

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104509.D
 Acq On : 14 Apr 2018 7:04
 Operator : JU/SJ
 Sample : J2368-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 16 00:40:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	120412	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490564	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	206461	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	308666	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	233493	20.00	ng	-0.01
86) Perylene-d12	15.45	264	171620	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	302514	38.41	ng	0.00
7) Phenol-d6	6.44	99	220329	22.77	ng	0.00
23) Nitrobenzene-d5	7.37	82	717091	95.45	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	154409	72.10	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1238949	94.80	ng	0.00
78) Terphenyl-d14	12.93	244	937569	91.54	ng	0.00

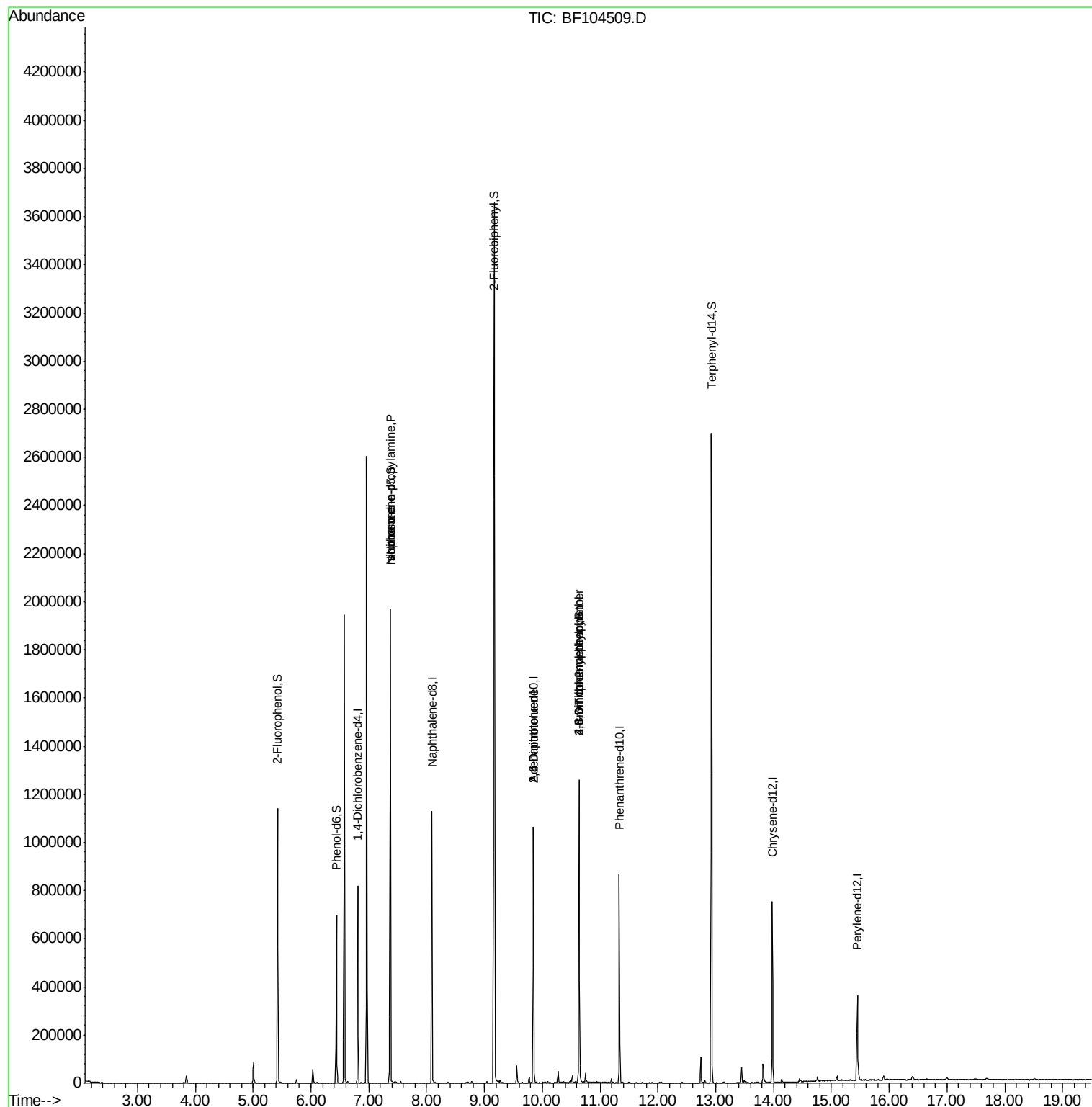
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	94614	14.964	ng	# 73
25) Isophorone	7.37	82	717086	45.138	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	26502	8.797	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	26502	6.706	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	265	7.496	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9744	2.968	ng	# 1
76) Benizidine	12.93	184	12195	Below Cal		94

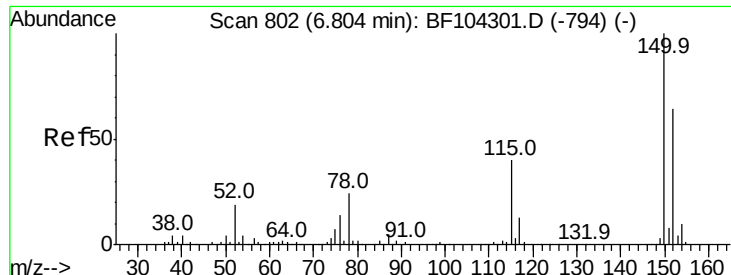
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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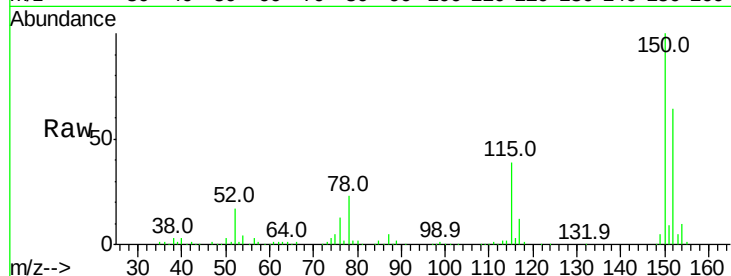


#1

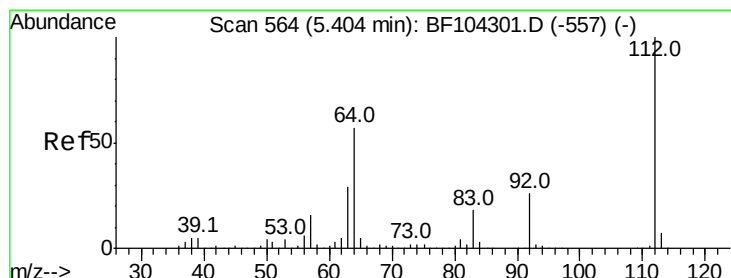
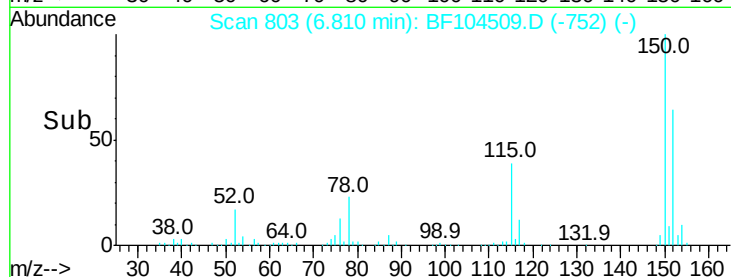
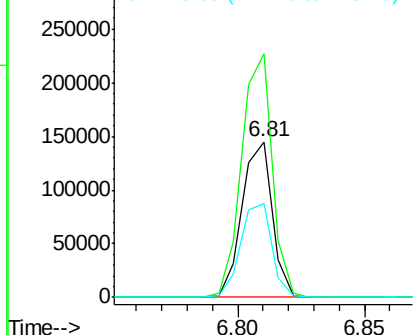
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120412
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.4 50.1 75.1



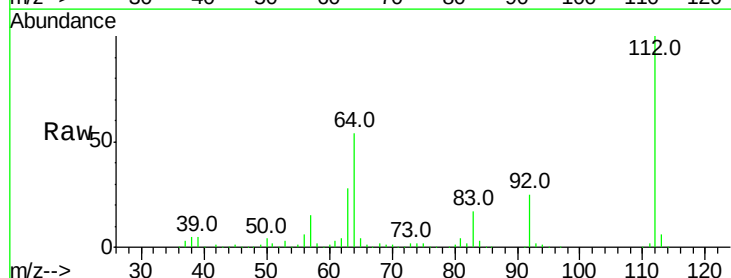
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



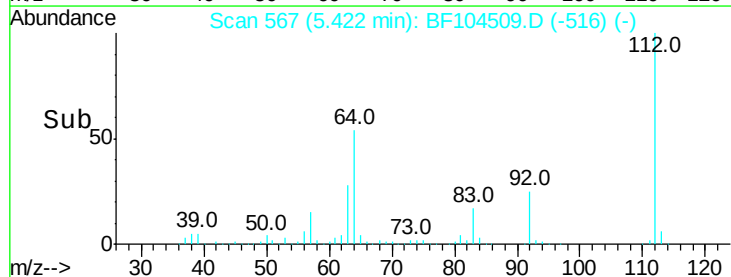
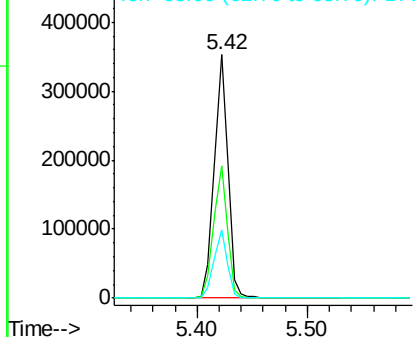
#5

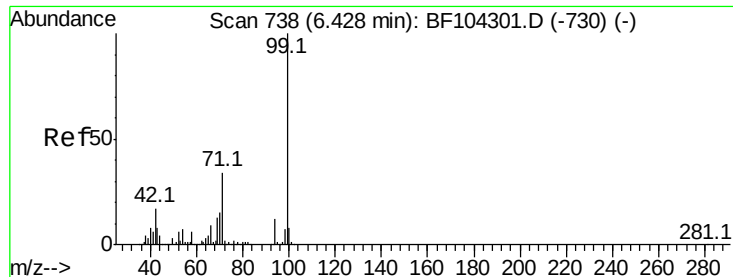
2-Fluorophenol
Concen: 38.415 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Tgt Ion:112 Resp: 302514
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 28.0 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: 22.771 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104509.D

Acq: 14 Apr 2018 7:04

Instrument :

BNA_F

ClientSampleId :

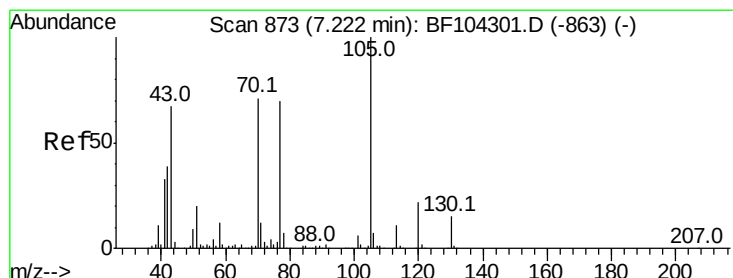
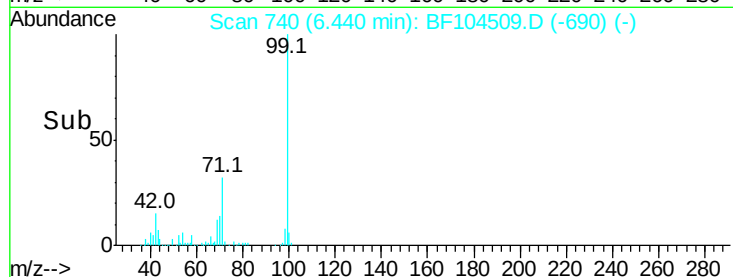
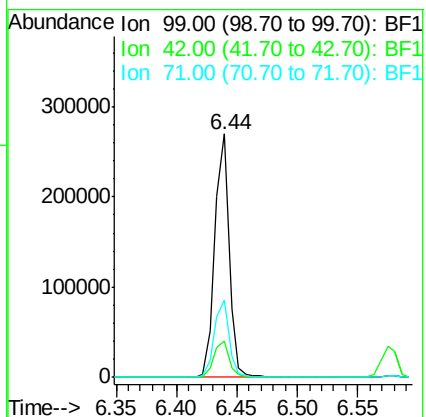
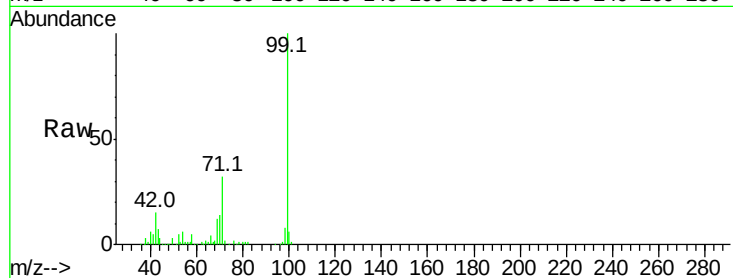
Tot Ion: 99 Resp: 220329

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.964 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104509.D

Acq: 14 Apr 2018 7:04

Tgt Ion: 70 Resp: 94614

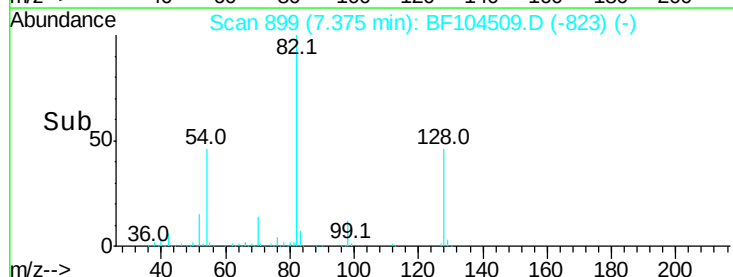
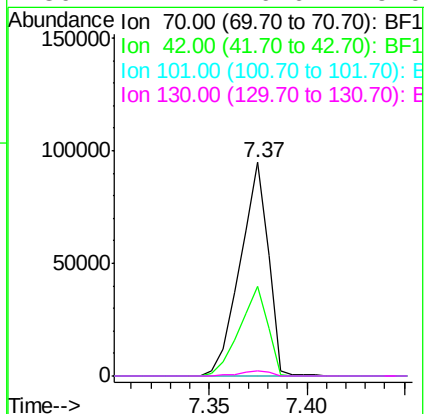
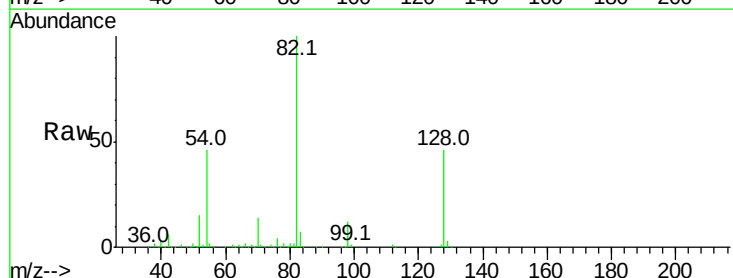
Ion Ratio Lower Upper

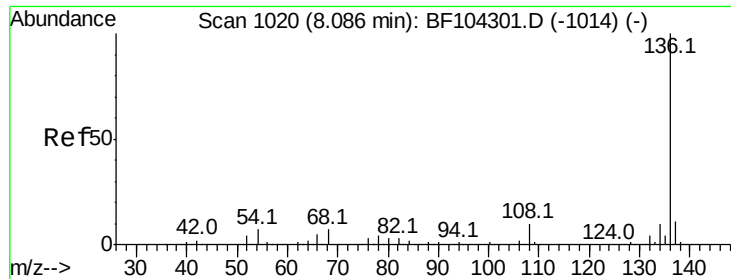
70 100

42 41.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

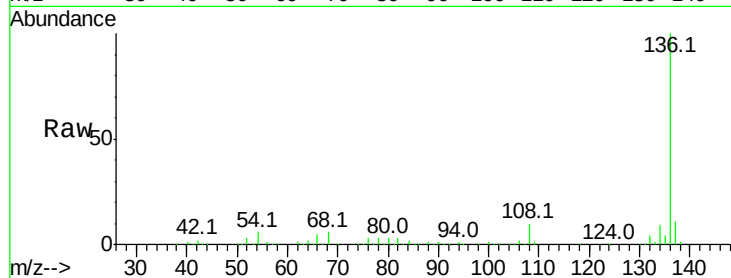




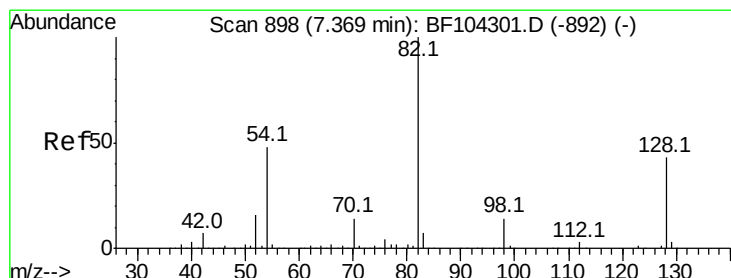
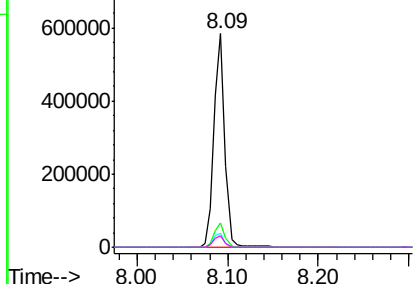
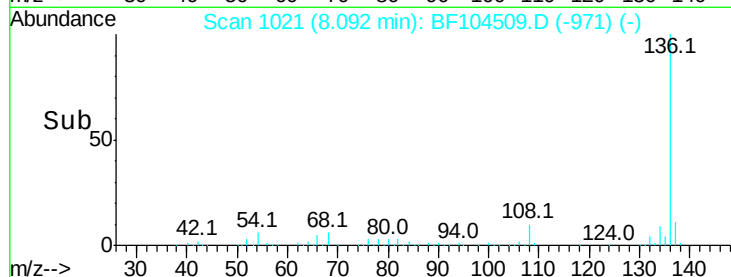
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	490564
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

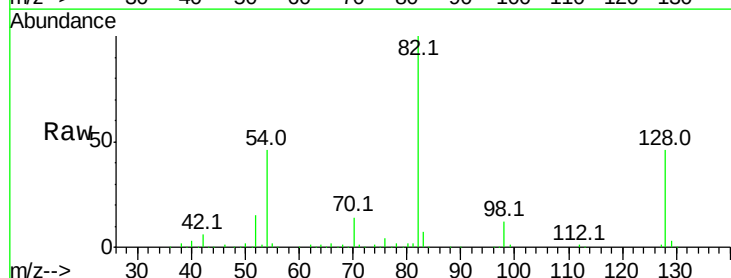


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

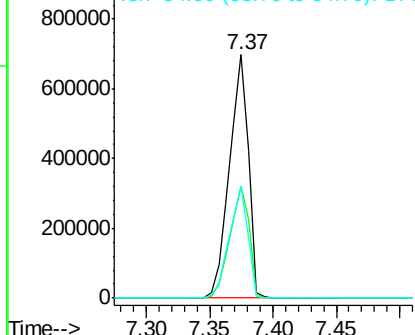
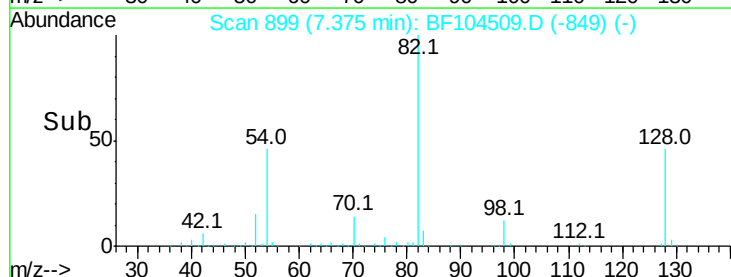


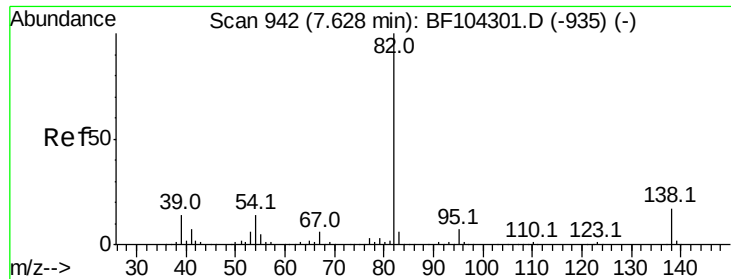
#23
Nitrobenzene-d5
Concen: 95.451 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Tgt Ion:	82	Resp:	717091
Ion	Ratio	Lower	Upper
82	100		
128	45.8	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

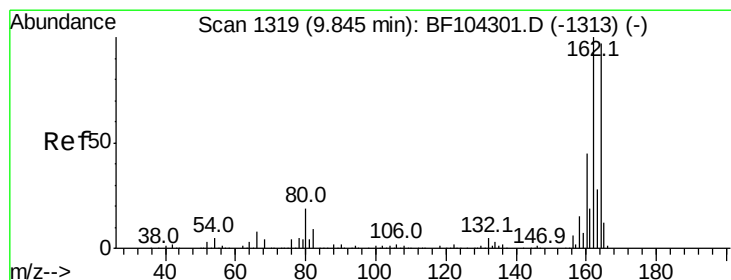
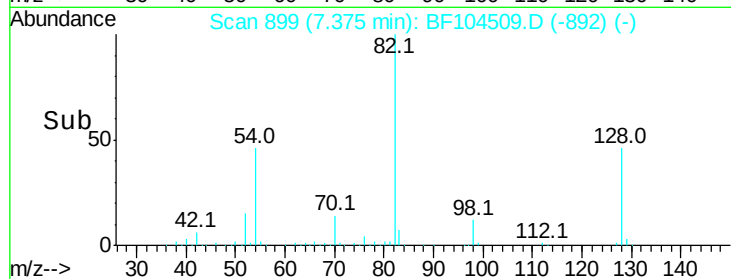
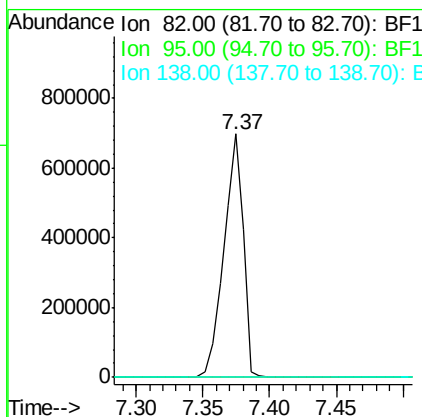
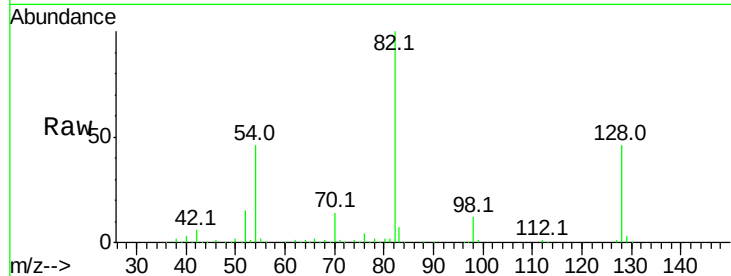




#25
Isophorone
Concen: 45.138 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

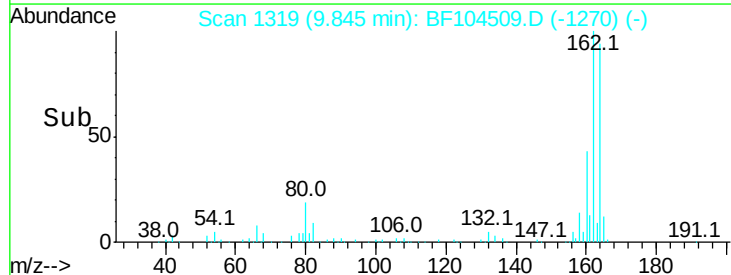
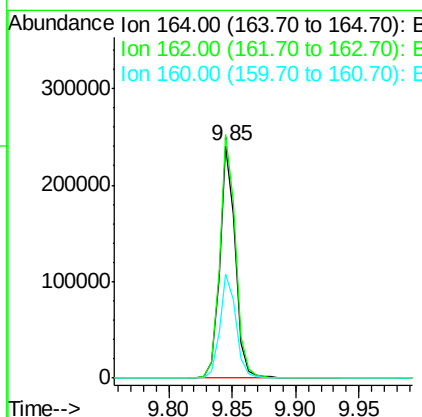
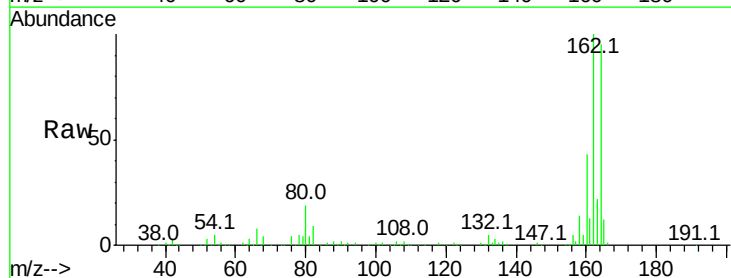
Instrument :
BNA_F
ClientSampleId :

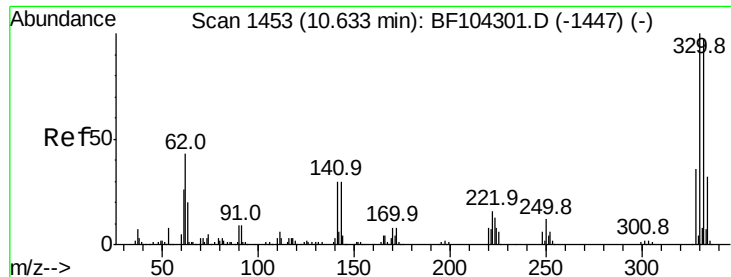
Tot Ion: 82 Resp: 717086
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Tgt Ion:164 Resp: 206461
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 45.1 38.3 57.5

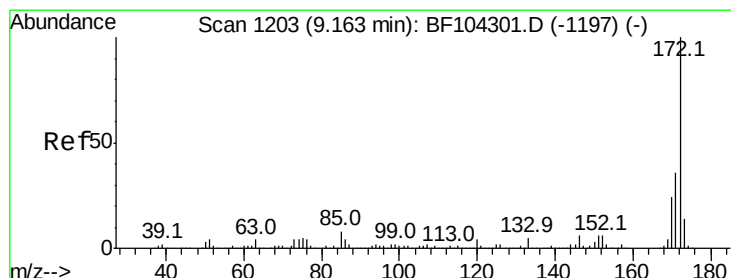
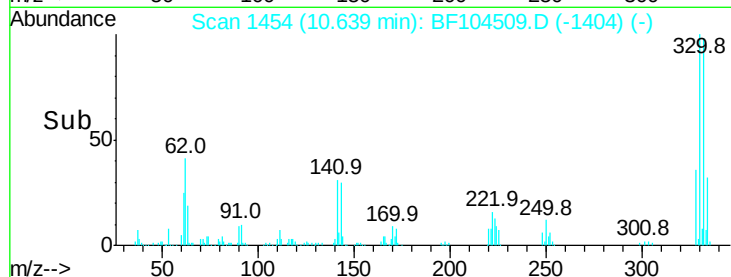
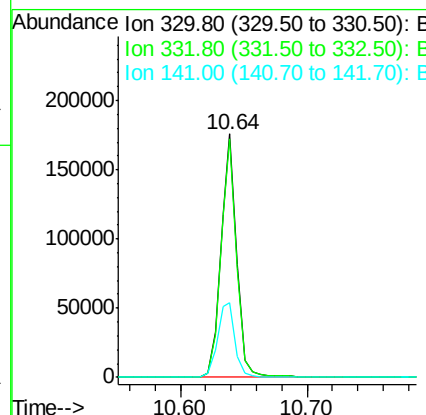
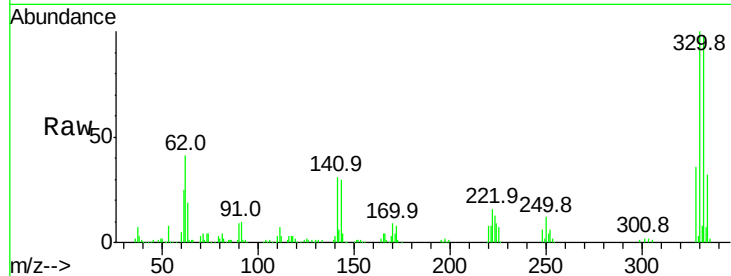




#41
 2,4,6-Tribromophenol
 Concen: 72.097 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

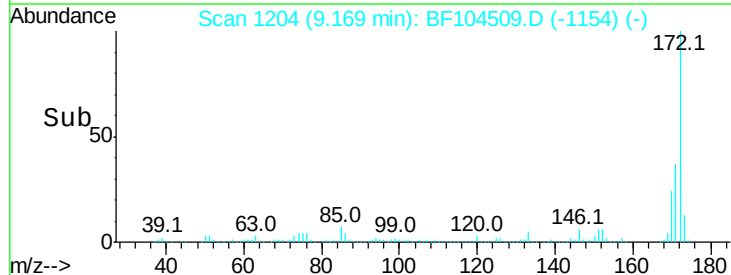
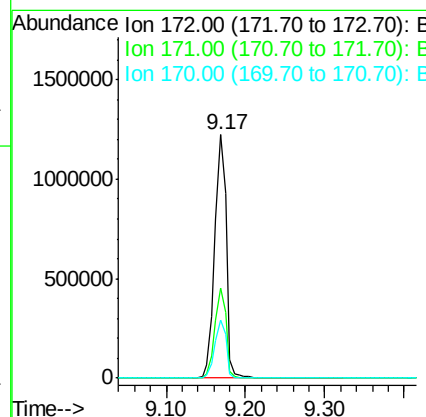
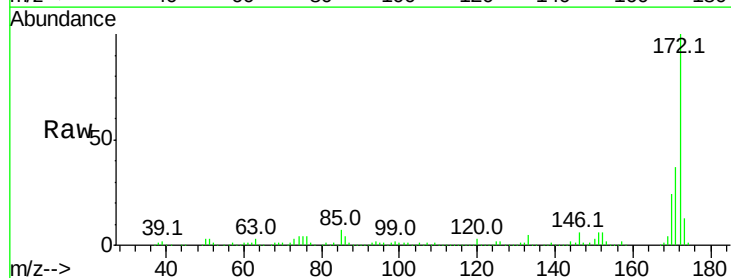
Instrument :
 BNA_F
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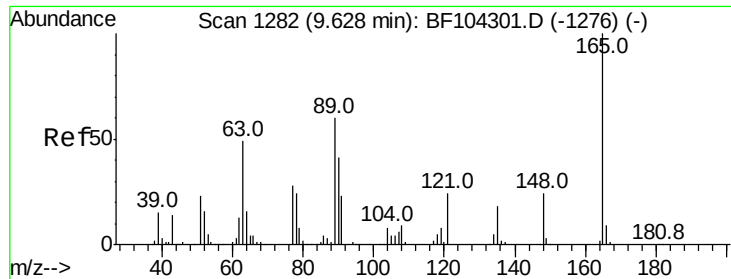
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	34.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 94.799 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.0	19.6	29.4

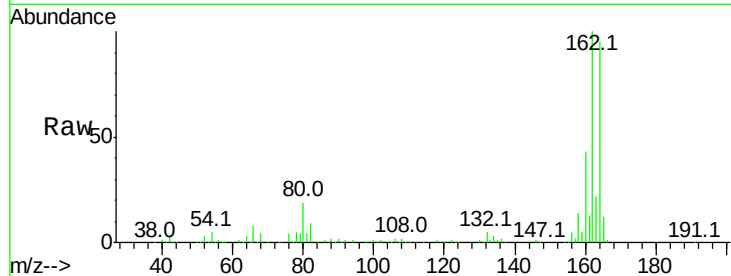




#50
 2,6-Dinitrotoluene
 Concen: 8.797 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

Instrument :
 BNA_F
 ClientSampleId :

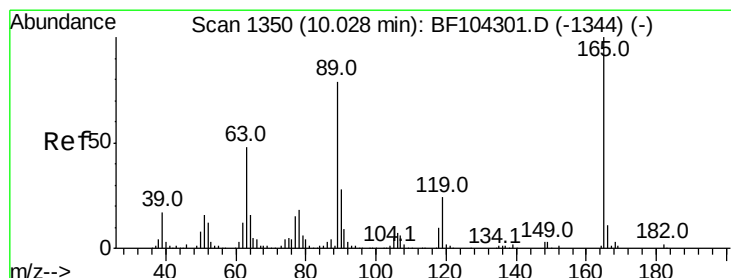
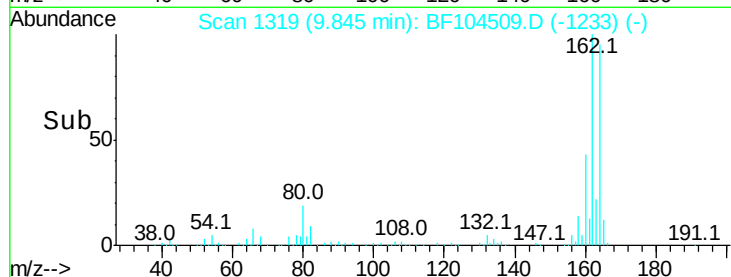
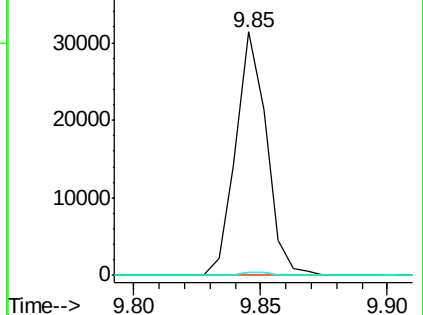
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.1	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.706 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

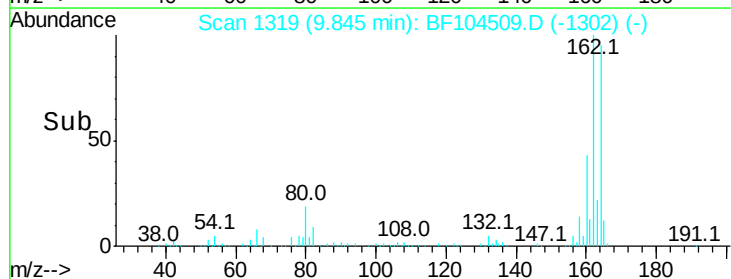
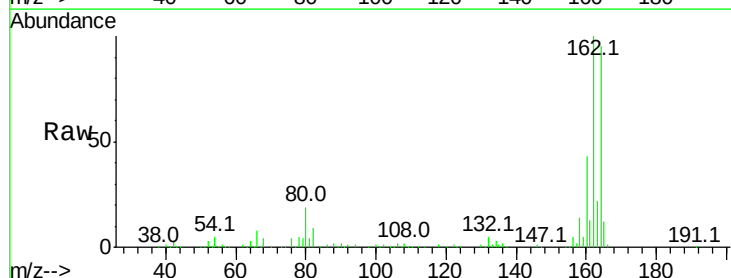
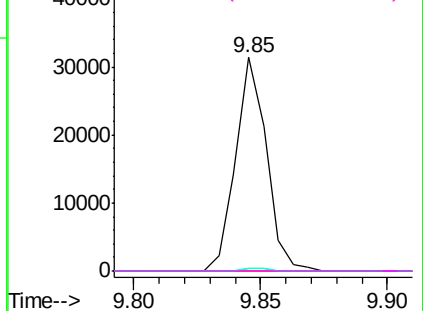
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

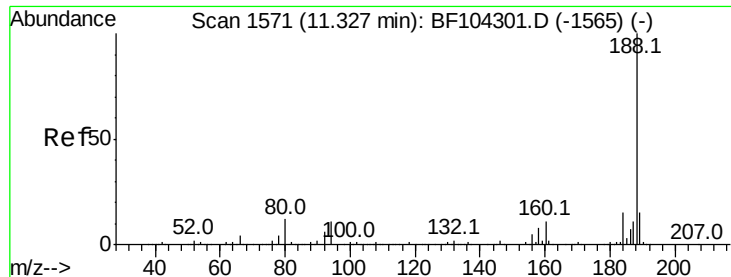
Abundance Ion 165.00 (164.70 to 165.70): E

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

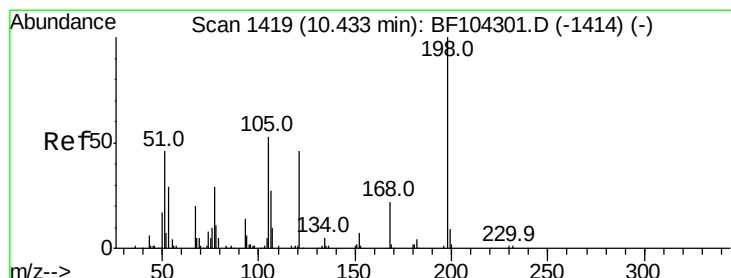
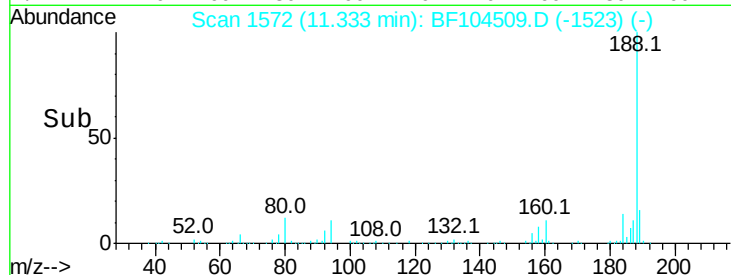
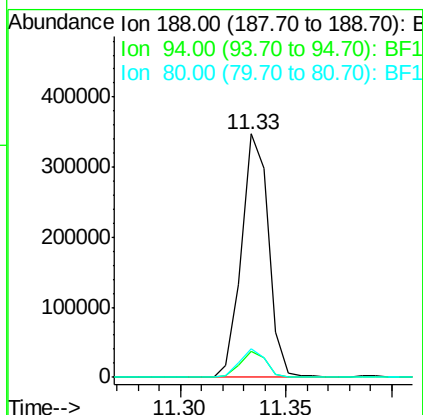
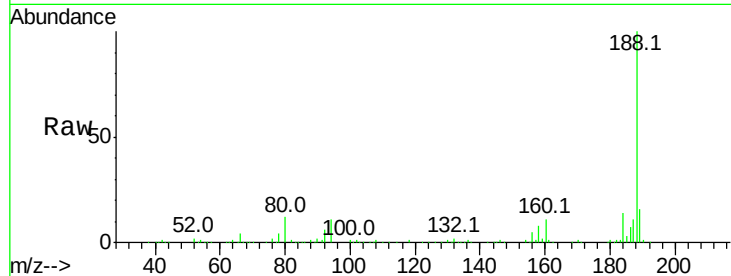




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

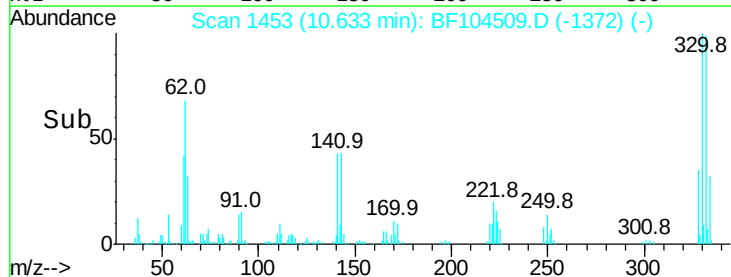
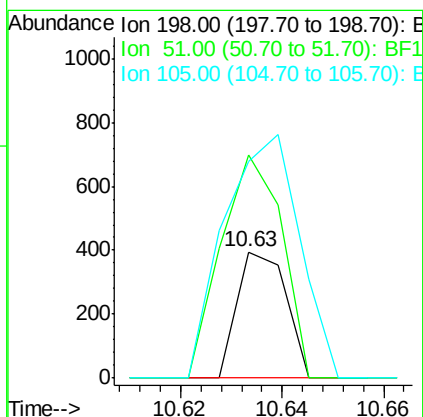
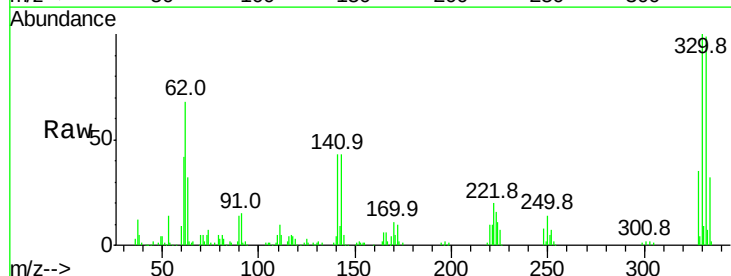
Instrument :
BNA_F
ClientSampleId :

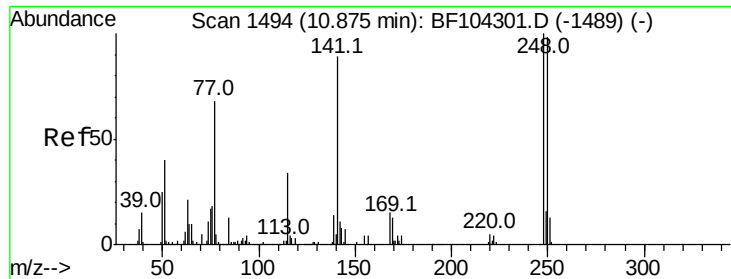
Tot Ion:188 Resp: 308666
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.496 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104509.D
Acq: 14 Apr 2018 7:04

Tgt Ion:198 Resp: 265
Ion Ratio Lower Upper
198 100
51 177.2 37.7 77.7#
105 172.2 36.3 76.3#

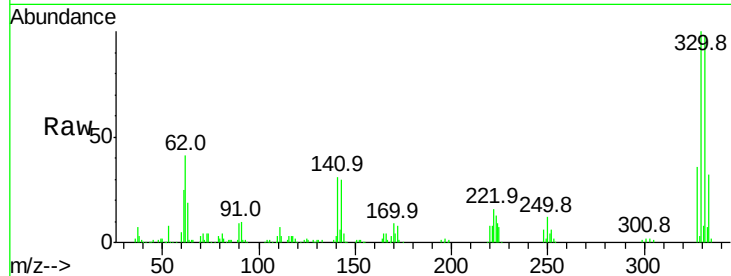




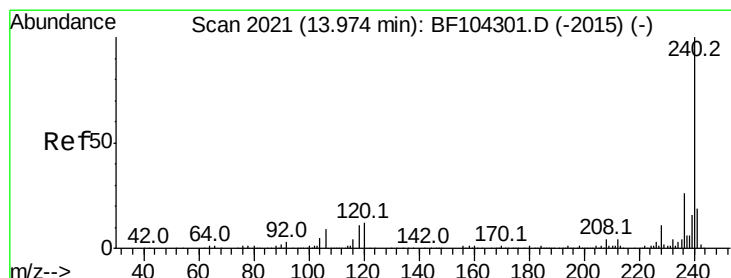
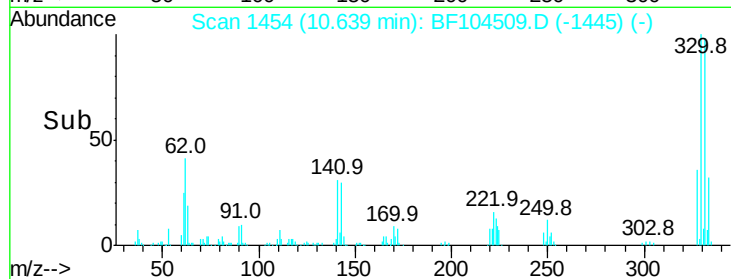
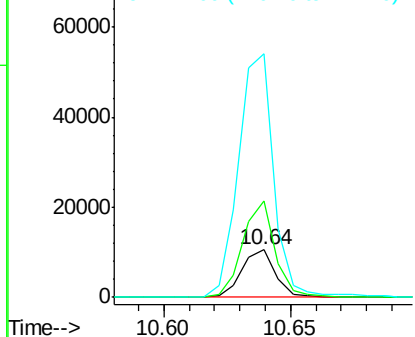
#66
 4-Bromophenyl-phenylether
 Concen: 2.968 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9744
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.9 115.3#
 141 516.1 74.4 111.6#



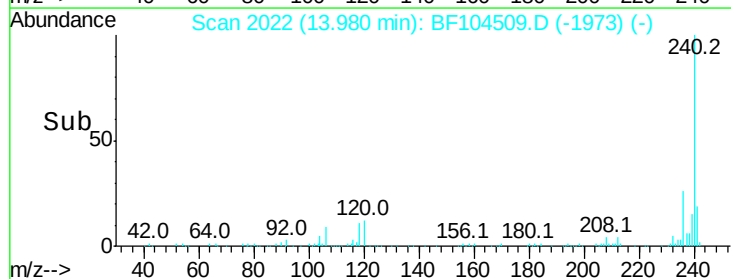
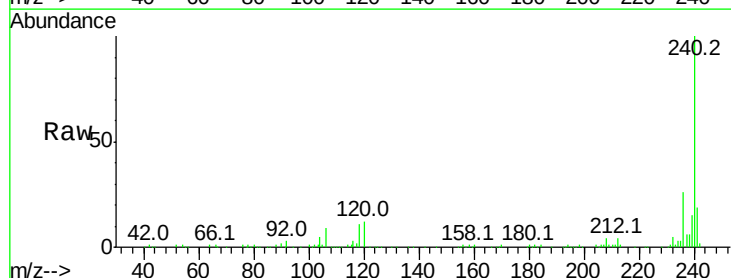
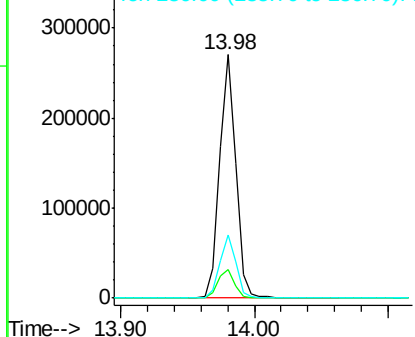
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

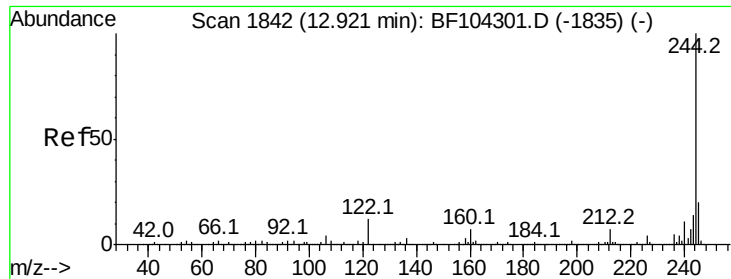


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

Tgt Ion:240 Resp: 233493
 Ion Ratio Lower Upper
 240 100
 120 11.6 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

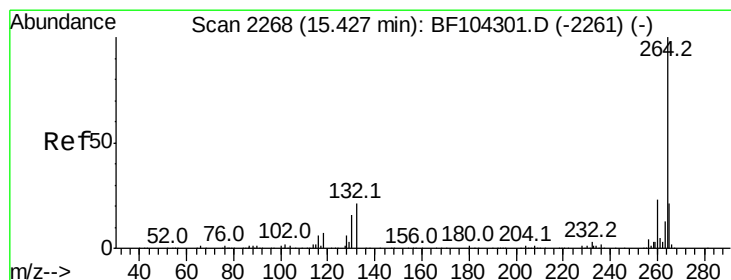
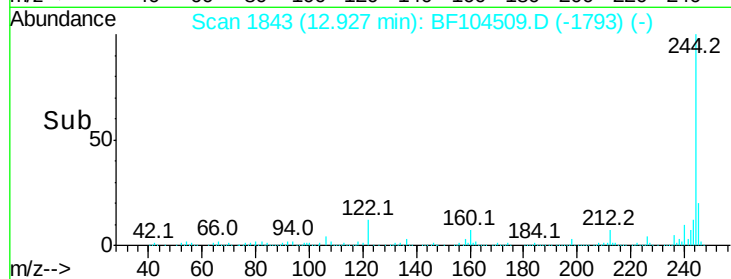
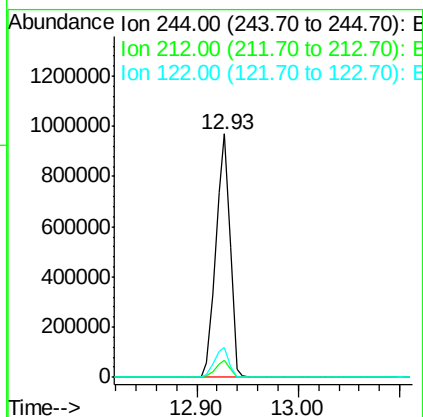
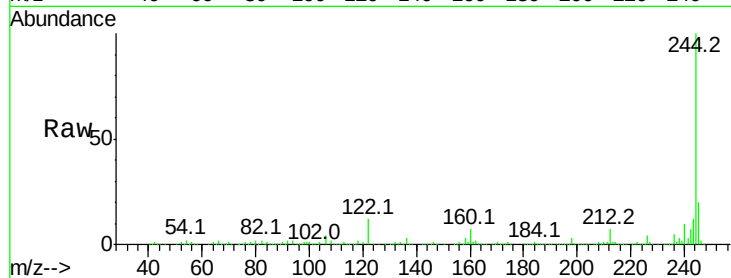




#78
 Terphenyl-d14
 Concen: 91.544 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF104509.D
 Acq: 14 Apr 2018 7:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 937569
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.0 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: BF104509.D
 Acq: 14 Apr 2018 7:04

Tgt Ion:264 Resp: 171620
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.5 26.3

