

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110494.D
 Acq On : 6 Nov 2018 5:22
 Operator : JU/SJ
 Sample : J5810-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 09:39:22 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

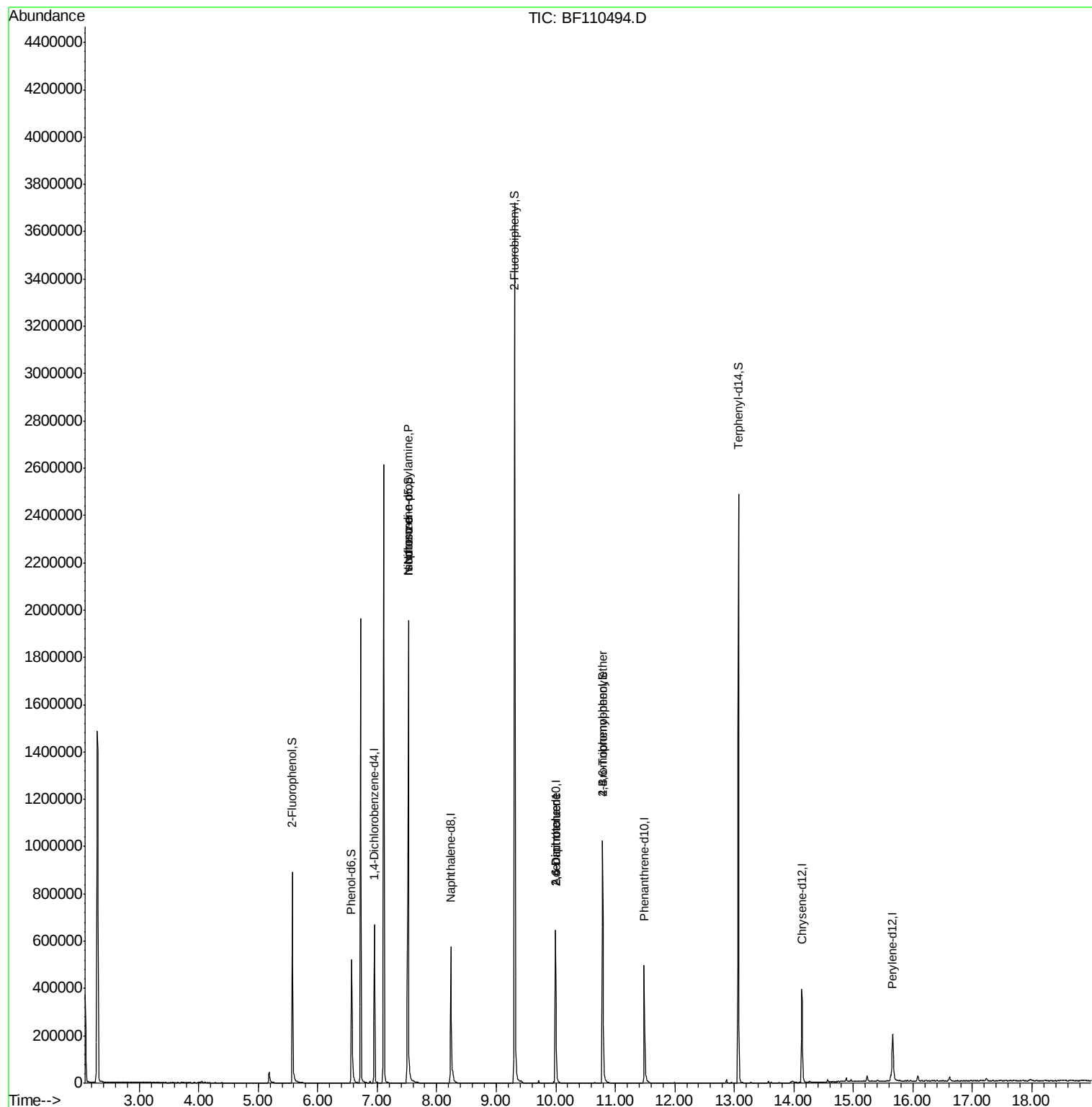
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	97680	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	376585	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	161603	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	246719	20.00	ng	0.00
76) Chrysene-d12	14.13	240	170528	20.00	ng	0.00
87) Perylene-d12	15.66	264	128935	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	260444	43.42	ng	0.00
7) Phenol-d6	6.57	99	205950	26.84	ng	0.00
23) Nitrobenzene-d5	7.52	82	703189	110.75	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	139120	86.91	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1253701	121.82	ng	0.00
79) Terphenyl-d14	13.07	244	860249	104.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	92697	18.833	ng	# 79
25) Isophorone	7.52	82	703184	64.973	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	20234	7.874	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	20235	6.200	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8644	3.230	ng	# 1

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

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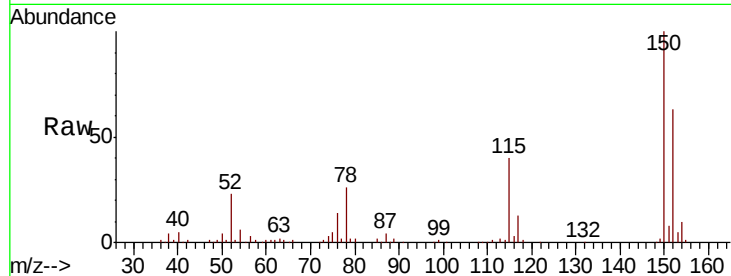


#1

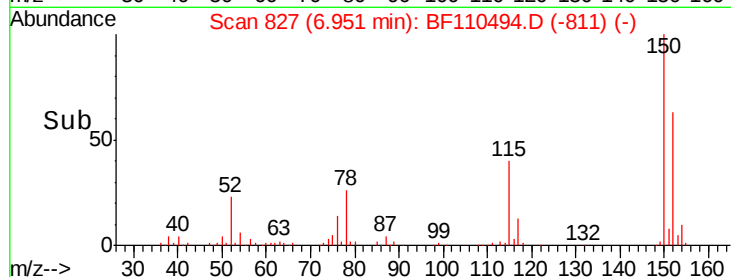
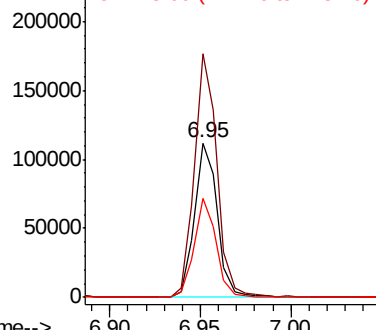
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97680
Ion Ratio Lower Upper
152 100
150 157.8 122.7 184.1
115 63.8 49.1 73.7



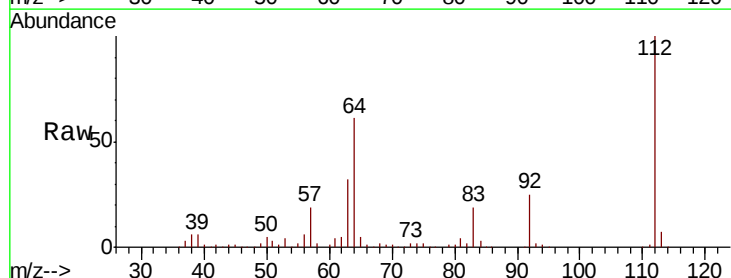
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



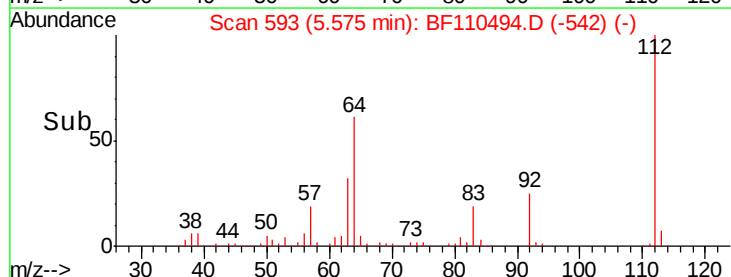
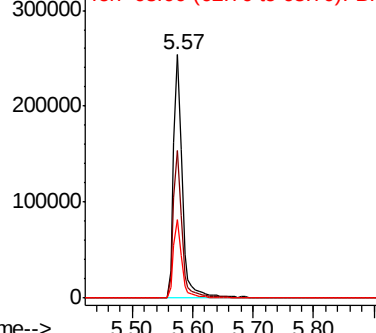
#5

2-Fluorophenol
Concen: 43.419 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Tgt Ion:112 Resp: 260444
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 32.4 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: 26.843 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Instrument :

BNA_F

ClientSampled :

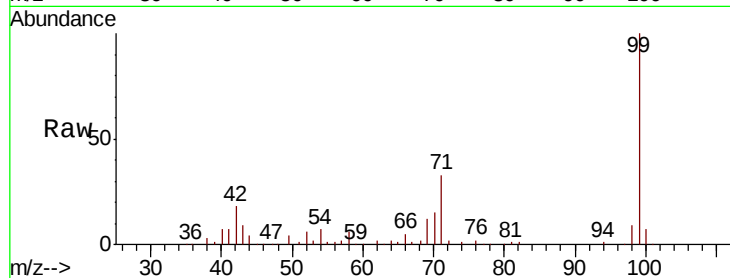
Tot Ion: 99 Resp: 205950

Ion Ratio Lower Upper

99 100

42 17.9 15.8 23.6

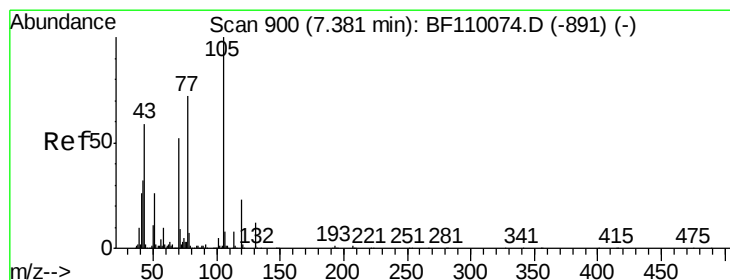
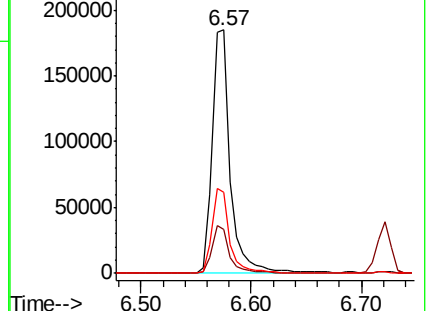
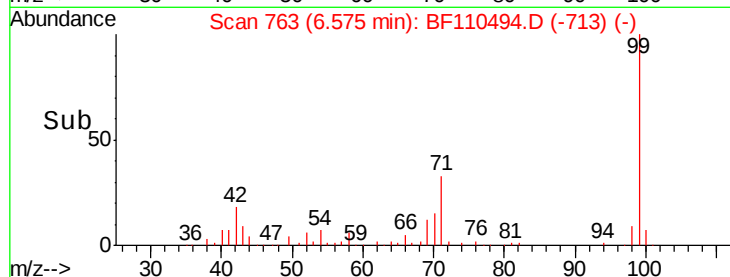
71 33.4 28.0 42.0



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: 18.833 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Tgt Ion: 70 Resp: 92697

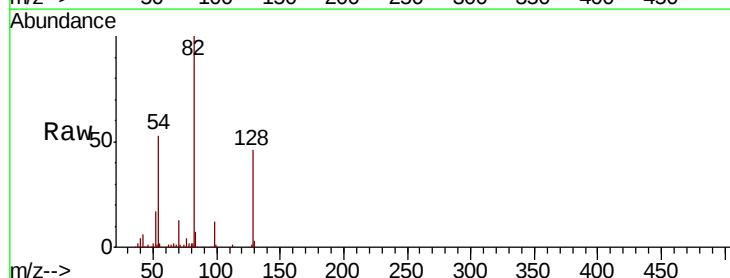
Ion Ratio Lower Upper

70 100

42 48.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

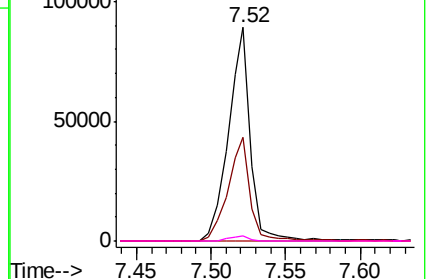
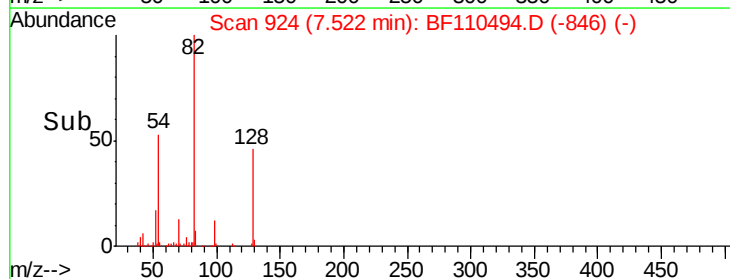


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

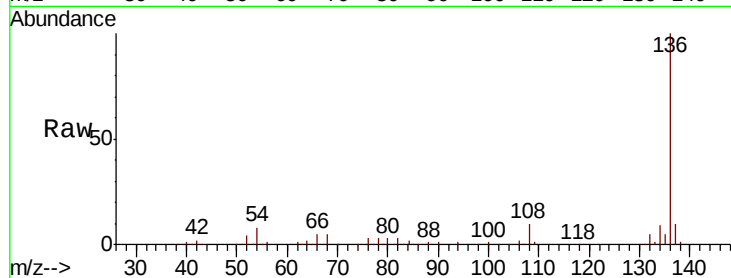




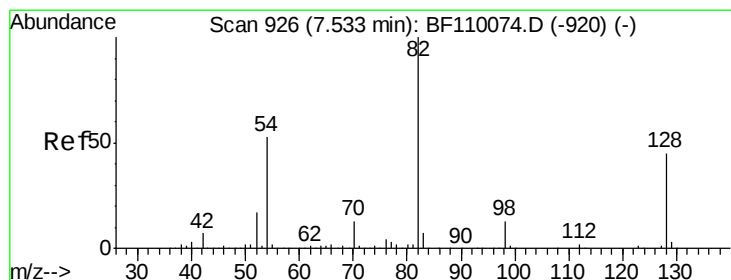
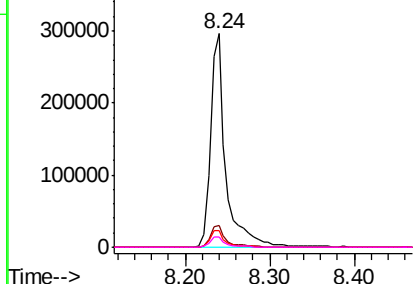
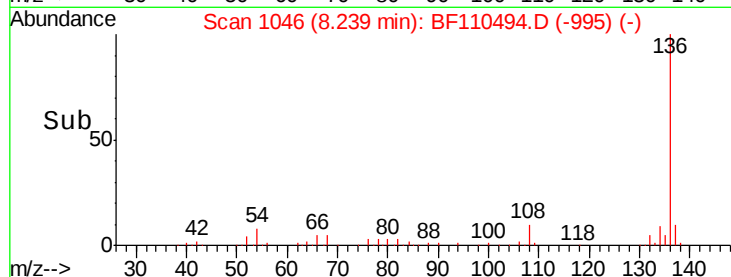
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	376585
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.8 13.2
54	7.6	5.4 8.2
68	4.9	4.2 6.2

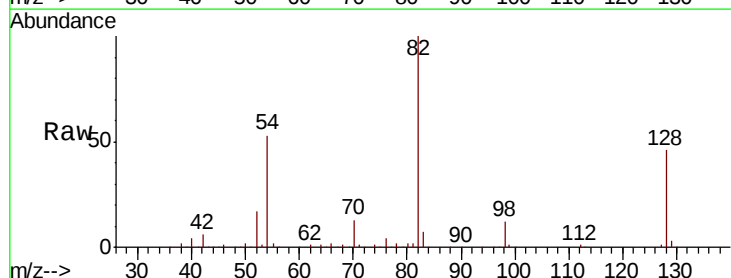


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

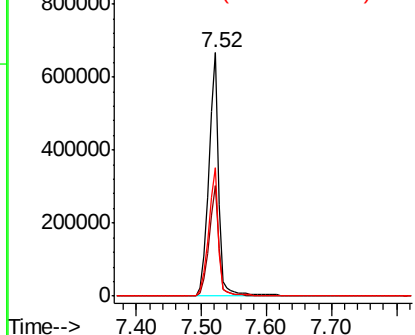
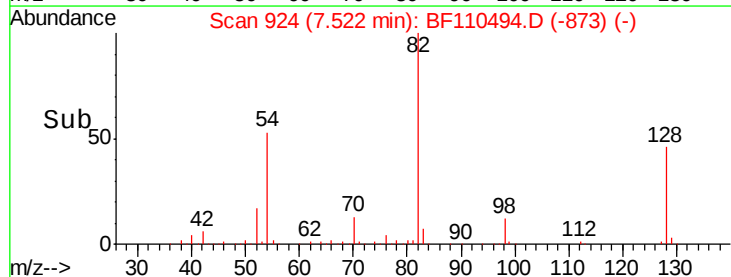


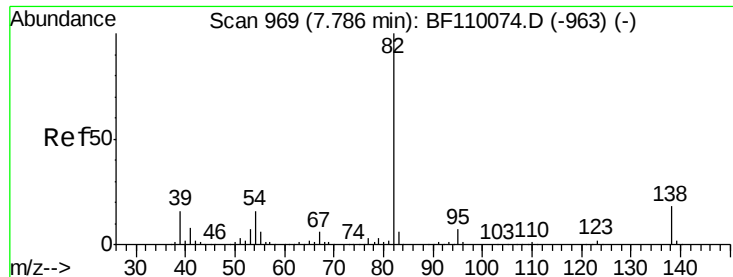
#23
Nitrobenzene-d5
Concen: 110.754 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Tgt Ion: 82	Resp:	703189
Ion Ratio	Lower	Upper
82	100	
128	45.6	34.2 51.2
54	52.8	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: 64.973 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.25 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Instrument :

BNA_F

ClientSampled :

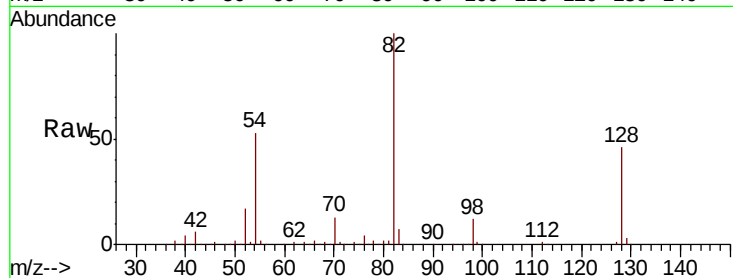
Tot Ion: 82 Resp: 703184

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

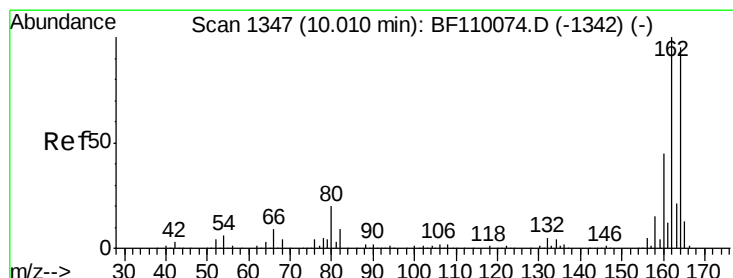
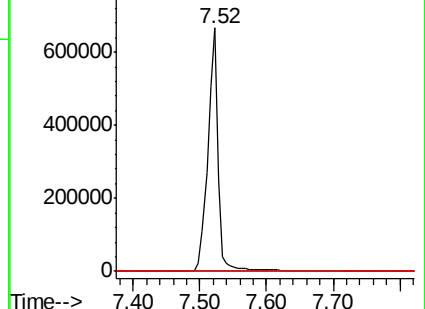
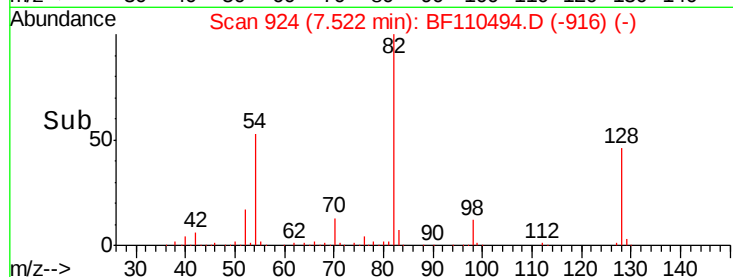
138 0.0 13.2 19.8#



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: BF110494.D

Acq: 6 Nov 2018 5:22

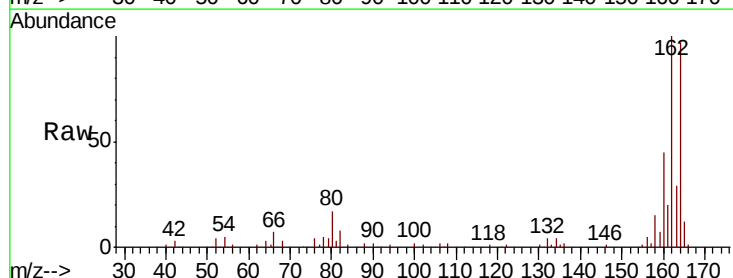
Tgt Ion:164 Resp: 161603

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

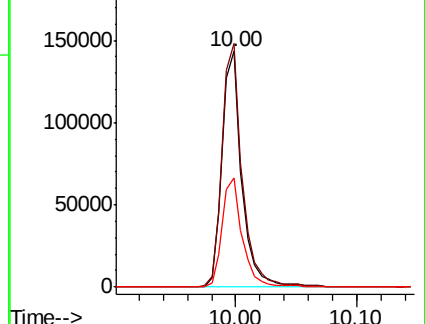
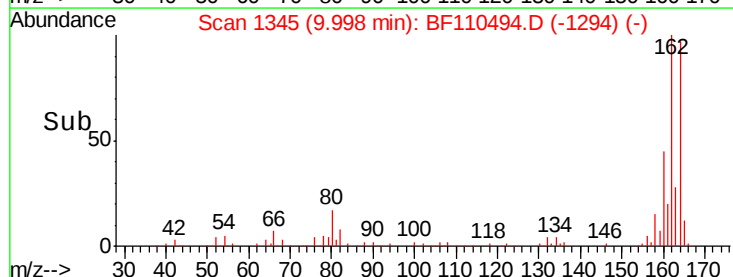
160 46.4 37.0 55.6

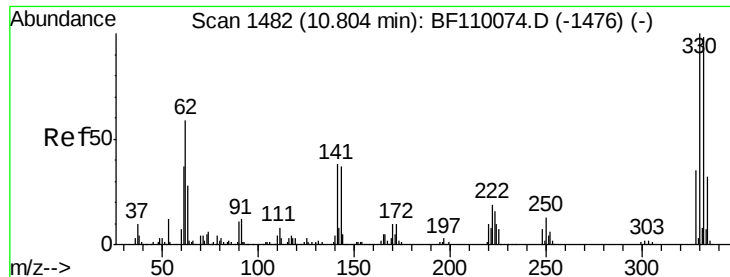


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 86.907 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

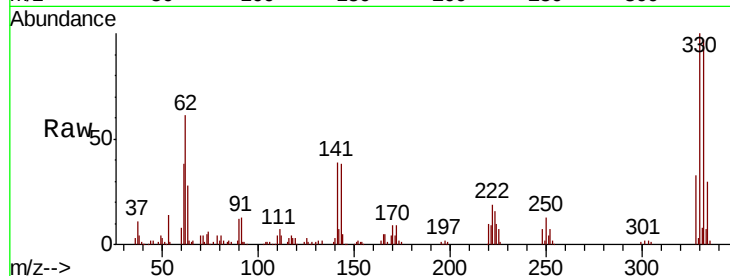
Tot Ion:330 Resp: 139120

Ion Ratio Lower Upper

330 100

332 94.3 77.1 115.7

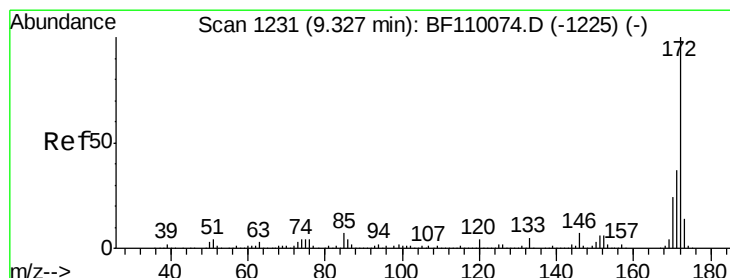
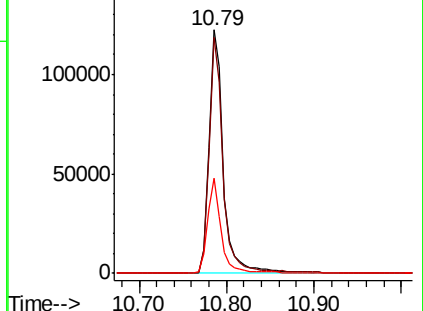
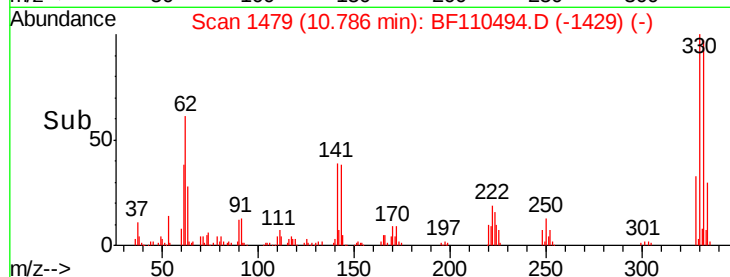
141 37.0 27.0 40.4



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: 121.819 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

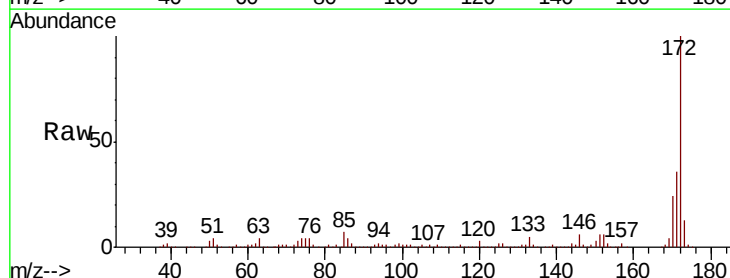
Tgt Ion:172 Resp: 1253701

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

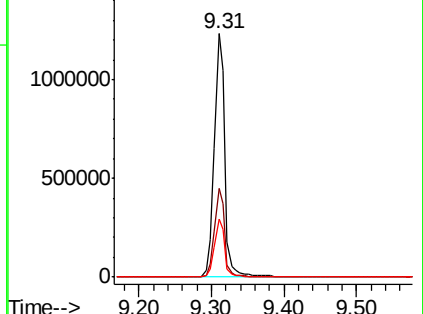
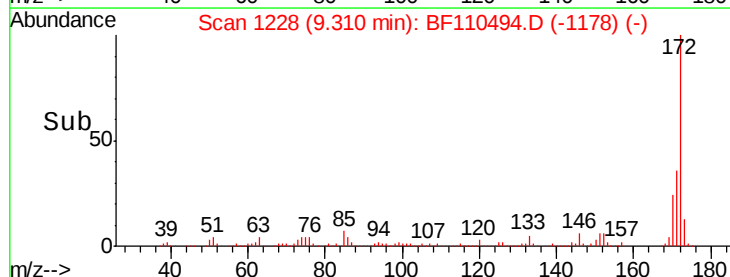
170 23.9 19.7 29.5



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: 7.874 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

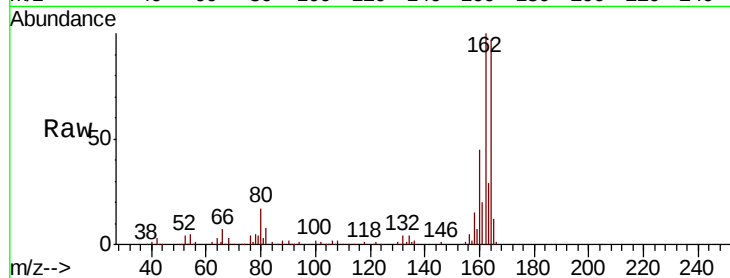
Tot Ion:165 Resp: 20234

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

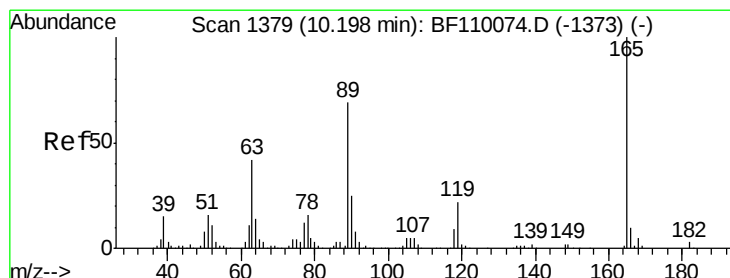
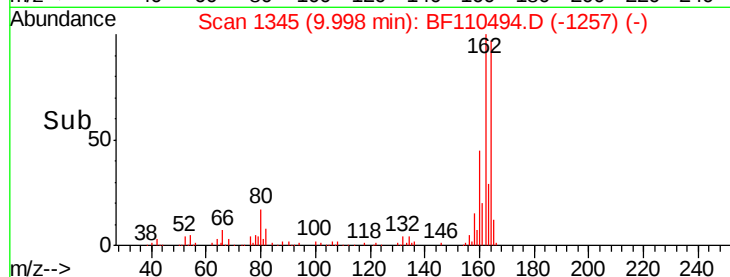
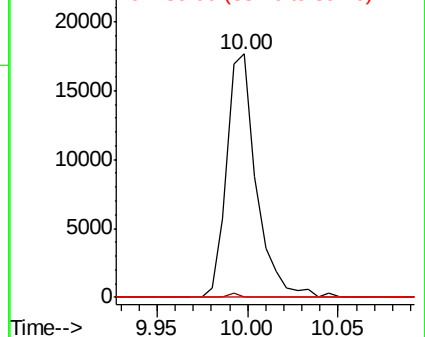
89 0.0 46.6 69.8#



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: 6.200 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110494.D

Acq: 6 Nov 2018 5:22

Tgt Ion:165 Resp: 20235

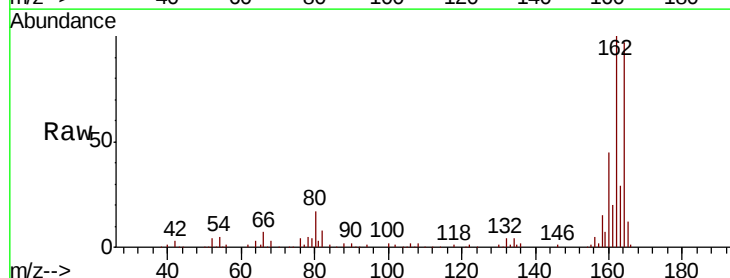
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

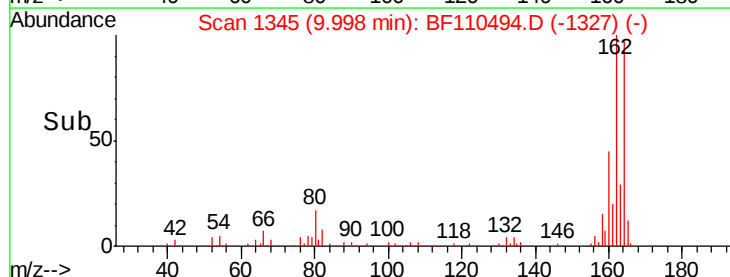
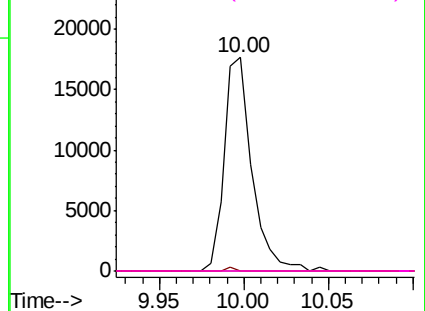


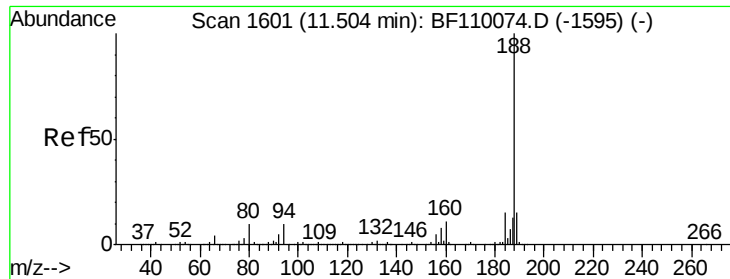
Abundance Ion 165.00 (164.70 to 165.70): E

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

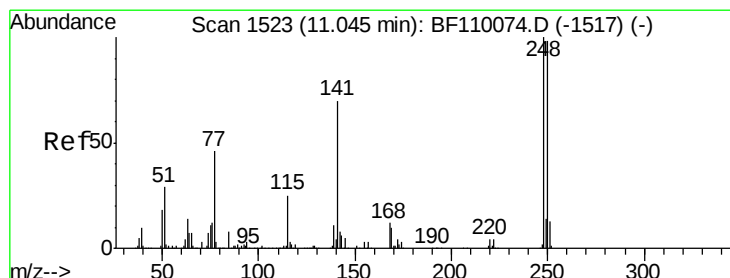
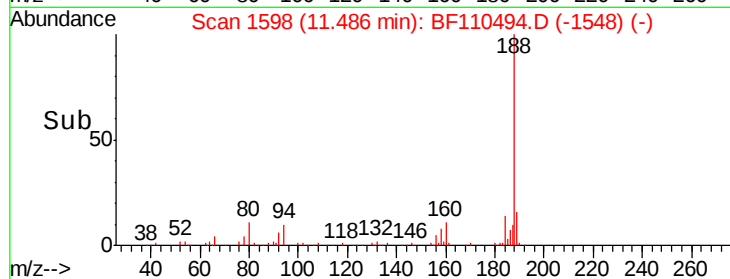
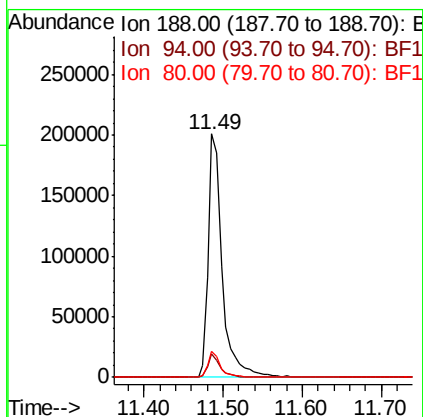
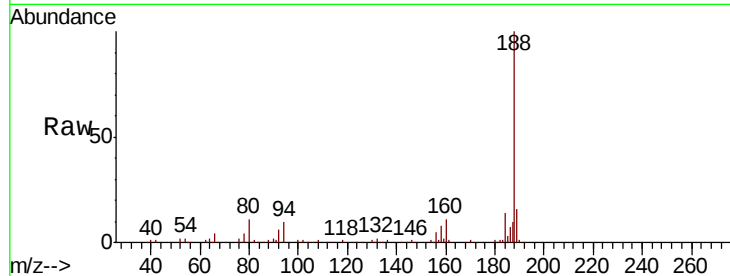




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

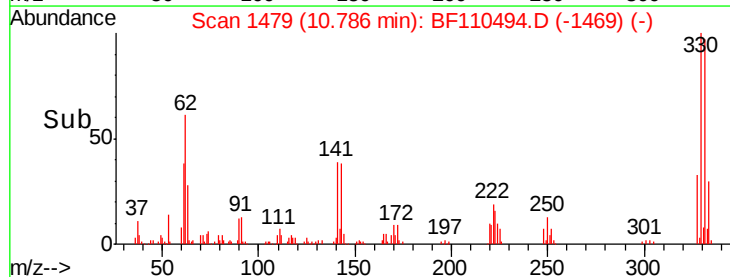
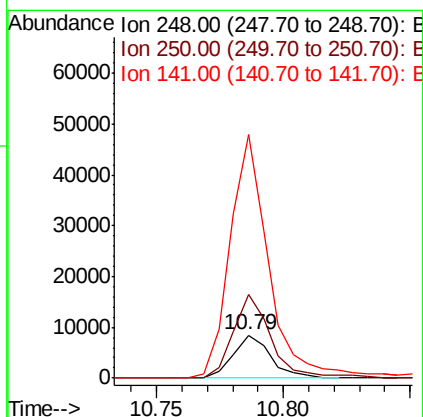
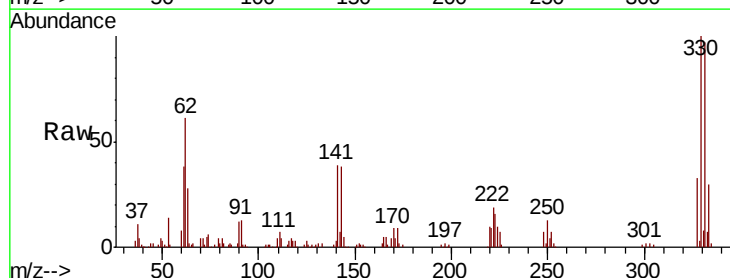
Instrument :
BNA_F
ClientSampled :

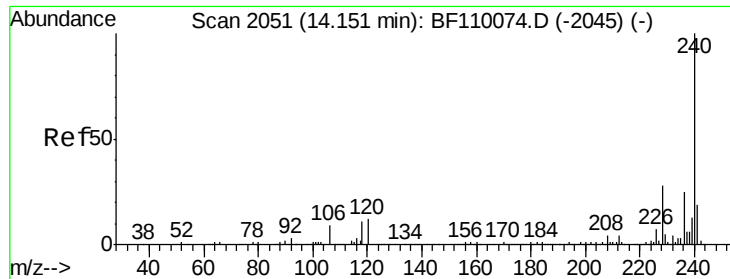
Tot Ion:188 Resp: 246719
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.230 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Tgt Ion:248 Resp: 8644
Ion Ratio Lower Upper
248 100
250 194.7 79.4 119.2#
141 565.1 55.9 83.9#

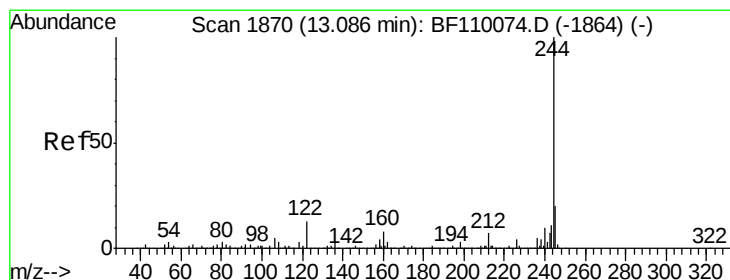
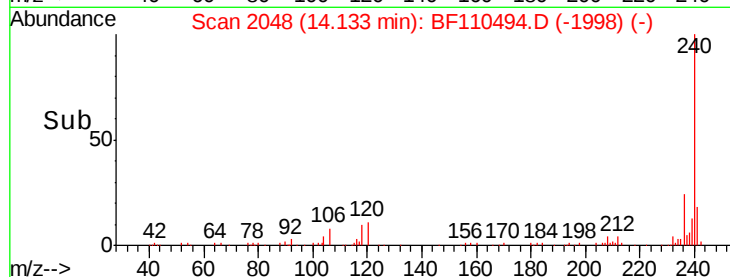
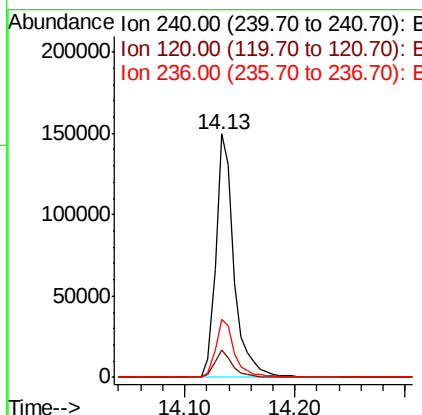
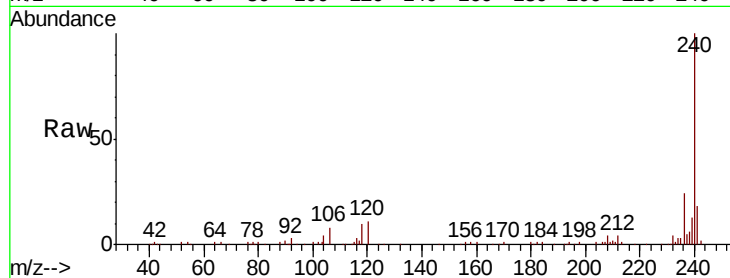




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110494.D
 Acq: 6 Nov 2018 5:22

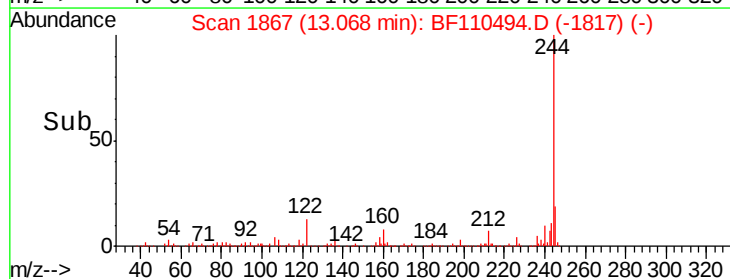
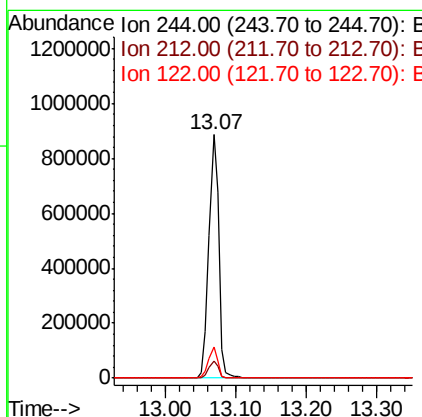
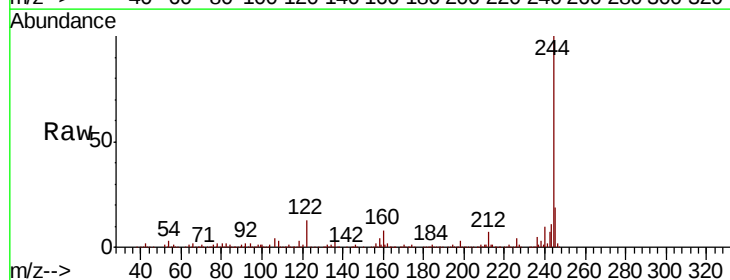
Instrument :
 BNA_F
 ClientSampleId :

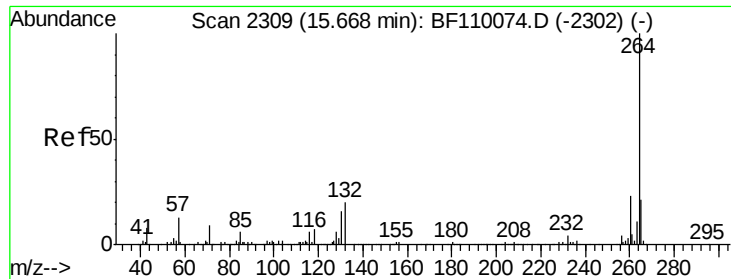
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	23.9	21.2	31.8



#79
 Terphenyl-d14
 Concen: 104.914 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110494.D
 Acq: 6 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.9	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110494.D
Acq: 6 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	16.7	25.1

