

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113252.D
 Acq On : 22 Mar 2019 23:32
 Operator : JU/SJ
 Sample : K2034-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 01:31:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

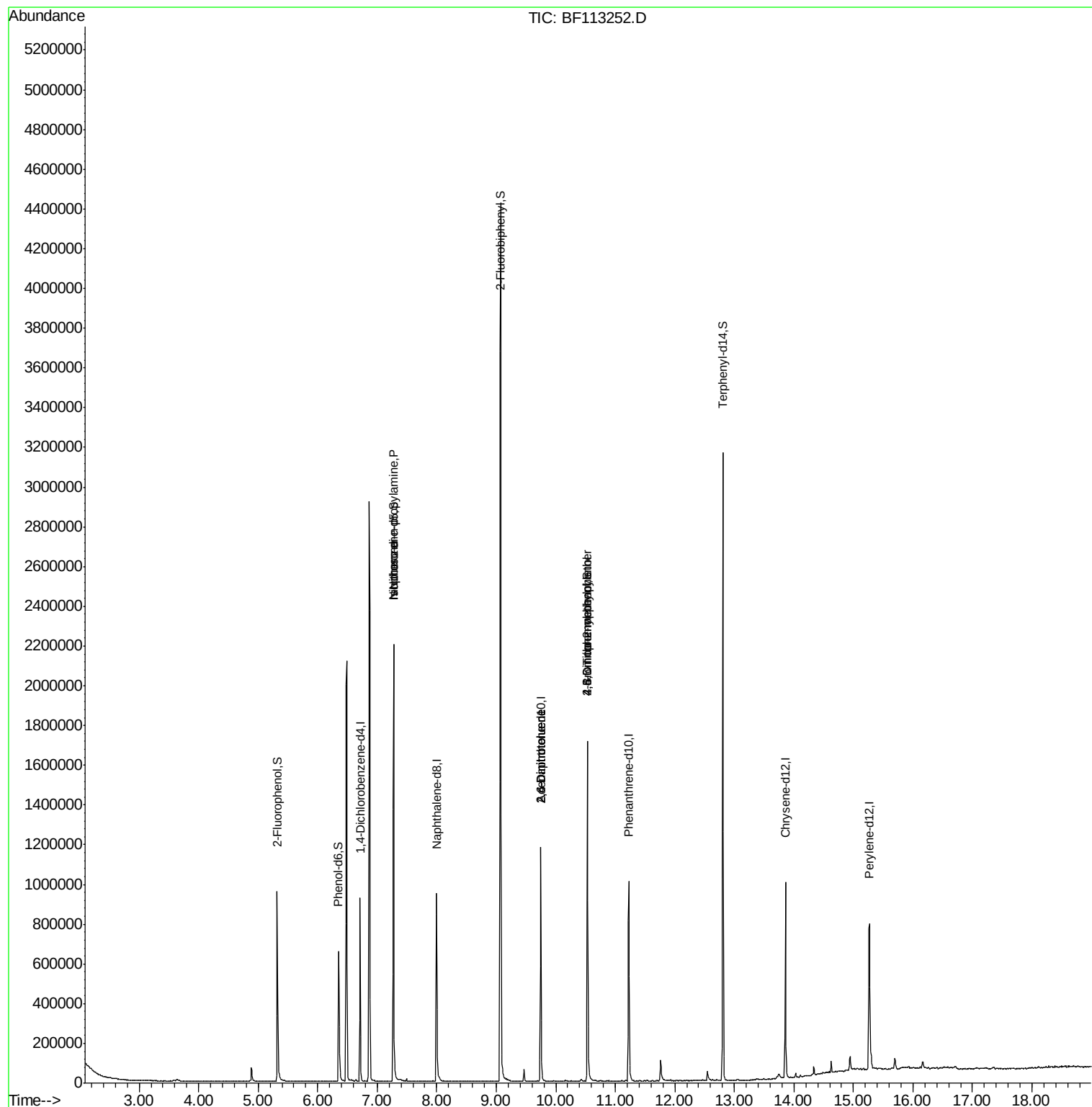
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	146907	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	514289	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	255098	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	443840	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	360524	20.00	ng	-0.01
87) Perylene-d12	15.27	264	372142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	323485	34.25	ng	-0.02
7) Phenol-d6	6.36	99	265910	22.41	ng	-0.02
23) Nitrobenzene-d5	7.27	82	762406	88.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	252183	93.12	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1502671	103.47	ng	-0.02
79) Terphenyl-d14	12.81	244	1132544	60.90	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	99951	13.303	ng	# 77
25) Isophorone	7.27	82	750527	40.534	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	31826	8.125	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	31826	6.537	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.53	198	294	4.758	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	13912	2.976	ng	# 1

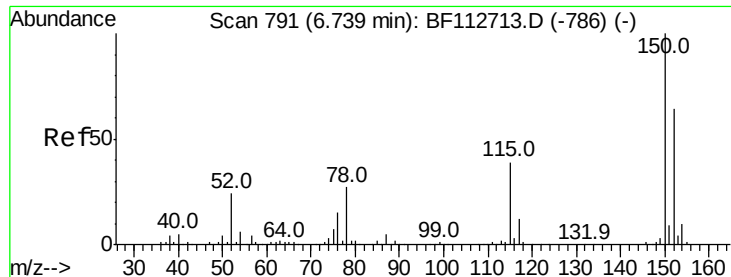
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
Data File : BF113252.D
Acq On : 22 Mar 2019 23:32
Operator : JU/SJ
Sample : K2034-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 23 01:31:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration



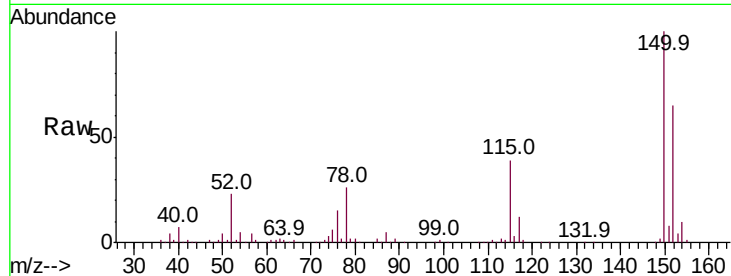


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	60.1	48.2	72.4

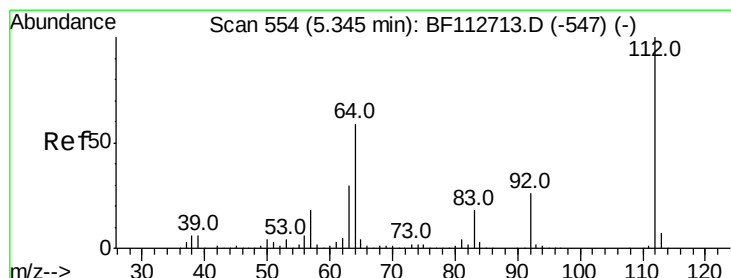
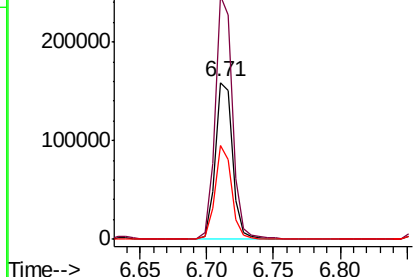
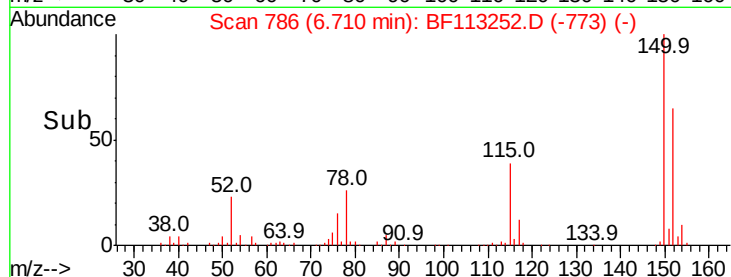


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

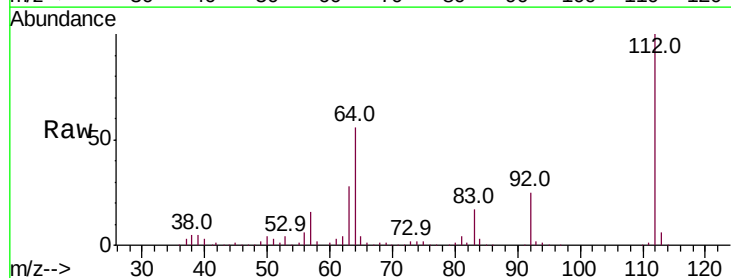
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.253 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.6	71.4
63	27.9	24.4	36.6

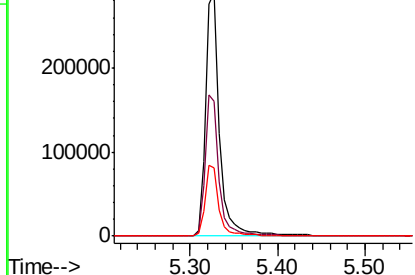
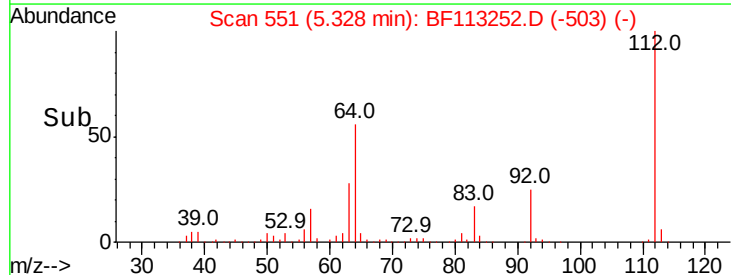


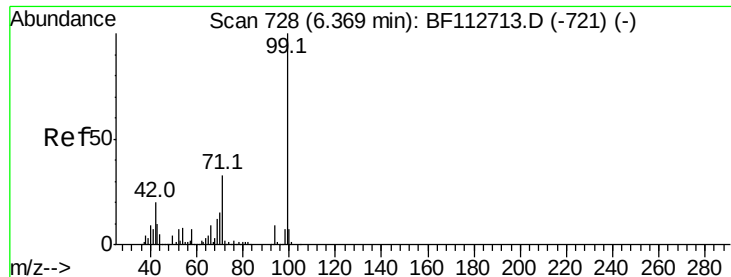
Abundance

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: 22.414 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

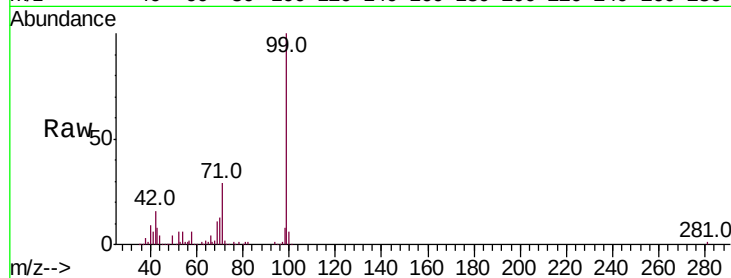
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 265910

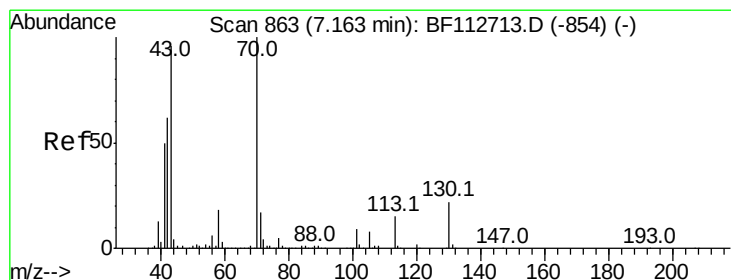
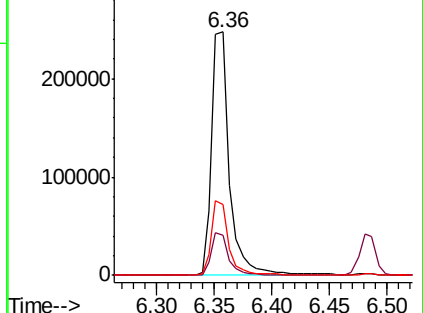
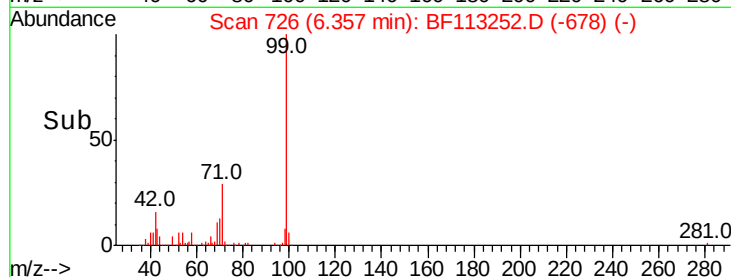
Ion	Ratio	Lower	Upper
99	100		
42	16.2	16.3	24.5#
71	29.2	26.2	39.4



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: 13.303 ng

RT: 7.27 min Scan# 882

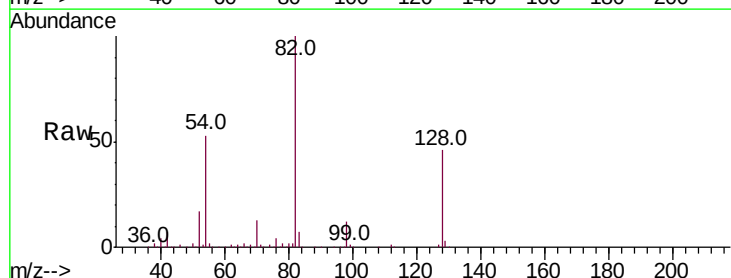
Delta R.T. 0.12 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Tgt Ion: 70 Resp: 99951

Ion	Ratio	Lower	Upper
70	100		
42	49.8	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#

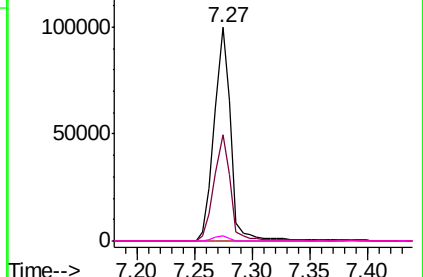
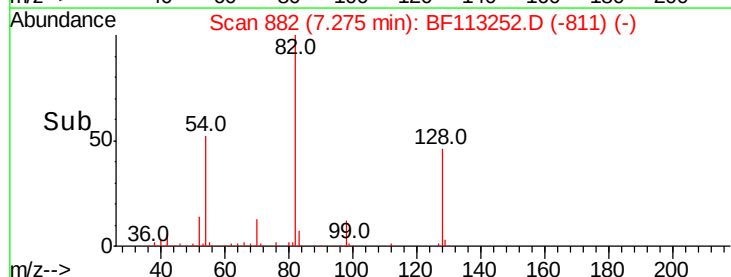


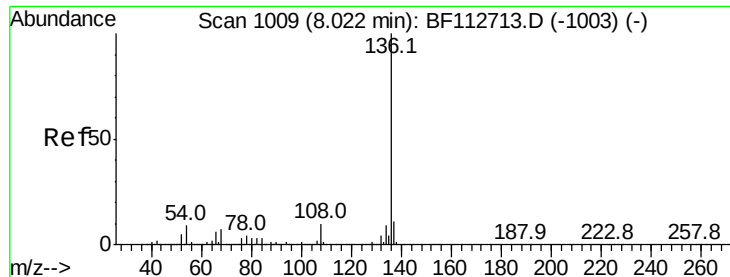
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

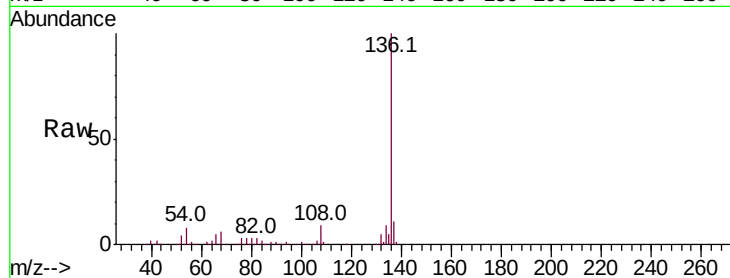




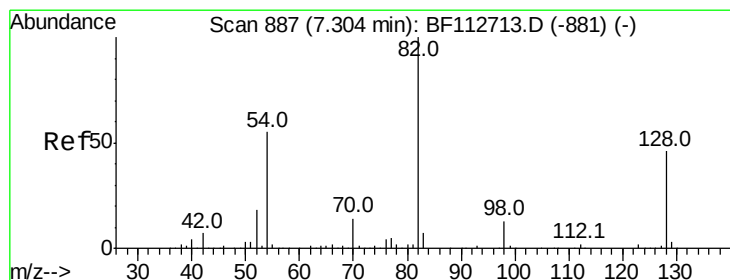
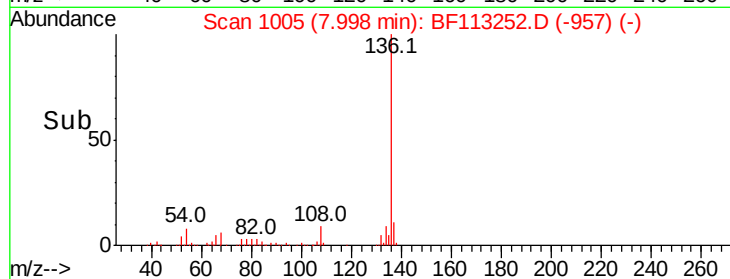
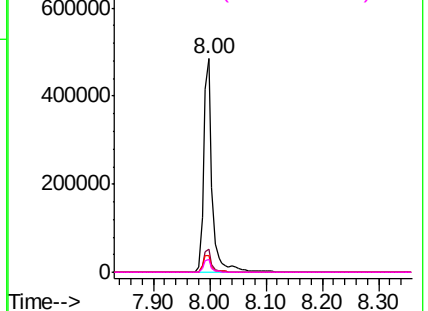
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	514289
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	7.3	10.9
68	5.9	5.4	8.2

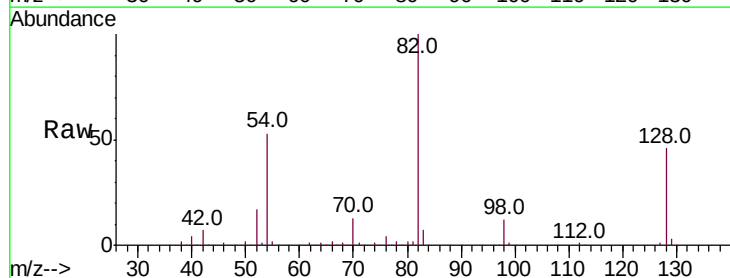


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

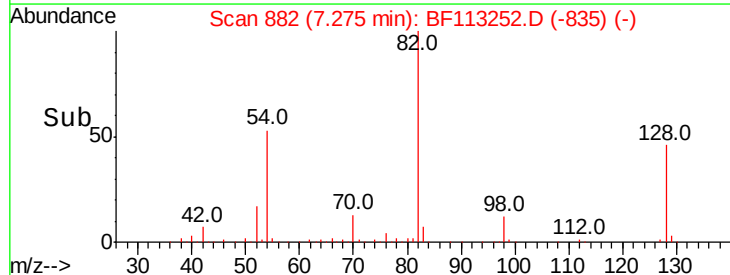
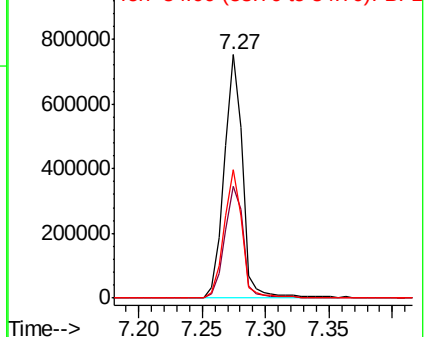


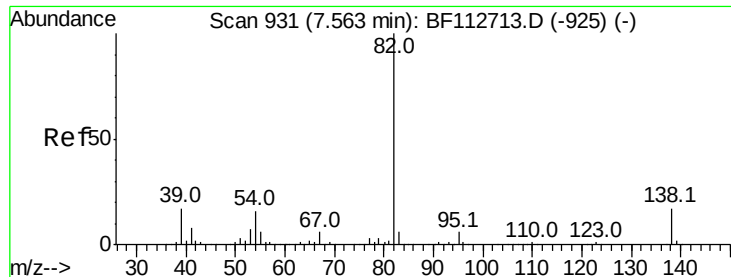
#23
Nitrobenzene-d5
Concen: 88.707 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Tgt Ion:	82	Resp:	762406
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	52.9	43.7	65.5



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: 40.534 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

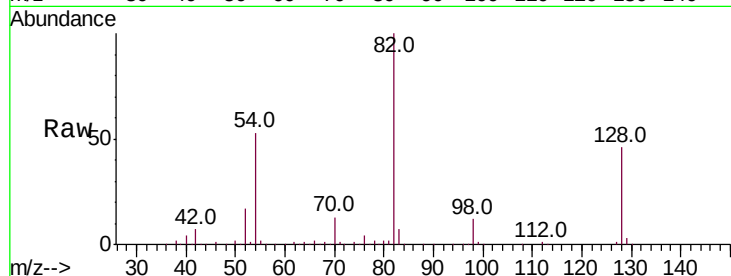
Tot Ion: 82 Resp: 750527

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

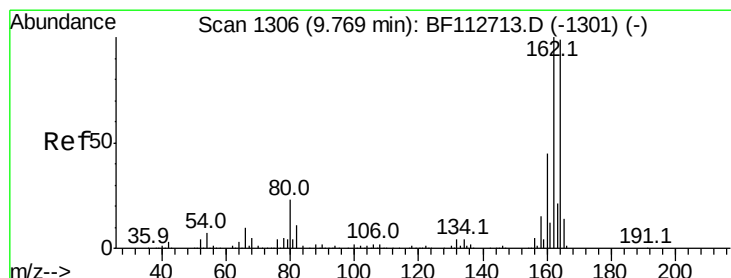
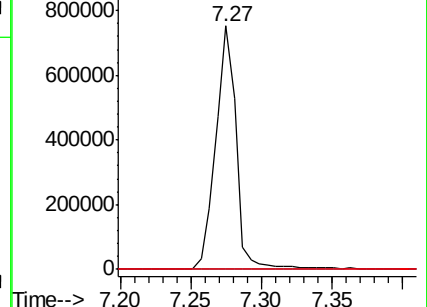
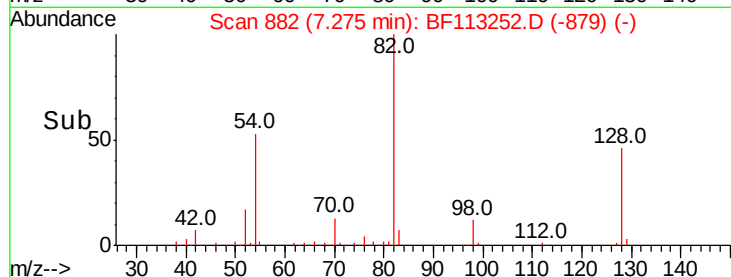
138 0.0 13.8 20.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

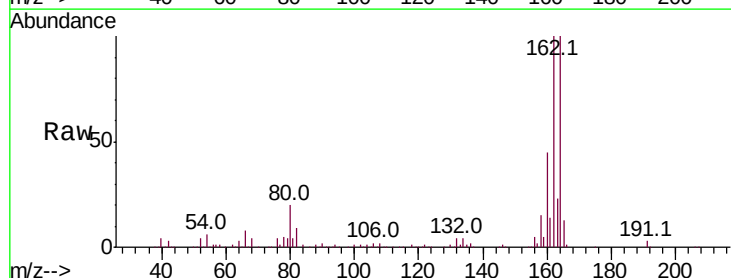
Tgt Ion:164 Resp: 255098

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

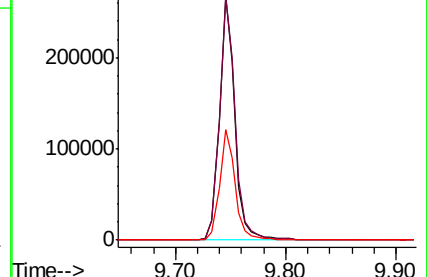
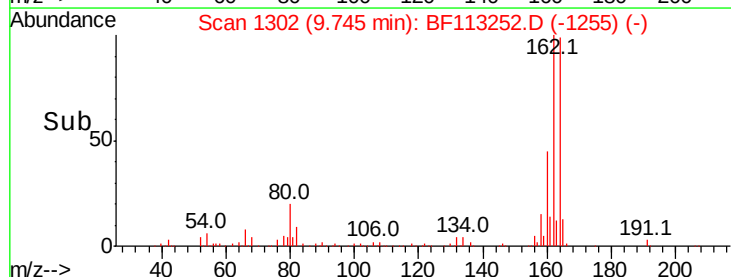
160 45.4 36.0 54.0

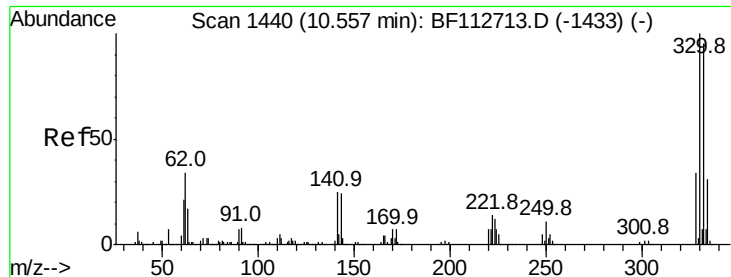


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

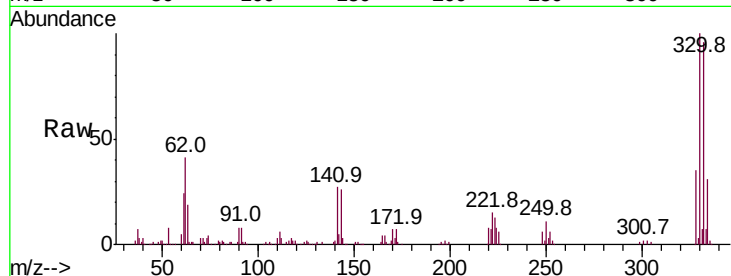




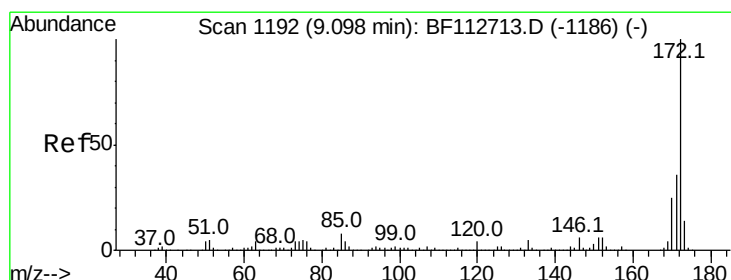
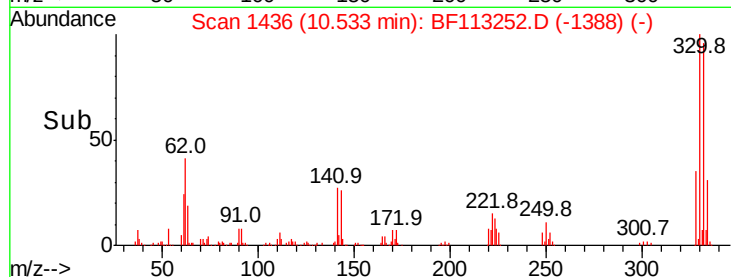
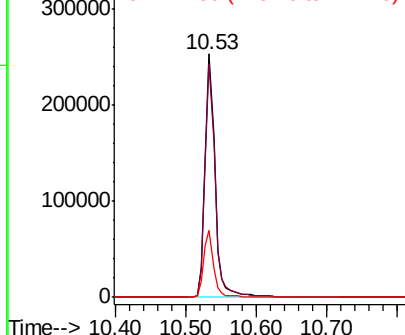
#42
 2,4,6-Tribromophenol
 Concen: 93.119 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	27.6	27.0	40.6

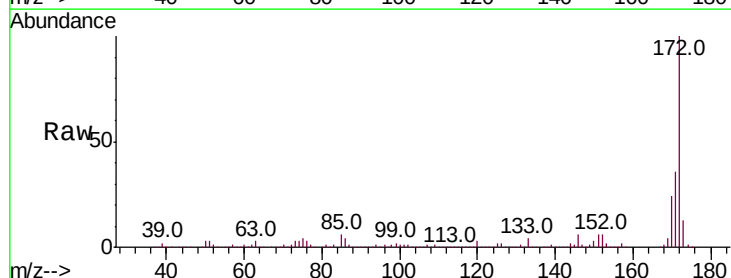


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

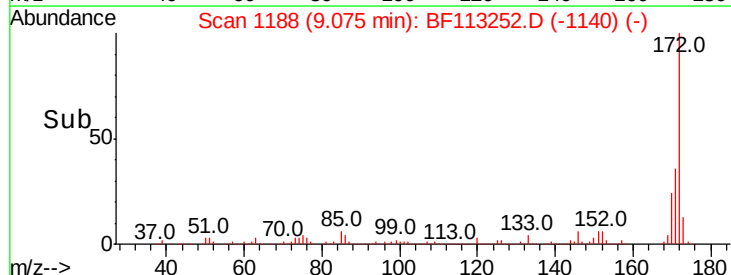
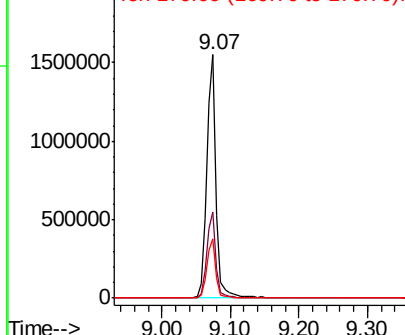


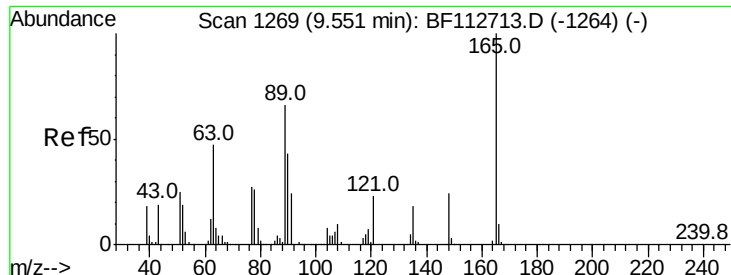
#45
 2-Fluorobiphenyl
 Concen: 103.474 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.4	20.0	30.0



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

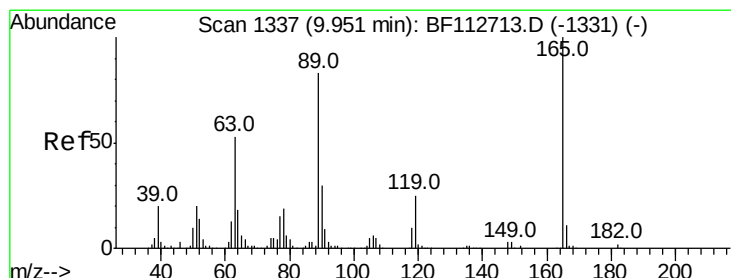
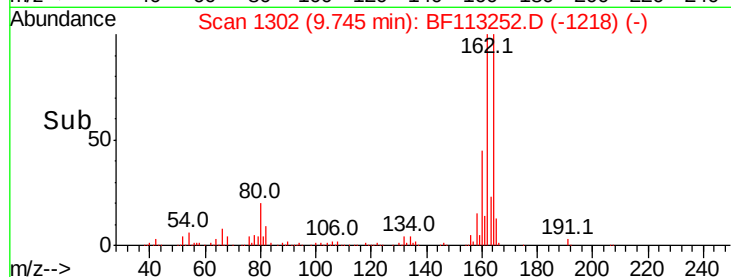
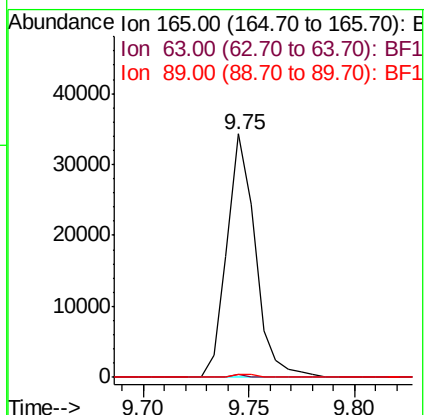
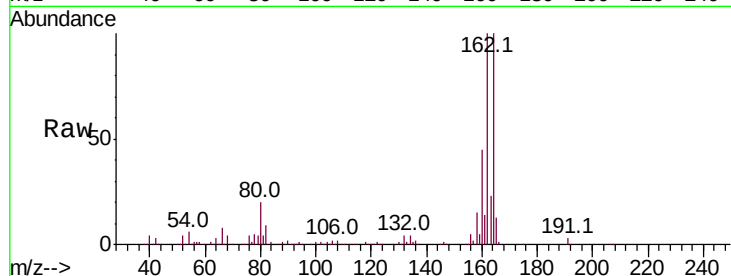




#51
 2,6-Dinitrotoluene
 Concen: 8.125 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.19 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

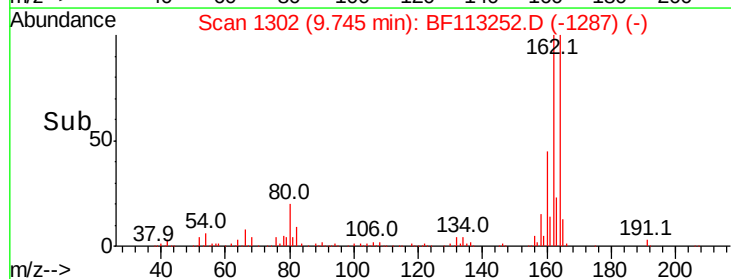
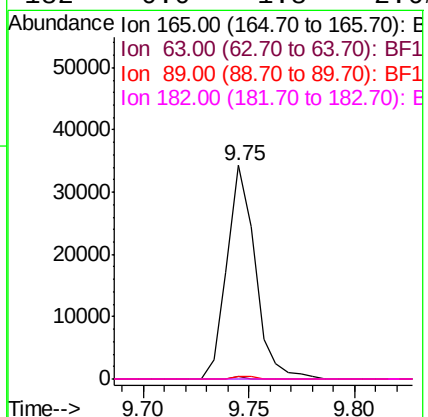
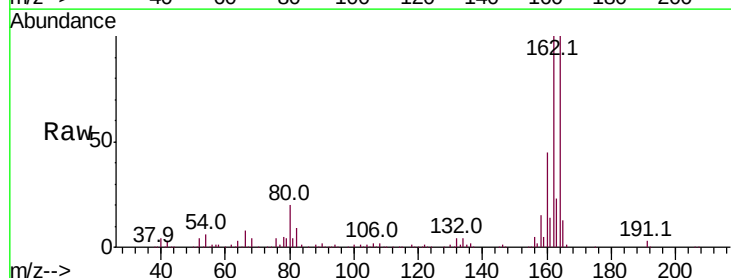
Instrument :
 BNA_F
 ClientSampleId :

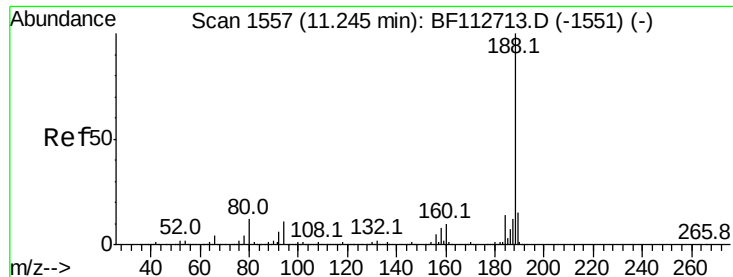
Tot Ion:165 Resp: 31826
 Ion Ratio Lower Upper
 165 100
 63 1.3 54.1 81.1#
 89 1.3 52.8 79.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.537 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Tgt Ion:165 Resp: 31826
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.2 63.2#
 89 1.3 66.2 99.4#
 182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

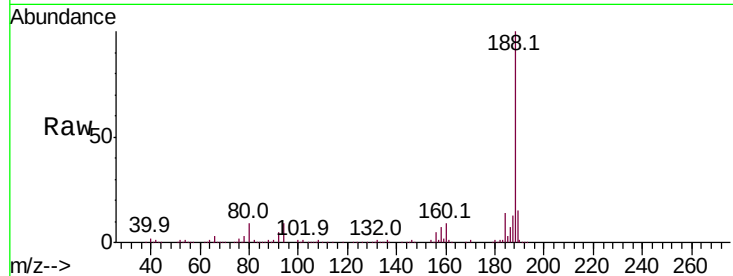
Tot Ion:188 Resp: 443840

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

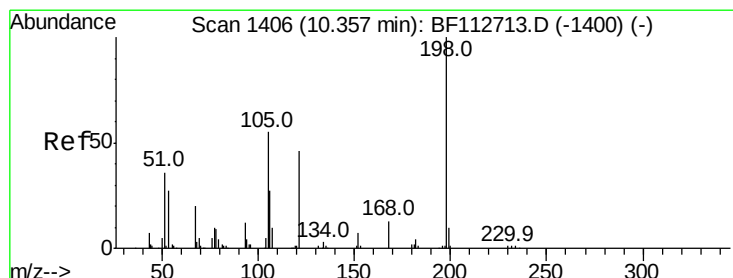
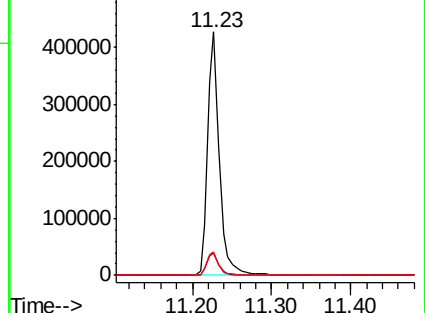
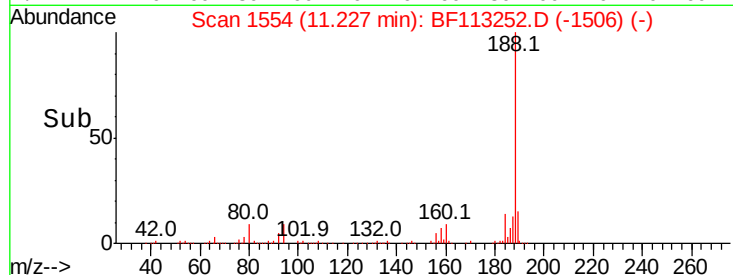
80 9.5 9.2 13.8



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: 4.758 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.17 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

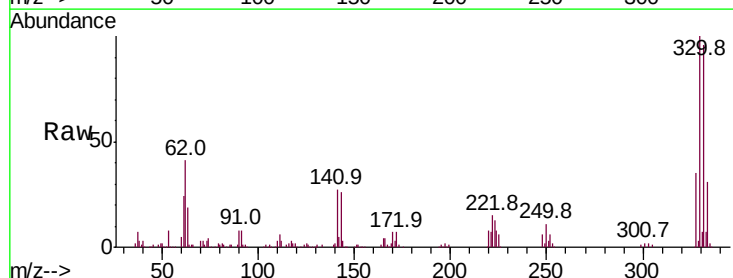
Tgt Ion:198 Resp: 294

Ion Ratio Lower Upper

198 100

51 178.5 43.8 83.8#

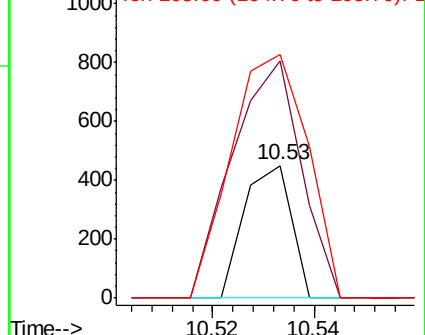
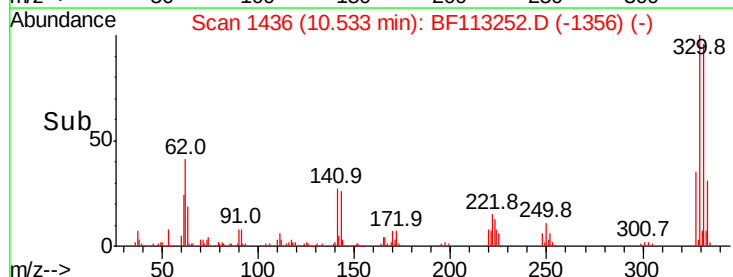
105 183.4 36.5 76.5#

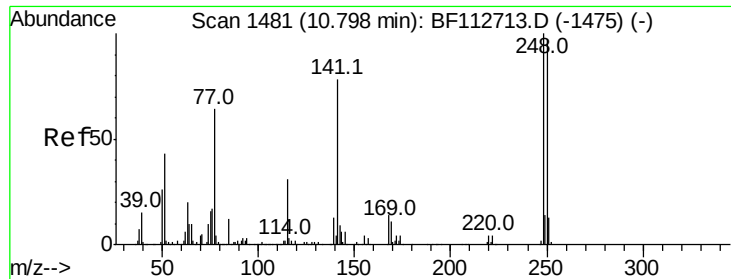


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

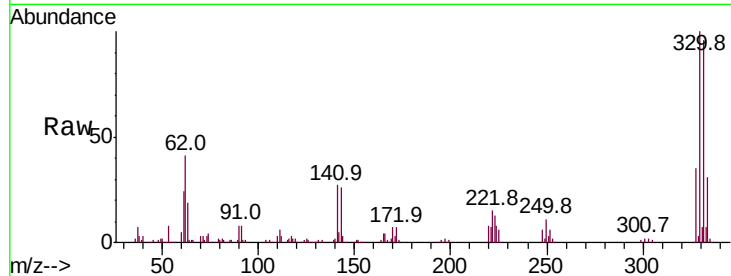




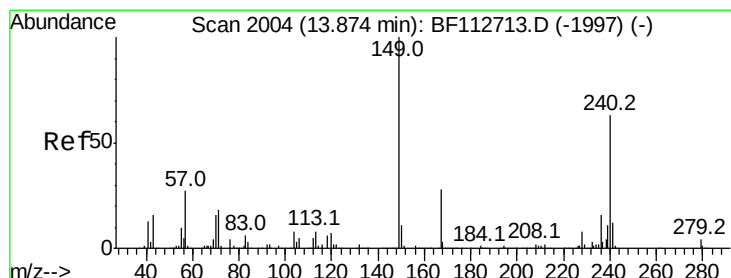
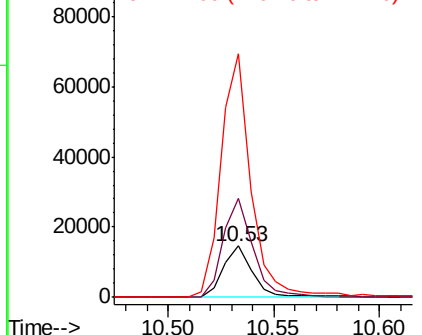
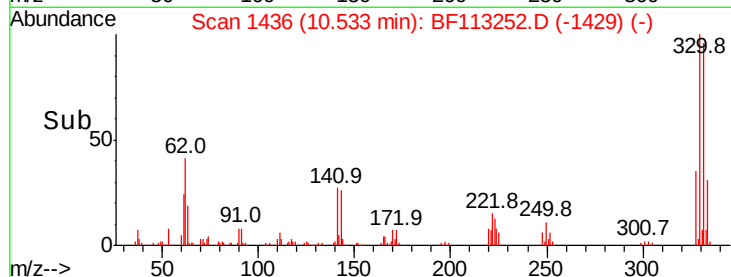
#67
 4-Bromophenyl-phenylether
 Concen: 2.976 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.26 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13912
 Ion Ratio Lower Upper
 248 100
 250 193.3 77.5 116.3#
 141 473.3 62.4 93.6#

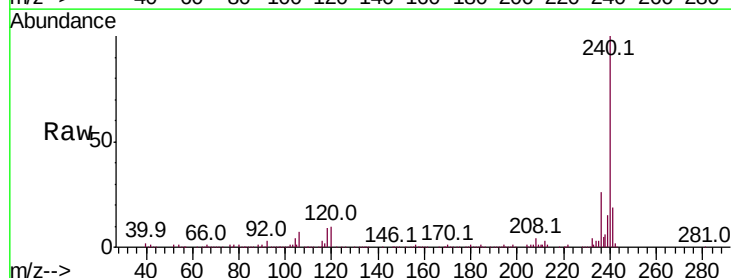


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

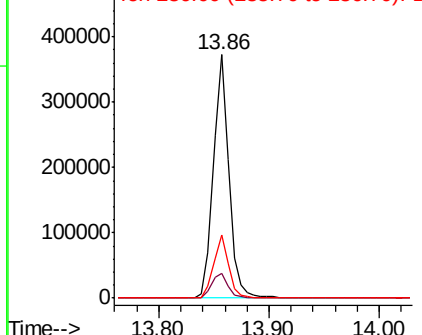
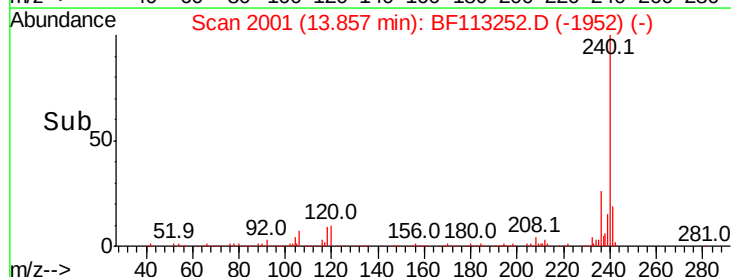


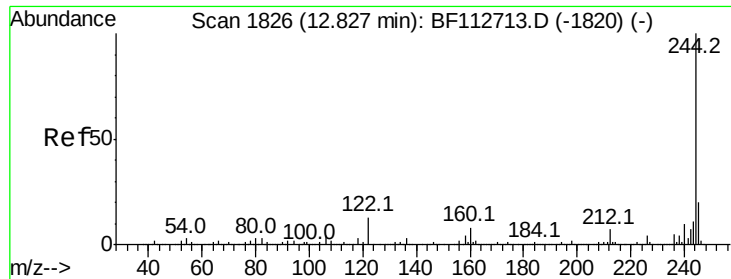
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Tgt Ion:240 Resp: 360524
 Ion Ratio Lower Upper
 240 100
 120 10.3 8.9 13.3
 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





#79

Terphenyl-d14

Concen: 60.896 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

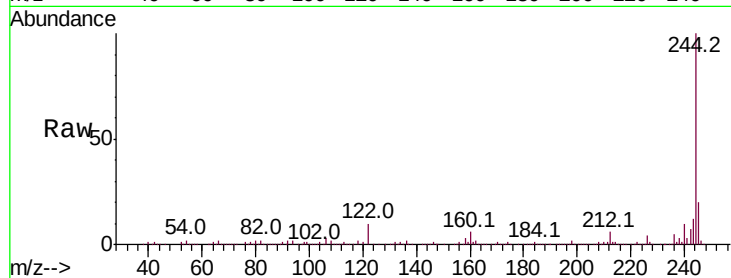
Tot Ion:244 Resp: 1132544

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

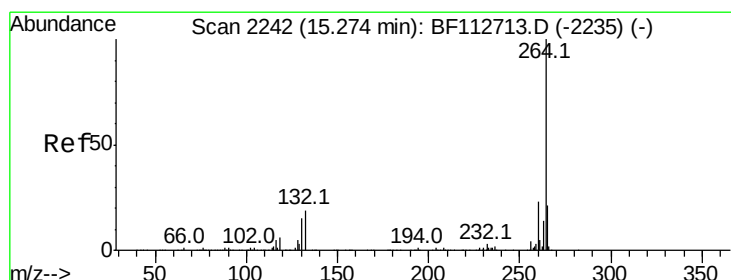
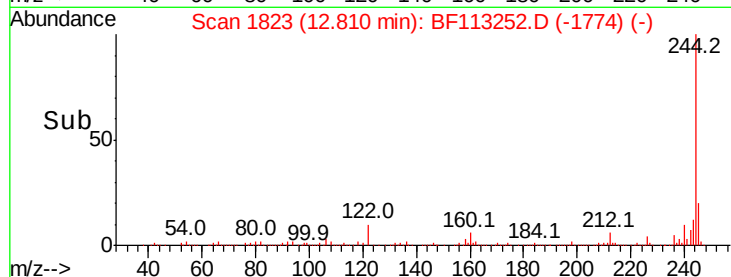
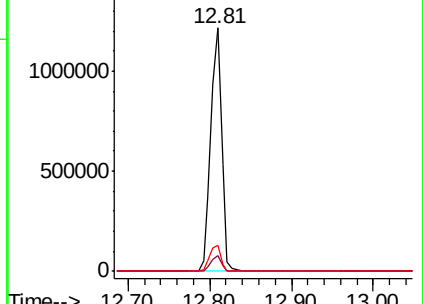
122 10.4 10.5 15.7#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

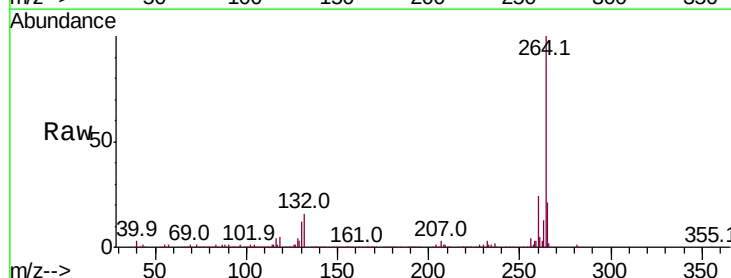
Tgt Ion:264 Resp: 372142

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 17.2 25.8



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

