

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104627.D
 Acq On : 19 Apr 2018 13:25
 Operator : JU/SJ
 Sample : PB108340BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 14:47:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119999	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	463595	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	184743	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	277355	20.00	ng	0.00
75) Chrysene-d12	13.97	240	245984	20.00	ng	-0.01
86) Perylene-d12	15.44	264	267223	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	815985	103.97	ng	0.01
7) Phenol-d6	6.45	99	939303	97.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	610190	85.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	183607	95.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1023508	87.52	ng	0.00
78) Terphenyl-d14	12.92	244	796382	73.81	ng	0.00

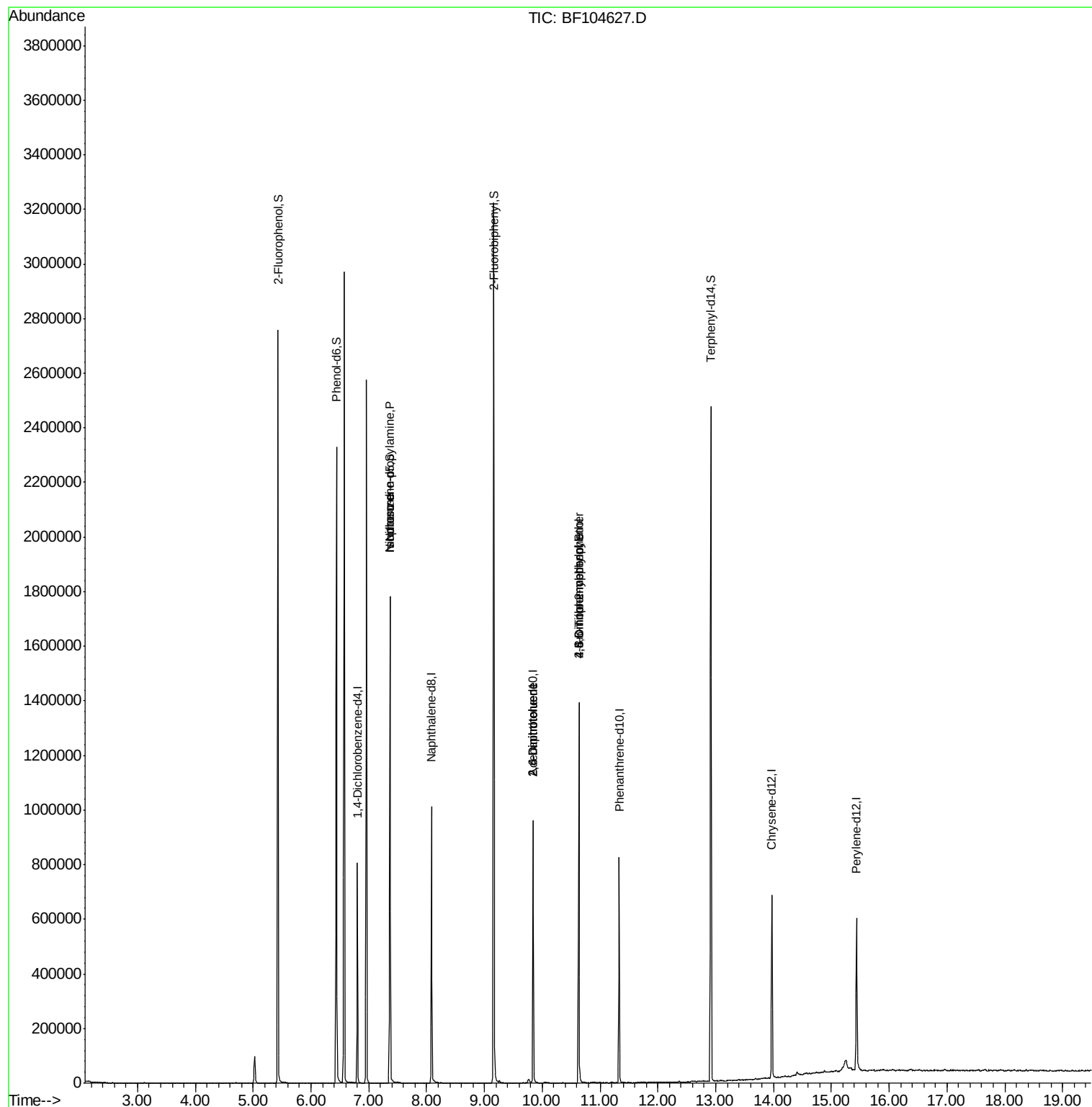
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	79442	12.608	ng	# 73
25) Isophorone	7.37	82	606847	40.421	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	22789	8.454	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	22789	6.445	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	261	7.511	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10696	3.626	ng	# 1
76) Benzidine	12.92	184	10218	Below Cal		# 92

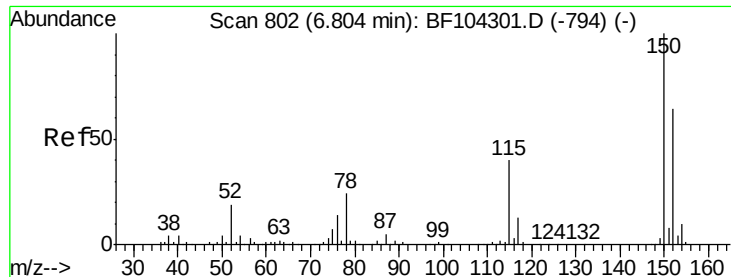
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104627.D
Acq On : 19 Apr 2018 13:25
Operator : JU/SJ
Sample : PB108340BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 19 14:47:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 14:44:03 2018
Response via : Initial Calibration



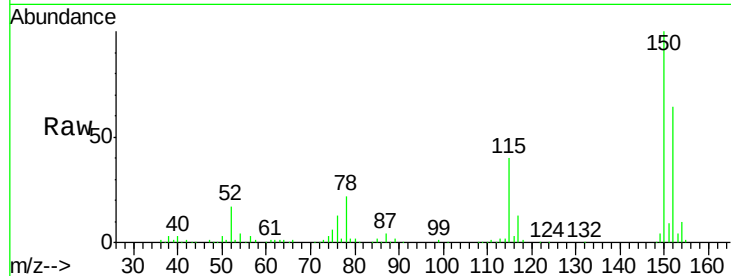


#1

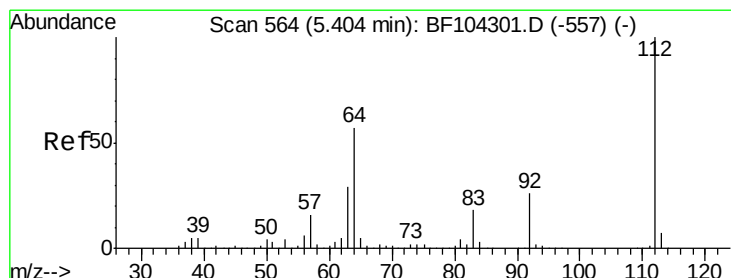
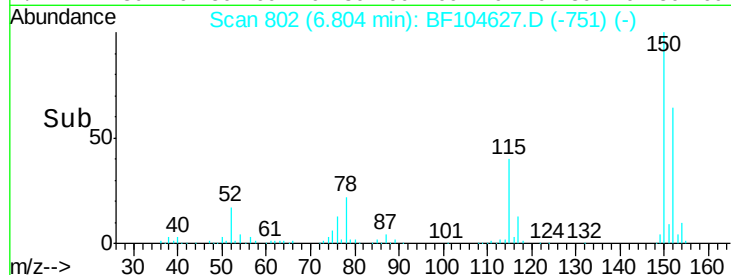
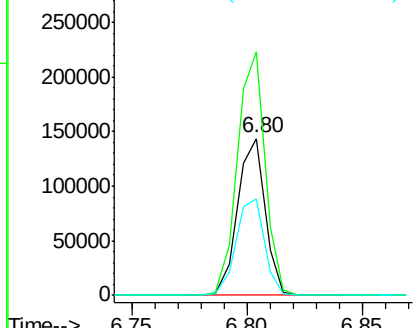
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119999
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 61.5 50.1 75.1



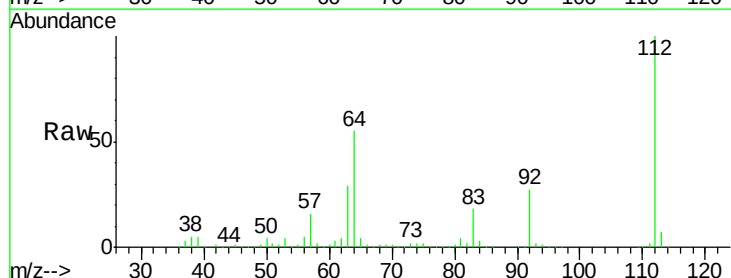
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



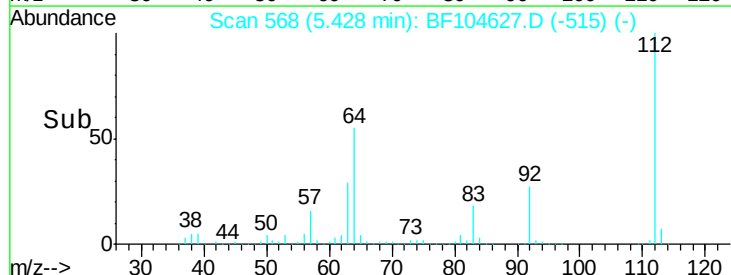
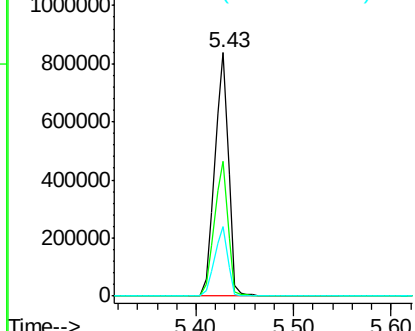
#5

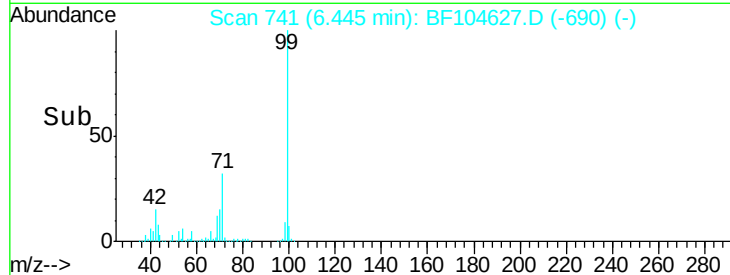
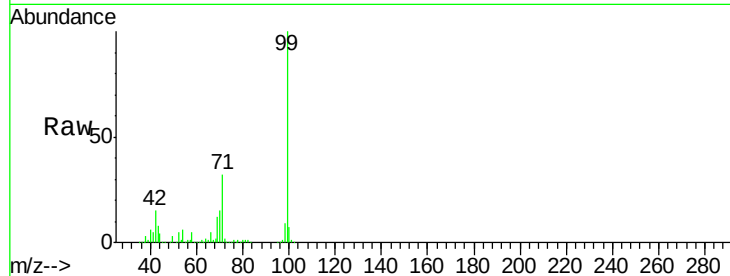
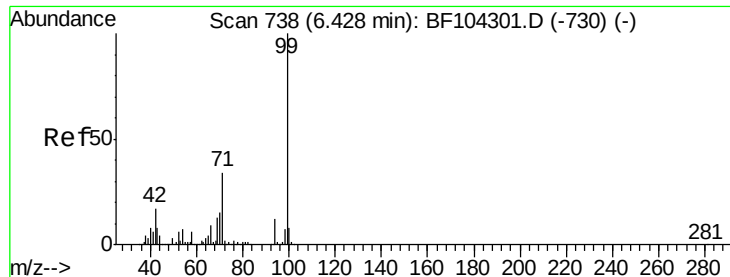
2-Fluorophenol
Concen: 103.975 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion:112 Resp: 815985
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 28.5 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: 97.412 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104627.D

Acq: 19 Apr 2018 13:25

Instrument :

BNA_F

ClientSampled :

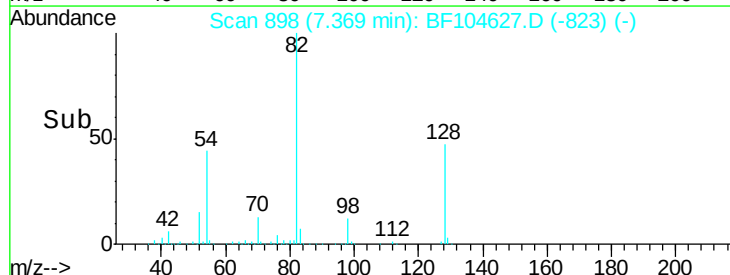
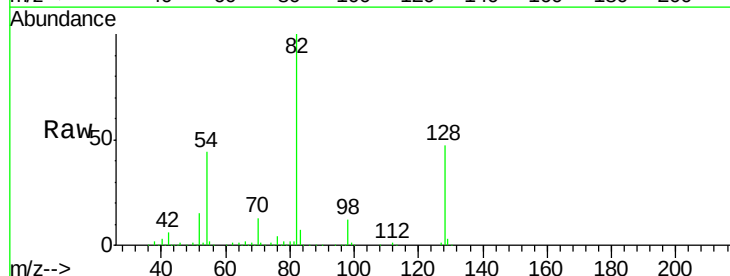
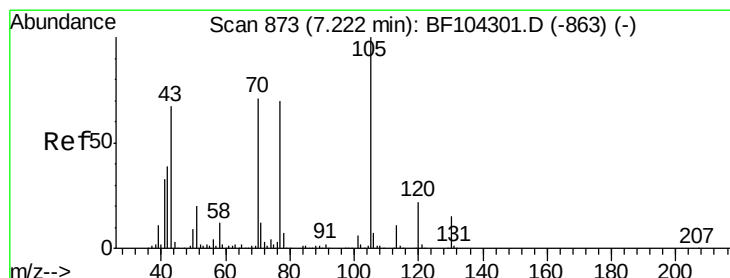
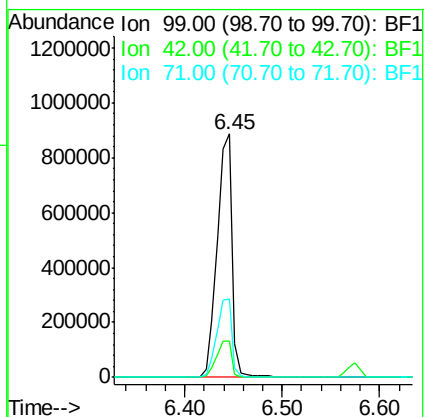
Tot Ion: 99 Resp: 939303

Ion Ratio Lower Upper

99 100

42 14.9 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.608 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104627.D

Acq: 19 Apr 2018 13:25

Tgt Ion: 70 Resp: 79442

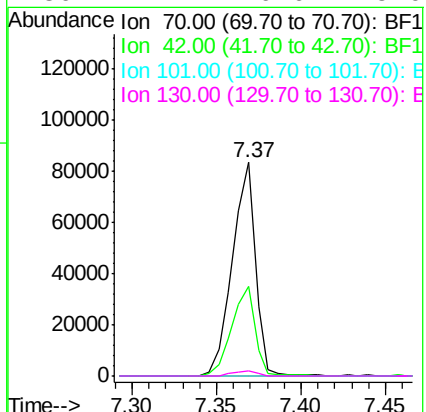
Ion Ratio Lower Upper

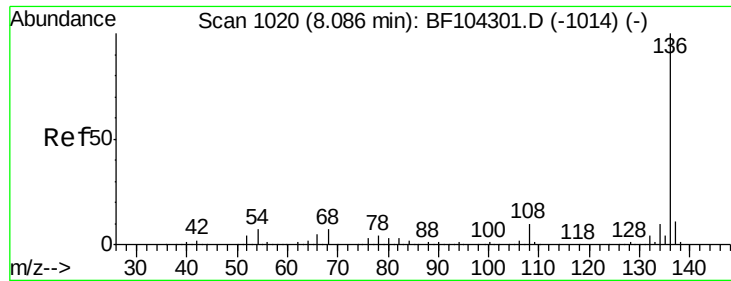
70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

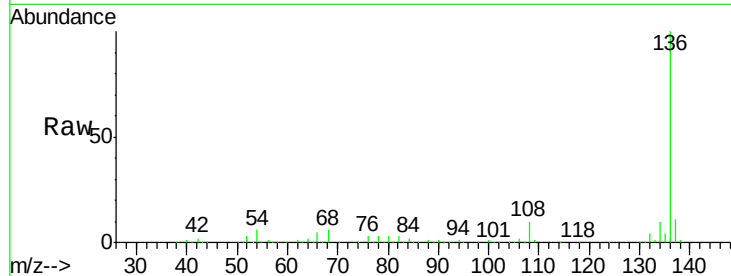




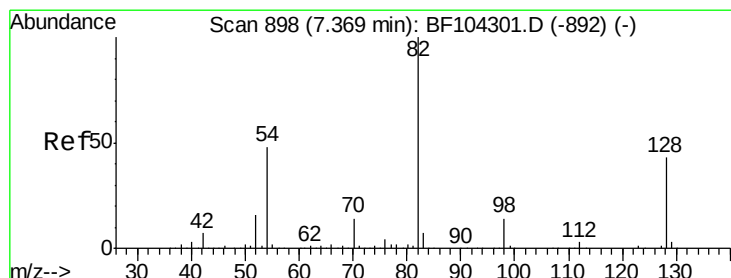
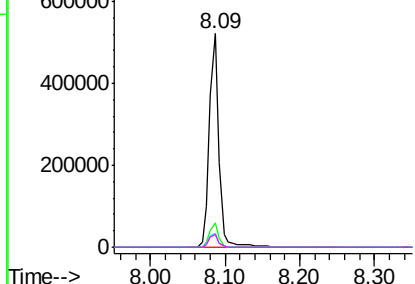
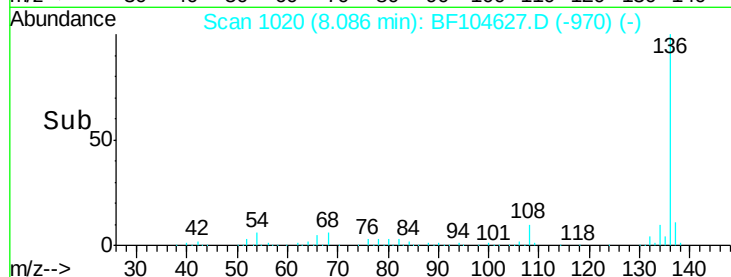
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463595
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.4	6.6	9.8#
68 6.0	5.0	7.4

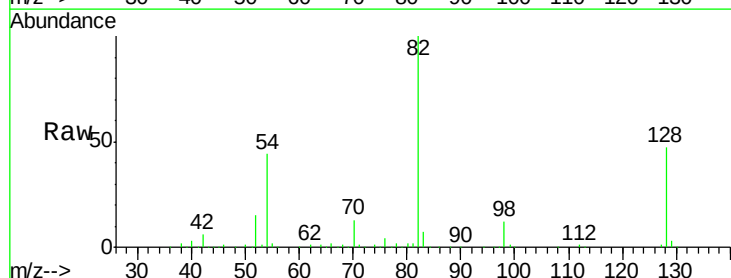


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

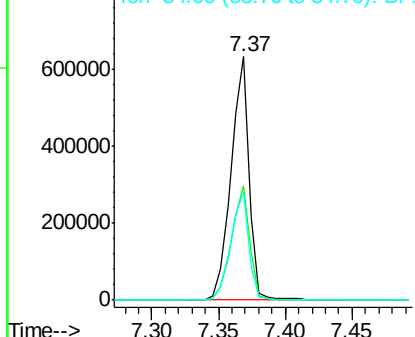
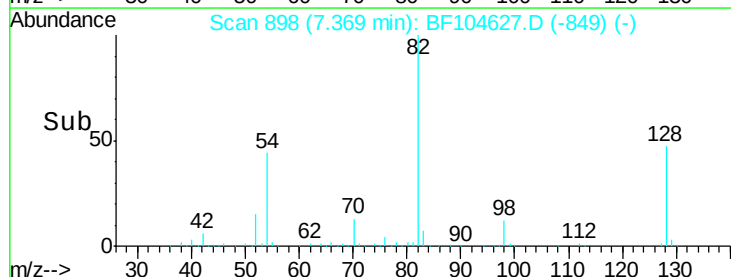


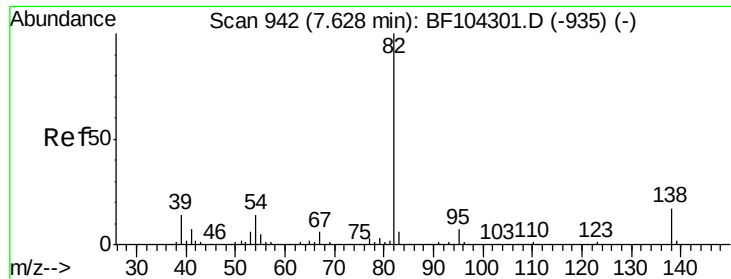
#23
Nitrobenzene-d5
Concen: 85.946 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion: 82	Resp:	610190
Ion Ratio	Lower	Upper
82 100		
128 47.0	36.1	54.1
54 44.4	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: 40.421 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104627.D

Acq: 19 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

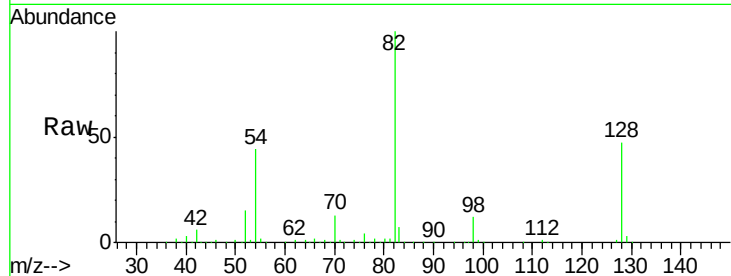
Tot Ion: 82 Resp: 606847

Ion Ratio Lower Upper

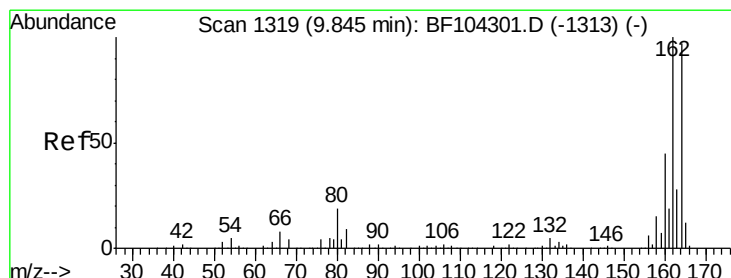
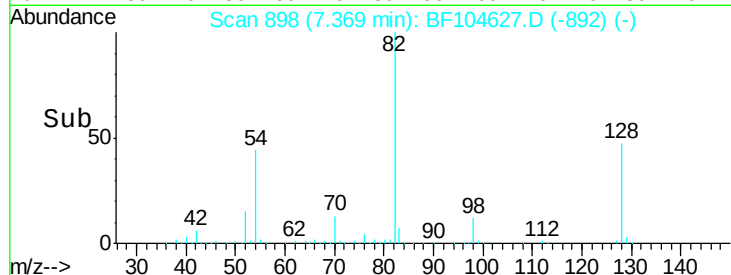
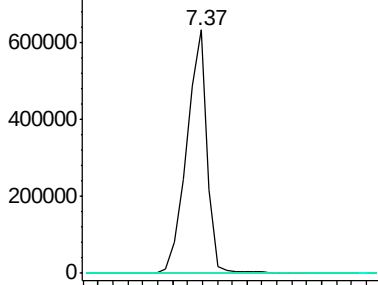
82 100

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: BF104627.D

Acq: 19 Apr 2018 13:25

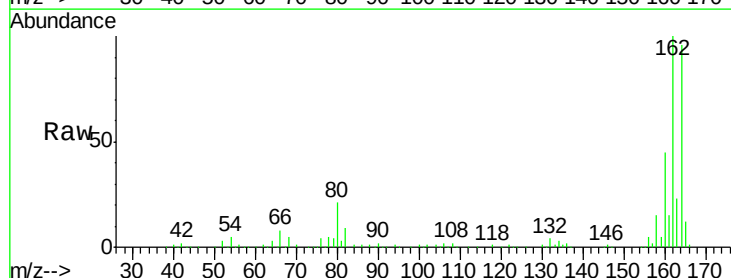
Tgt Ion: 164 Resp: 184743

Ion Ratio Lower Upper

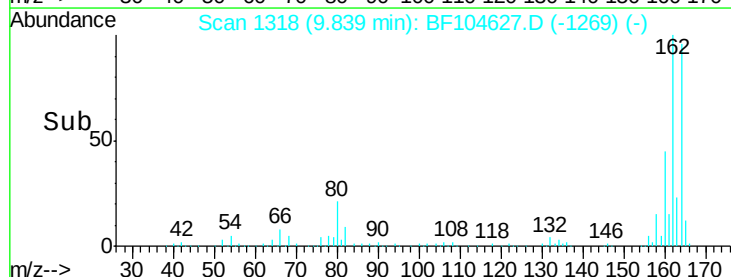
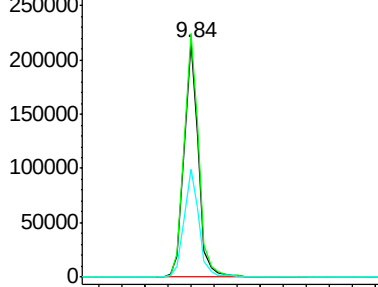
164 100

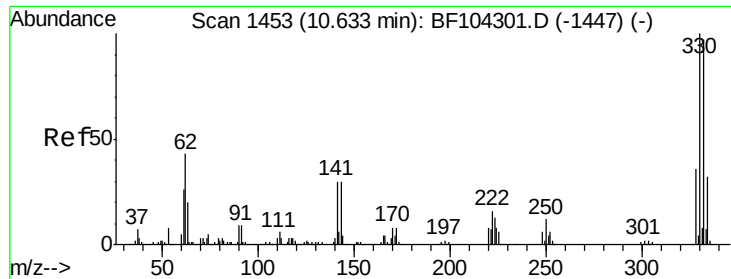
162 103.9 86.1 129.1

160 46.3 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

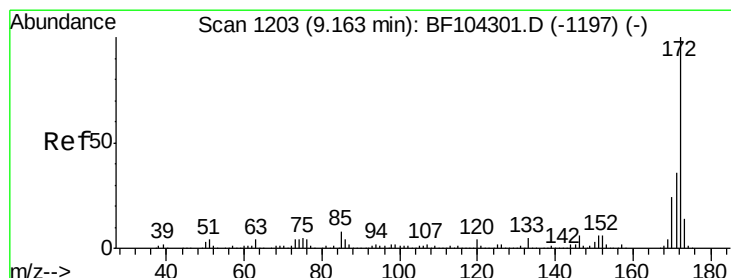
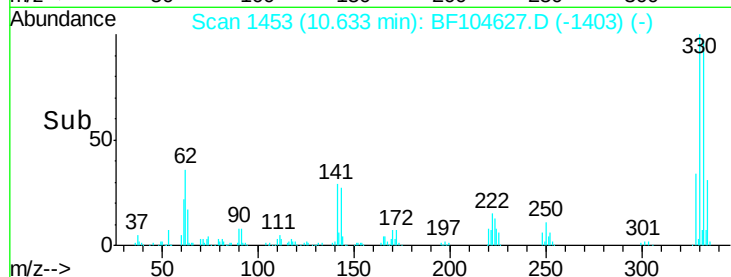
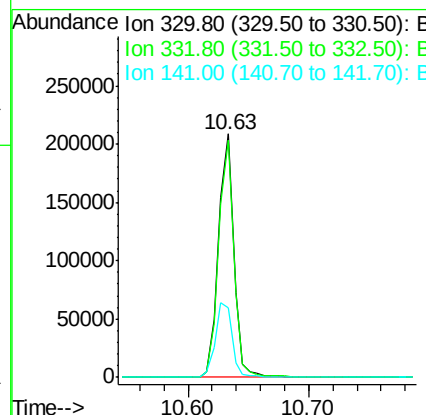
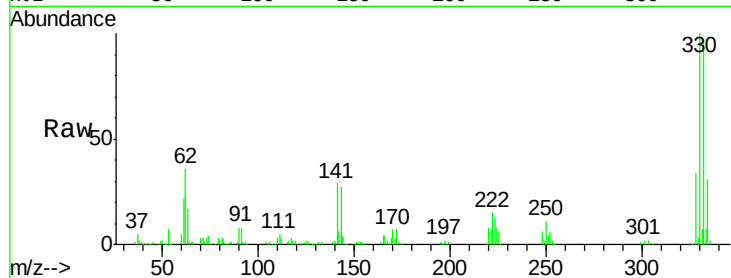




#41
 2,4,6-Tribromophenol
 Concen: 95.809 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

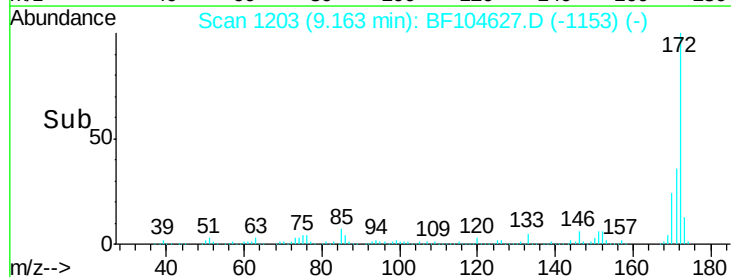
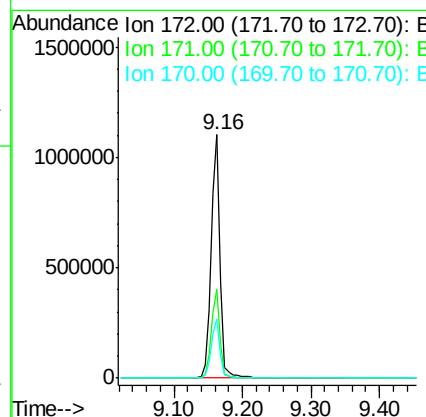
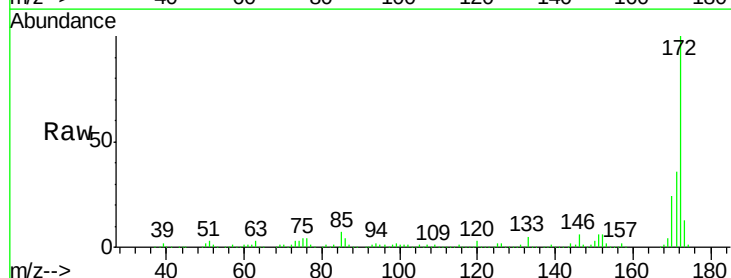
Instrument :
 BNA_F
 ClientSampleId :

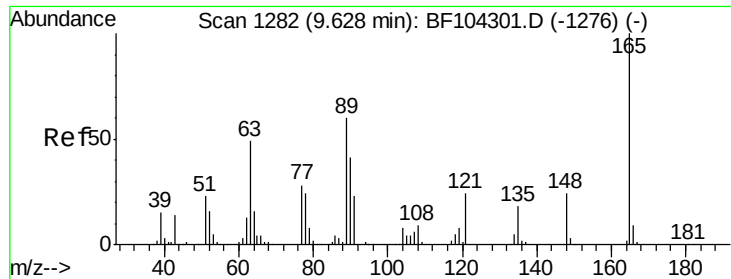
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.521 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

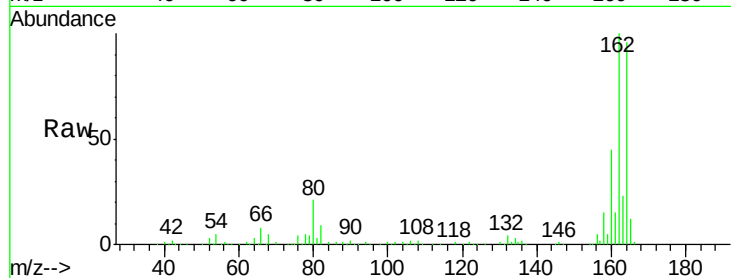




#50
 2,6-Dinitrotoluene
 Concen: 8.454 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

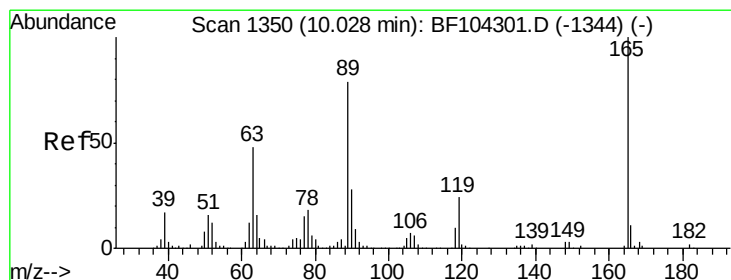
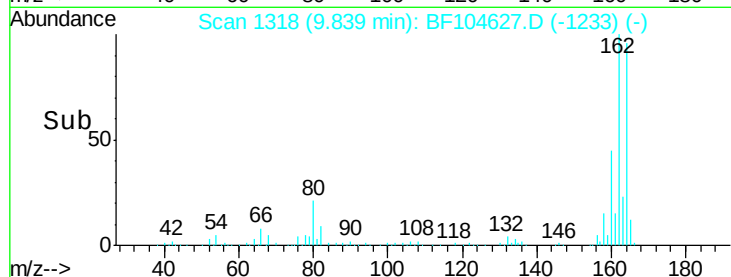
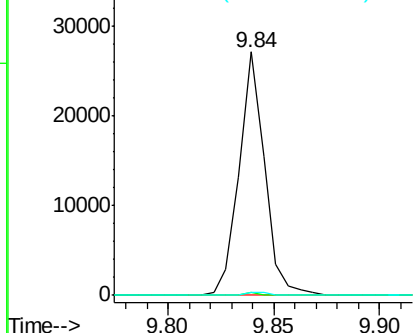
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.3	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

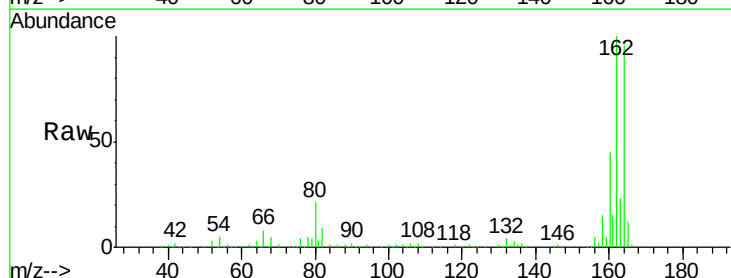
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.445 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

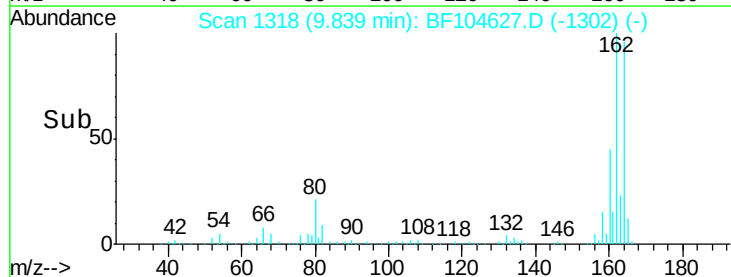
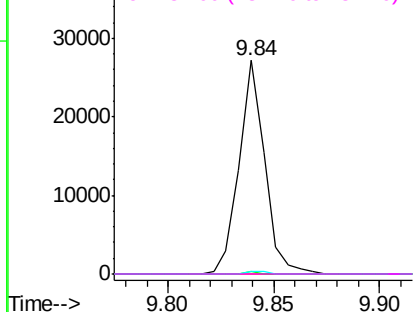


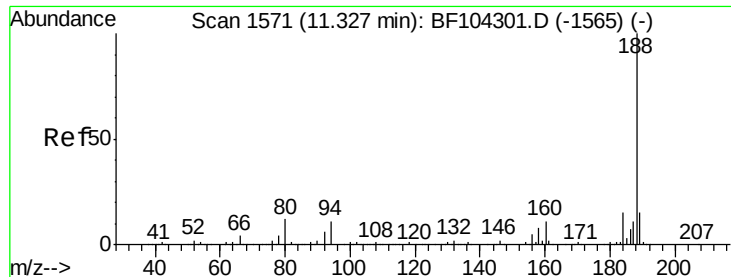
Abundance Ion 165.00 (164.70 to 165.70): E

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

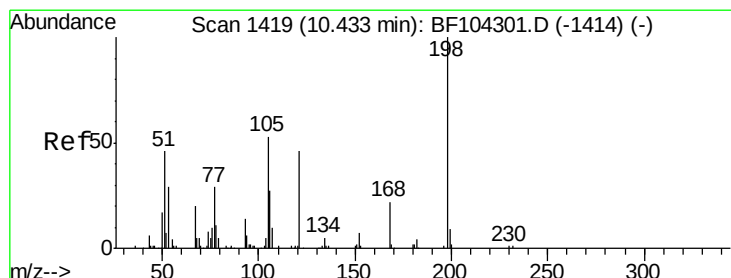
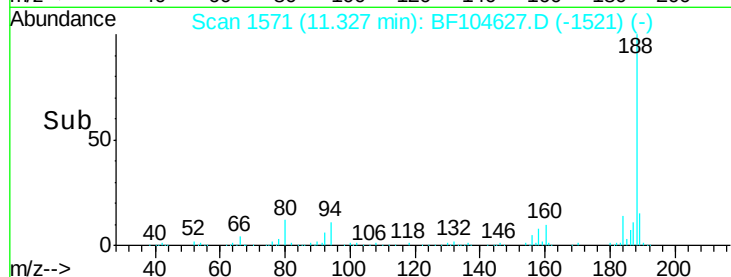
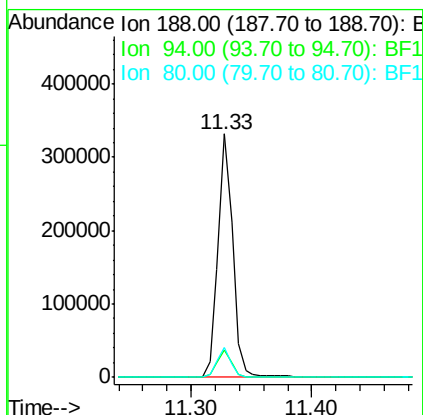
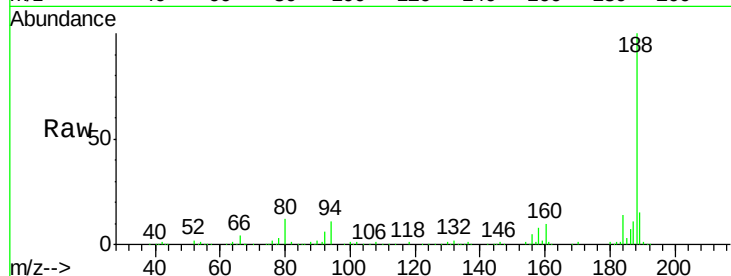




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

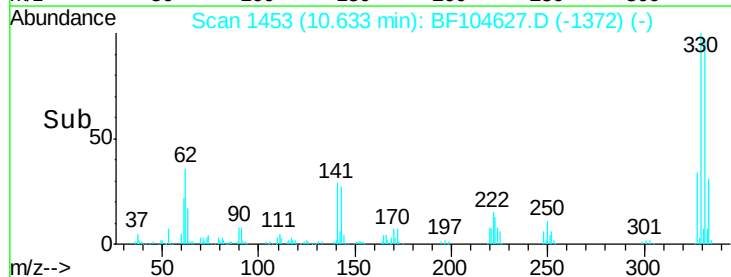
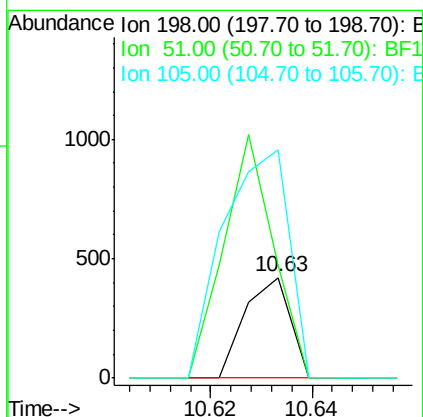
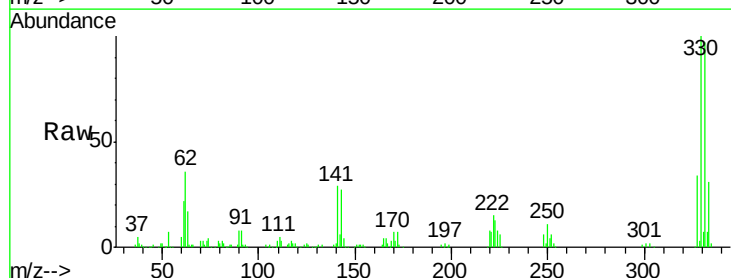
Instrument :
BNA_F
ClientSampleId :

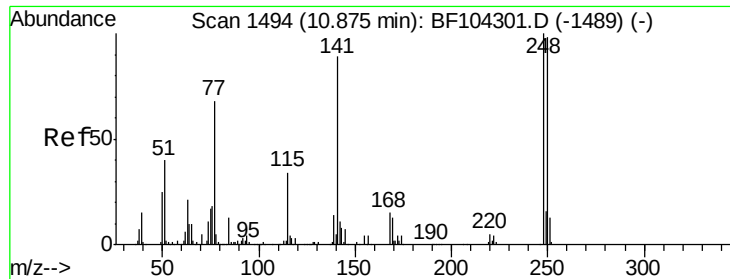
Tot Ion:188 Resp: 277355
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.511 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion:198 Resp: 261
Ion Ratio Lower Upper
198 100
51 112.8 37.7 77.7#
105 226.3 36.3 76.3#

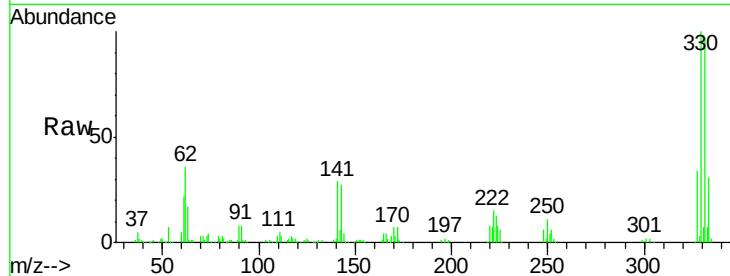




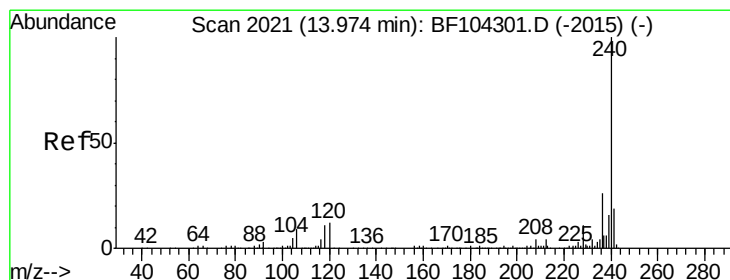
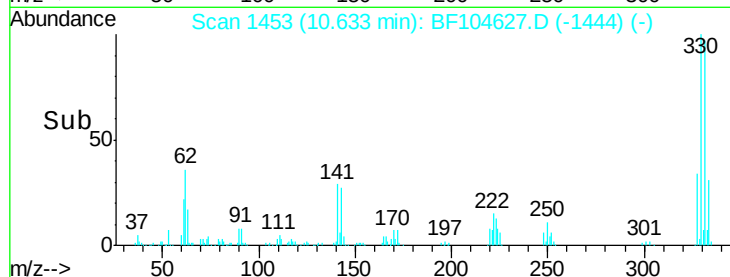
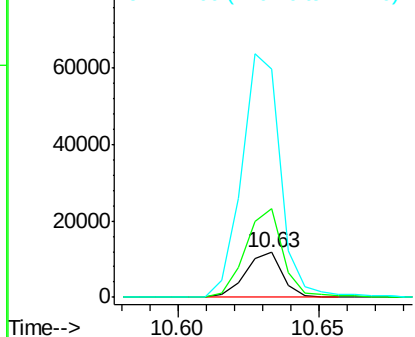
#66
4-Bromophenyl-phenylether
Concen: 3.626 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10696
Ion Ratio Lower Upper
248 100
250 199.1 76.9 115.3#
141 510.9 74.4 111.6#

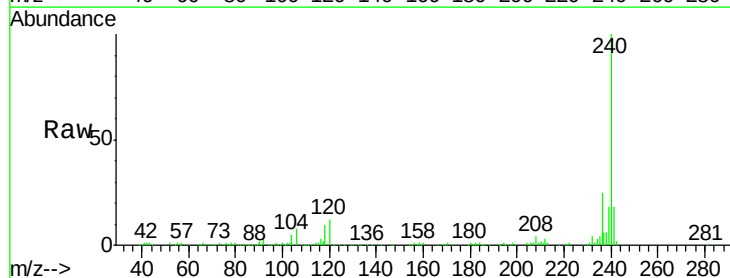


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

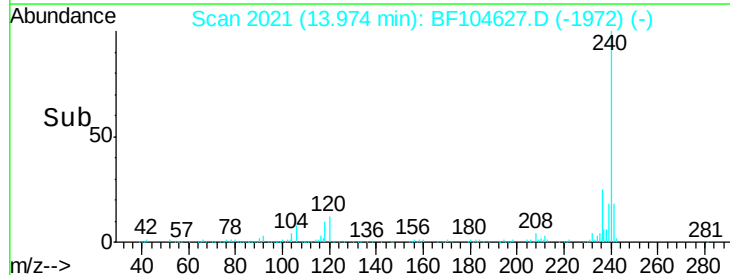
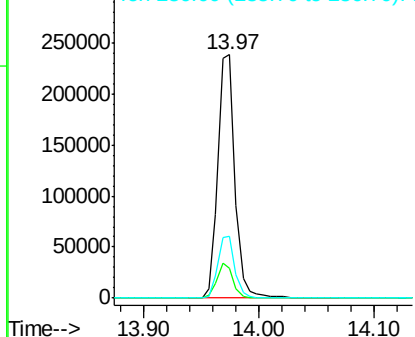


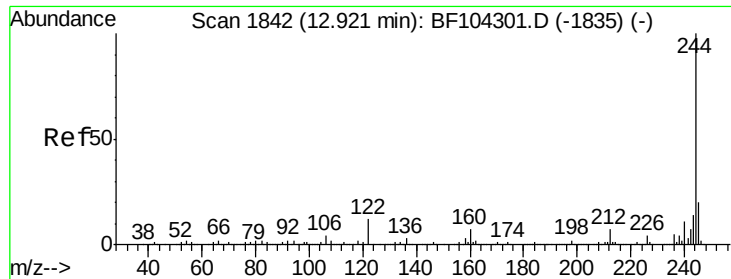
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104627.D
Acq: 19 Apr 2018 13:25

Tgt Ion:240 Resp: 245984
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.2 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

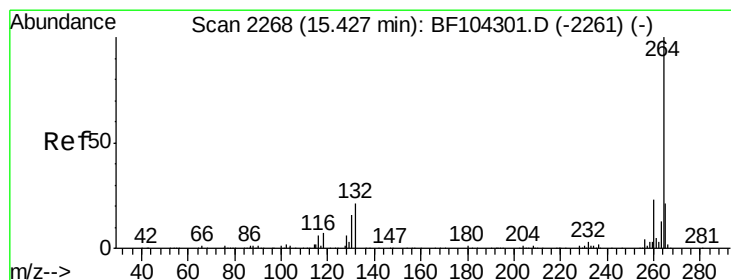
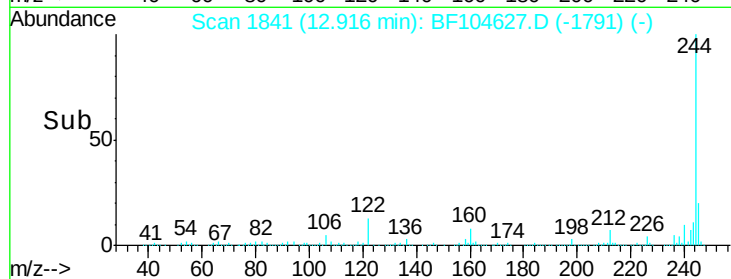
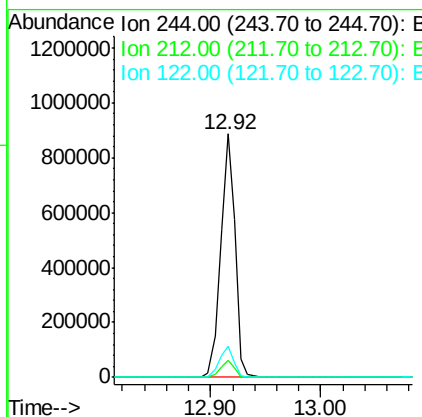
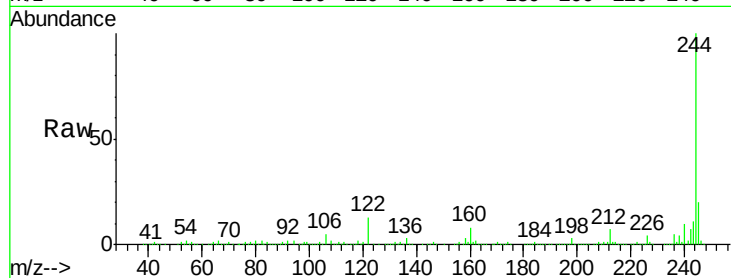




#78
 Terphenyl-d14
 Concen: 73.810 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 796382
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF104627.D
 Acq: 19 Apr 2018 13:25

Tgt Ion:264 Resp: 267223
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 17.5 26.3

