

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110402.D
 Acq On : 2 Nov 2018 10:47
 Operator : JU/SJ
 Sample : J5755-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:54:14 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	84487	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	338046	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	159015	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	286084	20.00	ng	0.00
76) Chrysene-d12	14.13	240	167380	20.00	ng	0.00
87) Perylene-d12	15.66	264	172078	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	496384	95.68	ng	0.00
7) Phenol-d6	6.58	99	629214	94.82	ng	0.00
23) Nitrobenzene-d5	7.52	82	391623	68.71	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	139667	88.67	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	727571	71.85	ng	0.00
79) Terphenyl-d14	13.07	244	584676	72.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1357	Below Cal		# 1
10) Phenol	6.59	94	35653	5.026	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	52891	12.424	ng	# 80
25) Isophorone	7.52	82	391617	40.310	ng	# 67
50) Dimethylphthalate	9.70	163	100832	8.590	ng	# 98
57) 2,4-Dinitrotoluene	9.99	165	20521	6.390	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	8827	2.844	ng	# 1
74) Di-n-butylphthalate	12.03	149	36435	2.202	ng	# 98
84) Bis(2-ethylhexyl)phthalate	13.99	149	60200	8.550	ng	# 55

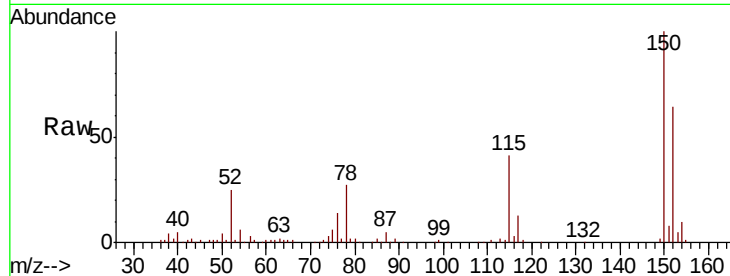
(#) = qualifier out of range (m) = manual integration (+) = signals summed



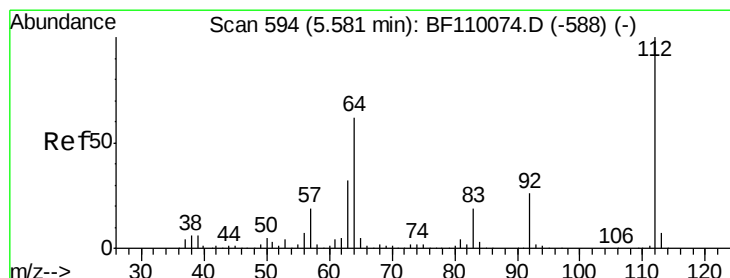
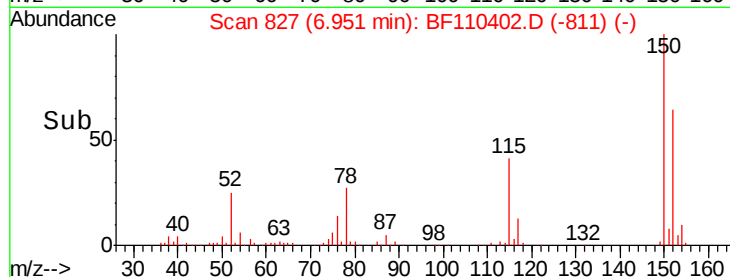
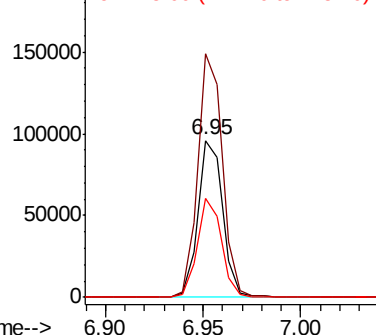
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84487
 Ion Ratio Lower Upper
 152 100
 150 155.1 122.7 184.1
 115 63.2 49.1 73.7

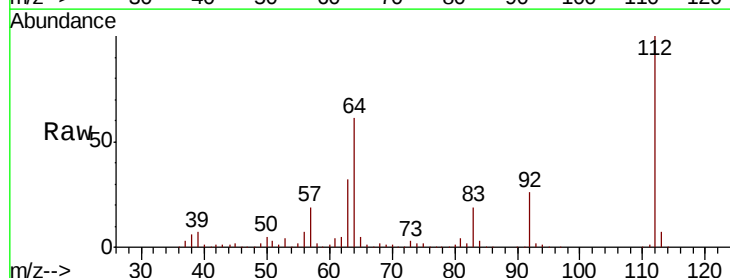


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

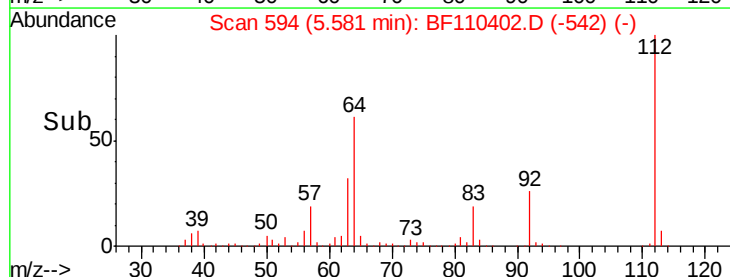
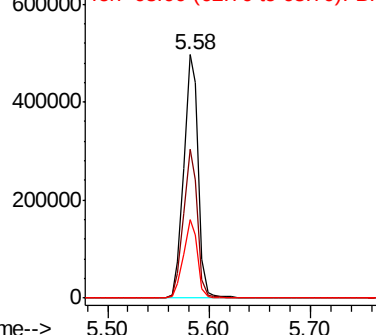


#5
 2-Fluorophenol
 Concen: 95.676 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion:112 Resp: 496384
 Ion Ratio Lower Upper
 112 100
 64 61.3 44.1 66.1
 63 32.2 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: 94.817 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

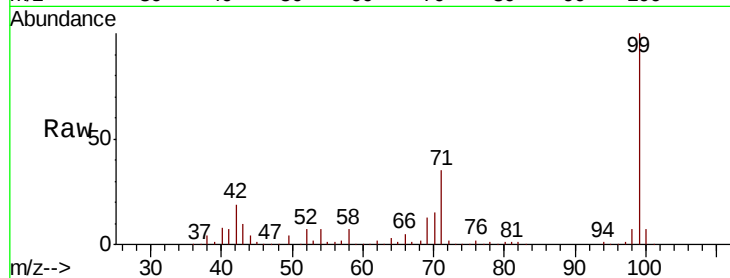
Tot Ion: 99 Resp: 629214

Ion Ratio Lower Upper

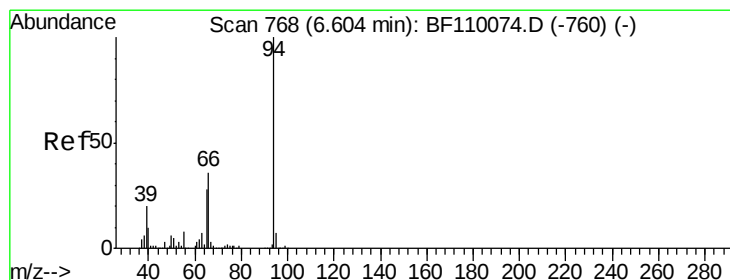
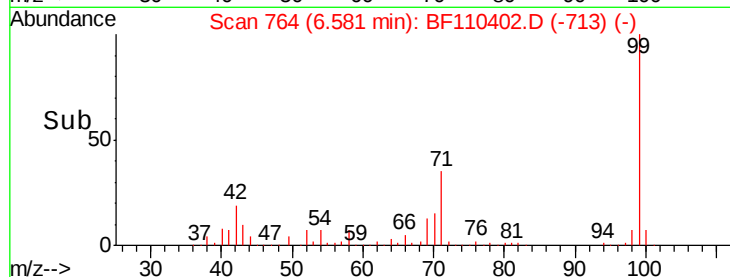
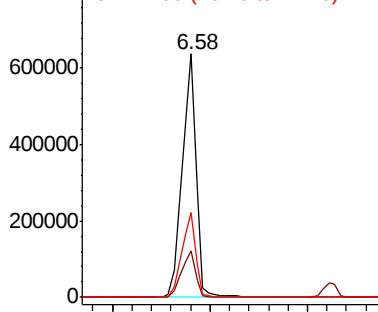
99 100

42 19.0 15.8 23.6

71 34.7 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: 5.026 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

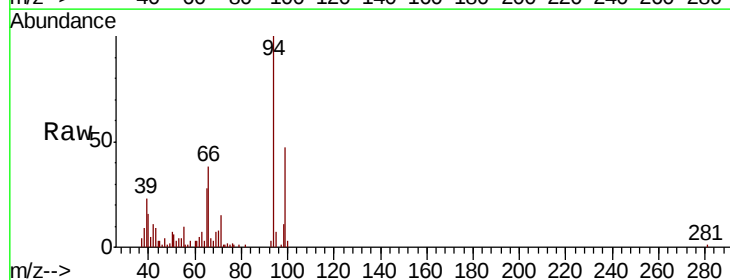
Tgt Ion: 94 Resp: 35653

Ion Ratio Lower Upper

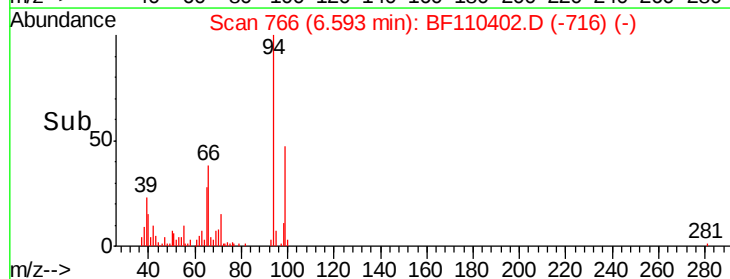
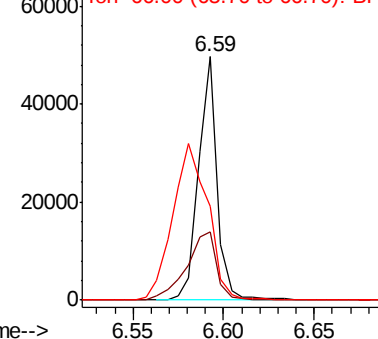
94 100

65 28.2 25.3 65.3

66 38.4 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

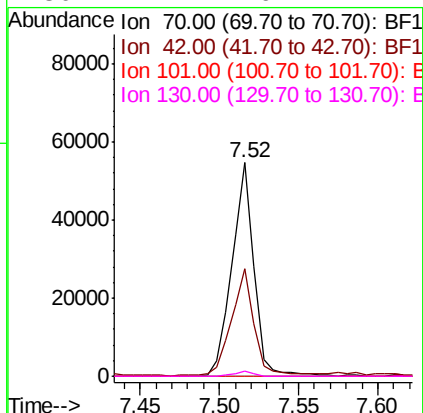
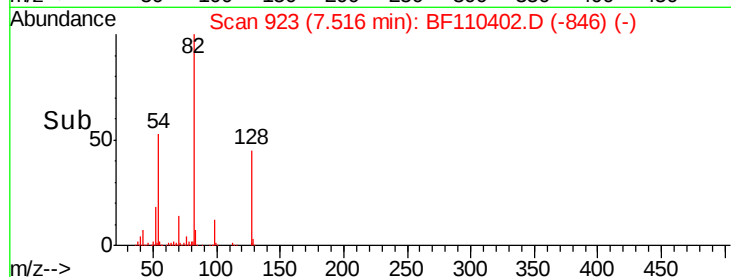
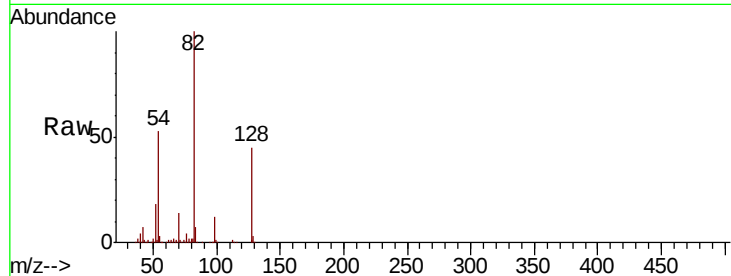




#19
n-Nitroso-di-n-propylamine
Concen: 12.424 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

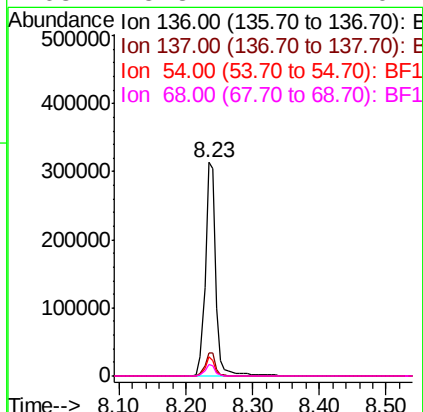
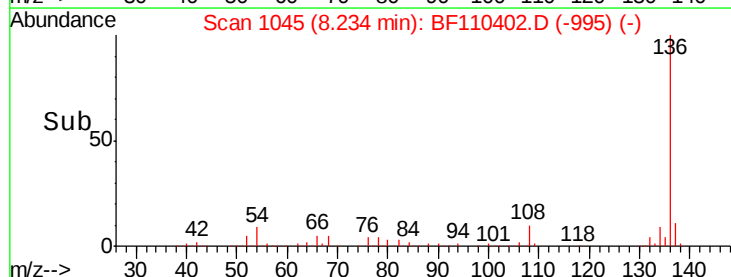
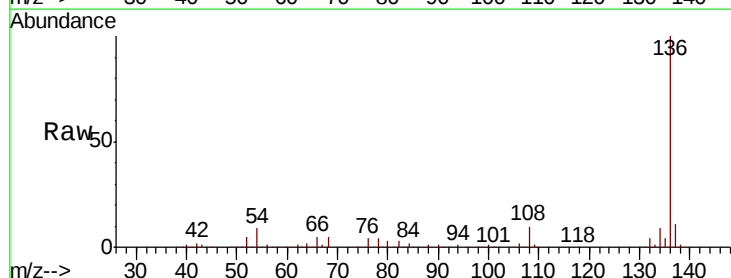
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 52891
Ion Ratio Lower Upper
70 100
42 50.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Tgt Ion: 136 Resp: 338046
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 5.4 8.2#
68 5.3 4.2 6.2

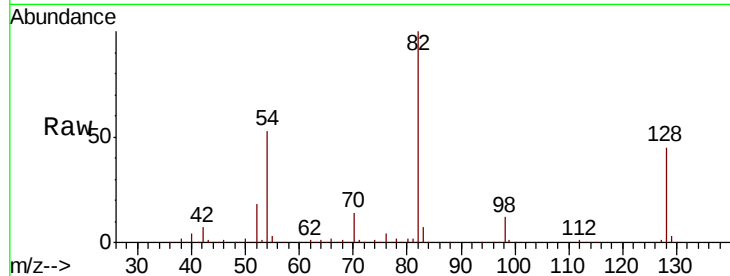




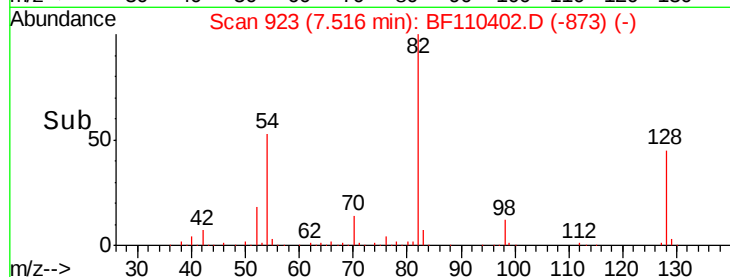
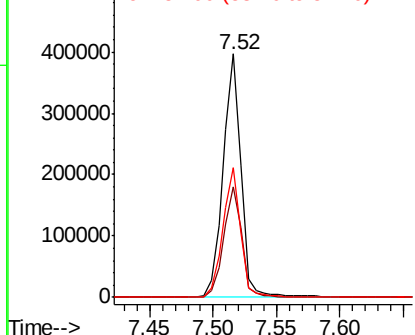
#23
Nitrobenzene-d5
Concen: 68.714 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 391623
Ion Ratio Lower Upper
82 100
128 45.1 34.2 51.2
54 53.1 38.6 58.0

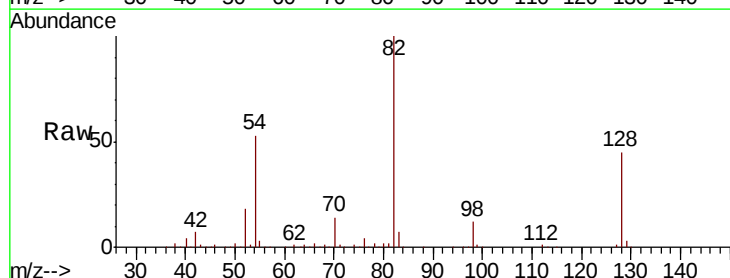


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

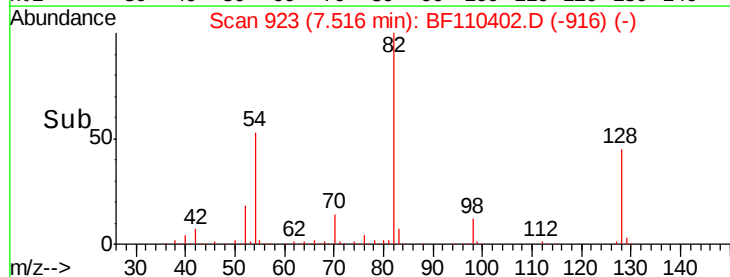
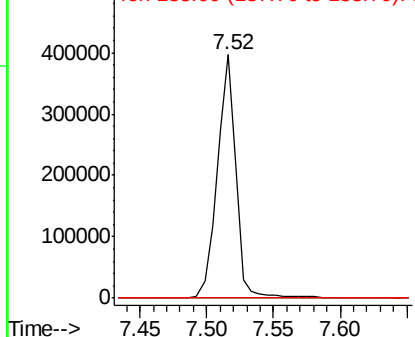


#25
Isophorone
Concen: 40.310 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Tgt Ion: 82 Resp: 391617
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: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

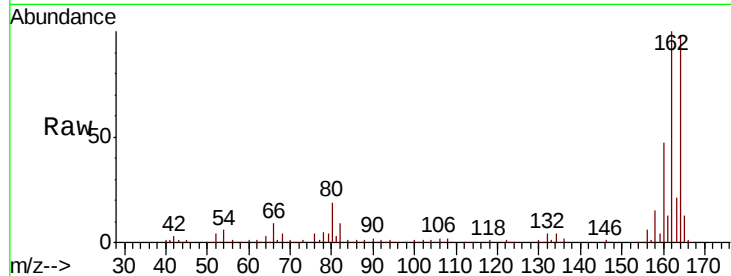
Tot Ion:164 Resp: 159015

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

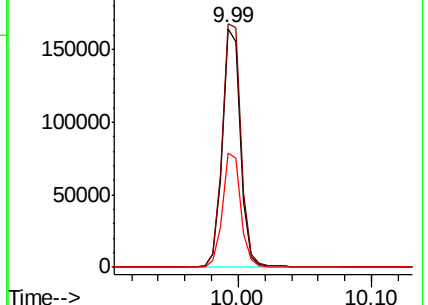
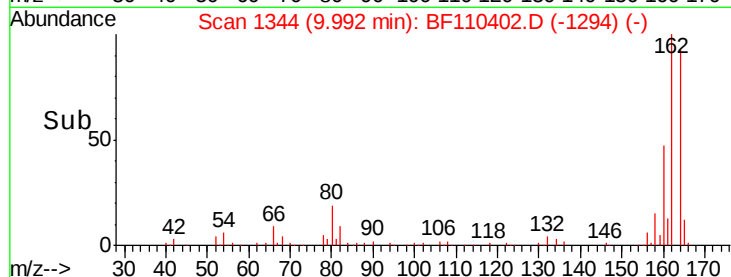
160 47.9 37.0 55.6



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: 88.669 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

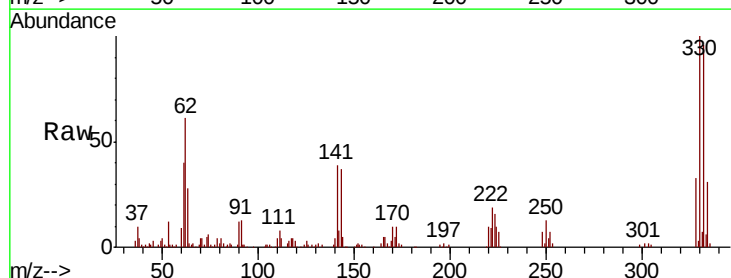
Tgt Ion:330 Resp: 139667

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

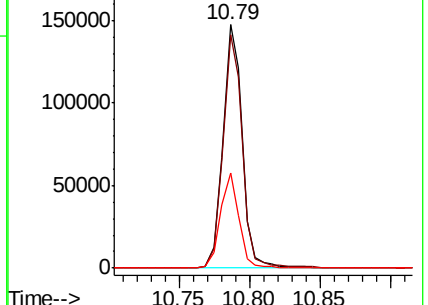
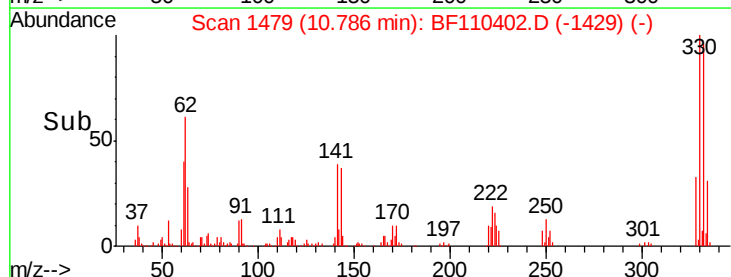
141 37.7 27.0 40.4



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

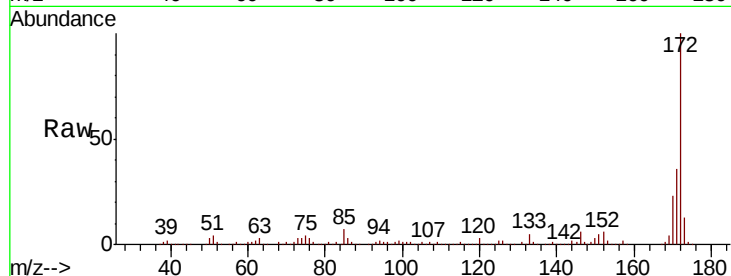




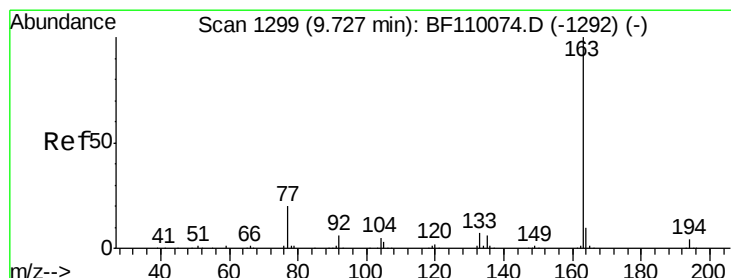
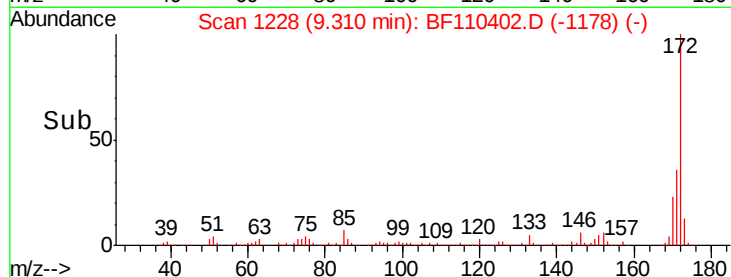
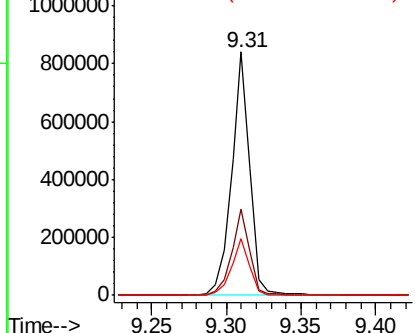
#45
2-Fluorobiphenyl
Concen: 71.847 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 727571
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 19.7 29.5

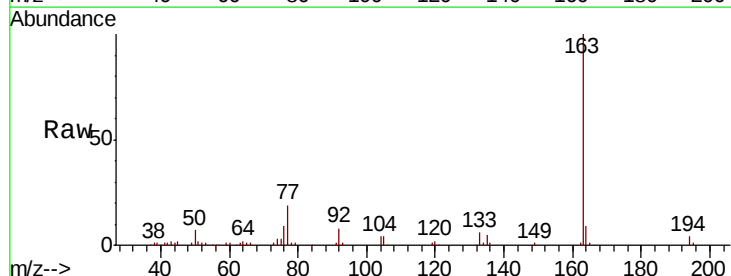


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

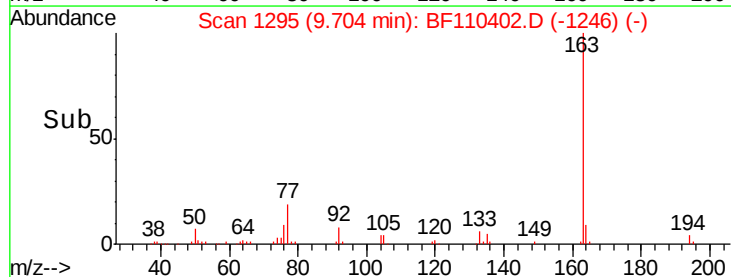
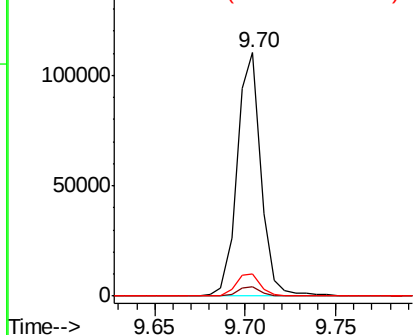


#50
Dimethylphthalate
Concen: 8.590 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110402.D
Acq: 2 Nov 2018 10:47

Tgt Ion:163 Resp: 100832
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.2 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

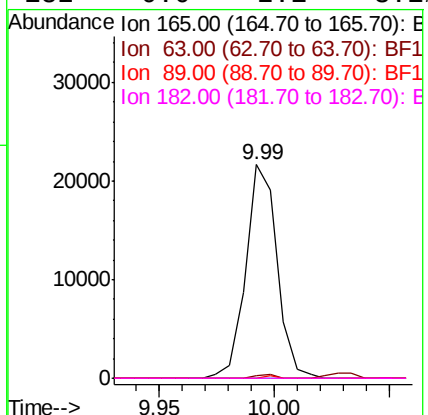
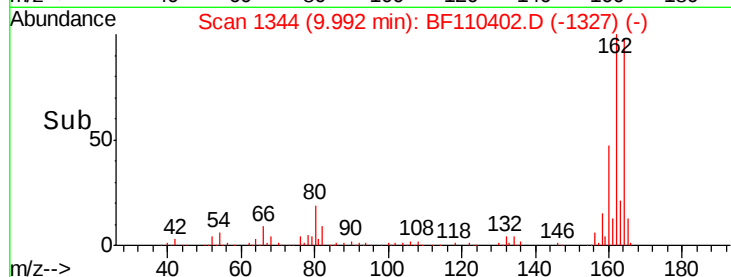
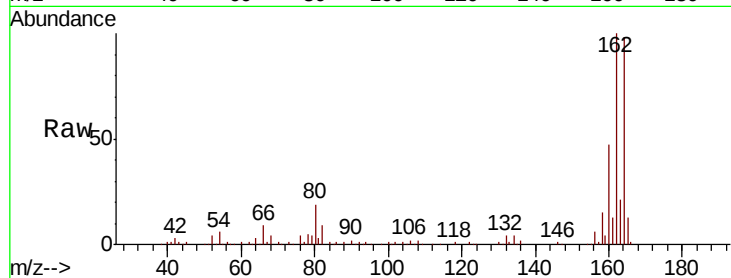




#57
 2,4-Dinitrotoluene
 Concen: 6.390 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

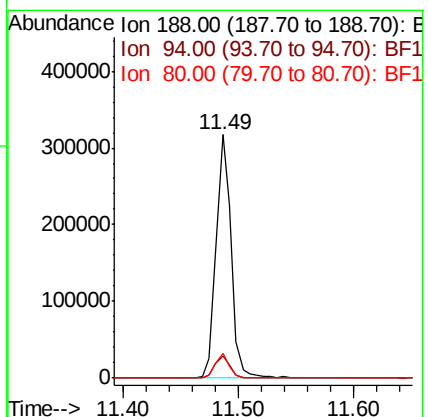
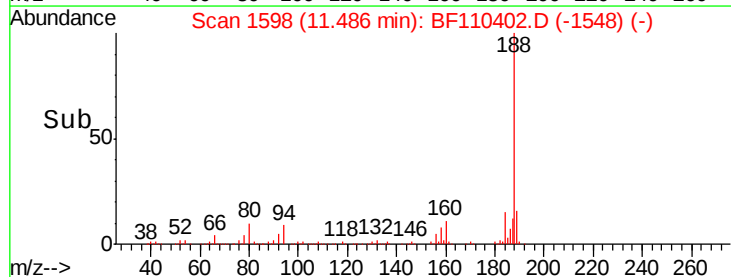
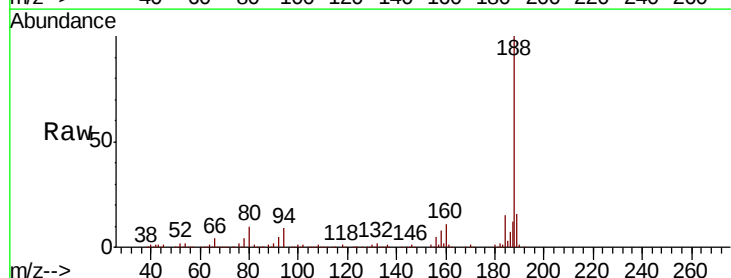
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9

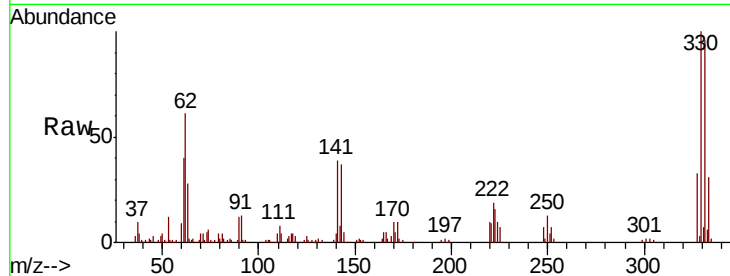




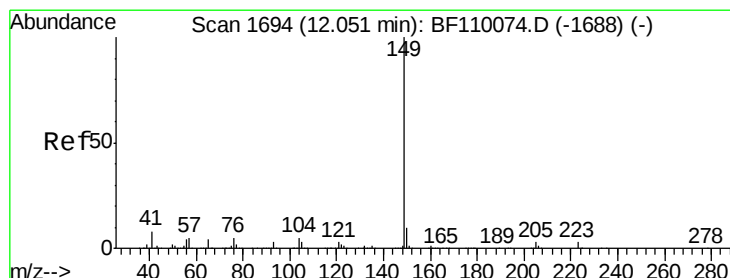
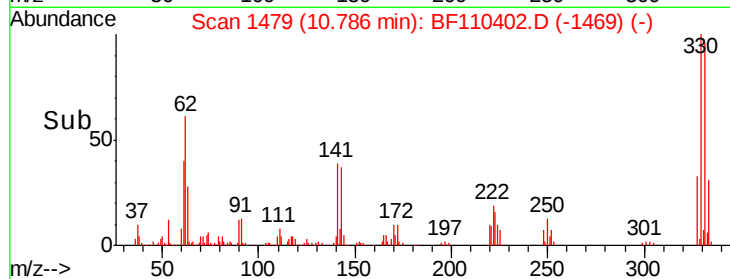
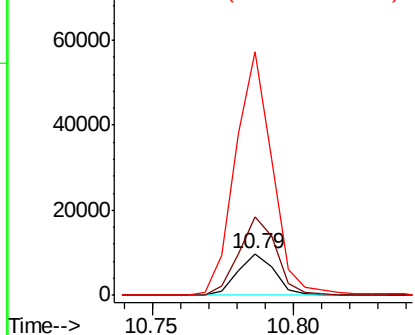
#67
 4-Bromophenyl-phenylether
 Concen: 2.844 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8827
 Ion Ratio Lower Upper
 248 100
 250 189.9 79.4 119.2#
 141 585.5 55.9 83.9#

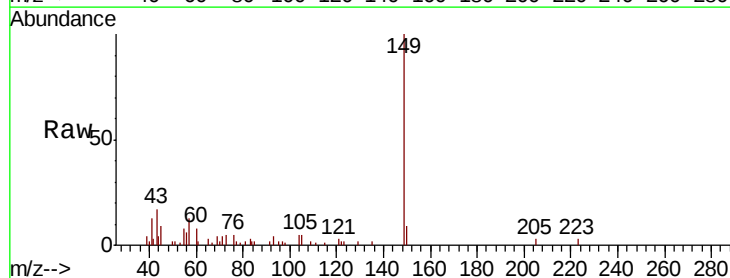


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

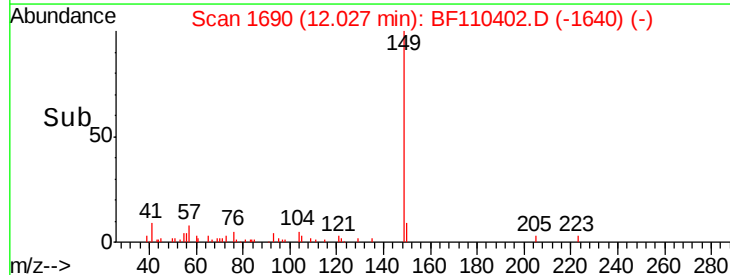
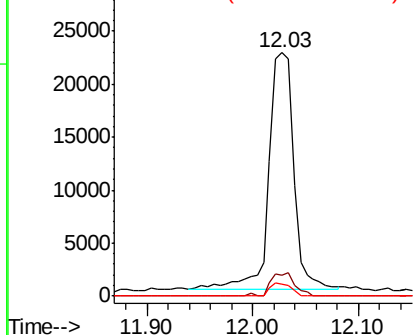


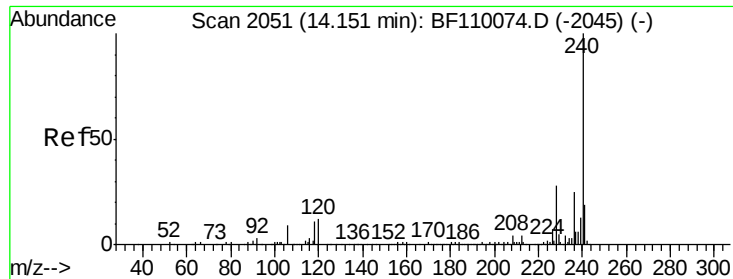
#74
 Di-n-butylphthalate
 Concen: 2.202 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion:149 Resp: 36435
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.7 11.5
 104 4.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

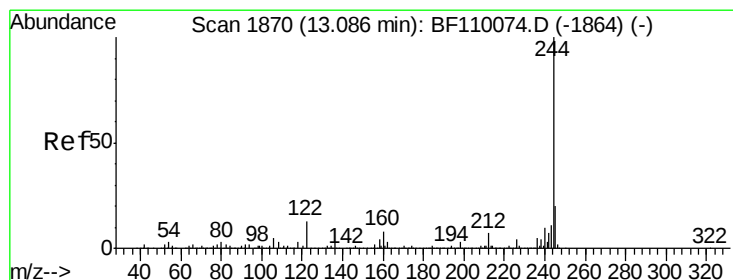
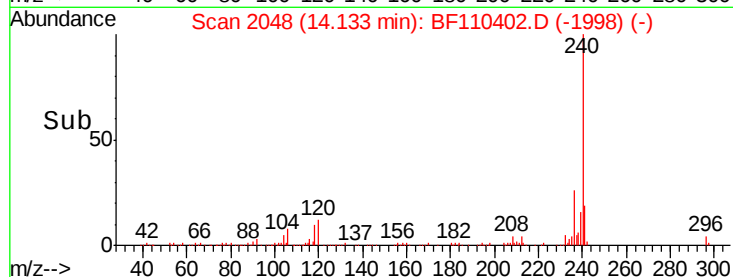
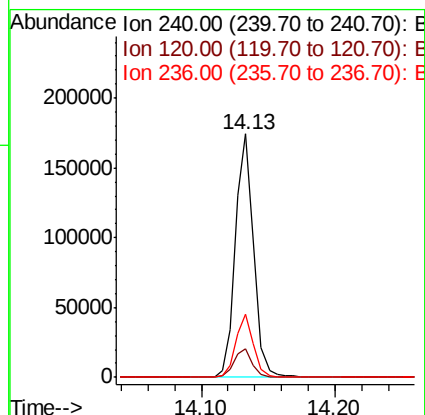
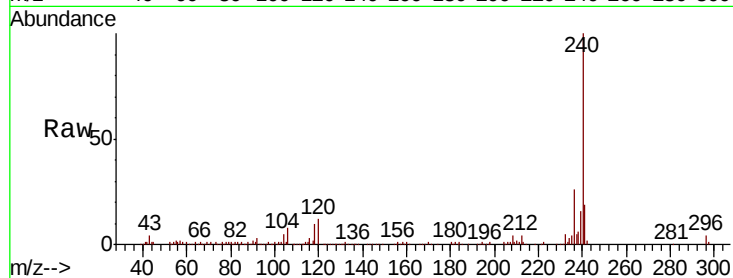




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

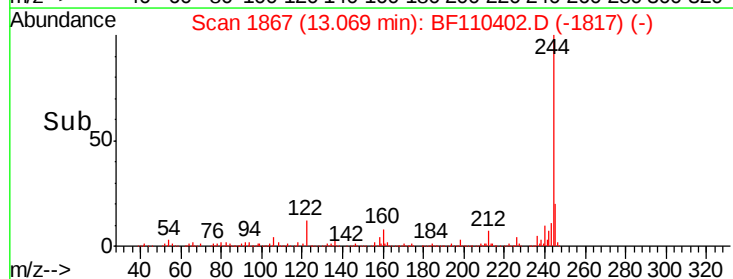
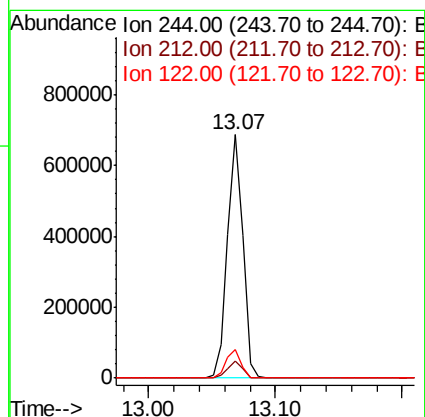
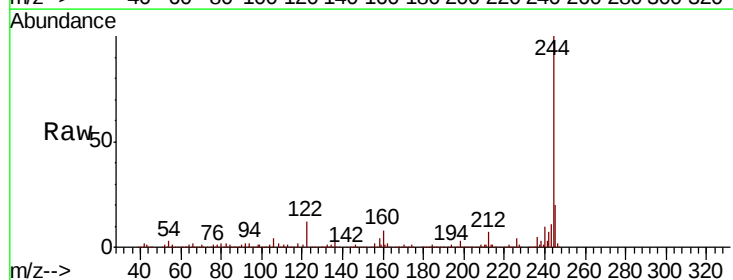
Instrument :
 BNA_F
 ClientSampleId :

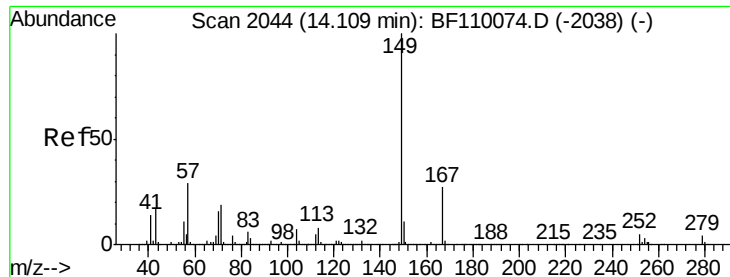
Tot Ion:240 Resp: 167380
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.3 12.5
 236 26.1 21.2 31.8



#79
 Terphenyl-d14
 Concen: 72.646 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110402.D
 Acq: 2 Nov 2018 10:47

Tgt Ion:244 Resp: 584676
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.9 8.7 13.1





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.550 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.10 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

Instrument :

BNA_F

ClientSampleId :

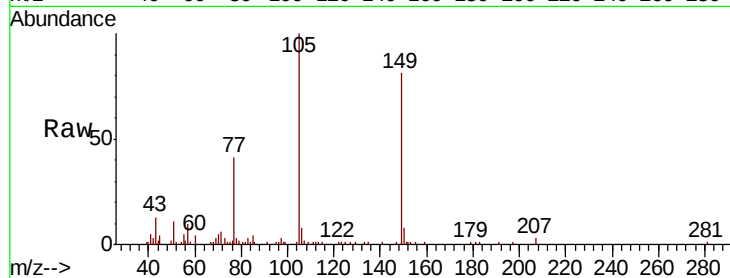
Tot Ion:149 Resp: 60200

Ion Ratio Lower Upper

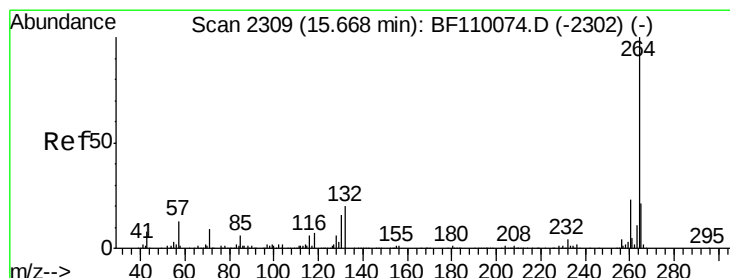
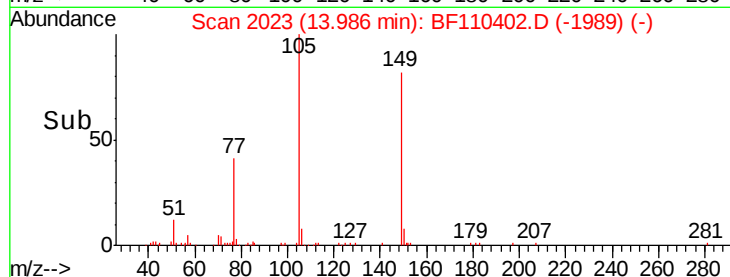
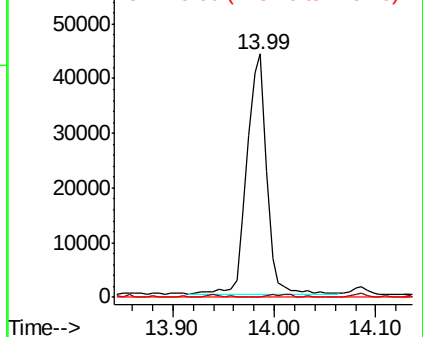
149 100

167 0.0 19.8 29.8#

279 0.0 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110402.D

Acq: 2 Nov 2018 10:47

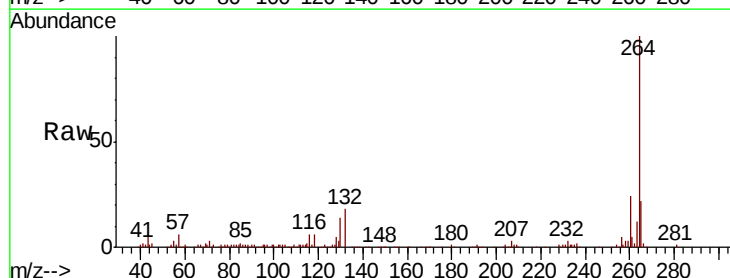
Tgt Ion:264 Resp: 172078

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.6 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

