

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104534.D
 Acq On : 16 Apr 2018 15:12
 Operator : JU/SJ
 Sample : J2314-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 16:00:39 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

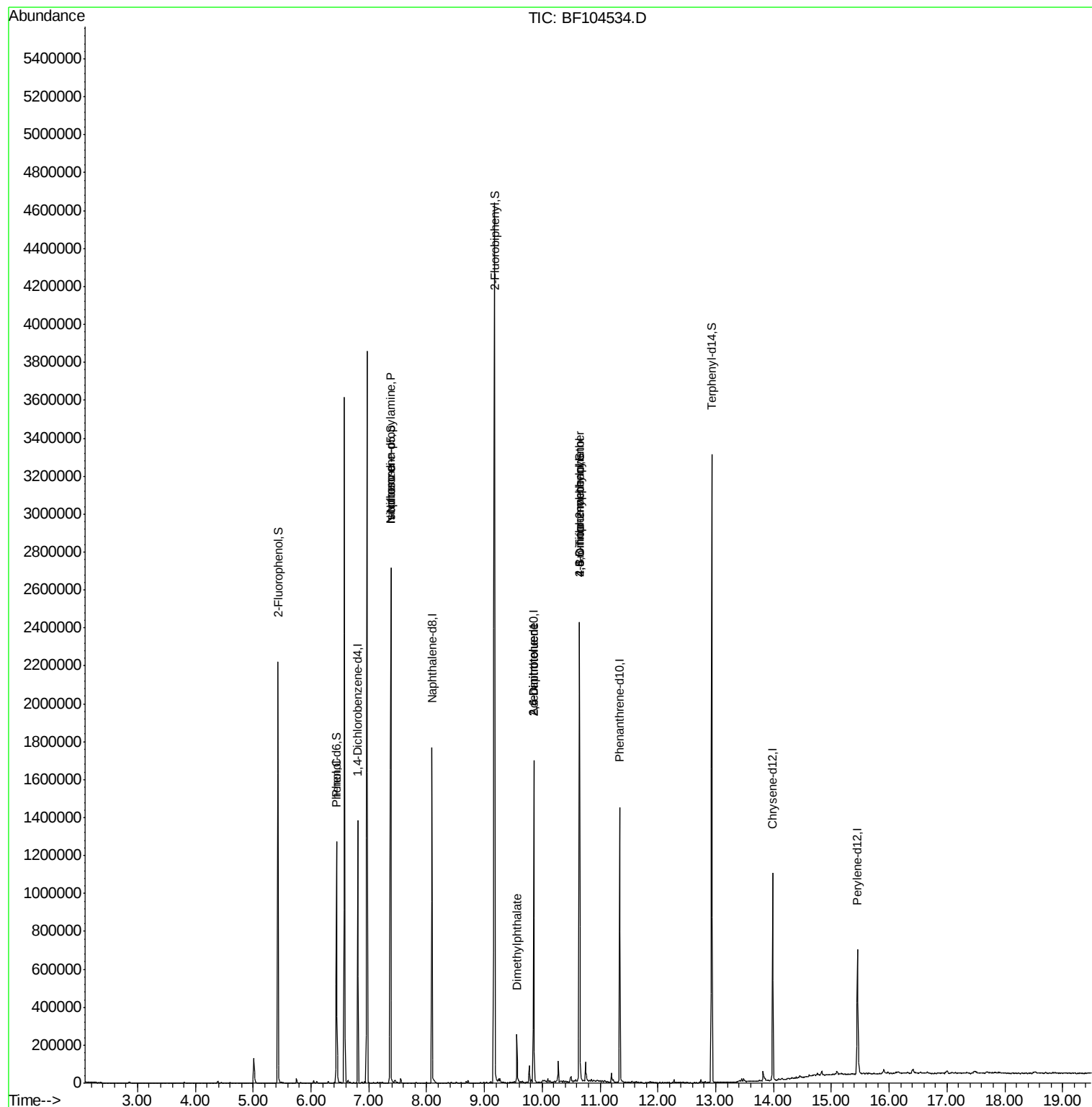
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	183688	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	738287	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	318436	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	469364	20.00	ng	0.00
75) Chrysene-d12	13.99	240	345227	20.00	ng	0.00
86) Perylene-d12	15.46	264	301686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	606022	50.45	ng	0.00
7) Phenol-d6	6.44	99	451948	30.62	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1047870	92.68	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	317483	96.11	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1619223	80.33	ng	0.00
78) Terphenyl-d14	12.93	244	1196438	79.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1105	Below Cal		Qvalue
10) Phenol	6.45	94	33013	2.108 ng	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	138865	14.397 ng	#	94
25) Isophorone	7.38	82	1046141	43.755 ng	#	71
49) Dimethylphthalate	9.56	163	92376	3.679 ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	40427	8.700 ng	#	99
56) 2,4-Dinitrotoluene	9.85	165	40427	6.633 ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.65	198	444	7.512 ng	#	23
66) 4-Bromophenyl-phenylether	10.65	248	18883	3.782 ng	#	1
76) Benzidine	12.93	184	15908	Below Cal		1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104534.D
Acq On : 16 Apr 2018 15:12
Operator : JU/SJ
Sample : J2314-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 16 16:00:39 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 16 12:15:25 2018
Response via : Initial Calibration



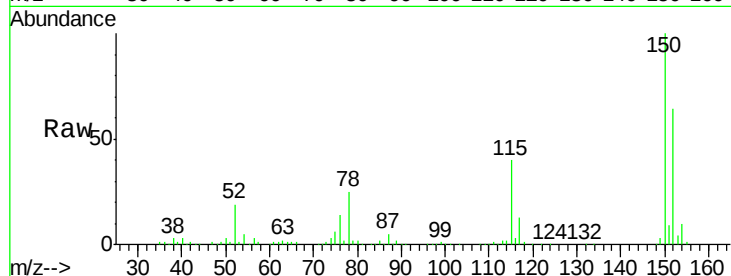


#1

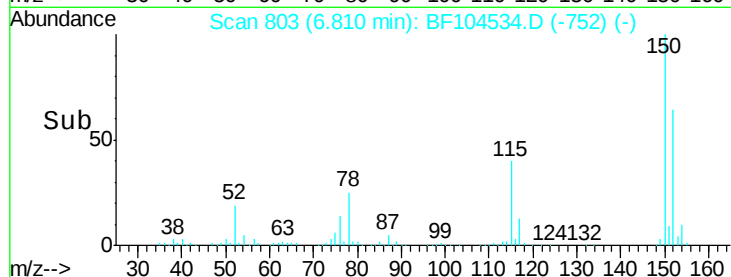
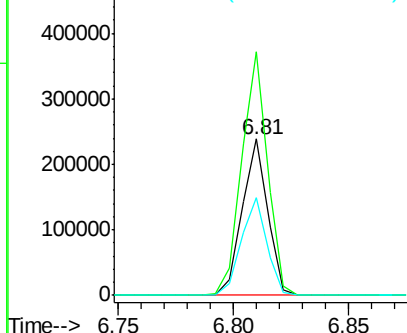
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 183688
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.4 50.1 75.1



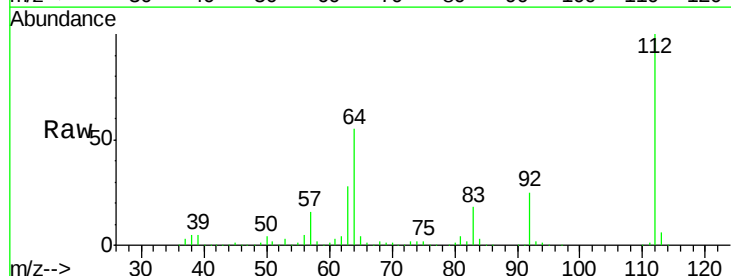
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



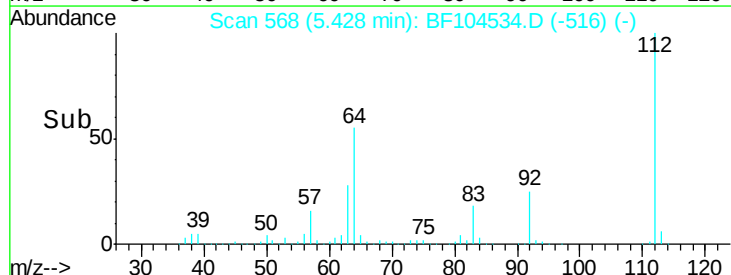
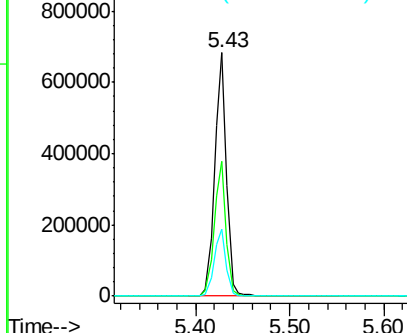
#5

2-Fluorophenol
Concen: 50.446 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Tgt Ion:112 Resp: 606022
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.6 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: 30.619 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104534.D

Acq: 16 Apr 2018 15:12

Instrument :

BNA_F

ClientSampleId :

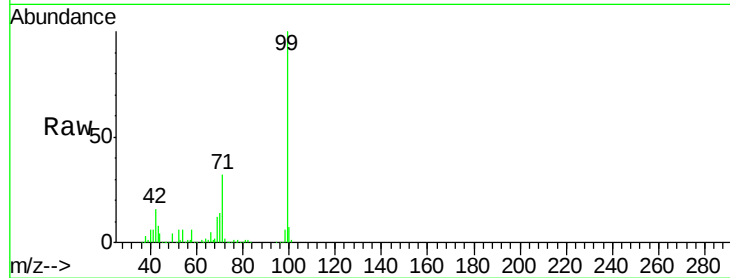
Tot Ion: 99 Resp: 451948

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

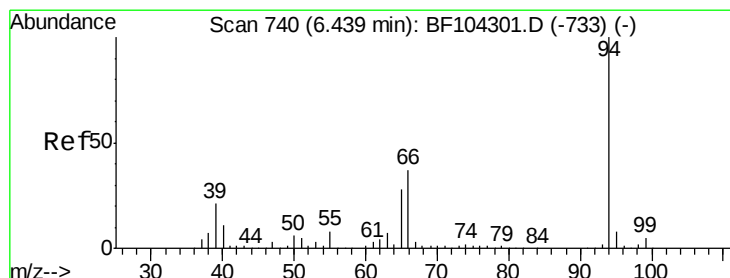
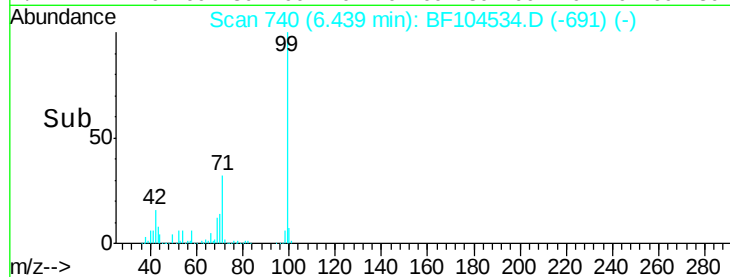
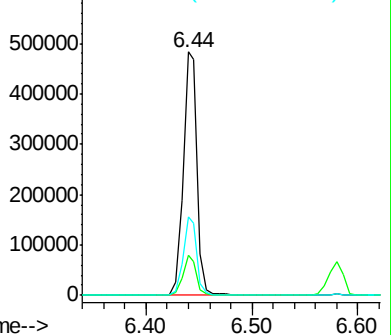
71 32.0 25.4 38.0



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



#10

Phenol

Concen: 2.108 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104534.D

Acq: 16 Apr 2018 15:12

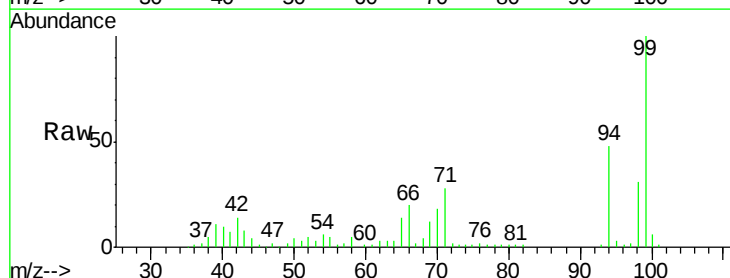
Tgt Ion: 94 Resp: 33013

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

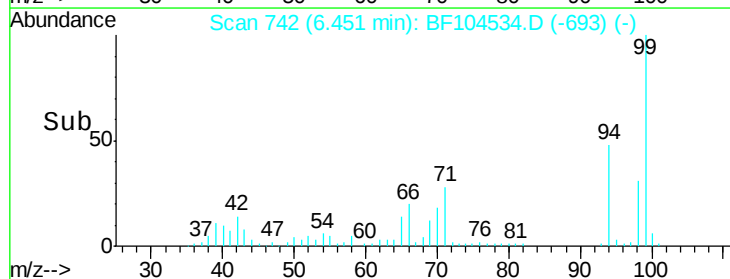
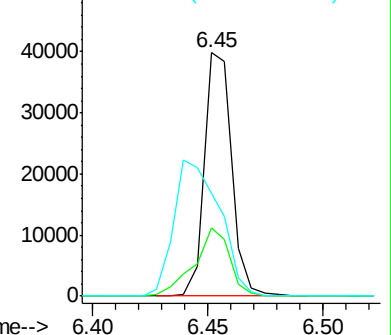
66 42.0 16.2 56.2

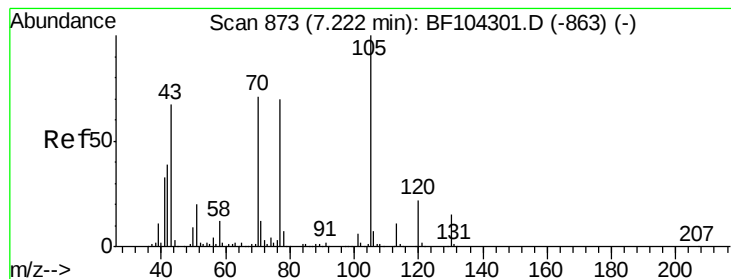


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 14.397 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF104534.D

Acq: 16 Apr 2018 15:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 138865

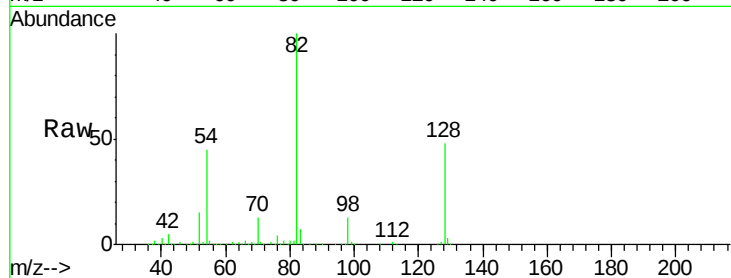
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

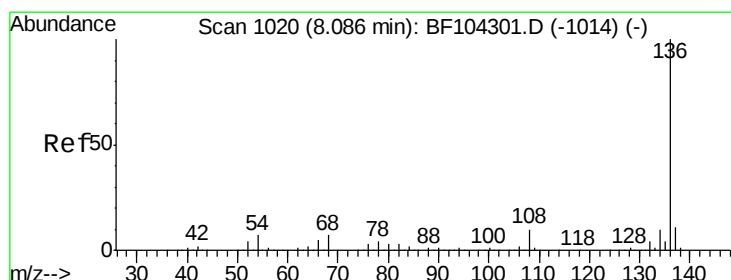
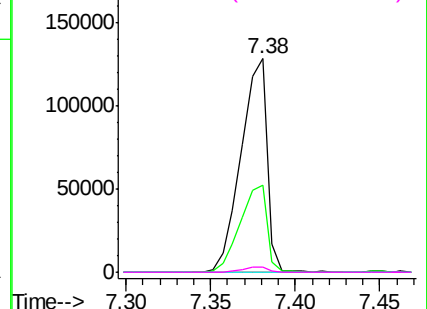
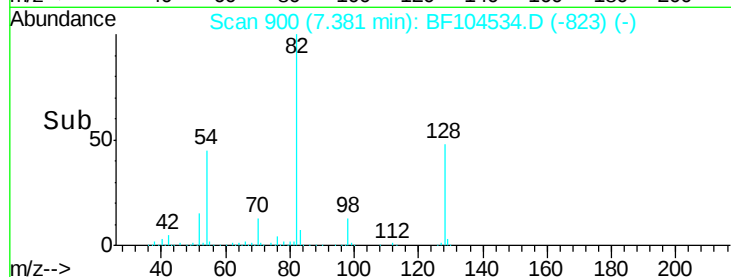


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104534.D

Acq: 16 Apr 2018 15:12

Tgt Ion:136 Resp: 738287

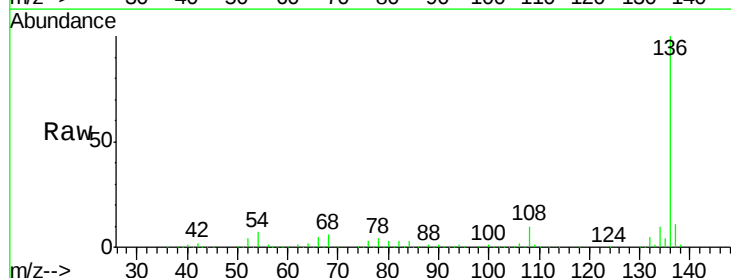
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 6.6 9.8

68 6.4 5.0 7.4

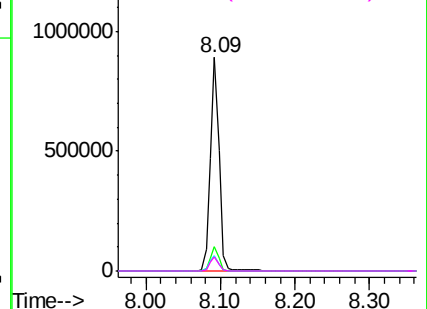
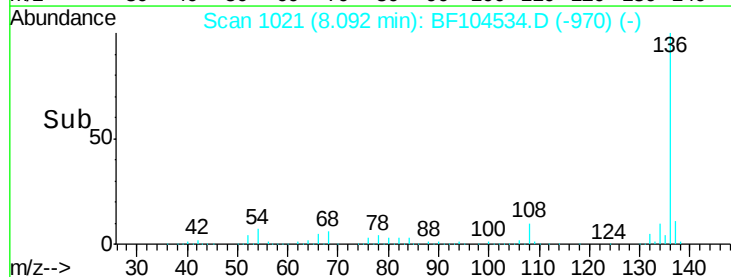


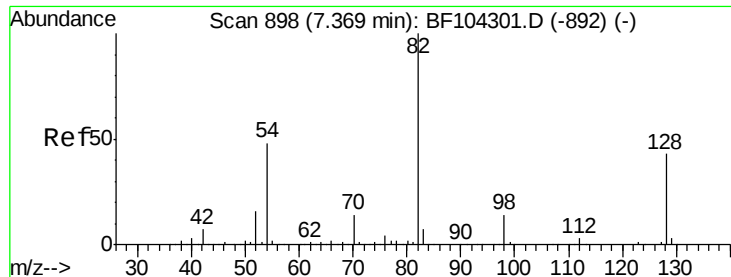
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

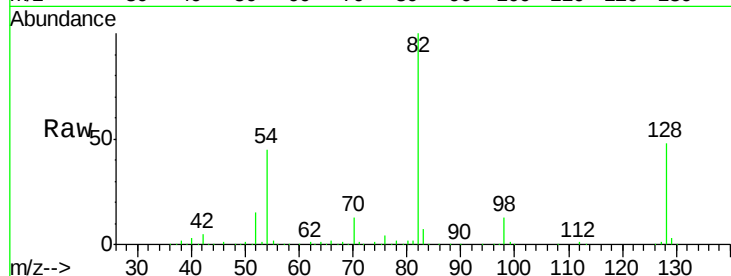




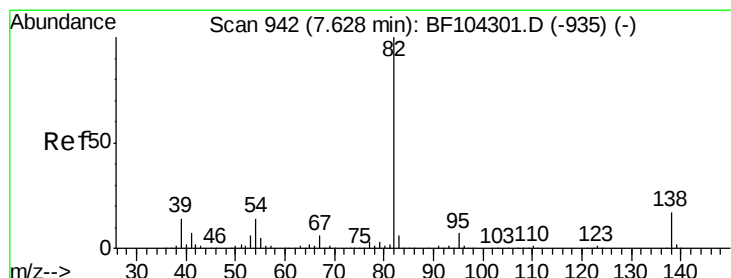
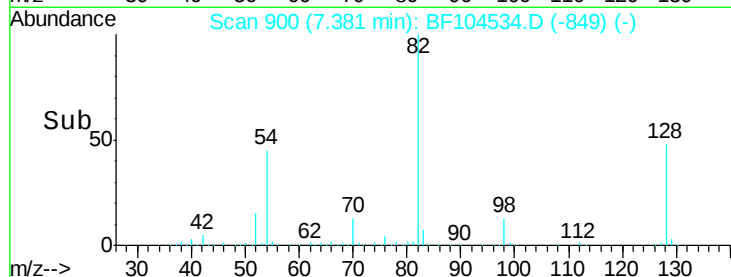
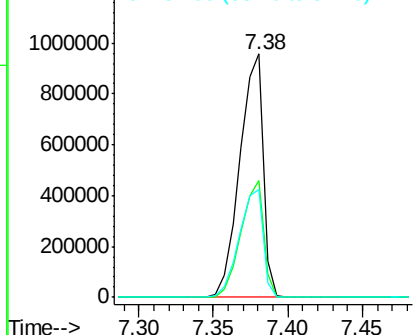
#23
Nitrobenzene-d5
Concen: 92.679 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1047870
Ion Ratio Lower Upper
82 100
128 47.8 36.1 54.1
54 44.5 41.4 62.2

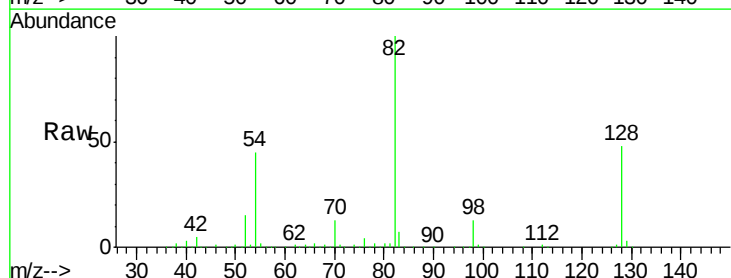


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

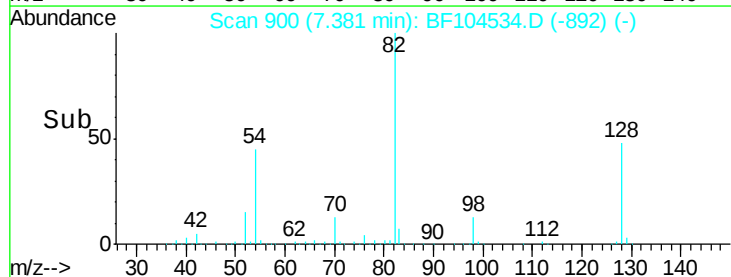
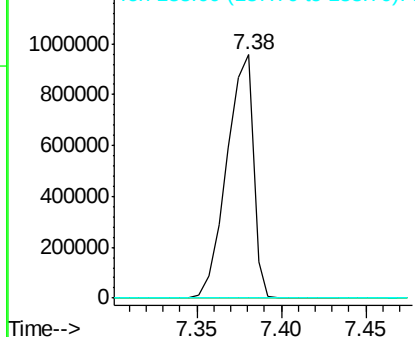


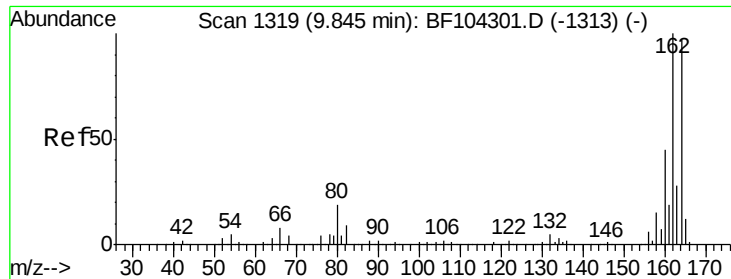
#25
Isophorone
Concen: 43.755 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.25 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Tgt Ion: 82 Resp: 1046141
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

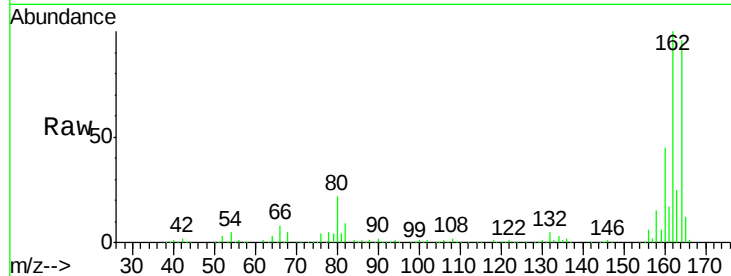




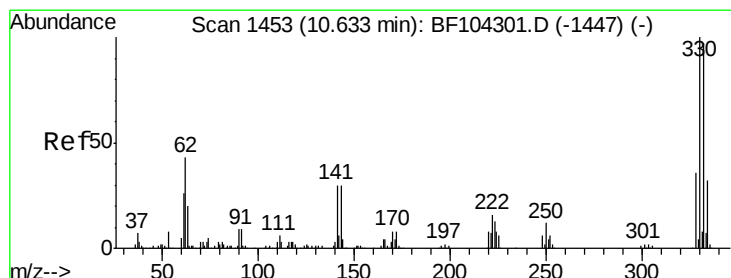
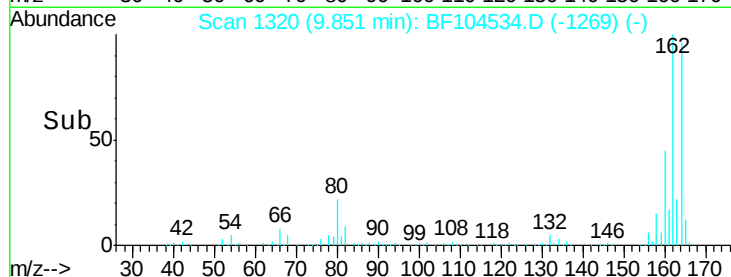
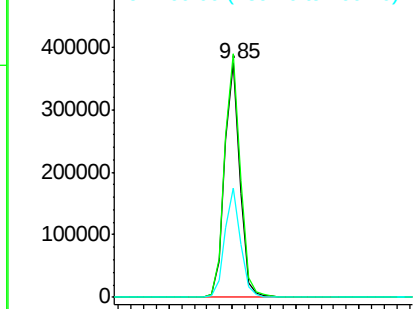
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 318436
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 46.5 38.3 57.5

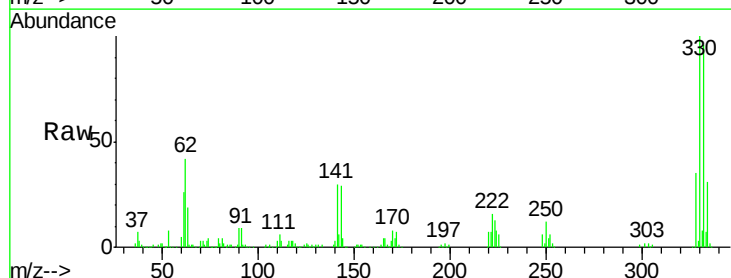


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

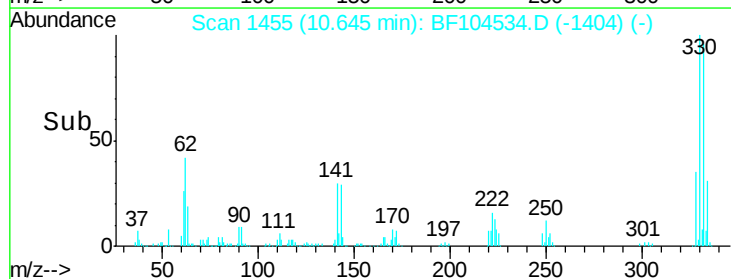
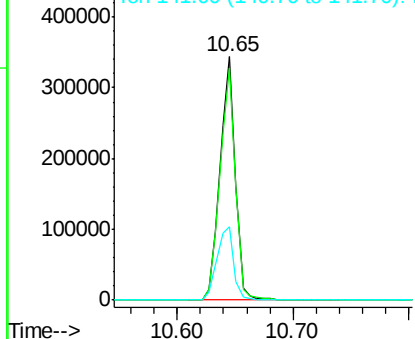


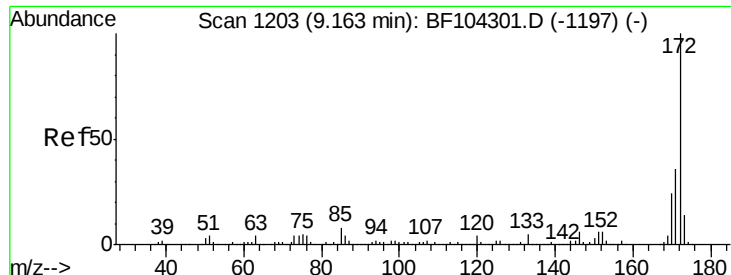
#41
 2,4,6-Tribromophenol
 Concen: 96.113 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

Tgt Ion:330 Resp: 317483
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.9 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

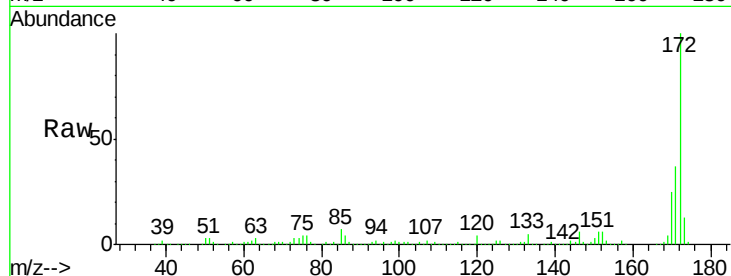




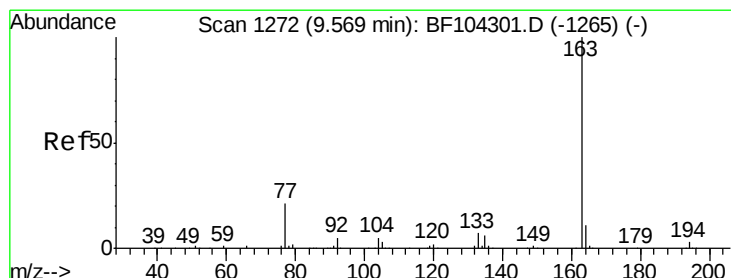
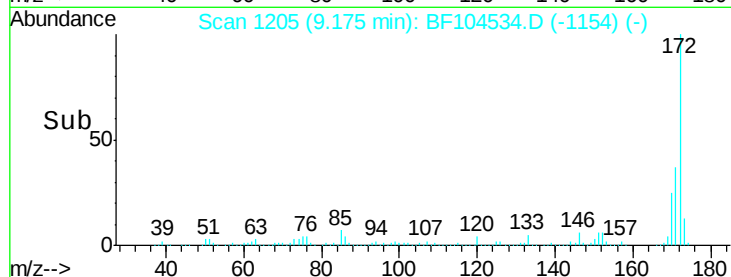
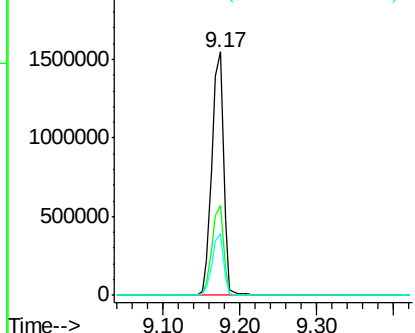
#44
2-Fluorobiphenyl
Concen: 80.329 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1619223
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 25.2 19.6 29.4

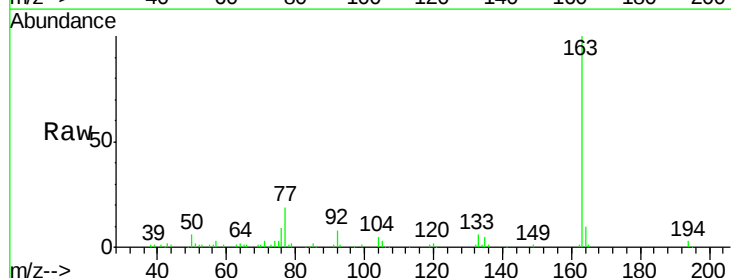


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

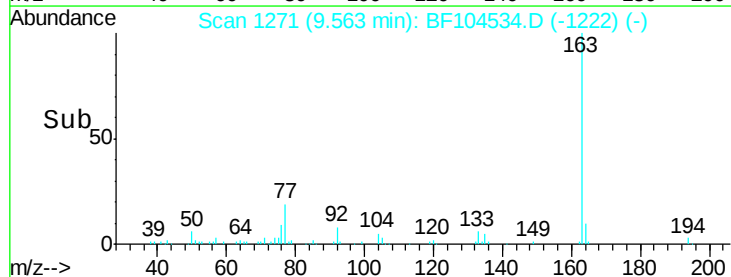
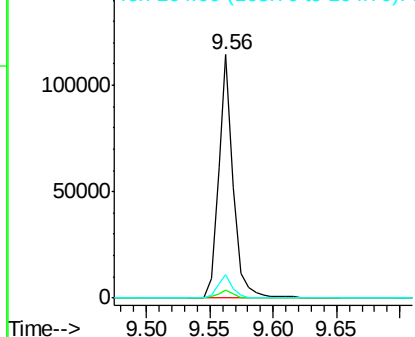


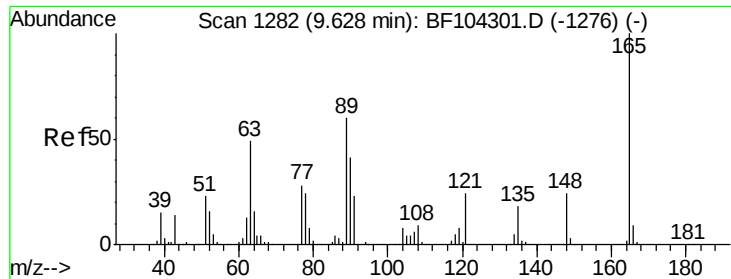
#49
Dimethylphthalate
Concen: 3.679 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Tgt Ion:163 Resp: 92376
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 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

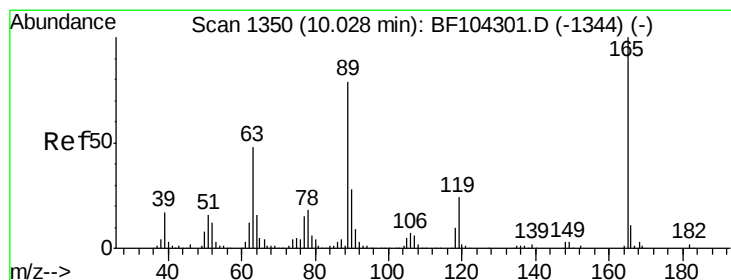
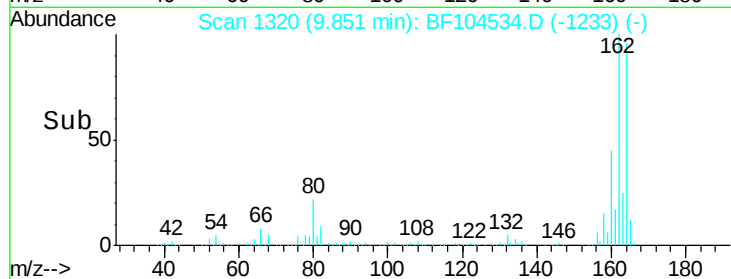
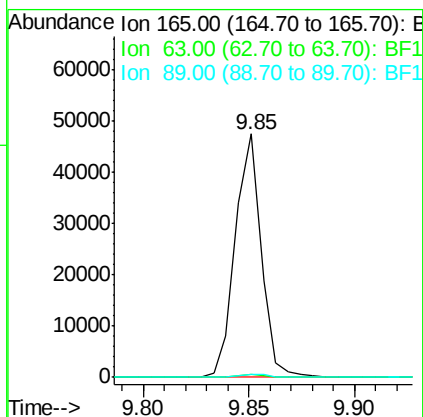
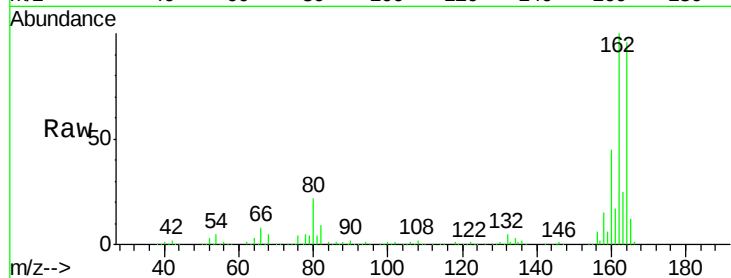




#50
 2,6-Dinitrotoluene
 Concen: 8.700 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

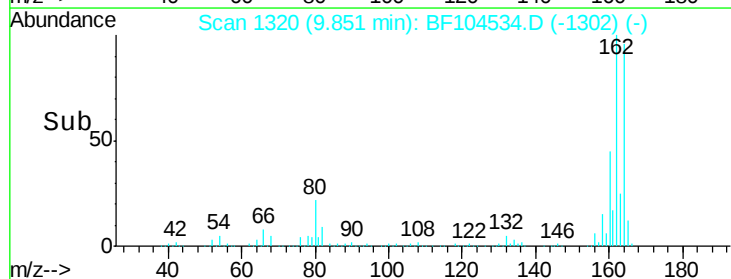
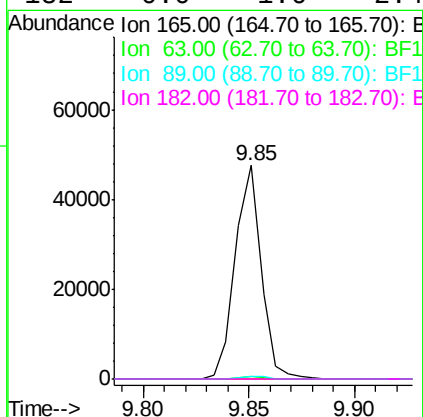
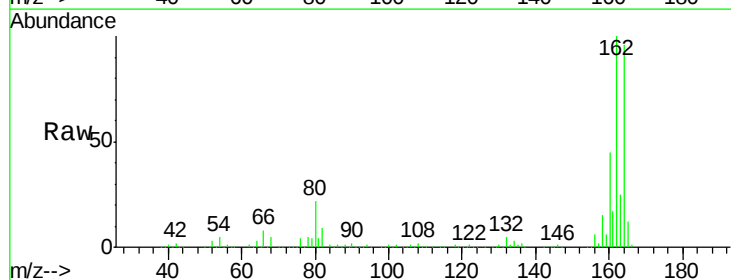
Instrument :
 BNA_F
 ClientSampleId :

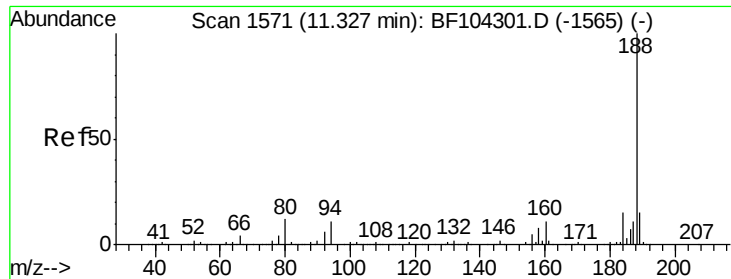
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.633 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

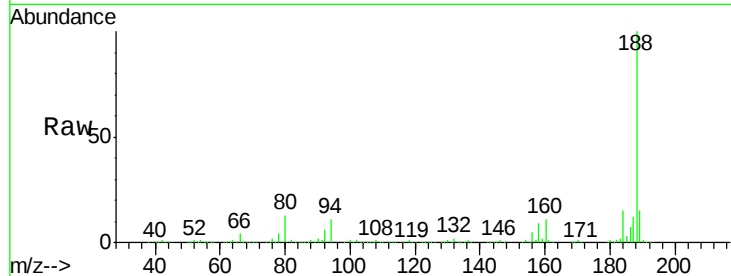




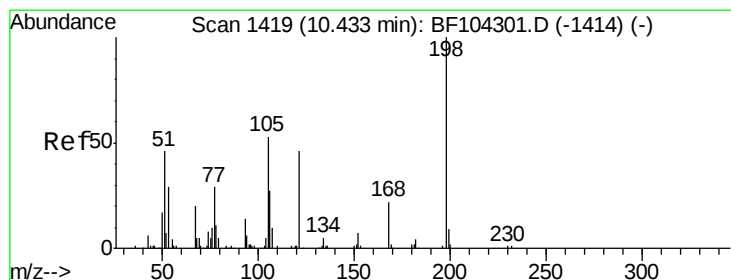
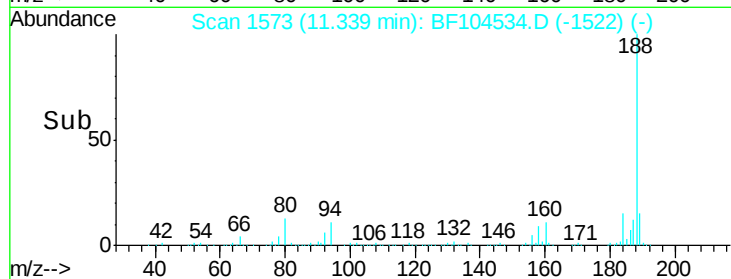
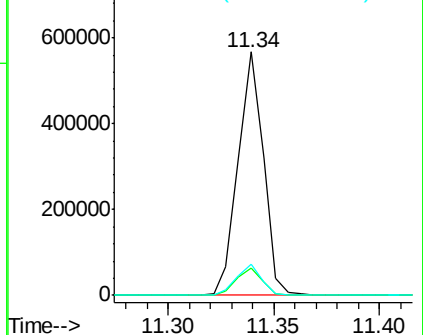
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 469364
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.6 9.2 13.8

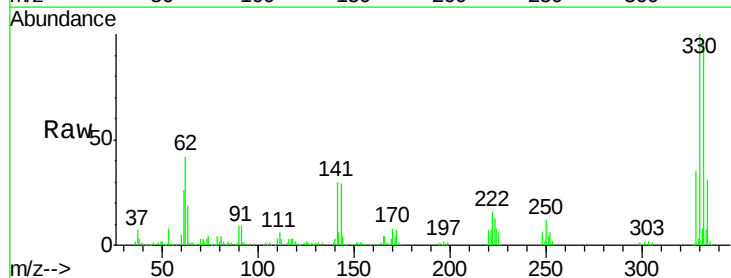


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

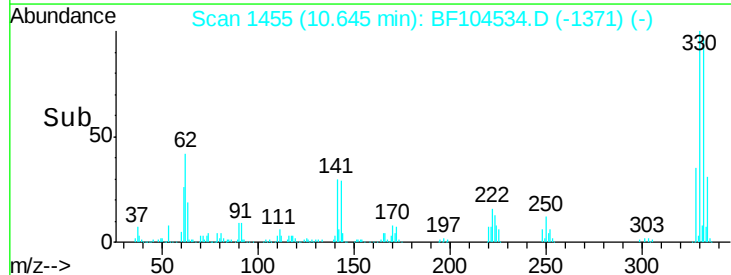
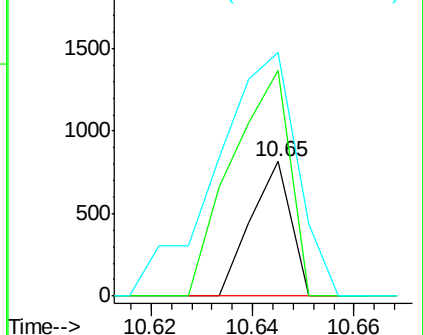


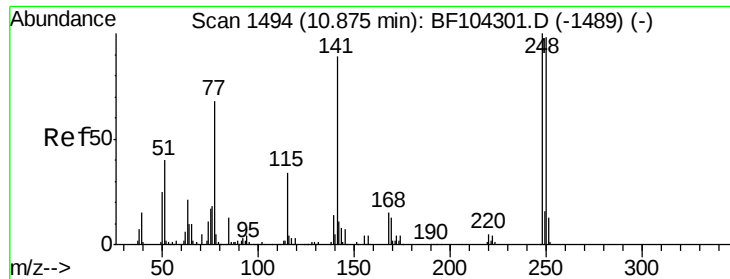
#64
4,6-Dinitro-2-methylphenol
Concen: 7.512 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.19 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Tgt Ion:198 Resp: 444
Ion Ratio Lower Upper
198 100
51 167.4 37.7 77.7#
105 180.9 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

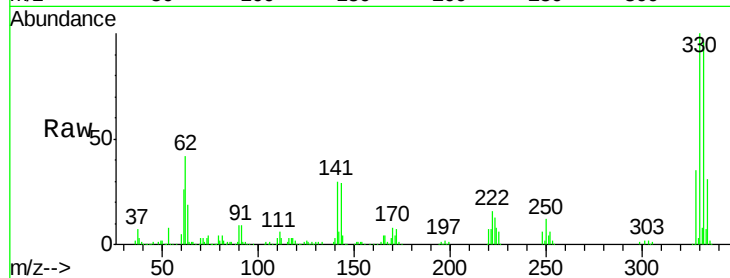




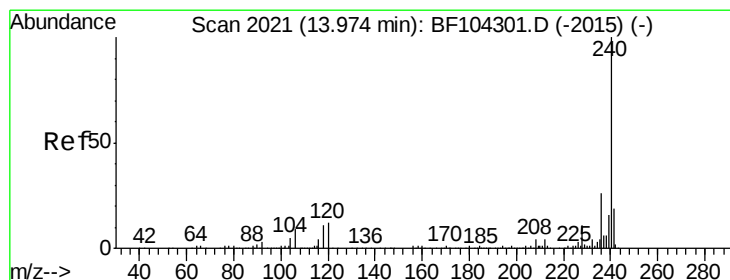
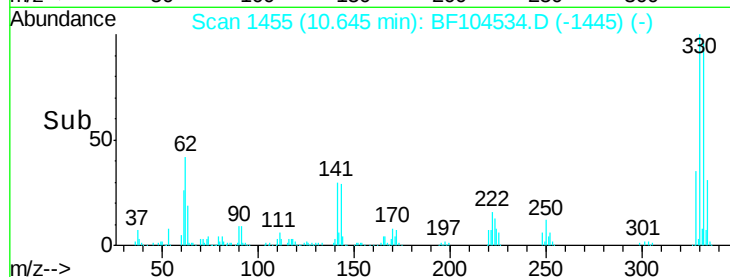
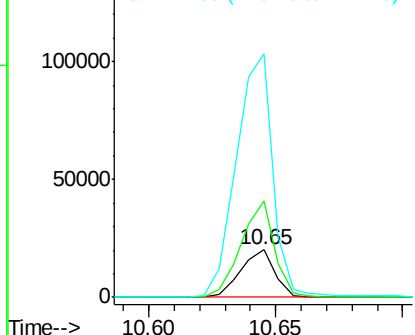
#66
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18883
Ion Ratio Lower Upper
248 100
250 203.5 76.9 115.3#
141 515.0 74.4 111.6#

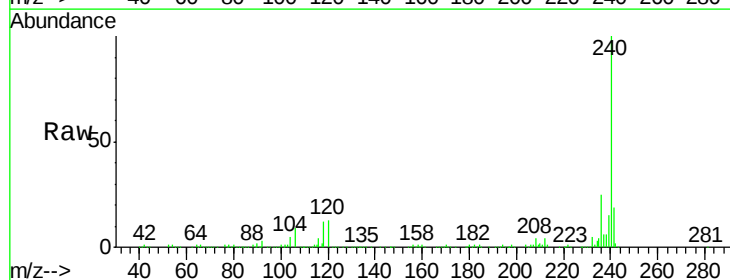


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

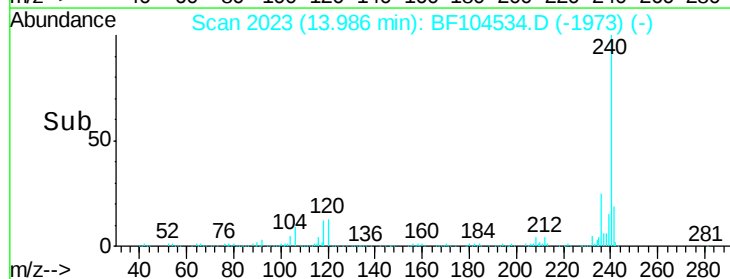
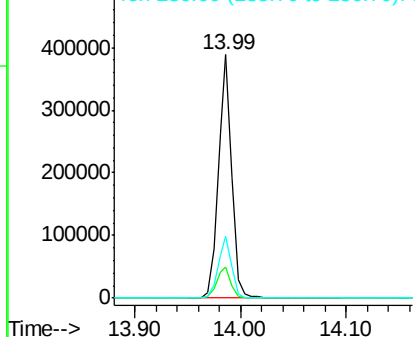


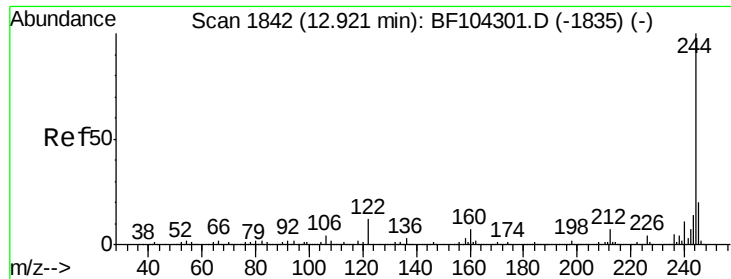
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104534.D
Acq: 16 Apr 2018 15:12

Tgt Ion:240 Resp: 345227
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.4 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

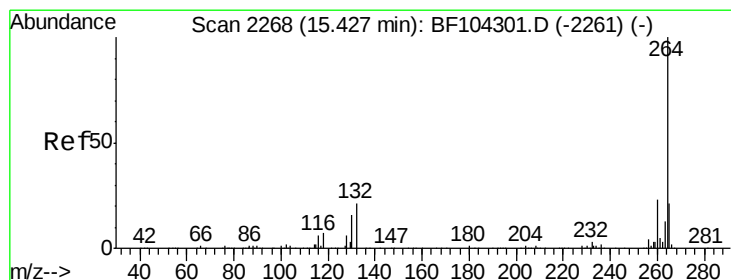
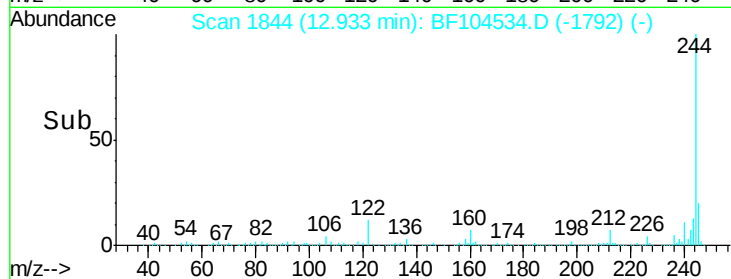
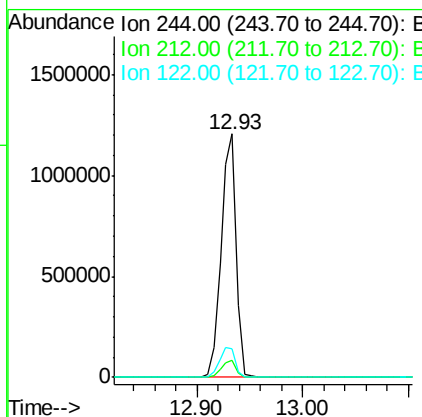
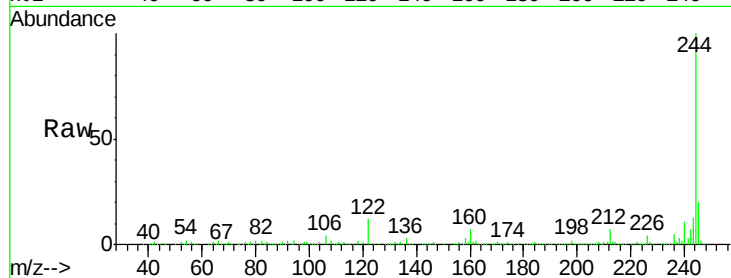




#78
 Terphenyl-d14
 Concen: 79.011 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1196438
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BF104534.D
 Acq: 16 Apr 2018 15:12

Tgt Ion:264 Resp: 301686
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.5 17.5 26.3

