

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110411.D
 Acq On : 2 Nov 2018 14:50
 Operator : JU/SJ
 Sample : J5794-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:56:21 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

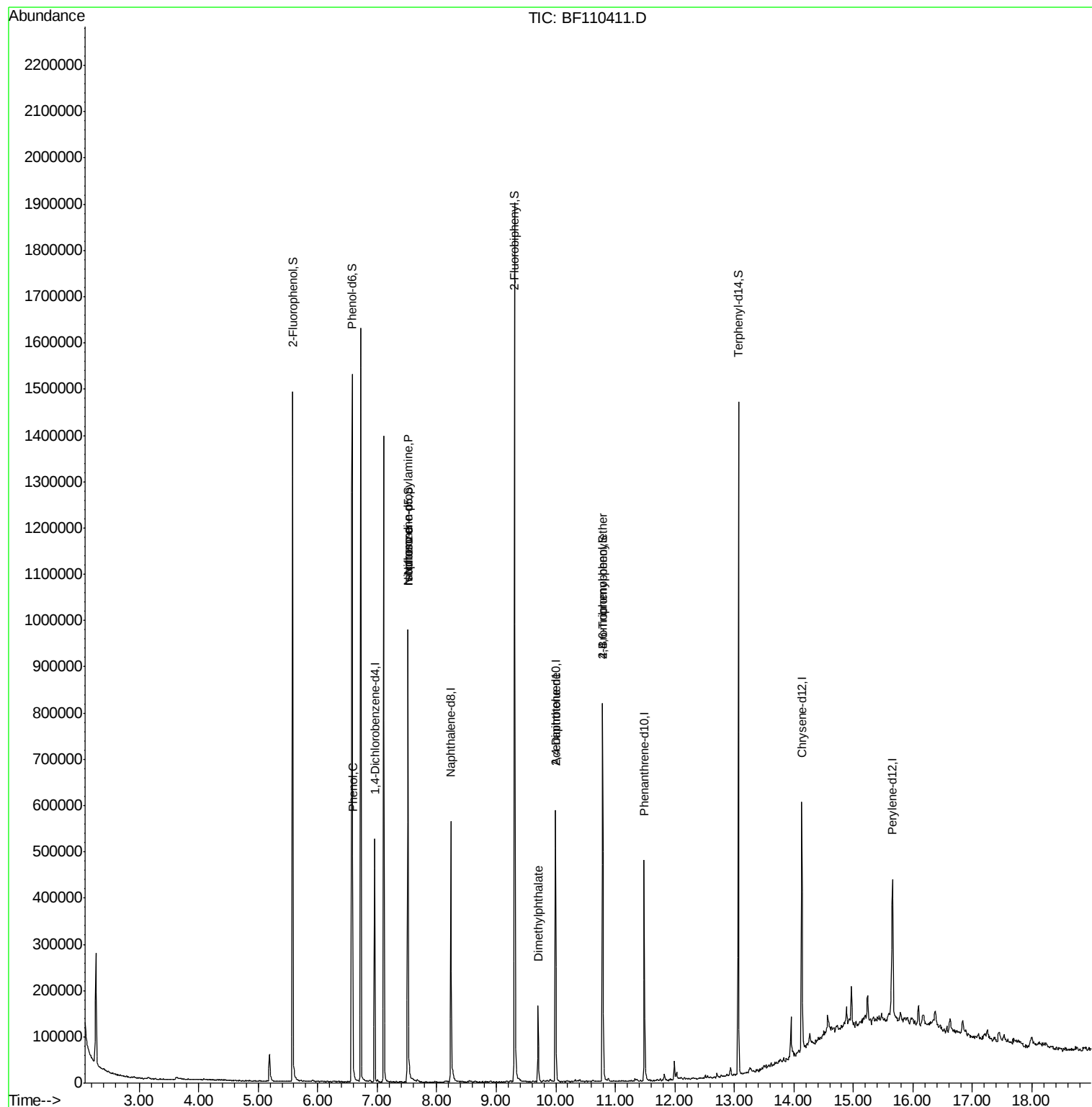
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	77507	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	304624	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	123598	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	196113	20.00	ng	0.00
76) Chrysene-d12	14.13	240	178624	20.00	ng	0.00
87) Perylene-d12	15.66	264	145204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	417036	87.62	ng	0.00
7) Phenol-d6	6.58	99	524124	86.09	ng	0.00
23) Nitrobenzene-d5	7.52	82	328105	63.89	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	95842	78.28	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	576356	73.22	ng	0.00
79) Terphenyl-d14	13.07	244	454876	52.96	ng	0.00
Target Compounds						
10) Phenol	6.59	94	30536	4.692	ng	# 64
19) n-Nitroso-di-n-propylamine	7.52	70	41866	10.719	ng	# 80
25) Isophorone	7.52	82	328103	37.478	ng	# 67
50) Dimethylphthalate	9.70	163	81604	8.944	ng	# 98
57) 2,4-Dinitrotoluene	10.00	165	15289	6.125	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	6065	2.851	ng	# 1

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

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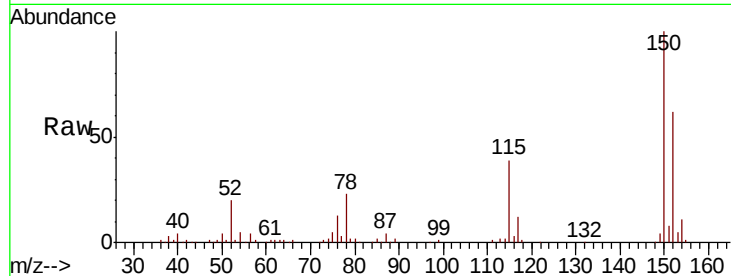


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.7	184.1
115	62.9	49.1	73.7

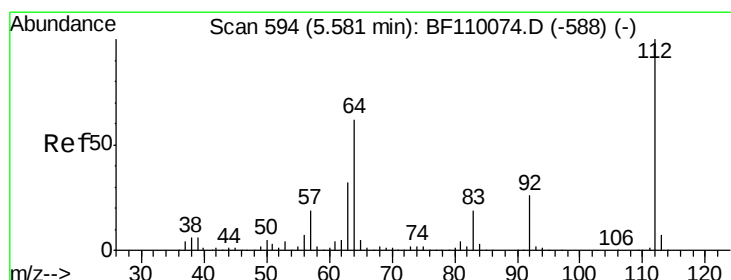
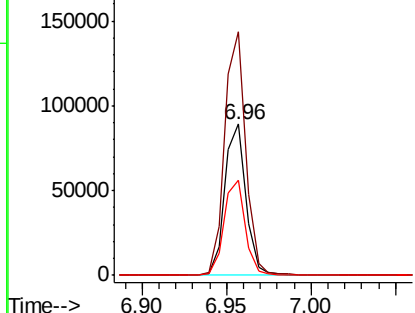
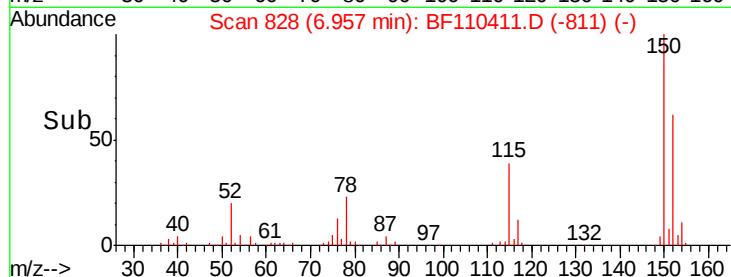


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

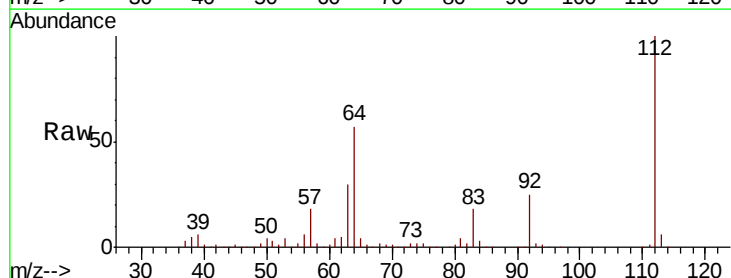
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 87.621 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.1	66.1
63	30.3	23.7	35.5

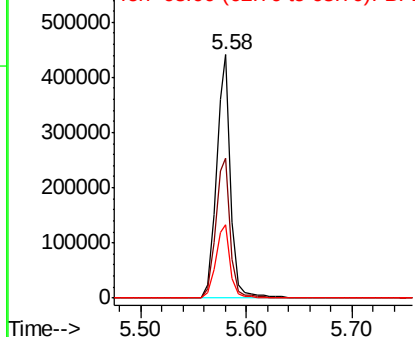
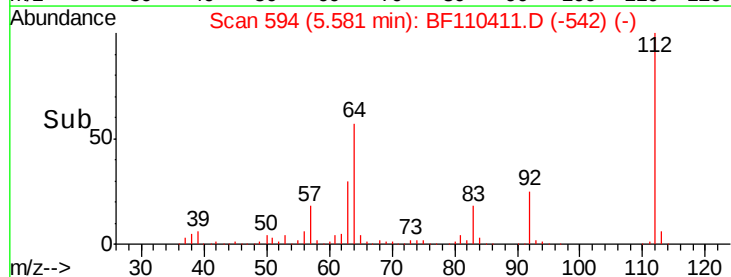


Abundance

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: 86.094 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110411.D

Acq: 2 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

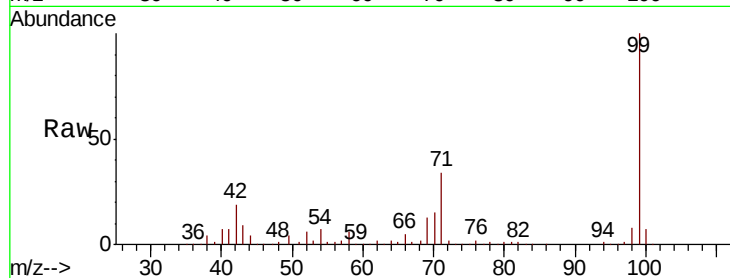
Tot Ion: 99 Resp: 524124

Ion Ratio Lower Upper

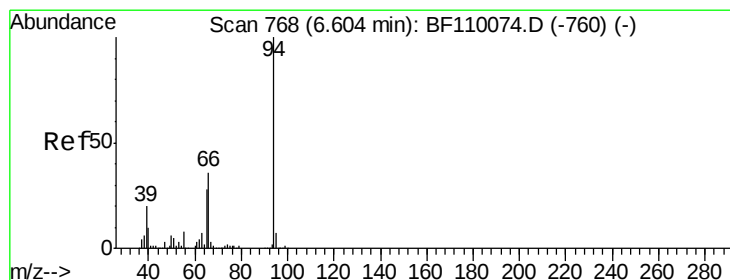
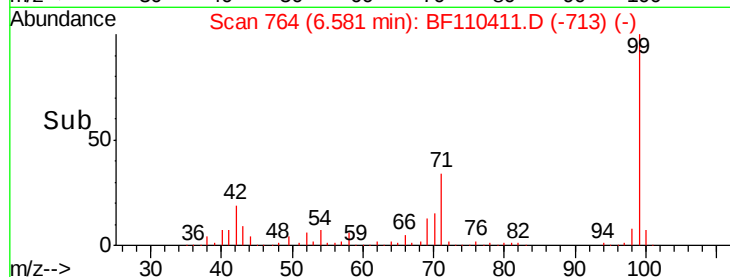
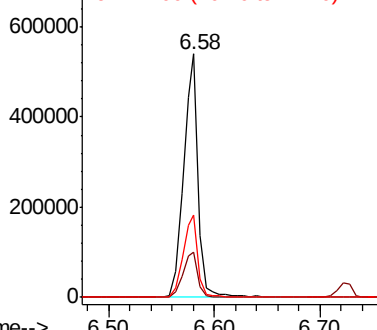
99 100

42 18.6 15.8 23.6

71 34.0 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: 4.692 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110411.D

Acq: 2 Nov 2018 14:50

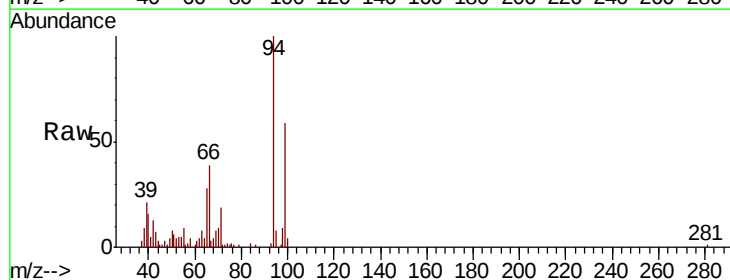
Tgt Ion: 94 Resp: 30536

Ion Ratio Lower Upper

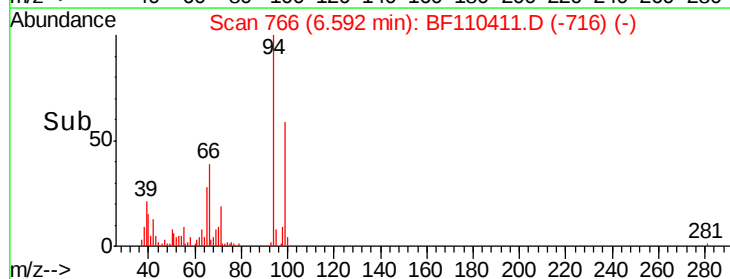
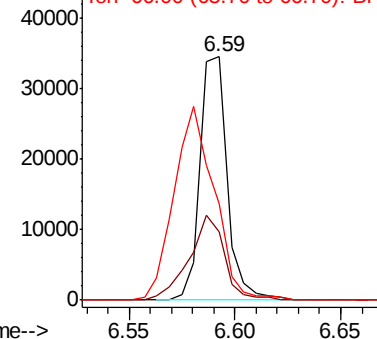
94 100

65 28.0 25.3 65.3

66 39.4 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

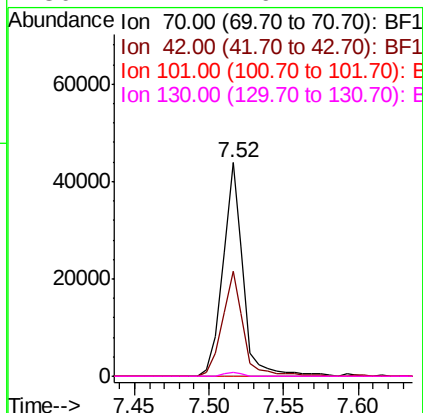
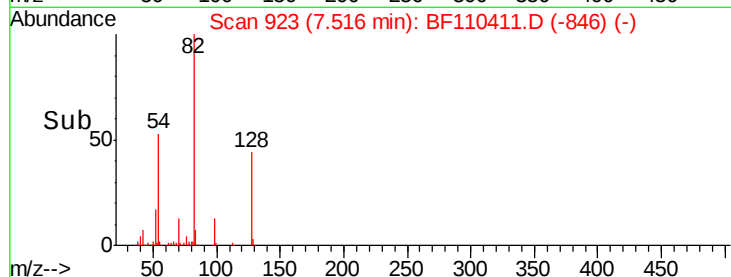
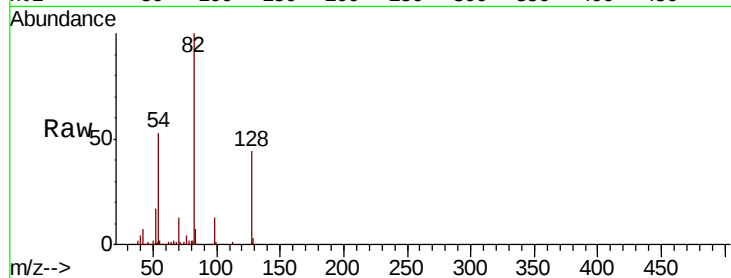




#19
n-Nitroso-di-n-propylamine
Concen: 10.719 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110411.D
Acq: 2 Nov 2018 14:50

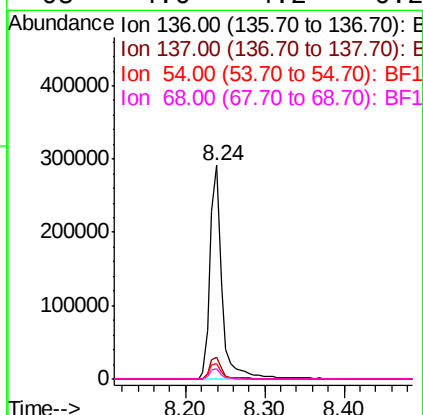
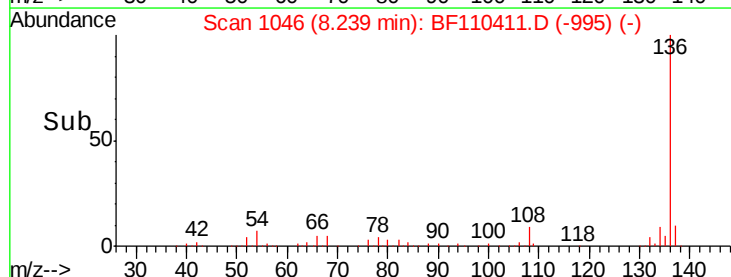
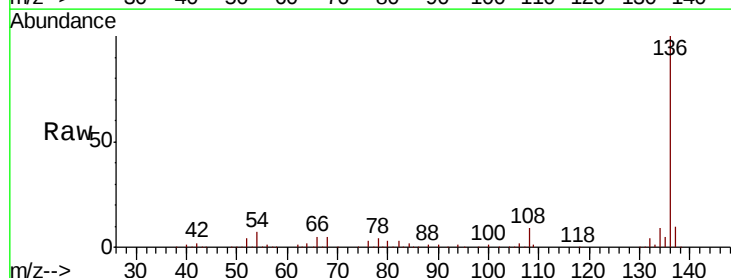
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 41866
Ion Ratio Lower Upper
70 100
42 49.4 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: BF110411.D
Acq: 2 Nov 2018 14:50

Tgt Ion: 136 Resp: 304624
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.1 5.4 8.2
68 4.6 4.2 6.2

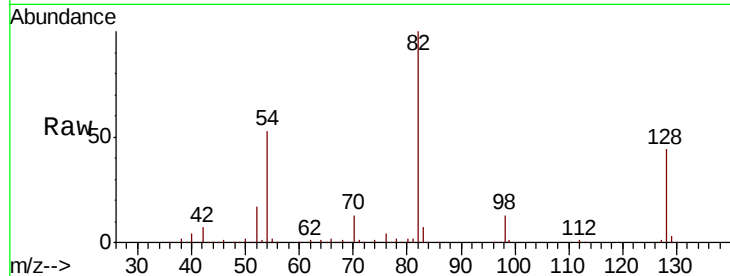




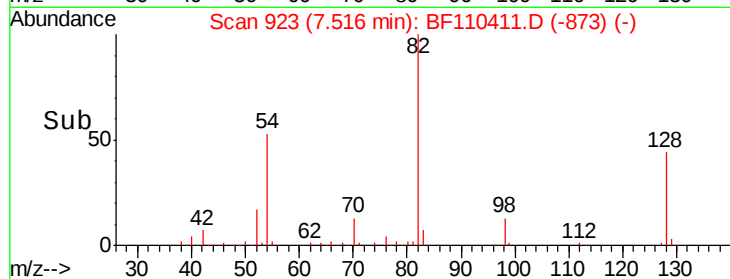
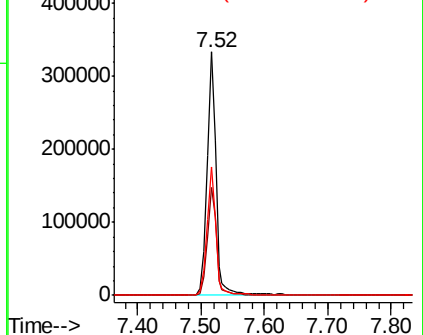
#23
 Nitrobenzene-d5
 Concen: 63.885 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 328105
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.2 51.2
 54 52.7 38.6 58.0

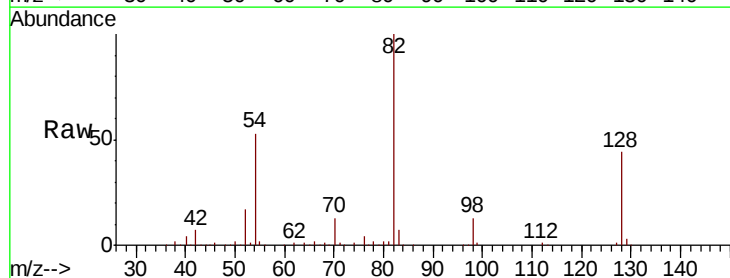


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

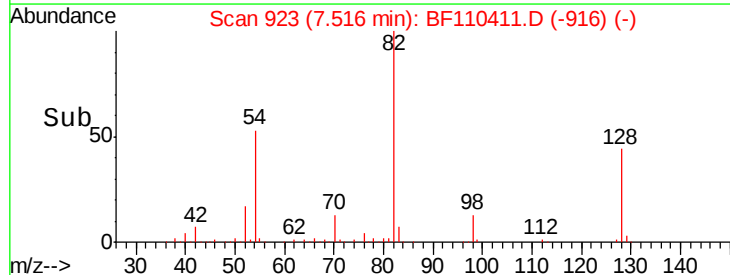
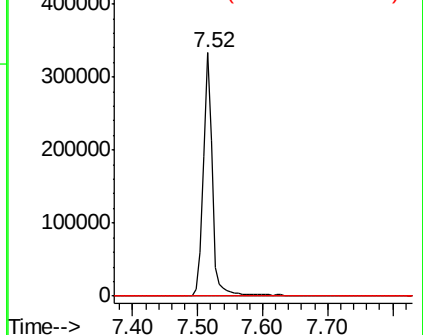


#25
 Isophorone
 Concen: 37.478 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Tgt Ion: 82 Resp: 328103
 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: BF110411.D

Acq: 2 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

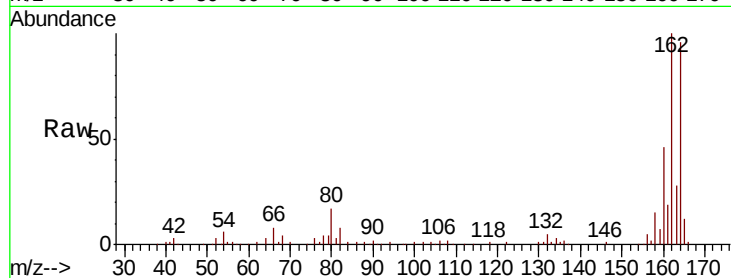
Tot Ion:164 Resp: 123598

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

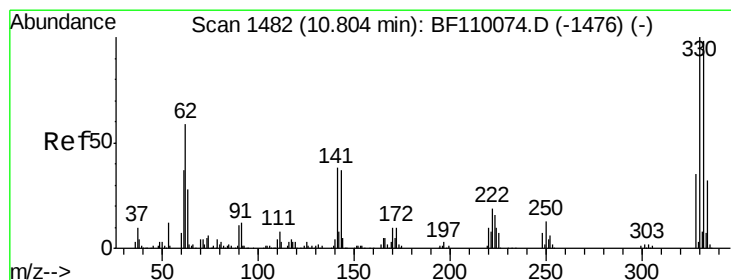
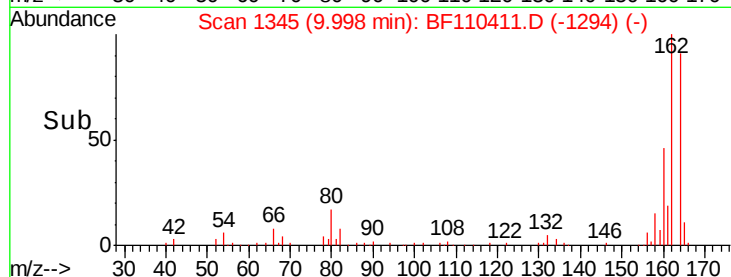
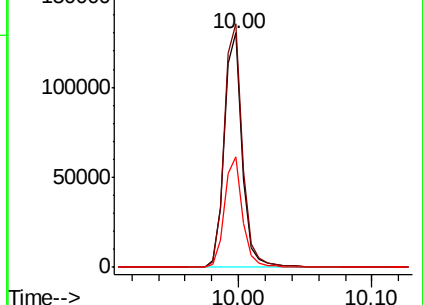
160 47.4 37.0 55.6



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: 78.282 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110411.D

Acq: 2 Nov 2018 14:50

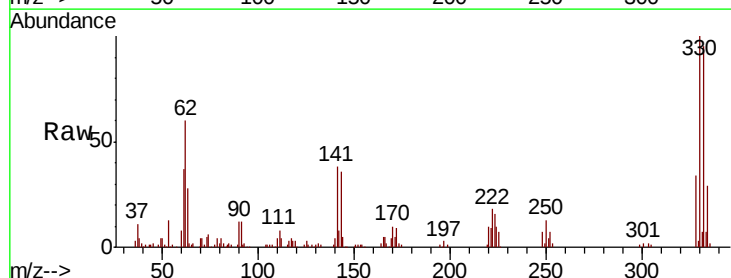
Tgt Ion:330 Resp: 95842

Ion Ratio Lower Upper

330 100

332 94.1 77.1 115.7

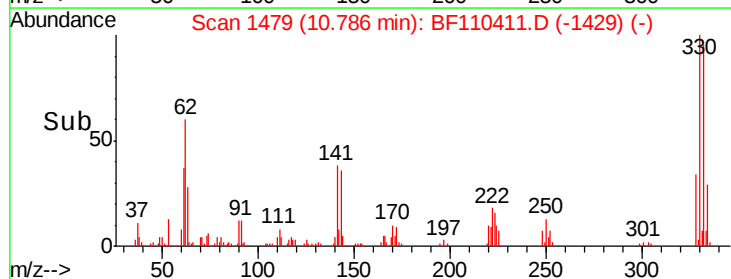
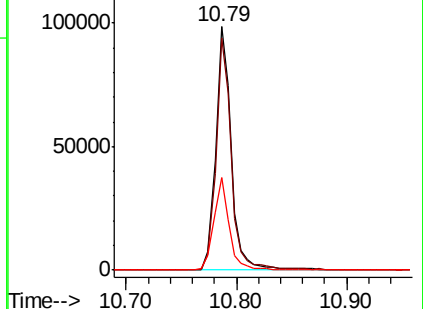
141 36.9 27.0 40.4



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

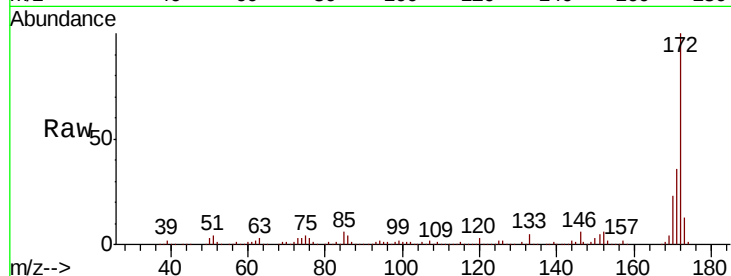




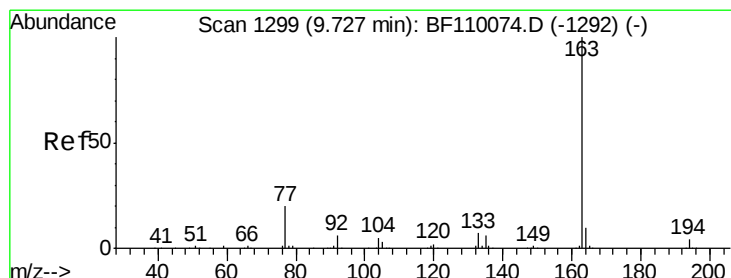
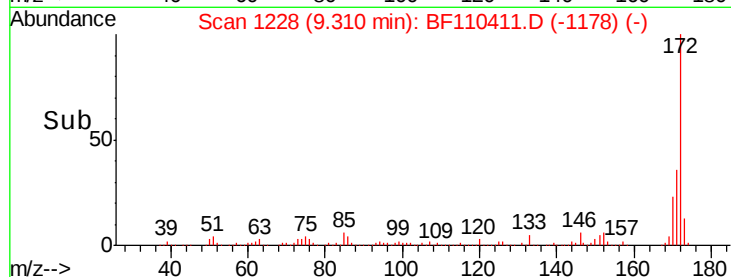
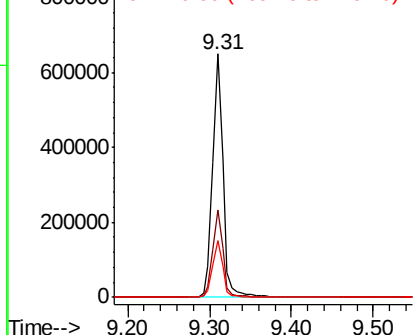
#45
2-Fluorobiphenyl
Concen: 73.224 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110411.D
Acq: 2 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 576356
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.4 19.7 29.5

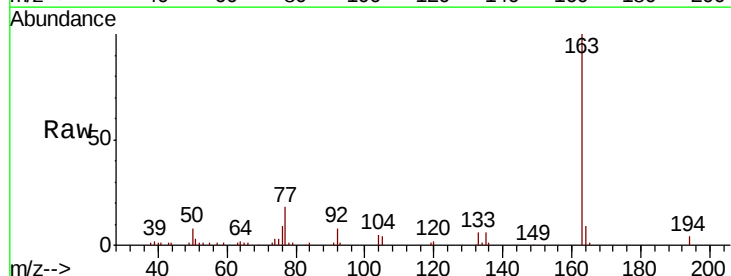


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

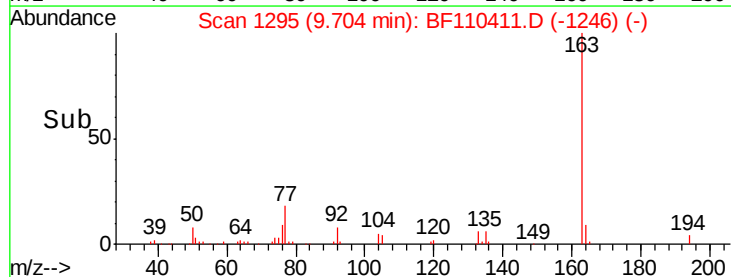
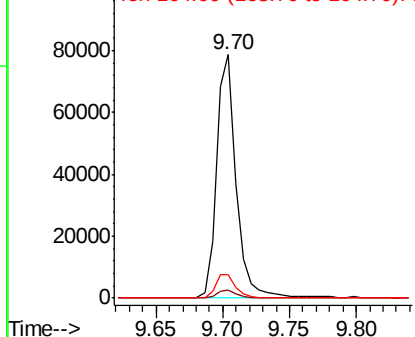


#50
Dimethylphthalate
Concen: 8.944 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110411.D
Acq: 2 Nov 2018 14:50

Tgt Ion:163 Resp: 81604
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.5 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

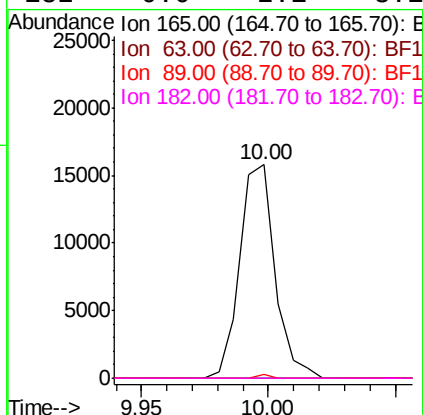
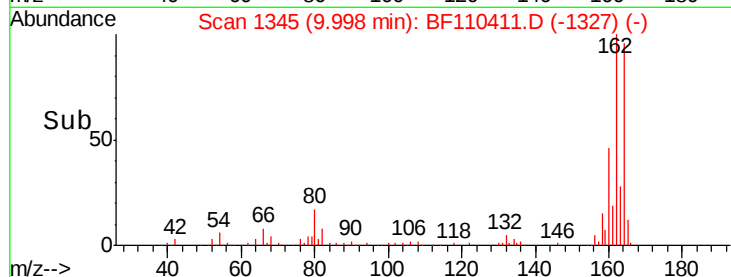
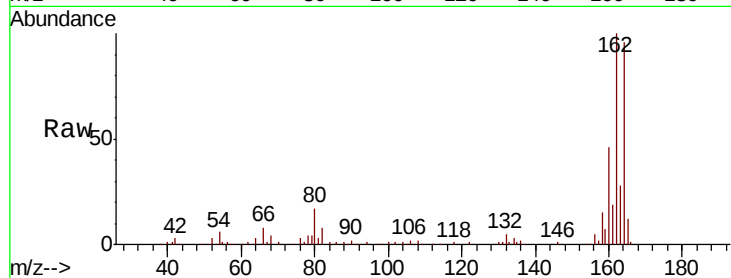




#57
2,4-Dinitrotoluene
Concen: 6.125 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110411.D
Acq: 2 Nov 2018 14:50

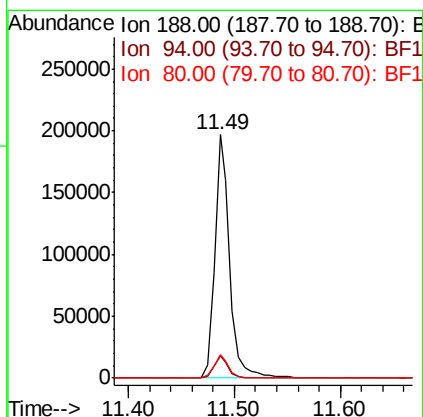
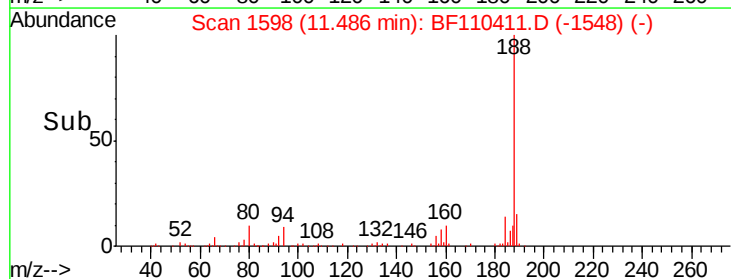
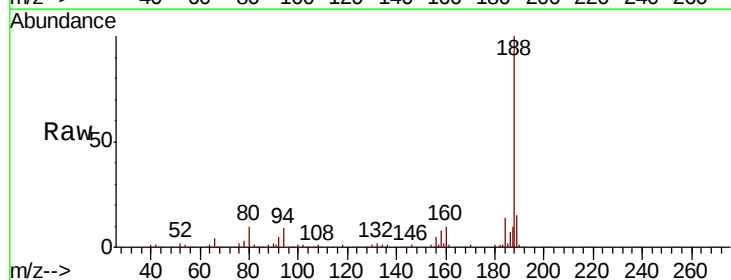
Instrument :
BNA_F
ClientSampleId :

Tot 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#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110411.D
Acq: 2 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.6	7.9	11.9

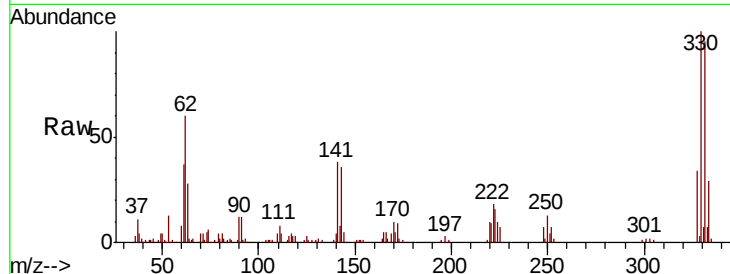




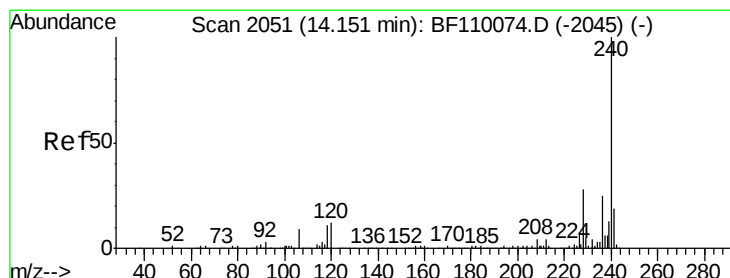
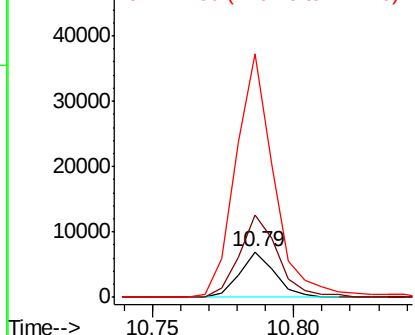
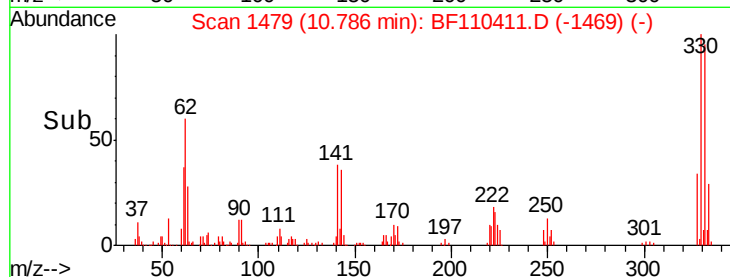
#67
 4-Bromophenyl-phenylether
 Concen: 2.851 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 6065
 Ion Ratio Lower Upper
 248 100
 250 180.6 79.4 119.2#
 141 531.1 55.9 83.9#

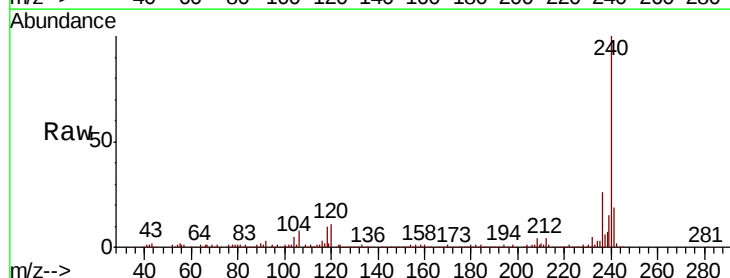


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

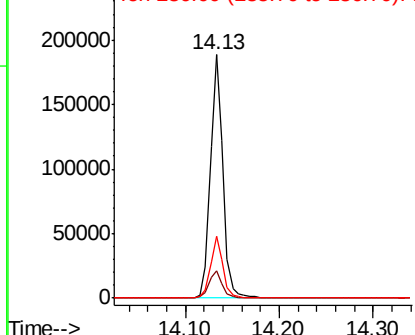
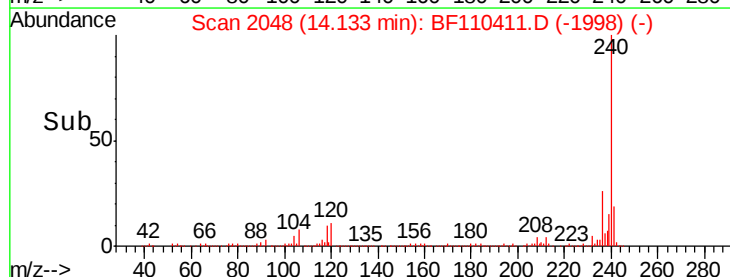


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110411.D
 Acq: 2 Nov 2018 14:50

Tgt Ion:240 Resp: 178624
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.3 12.5
 236 25.6 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: 52.961 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110411.D

Acq: 2 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

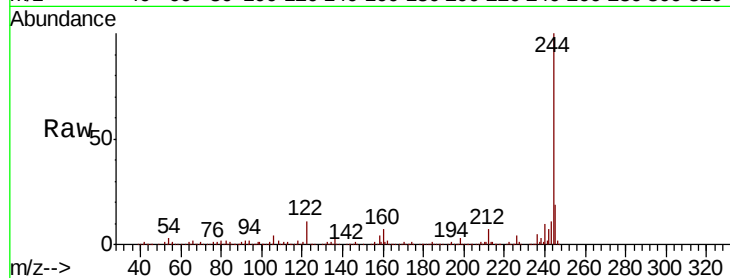
Tot Ion:244 Resp: 454876

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

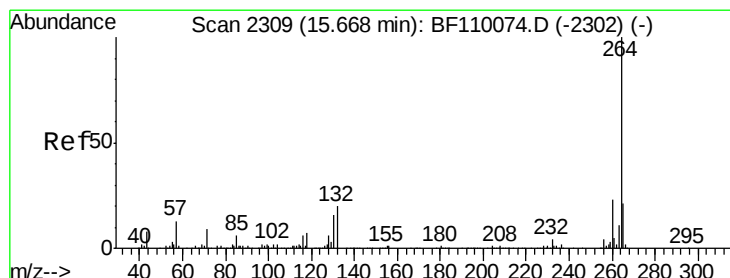
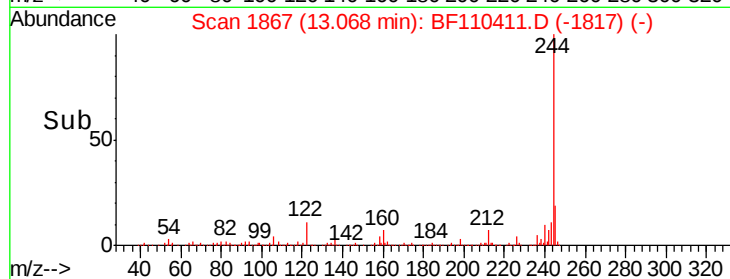
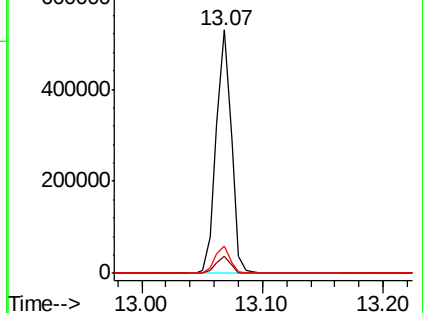
122 11.4 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110411.D

Acq: 2 Nov 2018 14:50

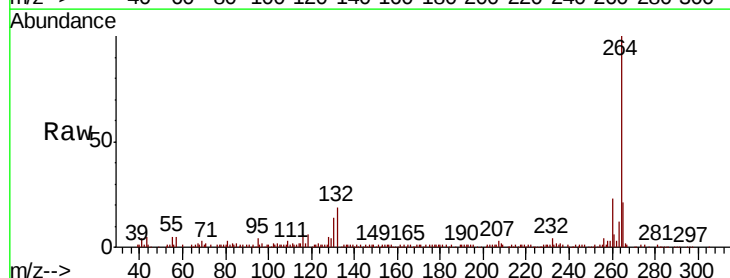
Tgt Ion:264 Resp: 145204

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.9 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

