

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112514.D
 Acq On : 12 Feb 2019 16:48
 Operator : JU/SJ
 Sample : K1459-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

Quant Time: Feb 13 03:39:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

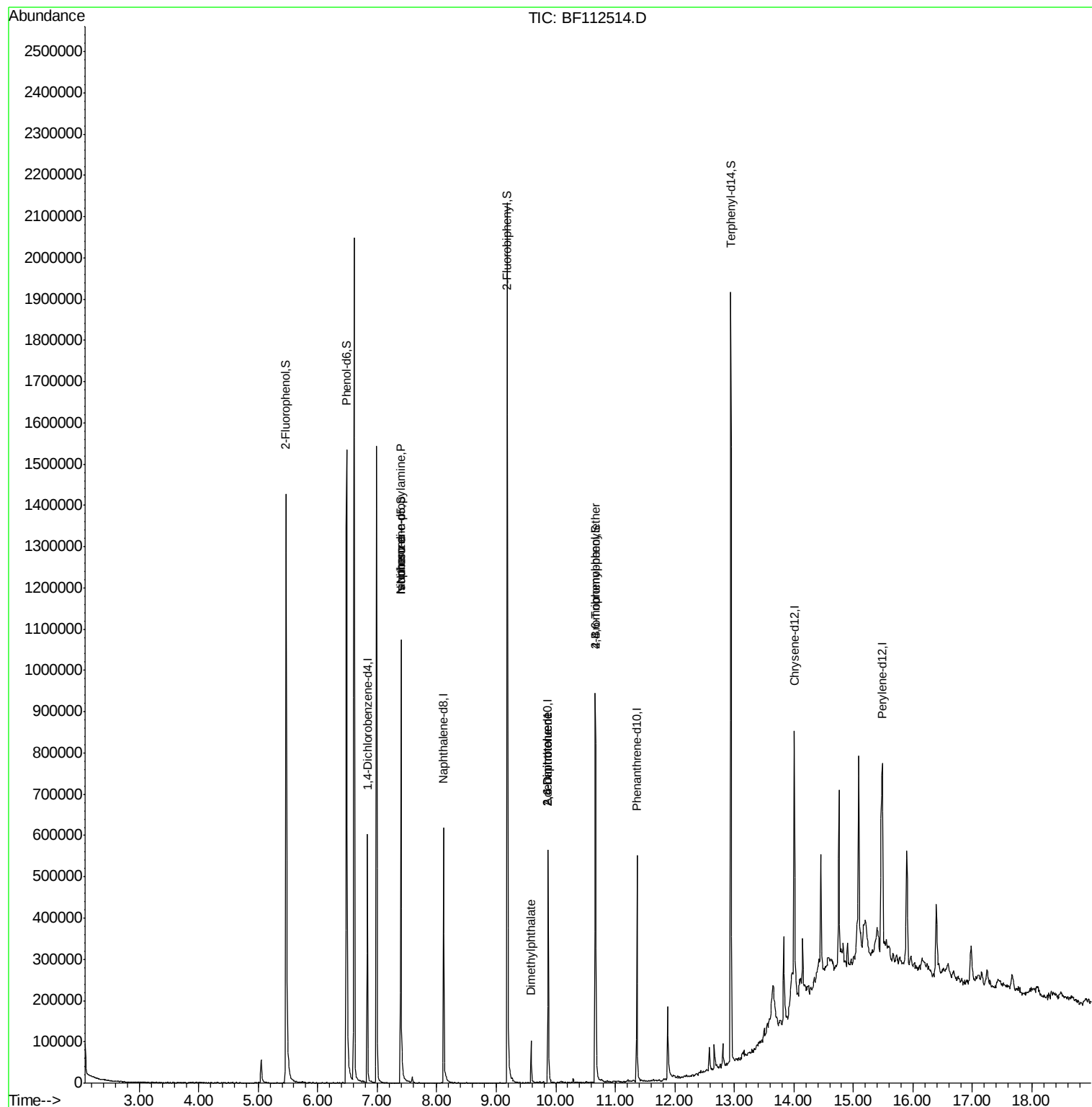
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87138	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	309742	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	127687	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	213516	20.00	ng	0.00
76) Chrysene-d12	14.01	240	218665	20.00	ng	0.00
87) Perylene-d12	15.49	264	218677	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	489828	119.40	ng	-0.01
7) Phenol-d6	6.49	99	603014	105.78	ng	0.00
23) Nitrobenzene-d5	7.40	82	363251	67.57	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	136257	91.68	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	690063	76.44	ng	-0.02
79) Terphenyl-d14	12.94	244	607427	52.32	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	48593	12.362	ng	# 78
25) Isophorone	7.40	82	363246	43.073	ng	# 63
50) Dimethylphthalate	9.59	163	53329	5.376	ng	100
51) 2,6-Dinitrotoluene	9.87	165	16595	7.469	ng	# 32
57) 2,4-Dinitrotoluene	9.87	165	16595	5.867	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	7888	3.141	ng	# 1

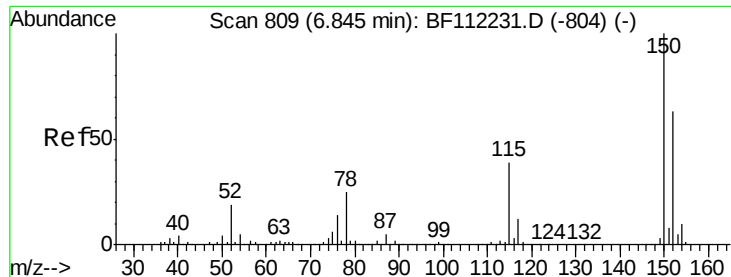
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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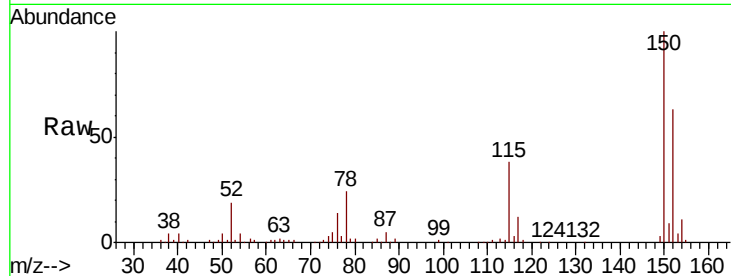


#1

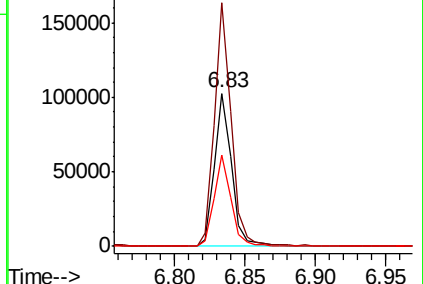
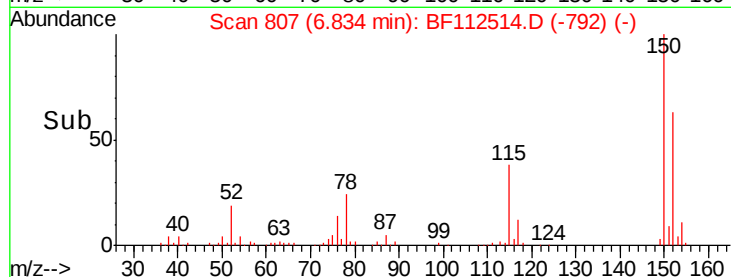
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Instrument :
BNA_F
ClientSampleId :
M-11-S

Tgt Ion:152 Resp: 87138
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 59.7 45.5 68.3



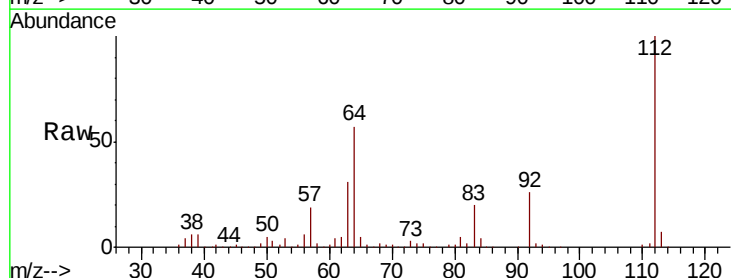
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



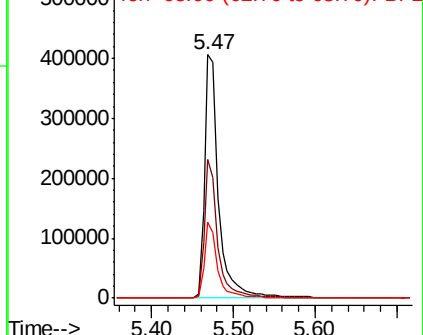
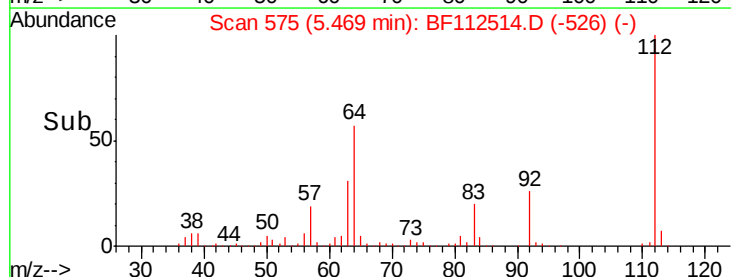
#5

2-Fluorophenol
Concen: 119.400 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Tgt Ion:112 Resp: 489828
Ion Ratio Lower Upper
112 100
64 56.8 45.7 68.5
63 31.2 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





#7

Phenol-d6

Concen: 105.782 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

Instrument :

BNA_F

ClientSampleId :

M-11-S

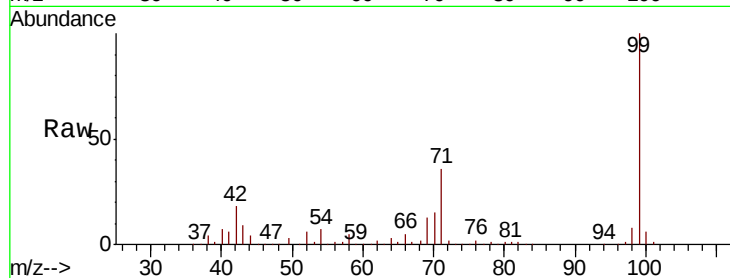
Tgt Ion: 99 Resp: 603014

Ion Ratio Lower Upper

99 100

42 17.9 15.1 22.7

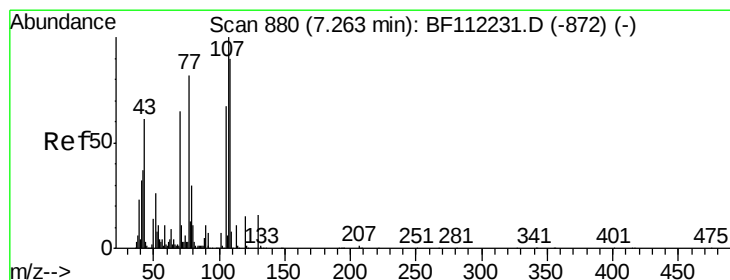
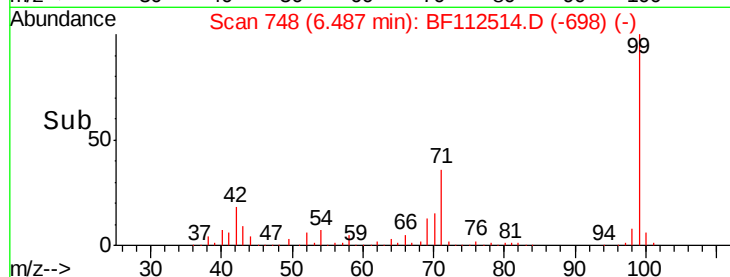
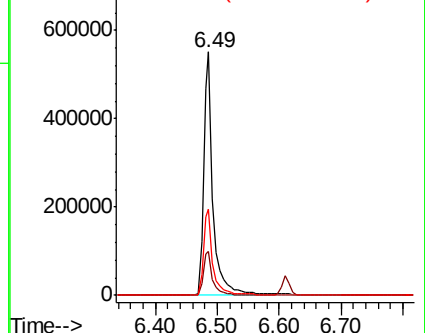
71 35.6 26.9 40.3



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: 12.362 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

Tgt Ion: 70 Resp: 48593

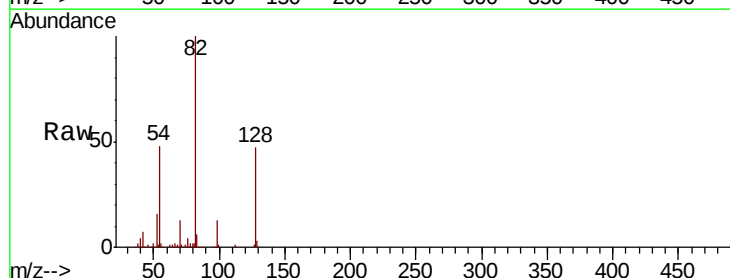
Ion Ratio Lower Upper

70 100

42 49.2 47.6 71.4

101 0.0 7.9 11.9#

130 1.9 18.4 27.6#

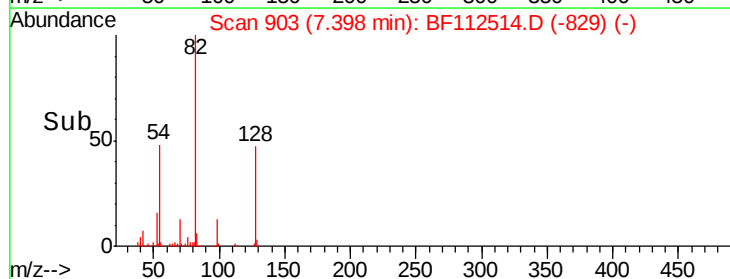
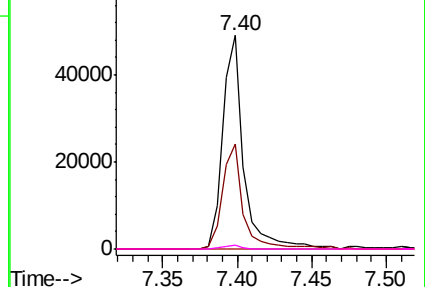


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

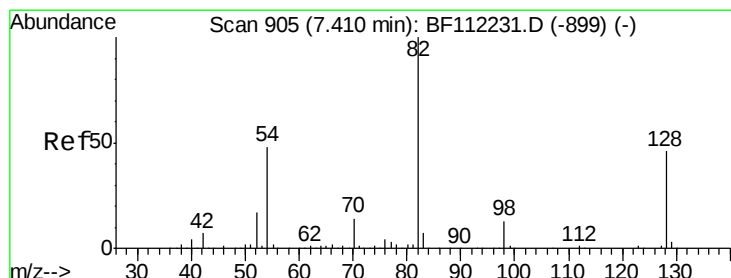
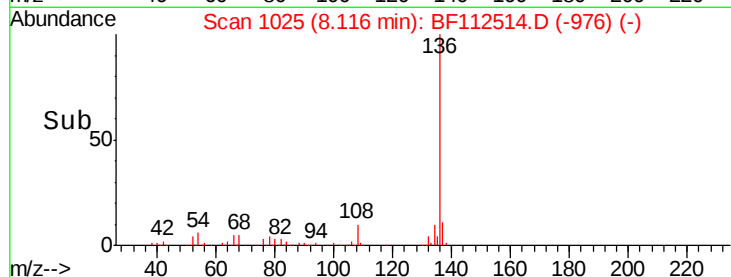
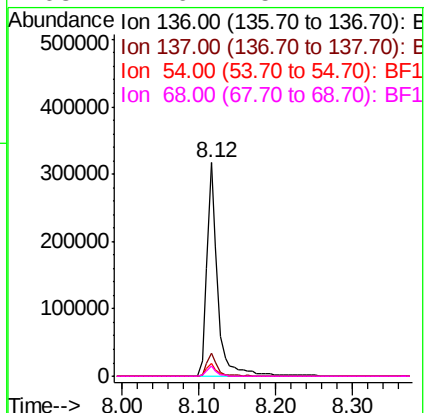
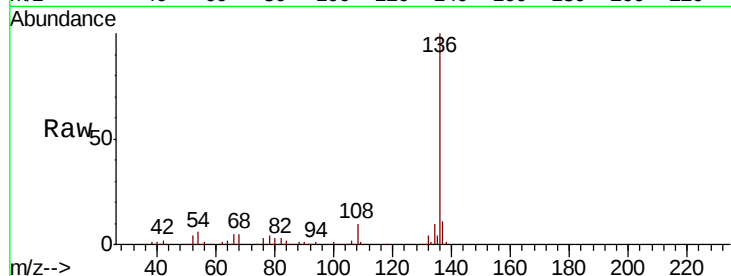




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

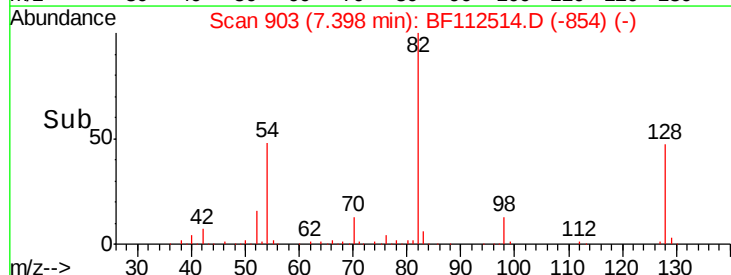
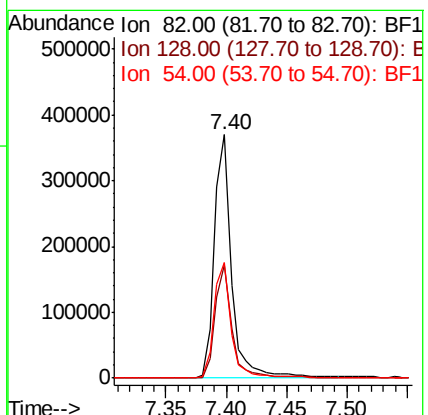
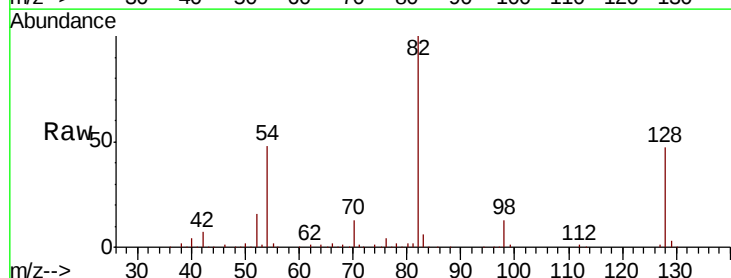
Instrument :
BNA_F
ClientSampleId :
M-11-S

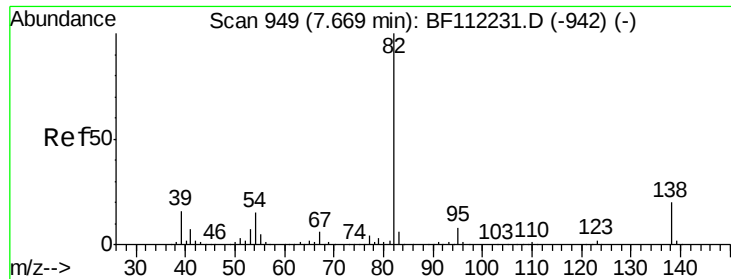
Tgt Ion:	136	Resp:	309742
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	5.9	8.9
68	4.6	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 67.574 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Tgt Ion:	82	Resp:	363251
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	47.6	39.7	59.5





#25

Isophorone

Concen: 43.073 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

Instrument :

BNA_F

ClientSampled :

M-11-S

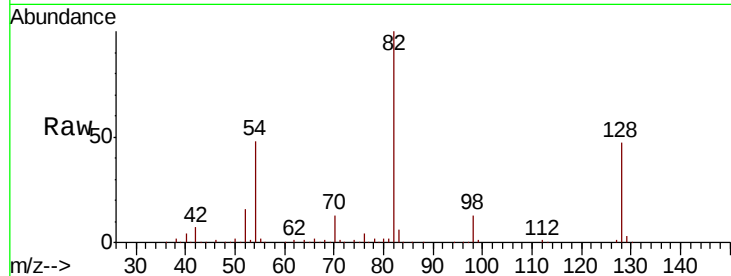
Tgt Ion: 82 Resp: 363246

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

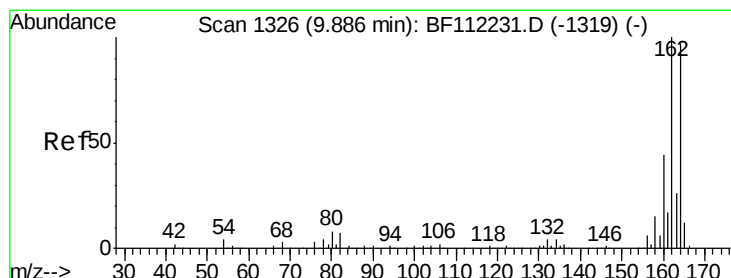
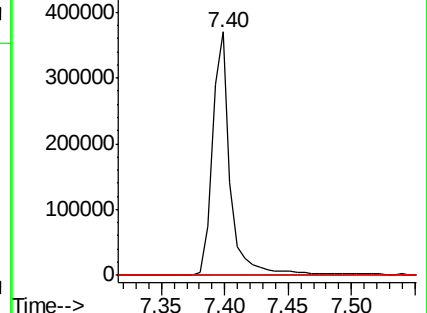
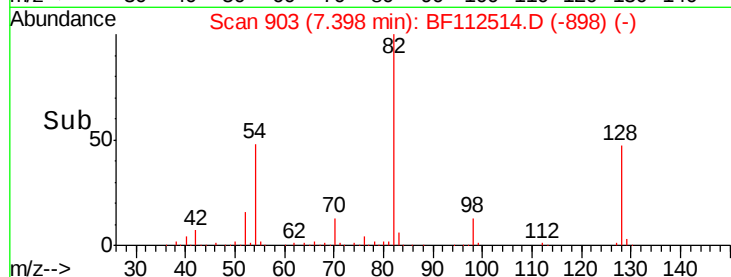
138 0.0 15.4 23.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

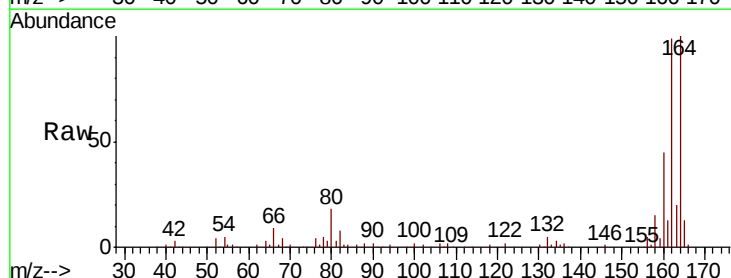
Tgt Ion: 164 Resp: 127687

Ion Ratio Lower Upper

164 100

162 99.3 82.2 123.4

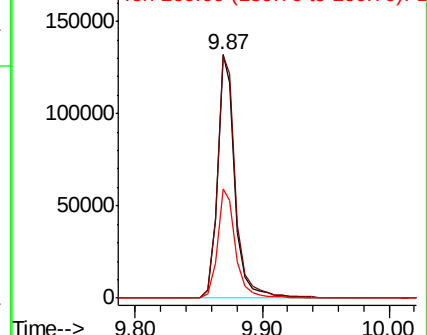
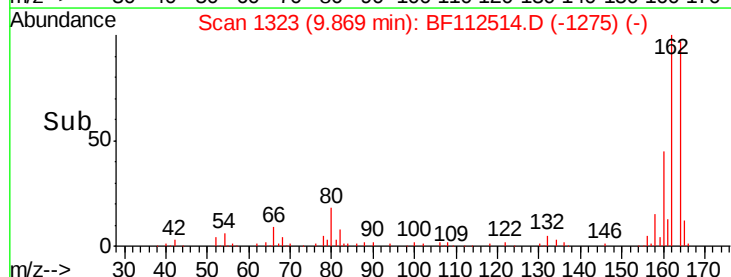
160 44.9 36.2 54.4



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: 91.679 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

Instrument :

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ClientSampleId :

M-11-S

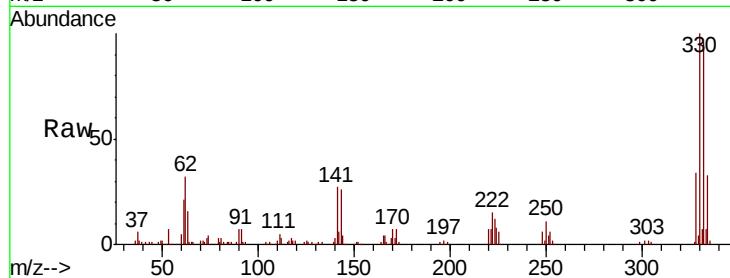
Tgt Ion:330 Resp: 136257

Ion Ratio Lower Upper

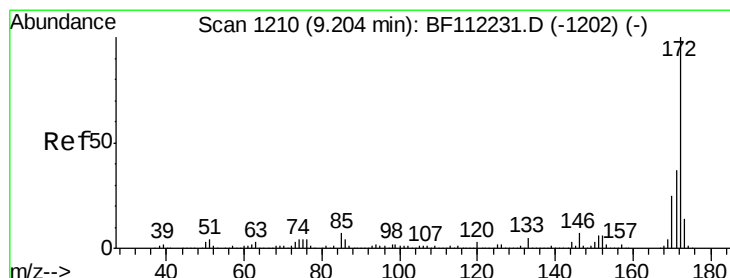
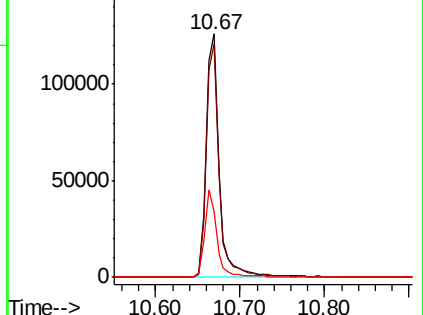
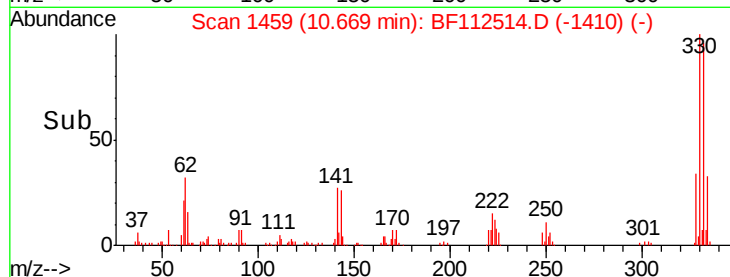
330 100

332 94.0 76.6 114.8

141 33.1 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: 76.435 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

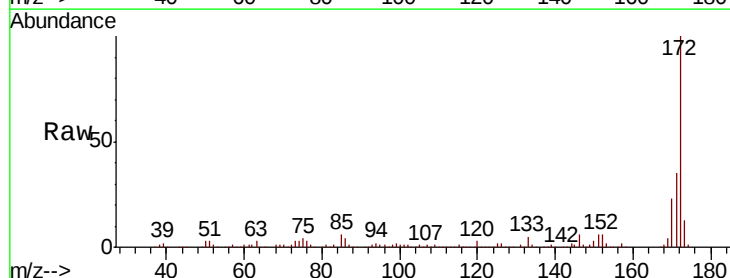
Tgt Ion:172 Resp: 690063

Ion Ratio Lower Upper

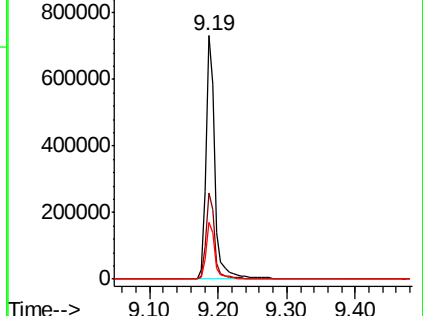
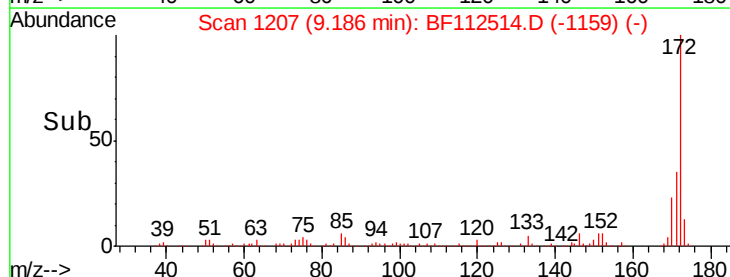
172 100

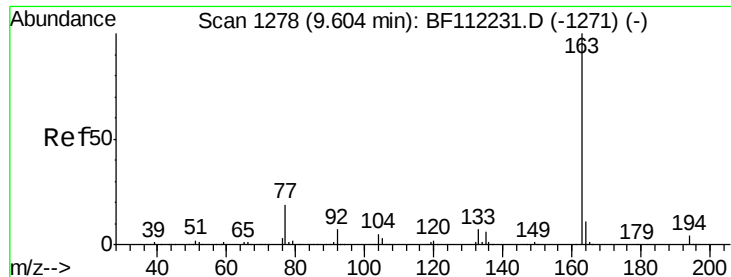
171 35.4 30.5 45.7

170 23.1 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

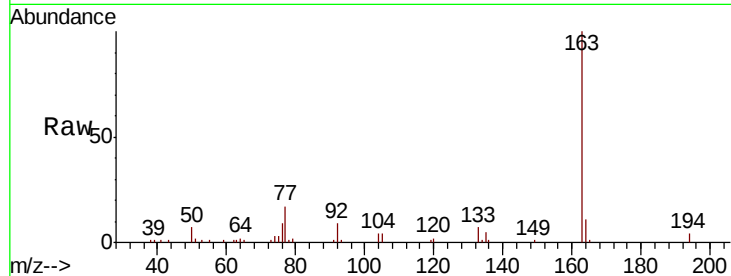




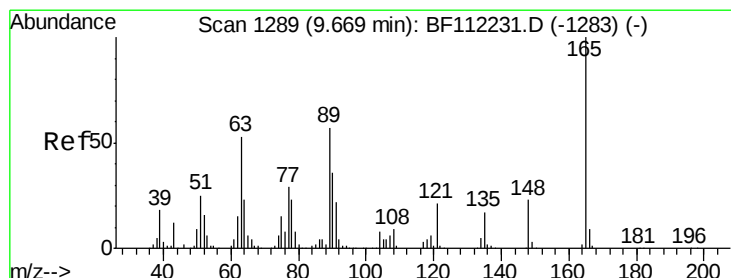
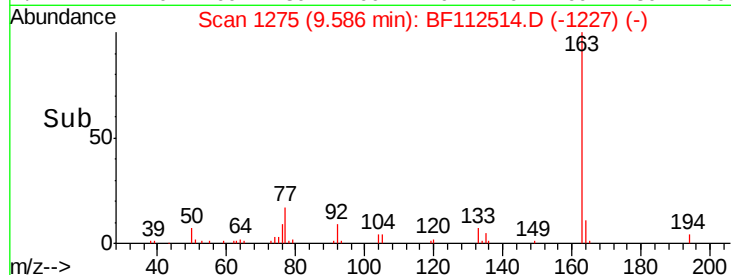
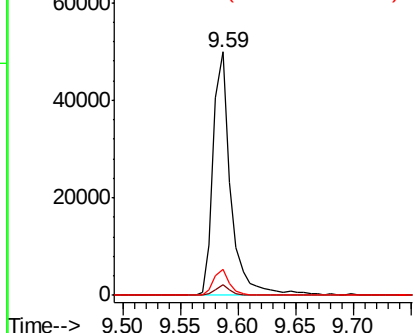
#50
Dimethylphthalate
Concen: 5.376 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Instrument :
BNA_F
ClientSampleId :
M-11-S

Tgt Ion:163 Resp: 53329
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.8 8.5 12.7

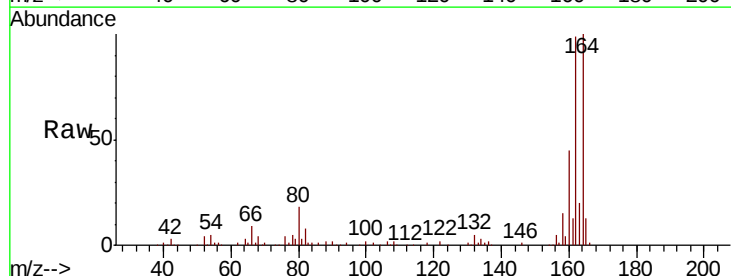


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

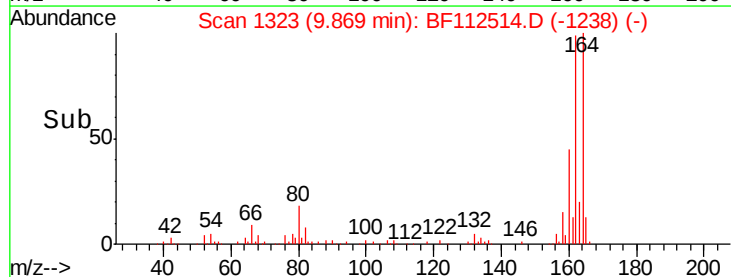
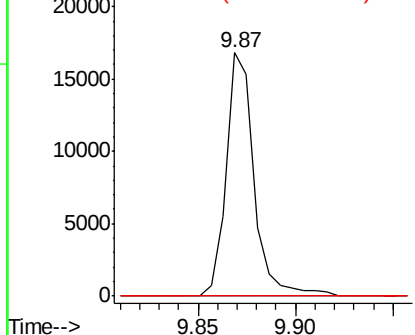


#51
2,6-Dinitrotoluene
Concen: 7.469 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Tgt Ion:165 Resp: 16595
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 0.0 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

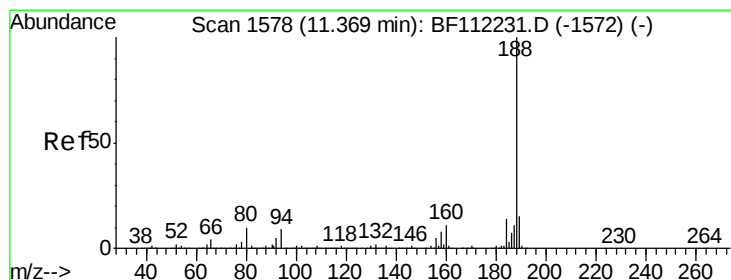
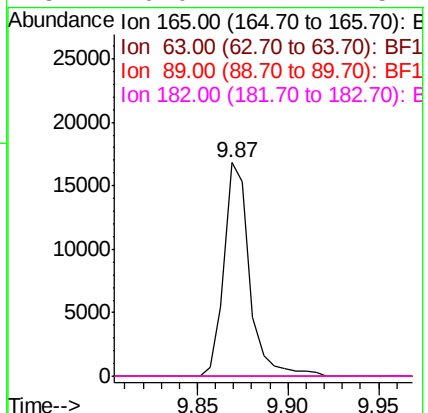
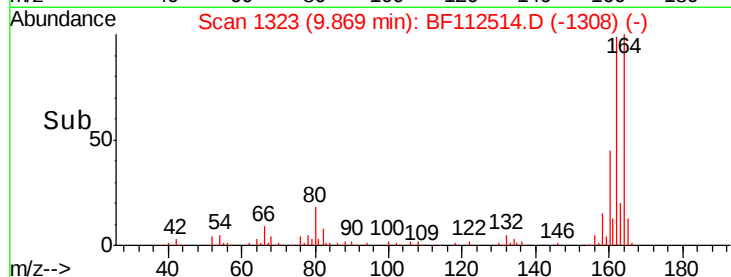
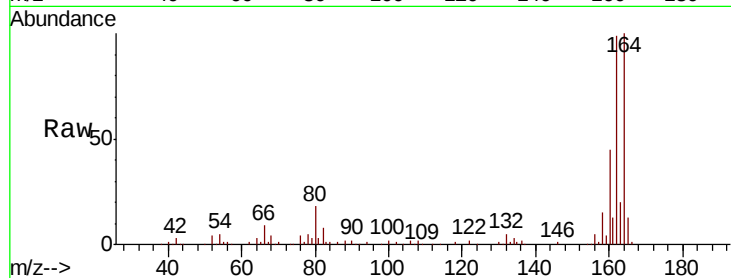




#57
2,4-Dinitrotoluene
Concen: 5.867 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

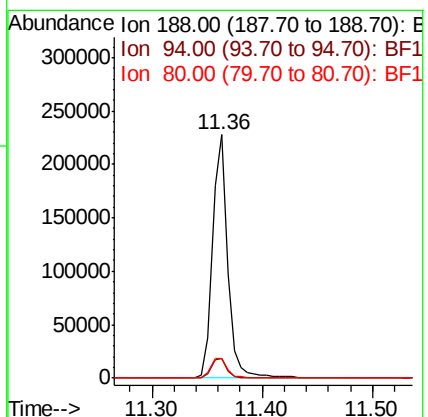
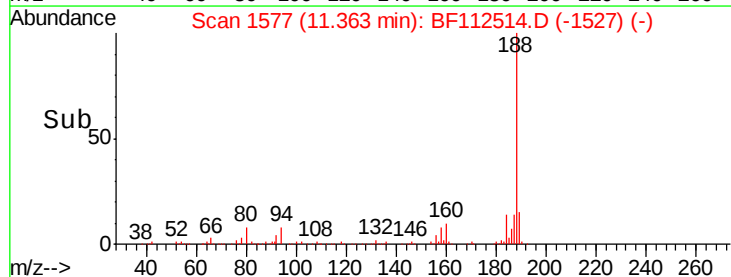
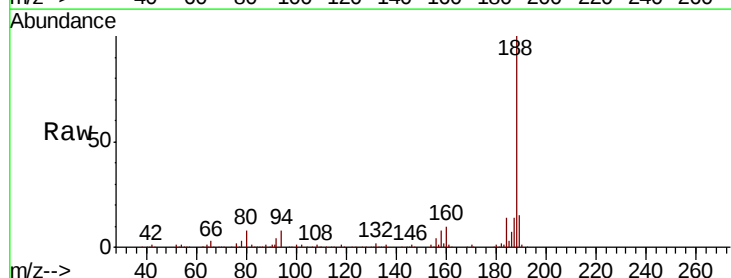
Instrument :
BNA_F
ClientSampleId :
M-11-S

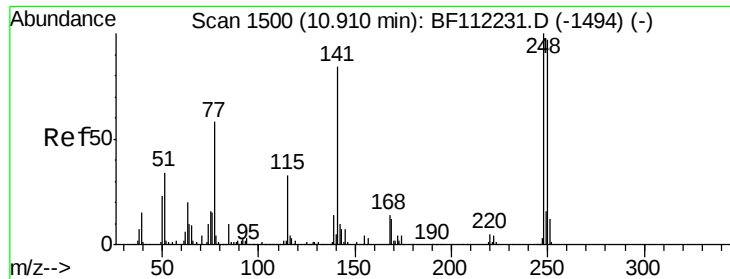
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	16595		
63	0.0	27.9	41.9#	
89	0.0	47.9	71.9#	
182	0.0	2.2	3.4#	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112514.D
Acq: 12 Feb 2019 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	213516		
94	8.1	8.2	12.2#	
80	8.0	8.9	13.3#	

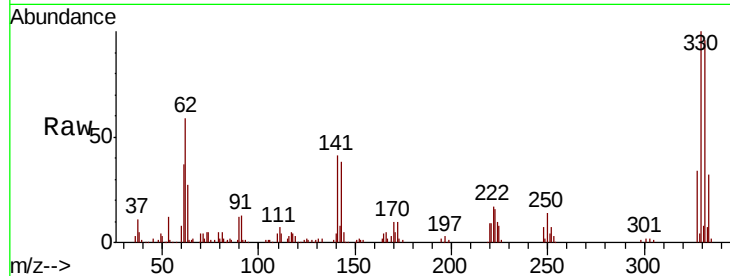




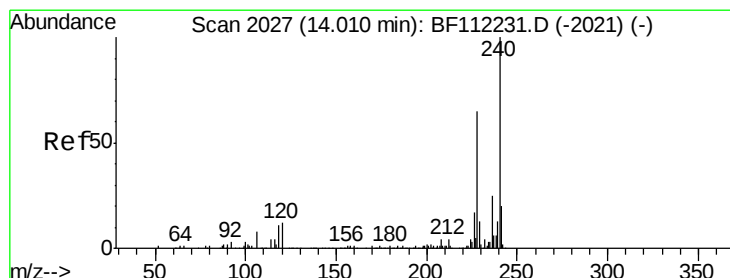
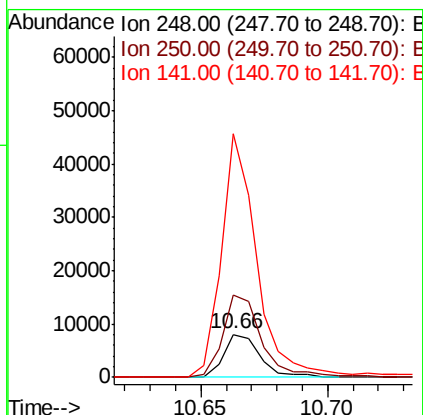
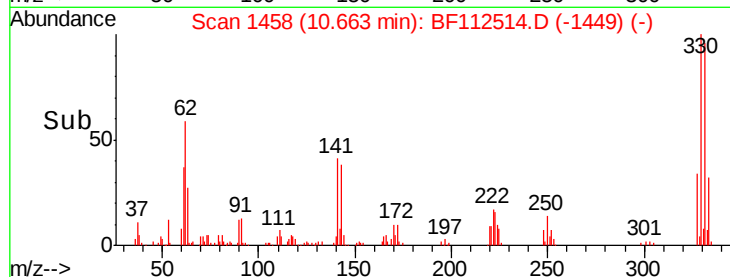
#67
 4-Bromophenyl-phenylether
 Concen: 3.141 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112514.D
 Acq: 12 Feb 2019 16:48

Instrument :
 BNA_F
 ClientSampleId :
 M-11-S

Tgt Ion:248 Resp: 7888
 Ion Ratio Lower Upper
 248 100
 250 192.9 79.7 119.5#
 141 566.8 60.3 90.5#

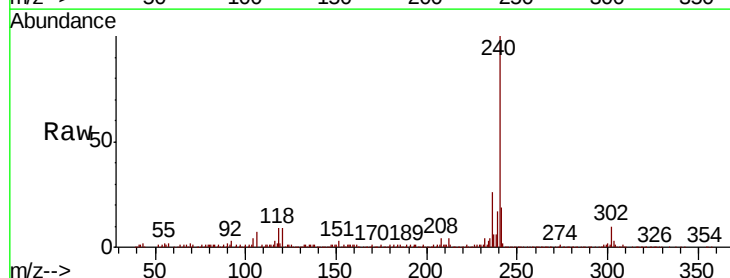


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

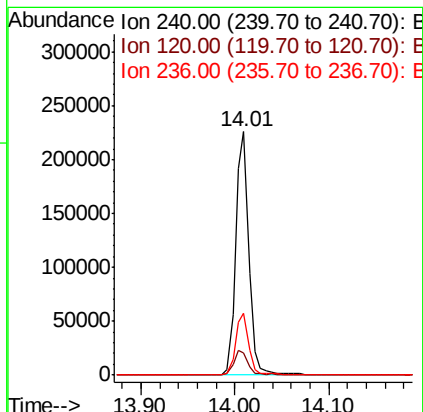
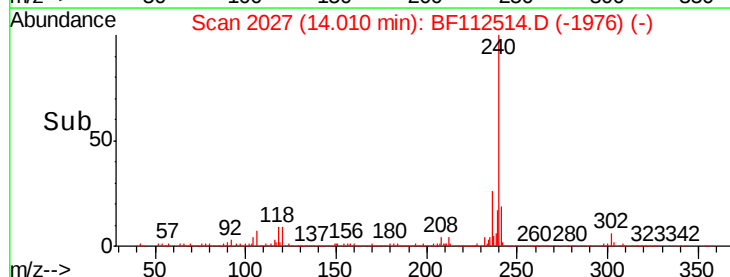


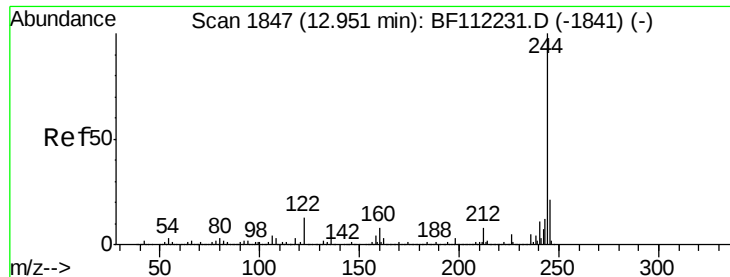
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF112514.D
 Acq: 12 Feb 2019 16:48

Tgt Ion:240 Resp: 218665
 Ion Ratio Lower Upper
 240 100
 120 9.2 9.0 13.6
 236 25.7 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: 52.320 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

Instrument :

BNA_F

ClientSampleId :

M-11-S

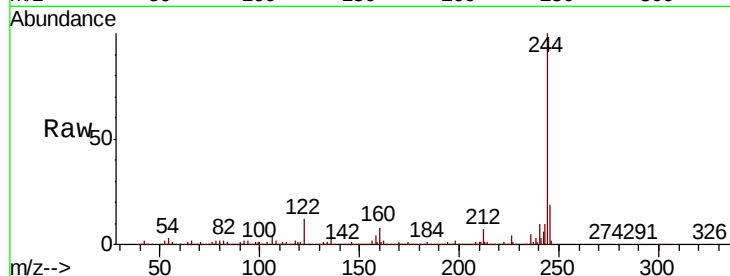
Tgt Ion:244 Resp: 607427

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

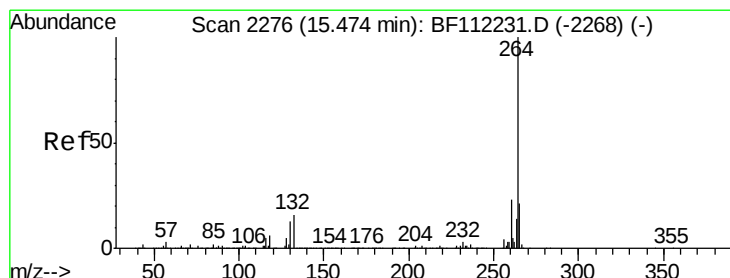
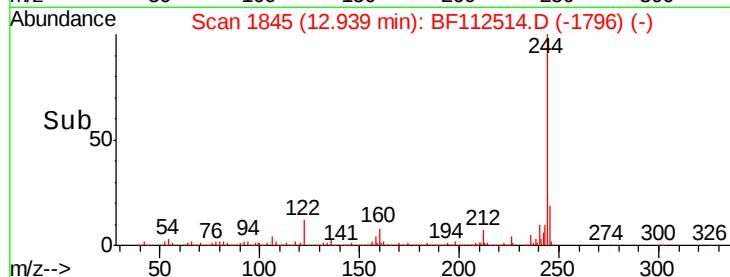
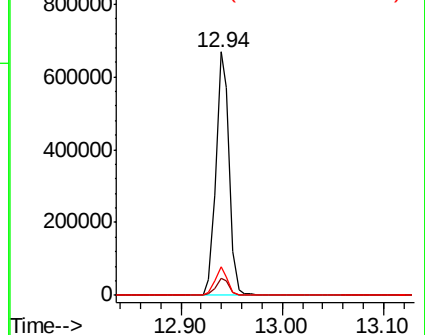
122 11.9 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112514.D

Acq: 12 Feb 2019 16:48

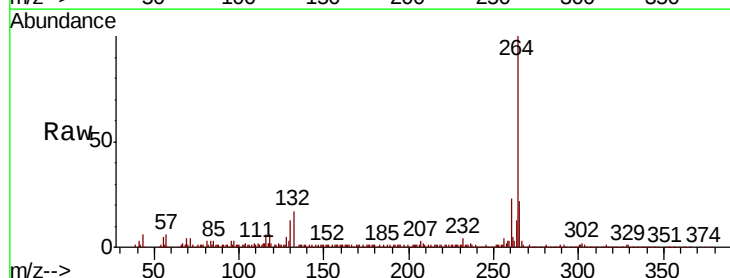
Tgt Ion:264 Resp: 218677

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.2

265 21.6 17.0 25.4



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

