

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104775.D
 Acq On : 24 Apr 2018 23:42
 Operator : JU/SJ
 Sample : PB108528BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:03:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

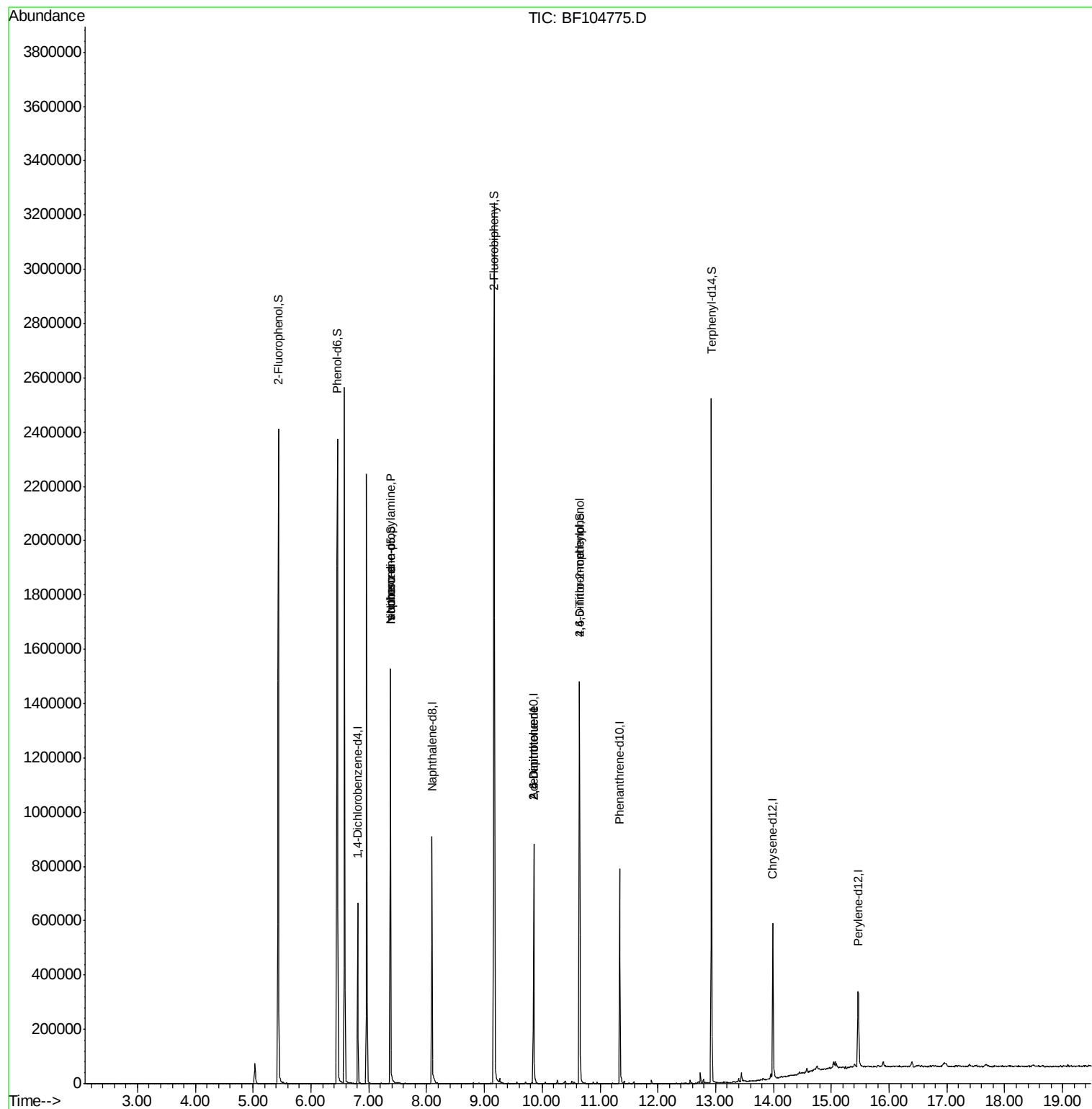
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	101747	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	415040	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	177940	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	280392	20.00	ng	0.00
75) Chrysene-d12	13.99	240	202377	20.00	ng	0.00
86) Perylene-d12	15.46	264	135659	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	750629	112.80	ng	0.02
7) Phenol-d6	6.46	99	897046	109.72	ng	0.01
23) Nitrobenzene-d5	7.37	82	547654	86.16	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	192322	104.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1036882	92.05	ng	0.00
78) Terphenyl-d14	12.93	244	833079	93.85	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	1253	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	72785	13.623 ng	#	73
25) Isophorone	7.37	82	547650	40.745 ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	21604	8.321 ng	#	25
56) 2,4-Dinitrotoluene	9.85	165	21604	6.343 ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.65	198	270	7.514 ng	#	1
76) Benzydine	12.69	184	4527	Below Cal	#	94

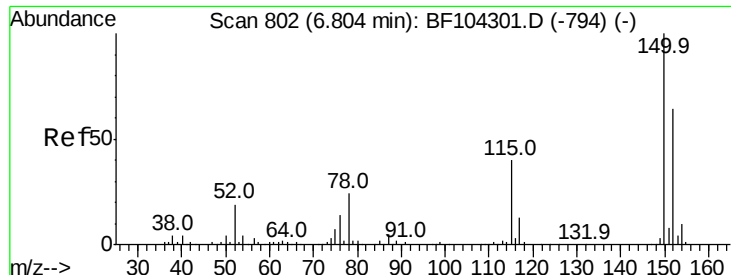
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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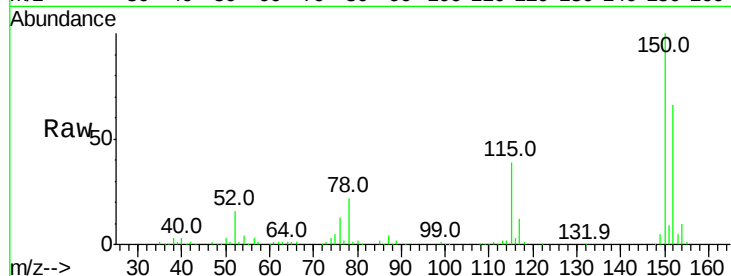


#1

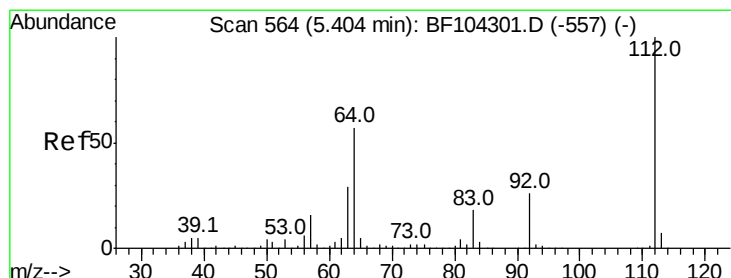
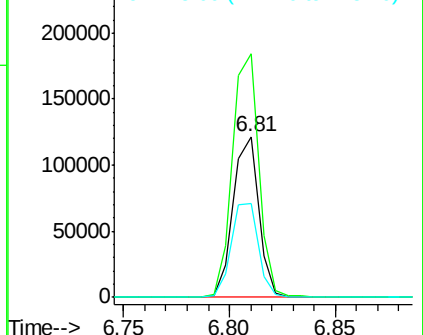
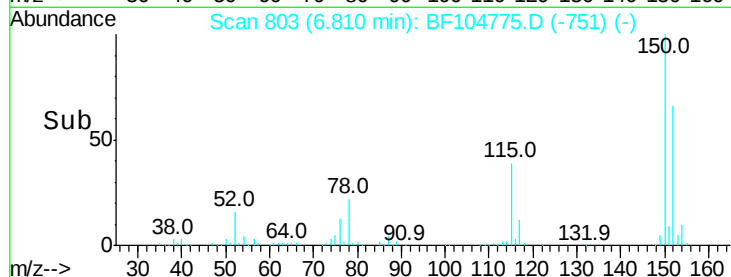
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101747
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 58.4 50.1 75.1



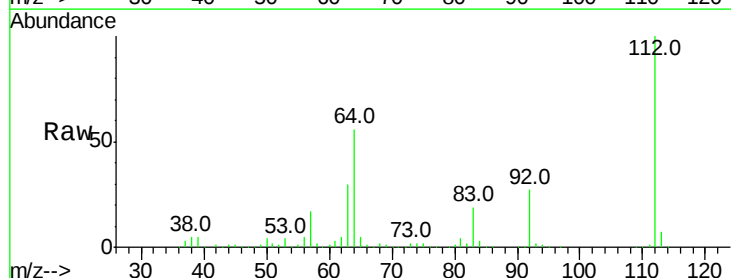
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



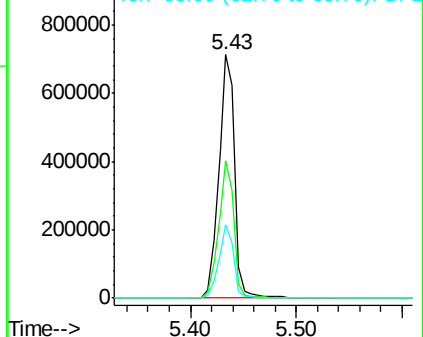
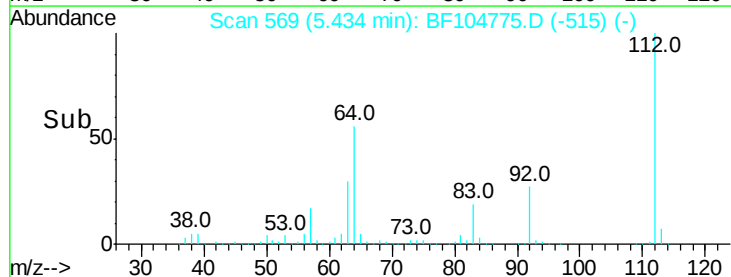
#5

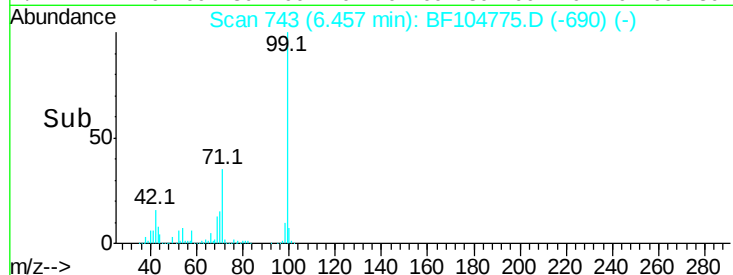
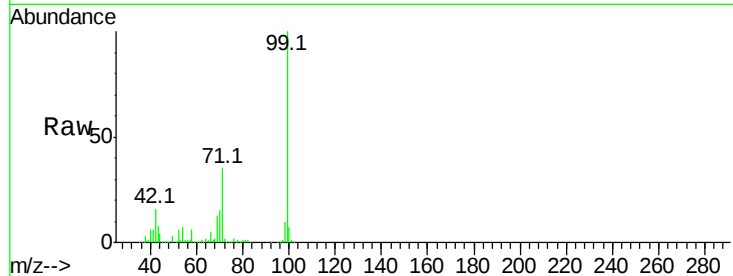
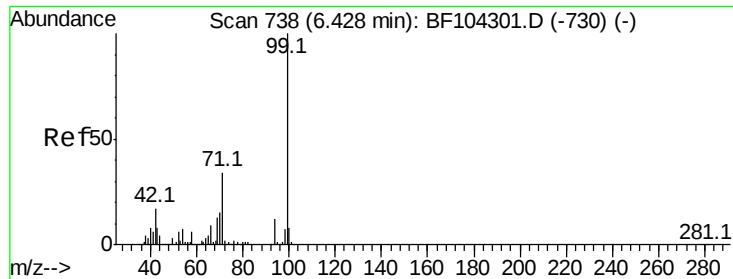
2-Fluorophenol
Concen: 112.805 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

Tgt Ion:112 Resp: 750629
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 30.1 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: 109.718 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

Instrument :

BNA_F

ClientSampled :

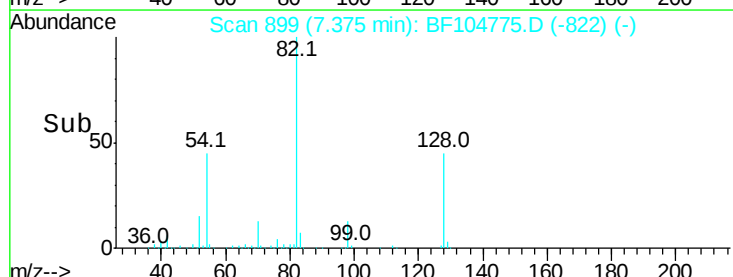
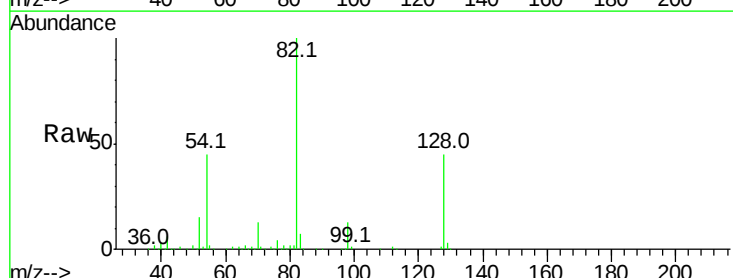
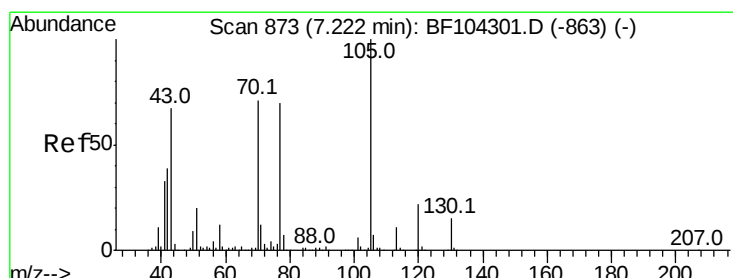
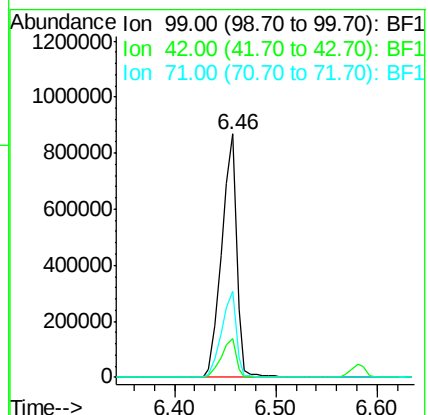
Tot Ion: 99 Resp: 897046

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

71 35.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.623 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

Tgt Ion: 70 Resp: 72785

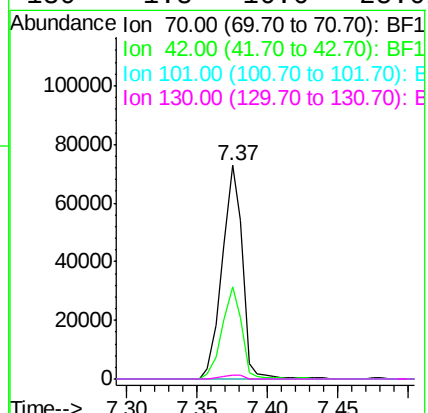
Ion Ratio Lower Upper

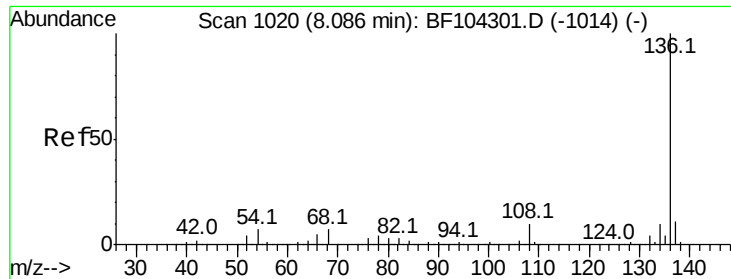
70 100

42 42.9 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

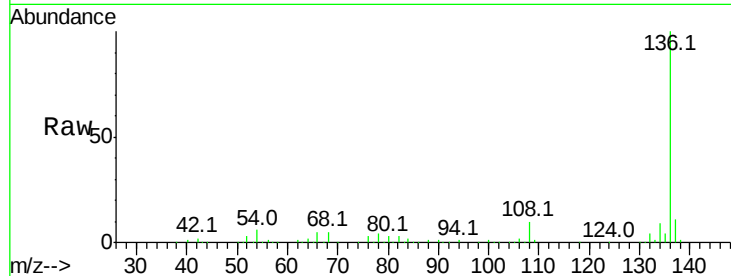




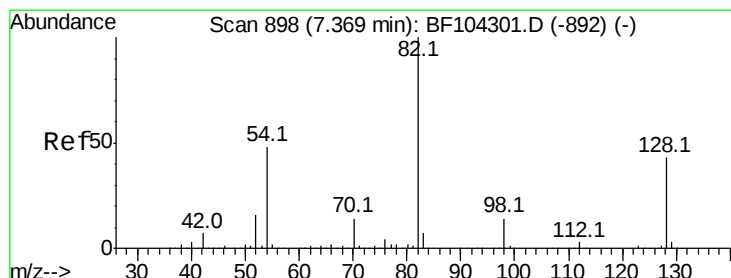
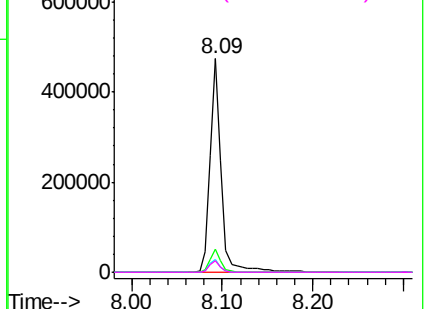
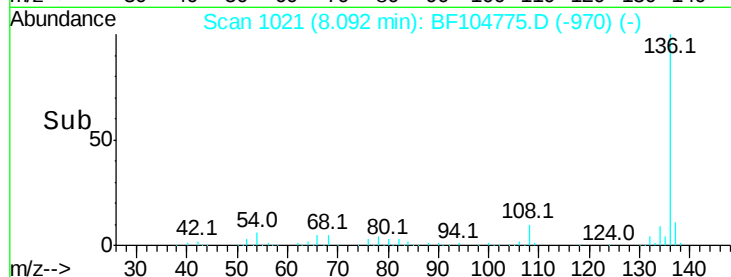
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	415040
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4

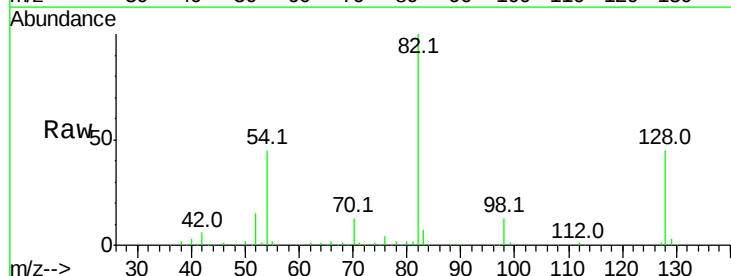


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

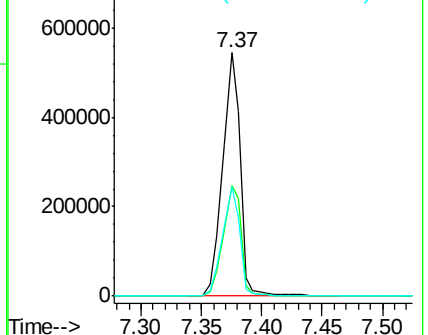
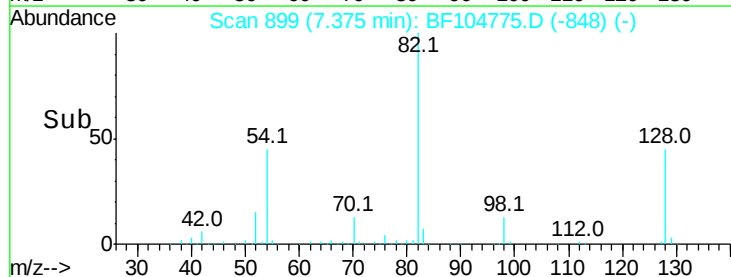


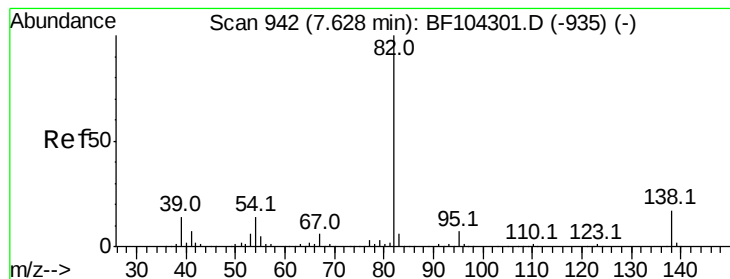
#23
Nitrobenzene-d5
Concen: 86.162 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104775.D
Acq: 24 Apr 2018 23:42

Tgt Ion:	82	Resp:	547654
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.0	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: 40.745 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

Instrument :

BNA_F

ClientSampleId :

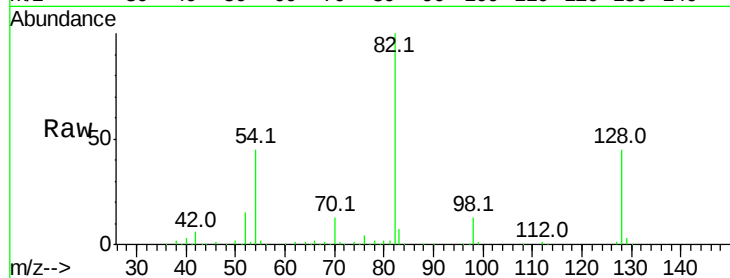
Tot Ion: 82 Resp: 547650

Ion Ratio Lower Upper

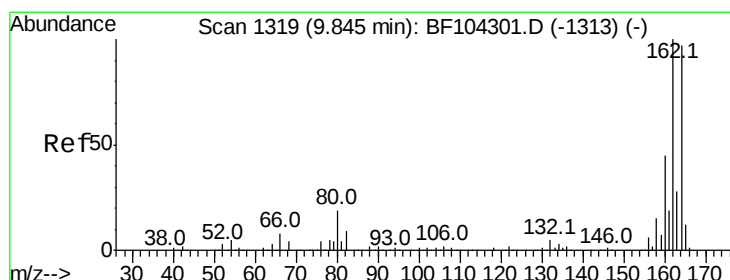
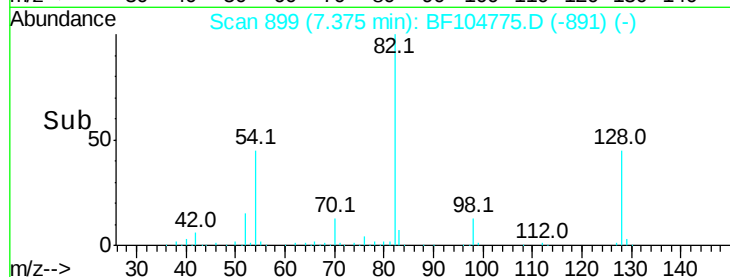
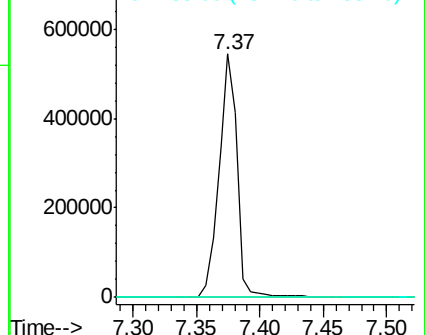
82 100

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. 0.01 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

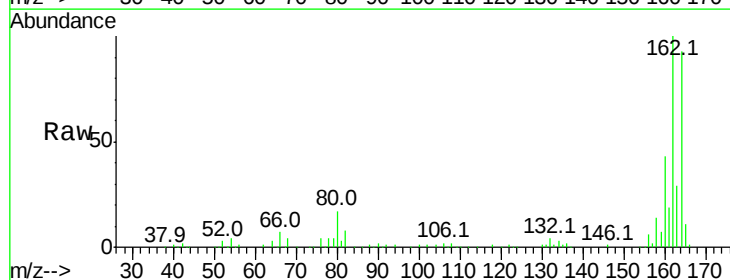
Tgt Ion:164 Resp: 177940

Ion Ratio Lower Upper

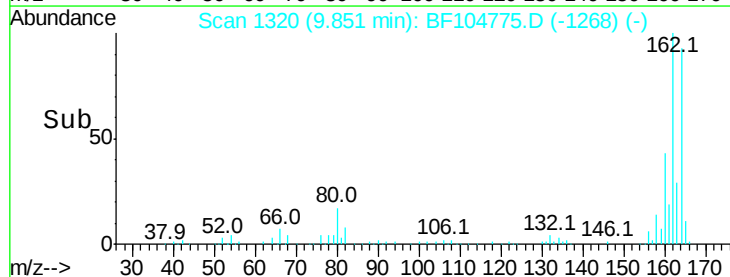
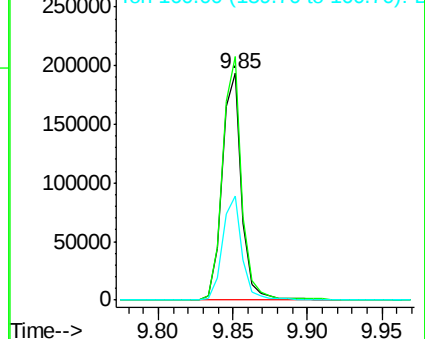
164 100

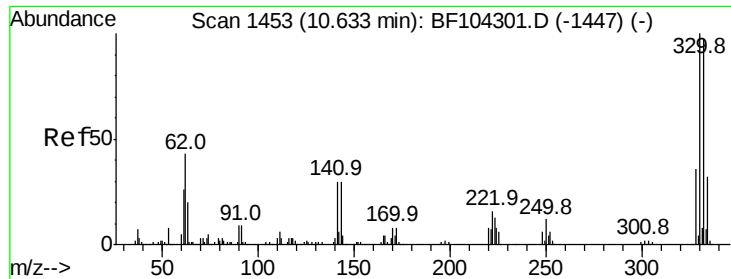
162 107.5 86.1 129.1

160 46.2 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

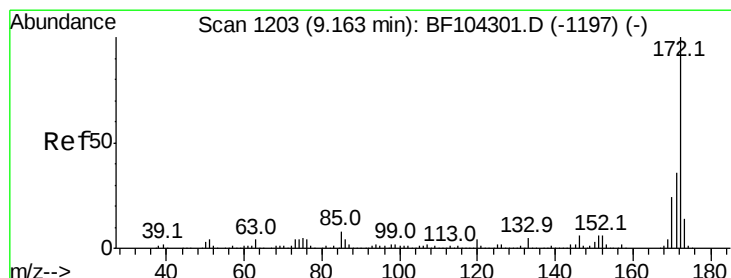
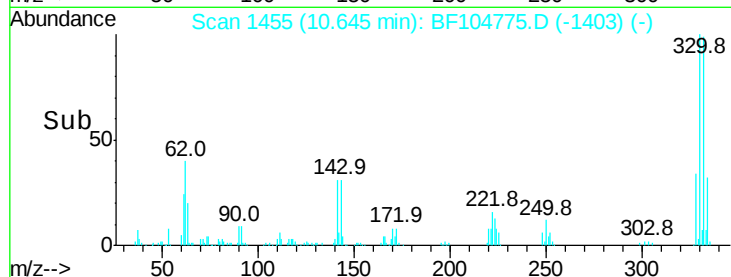
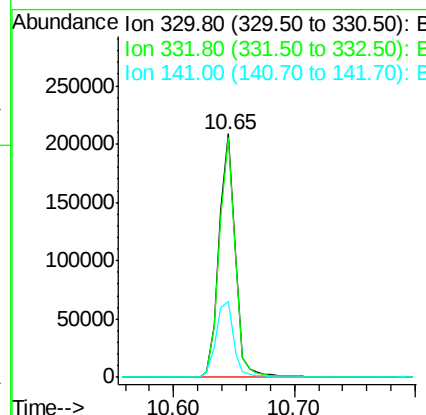
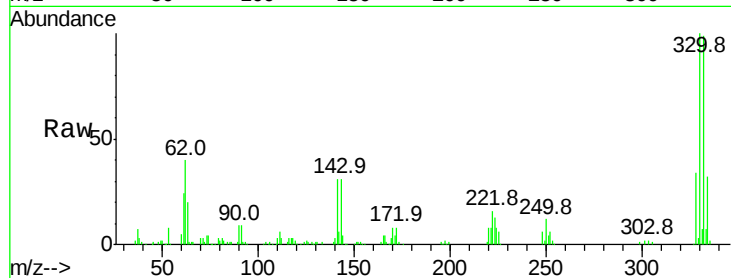




#41
 2,4,6-Tribromophenol
 Concen: 104.193 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

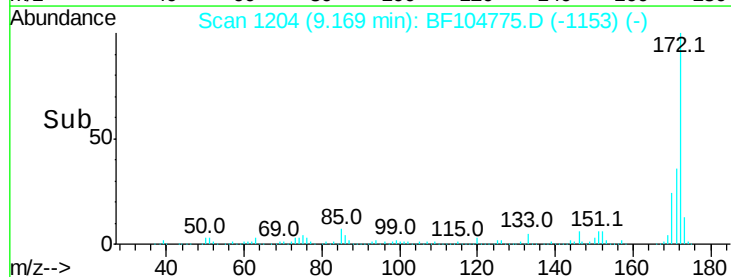
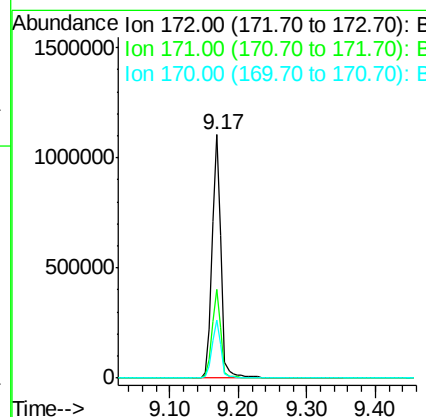
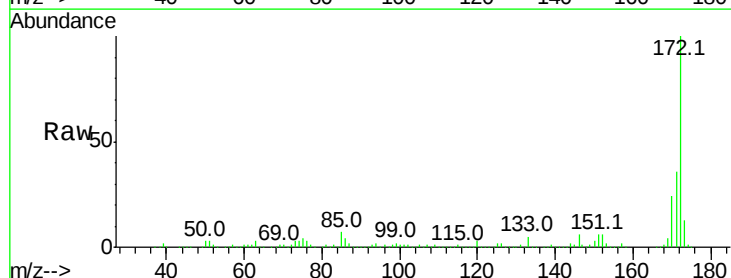
Instrument :
 BNA_F
 ClientSampleId :

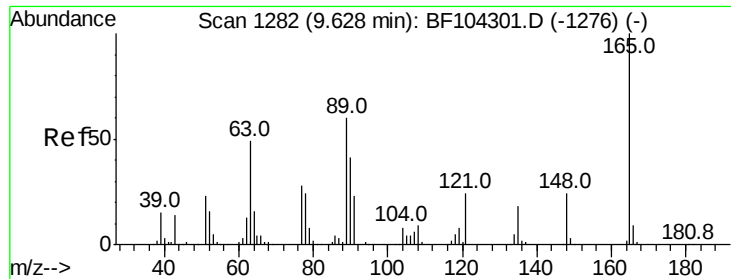
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	34.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 92.054 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4

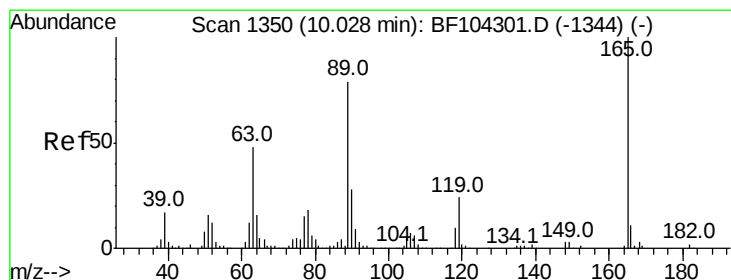
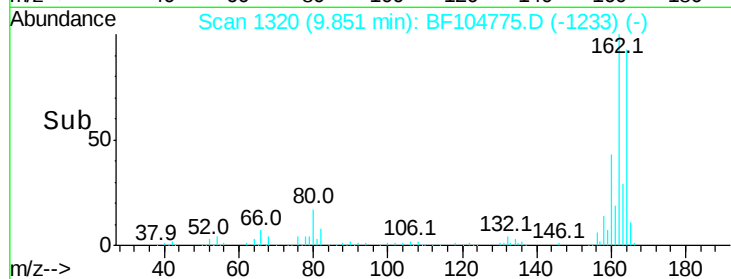
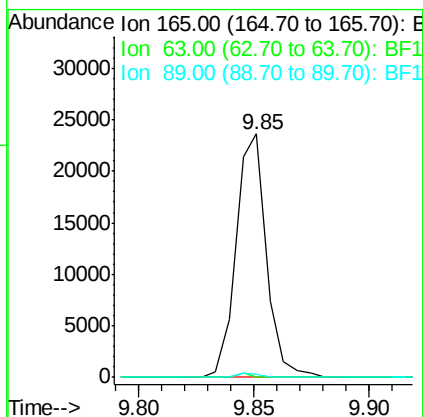
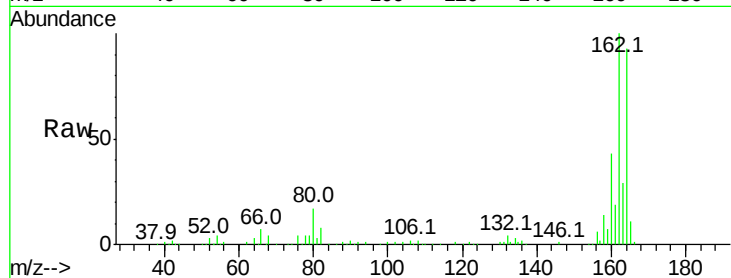




#50
 2,6-Dinitrotoluene
 Concen: 8.321 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

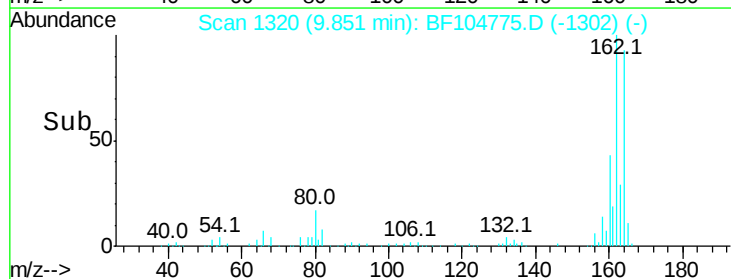
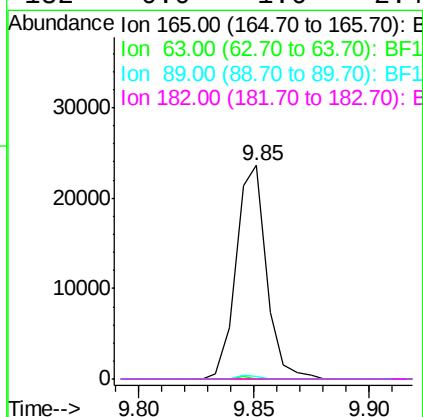
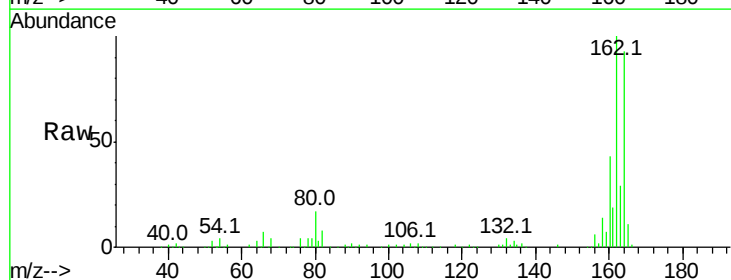
Instrument :
 BNA_F
 ClientSampleId :

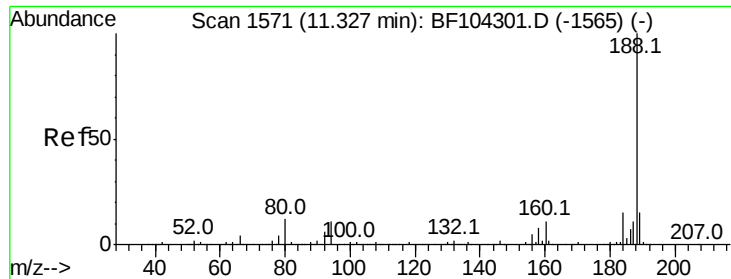
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.343 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

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

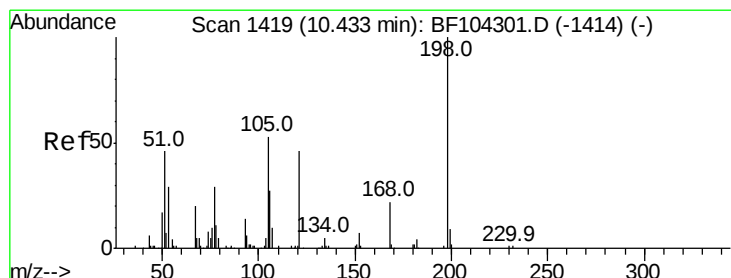
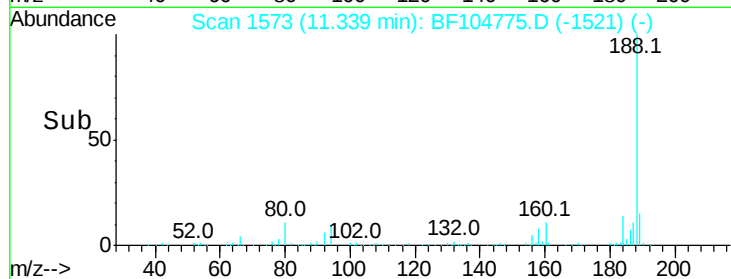
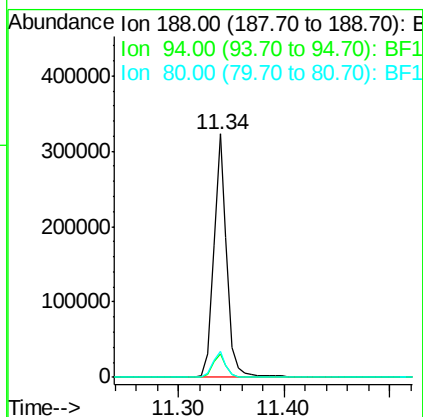
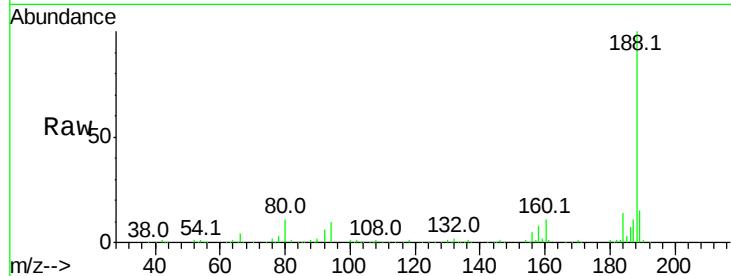




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

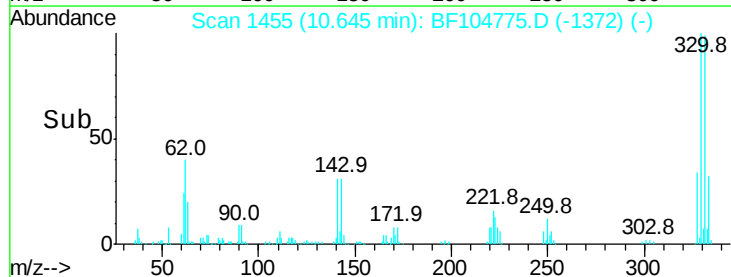
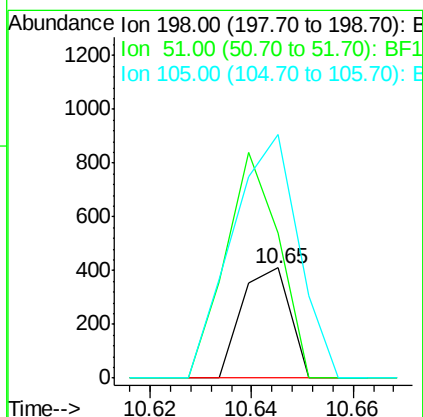
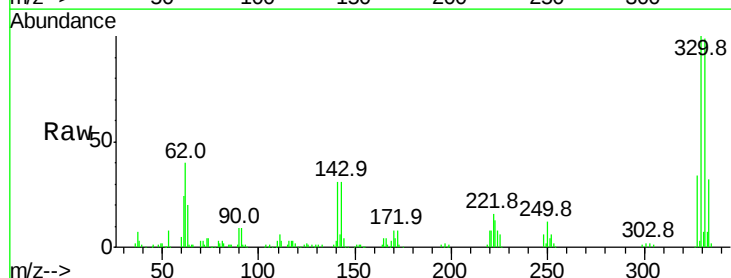
Instrument :
 BNA_F
 ClientSampleId :

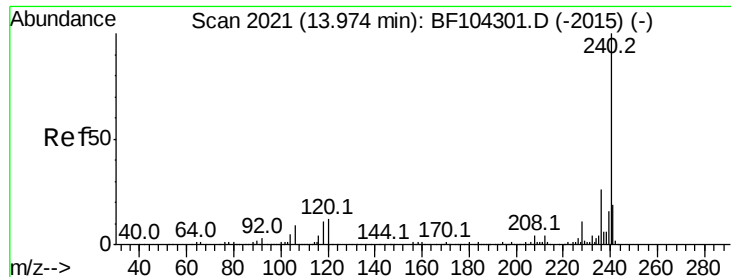
Tot Ion:188 Resp: 280392
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.514 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.19 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Tgt Ion:198 Resp: 270
 Ion Ratio Lower Upper
 198 100
 51 131.6 37.7 77.7#
 105 220.4 36.3 76.3#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

Instrument :

BNA_F

ClientSampled :

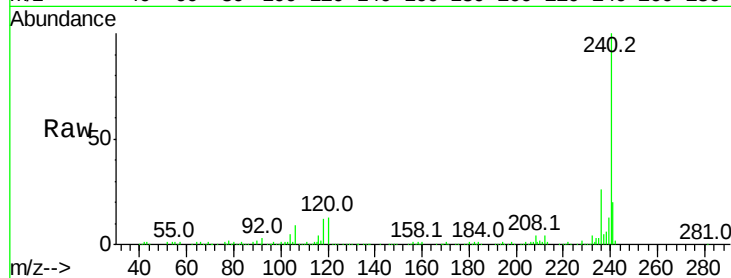
Tot Ion:240 Resp: 202377

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

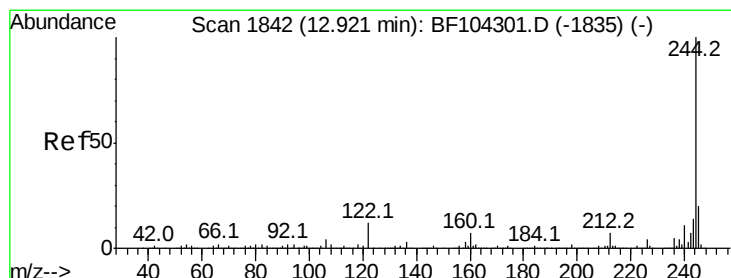
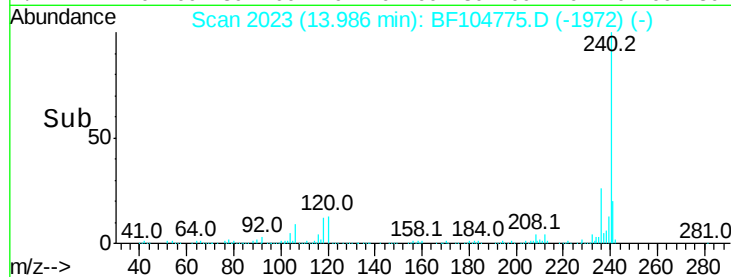
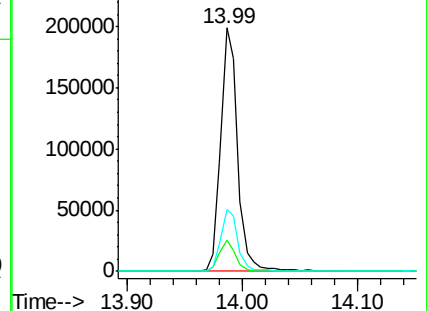
236 25.6 20.7 31.1



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: 93.849 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104775.D

Acq: 24 Apr 2018 23:42

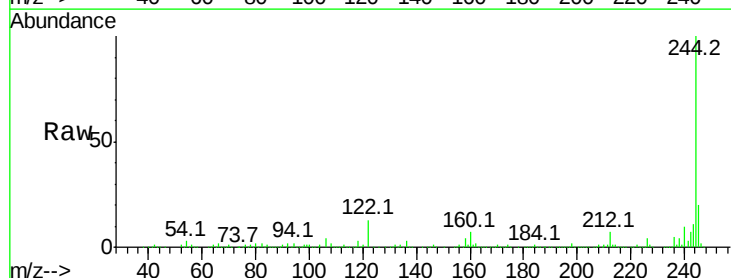
Tgt Ion:244 Resp: 833079

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

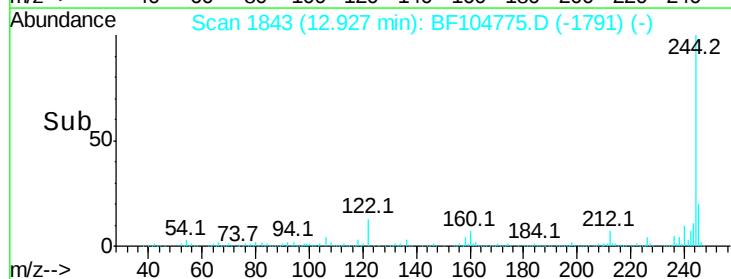
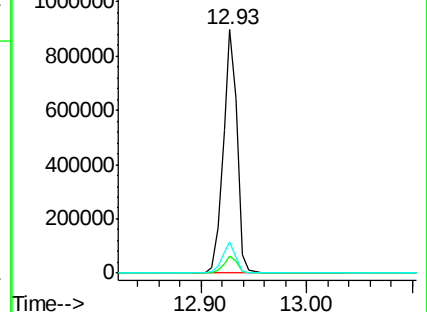
122 12.8 11.0 16.4

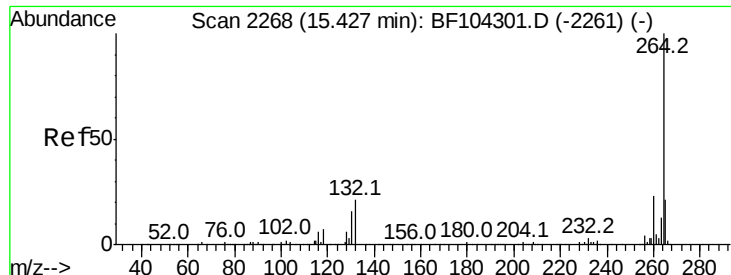


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104775.D
 Acq: 24 Apr 2018 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.4	17.5	26.3

