

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110437.D
 Acq On : 3 Nov 2018 2:54
 Operator : JU/SJ
 Sample : J5734-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 04:18:41 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	90161	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	339900	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	134077	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	216578	20.00	ng	0.00
76) Chrysene-d12	14.13	240	145105	20.00	ng	0.00
87) Perylene-d12	15.66	264	103336	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	583496	105.39	ng	0.01
7) Phenol-d6	6.59	99	721453	101.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	435182	75.94	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	118346	89.11	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	728965	85.37	ng	0.00
79) Terphenyl-d14	13.07	244	534973	76.67	ng	0.00

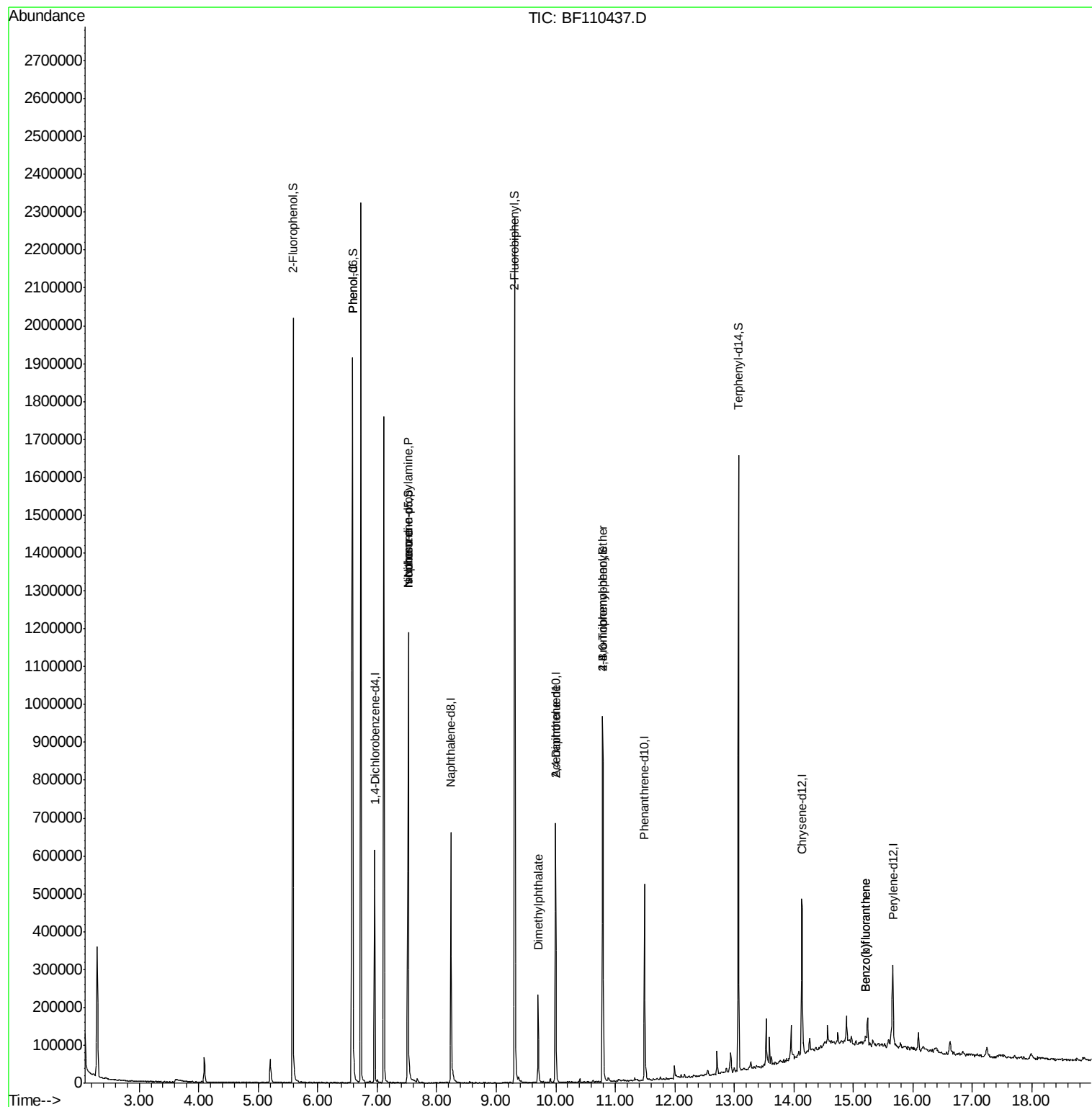
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	1336	Below Cal		# 1
10) Phenol	6.59	94	46919	6.198	ng	# 74
19) n-Nitroso-di-n-propylamine	7.52	70	56367	12.407	ng	# 77
25) Isophorone	7.52	82	435179	44.550	ng	# 67
50) Dimethylphthalate	9.70	163	102695	10.376	ng	# 98
57) 2,4-Dinitrotoluene	10.00	165	16745	6.184	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	7423	3.160	ng	# 1
88) Benzo(b)fluoranthene	15.21	252	12888	2.160	ng	# 69
89) Benzo(k)fluoranthene	15.21	252	12888	2.197	ng	# 68

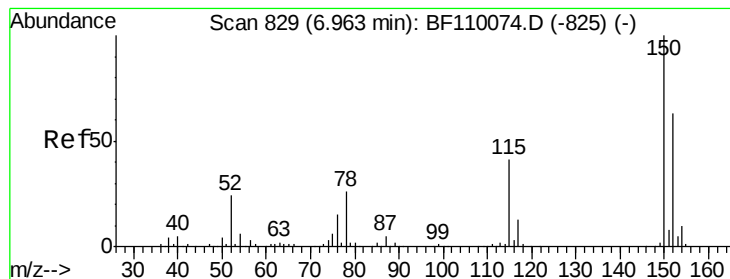
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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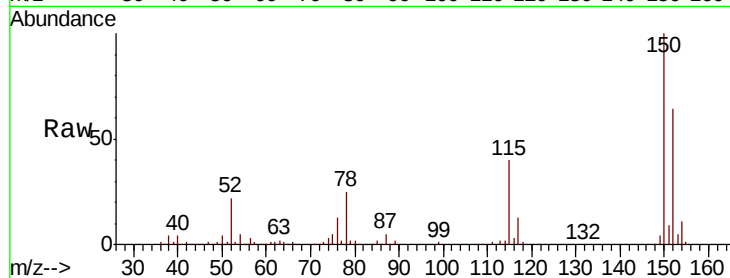


#1

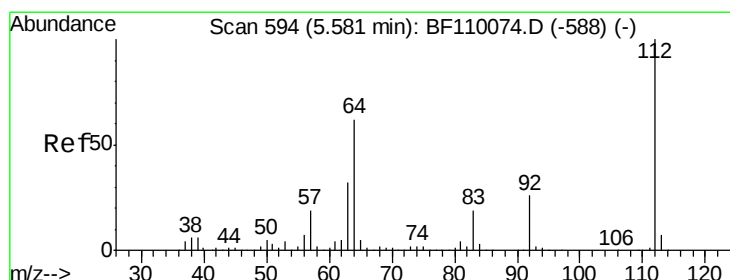
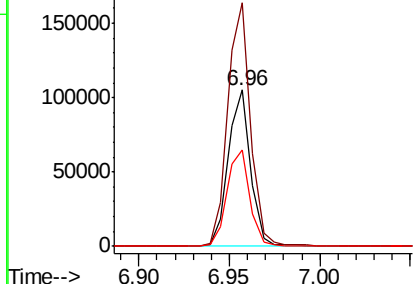
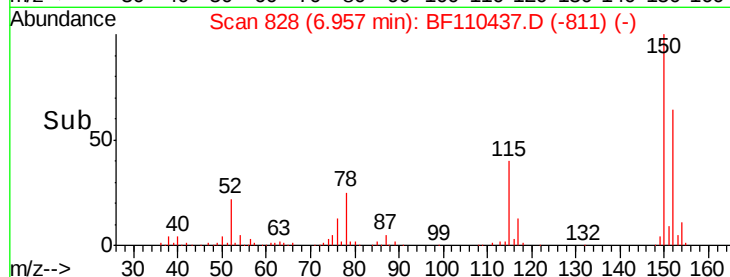
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	62.1	49.1	73.7



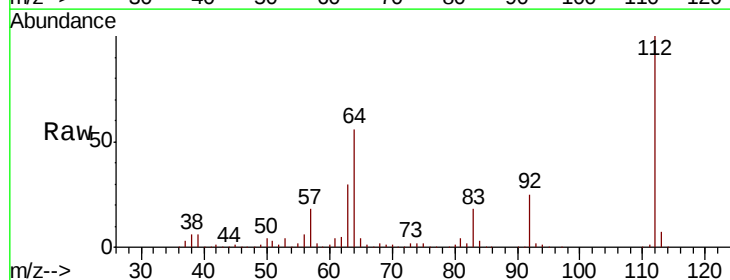
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



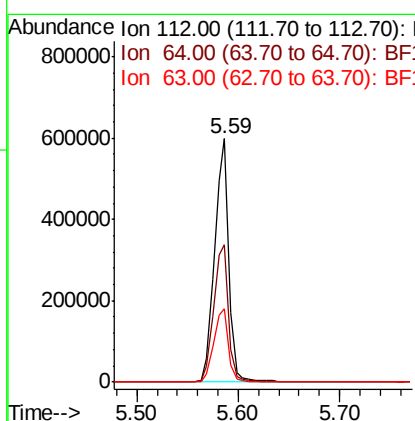
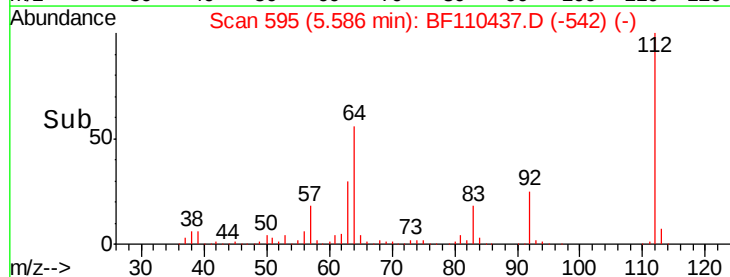
#5

2-Fluorophenol
Concen: 105.389 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	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: 101.875 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

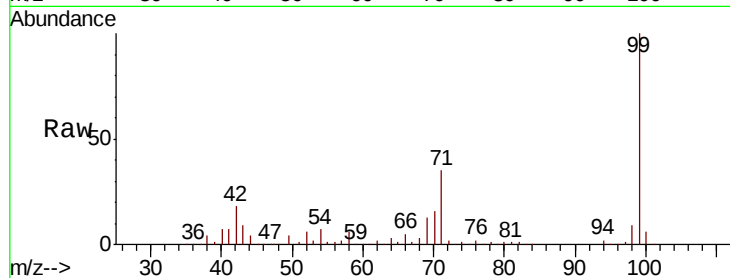
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 721453

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.8	23.6
71	34.6	28.0	42.0

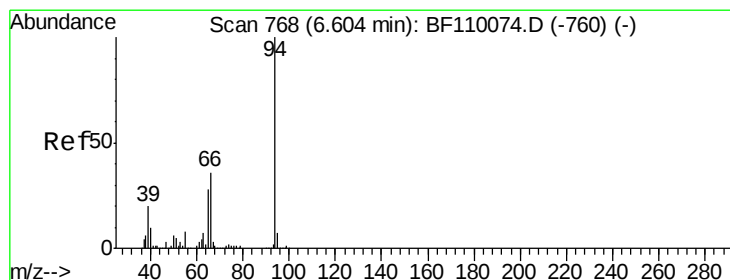
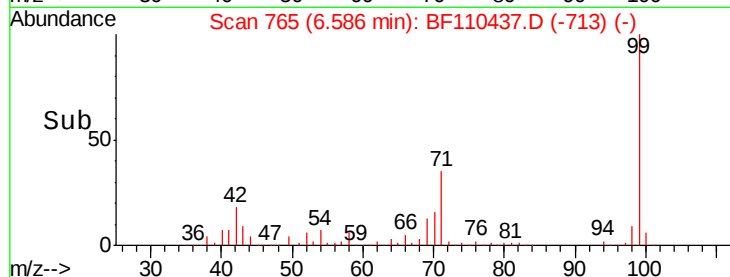
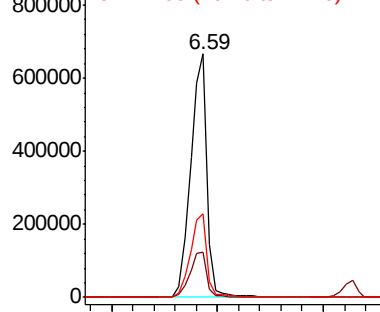


Abundance

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: 6.198 ng

RT: 6.59 min Scan# 766

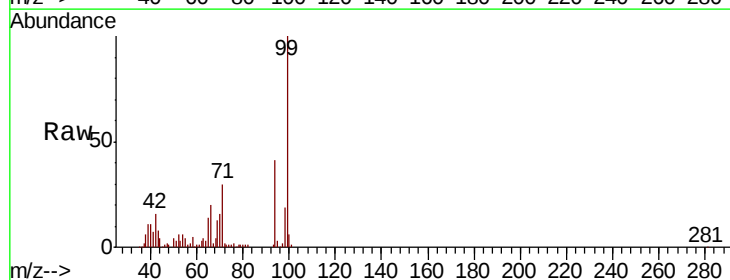
Delta R.T. -0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Tgt Ion: 94 Resp: 46919

Ion	Ratio	Lower	Upper
94	100		
65	32.9	25.3	65.3
66	48.9	54.5	94.5#

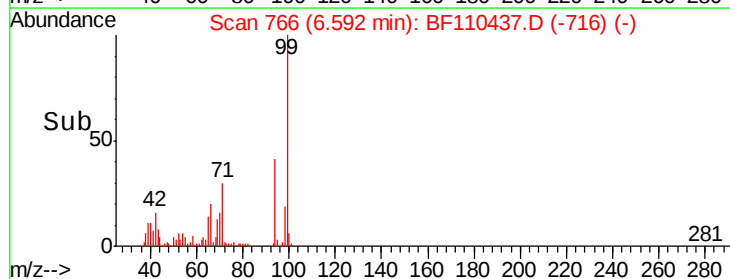
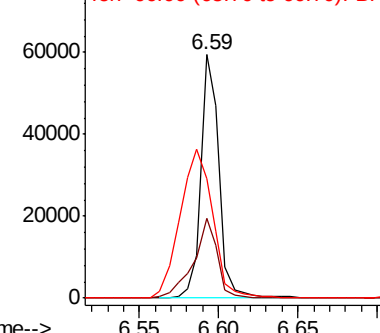


Abundance

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

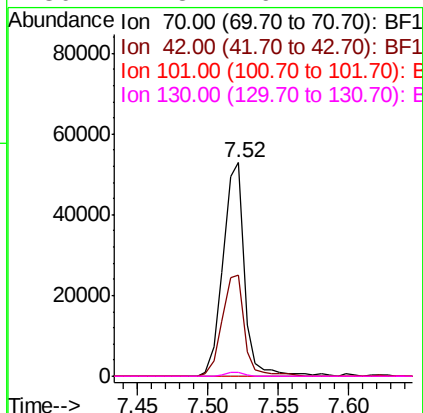
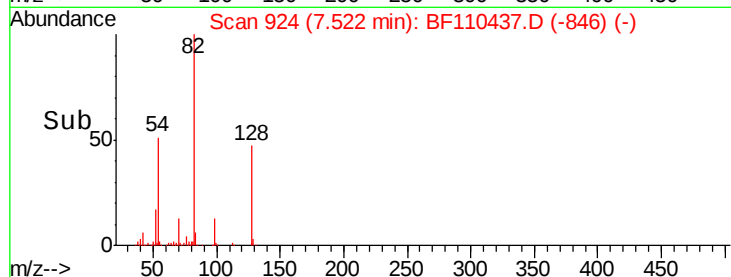
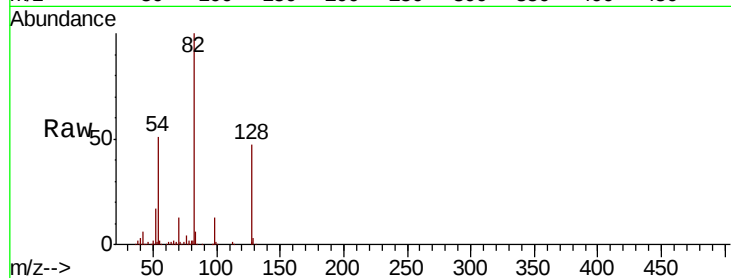




#19
n-Nitroso-di-n-propylamine
Concen: 12.407 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

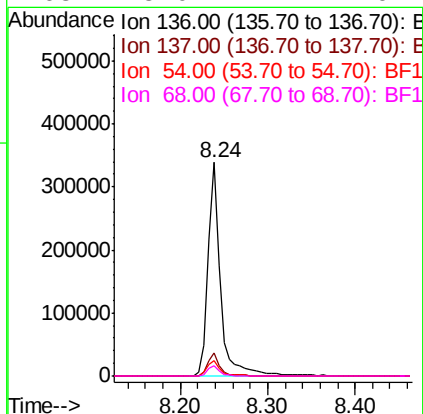
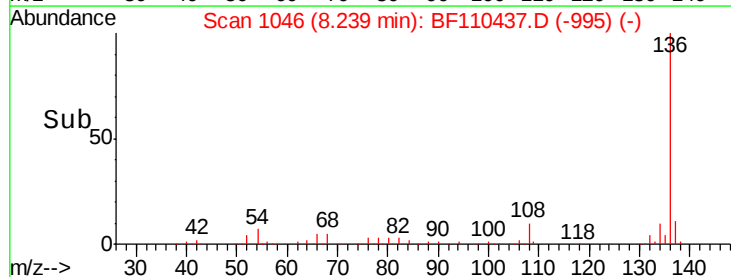
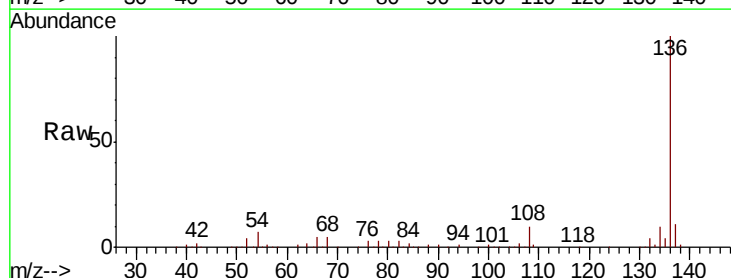
Instrument :
BNA_F
ClientSampleId :

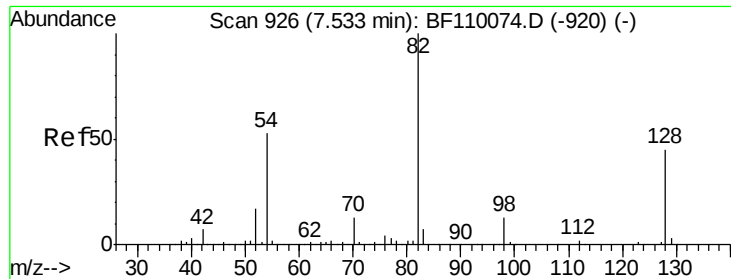
Tot Ion: 70 Resp: 56367
Ion Ratio Lower Upper
70 100
42 47.1 47.4 71.2#
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion: 136 Resp: 339900
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.2 5.4 8.2
68 5.0 4.2 6.2

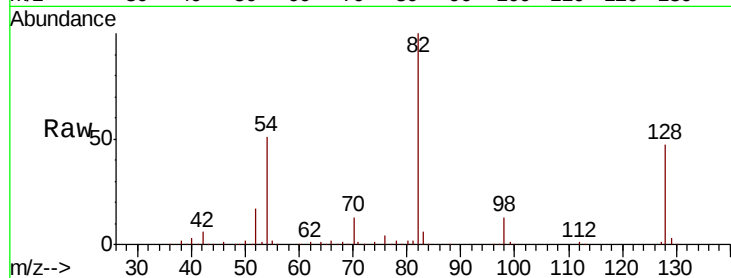




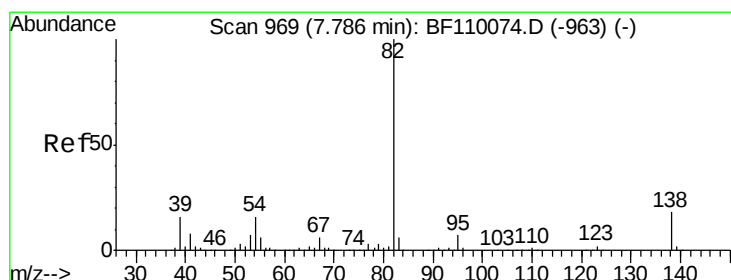
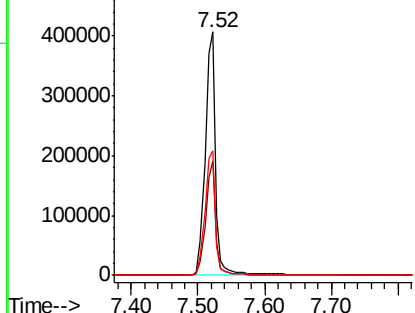
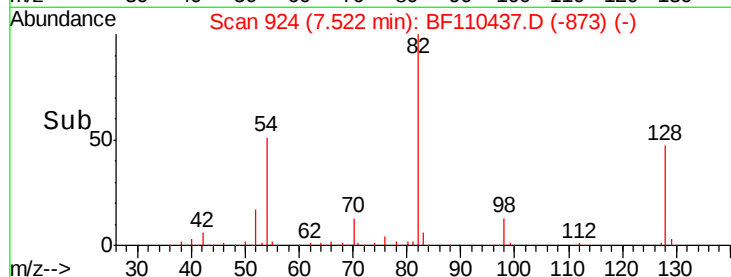
#23
Nitrobenzene-d5
Concen: 75.940 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 435182
Ion Ratio Lower Upper
82 100
128 46.9 34.2 51.2
54 51.0 38.6 58.0

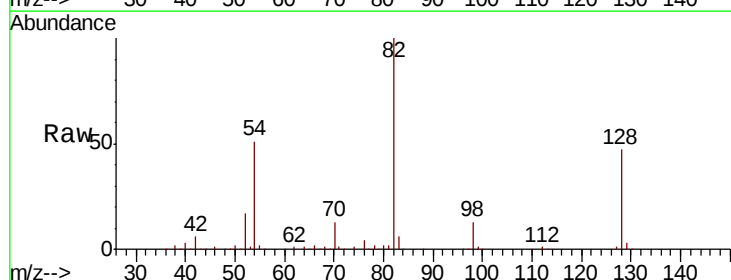


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

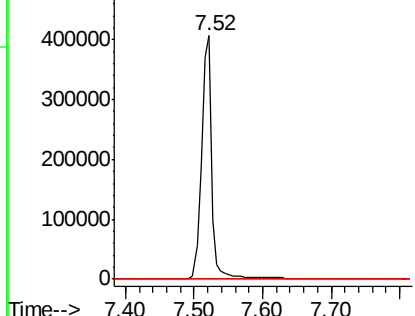
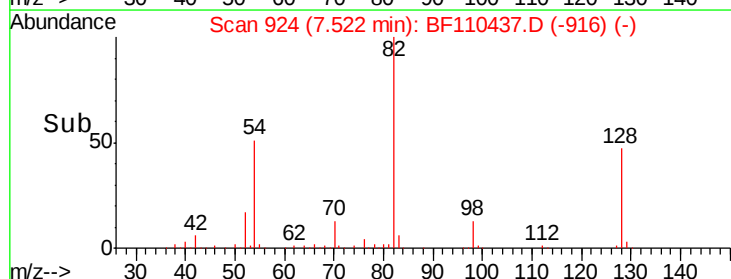


#25
Isophorone
Concen: 44.550 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion: 82 Resp: 435179
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: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampleId :

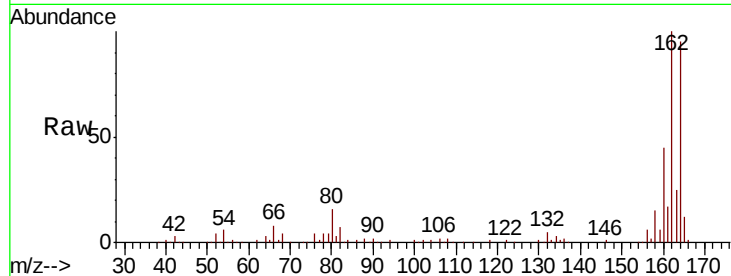
Tot Ion:164 Resp: 134077

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

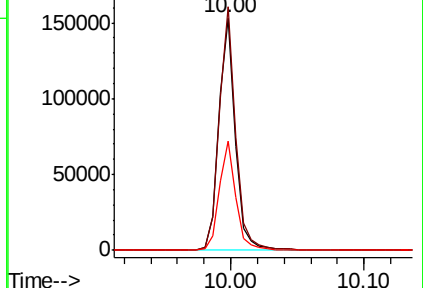
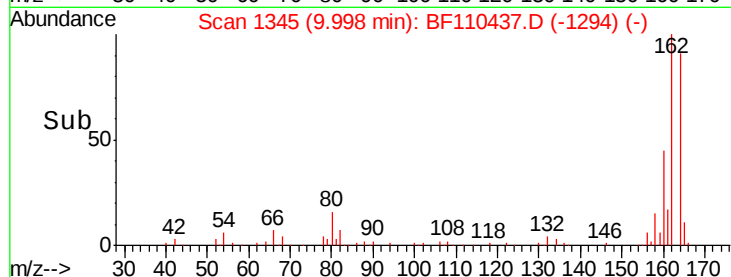
160 46.8 37.0 55.6



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: 89.108 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

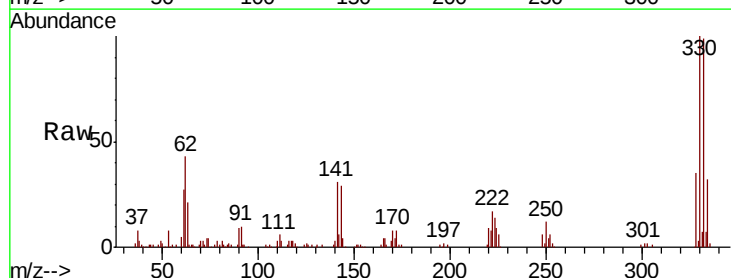
Tgt Ion:330 Resp: 118346

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

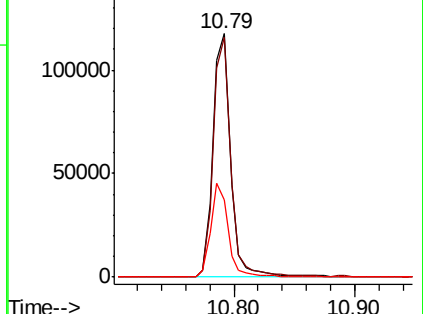
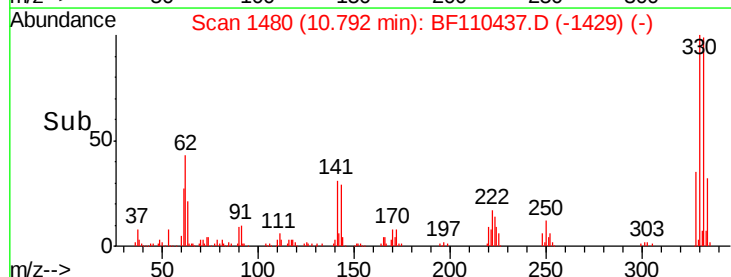
141 37.9 27.0 40.4



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

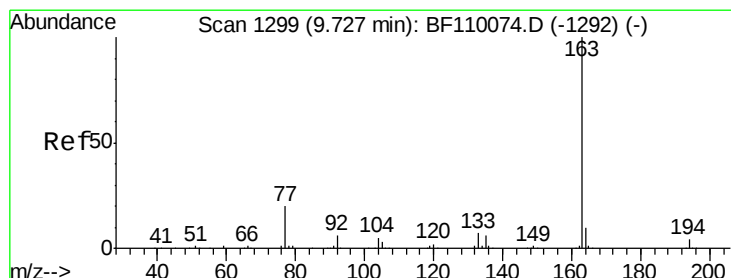
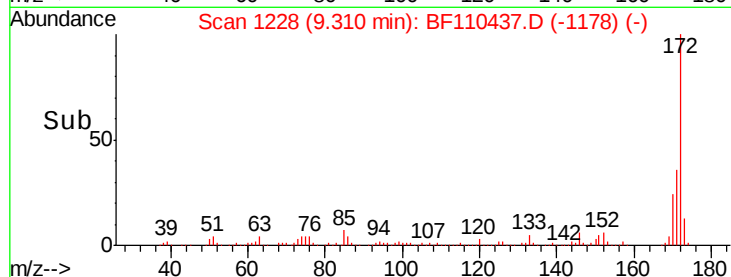
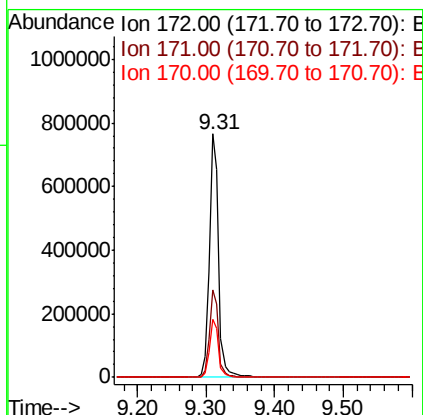
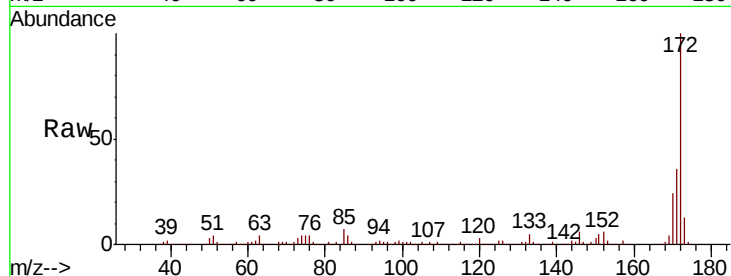




#45
 2-Fluorobiphenyl
 Concen: 85.374 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

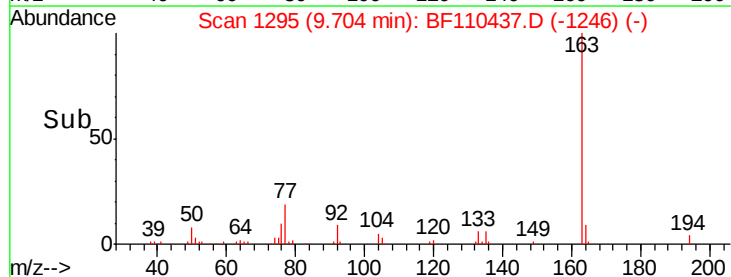
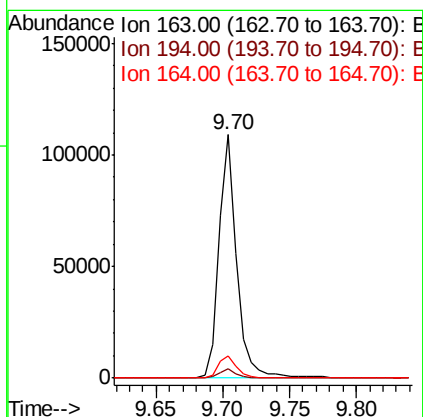
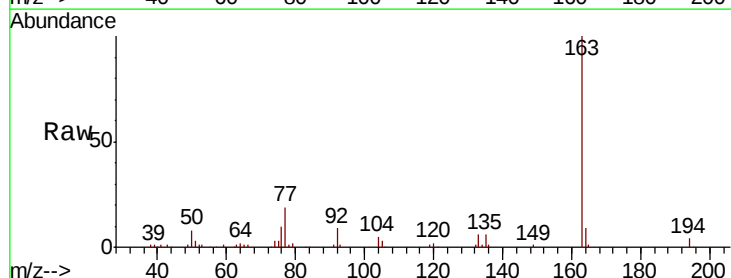
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 728965
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.6 19.7 29.5



#50
 Dimethylphthalate
 Concen: 10.376 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

Tgt Ion:163 Resp: 102695
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.2 4.8
 164 9.1 8.1 12.1

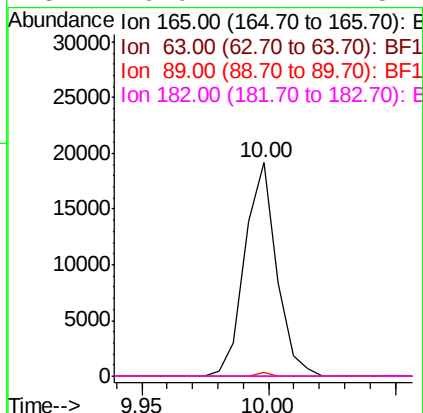
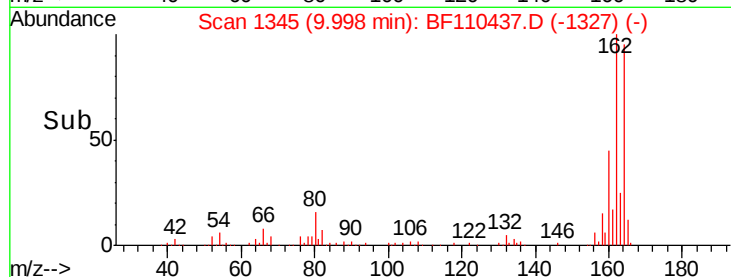
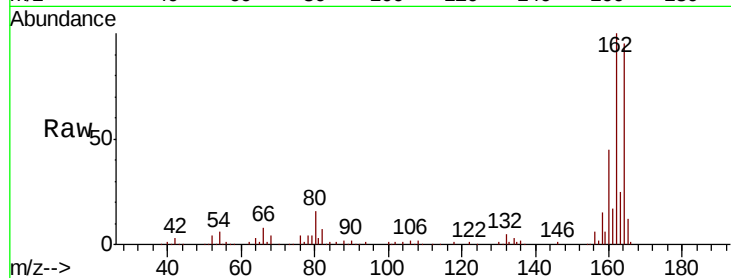




#57
 2,4-Dinitrotoluene
 Concen: 6.184 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110437.D
 Acq: 3 Nov 2018 2:54

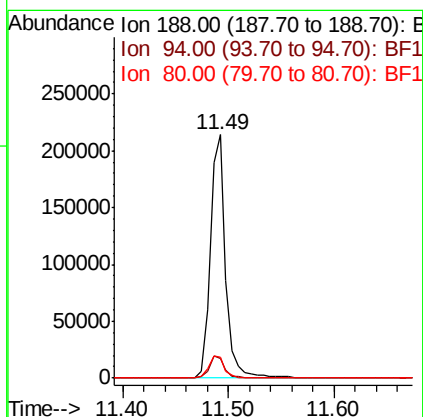
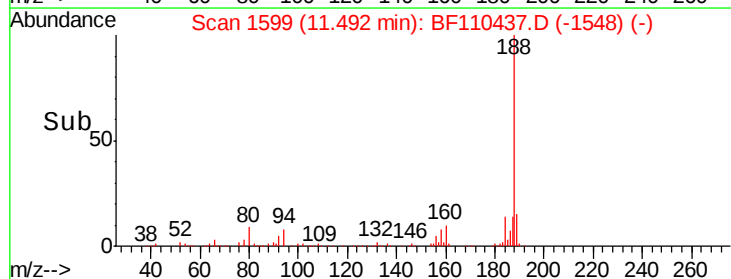
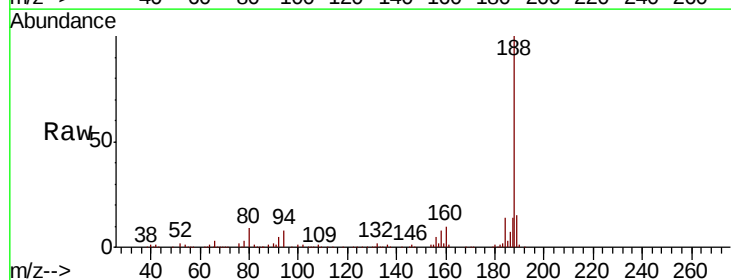
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.1	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: BF110437.D
 Acq: 3 Nov 2018 2:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.7	7.9	11.9

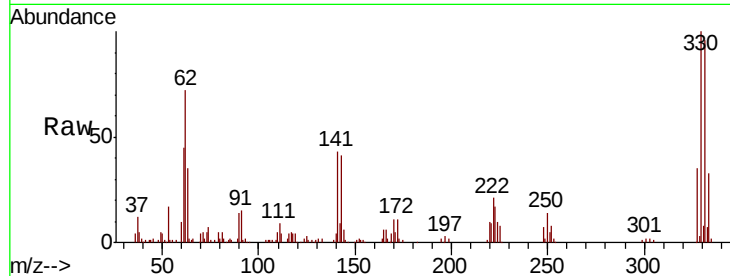




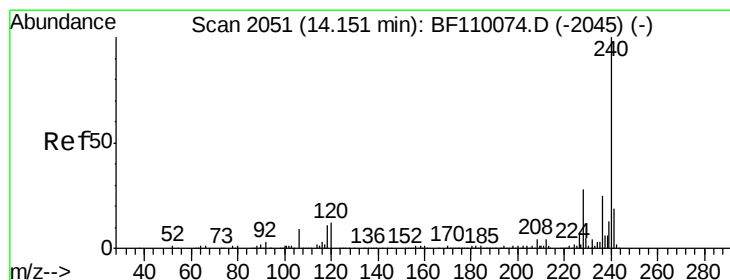
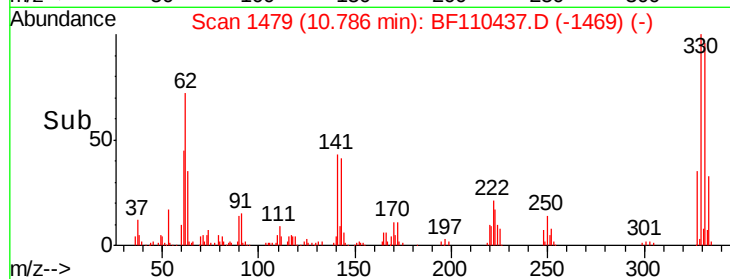
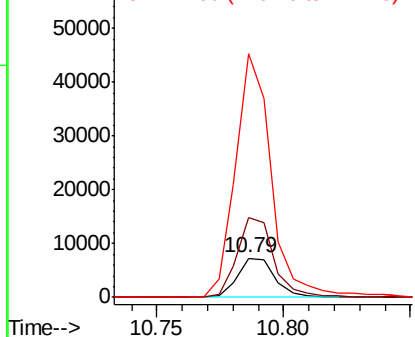
#67
4-Bromophenyl-phenylether
Concen: 3.160 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7423
Ion Ratio Lower Upper
248 100
250 203.2 79.4 119.2#
141 619.3 55.9 83.9#

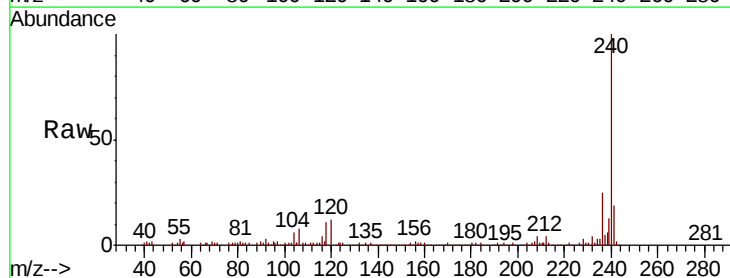


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

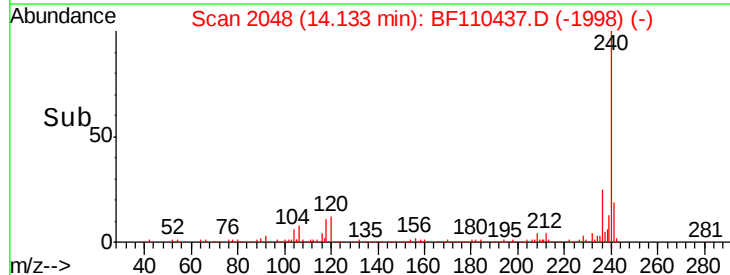
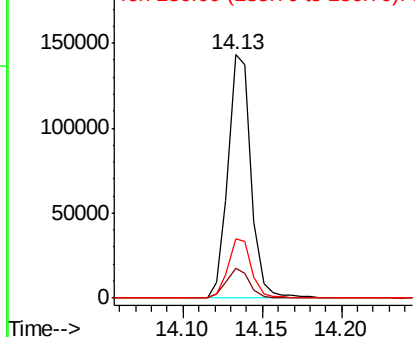


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion:240 Resp: 145105
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 24.6 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: 76.675 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110437.D

Acq: 3 Nov 2018 2:54

Instrument :

BNA_F

ClientSampleId :

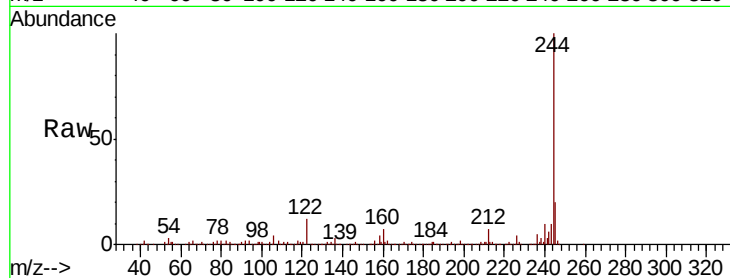
Tot Ion:244 Resp: 534973

Ion Ratio Lower Upper

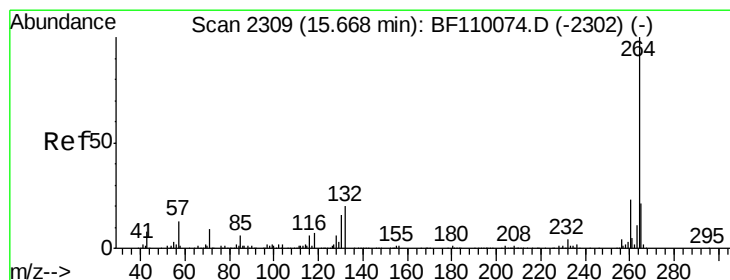
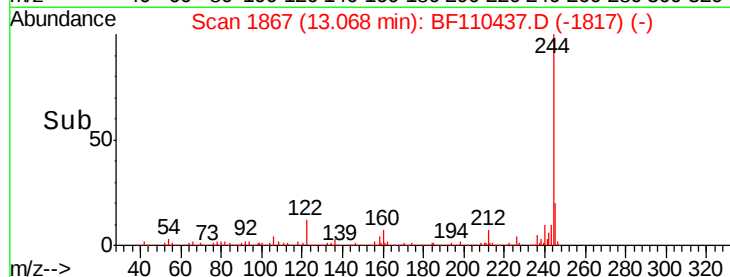
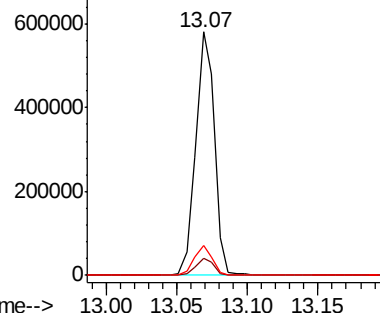
244 100

212 7.0 5.8 8.8

122 12.2 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: BF110437.D

Acq: 3 Nov 2018 2:54

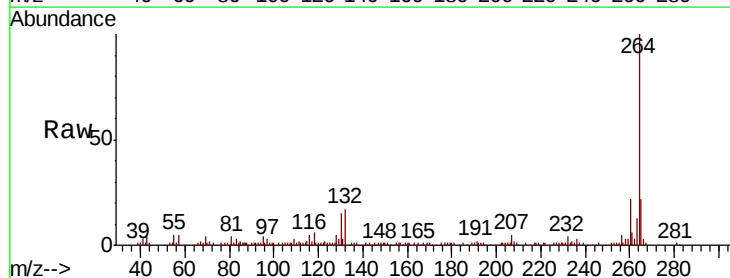
Tgt Ion:264 Resp: 103336

Ion Ratio Lower Upper

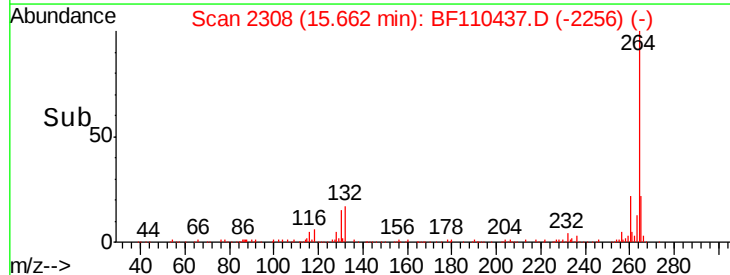
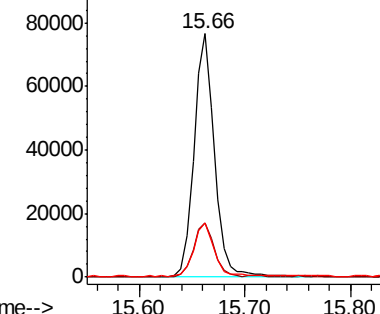
264 100

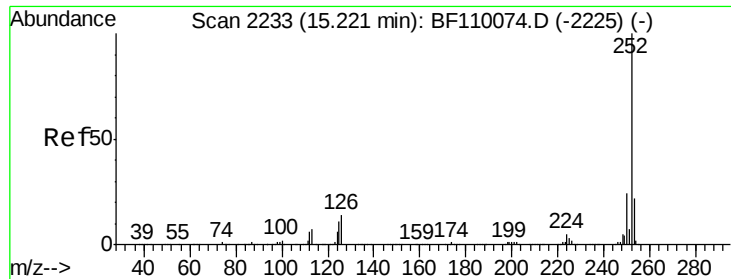
260 22.2 18.7 28.1

265 22.1 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

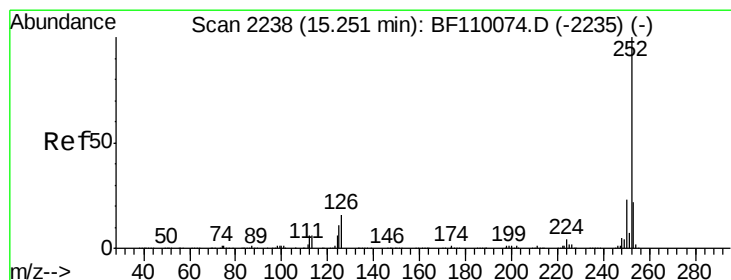
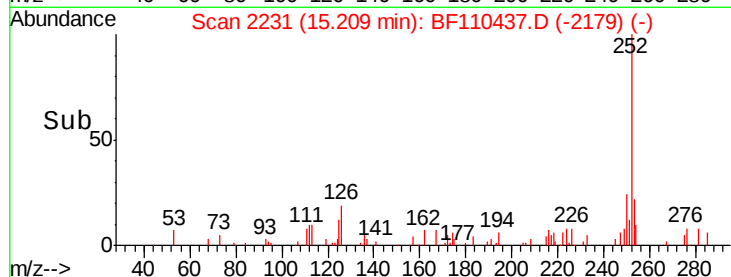
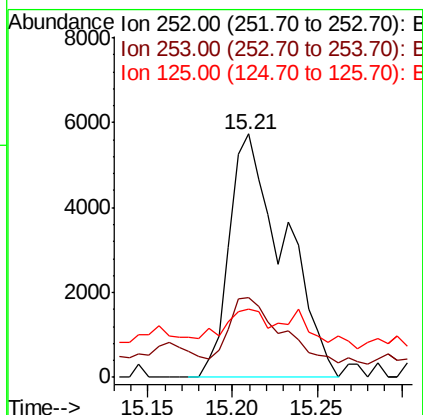
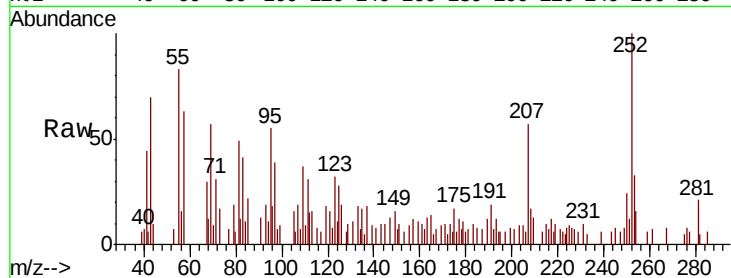




#88
Benzo(b)fluoranthene
Concen: 2.160 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 12888
Ion Ratio Lower Upper
252 100
253 32.5 17.2 25.8#
125 28.2 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.197 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110437.D
Acq: 3 Nov 2018 2:54

Tgt Ion:252 Resp: 12888
Ion Ratio Lower Upper
252 100
253 32.5 17.2 25.8#
125 28.2 7.4 11.0#

