

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110026.D
 Acq On : 20 Oct 2018 2:53
 Operator : JU/SJ
 Sample : J5593-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 04:02:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 20 01:53:35 2018
 Response via : Initial Calibration

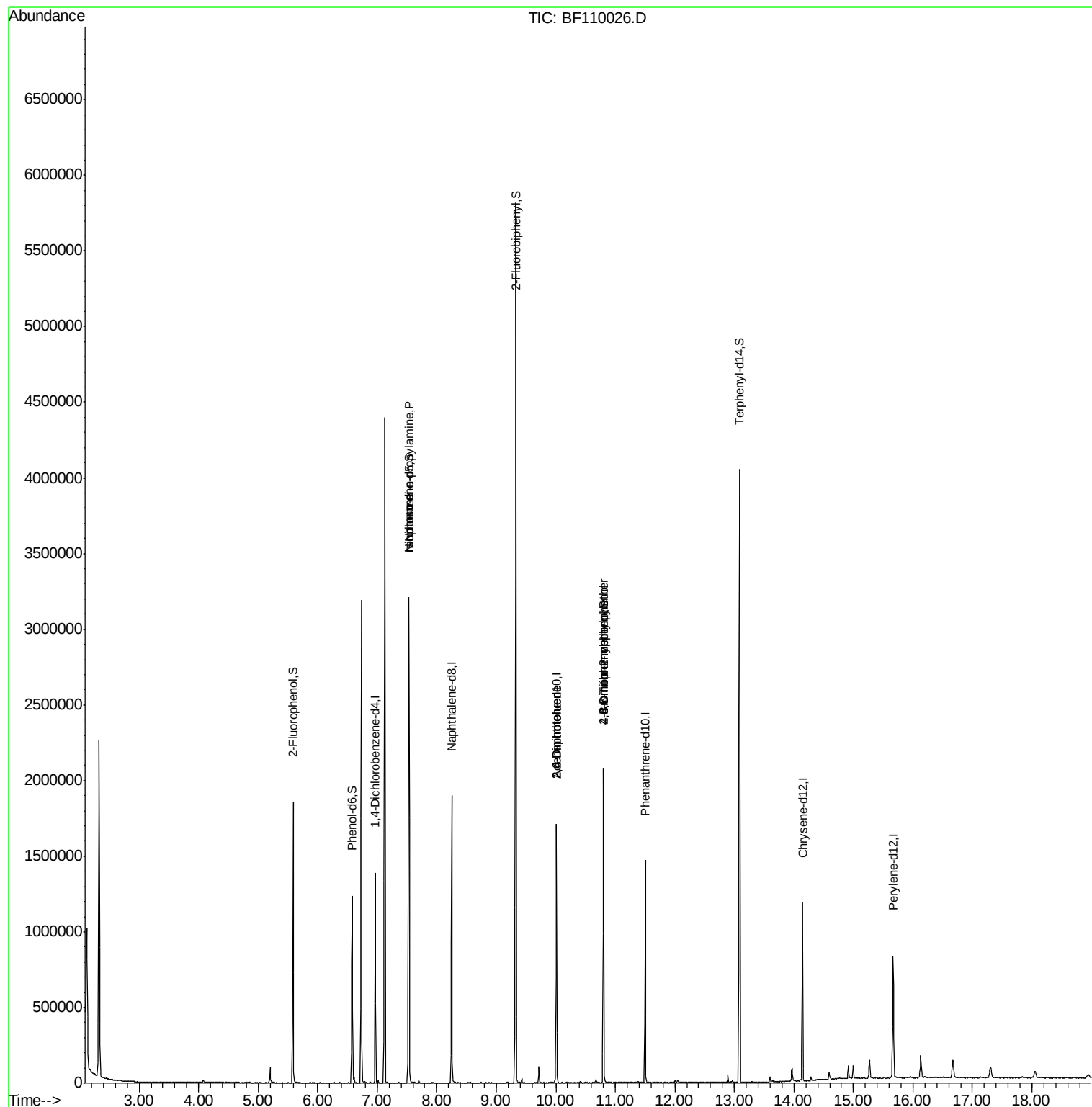
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	189348	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	759541	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	331530	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	524749	20.00	ng	0.00
76) Chrysene-d12	14.14	240	368094	20.00	ng	0.00
87) Perylene-d12	15.67	264	299393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	458271	38.36	ng	0.00
7) Phenol-d6	6.58	99	348274	23.48	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1120418	99.37	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	230263	80.22	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1905966	91.73	ng	0.00
79) Terphenyl-d14	13.09	244	1350300	77.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	148325	15.574	ng	# 79
25) Isophorone	7.53	82	1120401	50.572	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	41369	9.278	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	41369	11.227	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.80	198	399	8.080	ng	# 1
67) 4-Bromophenyl-phenylether	10.80	248	14449	2.541	ng	# 1

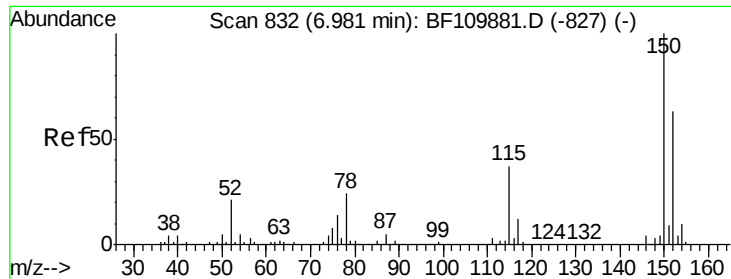
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Oct 20 04:02:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration



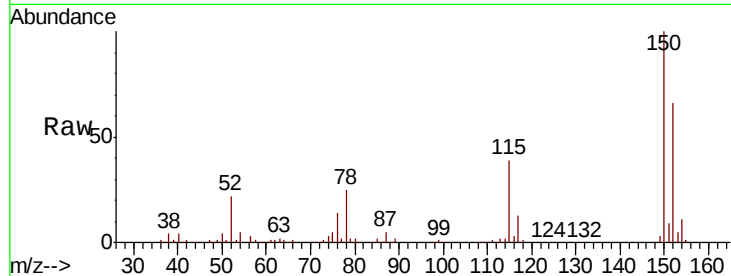


#1

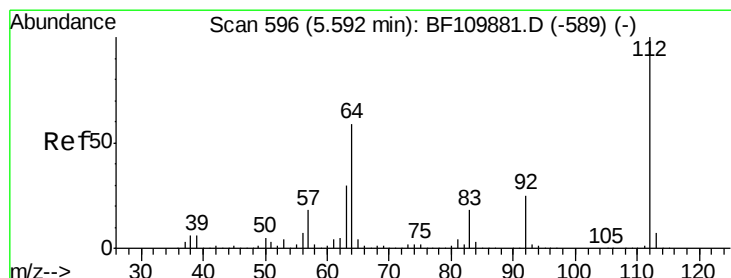
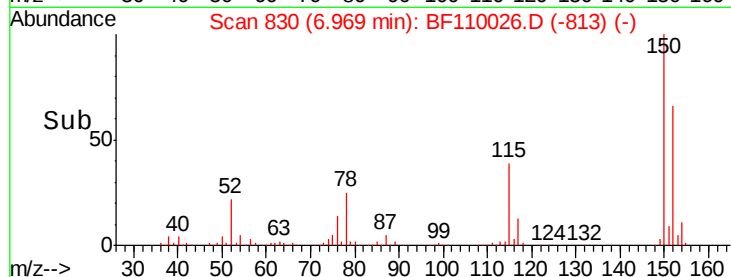
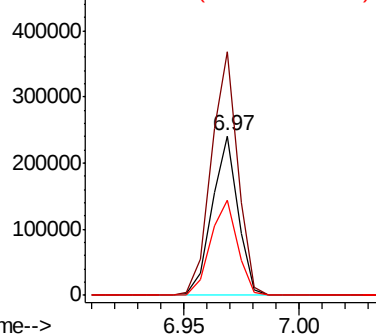
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189348
Ion Ratio Lower Upper
152 100
150 152.5 122.7 184.1
115 59.6 49.1 73.7



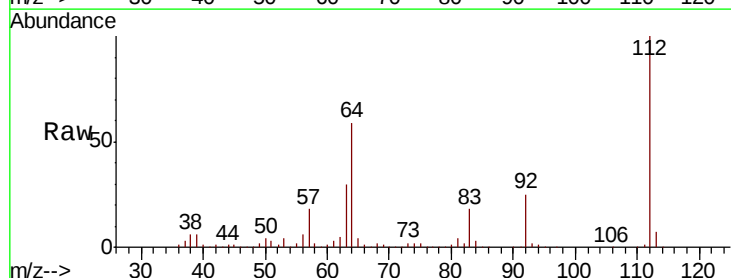
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



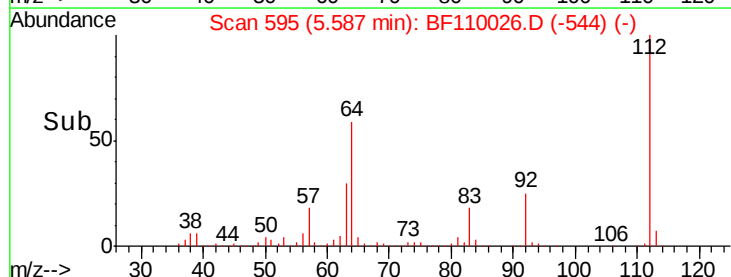
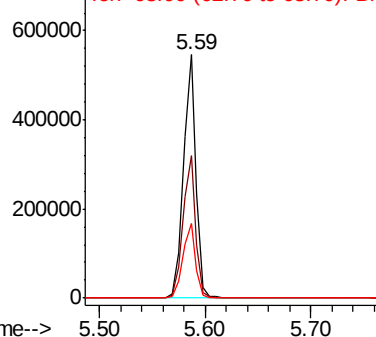
#5

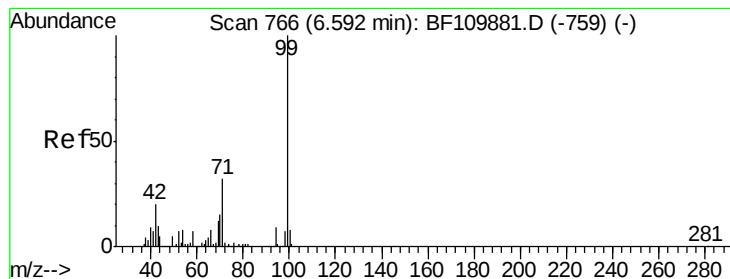
2-Fluorophenol
Concen: 38.364 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion:112 Resp: 458271
Ion Ratio Lower Upper
112 100
64 58.5 44.1 66.1
63 30.5 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: 23.480 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

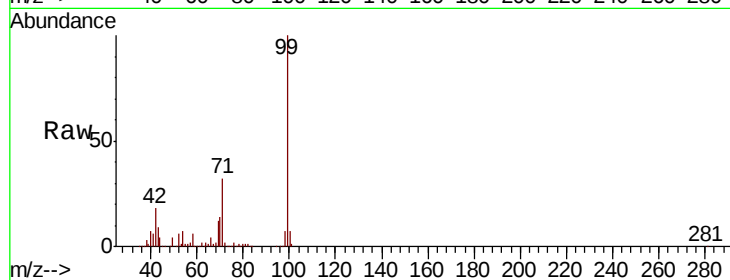
Tot Ion: 99 Resp: 348274

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

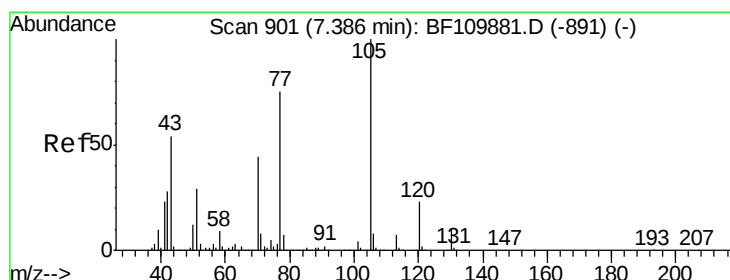
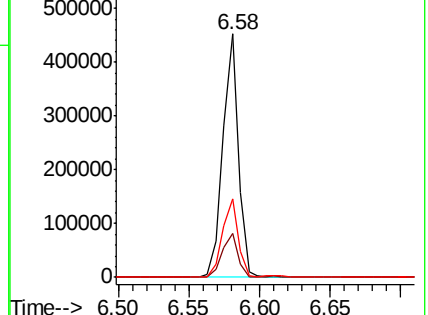
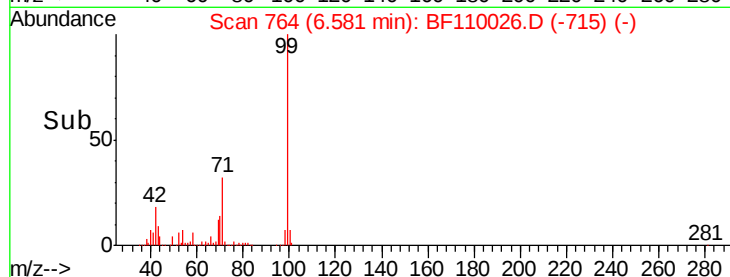
71 32.2 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.574 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Tgt Ion: 70 Resp: 148325

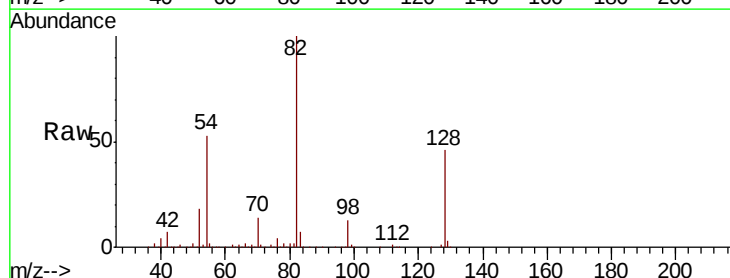
Ion Ratio Lower Upper

70 100

42 48.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

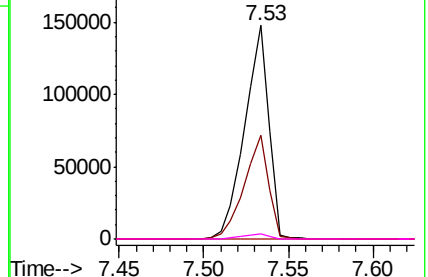
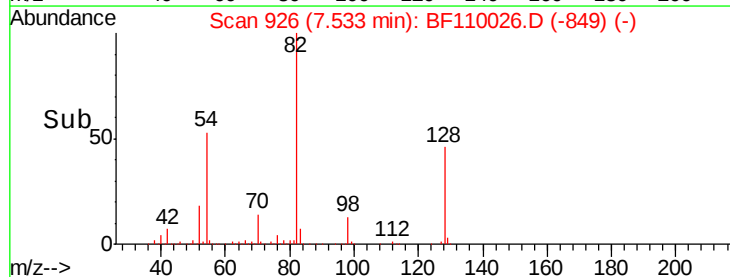


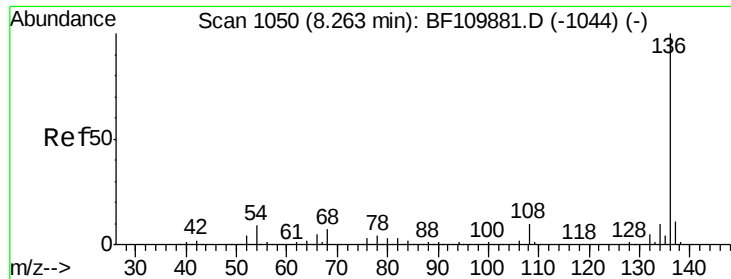
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

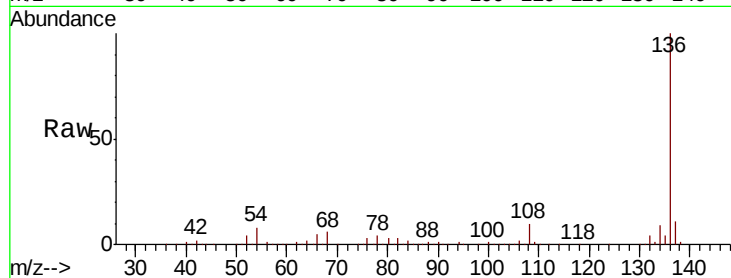




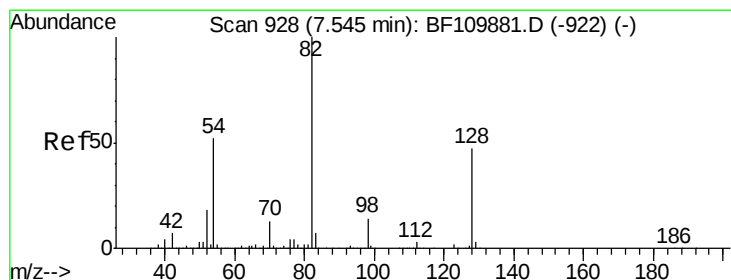
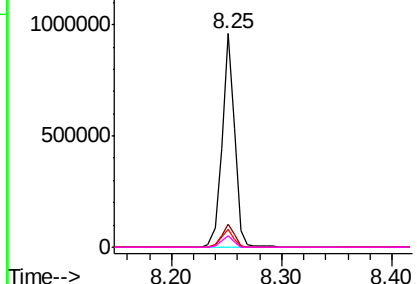
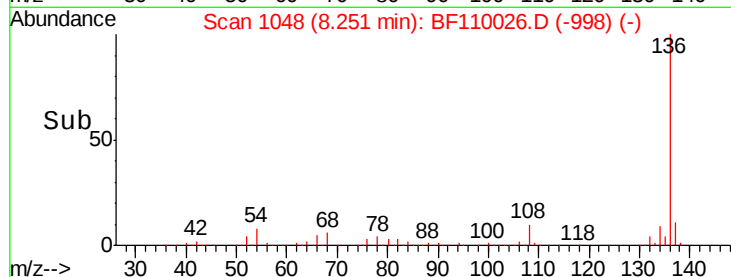
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	759541
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	8.3	5.4 8.2#
68	5.6	4.2 6.2

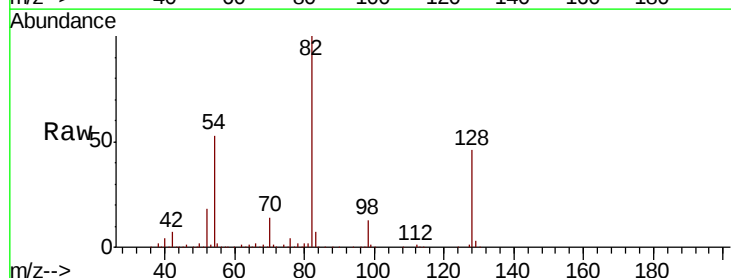


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

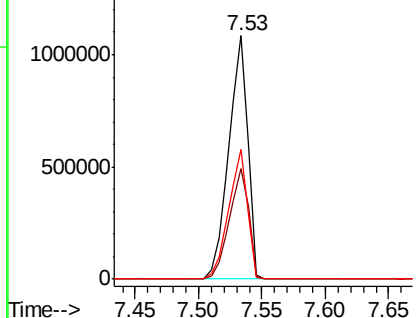
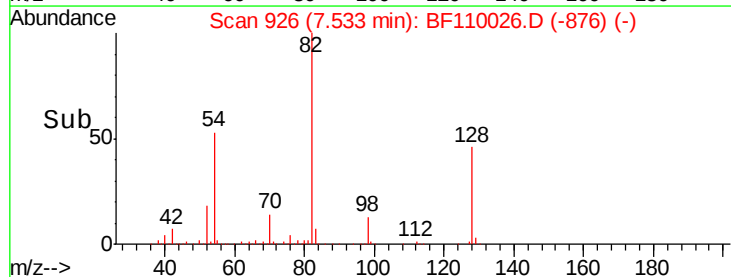


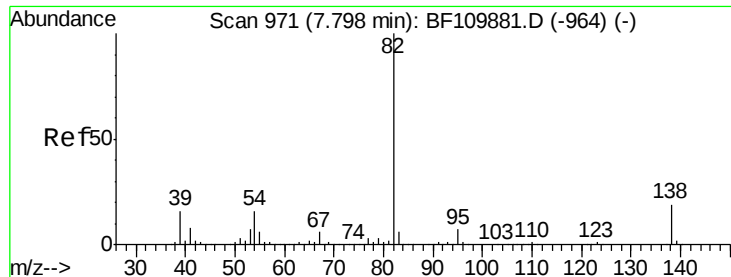
#23
Nitrobenzene-d5
Concen: 99.370 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion: 82	Resp:	1120418
Ion Ratio	Lower	Upper
82	100	
128	45.6	34.2 51.2
54	53.3	38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

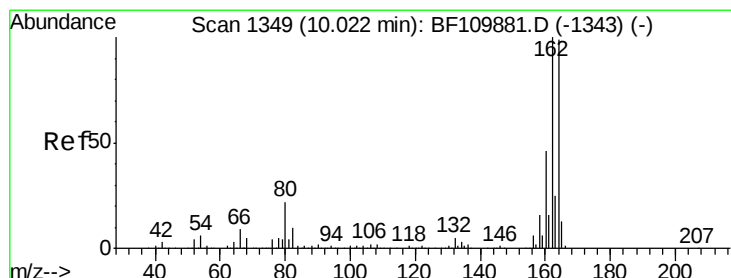
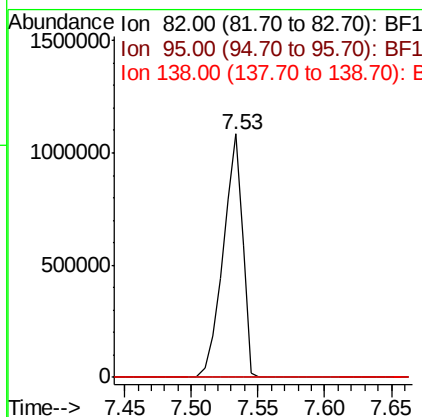
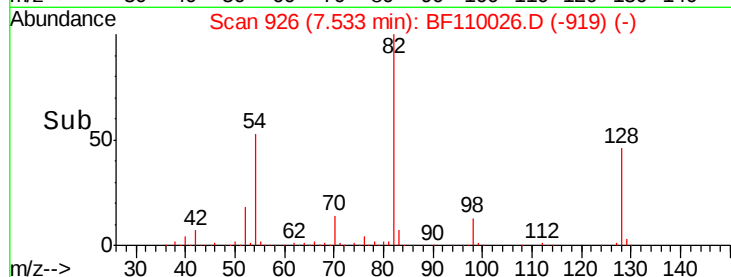
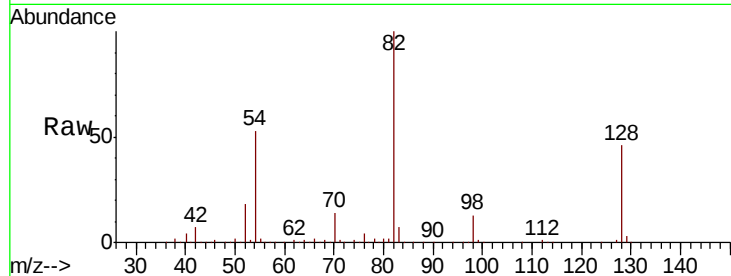




#25
Isophorone
Concen: 50.572 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

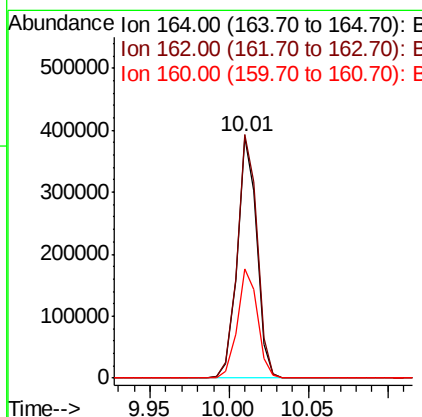
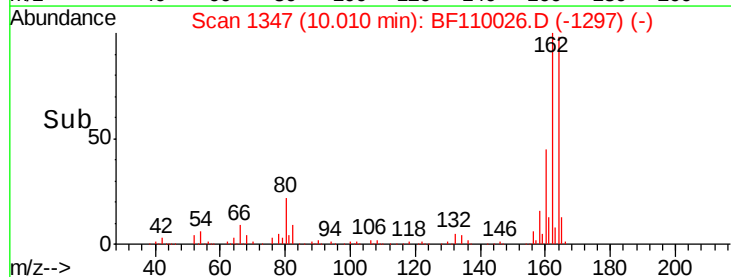
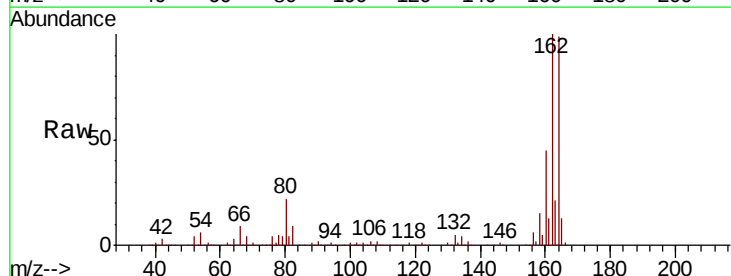
Instrument :
BNA_F
ClientSampleID :

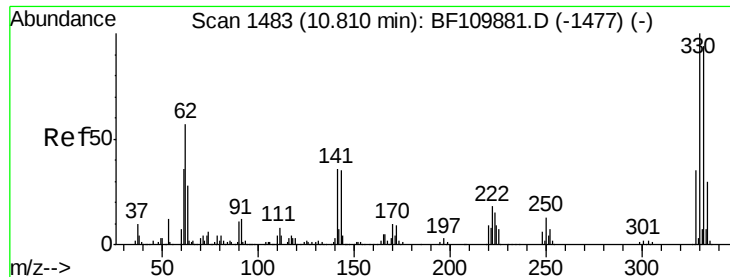
Tot Ion: 82 Resp: 1120401
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion:164 Resp: 331530
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 45.3 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 80.223 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BF110026.D

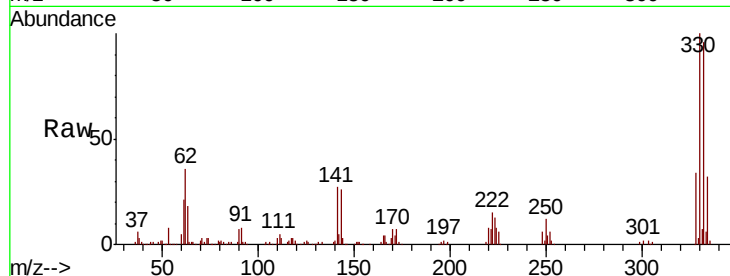
Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	230263
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	36.8	27.0	40.4

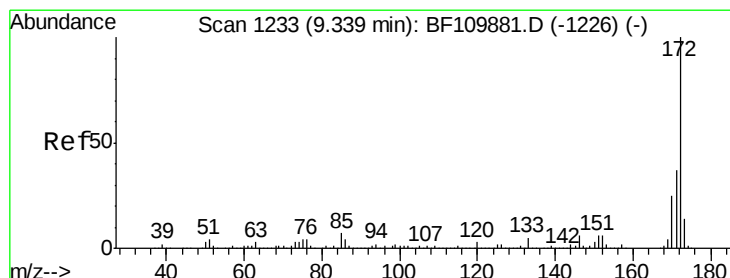
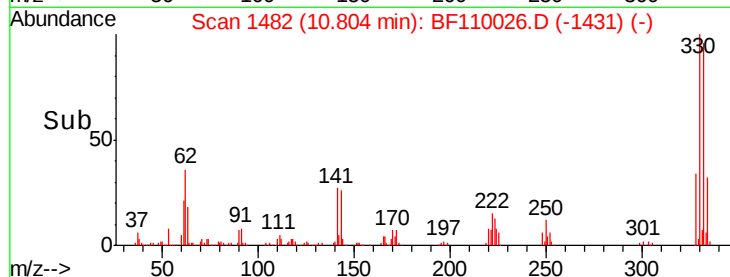
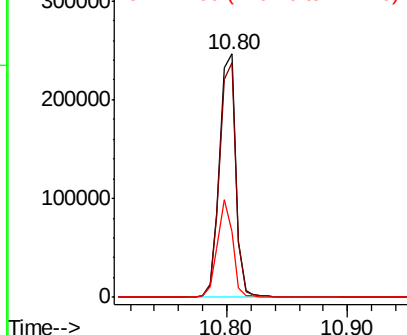


Abundance

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



#45

2-Fluorobiphenyl

Concen: 91.734 ng

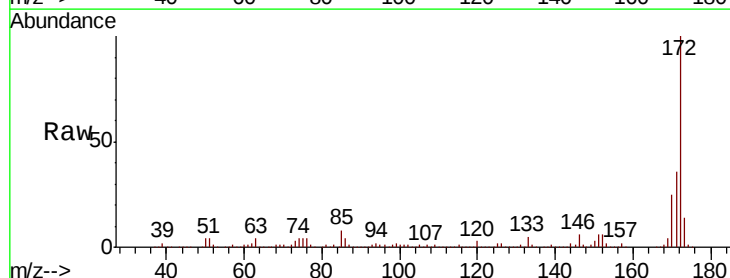
RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Tgt Ion:	172	Resp:	1905966
Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.6	19.7	29.5

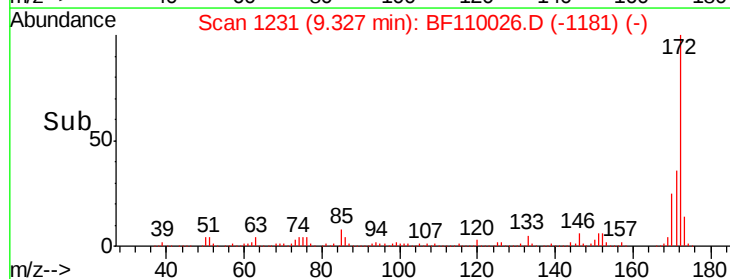
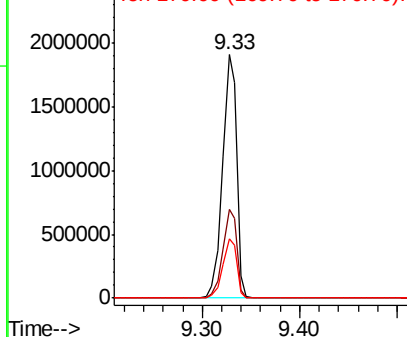


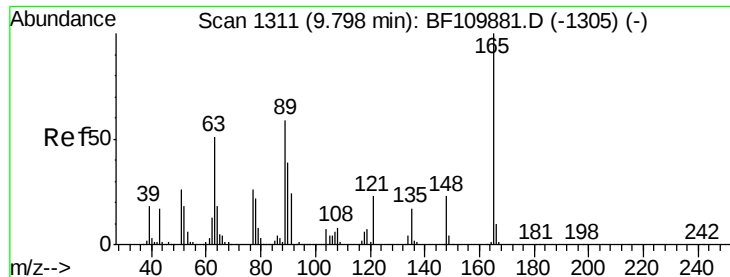
Abundance

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

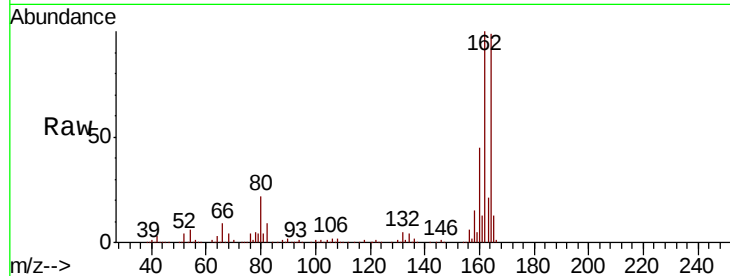




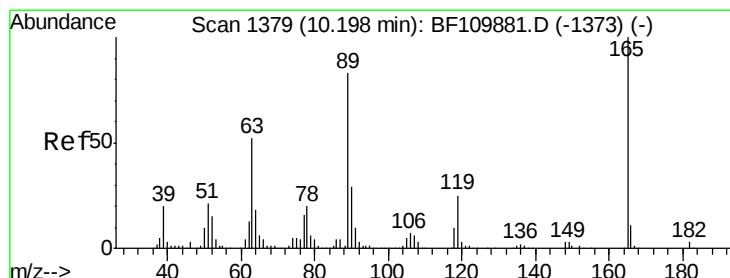
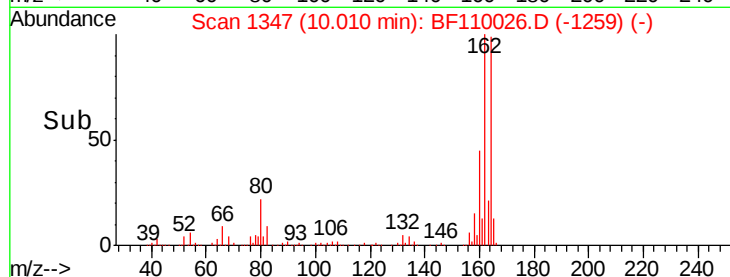
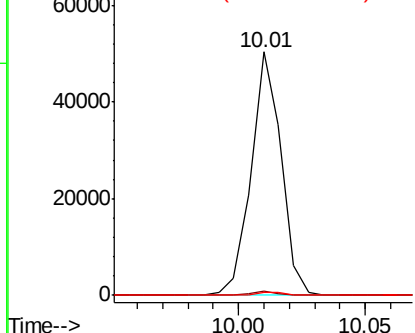
#51
 2,6-Dinitrotoluene
 Concen: 9.278 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110026.D
 Acq: 20 Oct 2018 2:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.9	73.3#
89	1.5	46.6	69.8#



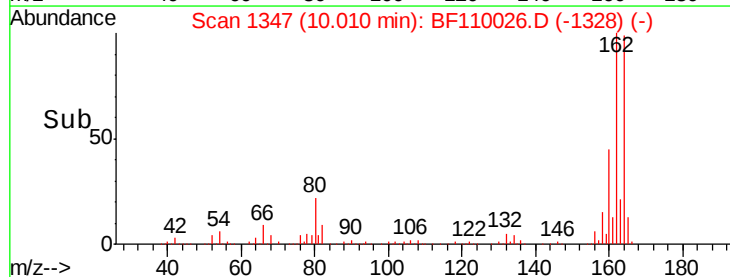
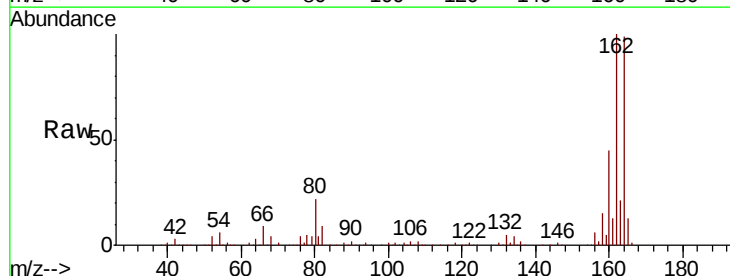
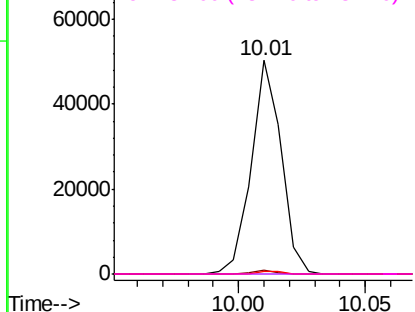
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

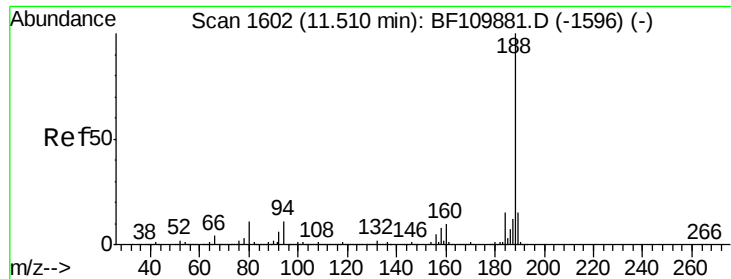


#57
 2,4-Dinitrotoluene
 Concen: 11.227 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110026.D
 Acq: 20 Oct 2018 2:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

Instrument :

BNA_F

ClientSampleId :

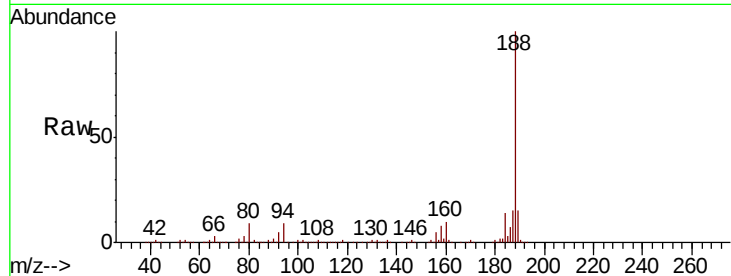
Tot Ion:188 Resp: 524749

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

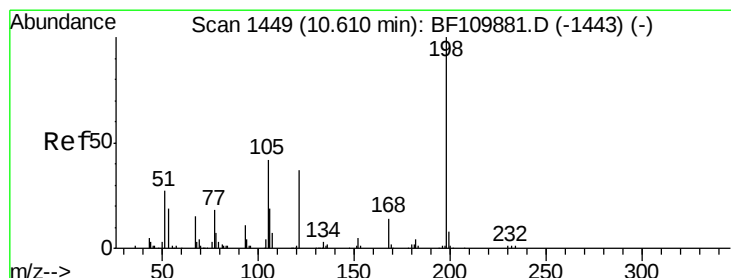
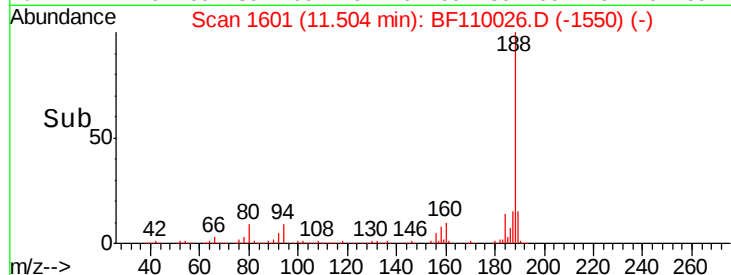
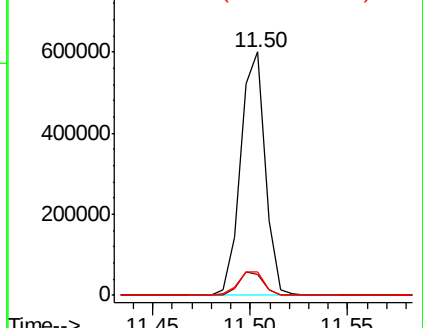
80 9.4 7.9 11.9



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



#65

4,6-Dinitro-2-methylphenol

Concen: 8.080 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.19 min

Lab File: BF110026.D

Acq: 20 Oct 2018 2:53

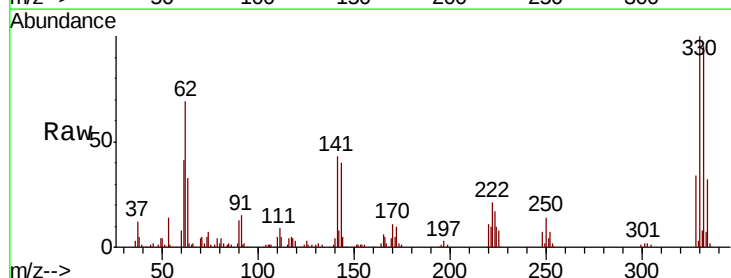
Tgt Ion:198 Resp: 399

Ion Ratio Lower Upper

198 100

51 213.5 22.8 62.8#

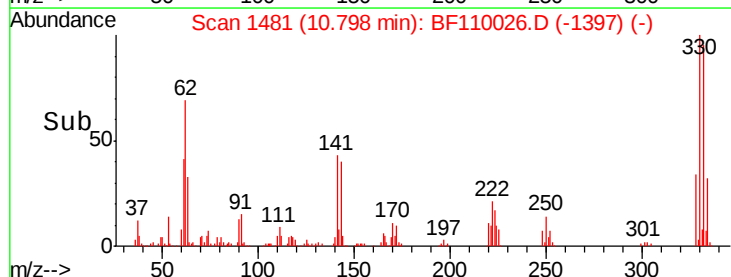
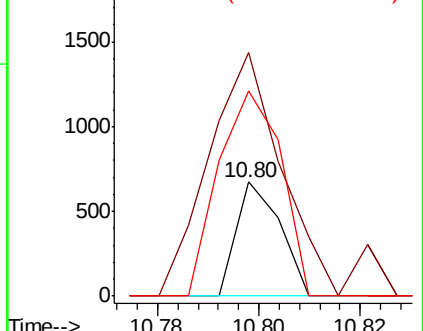
105 179.5 23.6 63.6#

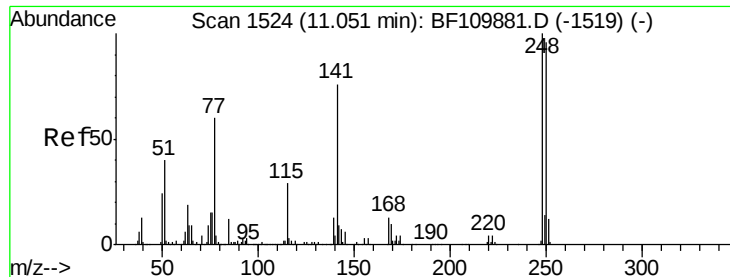


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

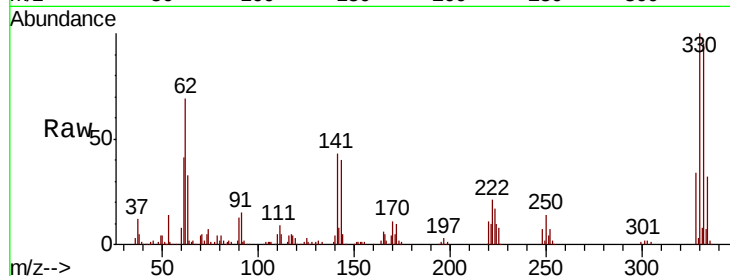




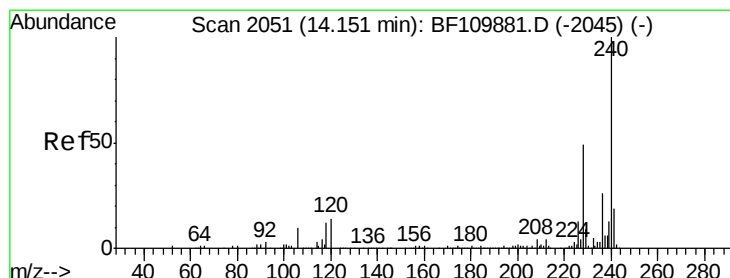
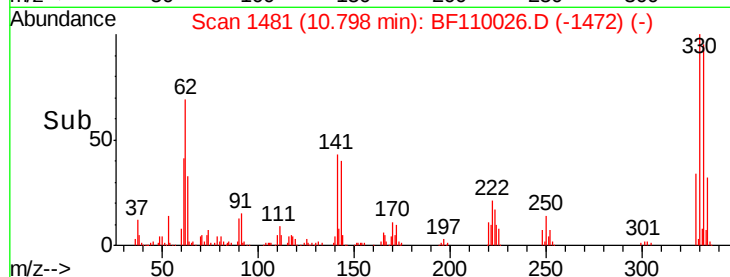
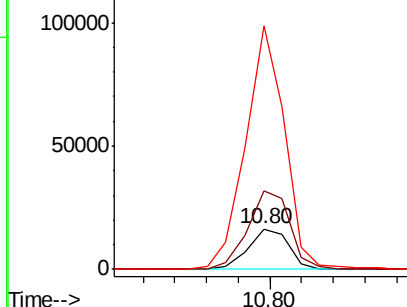
#67
 4-Bromophenyl-phenylether
 Concen: 2.541 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.25 min
 Lab File: BF110026.D
 Acq: 20 Oct 2018 2:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 14449
 Ion Ratio Lower Upper
 248 100
 250 193.1 79.4 119.2#
 141 599.7 55.9 83.9#

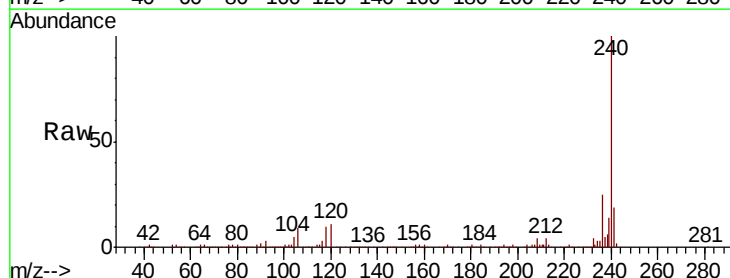


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

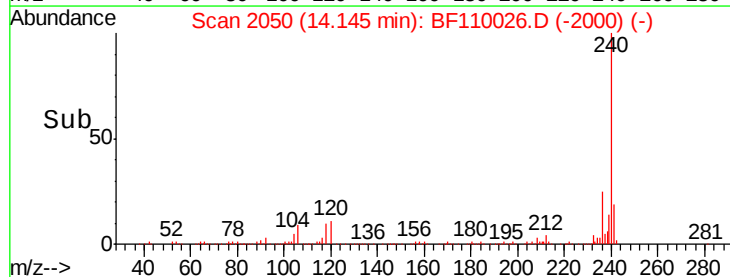
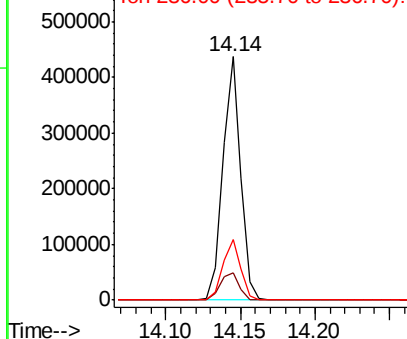


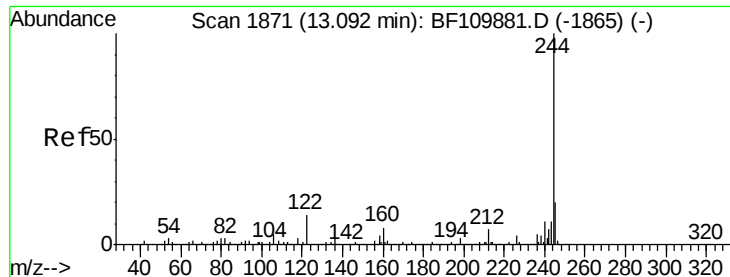
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BF110026.D
 Acq: 20 Oct 2018 2:53

Tgt Ion:240 Resp: 368094
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.0 21.2 31.8



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

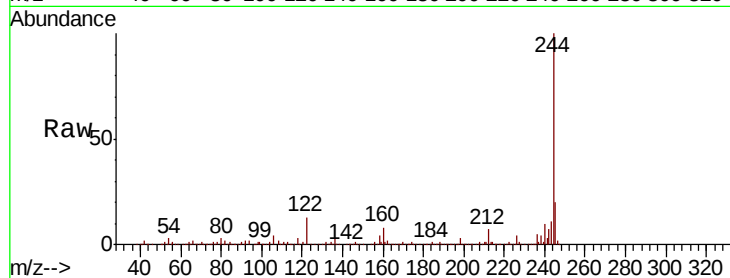




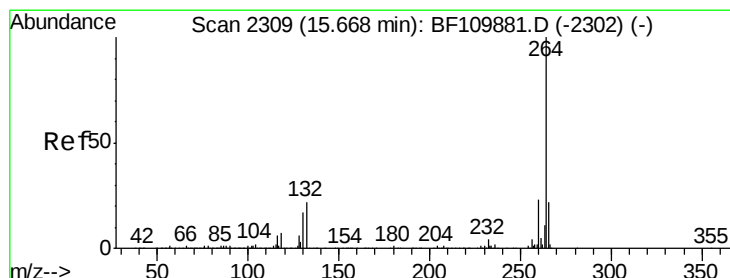
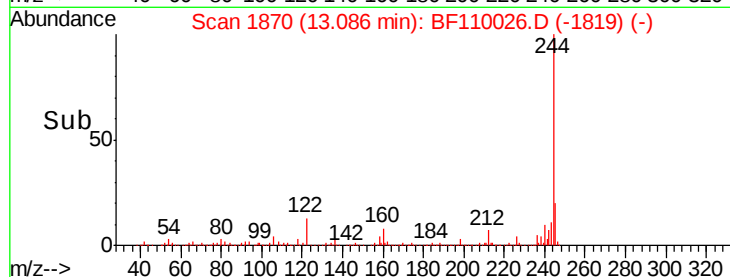
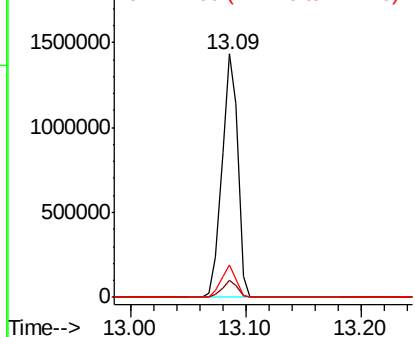
#79
Terphenyl-d14
Concen: 77.033 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:244 Resp: 1350300
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.3 8.7 13.1#

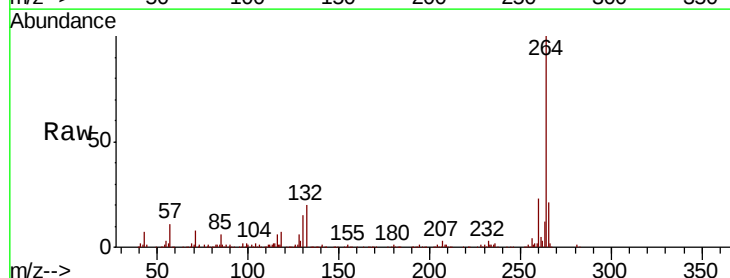


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF110026.D
Acq: 20 Oct 2018 2:53

Tgt Ion:264 Resp: 299393
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.3 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

