

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112137.D
 Acq On : 18 Jan 2019 21:03
 Operator : JU/SJ
 Sample : PB116493TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116493TB

Quant Time: Jan 18 23:39:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	265756	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1020102	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	499616	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	923117	20.00	ng	0.00
76) Chrysene-d12	14.02	240	645799	20.00	ng	0.00
87) Perylene-d12	15.49	264	630553	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1584512	108.22	ng	0.00
7) Phenol-d6	6.50	99	1973802	107.74	ng	0.00
23) Nitrobenzene-d5	7.42	82	1242855	84.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	596012	110.58	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2530550	74.26	ng	0.00
79) Terphenyl-d14	12.96	244	2441484	80.43	ng	0.00

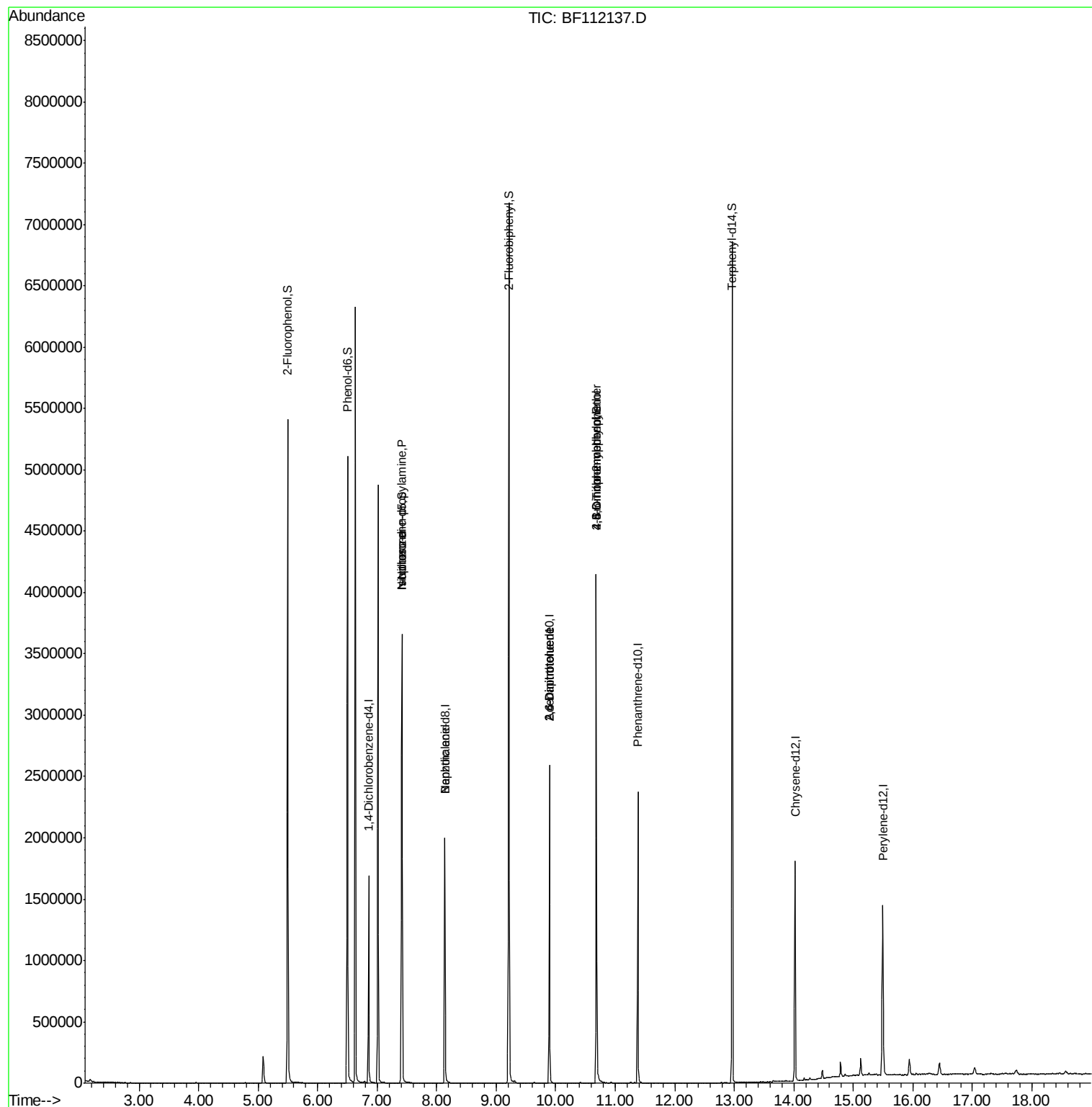
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2930	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	168959	15.139	ng	# 77
25) Isophorone	7.42	82	1228494	43.076	ng	# 64
32) Benzoic acid	8.13	122	114	7.188	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	62425	8.579	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	62425	10.627	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.68	198	1024	10.280	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	36029	3.360	ng	# 1

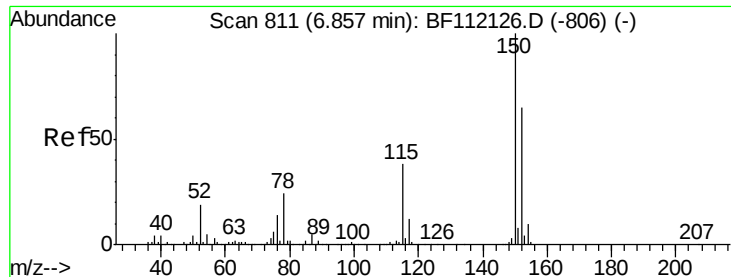
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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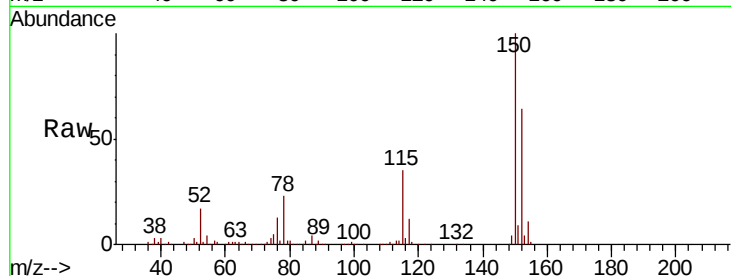


#1

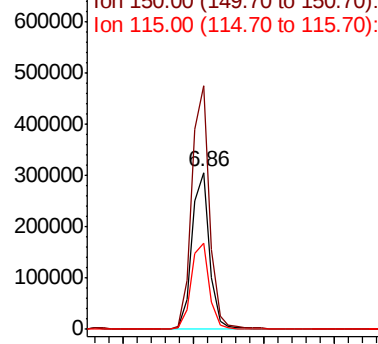
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
PB116493TB

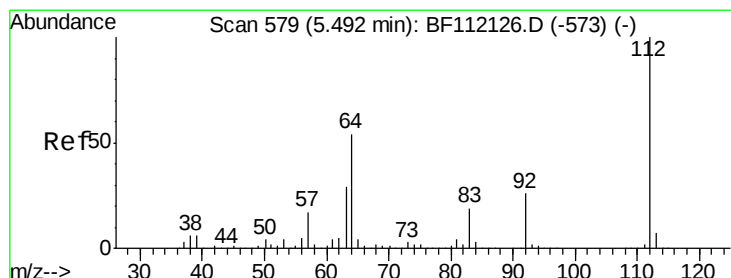
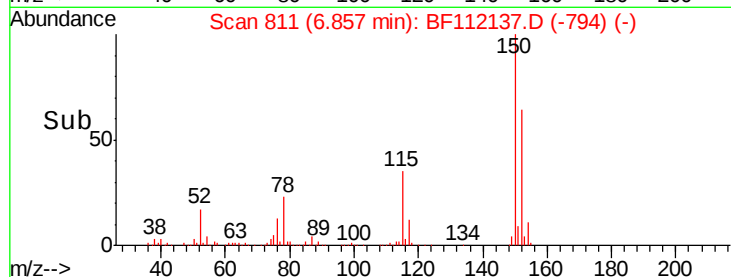
Tgt Ion:152 Resp: 265756
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 54.9 45.5 68.3



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



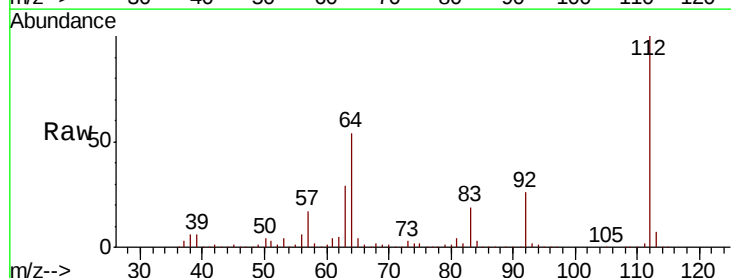
Time-->



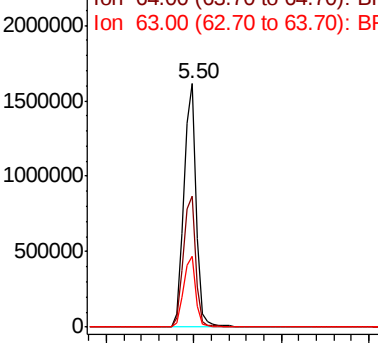
#5

2-Fluorophenol
Concen: 108.218 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

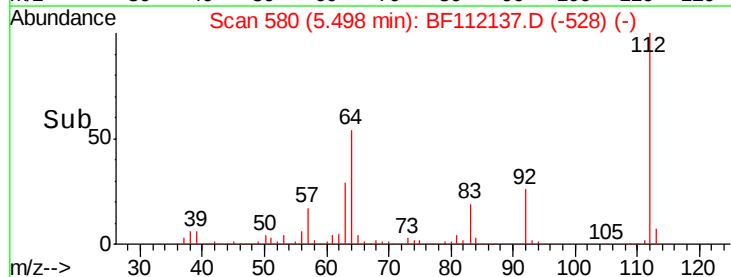
Tgt Ion:112 Resp: 1584512
Ion Ratio Lower Upper
112 100
64 53.6 45.7 68.5
63 28.9 23.6 35.4

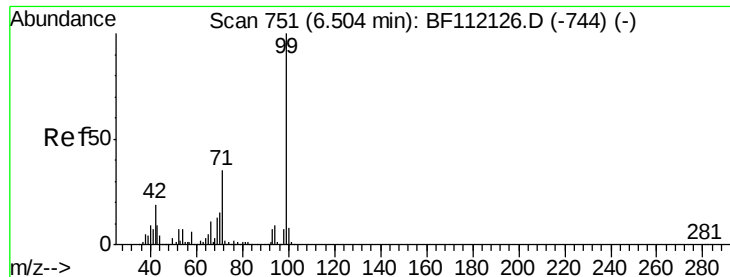


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 107.745 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

PB116493TB

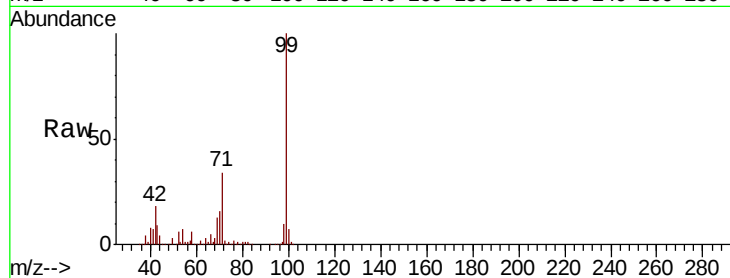
Tgt Ion: 99 Resp: 1973802

Ion Ratio Lower Upper

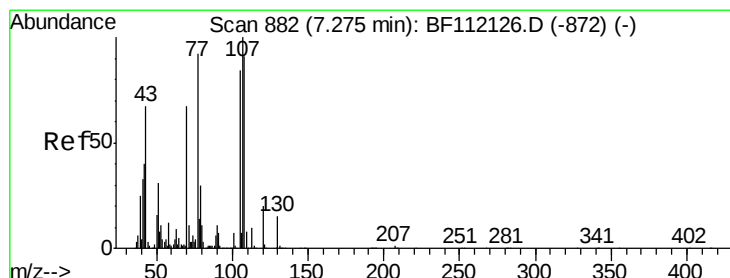
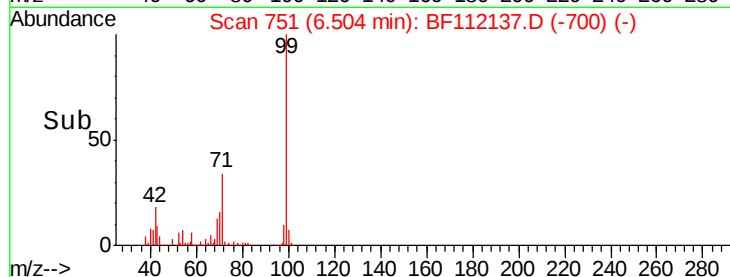
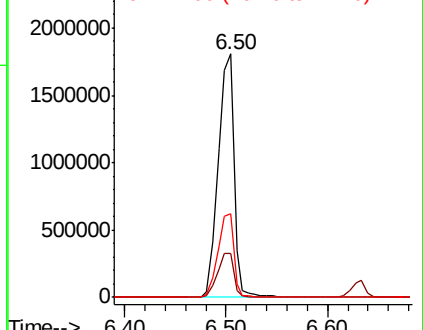
99 100

42 18.2 15.1 22.7

71 34.4 26.9 40.3



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: 15.139 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

Tgt Ion: 70 Resp: 168959

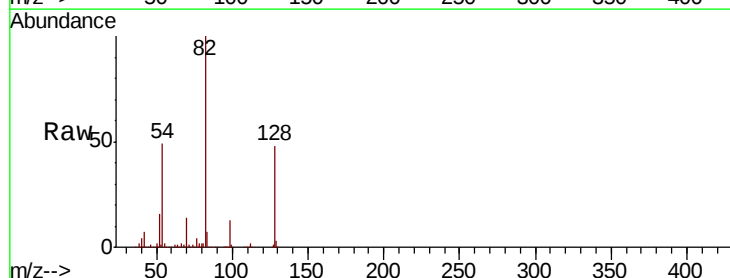
Ion Ratio Lower Upper

70 100

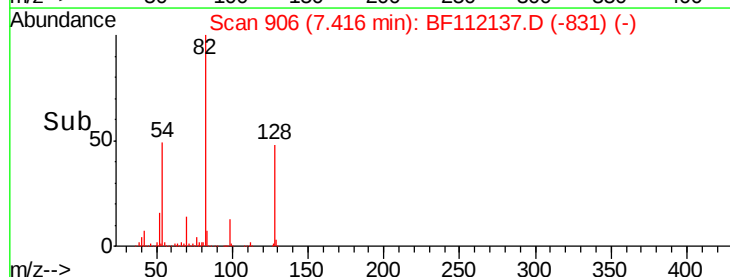
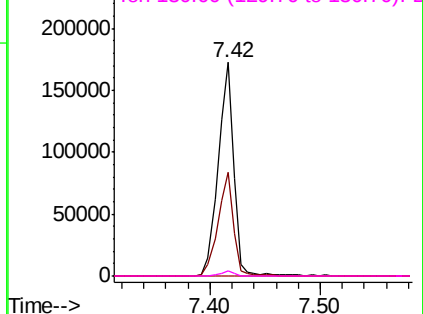
42 48.3 47.6 71.4

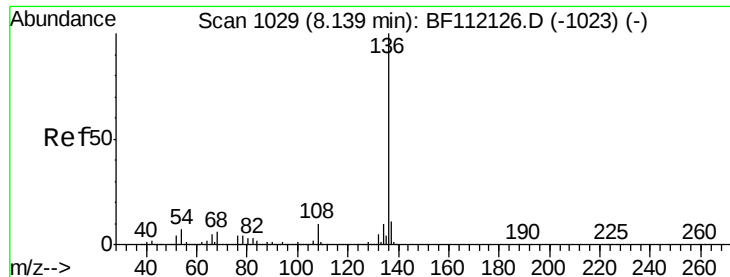
101 0.0 7.9 11.9#

130 2.2 18.4 27.6#



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): E
Ion 130.00 (129.70 to 130.70): E

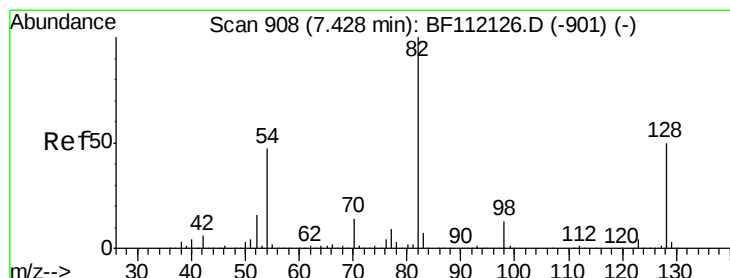
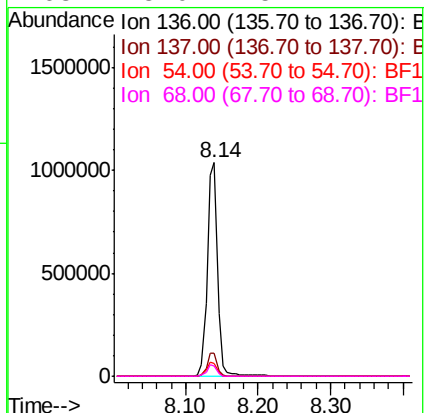
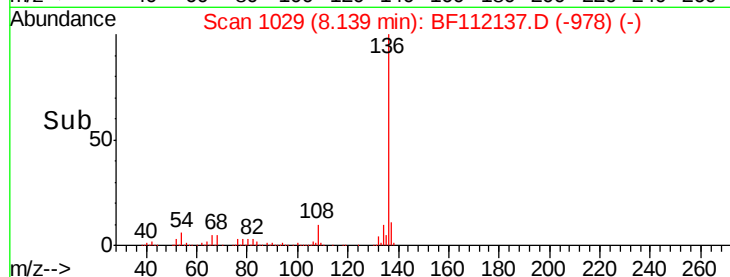
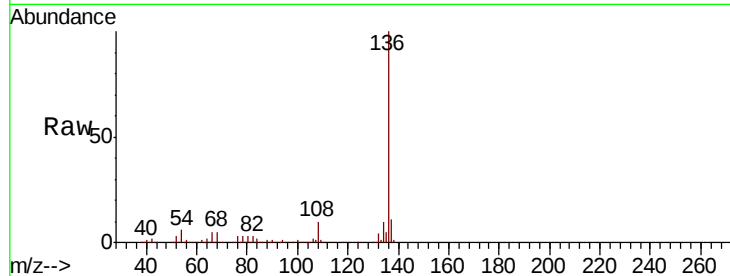




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

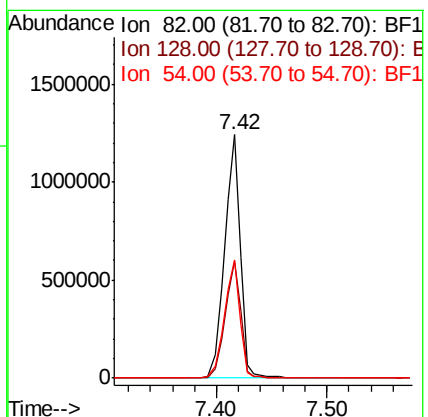
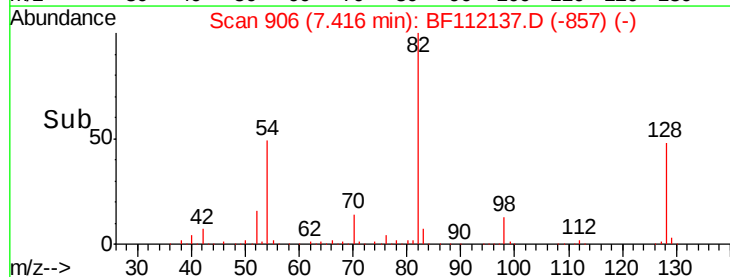
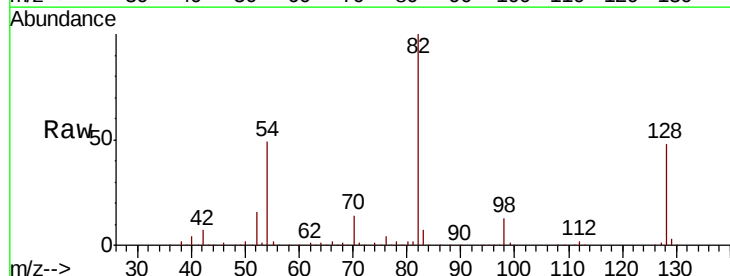
Instrument :
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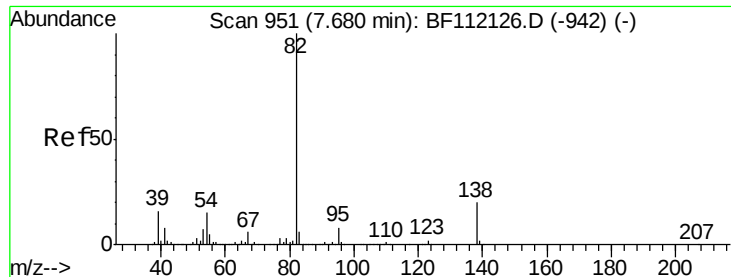
Tgt Ion:	136	Resp:	1020102
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.0	5.9	8.9
68	5.0	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 84.175 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Tgt Ion:	82	Resp:	1242855
Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	48.6	39.7	59.5





#25

Isophorone

Concen: 43.076 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

PB116493TB

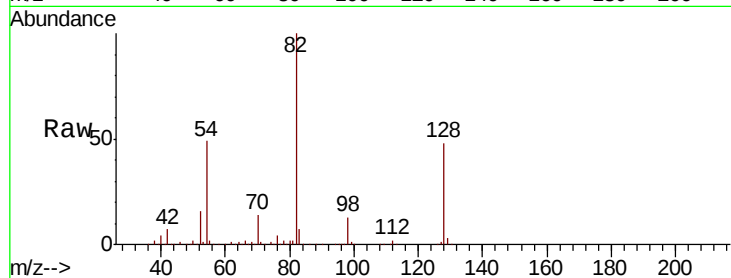
Tgt Ion: 82 Resp: 1228494

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

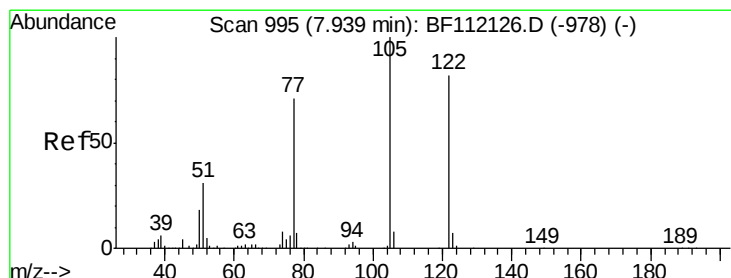
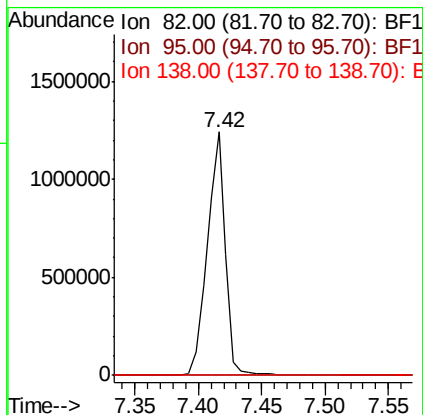
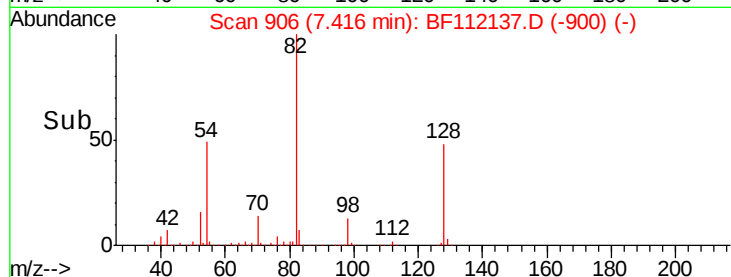
138 0.0 15.4 23.0#



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



#32

Benzoic acid

Concen: 7.188 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.19 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

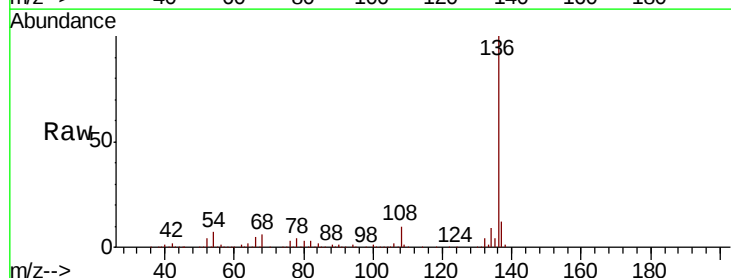
Tgt Ion: 122 Resp: 114

Ion Ratio Lower Upper

122 100

105 290.7 101.2 141.2#

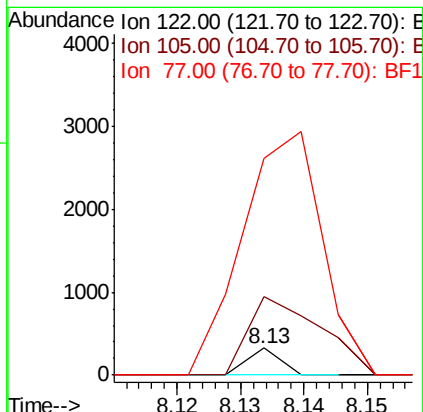
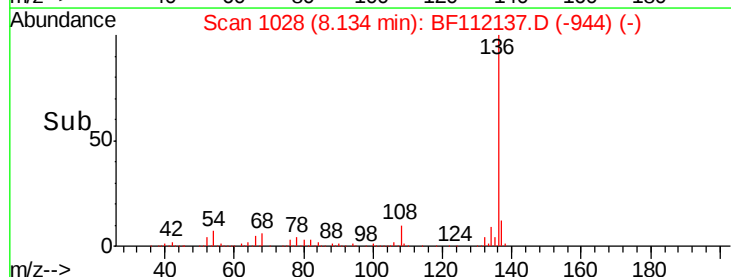
77 807.7 70.4 110.4#

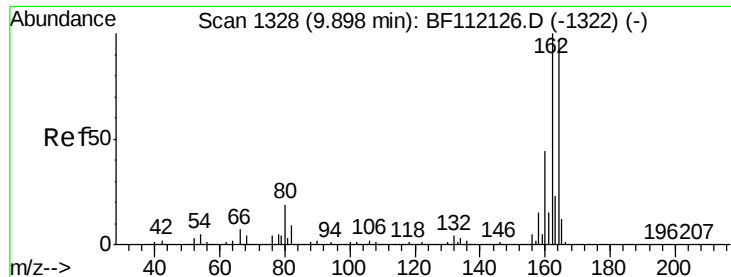


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

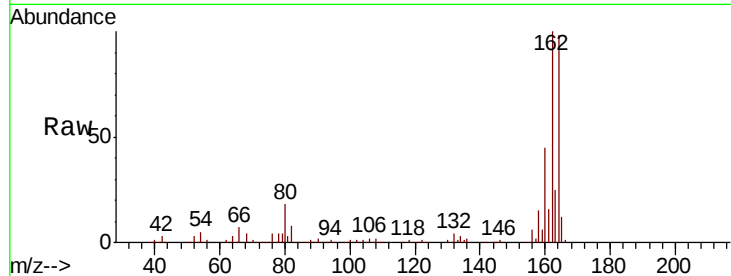




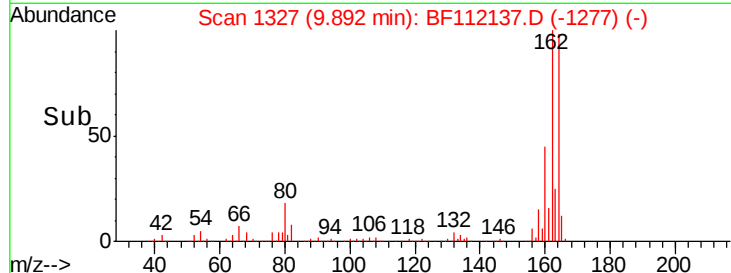
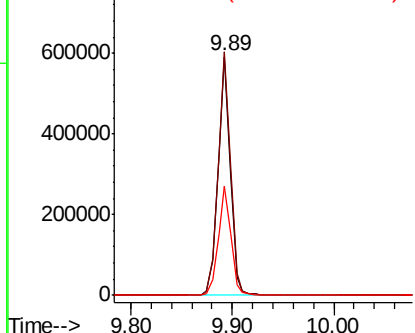
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
PB116493TB

Tgt Ion:164 Resp: 499616
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.4
160 46.0 36.2 54.4

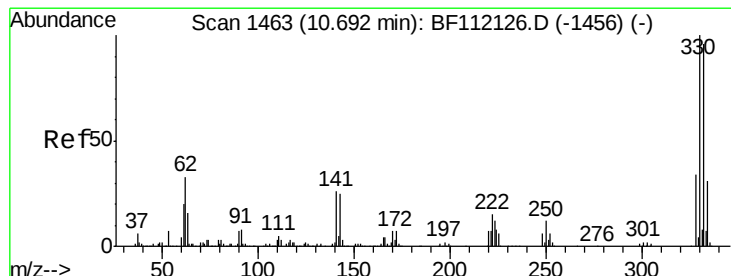


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

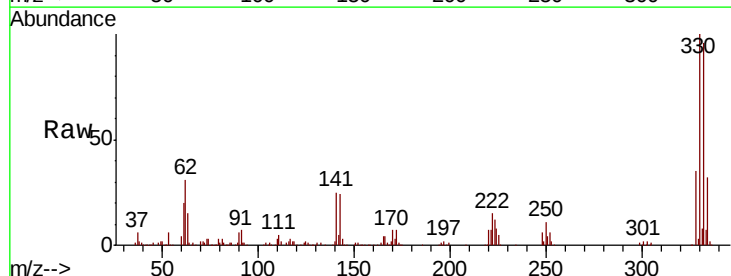
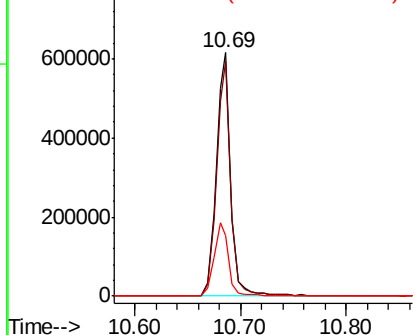


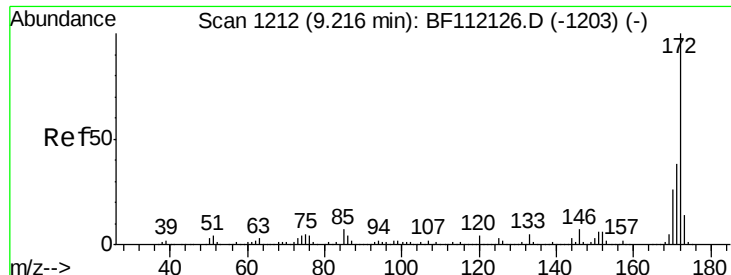
#42
2,4,6-Tribromophenol
Concen: 110.582 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Tgt Ion:330 Resp: 596012
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 31.0 24.3 36.5



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

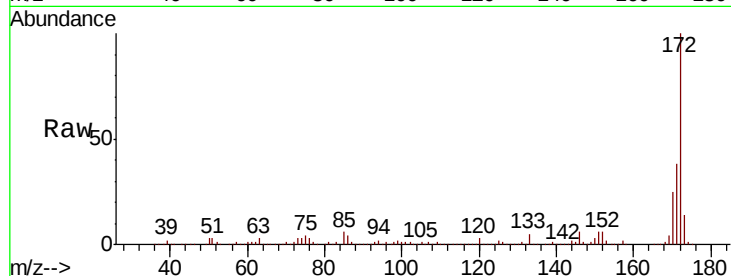




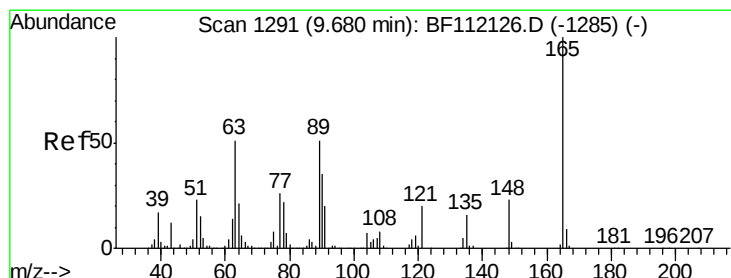
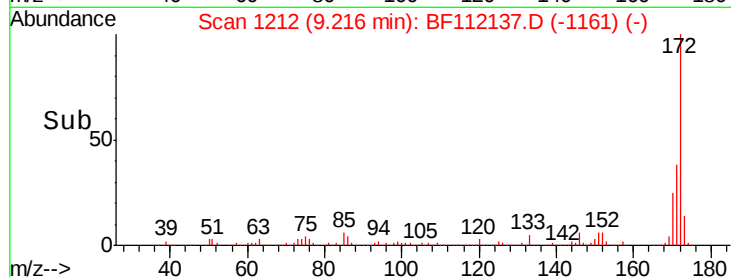
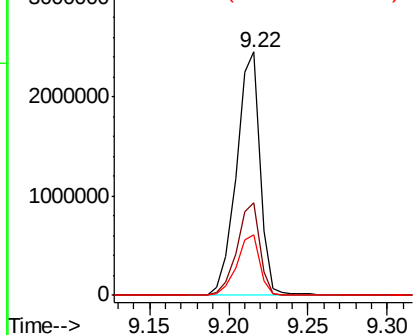
#45
 2-Fluorobiphenyl
 Concen: 74.258 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF112137.D
 Acq: 18 Jan 2019 21:03

Instrument :
 BNA_F
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Tgt Ion:172 Resp: 2530550
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.1 20.2 30.4

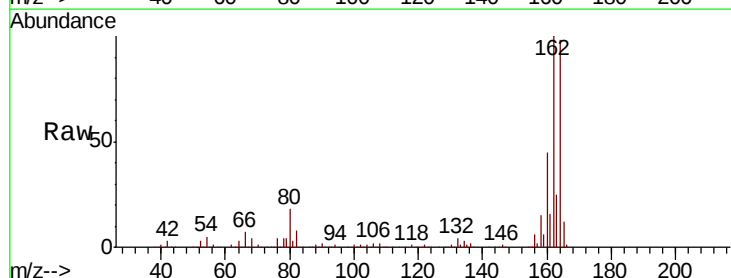


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

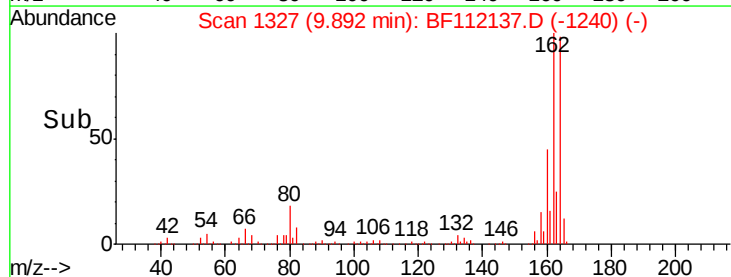
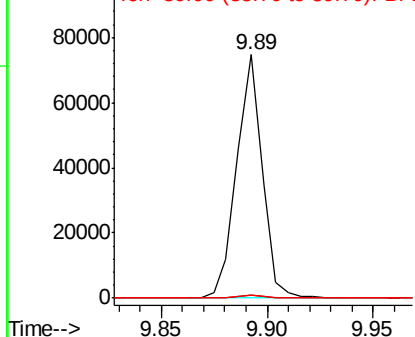


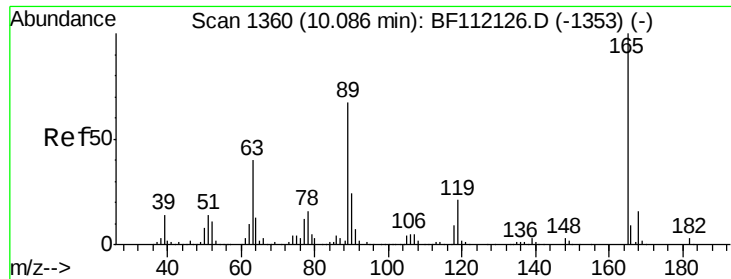
#51
 2,6-Dinitrotoluene
 Concen: 8.579 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF112137.D
 Acq: 18 Jan 2019 21:03

Tgt Ion:165 Resp: 62425
 Ion Ratio Lower Upper
 165 100
 63 1.3 33.8 50.8#
 89 1.2 36.9 55.3#



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

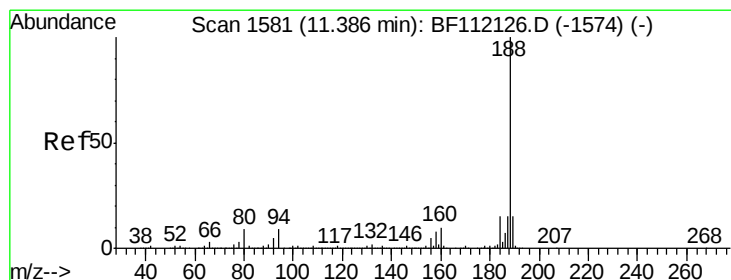
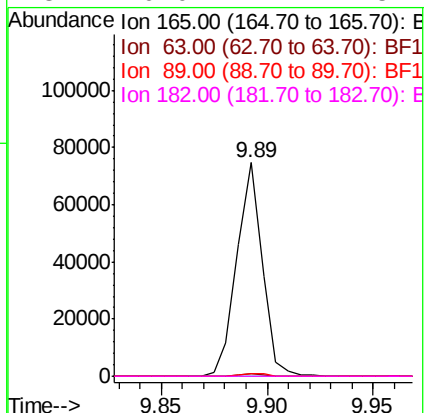
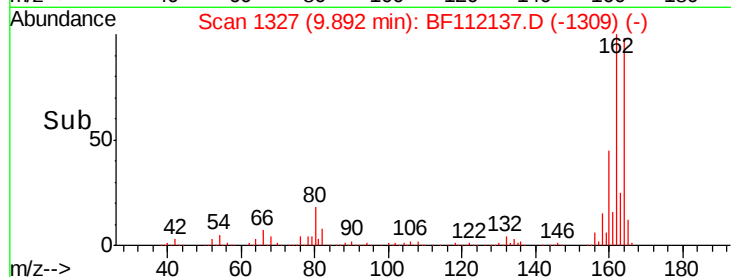
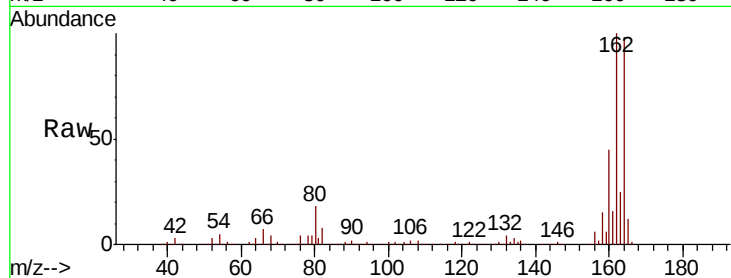




#57
2,4-Dinitrotoluene
Concen: 10.627 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

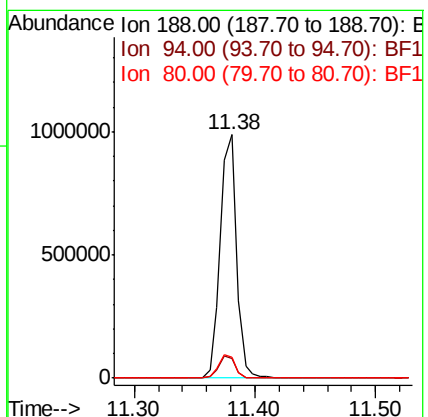
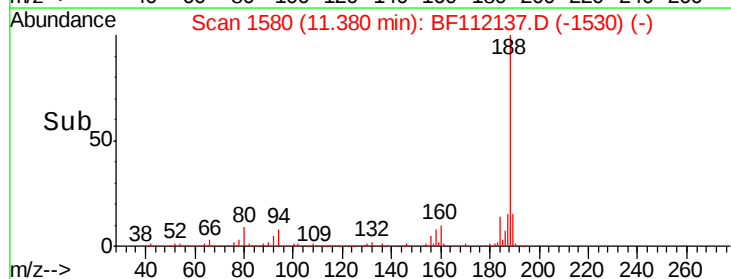
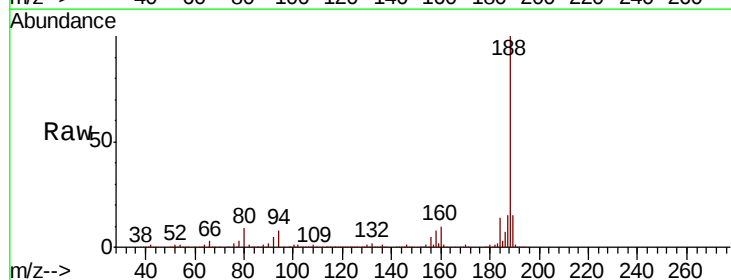
Instrument :
BNA_F
ClientSampleId :
PB116493TB

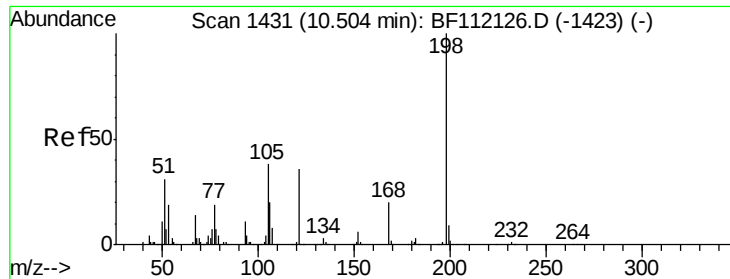
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.2	47.9	71.9#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.6	8.9	13.3#





#65

4,6-Dinitro-2-methylphenol

Concen: 10.280 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

PB116493TB

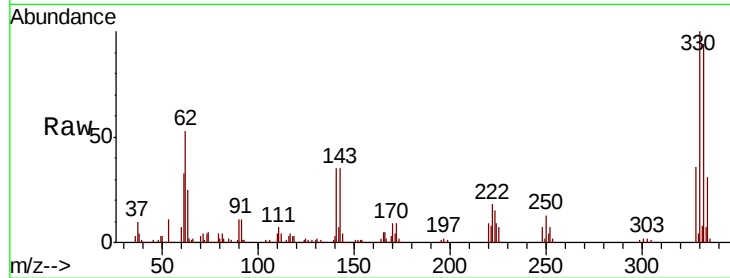
Tgt Ion:198 Resp: 1024

Ion Ratio Lower Upper

198 100

51 167.8 17.2 57.2#

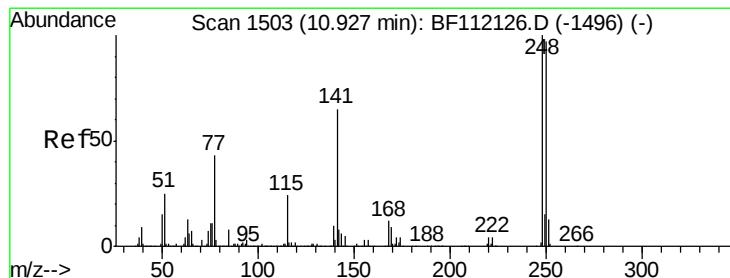
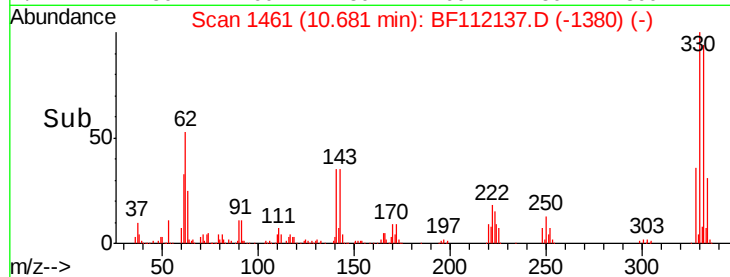
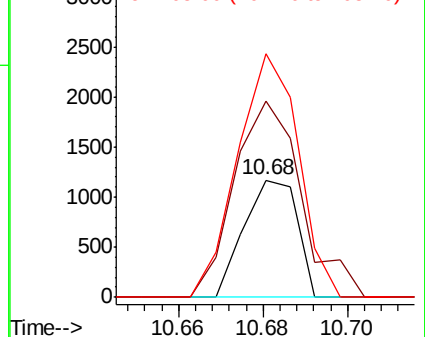
105 208.0 21.9 61.9#



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: 3.360 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112137.D

Acq: 18 Jan 2019 21:03

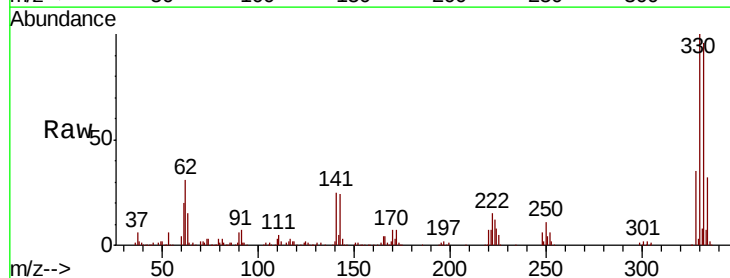
Tgt Ion:248 Resp: 36029

Ion Ratio Lower Upper

248 100

250 194.8 79.7 119.5#

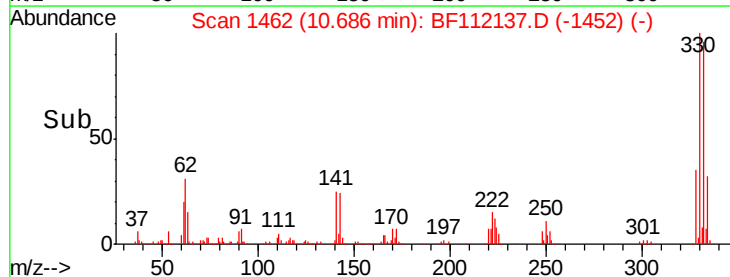
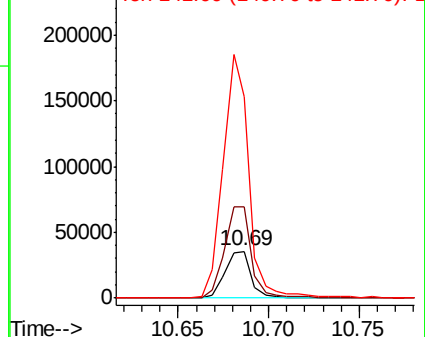
141 430.6 60.3 90.5#

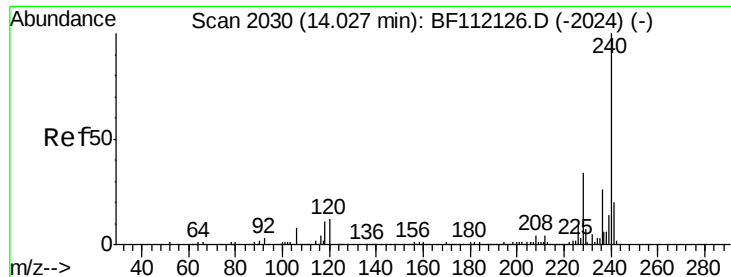


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

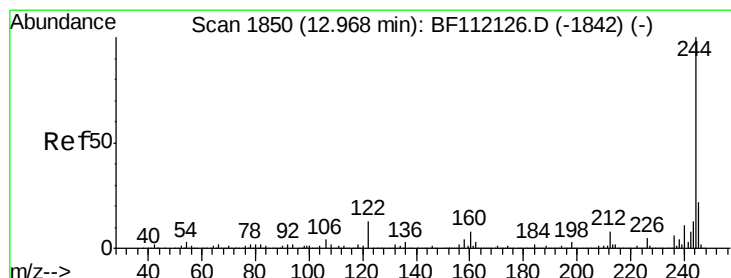
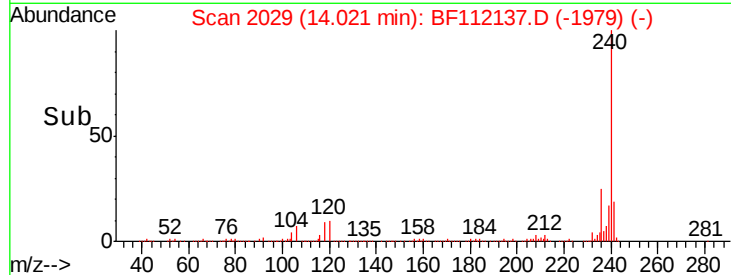
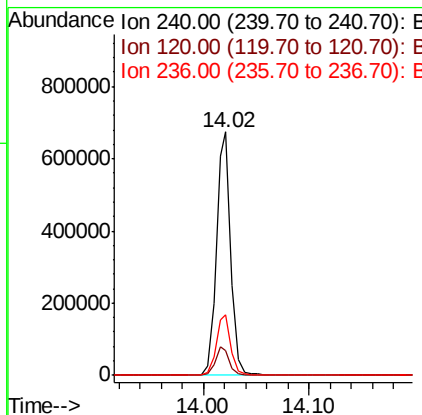
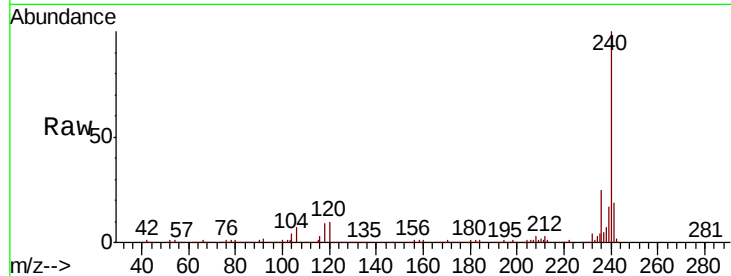




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112137.D
 Acq: 18 Jan 2019 21:03

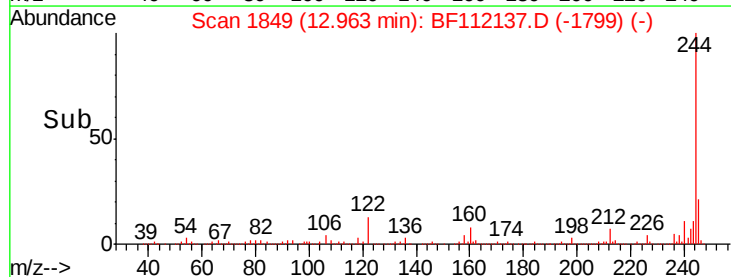
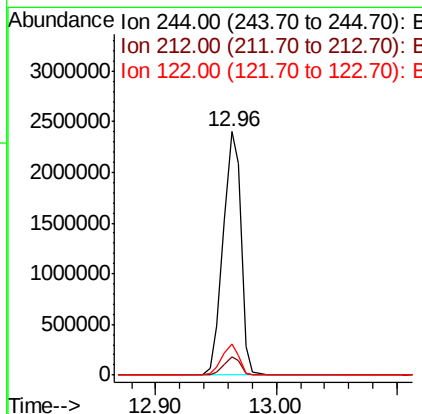
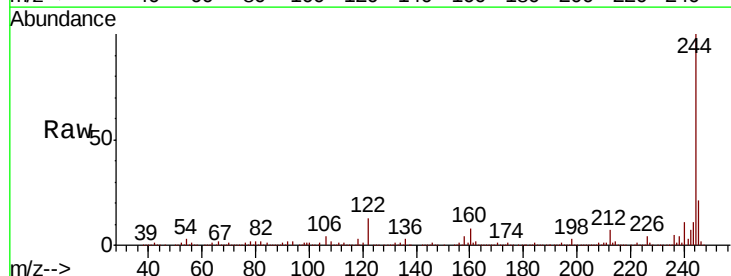
Instrument :
 BNA_F
 ClientSampleId :
 PB116493TB

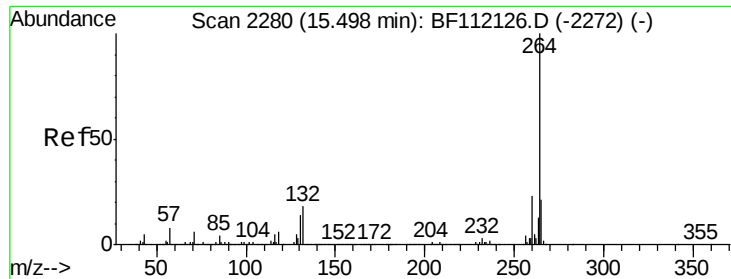
Tgt Ion:240 Resp: 645799
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.0 13.6
 236 24.7 20.7 31.1



#79
 Terphenyl-d14
 Concen: 80.427 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112137.D
 Acq: 18 Jan 2019 21:03

Tgt Ion:244 Resp: 2441484
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.8 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112137.D
Acq: 18 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
PB116493TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.4	17.0	25.4

