#



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: 6.122 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110495.D

Acq: 6 Nov 2018 5:49

Tgt Ion:165 Resp: 20454

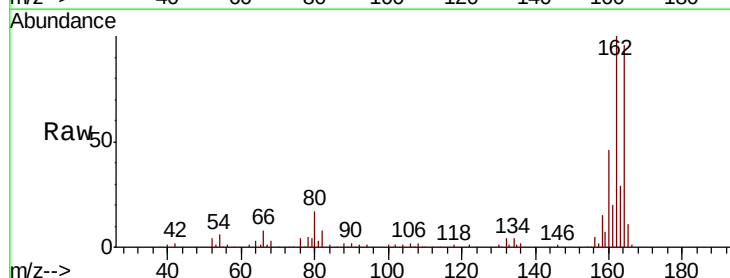
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.9 62.2 93.4#

182 0.0 2.1 3.1#

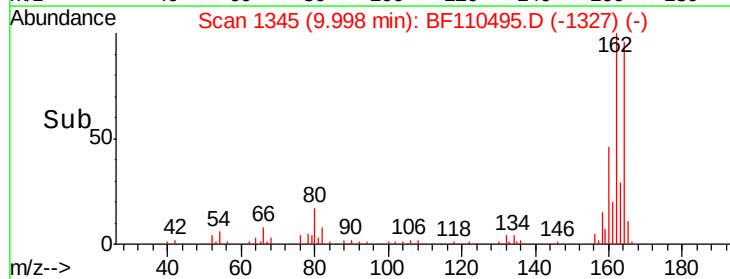
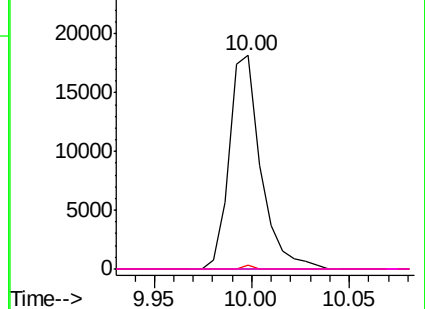


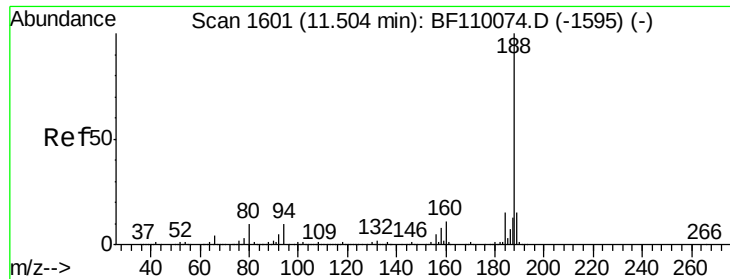
Abundance Ion 165.00 (164.70 to 165.70): E

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

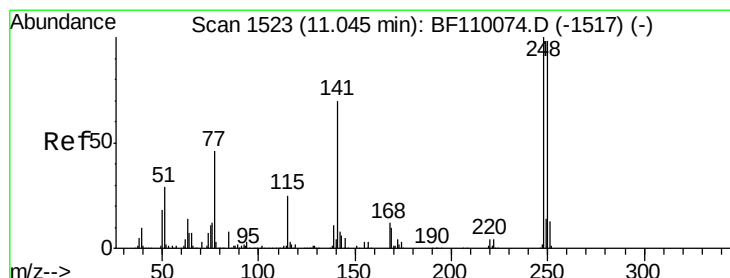
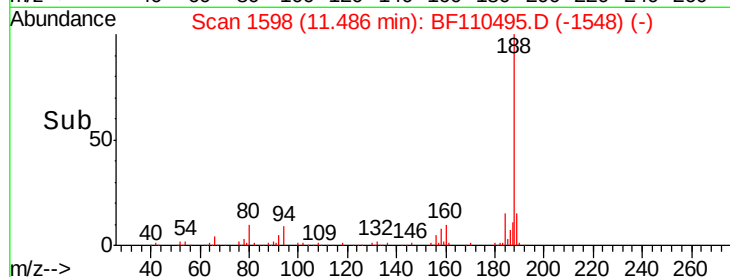
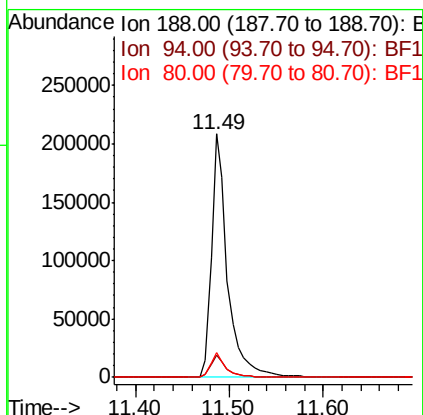
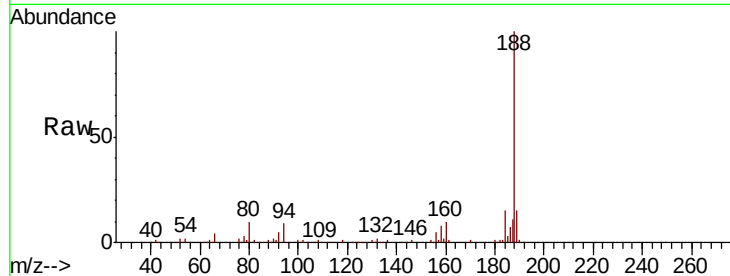




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

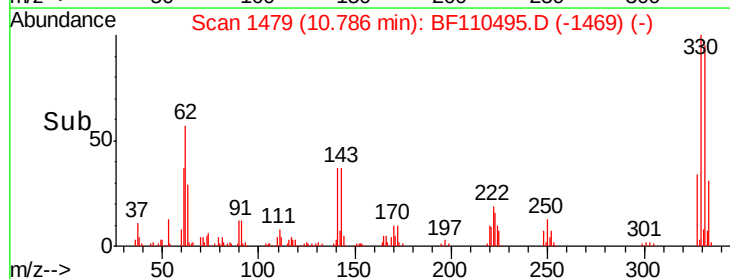
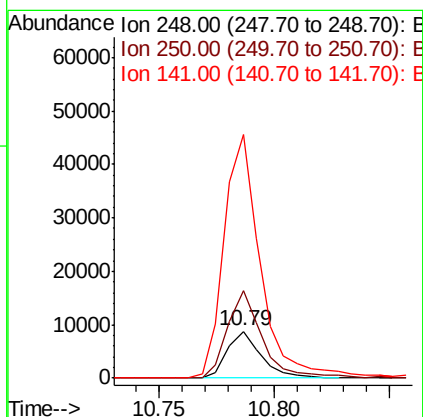
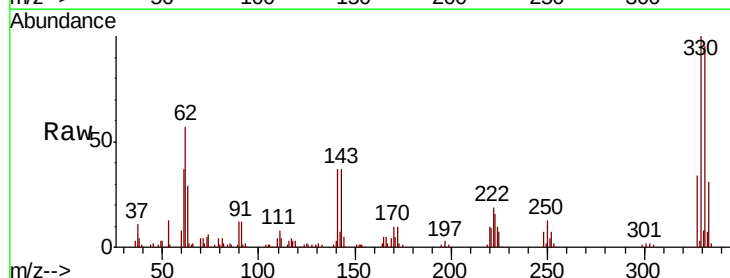
Instrument :
 BNA_F
 ClientSampleId :

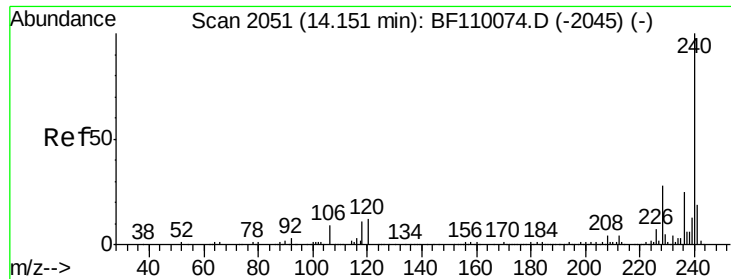
Tot Ion:188 Resp: 251697
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.1 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.273 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Tgt Ion:248 Resp: 8937
 Ion Ratio Lower Upper
 248 100
 250 188.2 79.4 119.2#
 141 523.7 55.9 83.9#

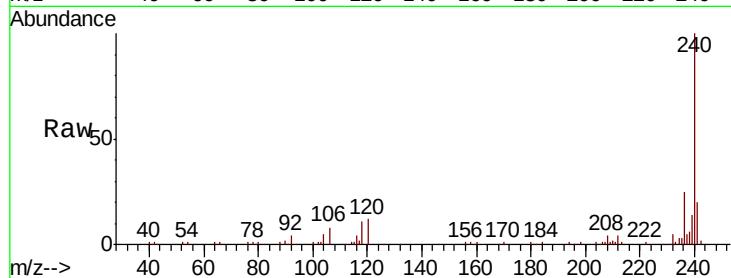




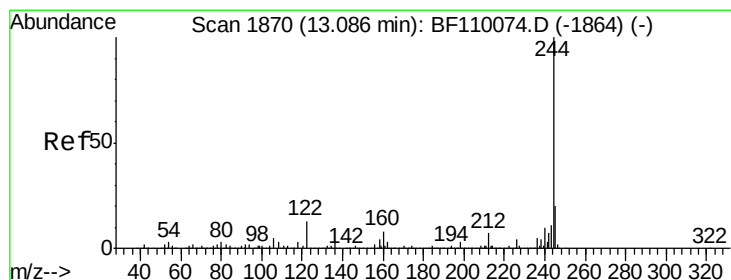
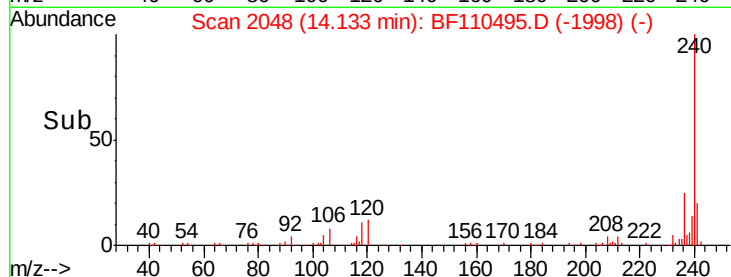
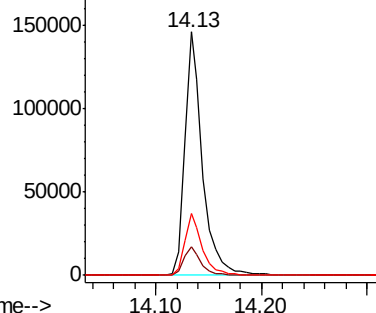
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 171642
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 25.4 21.2 31.8

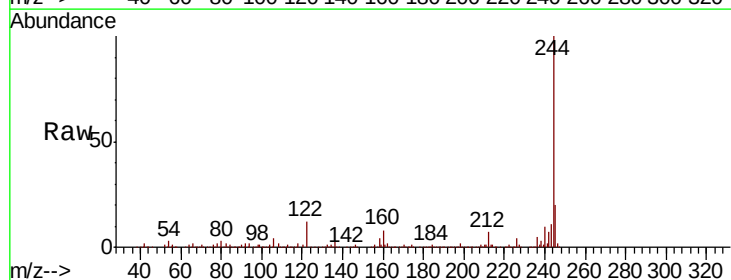


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

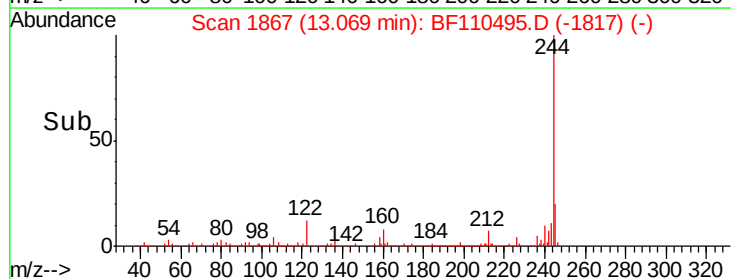
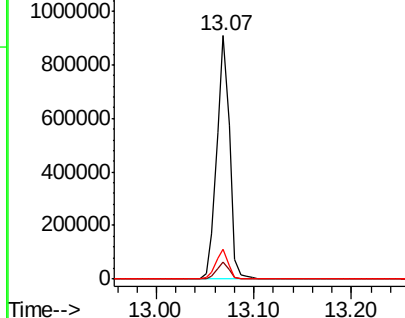


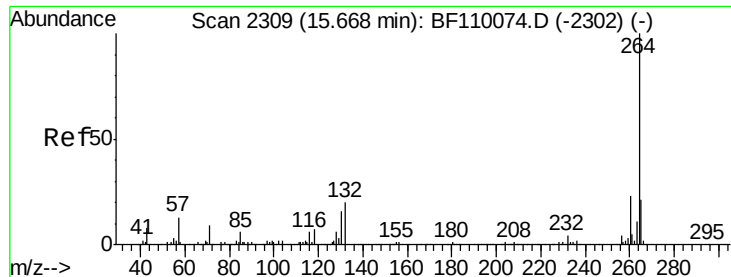
#79
 Terphenyl-d14
 Concen: 100.434 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Tgt Ion:244 Resp: 828895
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.4 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. 0.00 min
 Lab File: BF110495.D
 Acq: 6 Nov 2018 5:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.0	16.7	25.1

