

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
 Data File : BF104871.D
 Acq On : 27 Apr 2018 9:11
 Operator : JU/SJ
 Sample : J2515-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 11:11:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105901	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	421235	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	170417	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	257304	20.00	ng	0.00
75) Chrysene-d12	13.97	240	223481	20.00	ng	-0.01
86) Perylene-d12	15.44	264	162966	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	838212	121.03	ng	0.00
7) Phenol-d6	6.45	99	1016668	119.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	617402	95.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	195724	110.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	928501	86.07	ng	0.00
78) Terphenyl-d14	12.92	244	641555	65.45	ng	0.00

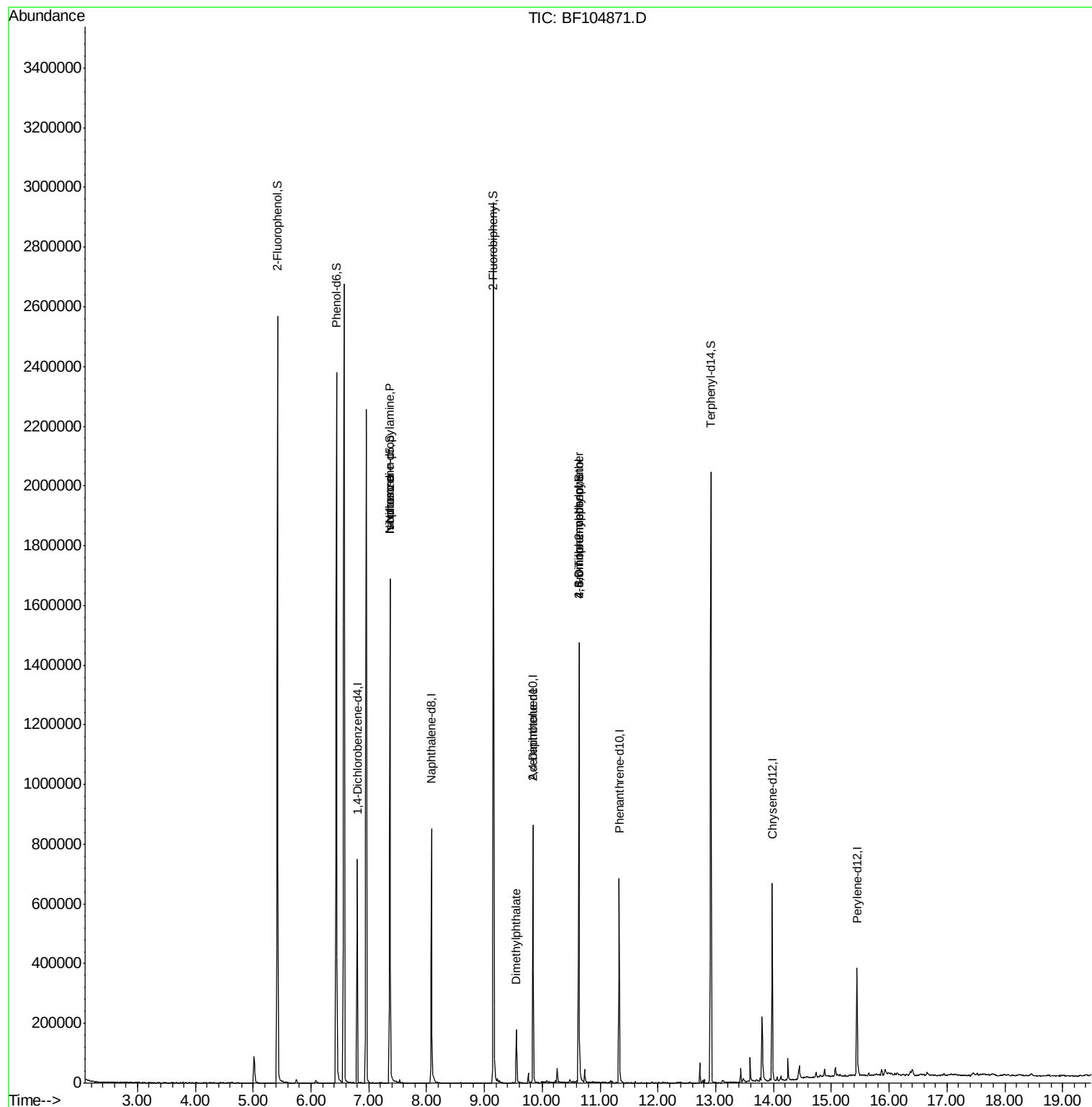
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	80301	14.441	ng	# 71
25) Isophorone	7.37	82	617396	45.259	ng	# 64
49) Dimethylphthalate	9.55	163	81350	6.053	ng	100
56) 2,4-Dinitrotoluene	9.84	165	21257	6.517	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	357	7.588	ng	# 5
66) 4-Bromophenyl-phenylether	10.63	248	11686	4.270	ng	# 1
76) Benzidine	12.92	184	7902	Below Cal		# 95

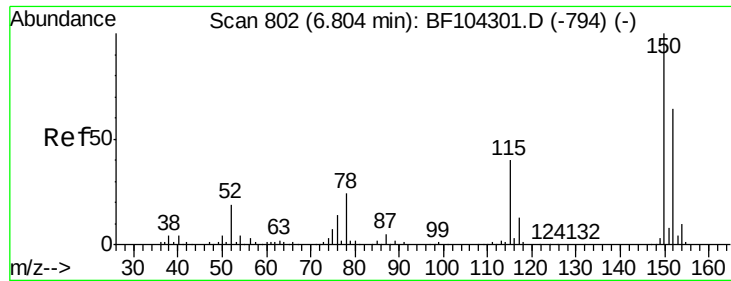
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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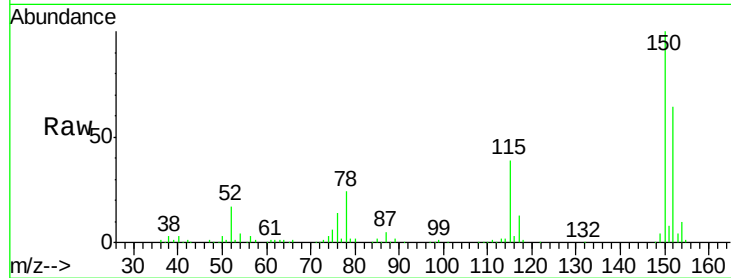


#1

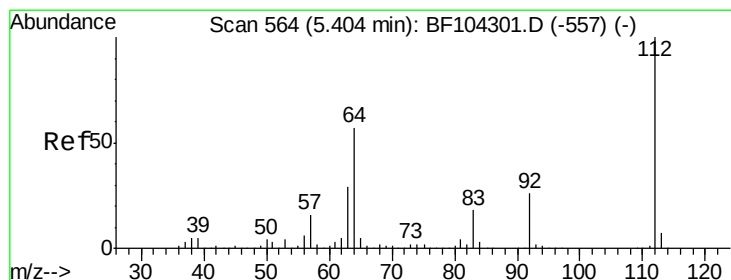
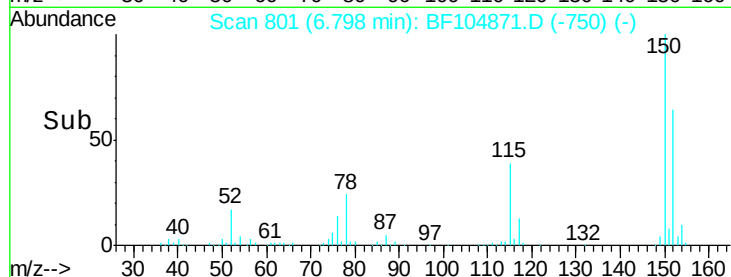
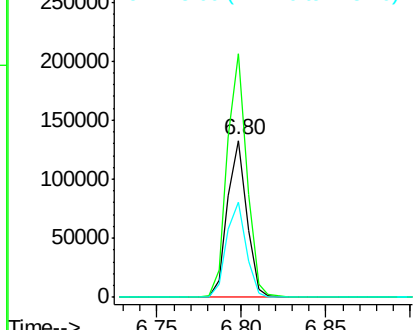
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 105901
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.8 50.1 75.1



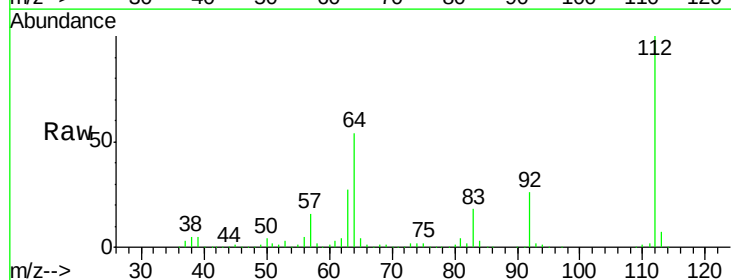
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



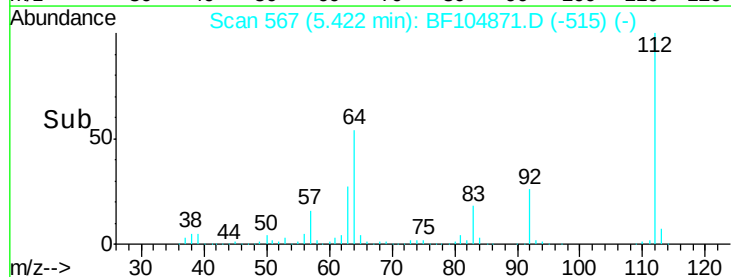
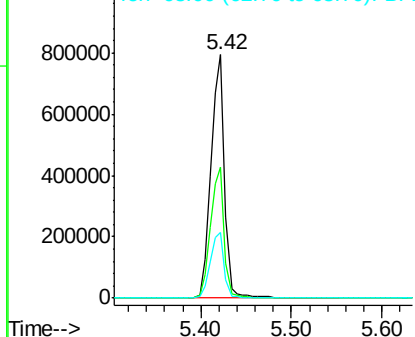
#5

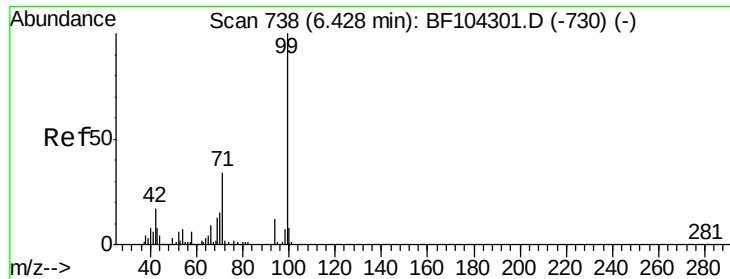
2-Fluorophenol
Concen: 121.026 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Tgt Ion:112 Resp: 838212
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.2 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: 119.472 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampleId :

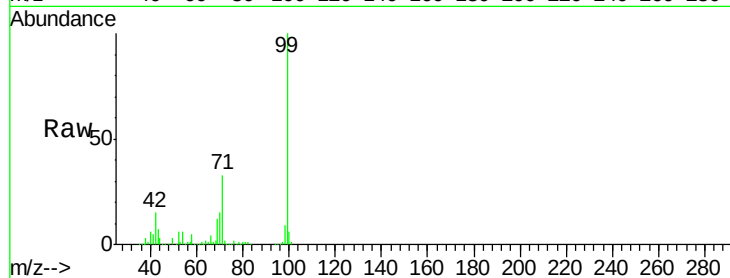
Tot Ion: 99 Resp: 1016668

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

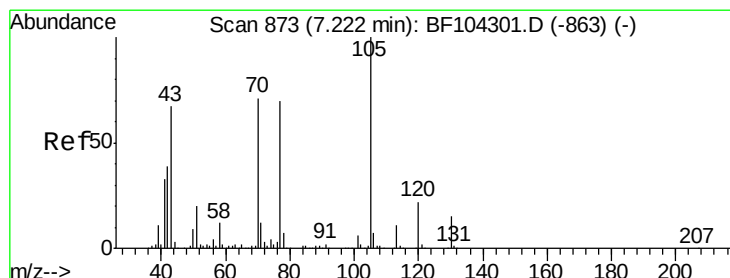
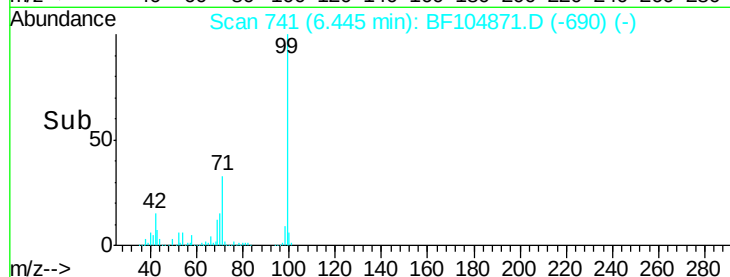
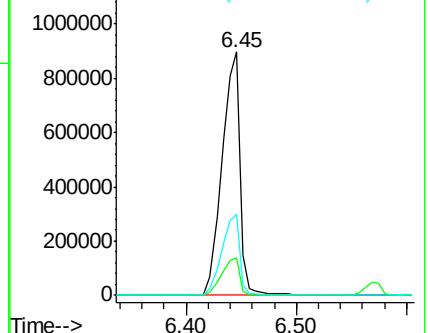
71 33.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.441 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Tgt Ion: 70 Resp: 80301

Ion Ratio Lower Upper

70 100

42 39.9 47.5 71.3#

101 0.0 7.4 11.2#

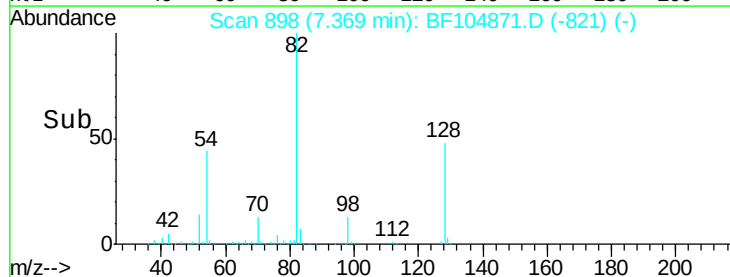
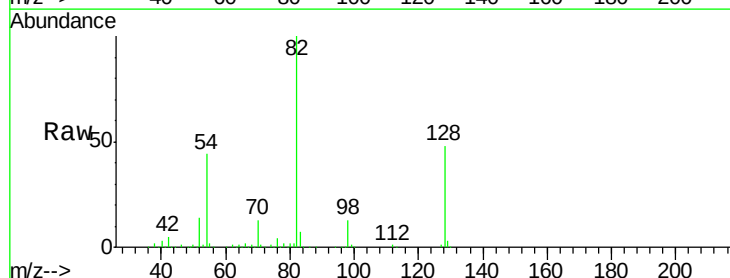
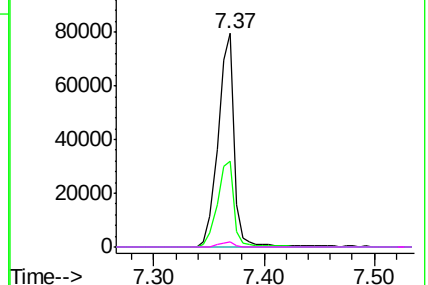
130 2.3 16.6 25.0#

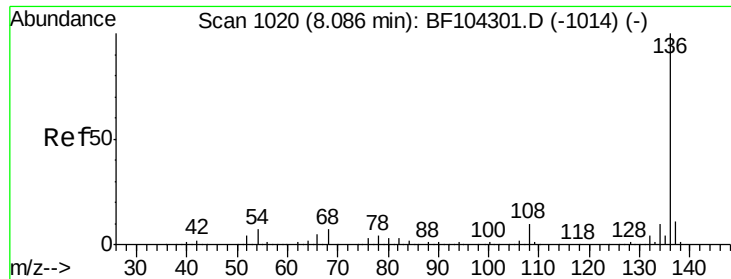
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

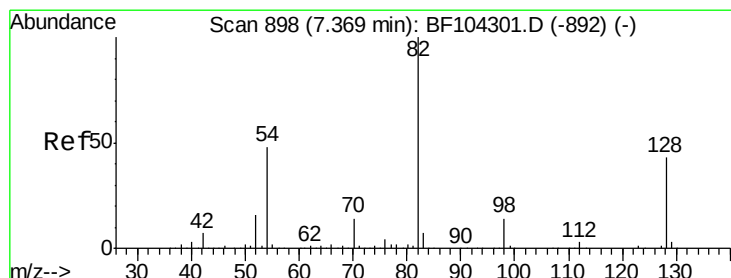
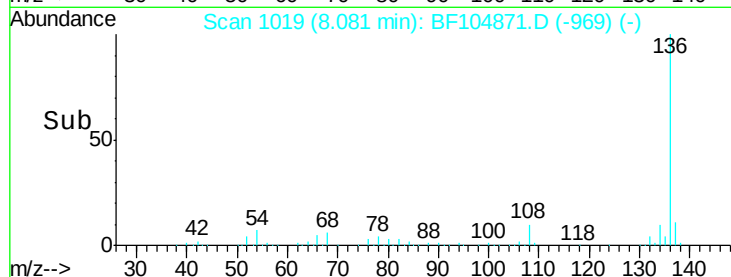
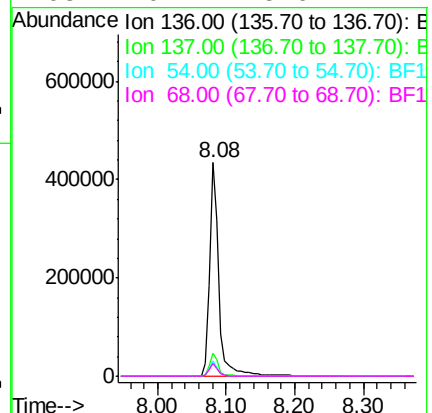
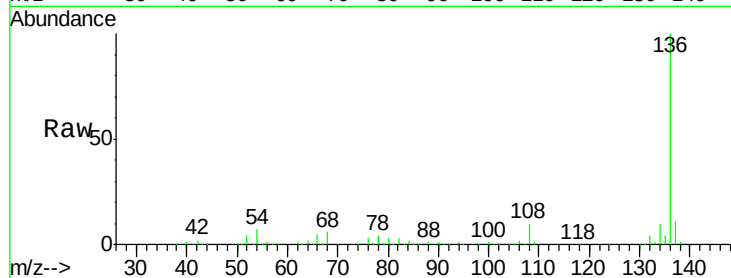




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

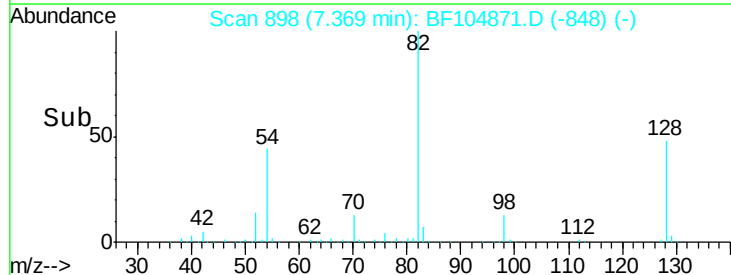
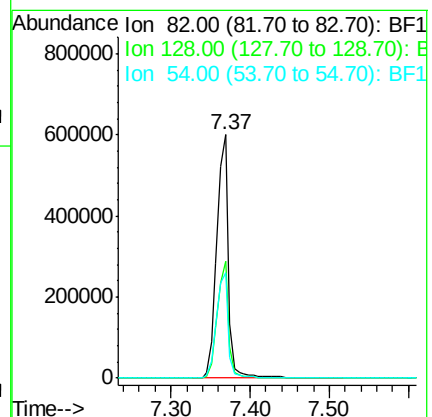
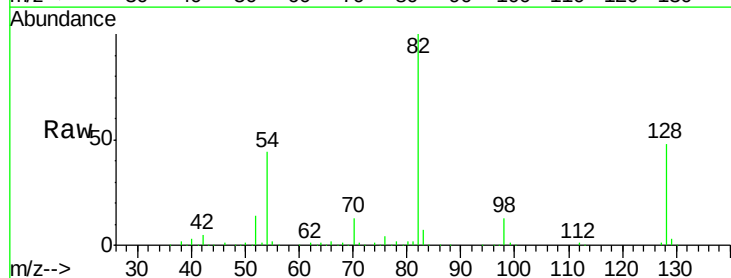
Instrument :
BNA_F
ClientSampleId :

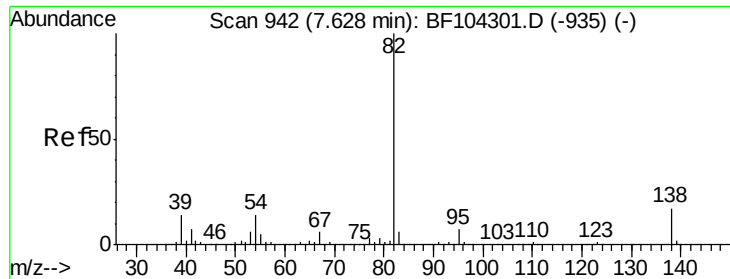
Tot Ion:136	Resp:	421235
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.0	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 95.707 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Tgt Ion: 82	Resp:	617402
Ion Ratio	Lower	Upper
82	100	
128	48.2	36.1 54.1
54	43.5	41.4 62.2





#25

Isophorone

Concen: 45.259 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

Instrument :

BNA_F

ClientSampleId :

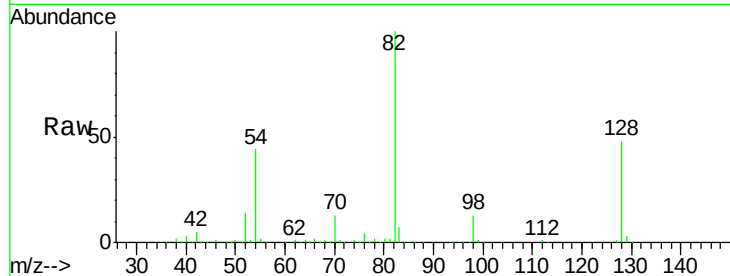
Tot Ion: 82 Resp: 617396

Ion Ratio Lower Upper

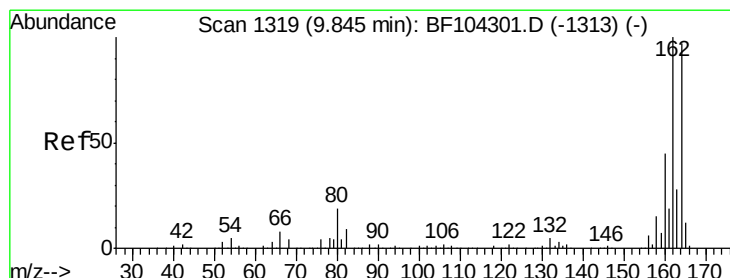
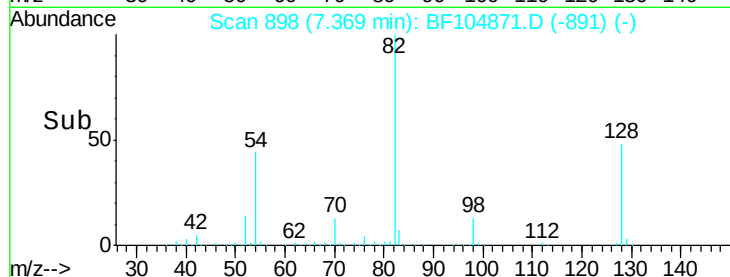
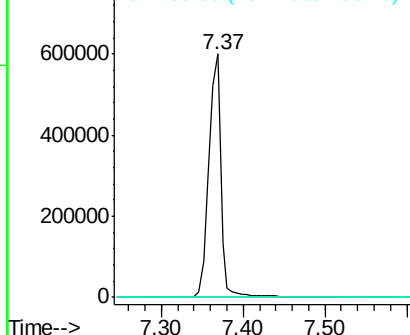
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104871.D

Acq: 27 Apr 2018 9:11

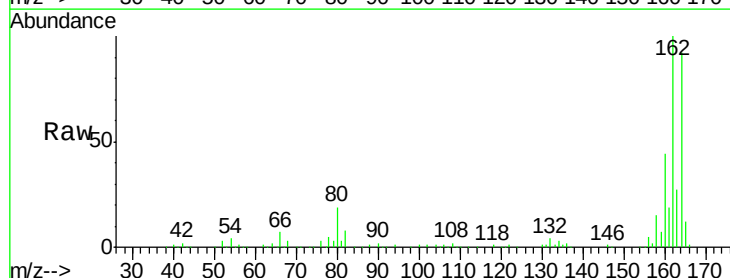
Tgt Ion: 164 Resp: 170417

Ion Ratio Lower Upper

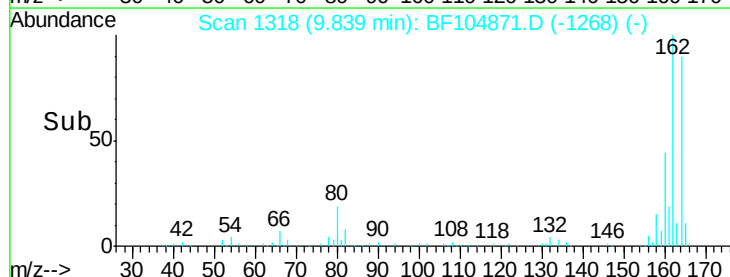
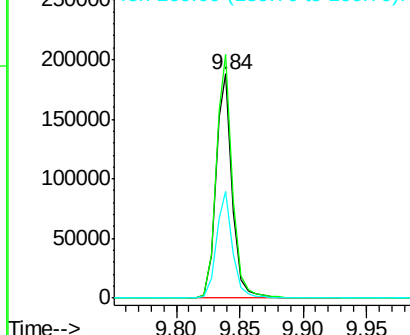
164 100

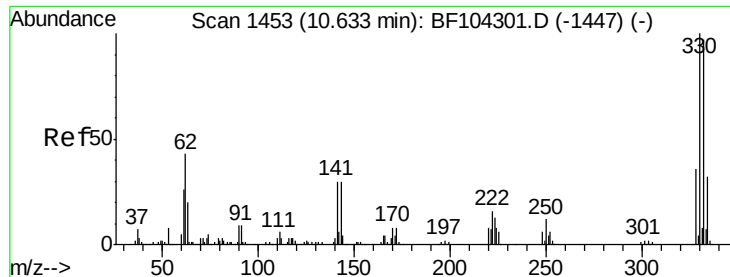
162 108.7 86.1 129.1

160 47.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

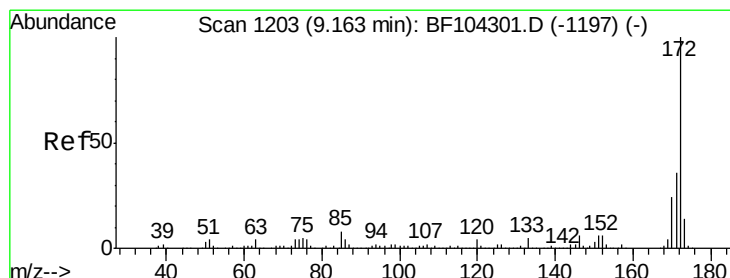
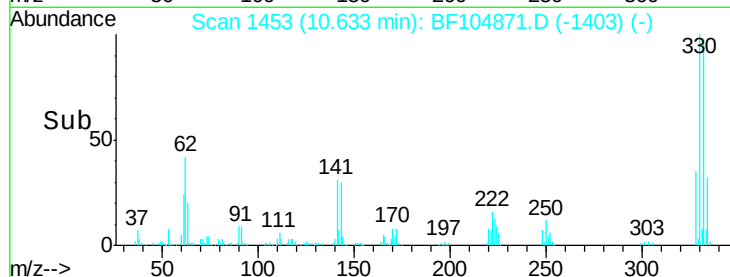
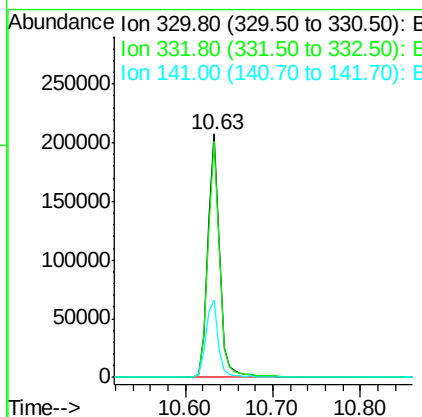
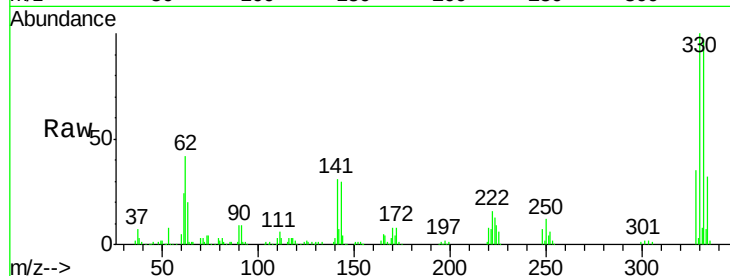




#41
 2,4,6-Tribromophenol
 Concen: 110.717 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

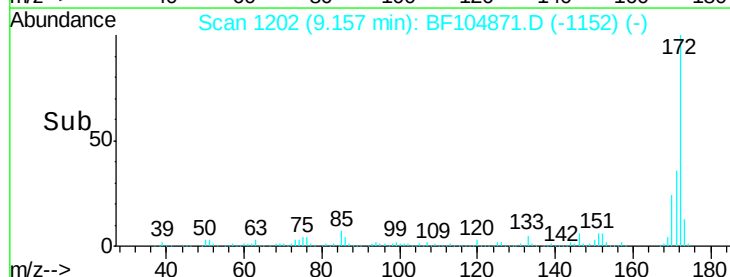
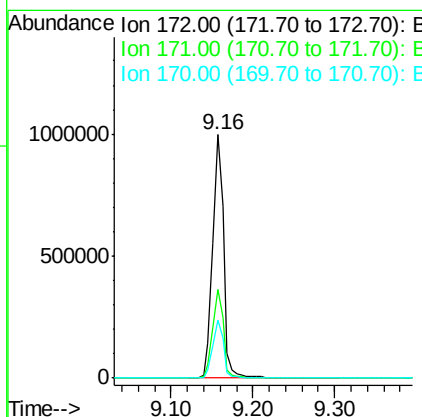
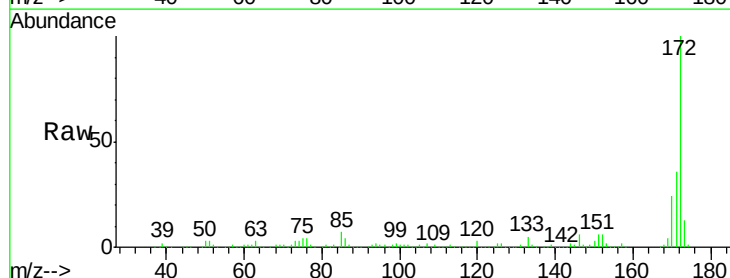
Instrument :
 BNA_F
 ClientSampleId :

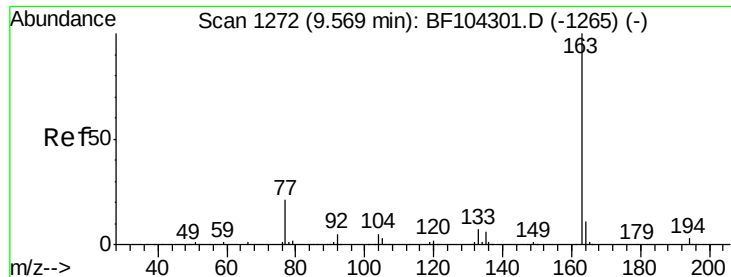
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 86.071 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4

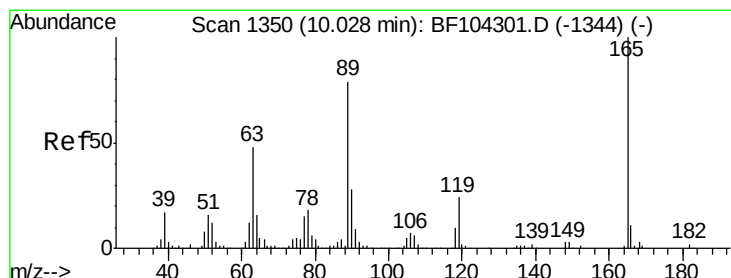
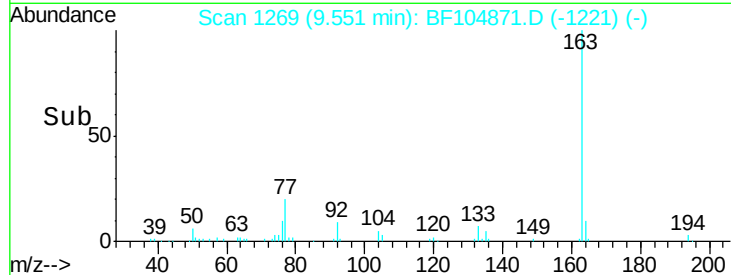
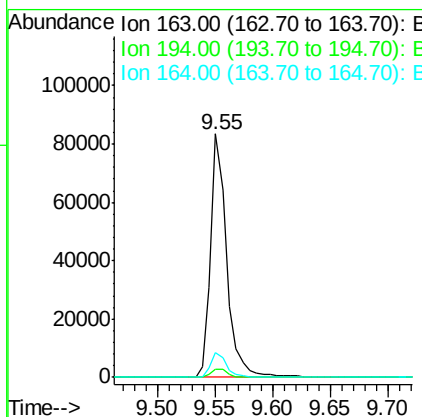
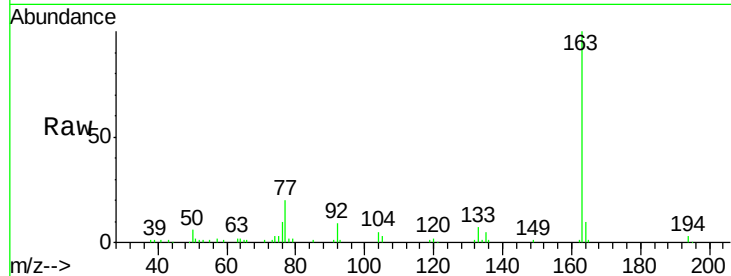




#49
Dimethylphthalate
Concen: 6.053 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

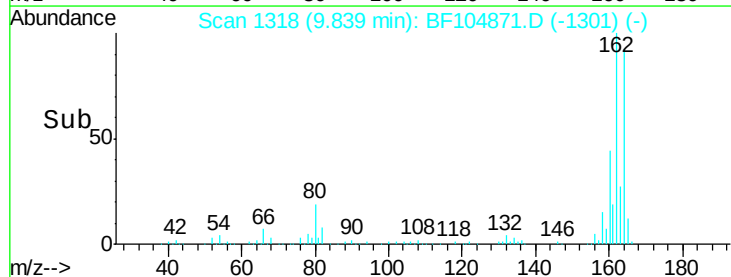
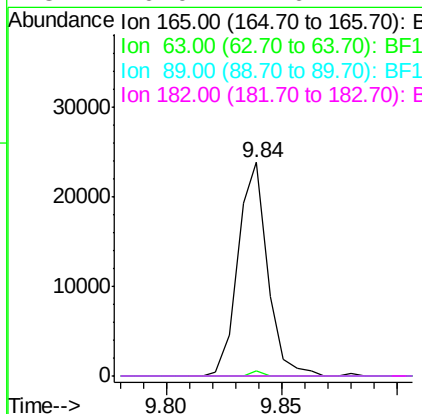
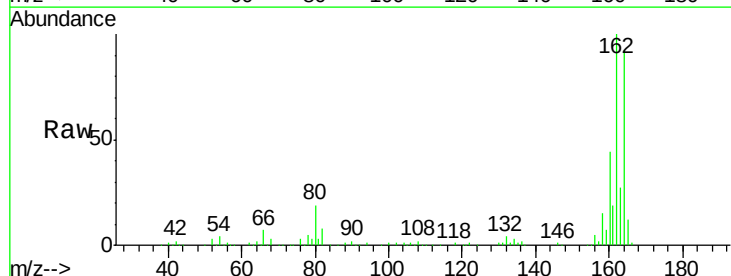
Instrument :
BNA_F
ClientSampleId :

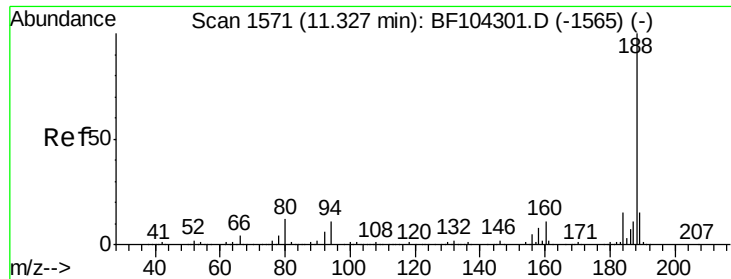
Tot Ion:163 Resp: 81350
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.517 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Tgt Ion:165 Resp: 21257
Ion Ratio Lower Upper
165 100
63 2.1 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

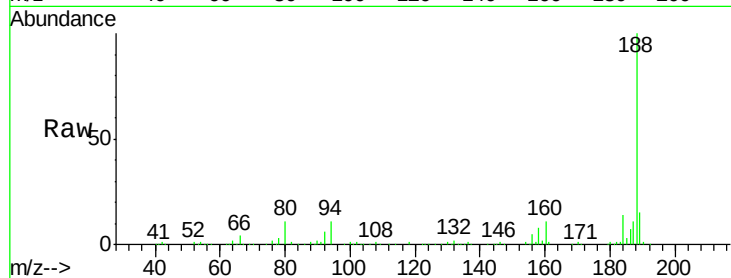




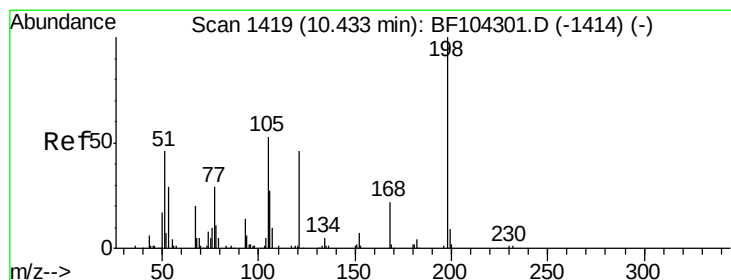
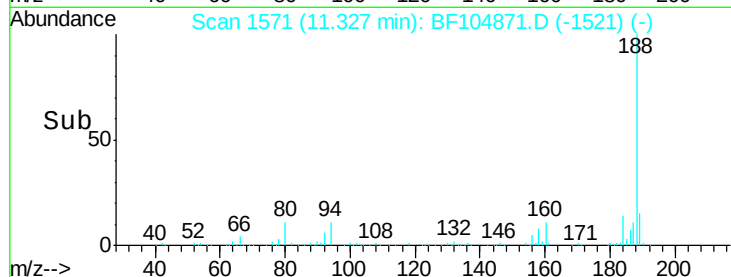
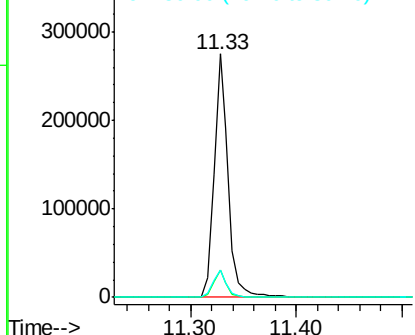
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 257304
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.1 9.2 13.8

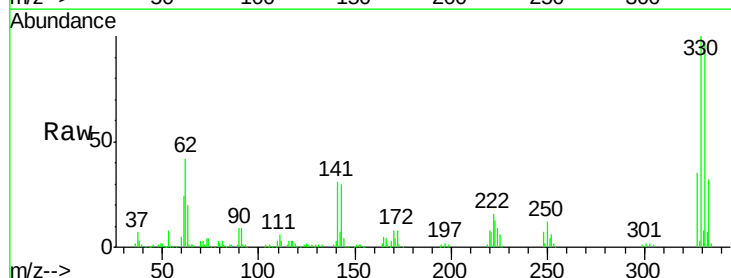


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

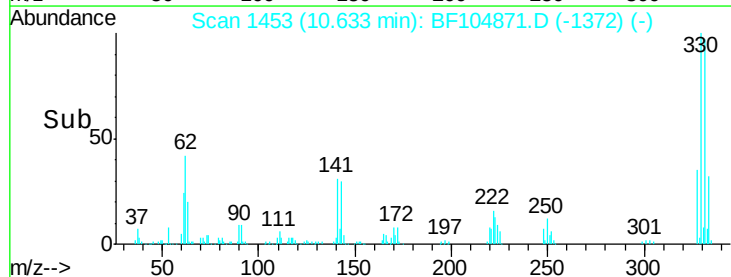
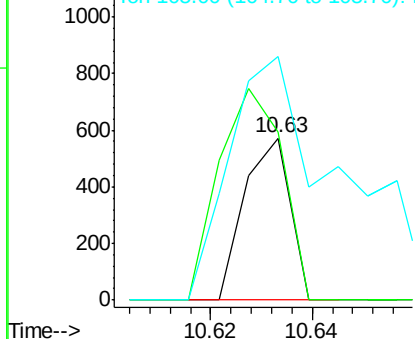


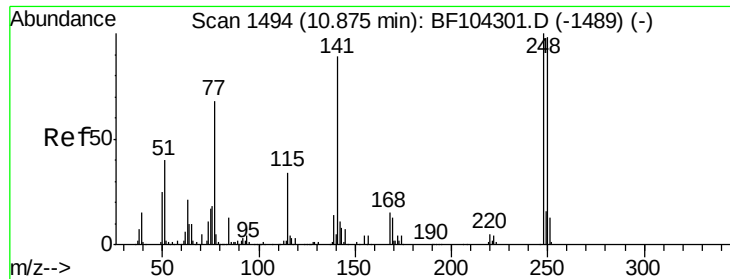
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.588 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Tgt Ion:198 Resp: 357
 Ion Ratio Lower Upper
 198 100
 51 104.0 37.7 77.7#
 105 150.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

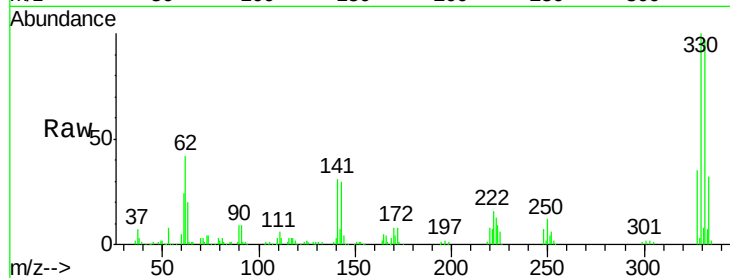




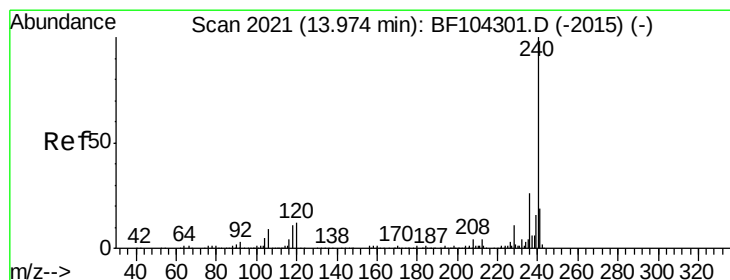
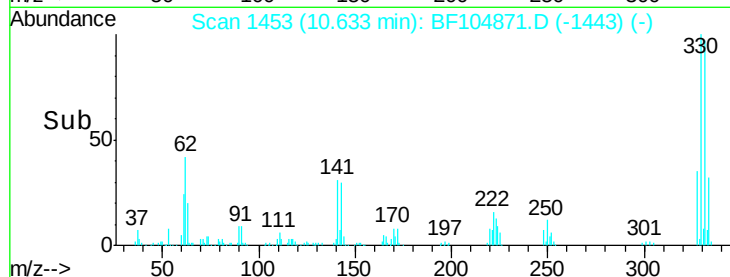
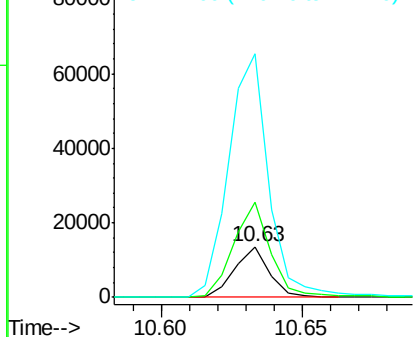
#66
4-Bromophenyl-phenylether
Concen: 4.270 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11686
Ion Ratio Lower Upper
248 100
250 186.9 76.9 115.3#
141 478.1 74.4 111.6#

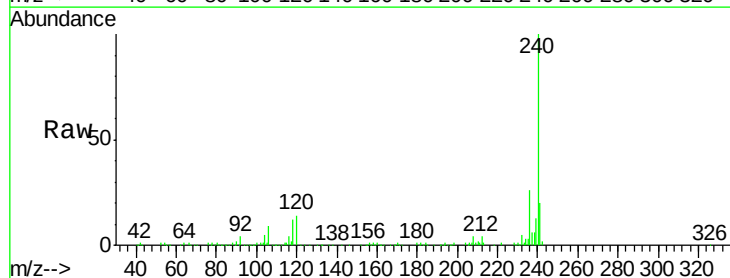


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

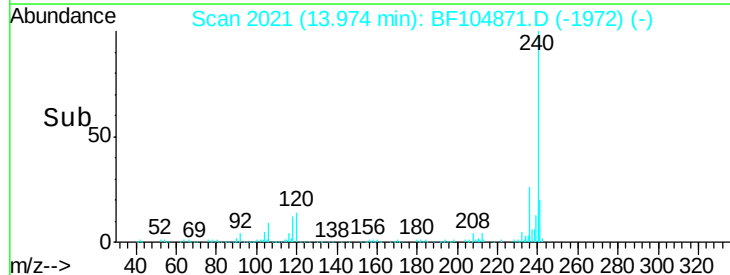
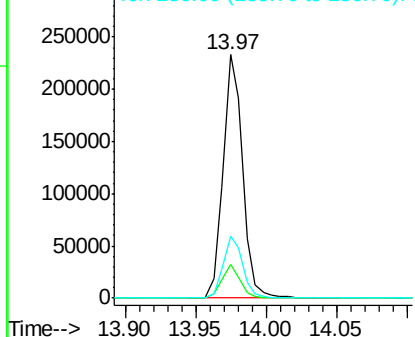


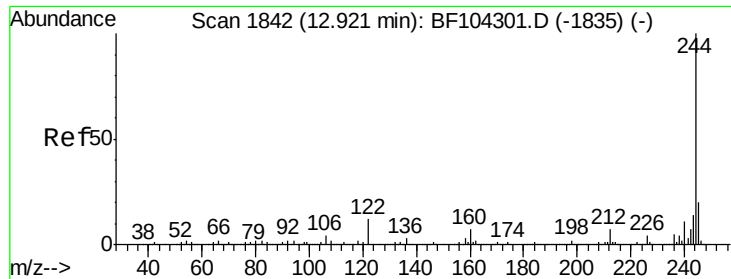
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104871.D
Acq: 27 Apr 2018 9:11

Tgt Ion:240 Resp: 223481
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 25.5 20.7 31.1



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

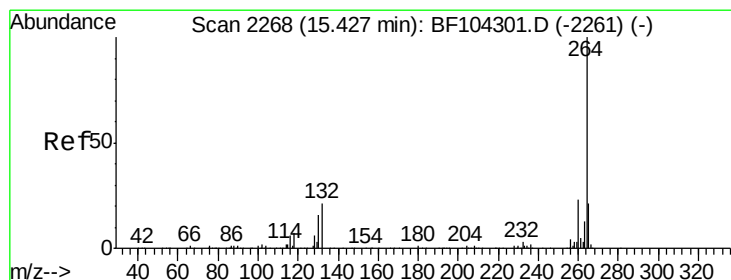
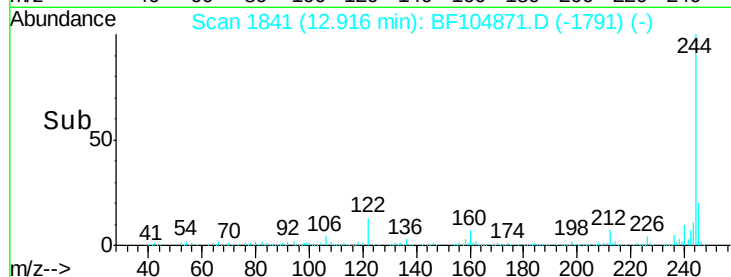
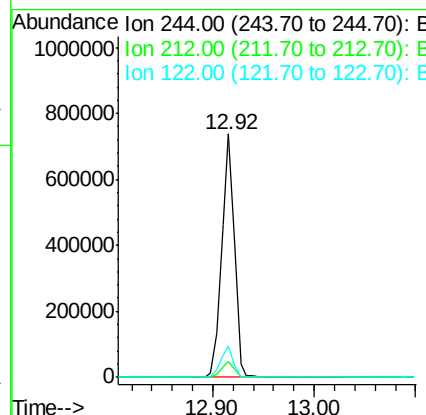
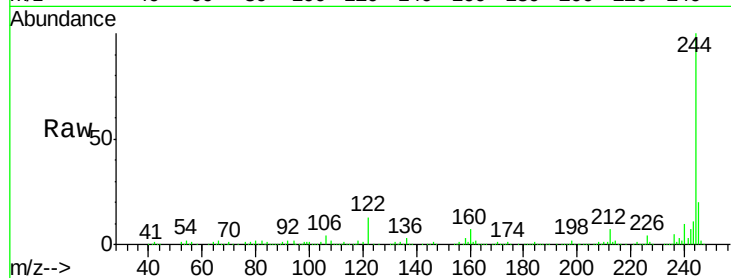




#78
 Terphenyl-d14
 Concen: 65.448 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 641555
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104871.D
 Acq: 27 Apr 2018 9:11

Tgt Ion:264 Resp: 162966
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.1 17.5 26.3

