

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104543.D
 Acq On : 16 Apr 2018 20:01
 Operator : JU/SJ
 Sample : J2369-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

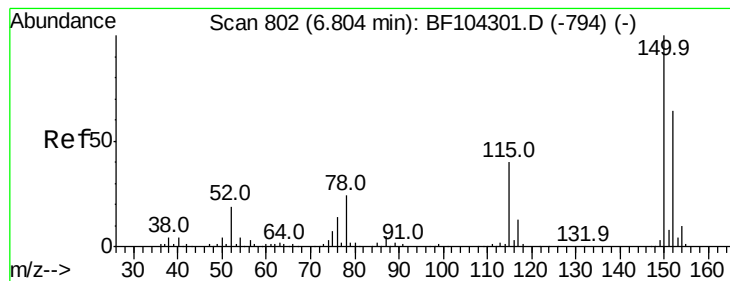
Quant Time: Apr 17 00:56:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	170017	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	698189	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	310292	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	540956	20.00	ng	0.00
75) Chrysene-d12	13.99	240	336807	20.00	ng	0.00
86) Perylene-d12	15.45	264	334336	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	862446	77.56	ng	0.00
7) Phenol-d6	6.45	99	1163986	85.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	730649	68.33	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	285560	88.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1187587	60.46	ng	0.00
78) Terphenyl-d14	12.93	244	1044893	70.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	2196	Below Cal		# 1
10) Phenol	6.46	94	58079	4.007	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	95481	10.695	ng	# 74
25) Isophorone	7.37	82	725966	32.108	ng	# 64
49) Dimethylphthalate	9.56	163	172695	7.058	ng	100
53) 2,4-Dinitrophenol	10.18	184	361	5.417	ng	# 1
56) 2,4-Dinitrotoluene	9.85	165	41098	6.920	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.39	198	254	7.429	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	17241	2.996	ng	# 1
76) Benzidine	12.93	184	14206	Below Cal		99

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

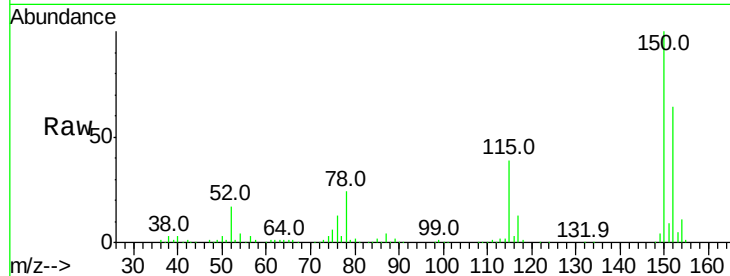


#1

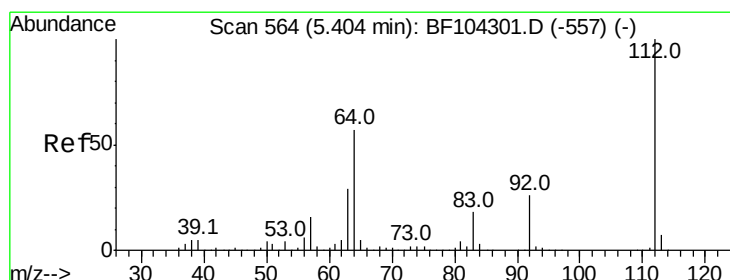
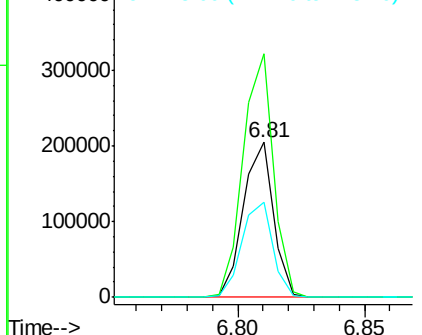
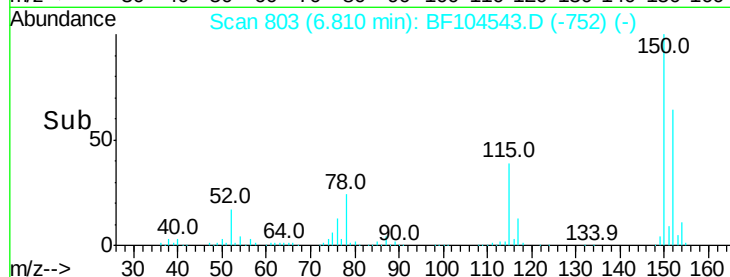
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170017
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.5 50.1 75.1



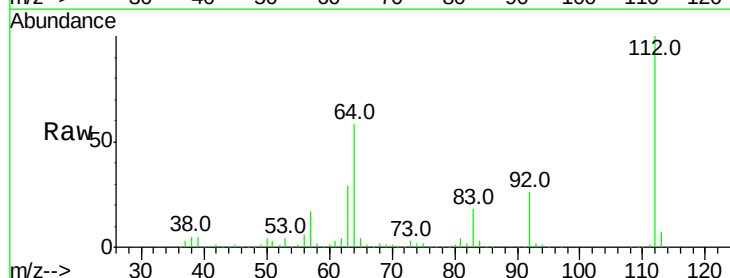
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



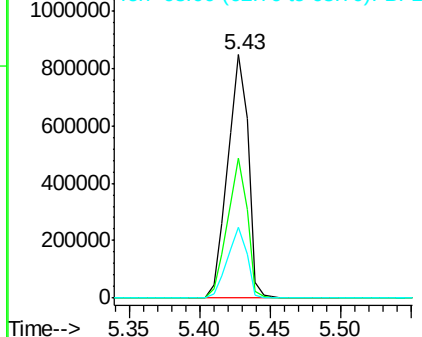
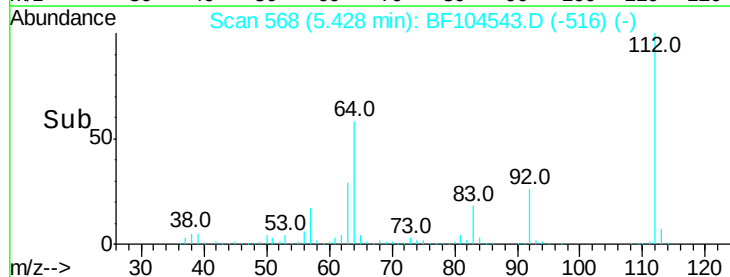
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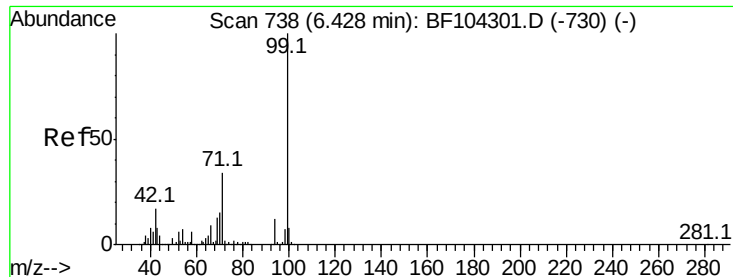
2-Fluorophenol
Concen: 77.564 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Tgt Ion:112 Resp: 862446
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 29.0 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: 85.200 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

Instrument :

BNA_F

ClientSampleId :

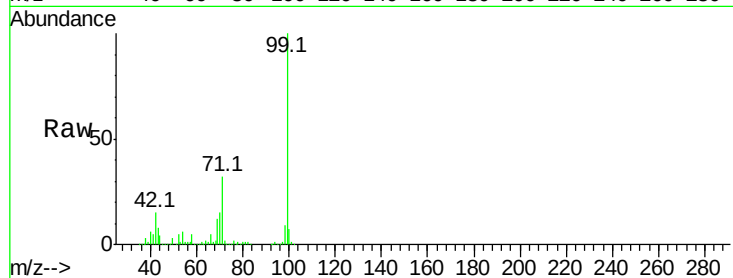
Tot Ion: 99 Resp: 1163986

Ion Ratio Lower Upper

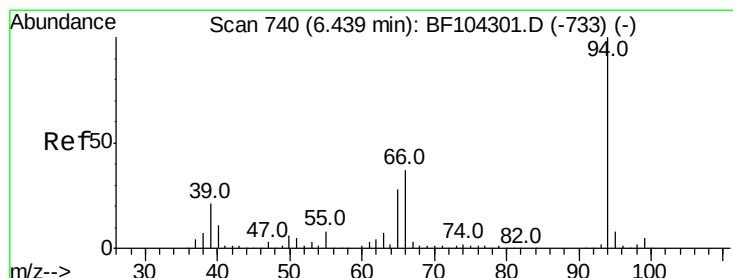
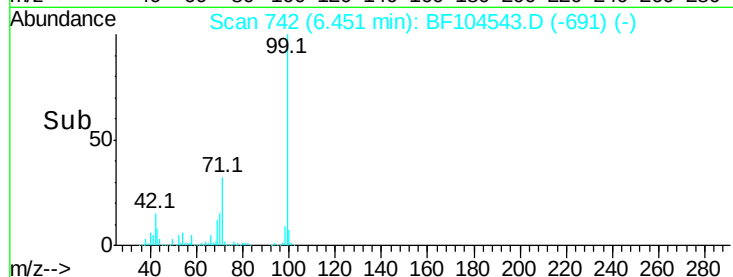
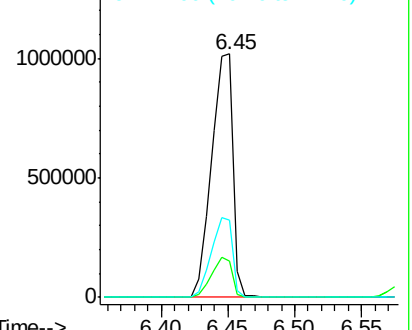
99 100

42 15.0 14.5 21.7

71 31.6 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: 4.007 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF104543.D

Acq: 16 Apr 2018 20:01

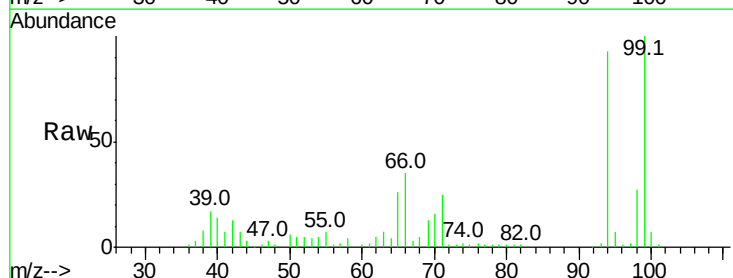
Tgt Ion: 94 Resp: 58079

Ion Ratio Lower Upper

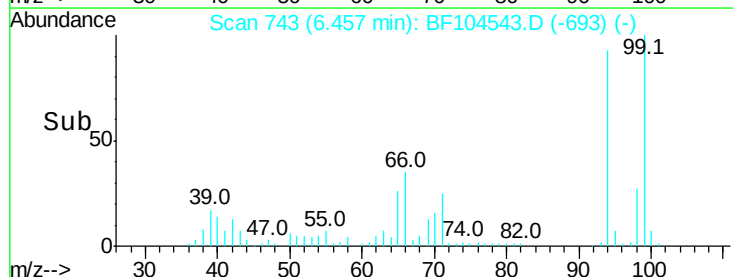
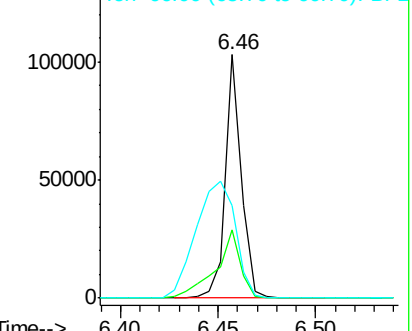
94 100

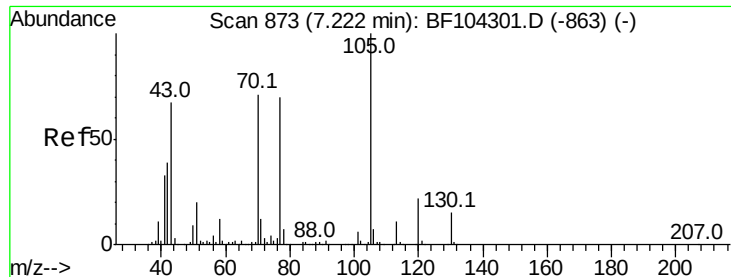
65 28.1 7.9 47.9

66 38.1 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

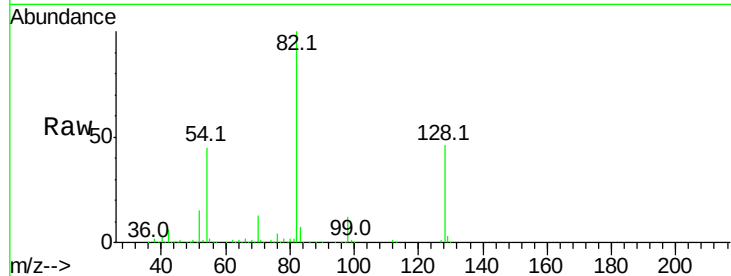




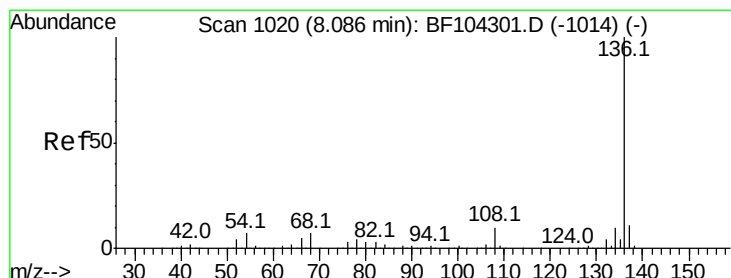
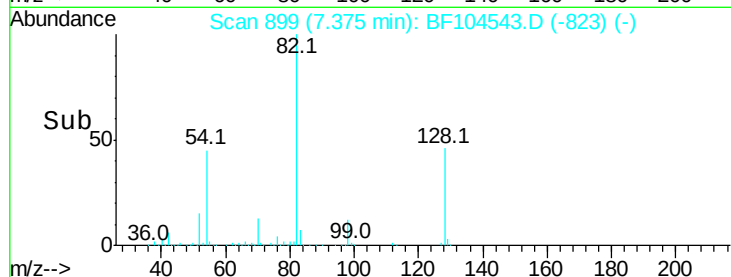
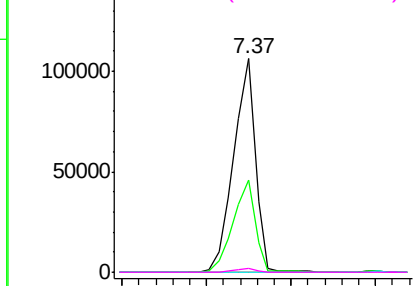
#19
n-Nitroso-di-n-propylamine
Concen: 10.695 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 95481
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#

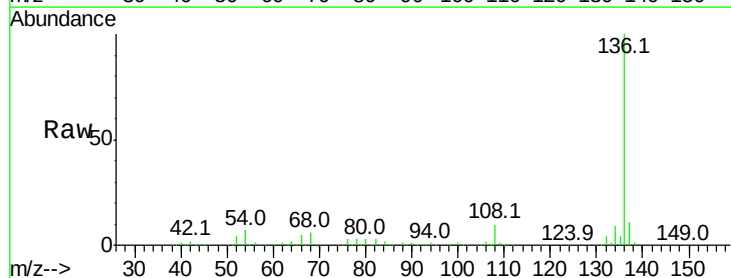


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

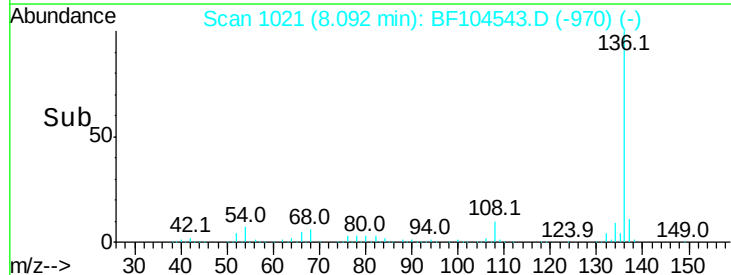
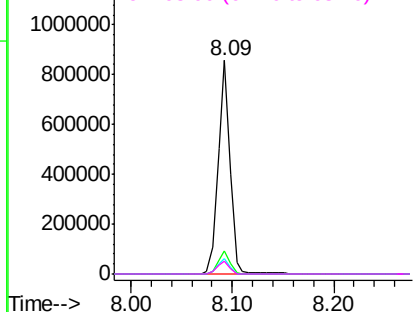


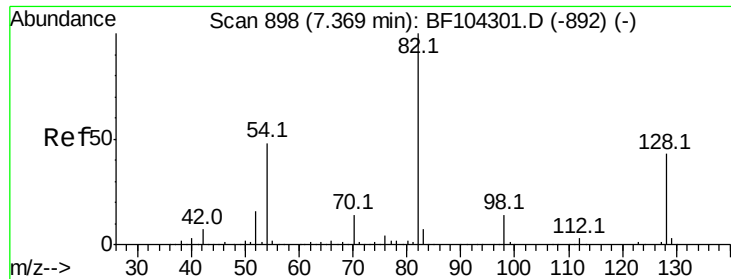
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Tgt Ion:136 Resp: 698189
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.0 6.6 9.8
68 6.3 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

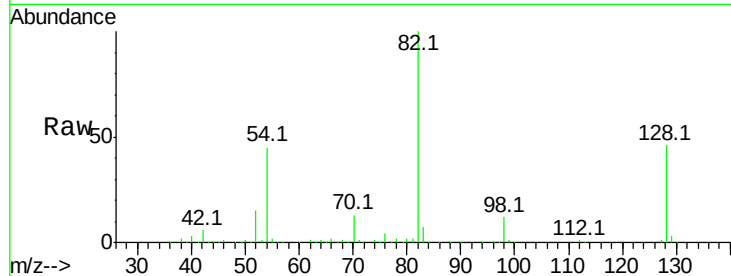




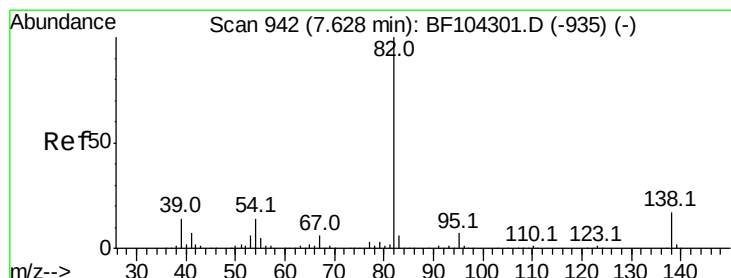
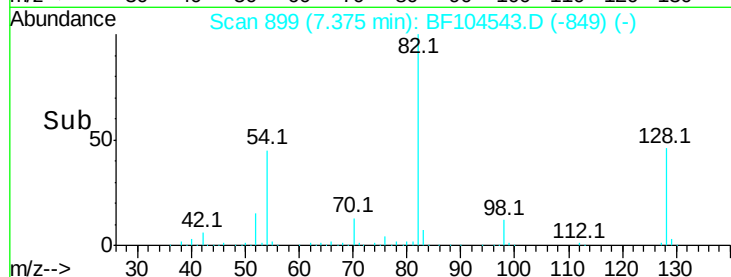
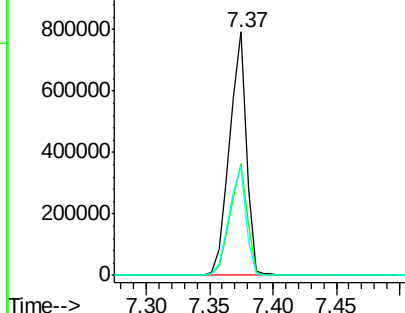
#23
Nitrobenzene-d5
Concen: 68.334 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 730649
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 45.1 41.4 62.2

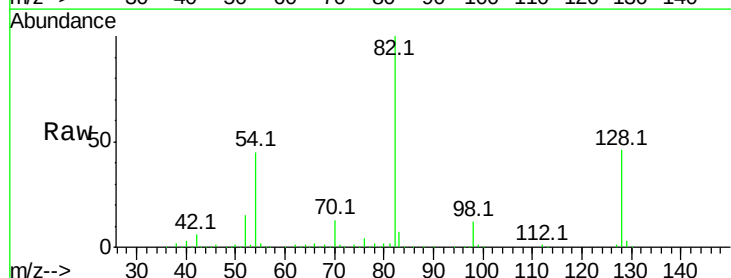


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

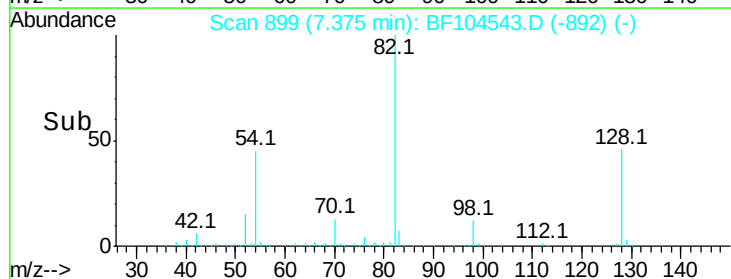
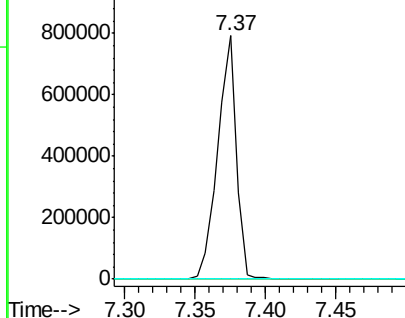


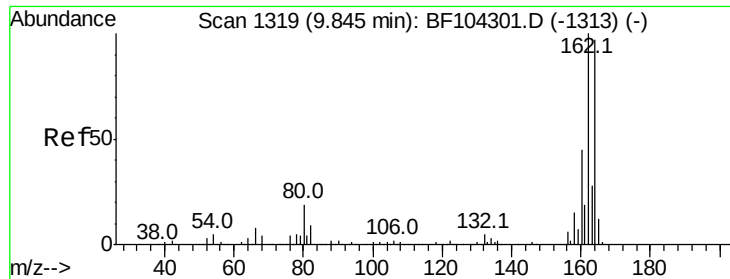
#25
Isophorone
Concen: 32.108 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104543.D
Acq: 16 Apr 2018 20:01

Tgt Ion: 82 Resp: 725966
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

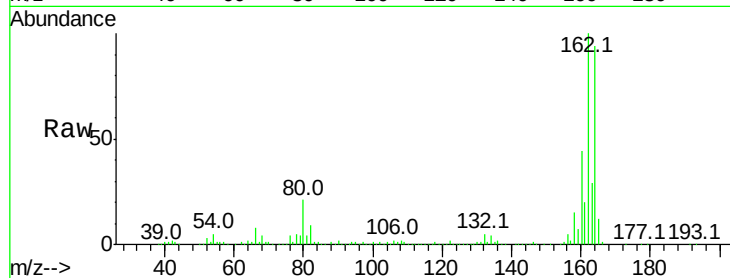




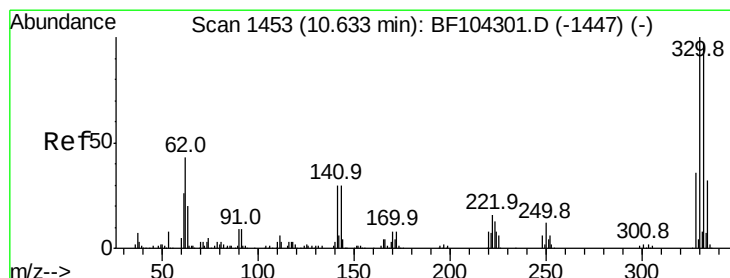
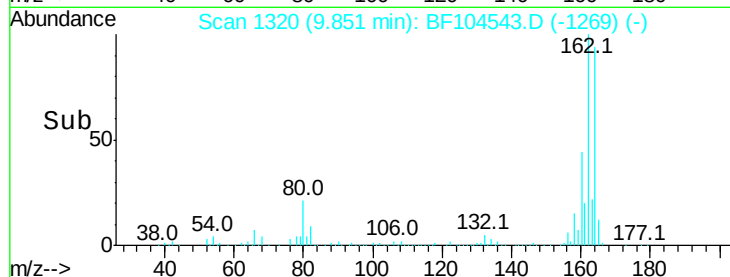
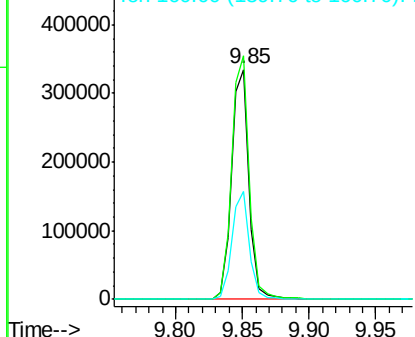
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 310292
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.9 38.3 57.5

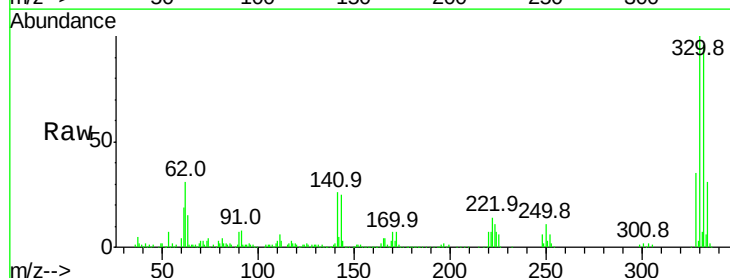


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

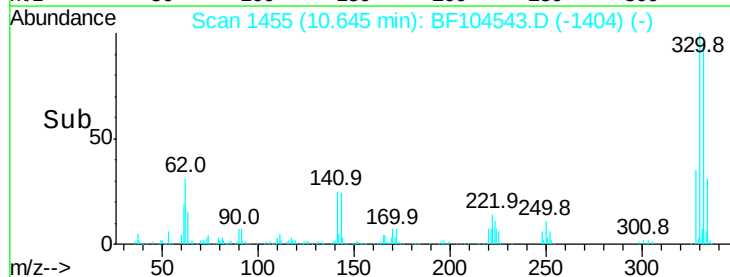
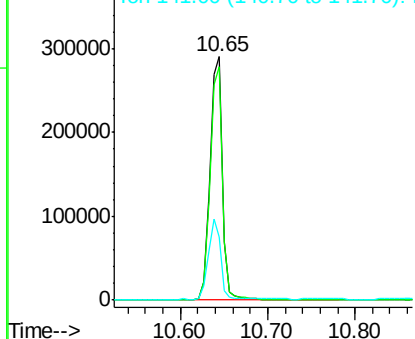


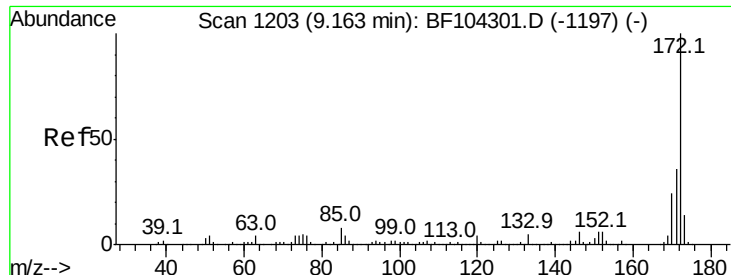
#41
 2,4,6-Tribromophenol
 Concen: 88.718 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:330 Resp: 285560
 Ion Ratio Lower Upper
 330 100
 332 95.5 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



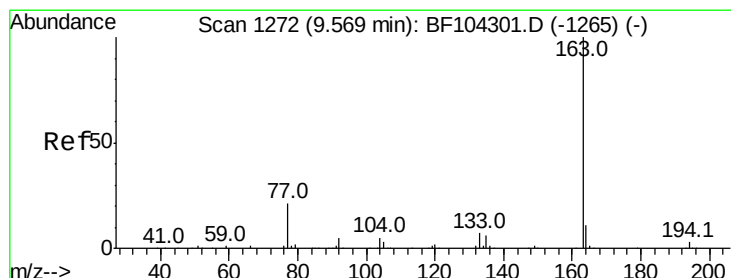
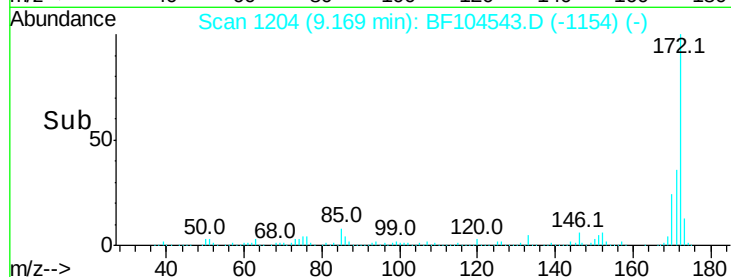
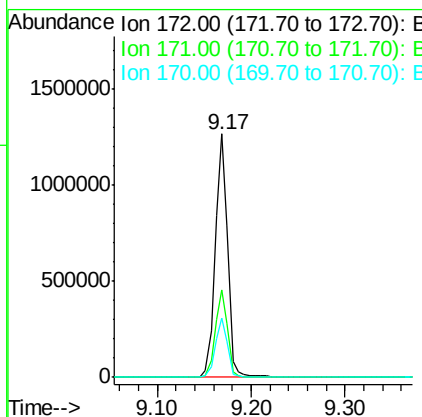
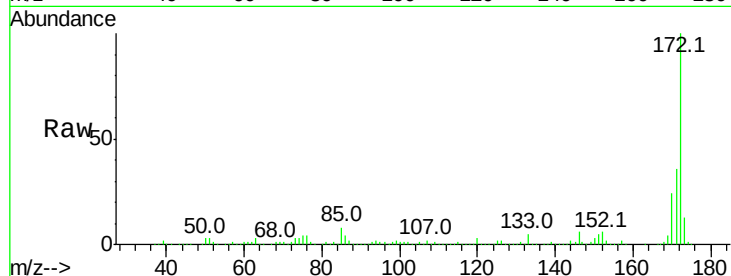


#44
 2-Fluorobiphenyl
 Concen: 60.462 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1187587

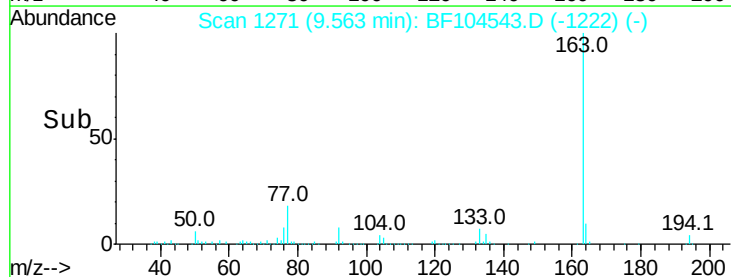
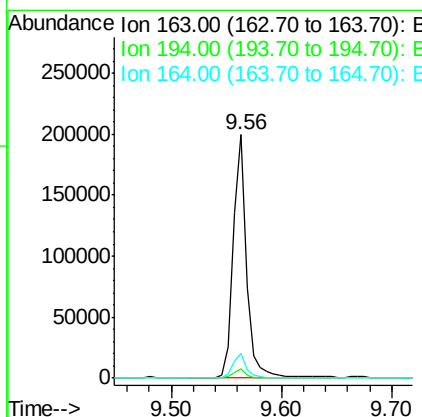
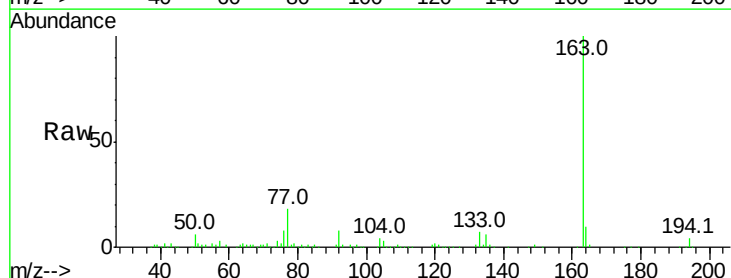
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

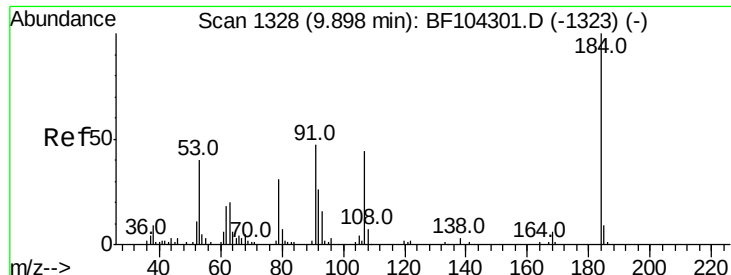


#49
 Dimethylphthalate
 Concen: 7.058 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:163 Resp: 172695

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

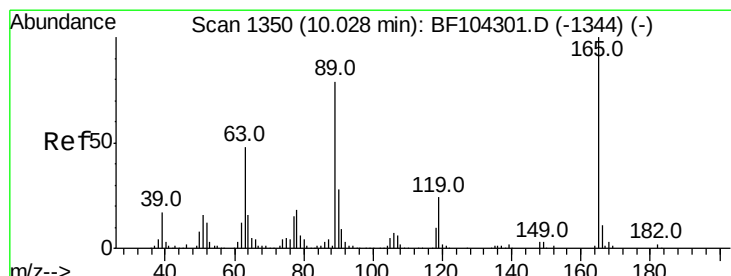
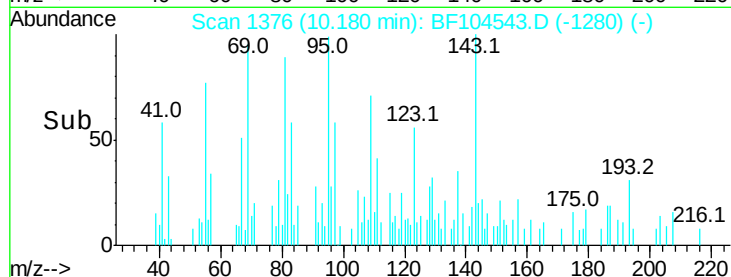
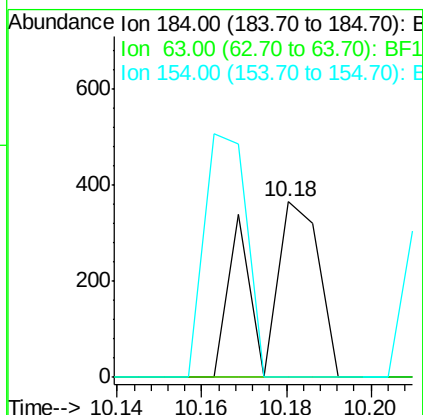
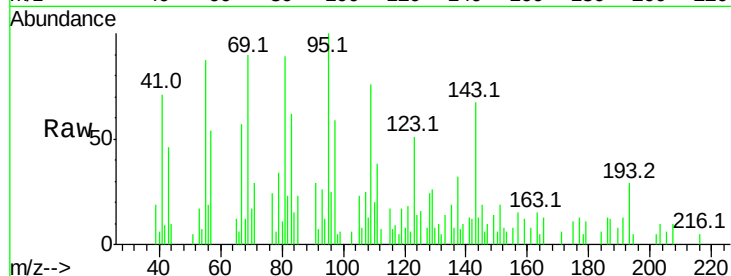




#53
 2,4-Dinitrophenol
 Concen: 5.417 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.26 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

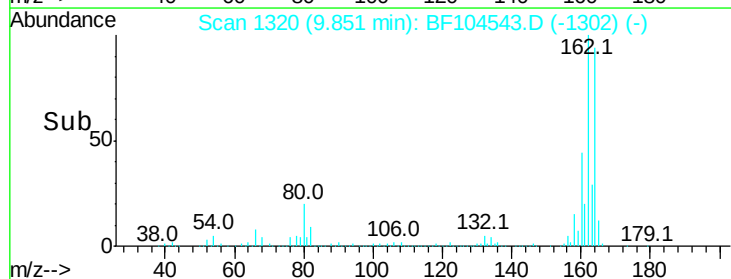
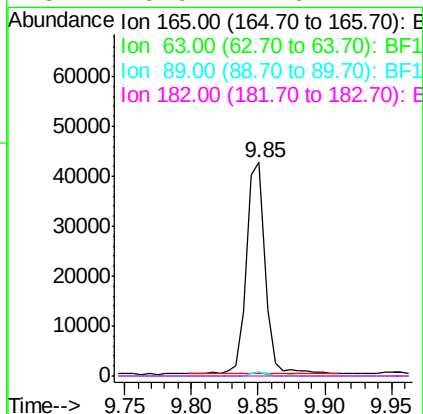
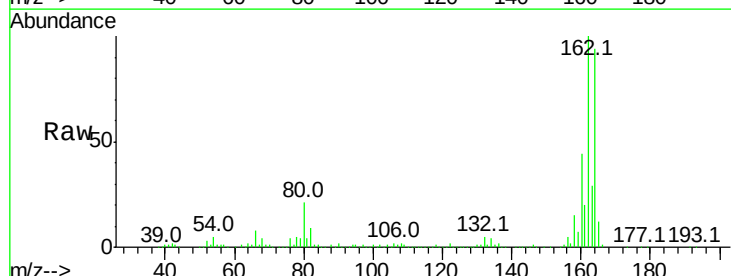
Instrument :
 BNA_F
 ClientSampled :

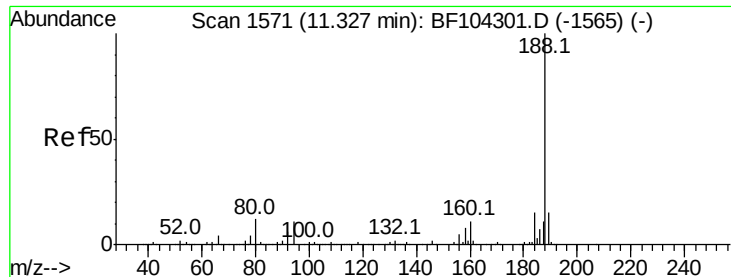
Tot Ion:184 Resp: 361
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.920 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:165 Resp: 41098
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

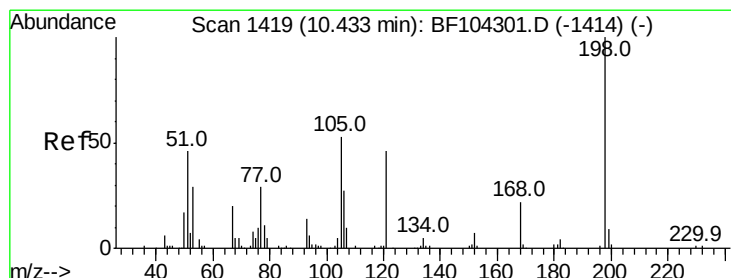
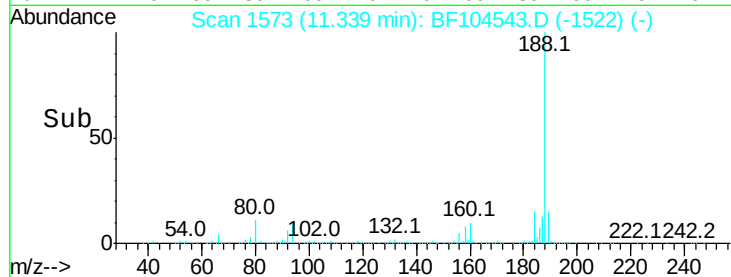
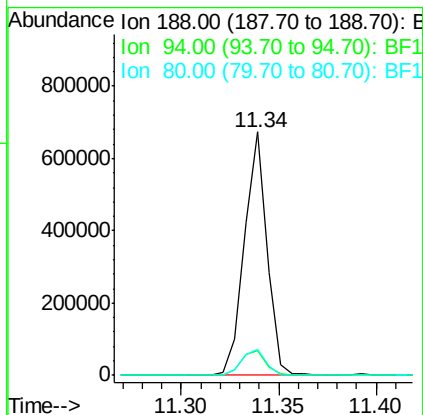
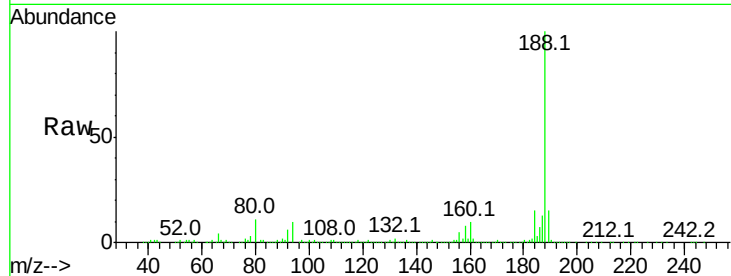




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

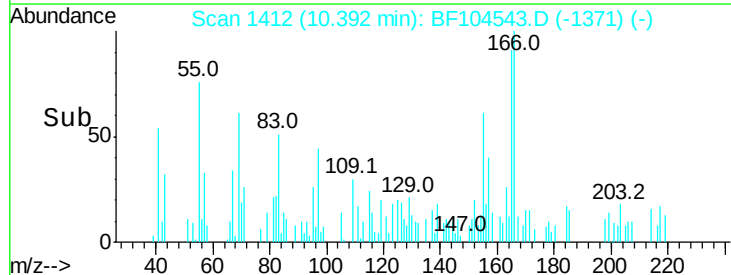
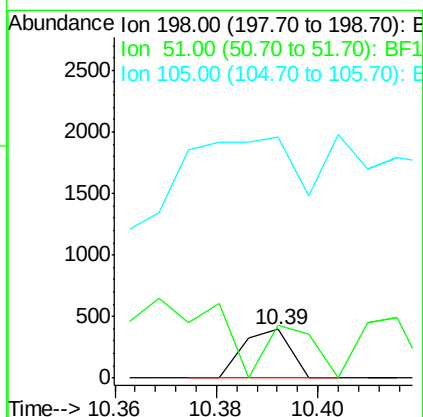
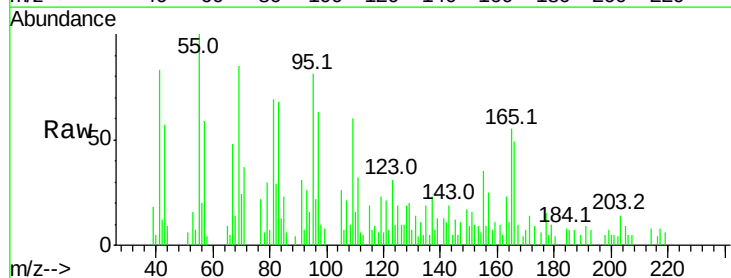
Instrument :
 BNA_F
 ClientSampleId :

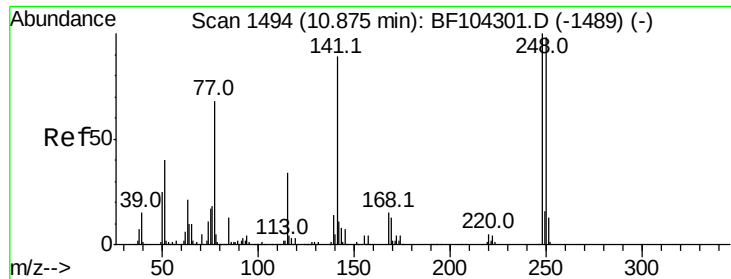
Tot Ion:188 Resp: 540956
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.429 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.06 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:198 Resp: 254
 Ion Ratio Lower Upper
 198 100
 51 107.1 37.7 77.7#
 105 493.2 36.3 76.3#

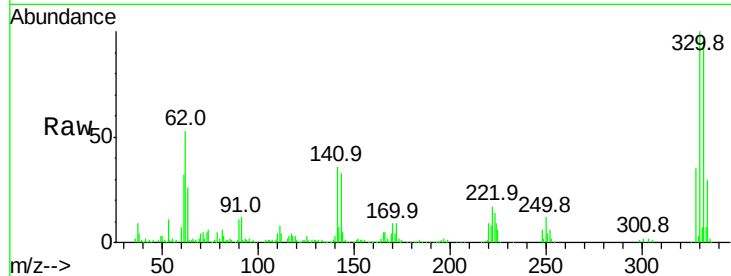




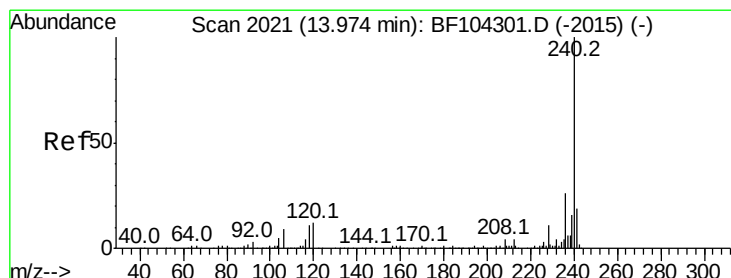
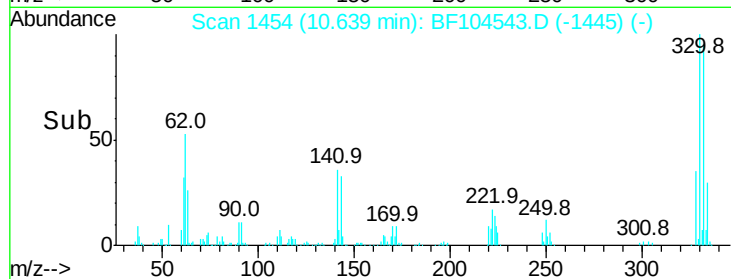
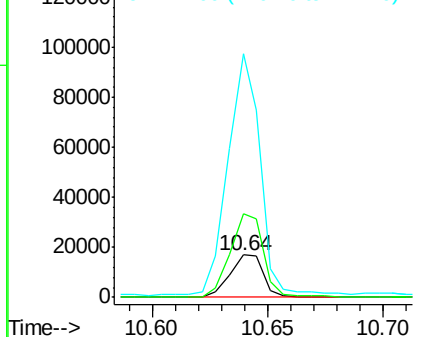
#66
 4-Bromophenyl-phenylether
 Concen: 2.996 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17241
 Ion Ratio Lower Upper
 248 100
 250 196.4 76.9 115.3#
 141 576.1 74.4 111.6#

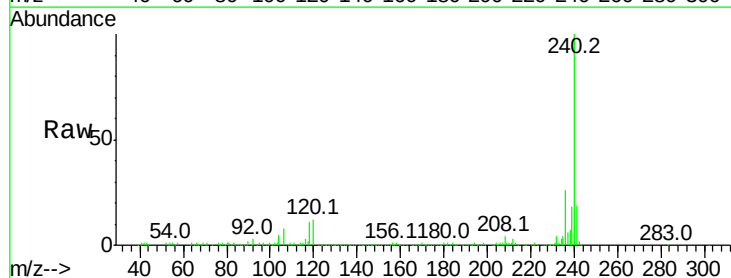


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

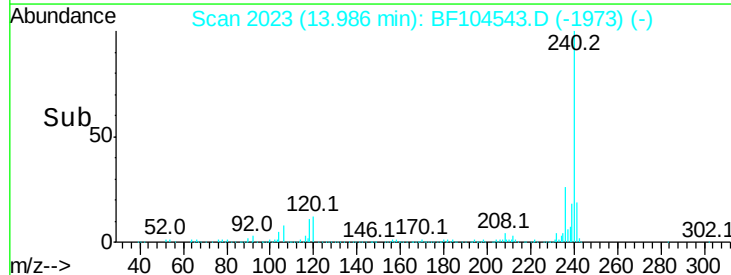
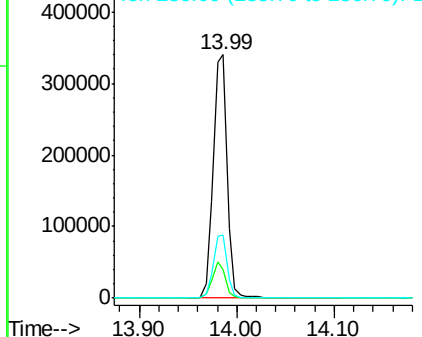


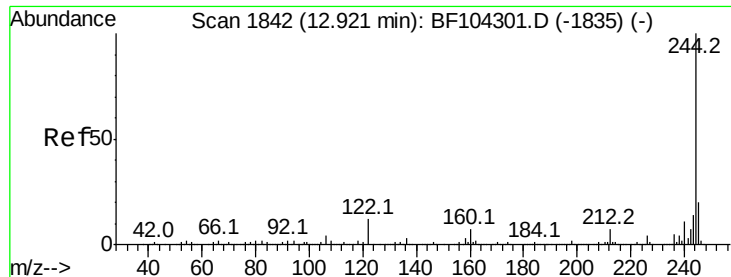
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:240 Resp: 336807
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 26.1 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

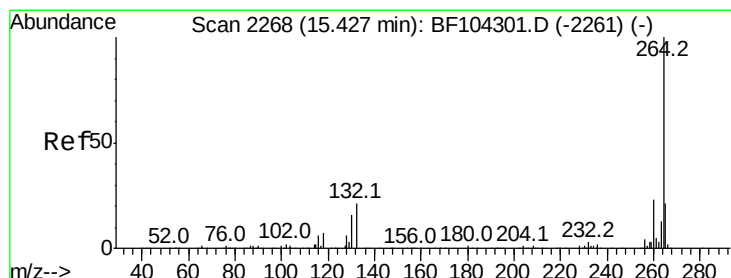
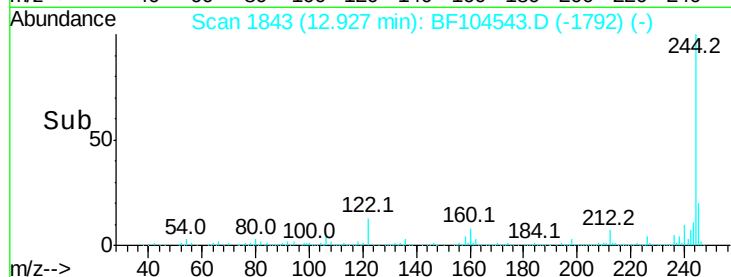
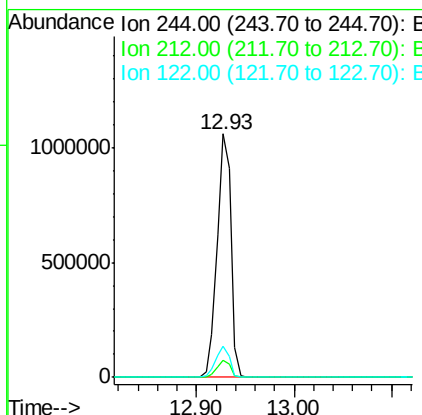
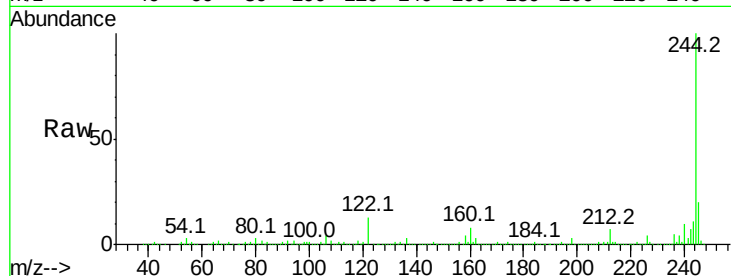




#78
 Terphenyl-d14
 Concen: 70.728 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104543.D
 Acq: 16 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1044893
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.8 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: BF104543.D
 Acq: 16 Apr 2018 20:01

Tgt Ion:264 Resp: 334336
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.5 26.3

