

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110511.D
 Acq On : 6 Nov 2018 13:24
 Operator : JU/SJ
 Sample : J5827-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 13:59:22 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

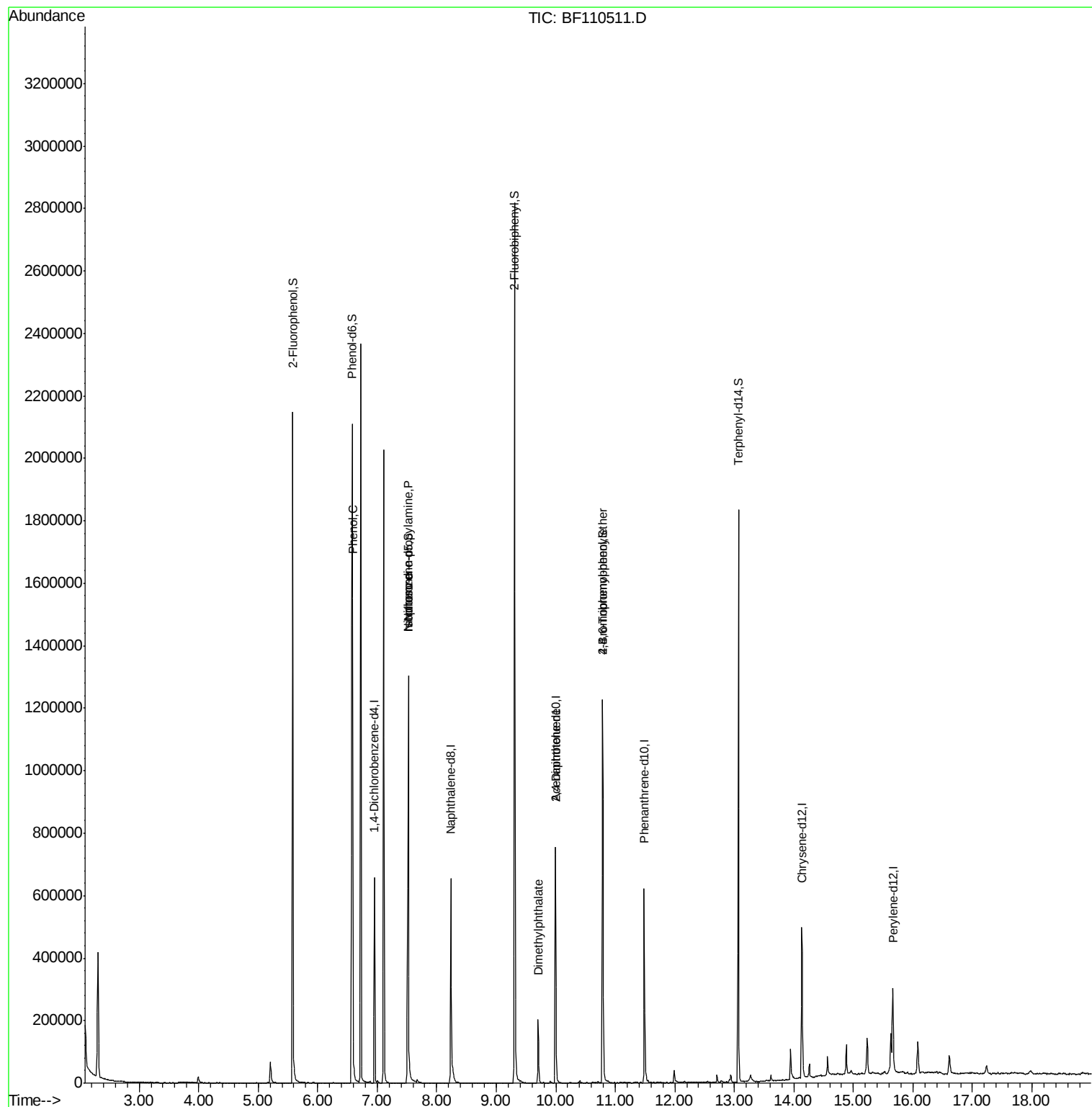
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	99084	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	400200	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	174979	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	276351	20.00	ng	0.00
76) Chrysene-d12	14.13	240	178986	20.00	ng	0.00
87) Perylene-d12	15.66	264	149850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	620902	102.05	ng	0.00
7) Phenol-d6	6.58	99	791207	101.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	497661	73.76	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	151705	87.52	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	869834	78.06	ng	0.00
79) Terphenyl-d14	13.07	244	600740	69.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	1512	Below Cal	Qvalue	# 1
10) Phenol	6.59	94	50569	6.079 ng	#	68
19) n-Nitroso-di-n-propylamine	7.52	70	64719	12.962 ng	#	80
25) Isophorone	7.52	82	497658	43.269 ng	#	67
50) Dimethylphthalate	9.70	163	105252	8.149 ng		99
57) 2,4-Dinitrotoluene	9.99	165	21768	6.160 ng	#	18
67) 4-Bromophenyl-phenylether	10.79	248	9471	3.160 ng	#	1

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

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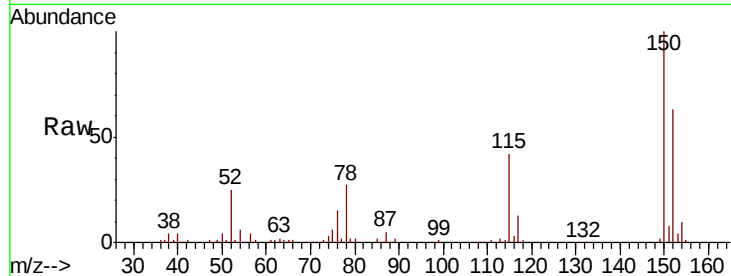


#1

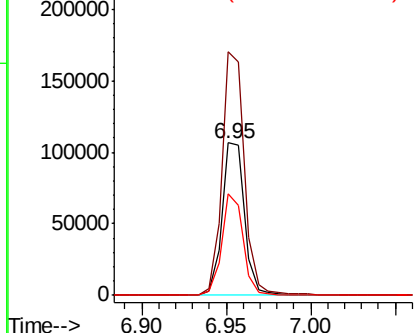
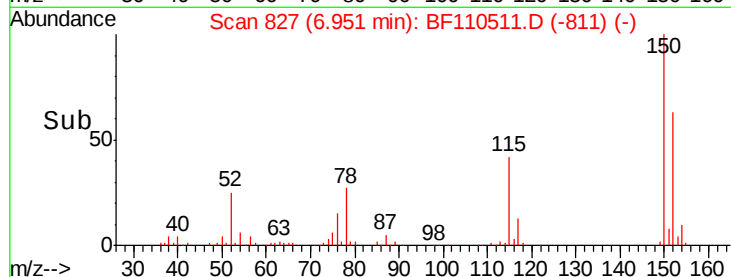
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99084
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 66.5 49.1 73.7



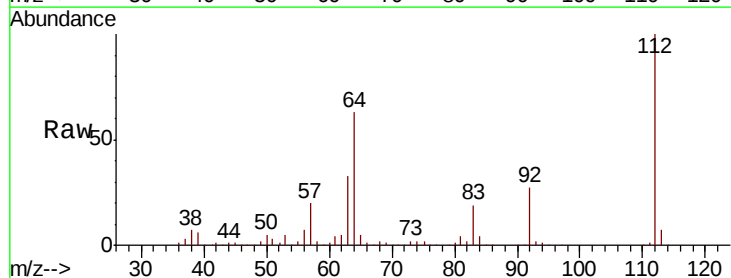
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



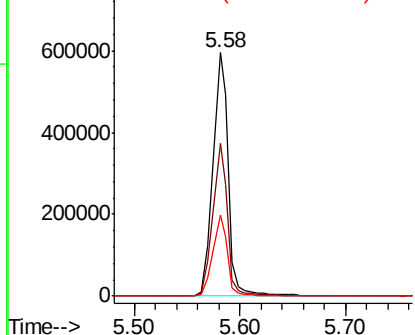
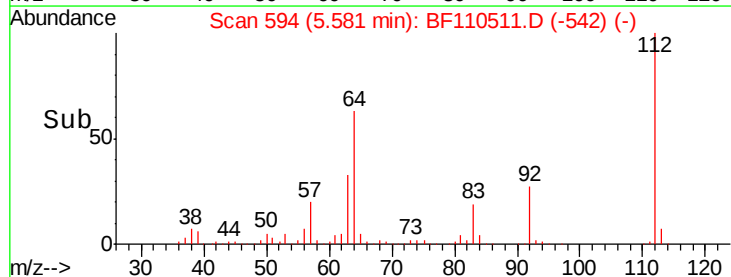
#5

2-Fluorophenol
Concen: 102.046 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

Tgt Ion:112 Resp: 620902
Ion Ratio Lower Upper
112 100
64 62.5 44.1 66.1
63 33.0 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: 101.663 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

Instrument :

BNA_F

ClientSampled :

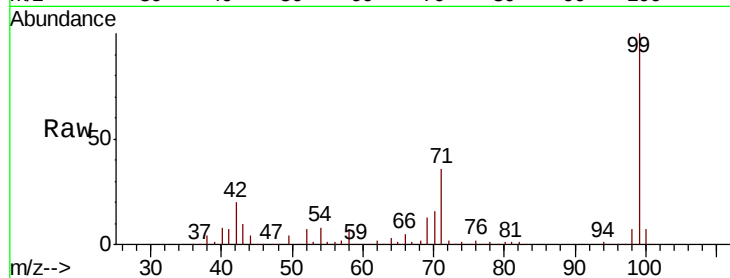
Tot Ion: 99 Resp: 791207

Ion Ratio Lower Upper

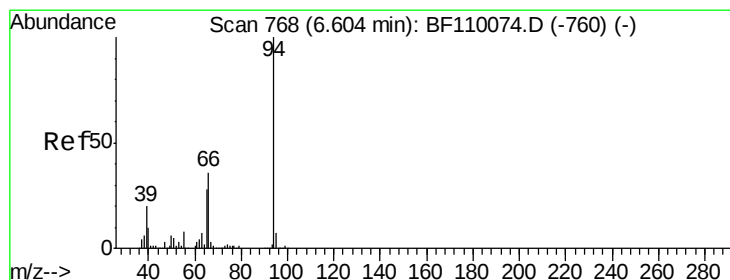
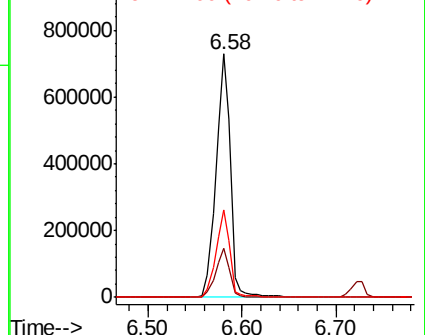
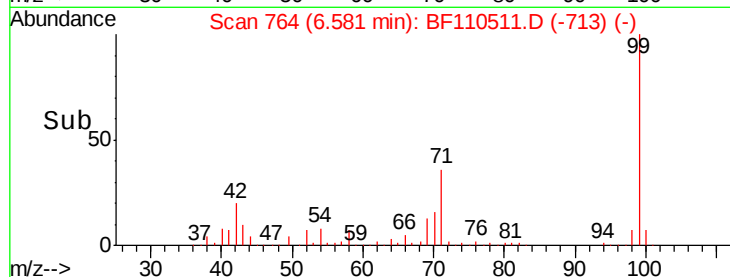
99 100

42 19.9 15.8 23.6

71 35.8 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: 6.079 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

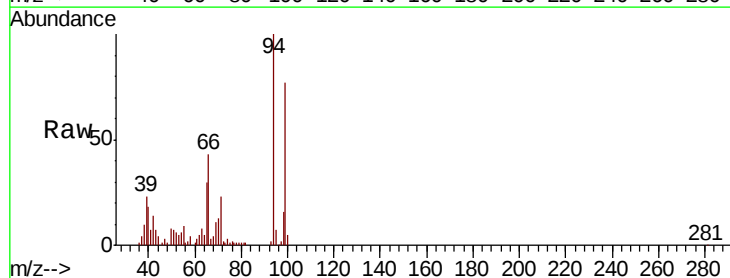
Tgt Ion: 94 Resp: 50569

Ion Ratio Lower Upper

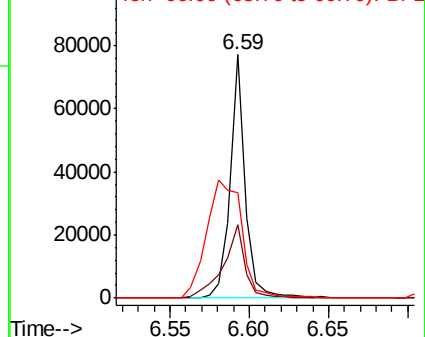
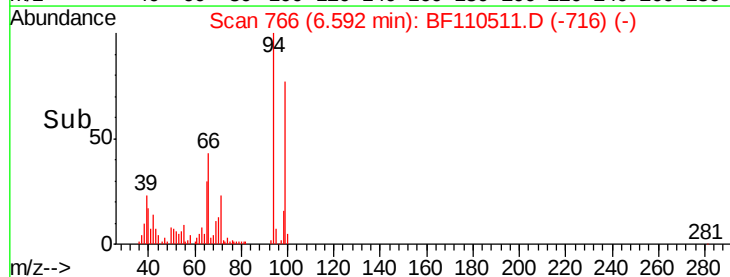
94 100

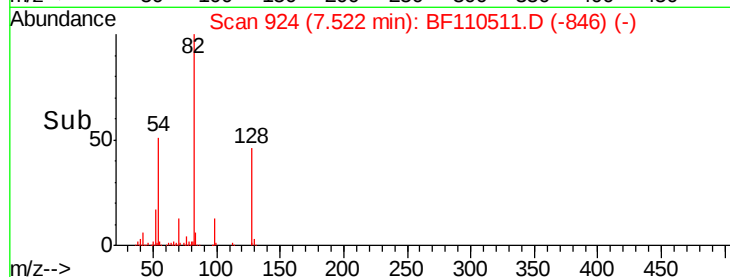
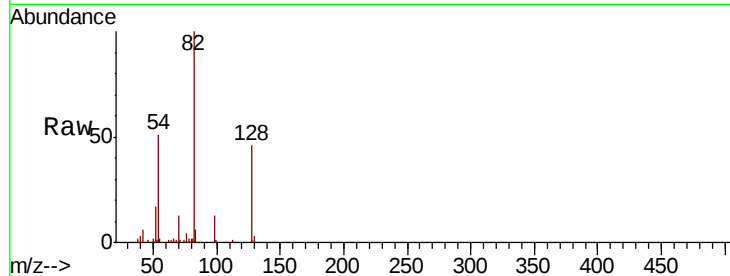
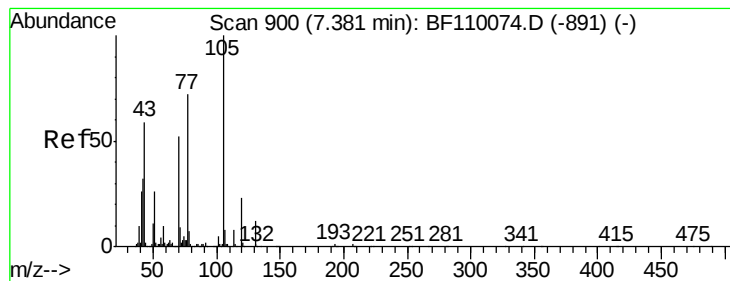
65 30.2 25.3 65.3

66 43.1 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: 12.962 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

Instrument :

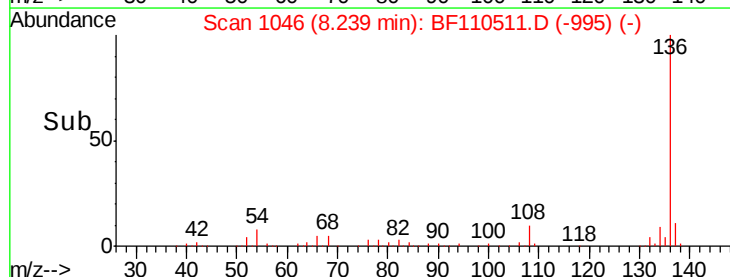
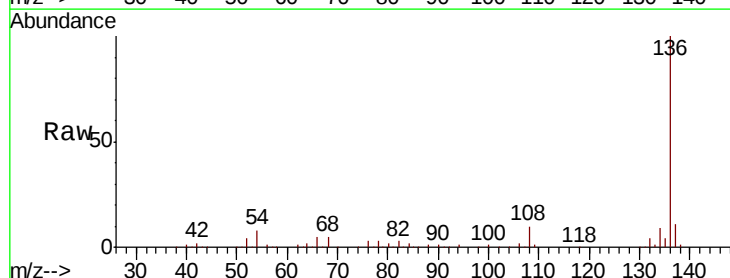
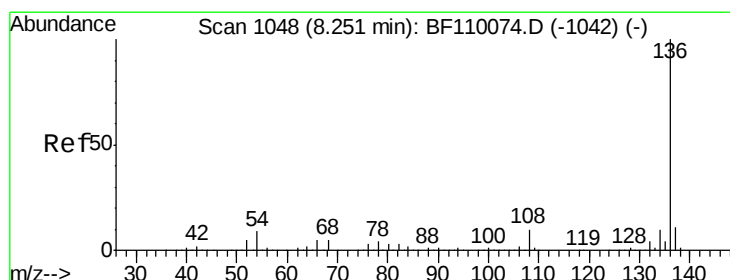
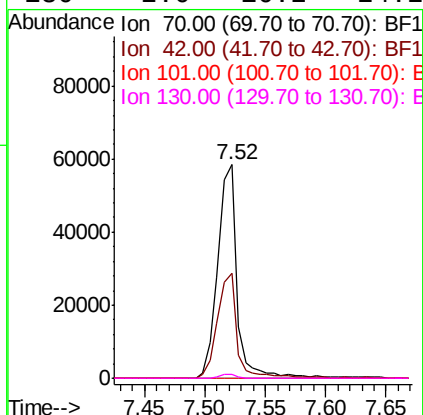
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 64719

Ion Ratio Lower Upper

70	100		
42	49.4	47.4	71.2
101	0.0	7.3	10.9
130	2.0	16.2	24.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

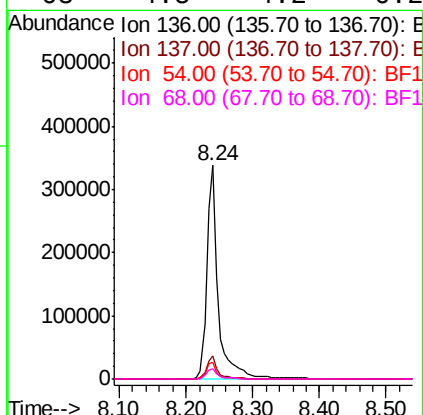
Lab File: BF110511.D

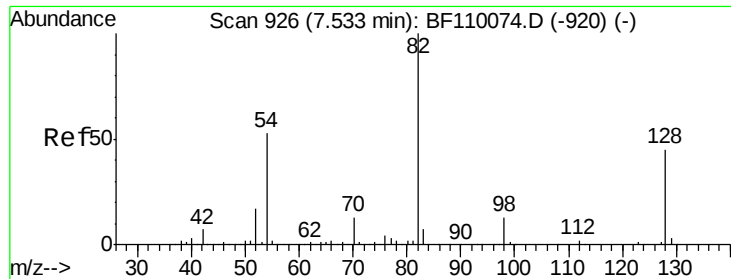
Acq: 6 Nov 2018 13:24

Tgt Ion: 136 Resp: 400200

Ion Ratio Lower Upper

136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	4.5	4.2	6.2

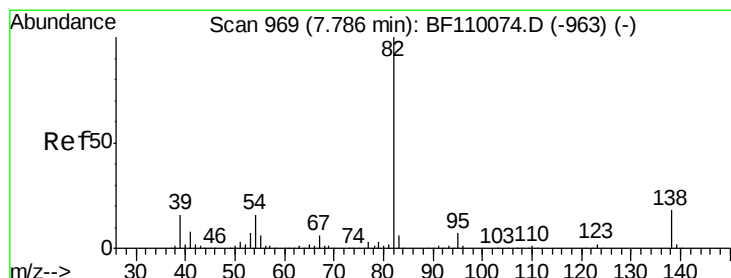
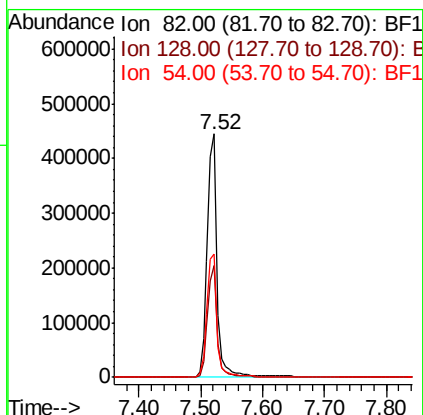
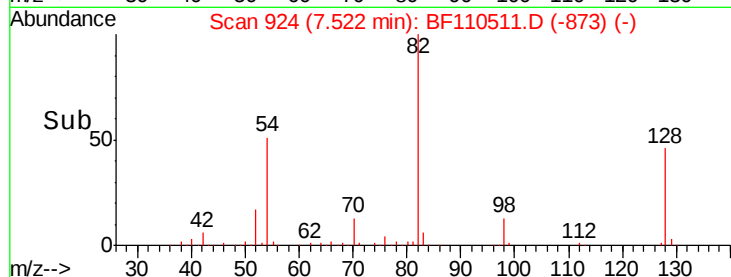
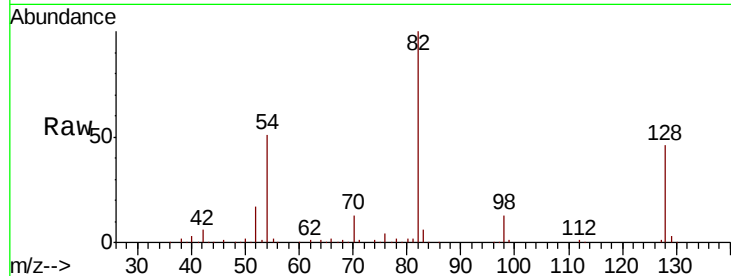




#23
Nitrobenzene-d5
Concen: 73.758 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

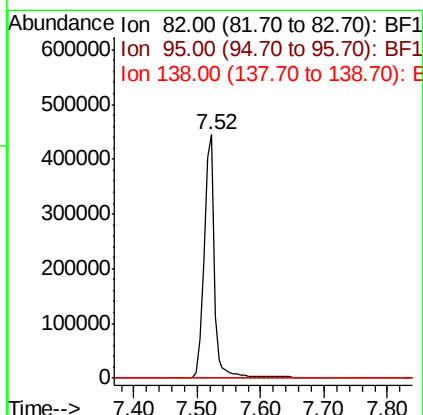
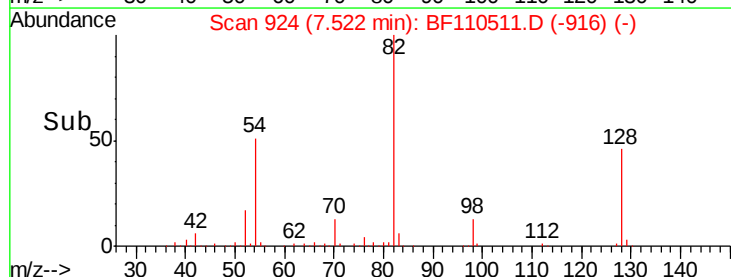
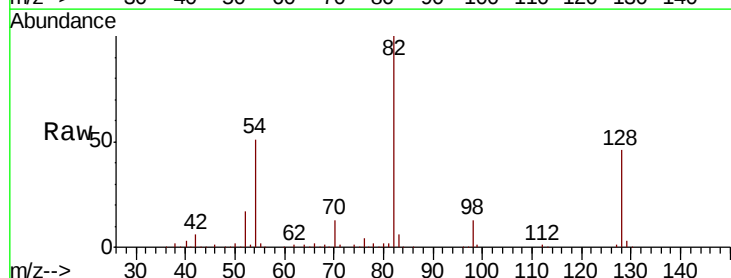
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 497661
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.2
54 50.7 38.6 58.0



#25
Isophorone
Concen: 43.269 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

Tgt Ion: 82 Resp: 497658
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

Instrument :

BNA_F

ClientSampleId :

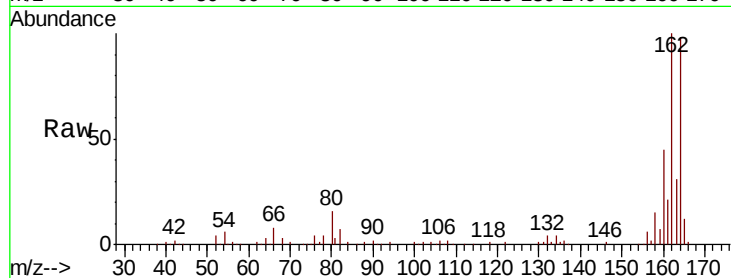
Tot Ion:164 Resp: 174979

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

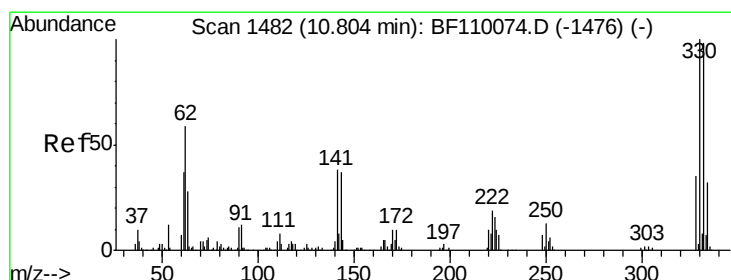
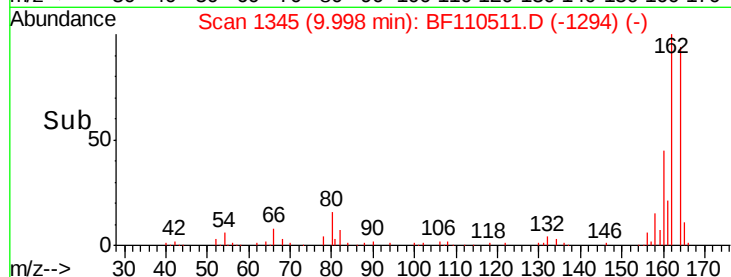
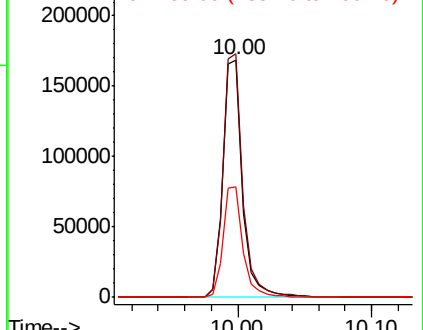
160 46.4 37.0 55.6



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: 87.525 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

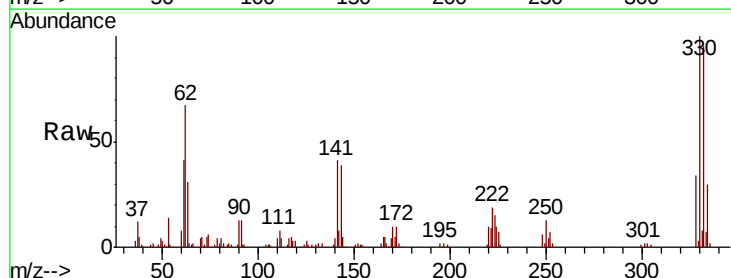
Tgt Ion:330 Resp: 151705

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

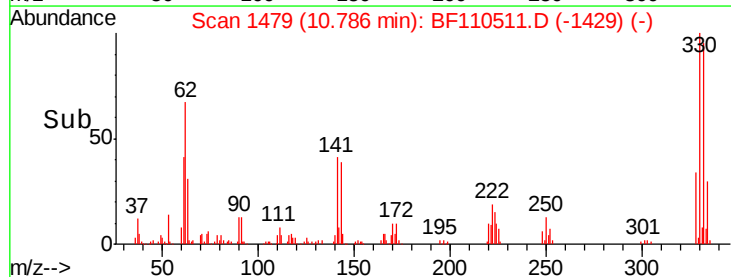
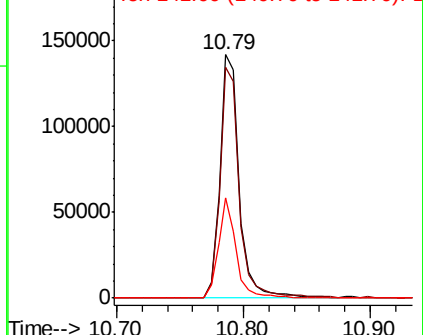
141 37.7 27.0 40.4



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

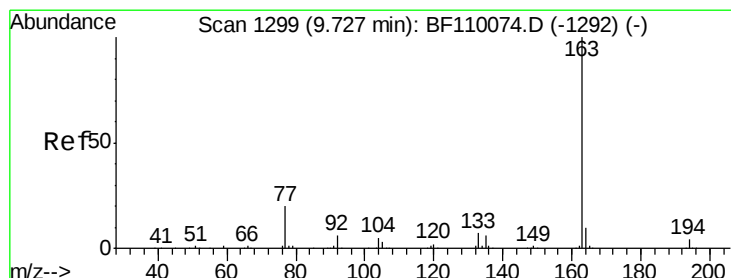
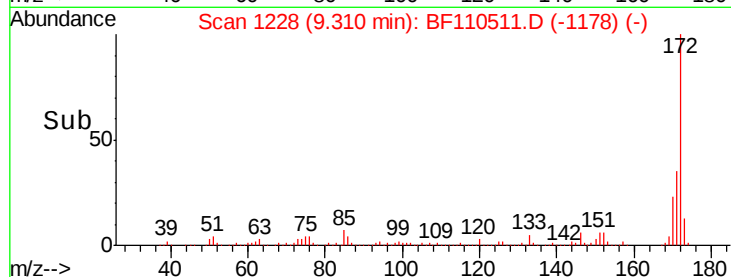
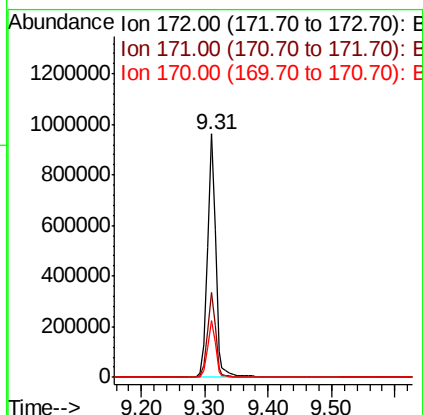
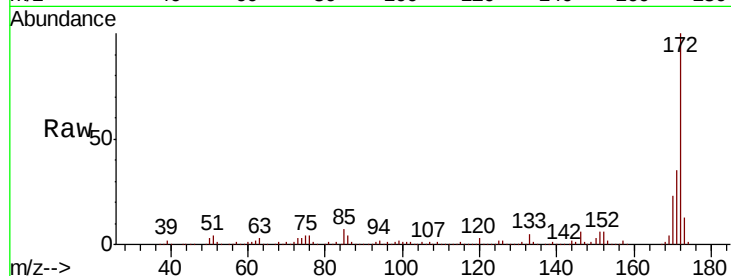




#45
2-Fluorobiphenyl
Concen: 78.059 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

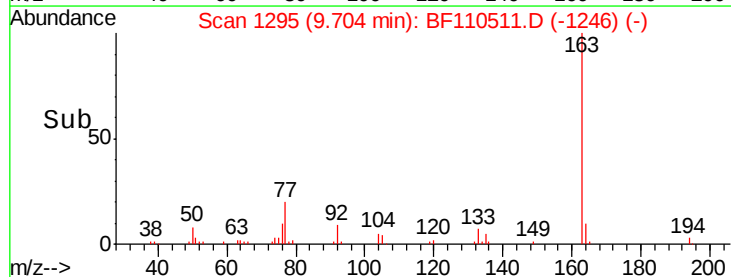
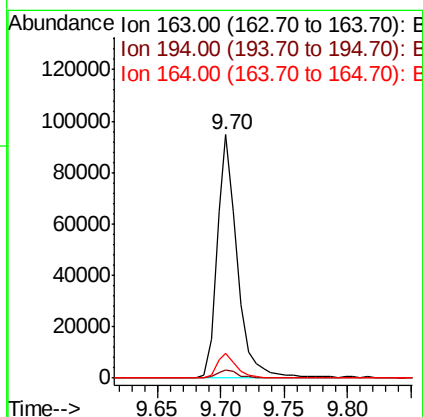
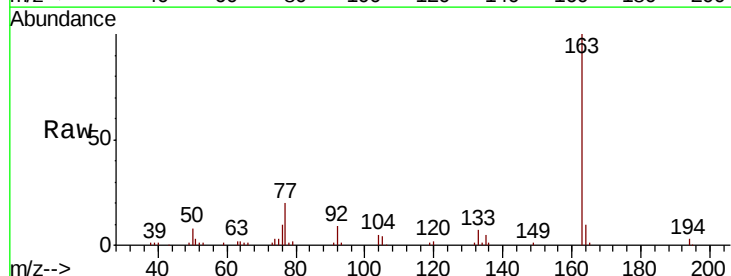
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 869834
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 19.7 29.5



#50
Dimethylphthalate
Concen: 8.149 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110511.D
Acq: 6 Nov 2018 13:24

Tgt Ion:163 Resp: 105252
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.0 8.1 12.1

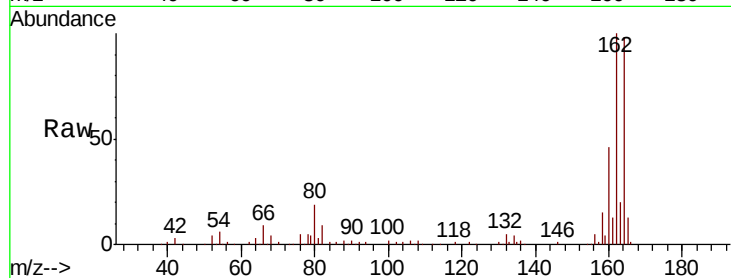




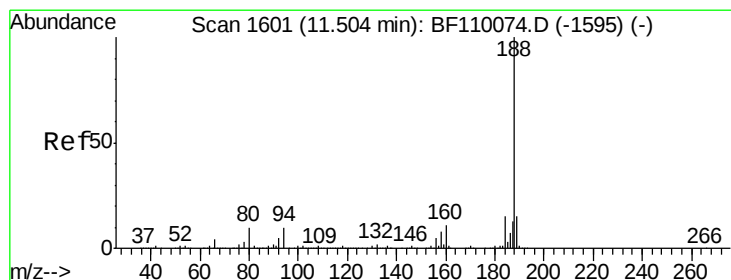
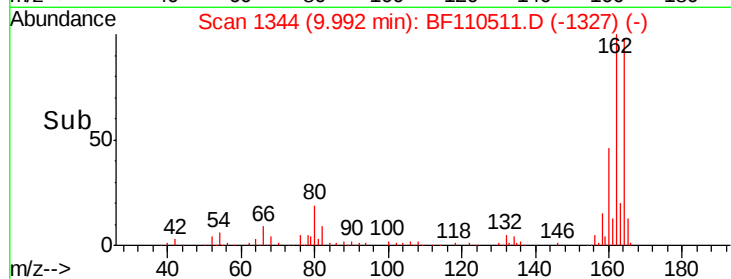
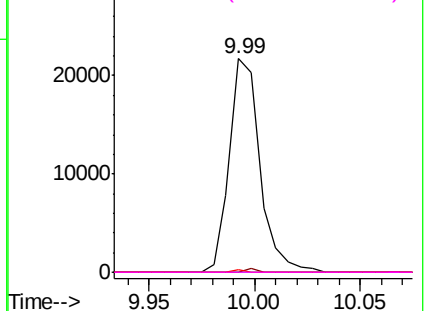
#57
 2,4-Dinitrotoluene
 Concen: 6.160 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.20 min
 Lab File: BF110511.D
 Acq: 6 Nov 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21768
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	1.4	62.2 93.4#
182	0.0	2.1 3.1#

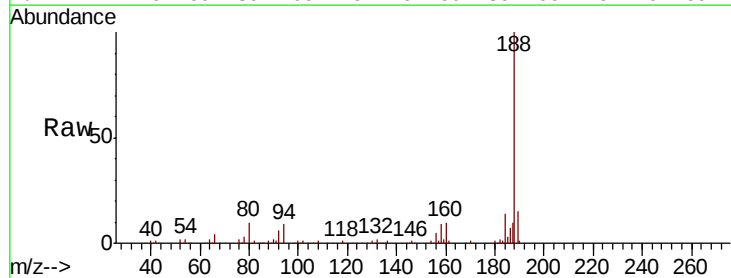


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

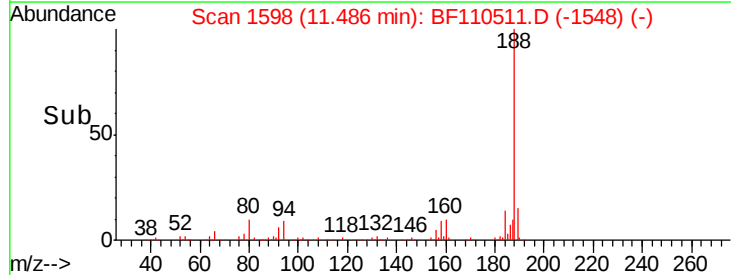
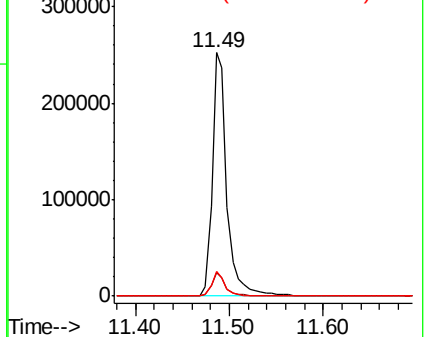


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110511.D
 Acq: 6 Nov 2018 13:24

Tgt Ion:188	Resp:	276351
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.2 10.8
80	9.9	7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

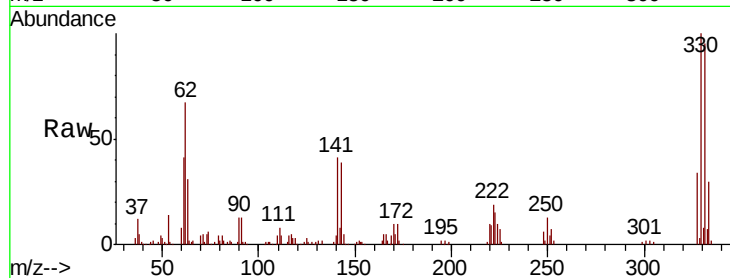




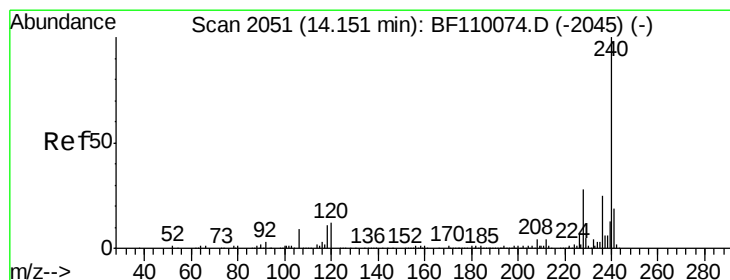
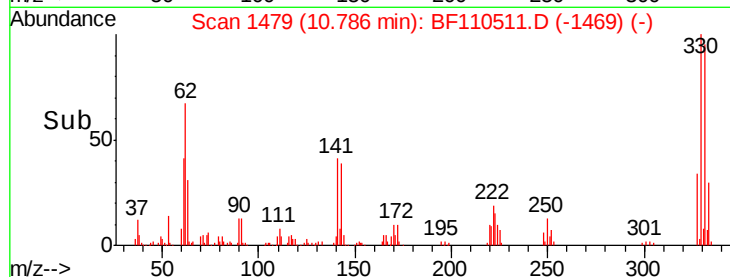
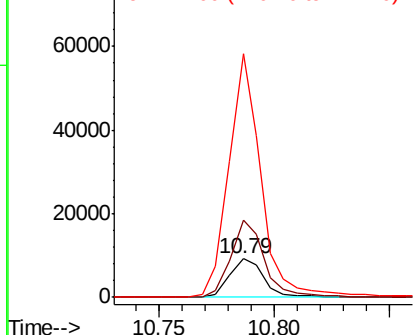
#67
 4-Bromophenyl-phenylether
 Concen: 3.160 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110511.D
 Acq: 6 Nov 2018 13:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9471
 Ion Ratio Lower Upper
 248 100
 250 202.8 79.4 119.2#
 141 636.7 55.9 83.9#

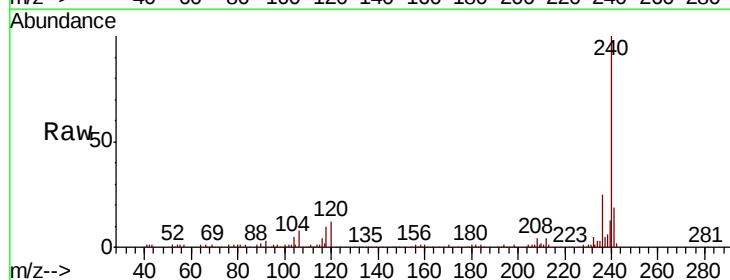


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

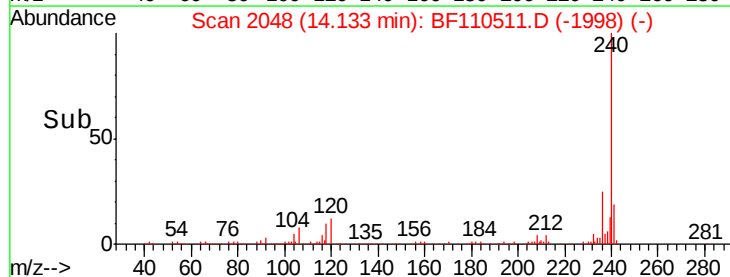
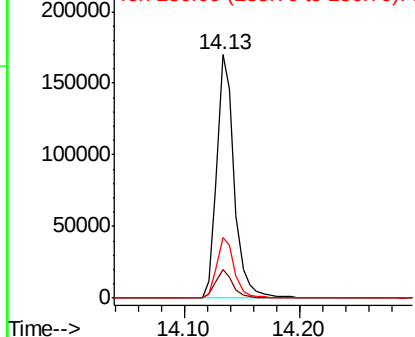


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110511.D
 Acq: 6 Nov 2018 13:24

Tgt Ion:240 Resp: 178986
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.3 12.5
 236 24.7 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: 69.802 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

Instrument :

BNA_F

ClientSampleId :

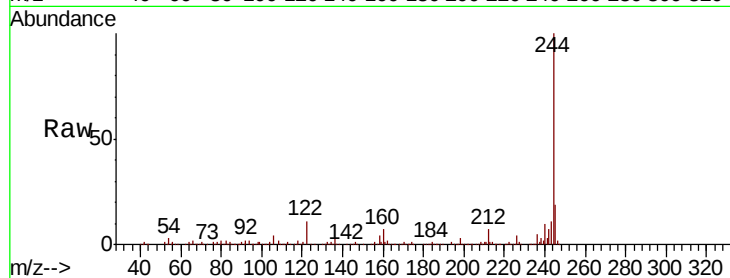
Tot Ion:244 Resp: 600740

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

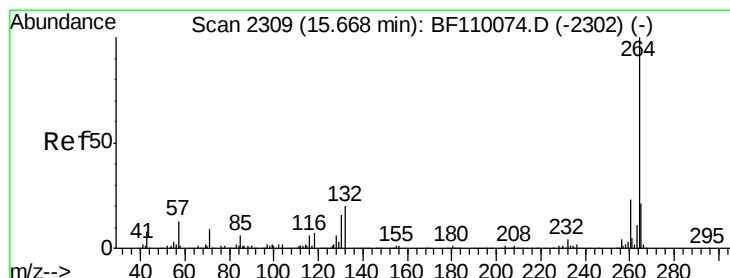
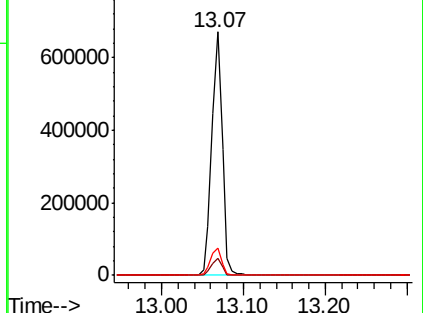
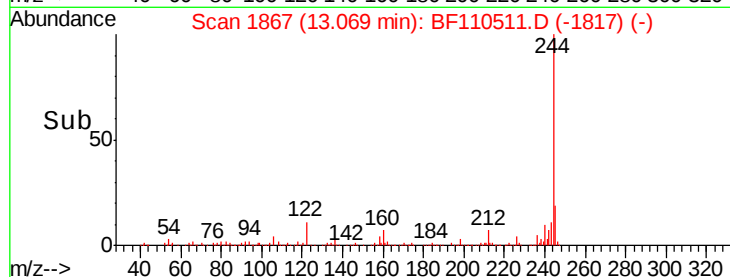
122 11.3 8.7 13.1



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# 2308

Delta R.T. 0.01 min

Lab File: BF110511.D

Acq: 6 Nov 2018 13:24

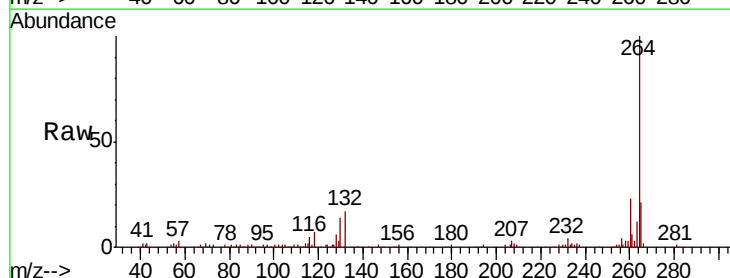
Tgt Ion:264 Resp: 149850

Ion Ratio Lower Upper

264 100

260 22.6 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

