

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110442.D
 Acq On : 3 Nov 2018 6:15
 Operator : JU/SJ
 Sample : J5789-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 06:47:25 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

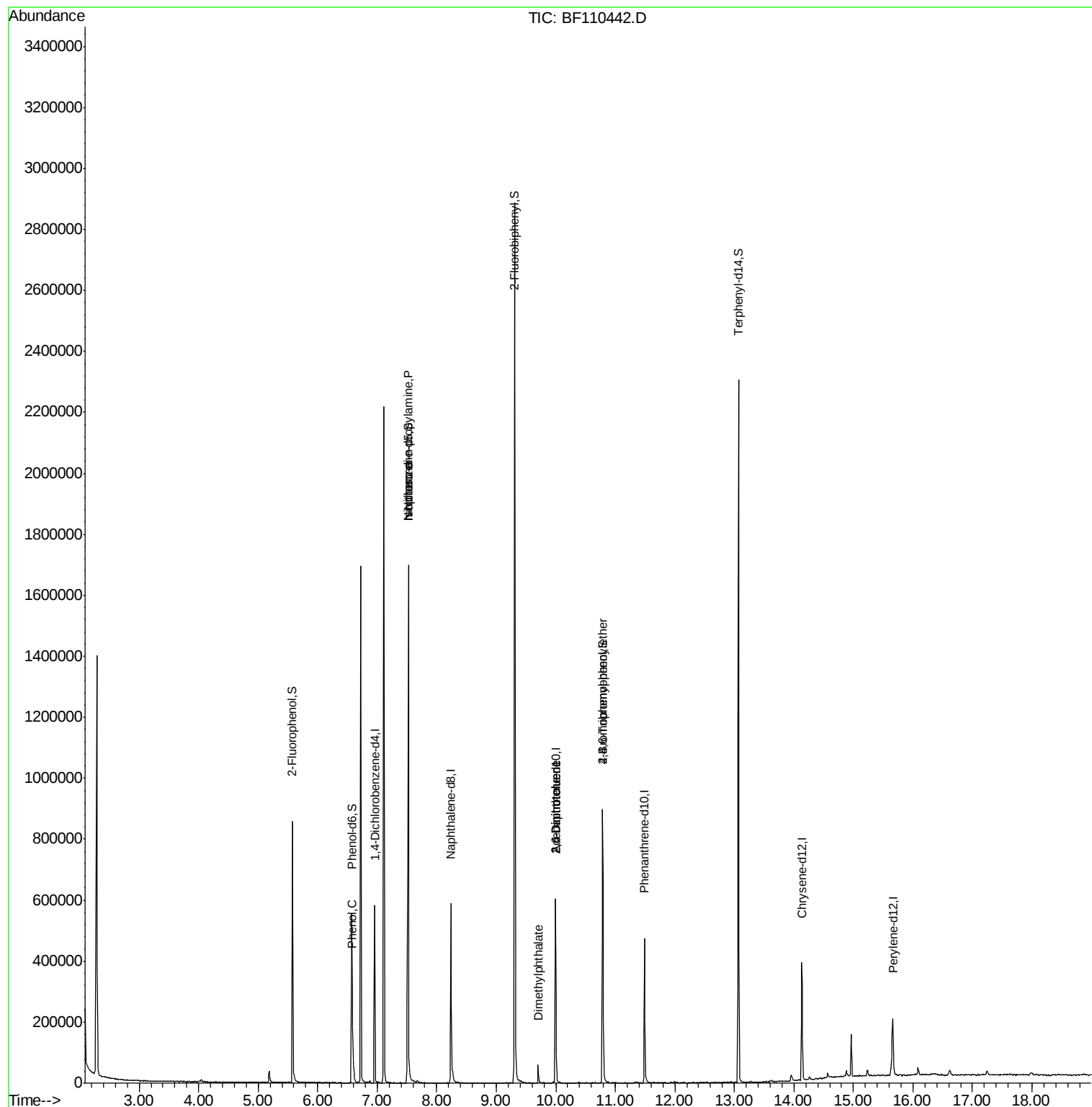
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	90611	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	324695	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	129120	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	218428	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148387	20.00	ng	0.00
87) Perylene-d12	15.66	264	108628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	239913	43.12	ng	0.00
7) Phenol-d6	6.57	99	180731	25.39	ng	0.00
23) Nitrobenzene-d5	7.52	82	588783	107.56	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	111985	87.56	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	966290	117.51	ng	0.00
79) Terphenyl-d14	13.07	244	859332	120.44	ng	0.00
Target Compounds						
10) Phenol	6.59	94	36822	4.840	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	76449	16.743	ng	# 79
25) Isophorone	7.52	82	588780	63.096	ng	# 67
50) Dimethylphthalate	9.70	163	30706	3.222	ng	# 98
51) 2,6-Dinitrotoluene	10.00	165	16359	7.968	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	16359	6.273	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	7214	3.045	ng	# 1

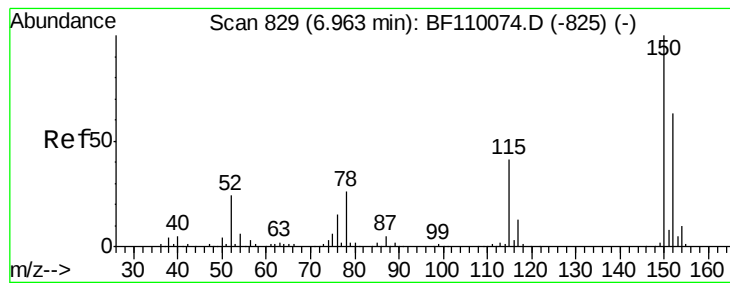
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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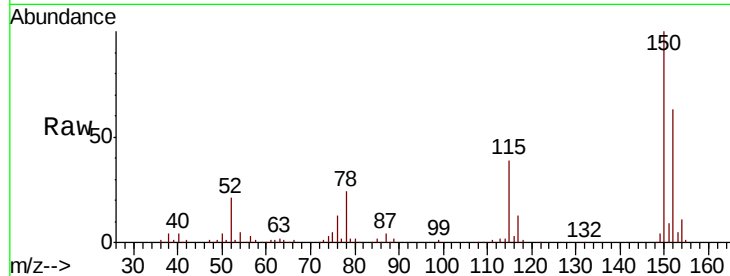


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.7	184.1
115	61.6	49.1	73.7

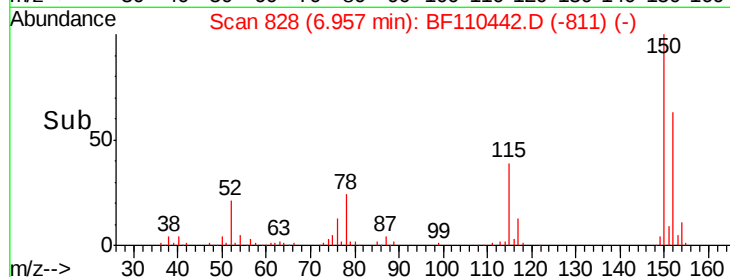
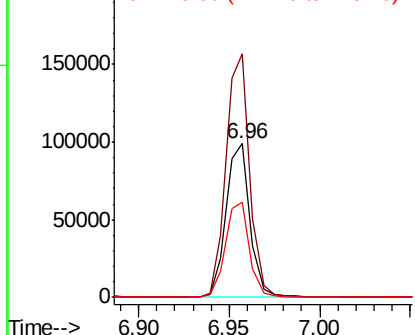


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

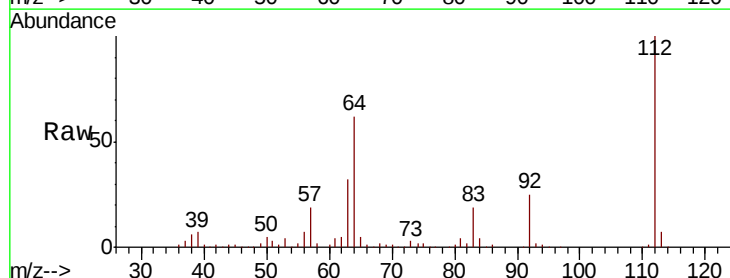
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.117 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	44.1	66.1
63	32.0	23.7	35.5

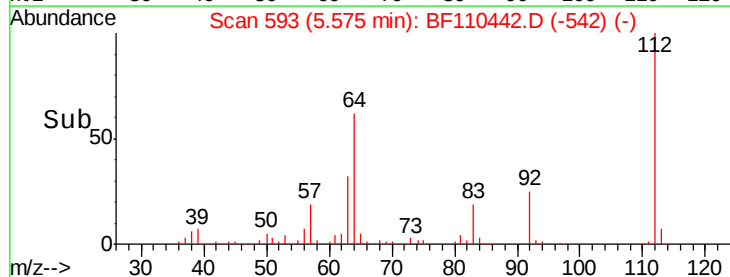
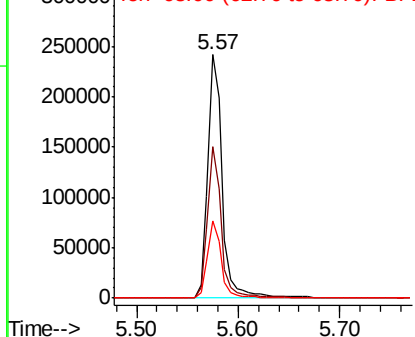


Abundance

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: 25.394 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110442.D

Acq: 3 Nov 2018 6:15

Instrument :

BNA_F

ClientSampled :

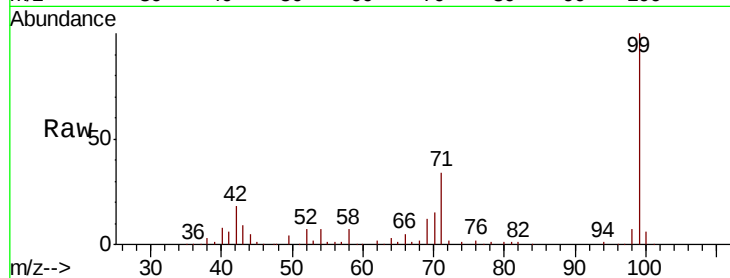
Tot Ion: 99 Resp: 180731

Ion Ratio Lower Upper

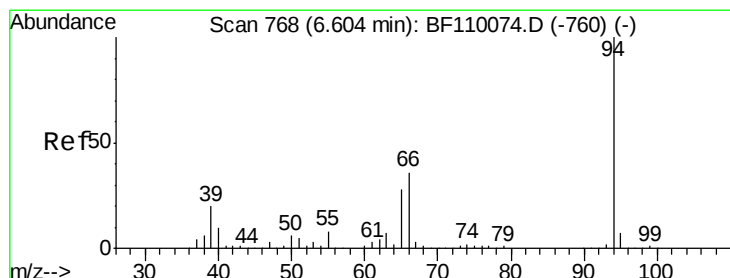
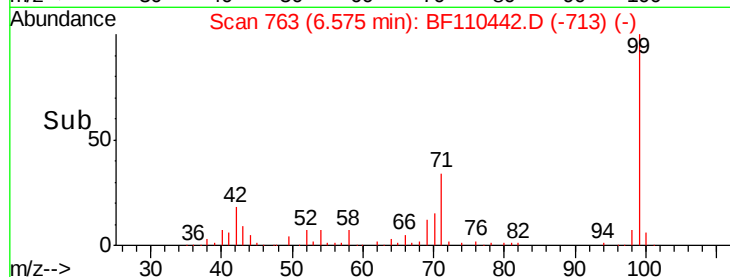
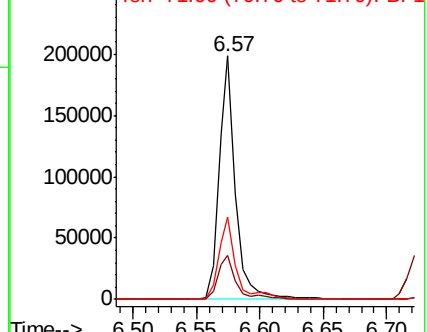
99 100

42 17.9 15.8 23.6

71 33.9 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: 4.840 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110442.D

Acq: 3 Nov 2018 6:15

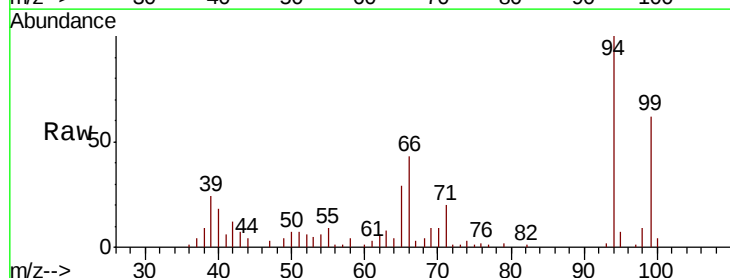
Tgt Ion: 94 Resp: 36822

Ion Ratio Lower Upper

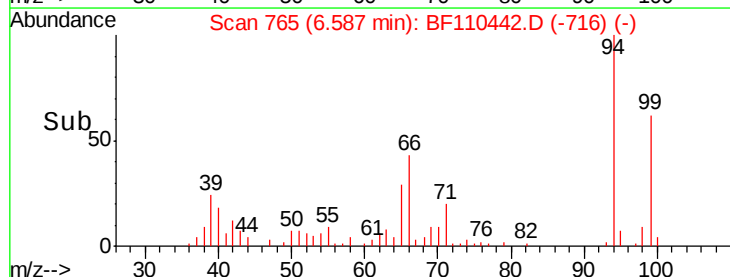
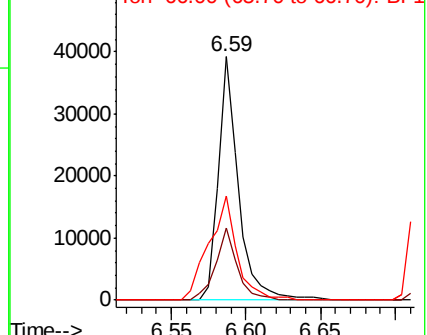
94 100

65 29.4 25.3 65.3

66 42.5 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

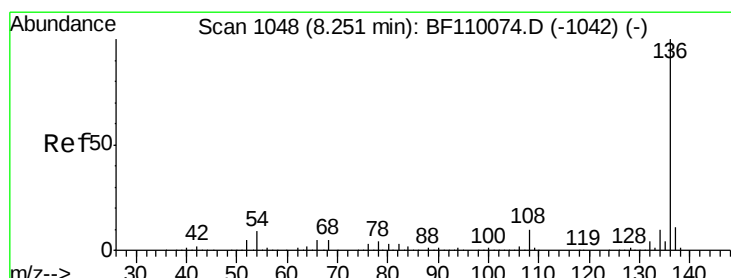
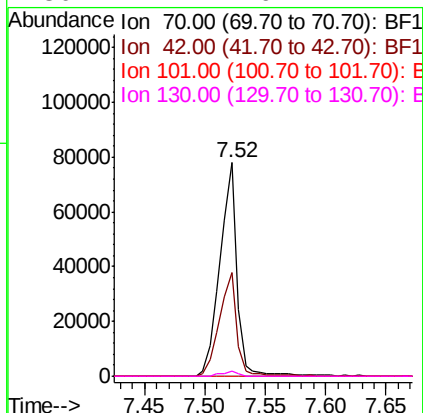
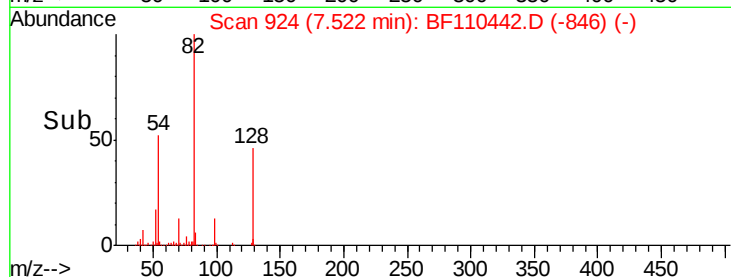
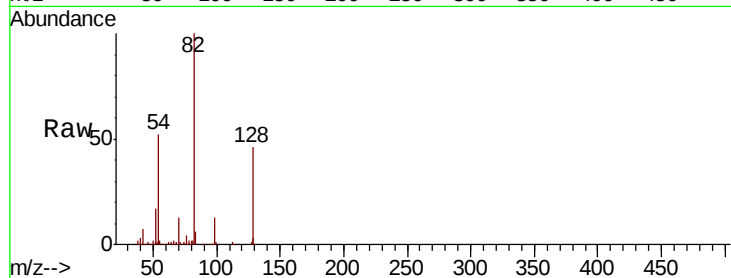




#19
n-Nitroso-di-n-propylamine
Concen: 16.743 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

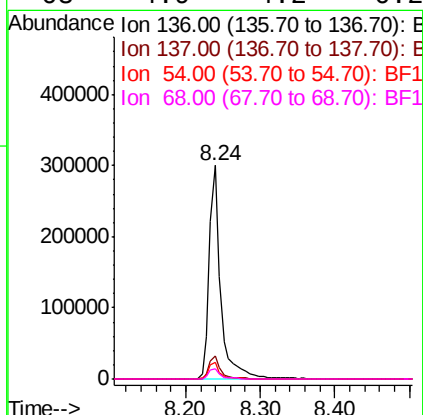
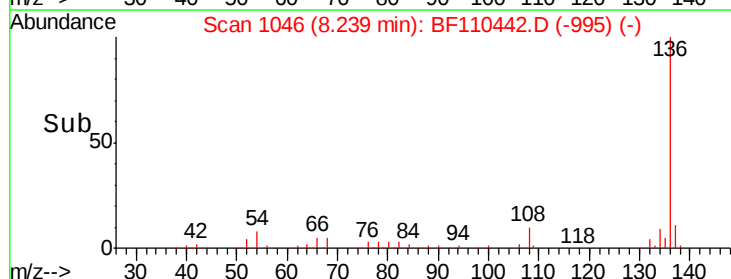
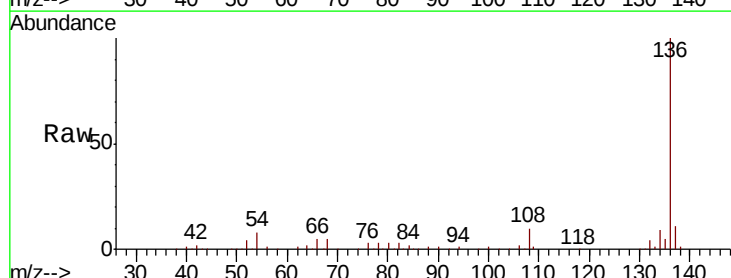
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 76449
Ion Ratio Lower Upper
70 100
42 48.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion: 136 Resp: 324695
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.9 5.4 8.2
68 4.9 4.2 6.2

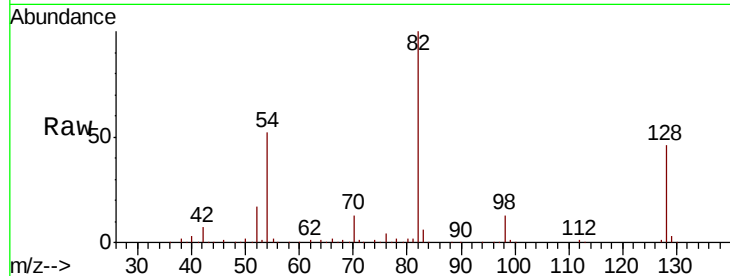




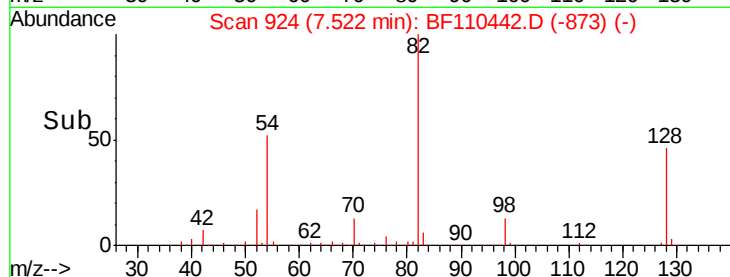
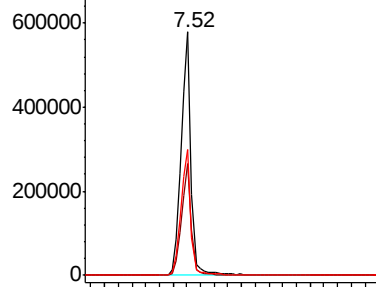
#23
Nitrobenzene-d5
Concen: 107.555 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 588783
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.2
54 51.8 38.6 58.0

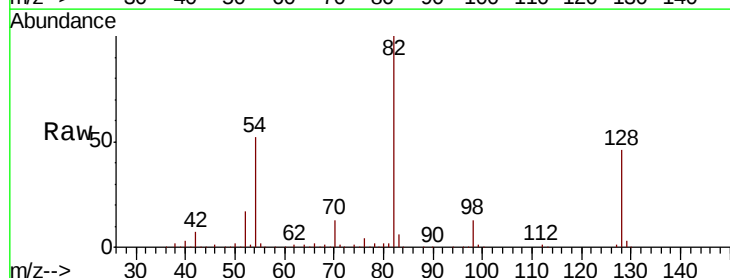


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

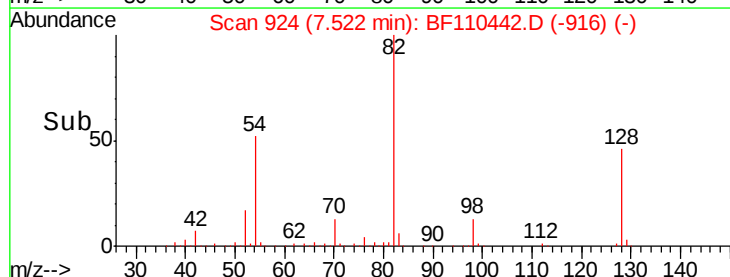
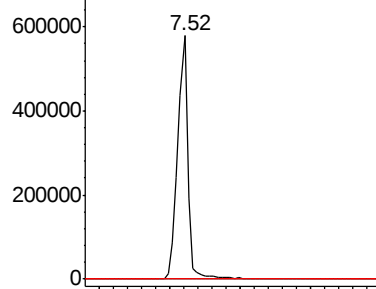


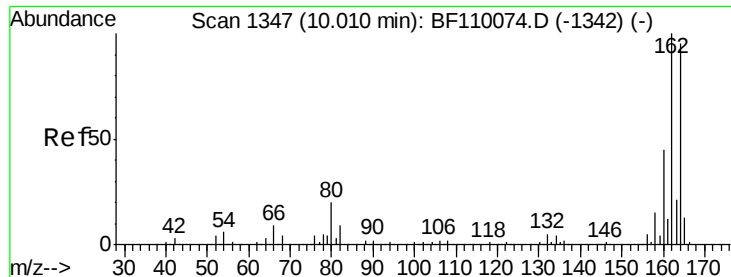
#25
Isophorone
Concen: 63.096 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion: 82 Resp: 588780
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

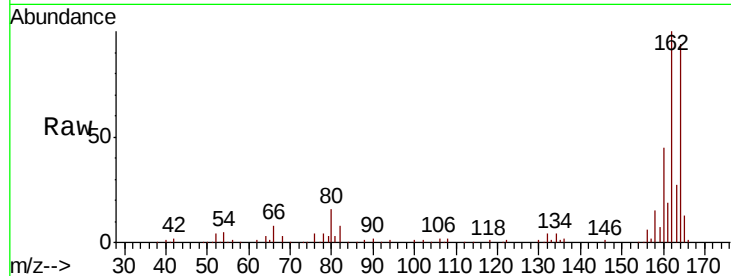




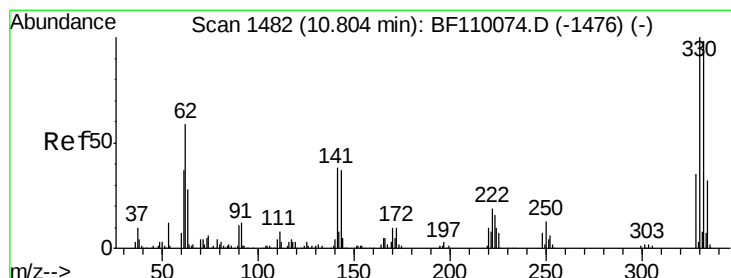
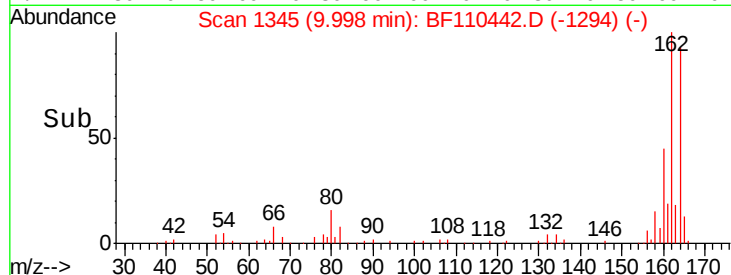
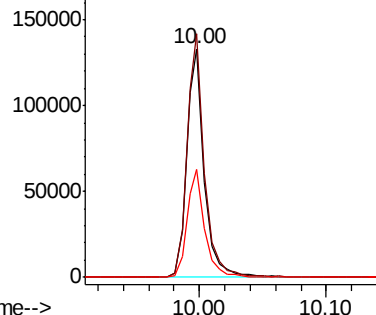
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 129120
Ion Ratio Lower Upper
164 100
162 106.4 83.0 124.6
160 47.5 37.0 55.6

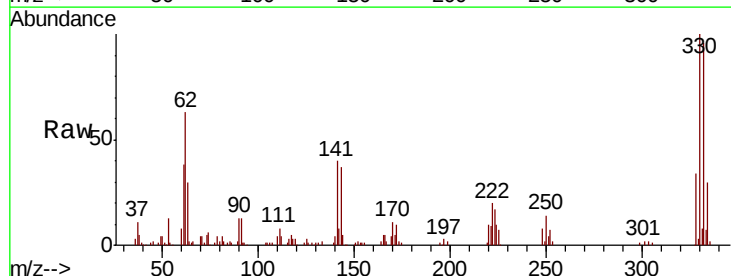


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

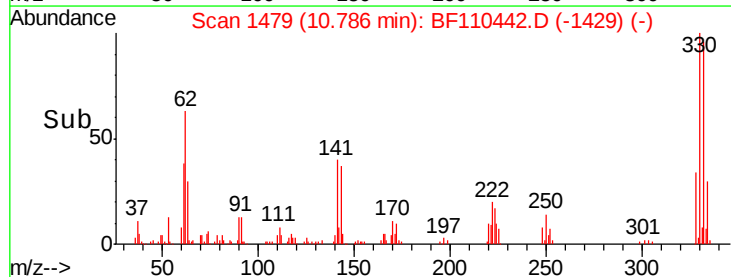
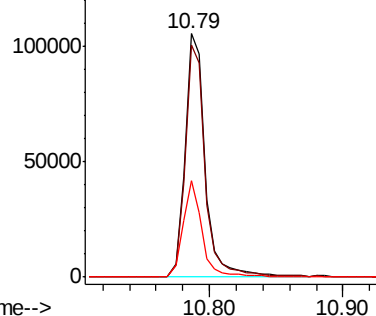


#42
2,4,6-Tribromophenol
Concen: 87.555 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion:330 Resp: 111985
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 37.2 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

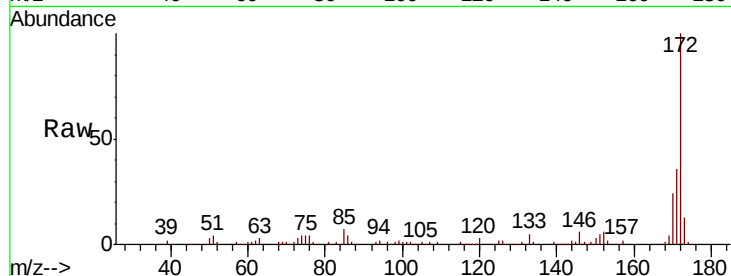




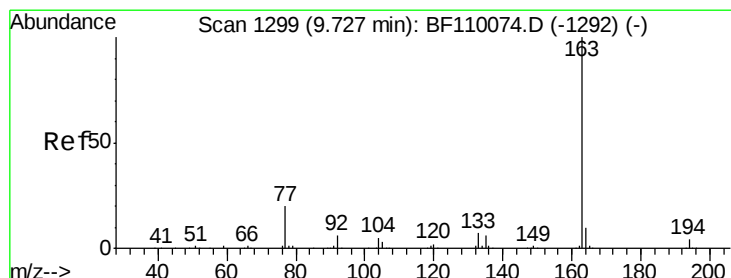
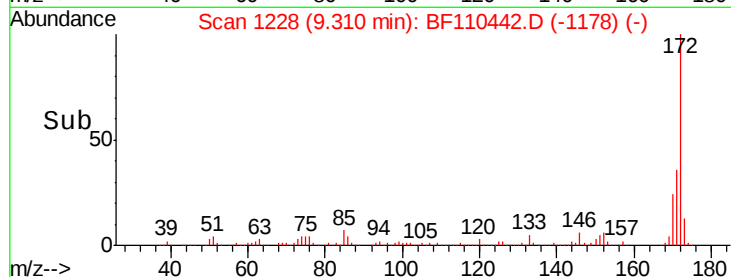
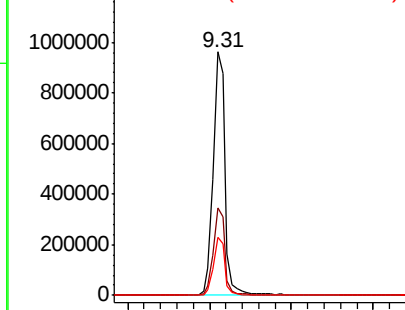
#45
2-Fluorobiphenyl
Concen: 117.513 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 966290
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.7 29.5

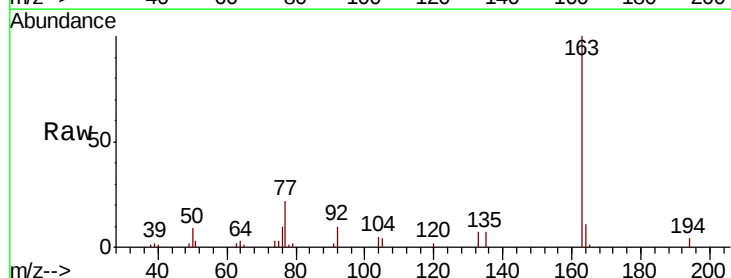


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

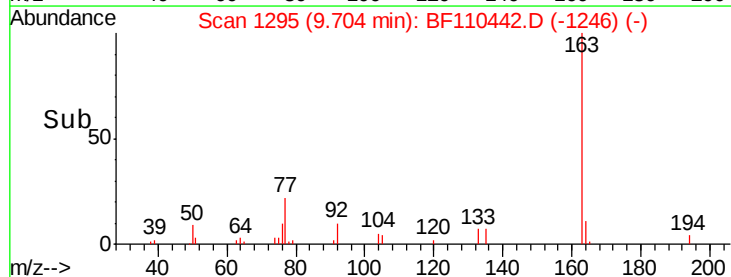
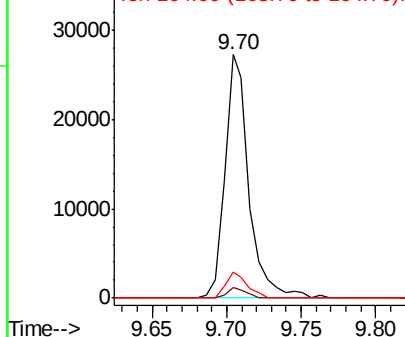


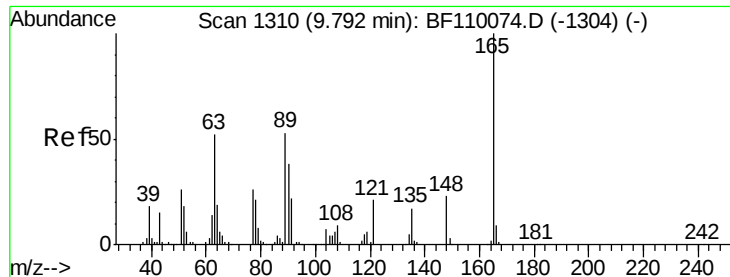
#50
Dimethylphthalate
Concen: 3.222 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion:163 Resp: 30706
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 10.9 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

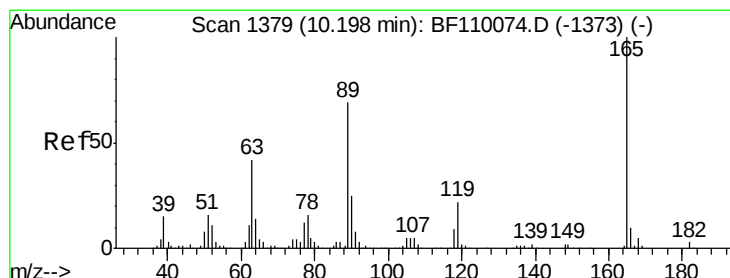
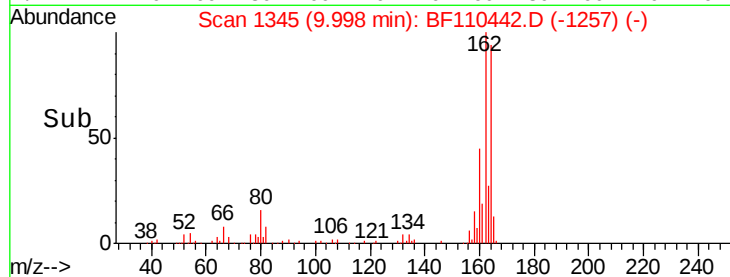
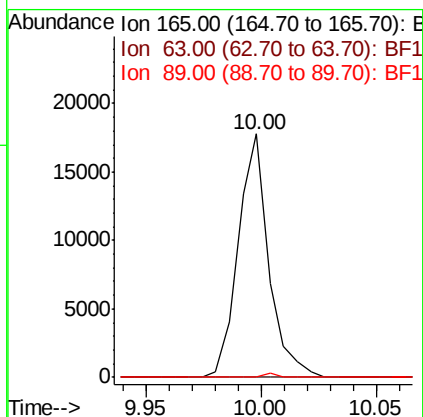
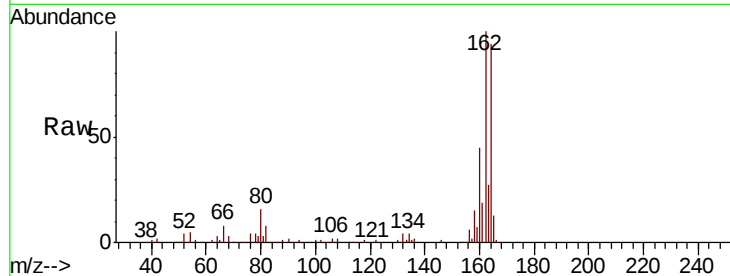




#51
 2,6-Dinitrotoluene
 Concen: 7.968 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110442.D
 Acq: 3 Nov 2018 6:15

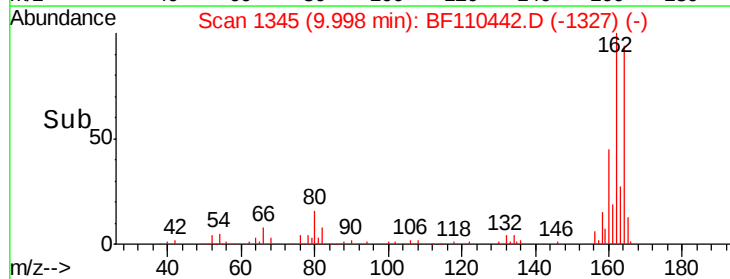
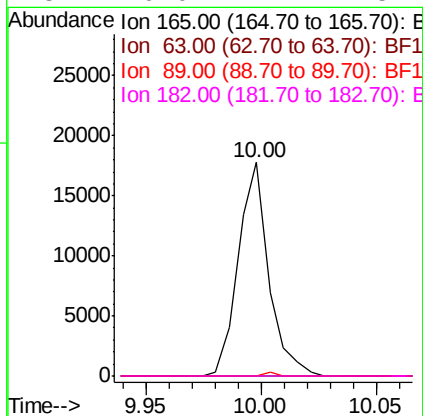
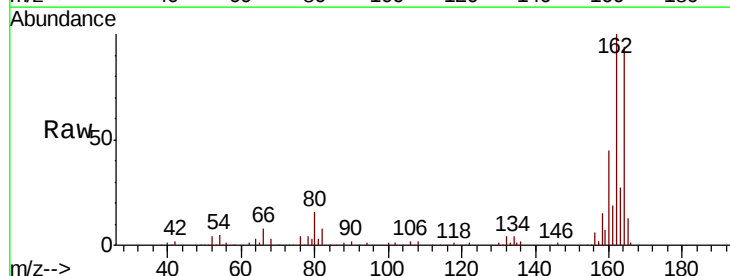
Instrument :
 BNA_F
 ClientSampleId :

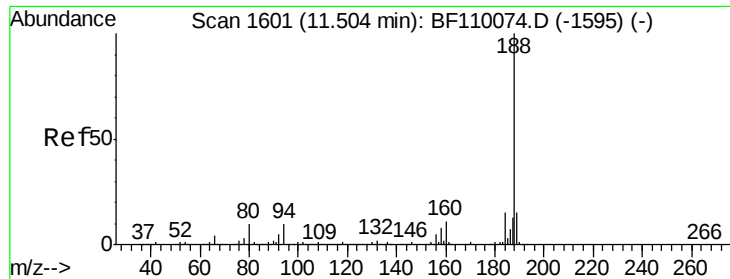
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.273 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110442.D
 Acq: 3 Nov 2018 6:15

Tgt 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#

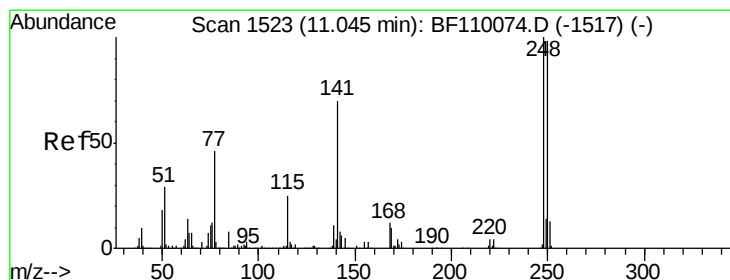
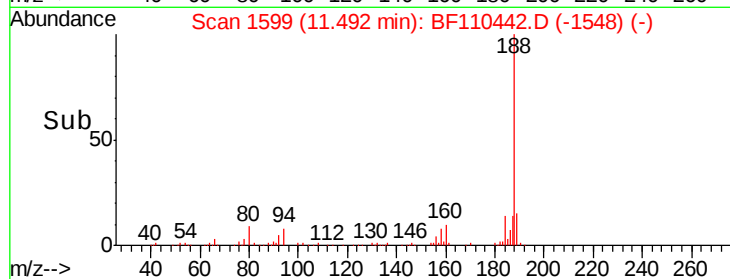
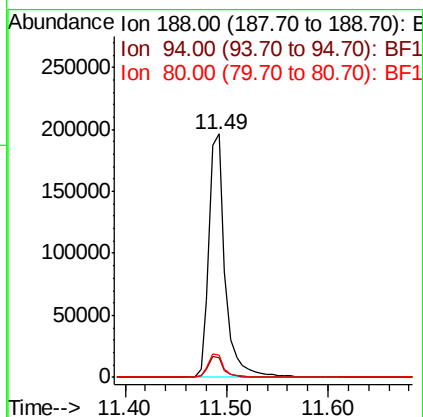
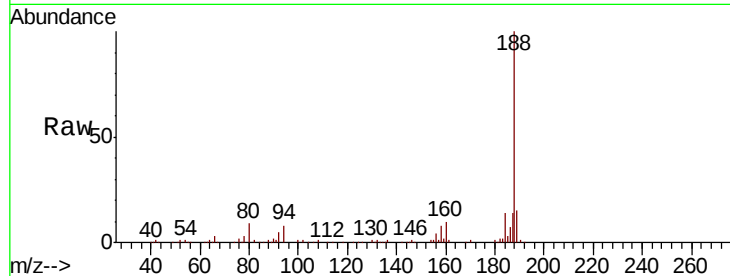




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

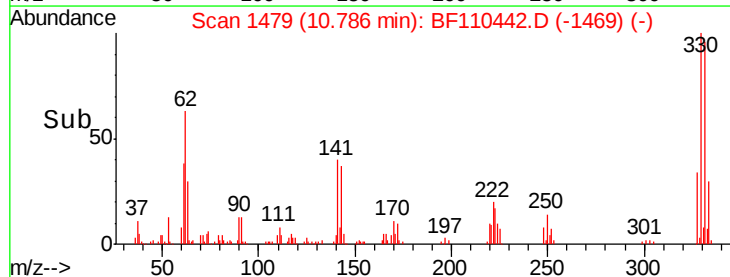
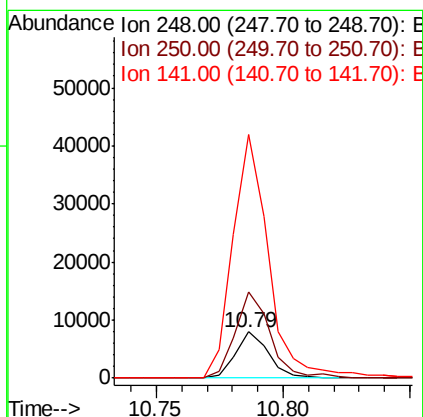
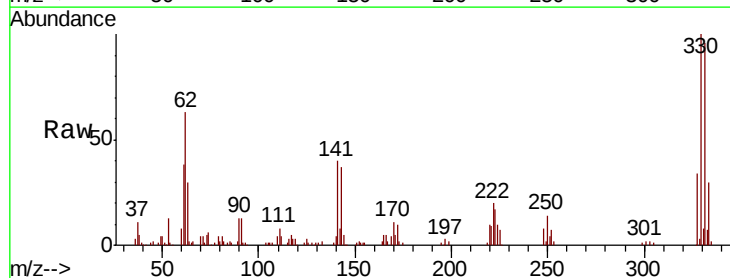
Instrument :
BNA_F
ClientSampleId :

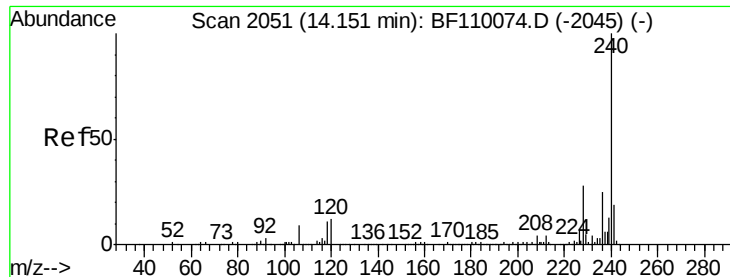
Tot Ion:188 Resp: 218428
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.9 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.045 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110442.D
Acq: 3 Nov 2018 6:15

Tgt Ion:248 Resp: 7214
Ion Ratio Lower Upper
248 100
250 186.0 79.4 119.2#
141 525.8 55.9 83.9#

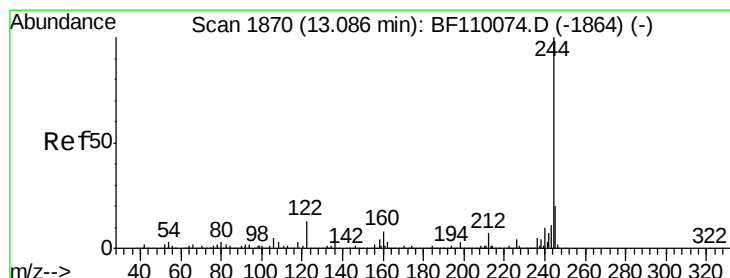
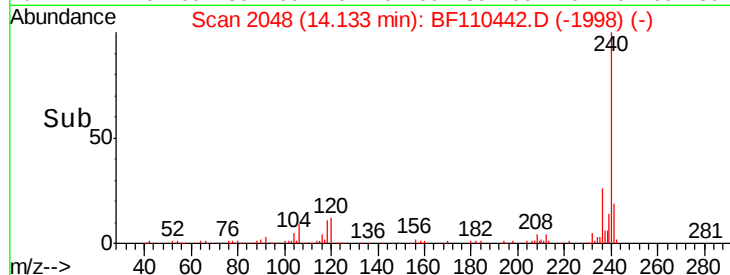
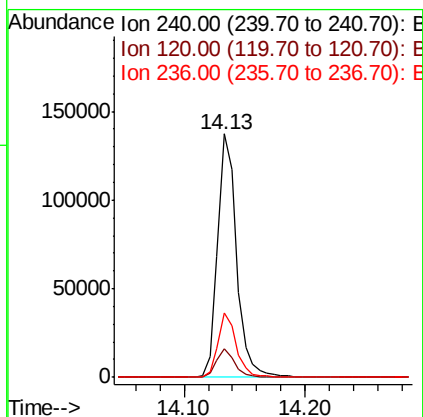
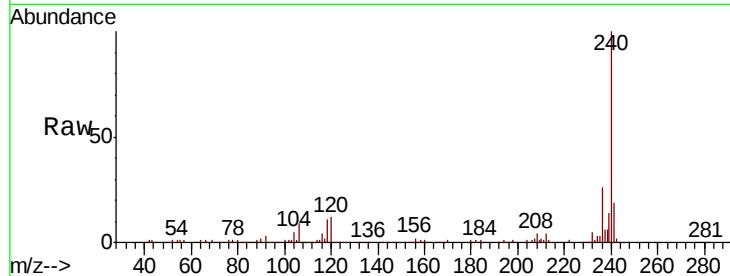




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110442.D
 Acq: 3 Nov 2018 6:15

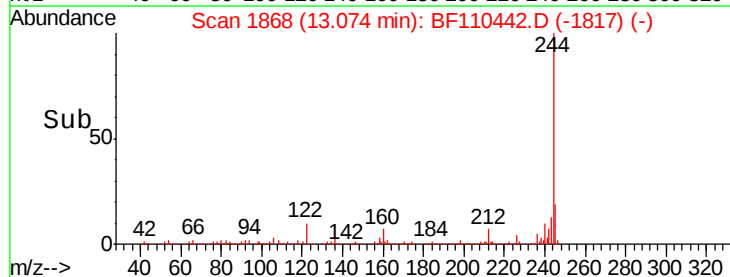
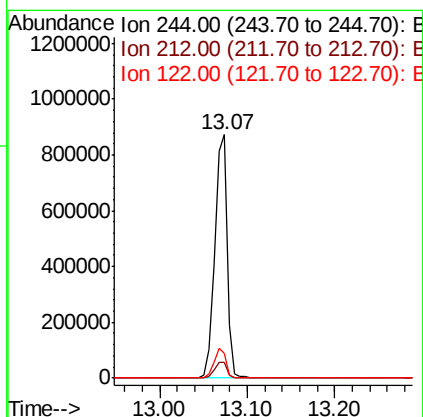
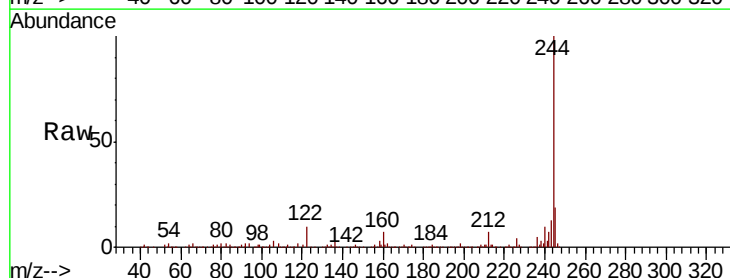
Instrument :
 BNA_F
 ClientSampleId :

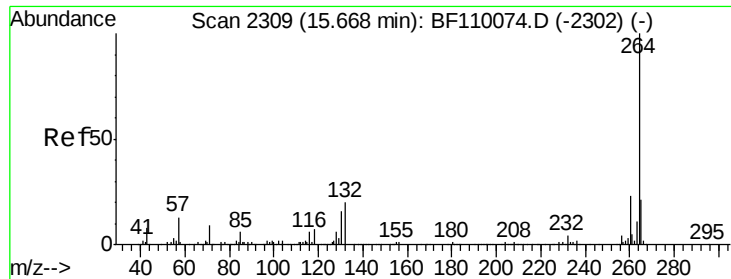
Tot Ion:240 Resp: 148387
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 26.3 21.2 31.8



#79
 Terphenyl-d14
 Concen: 120.439 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110442.D
 Acq: 3 Nov 2018 6:15

Tgt Ion:244 Resp: 859332
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.3 8.7 13.1

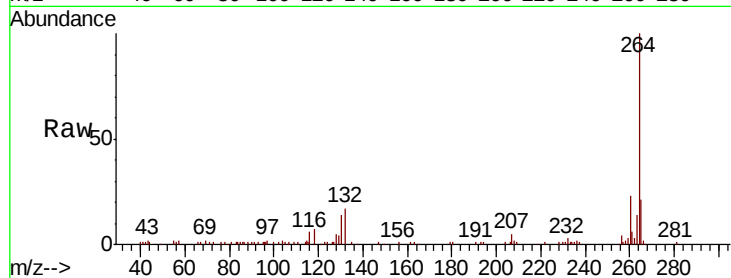




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2308
 Delta R.T. 0.01 min
 Lab File: BF110442.D
 Acq: 3 Nov 2018 6:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.8	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

