

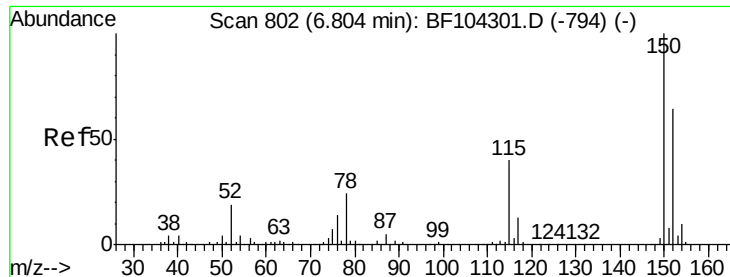
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041018\
 Data File : BF104408.D
 Acq On : 10 Apr 2018 15:01
 Operator : JU/SJ
 Sample : J2285-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 16:29:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	123770	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	454511	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	167558	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	260426	20.00	ng	0.00
75) Chrysene-d12	13.98	240	284796	20.00	ng	0.00
86) Perylene-d12	15.45	264	224217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	807406	99.75	ng	0.01
7) Phenol-d6	6.44	99	954094	95.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	568499	81.67	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	163230	93.91	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	870424	82.06	ng	0.00
78) Terphenyl-d14	12.92	244	724521	58.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1539	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	73730	11.345 ng	#	74
25) Isophorone	7.37	82	567975	38.588 ng	#	64
49) Dimethylphthalate	9.56	163	79407	6.010 ng		100
56) 2,4-Dinitrotoluene	9.85	165	20853	6.502 ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.63	198	199	7.480 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	10004	3.611 ng	#	1
76) Benzidine	12.92	184	9390	Below Cal	#	90

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

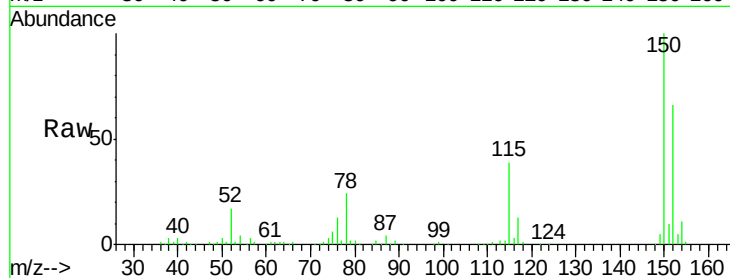


#1

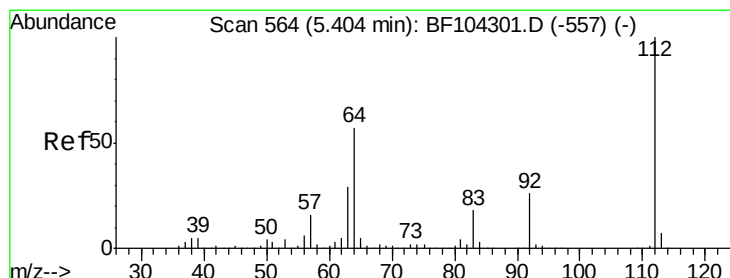
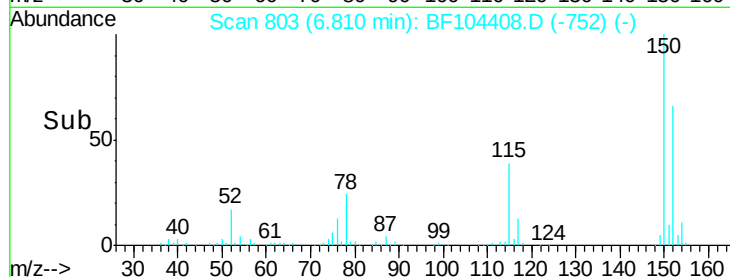
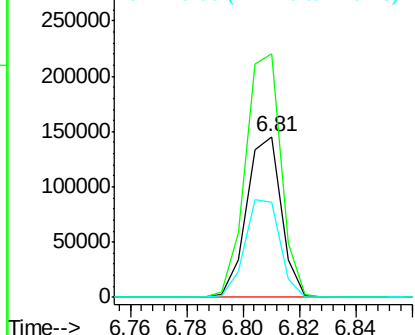
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104408.D
 Acq: 10 Apr 2018 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.6	186.8
115	59.6	50.1	75.1



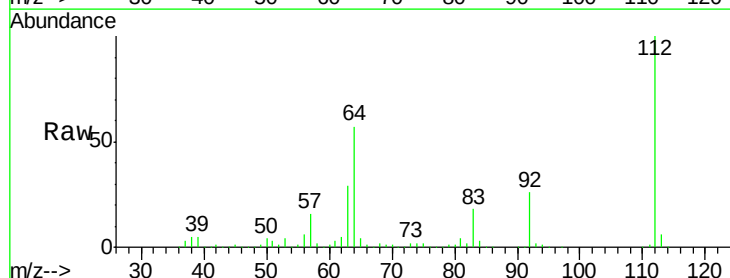
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



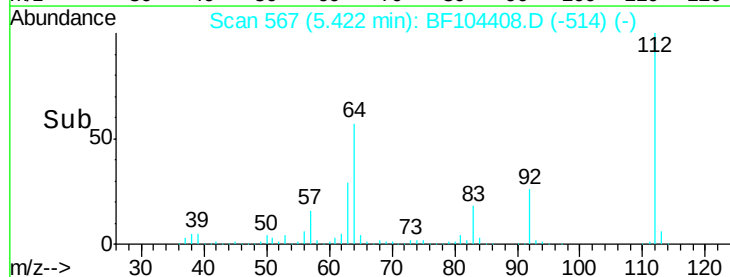
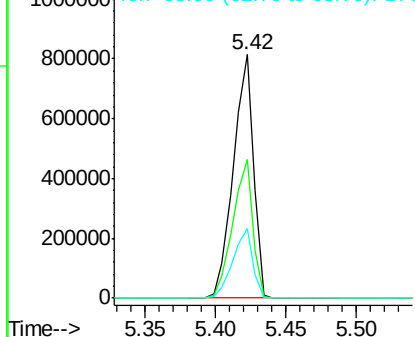
#5

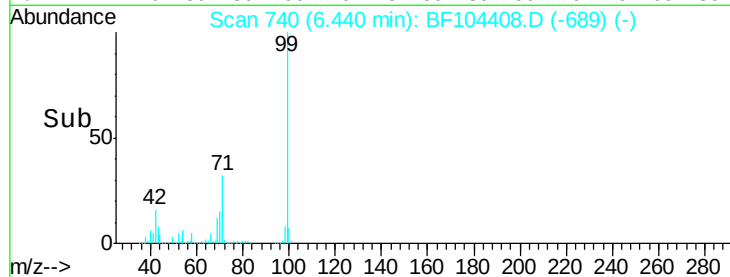
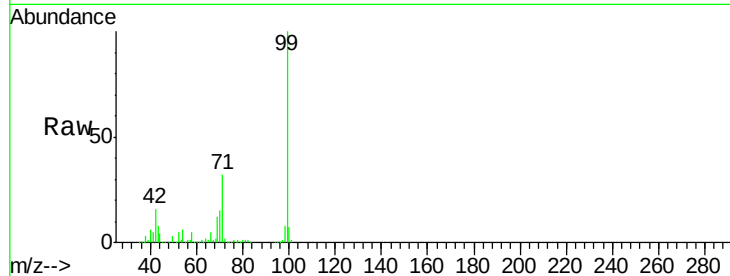
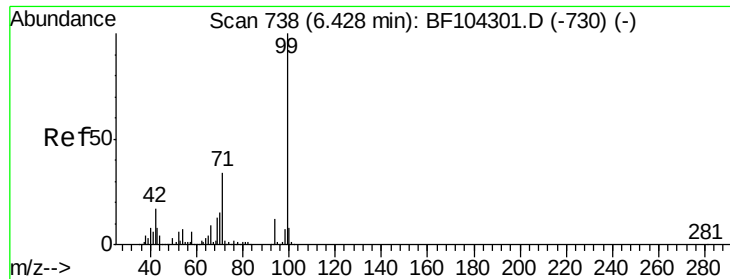
2-Fluorophenol
 Concen: 99.747 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104408.D
 Acq: 10 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.7	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: 95.932 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

Instrument :

BNA_F

ClientSampleId :

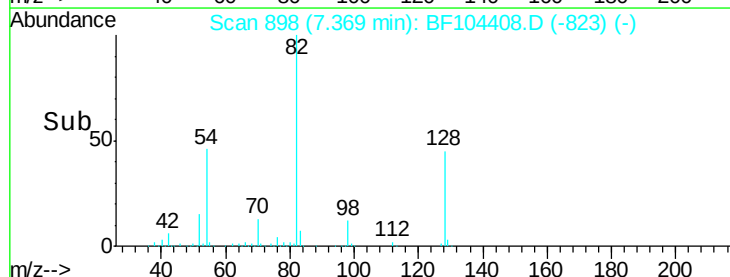
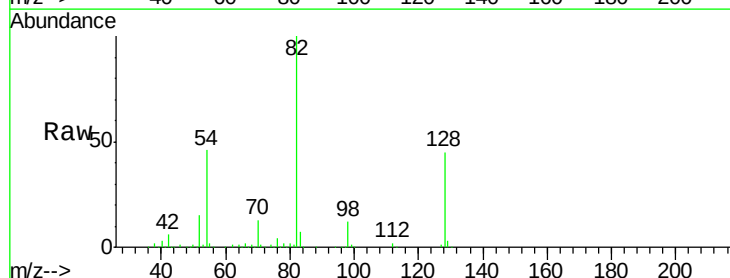
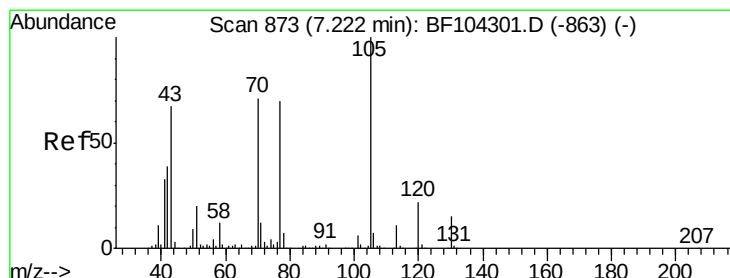
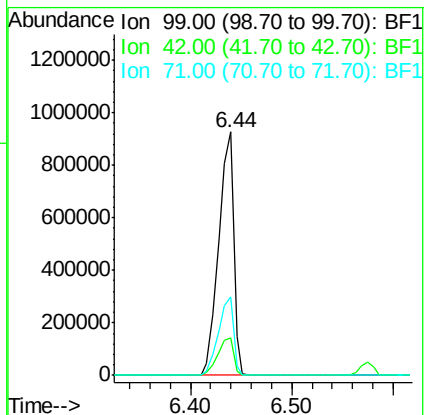
Tot Ion: 99 Resp: 954094

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 32.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.345 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

Tgt Ion: 70 Resp: 73730

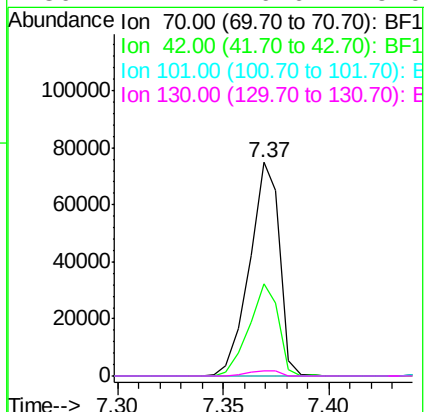
Ion Ratio Lower Upper

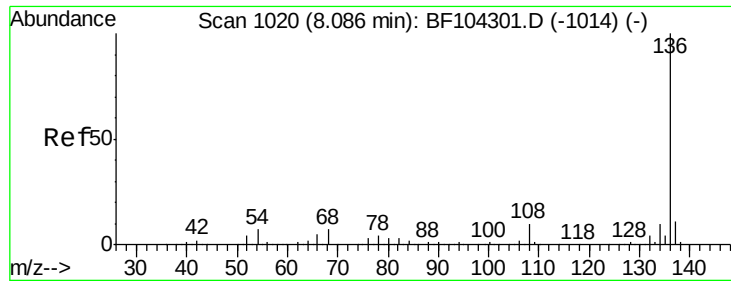
70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF104408.D

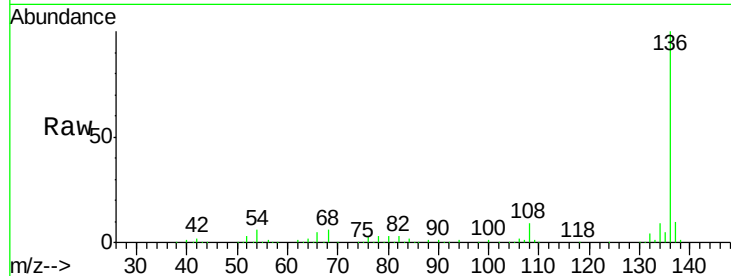
Acq: 10 Apr 2018 15:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	454511
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	6.2	6.6 9.8#
68	5.7	5.0 7.4

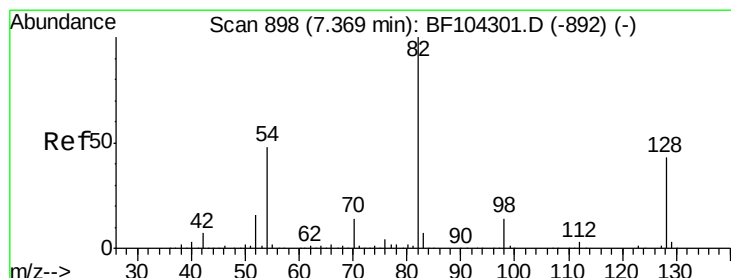
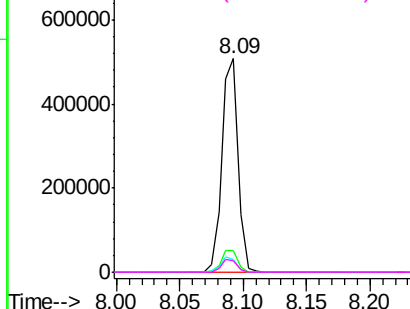
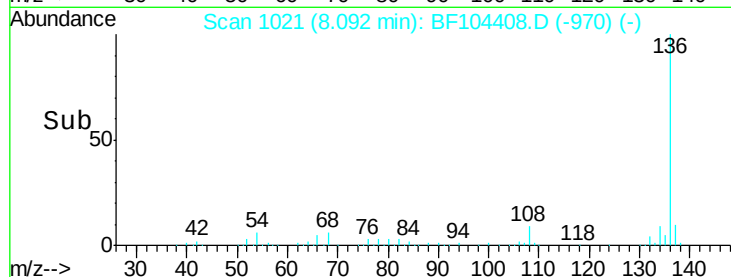


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 81.674 ng

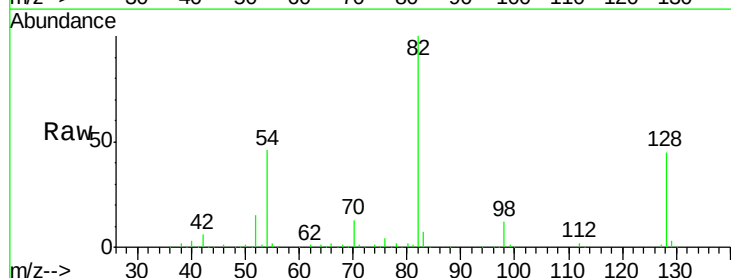
RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

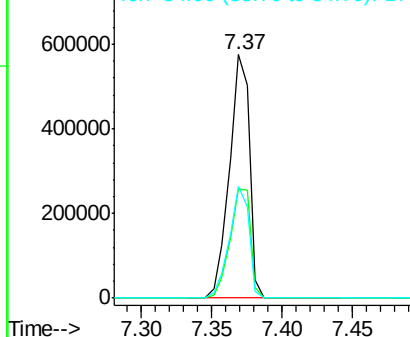
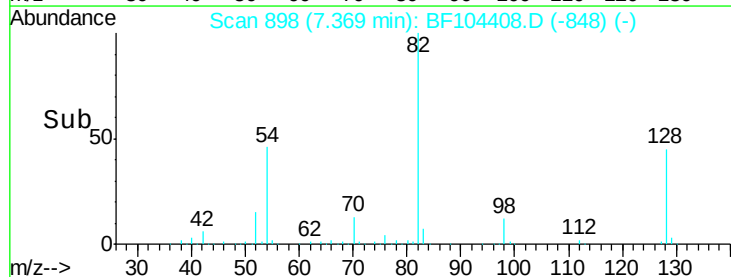
Tgt Ion: 82	Resp:	568499
Ion Ratio	Lower	Upper
82	100	
128	44.7	36.1 54.1
54	45.7	41.4 62.2

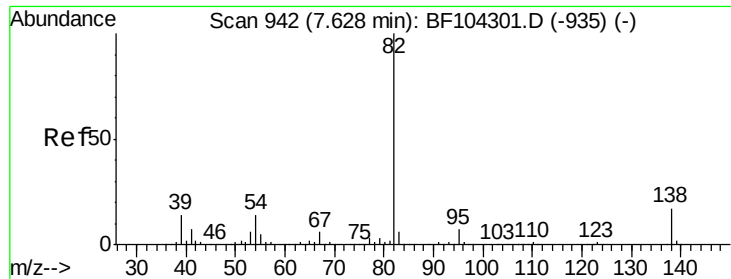


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.588 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

Instrument :

BNA_F

ClientSampleId :

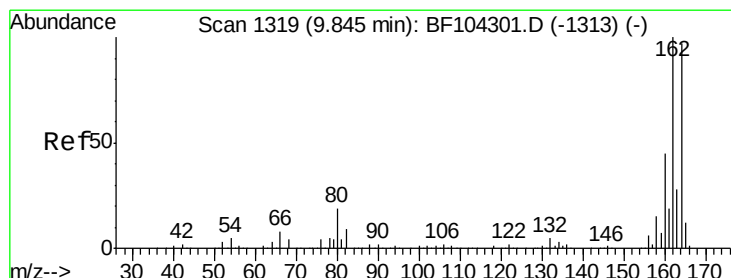
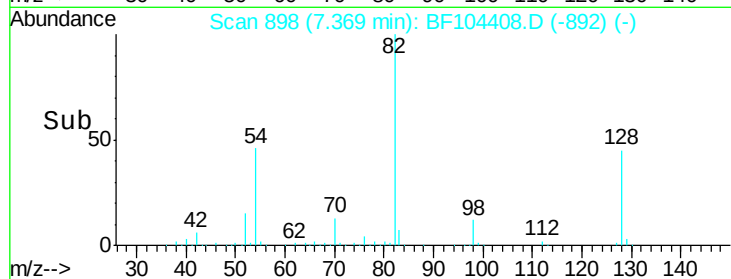
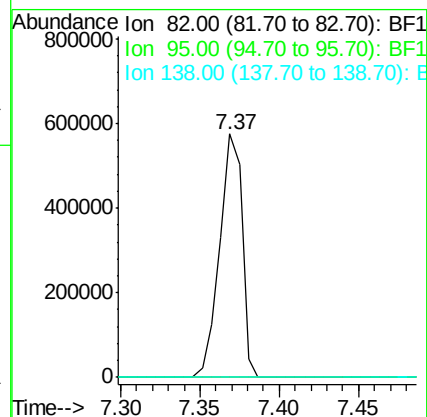
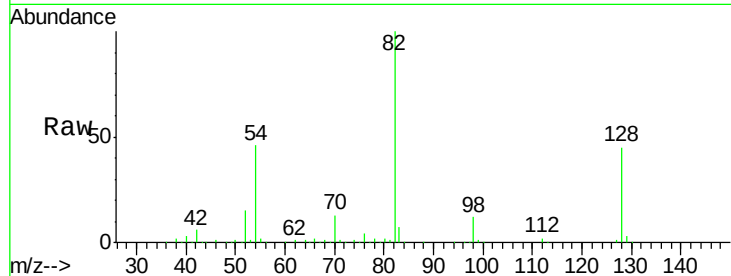
Tot Ion: 82 Resp: 567975

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

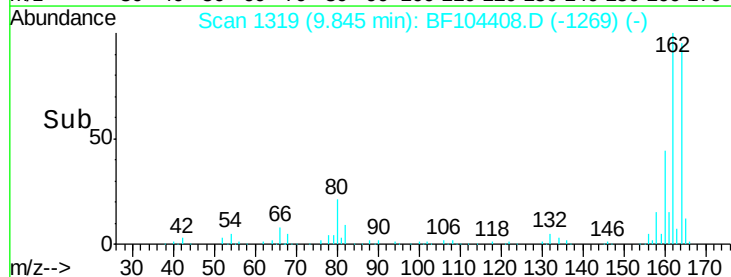
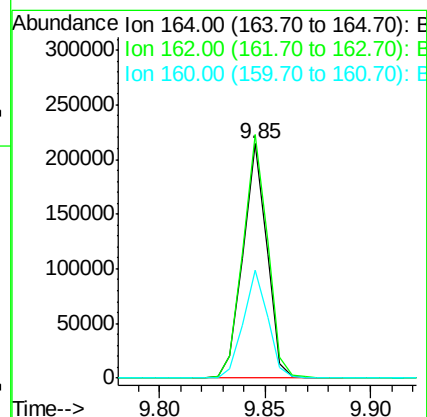
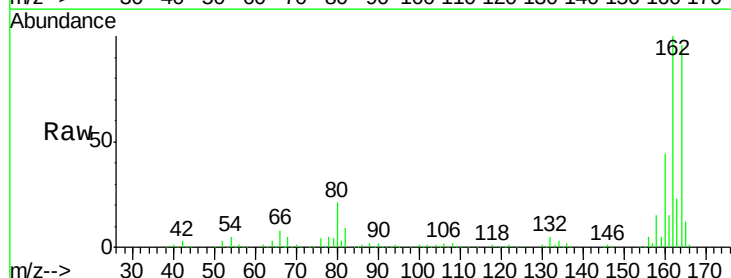
Tgt Ion: 164 Resp: 167558

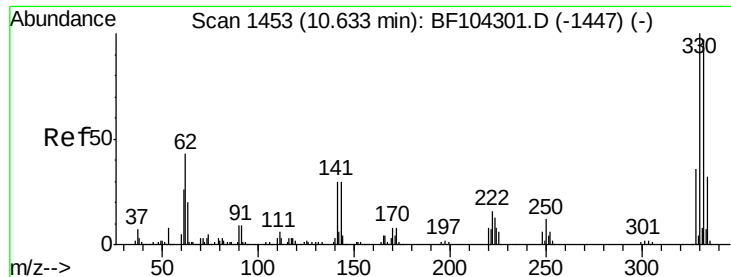
Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

160 45.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 93.912 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

Instrument :

BNA_F

ClientSampled :

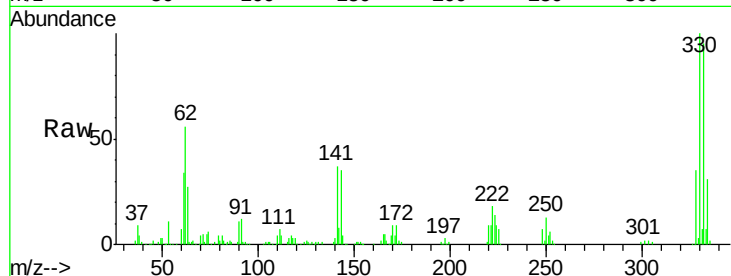
Tot Ion:330 Resp: 163230

Ion Ratio Lower Upper

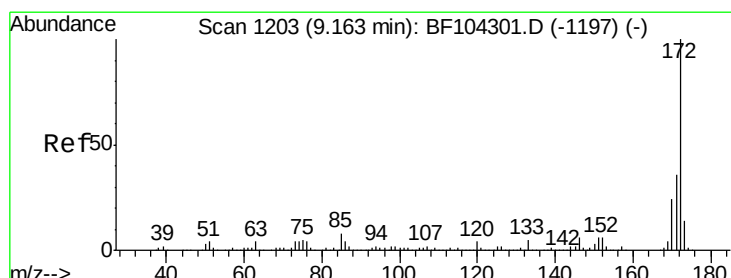
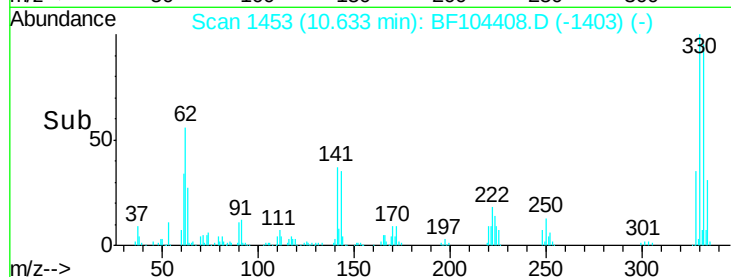
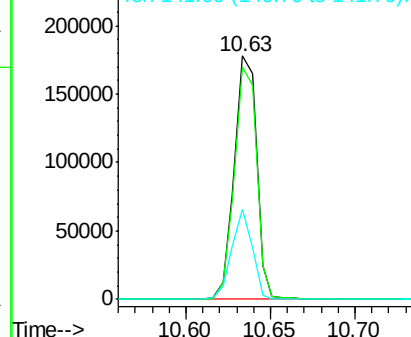
330 100

332 95.6 77.0 115.6

141 33.9 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 82.064 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF104408.D

Acq: 10 Apr 2018 15:01

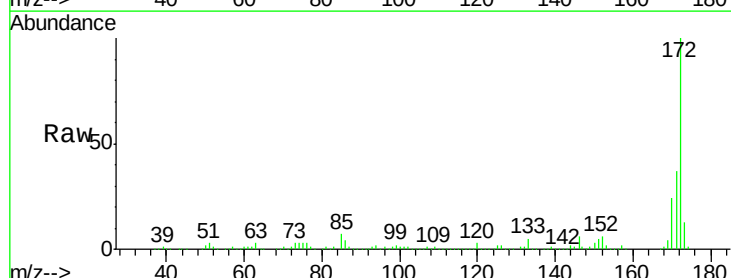
Tgt Ion:172 Resp: 870424

Ion Ratio Lower Upper

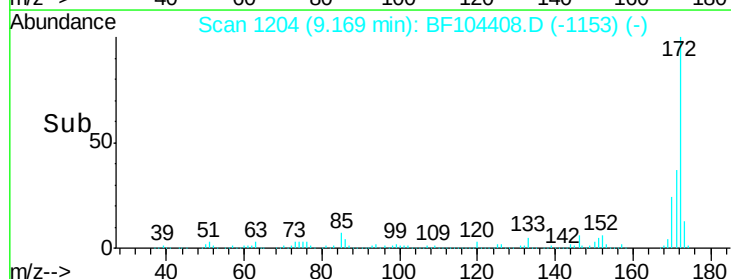
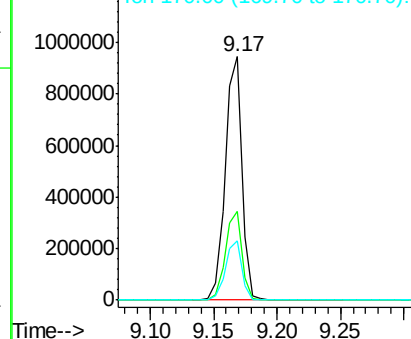
172 100

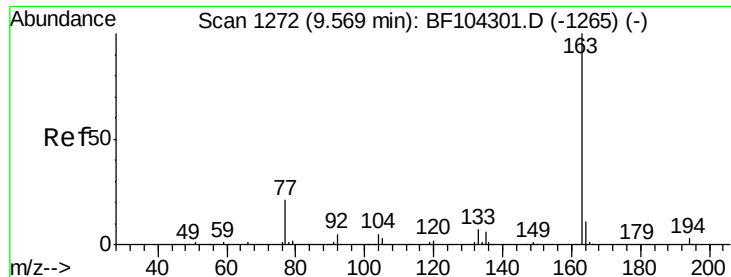
171 36.6 29.7 44.5

170 24.2 19.6 29.4



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

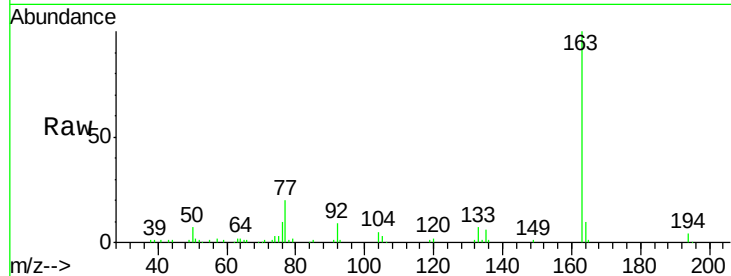




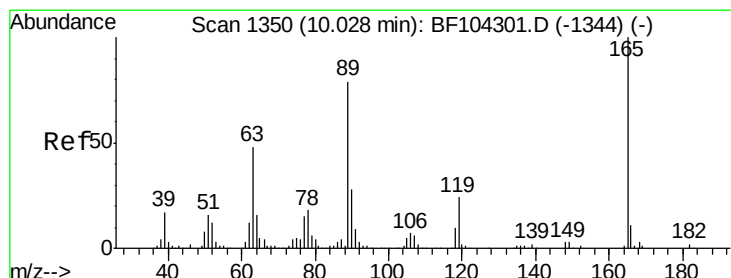
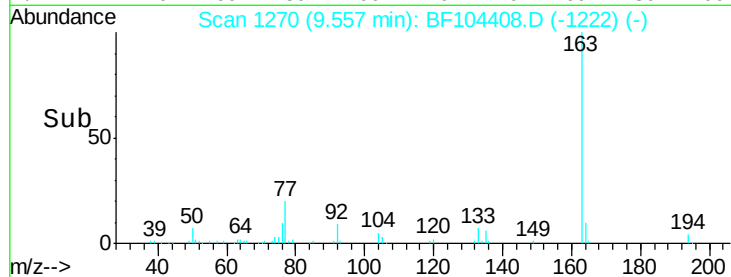
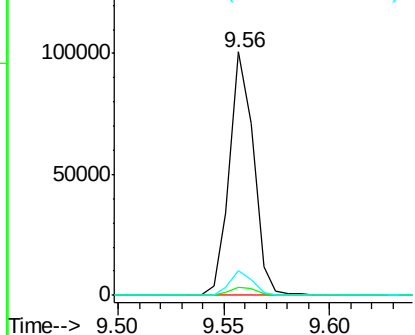
#49
Dimethylphthalate
Concen: 6.010 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 79407
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.2 12.2

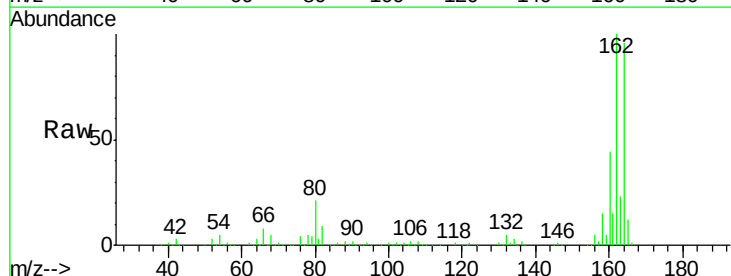


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

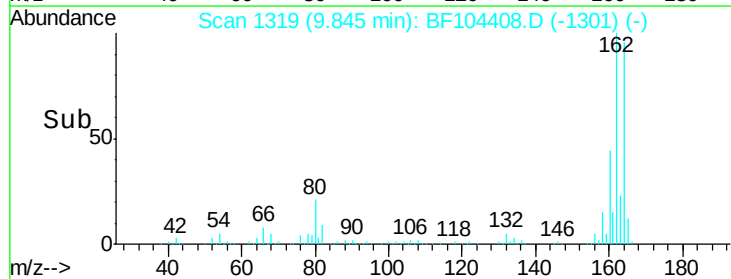
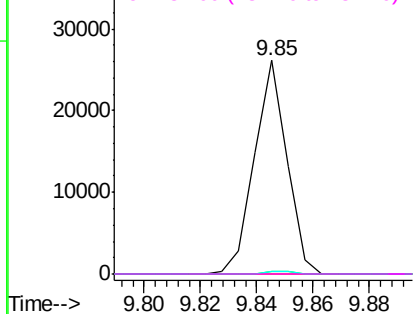


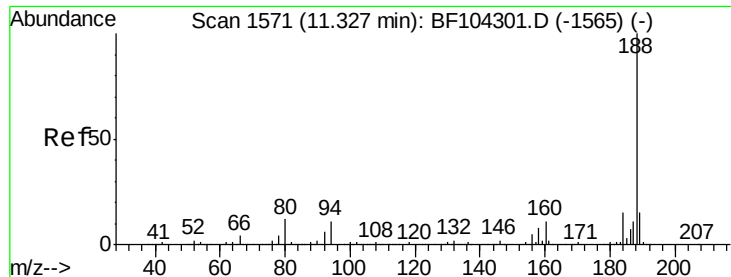
#56
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

Tgt Ion:165 Resp: 20853
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.2 57.8 86.6#
182 0.0 1.6 2.4#



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

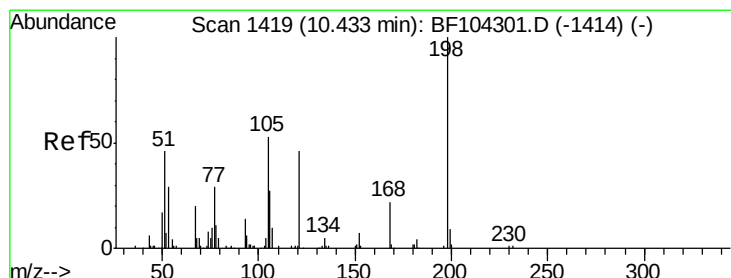
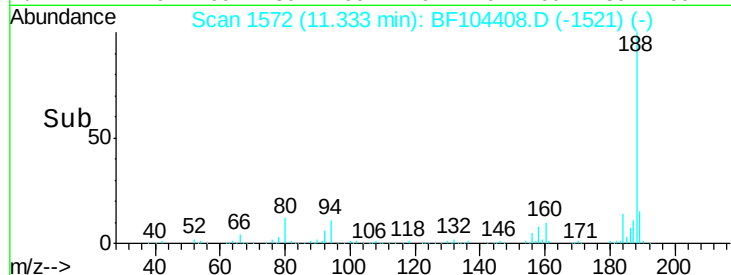
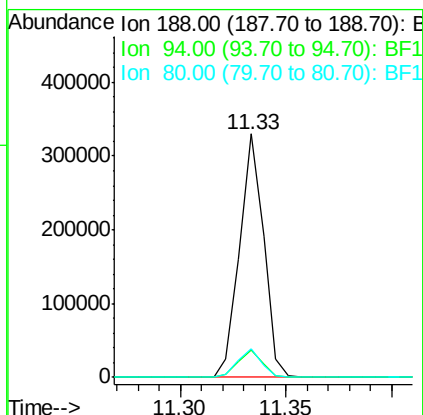
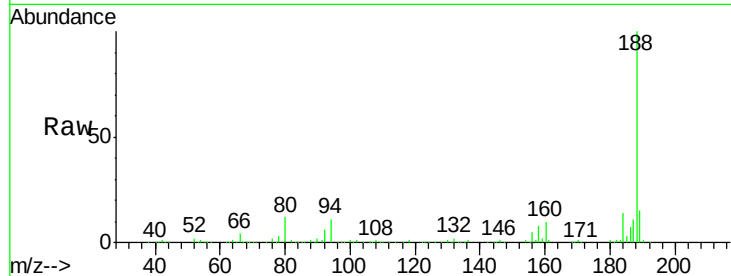




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

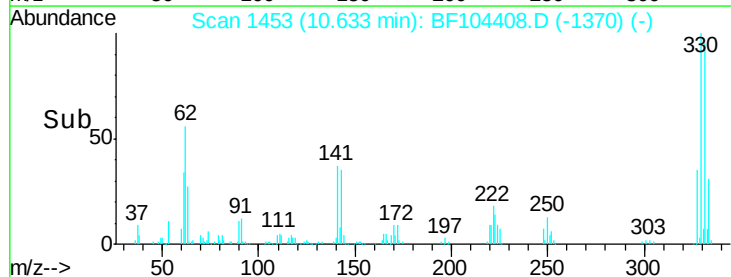
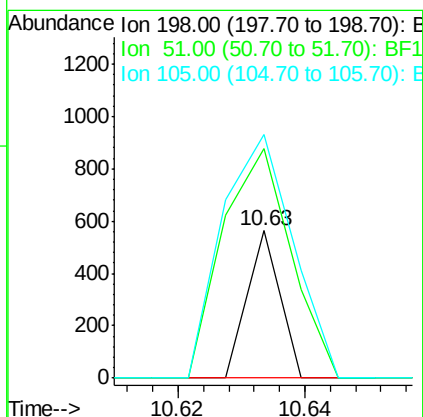
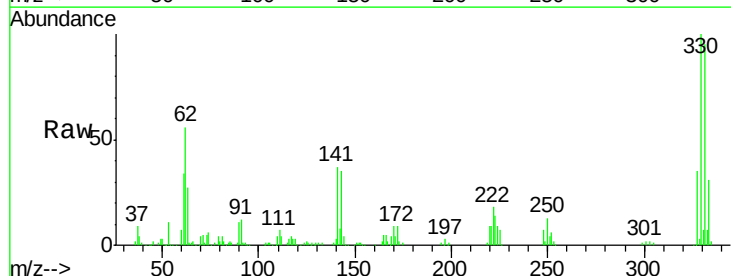
Instrument :
BNA_F
ClientSampleId :

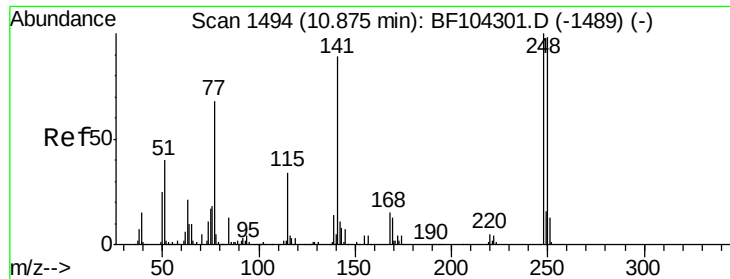
Tot Ion:188 Resp: 260426
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.480 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

Tgt Ion:198 Resp: 199
Ion Ratio Lower Upper
198 100
51 156.0 37.7 77.7#
105 165.4 36.3 76.3#

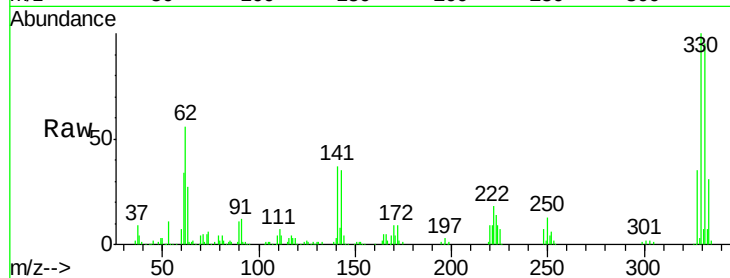




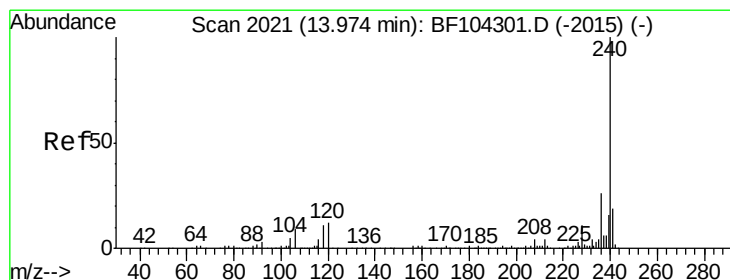
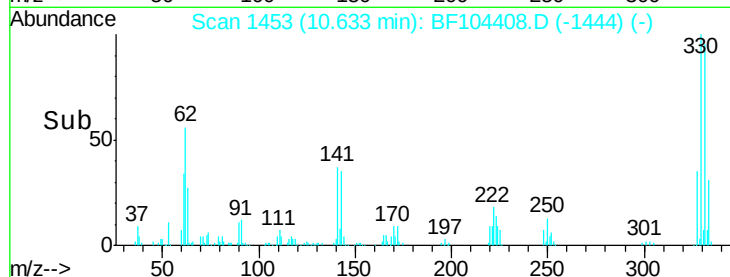
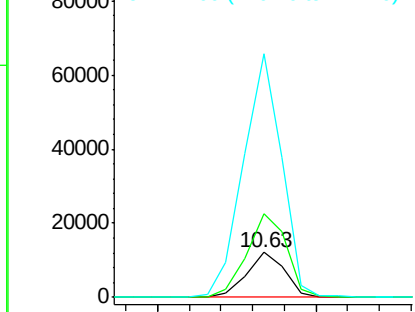
#66
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10004
Ion Ratio Lower Upper
248 100
250 185.6 76.9 115.3#
141 541.6 74.4 111.6#

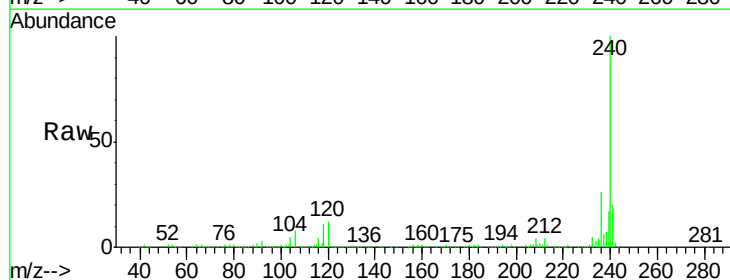


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

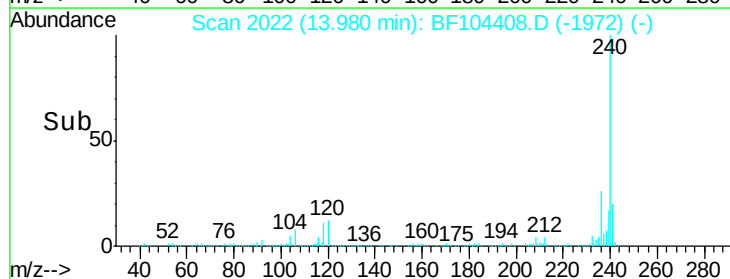
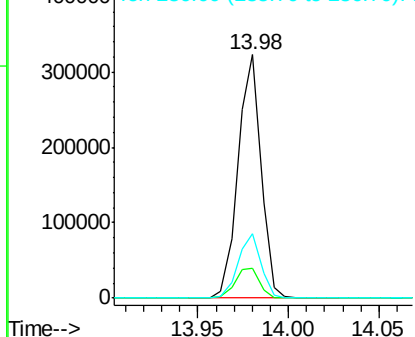


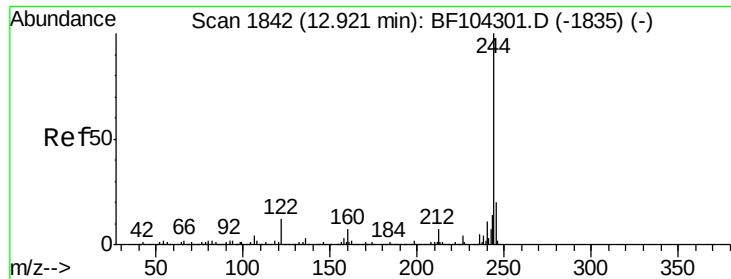
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104408.D
Acq: 10 Apr 2018 15:01

Tgt Ion:240 Resp: 284796
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 26.4 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

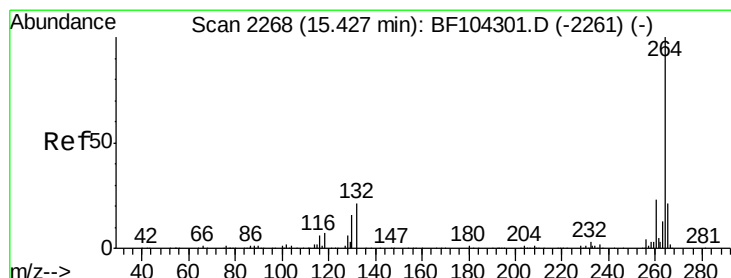
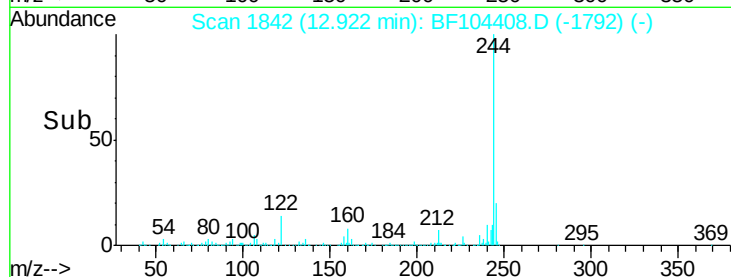
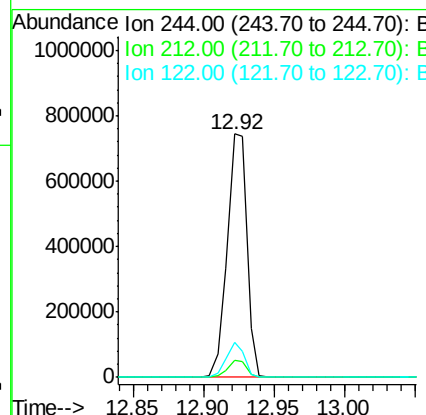
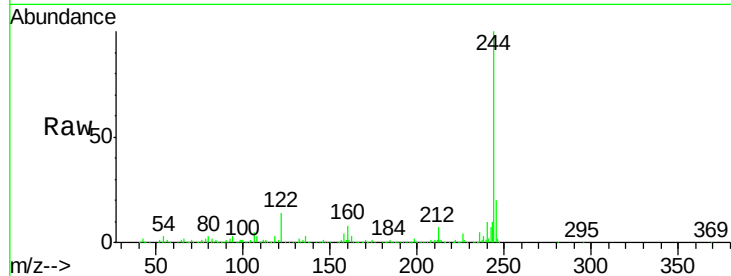




#78
 Terphenyl-d14
 Concen: 57.999 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF104408.D
 Acq: 10 Apr 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF104408.D
 Acq: 10 Apr 2018 15:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

