

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112649.D
 Acq On : 21 Feb 2019 13:41
 Operator : JU/SJ
 Sample : K1538-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 21 15:31:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 21 12:57:17 2019
 Response via : Initial Calibration

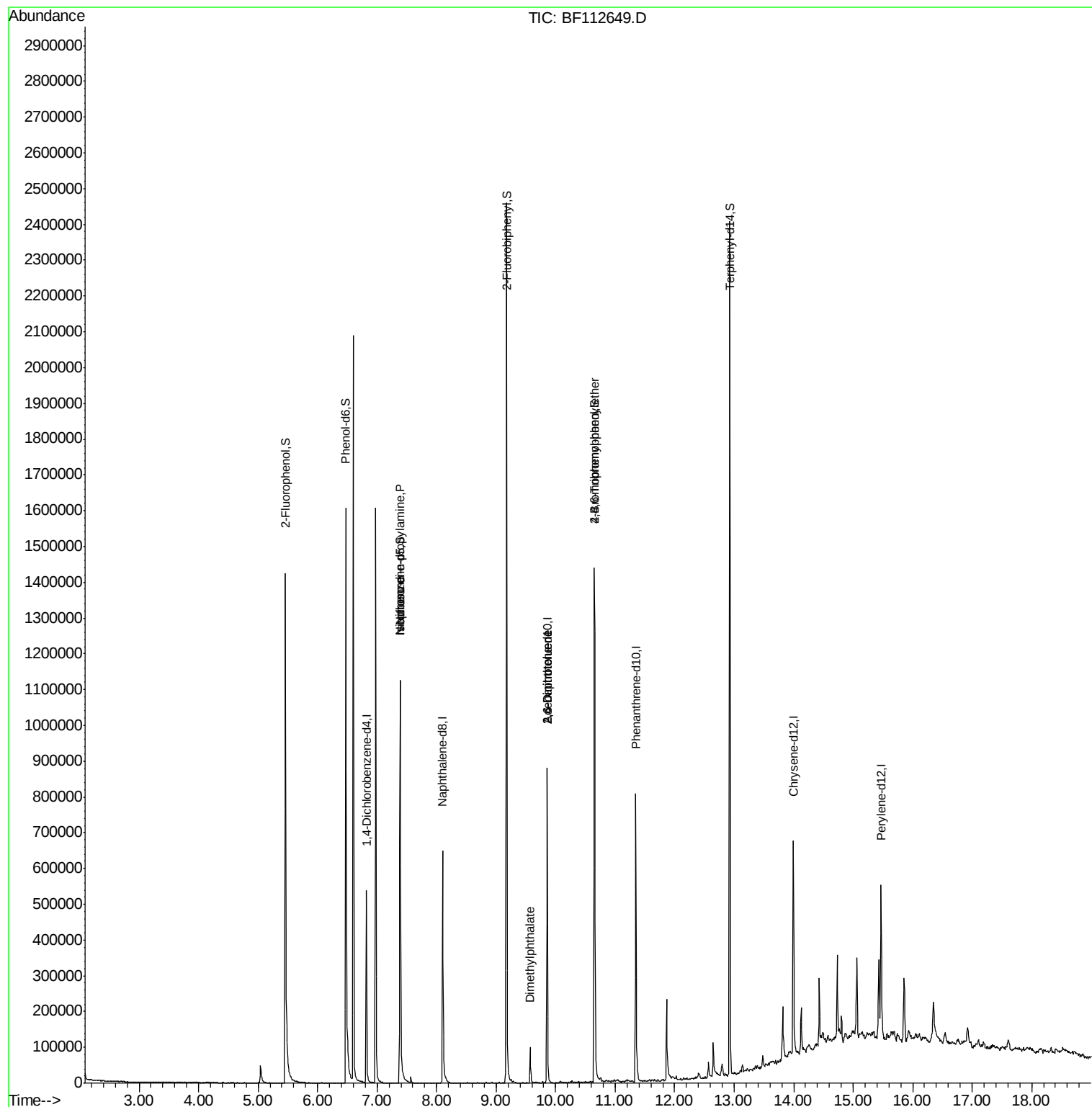
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87930	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	357684	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	175909	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	336900	20.00	ng	0.00
76) Chrysene-d12	14.00	240	214377	20.00	ng	0.00
87) Perylene-d12	15.47	264	205112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	487055	117.65	ng	0.00
7) Phenol-d6	6.47	99	619413	107.68	ng	0.00
23) Nitrobenzene-d5	7.39	82	402042	64.77	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	201958	98.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	765567	61.55	ng	0.00
79) Terphenyl-d14	12.93	244	730550	64.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	54275	13.683	ng	# 76
25) Isophorone	7.39	82	402039	41.283	ng	# 63
50) Dimethylphthalate	9.57	163	49402	3.615	ng	# 97
51) 2,6-Dinitrotoluene	9.86	165	22218	7.259	ng	# 33
57) 2,4-Dinitrotoluene	9.86	165	22218	5.702	ng	# 31
67) 4-Bromophenyl-phenylether	10.65	248	12334	3.113	ng	# 1

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

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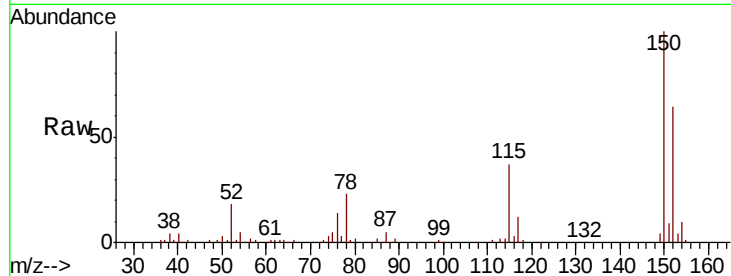


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.4	191.0
115	57.9	45.5	68.3

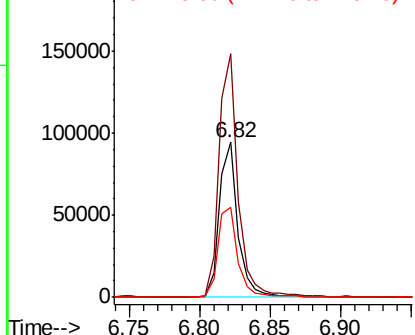
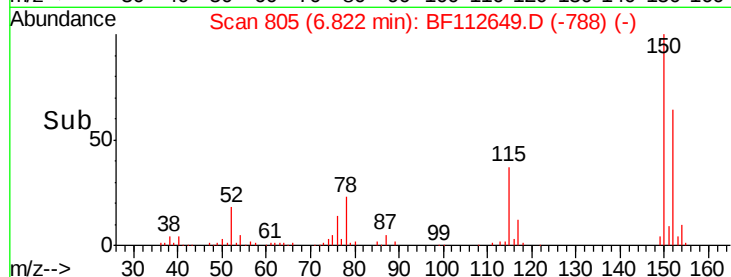


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

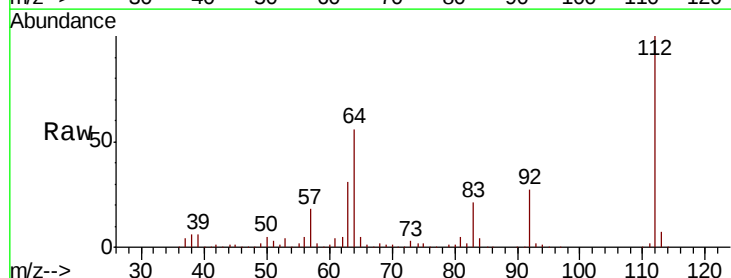
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.655 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	31.0	23.6	35.4

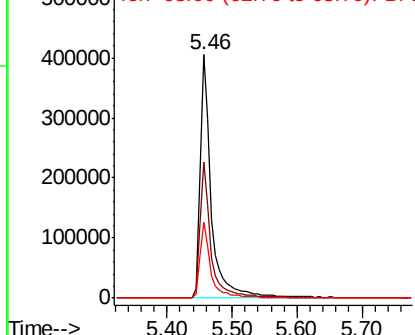
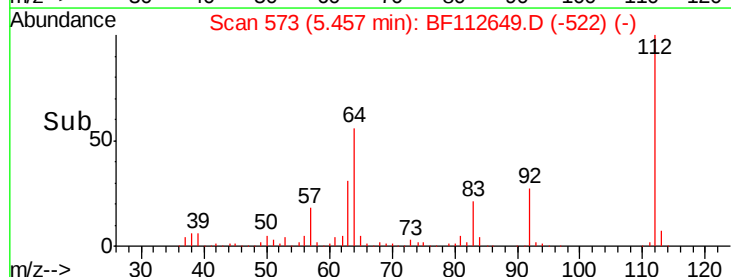


Abundance

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: 107.680 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

Instrument :

BNA_F

ClientSampleId :

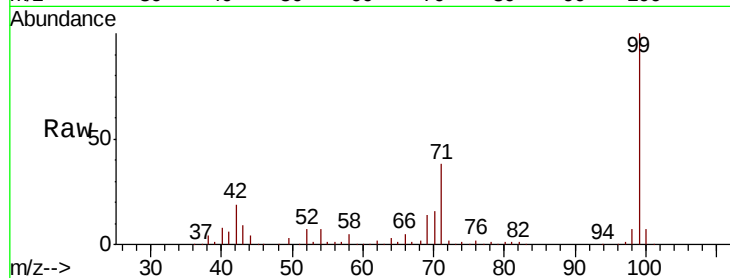
Tot Ion: 99 Resp: 619413

Ion Ratio Lower Upper

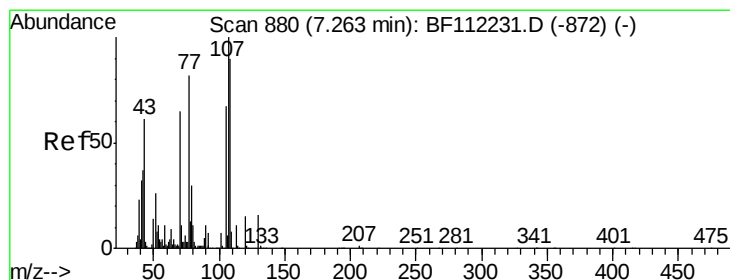
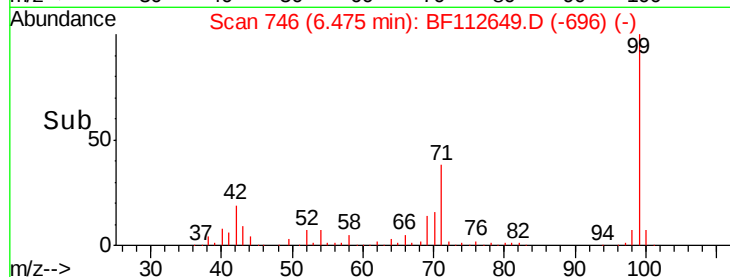
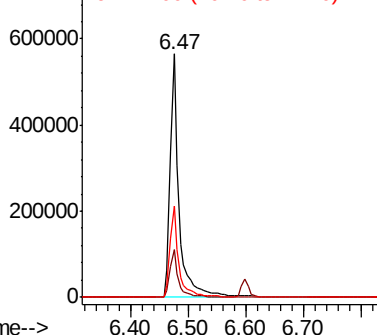
99 100

42 19.5 15.1 22.7

71 37.8 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: 13.683 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

Tgt Ion: 70 Resp: 54275

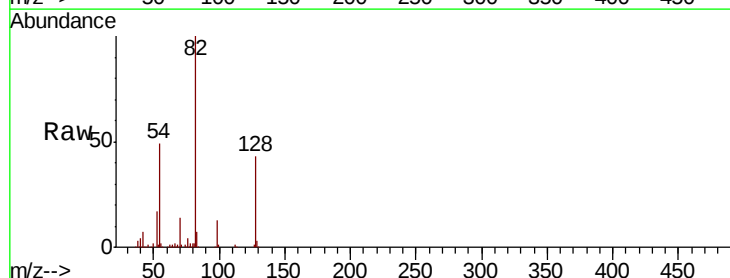
Ion Ratio Lower Upper

70 100

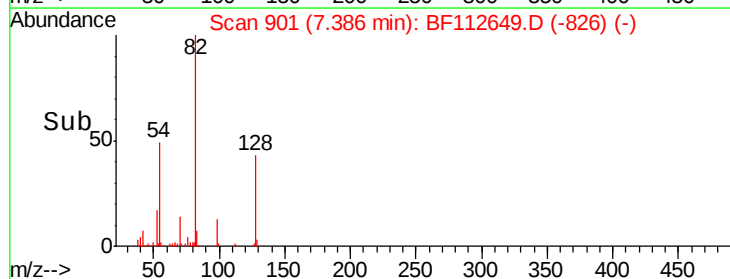
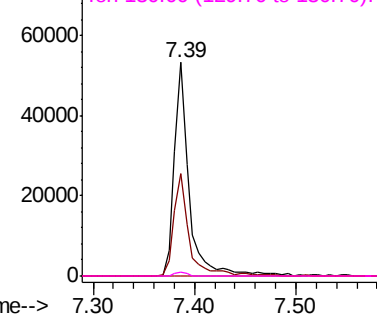
42 47.9 47.6 71.4

101 0.0 7.9 11.9#

130 1.8 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: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 357684

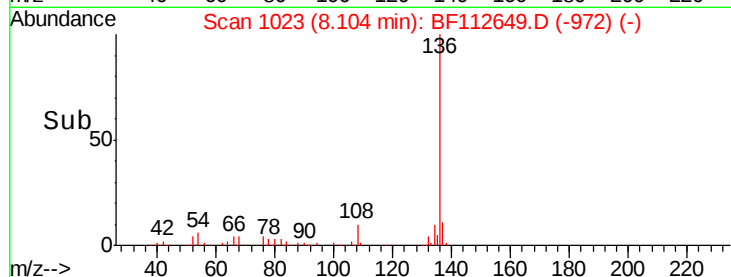
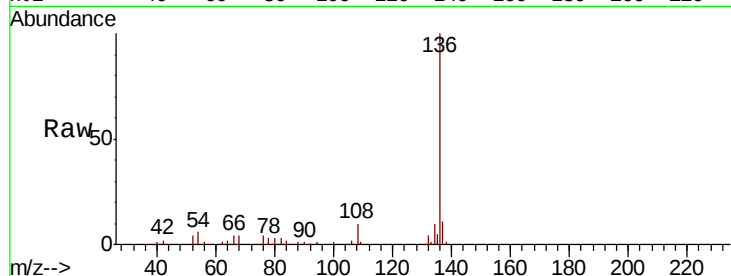
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 5.9 8.9

68 4.1 5.1 7.7#

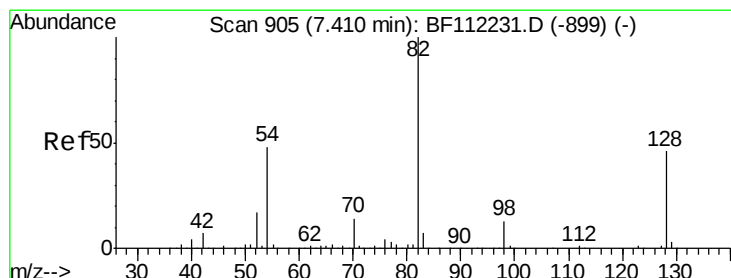
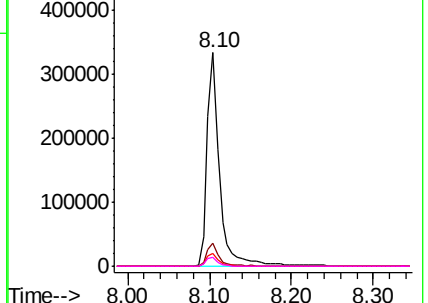


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.765 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

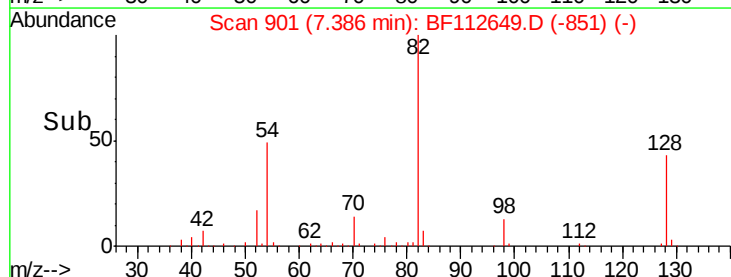
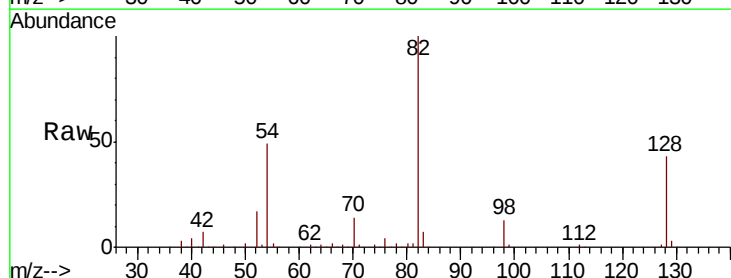
Tgt Ion: 82 Resp: 402042

Ion Ratio Lower Upper

82 100

128 43.4 37.8 56.8

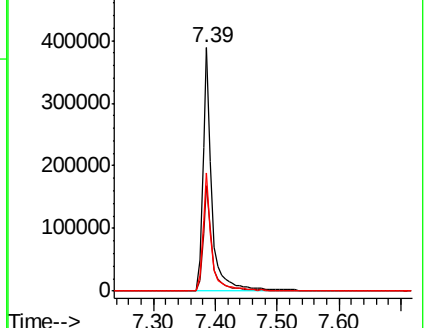
54 48.6 39.7 59.5

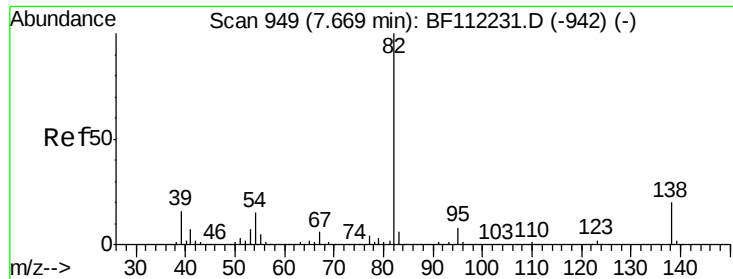


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.283 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.26 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

Instrument :

BNA_F

ClientSampleId :

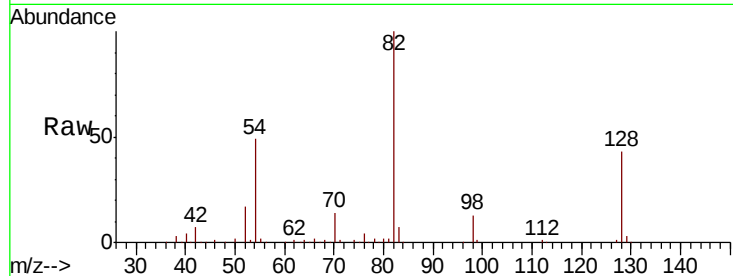
Tot Ion: 82 Resp: 402039

Ion Ratio Lower Upper

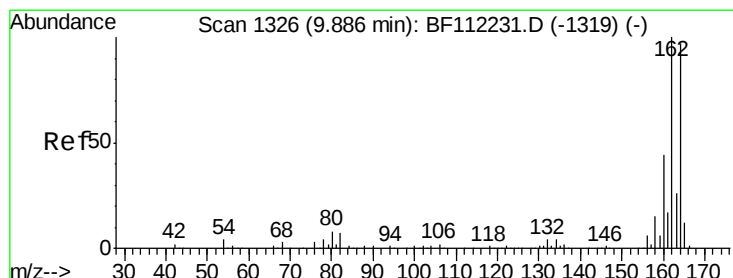
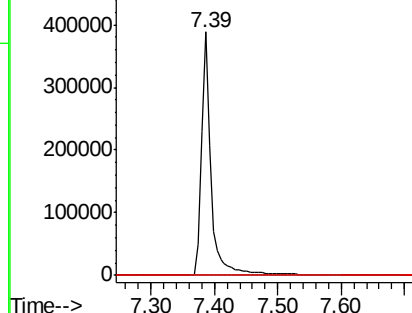
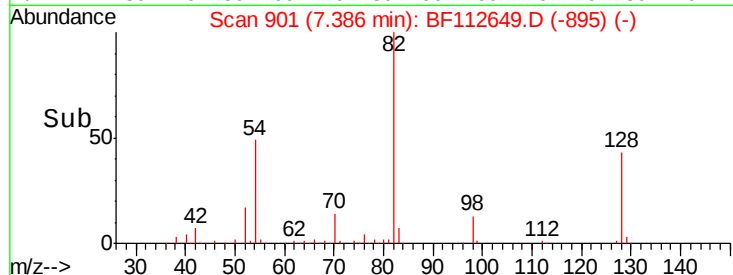
82 100

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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

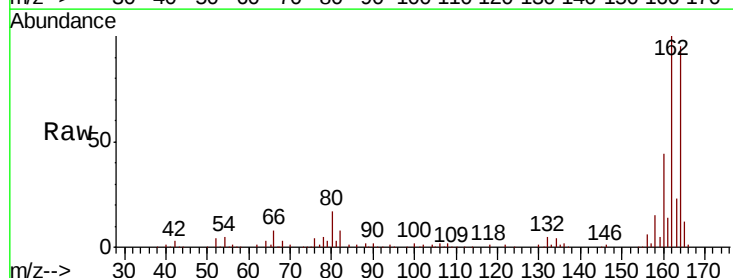
Tgt Ion: 164 Resp: 175909

Ion Ratio Lower Upper

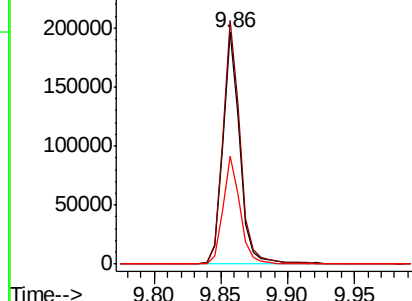
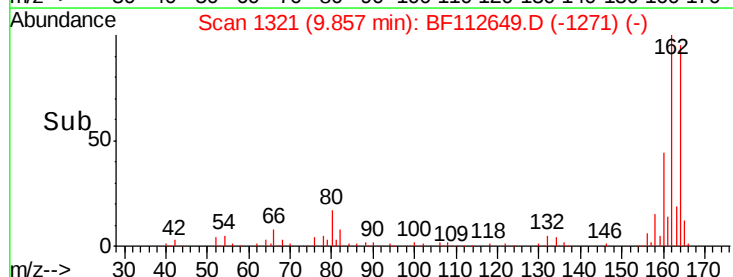
164 100

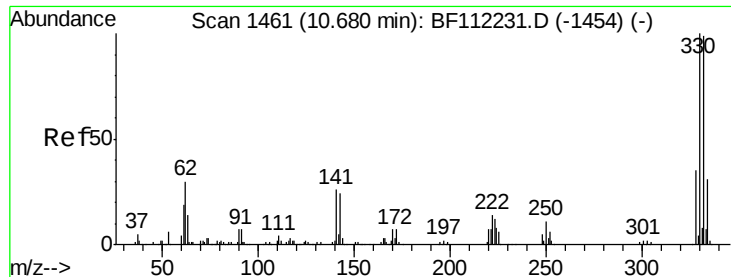
162 105.0 82.2 123.4

160 46.6 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

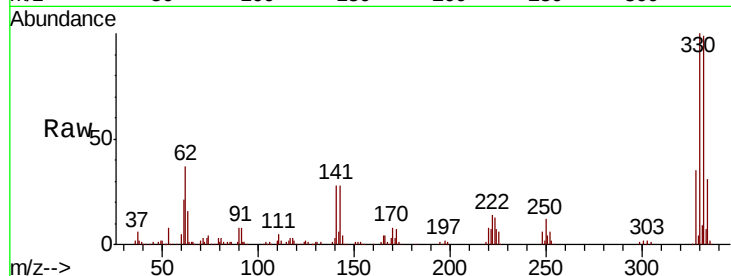




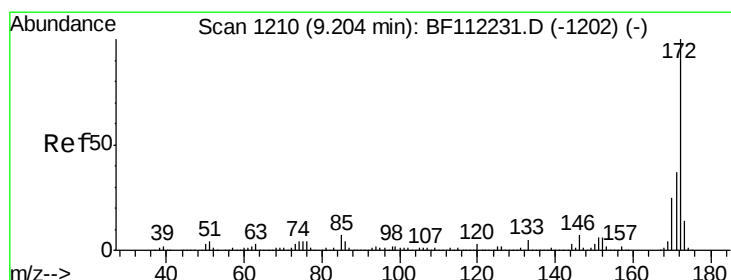
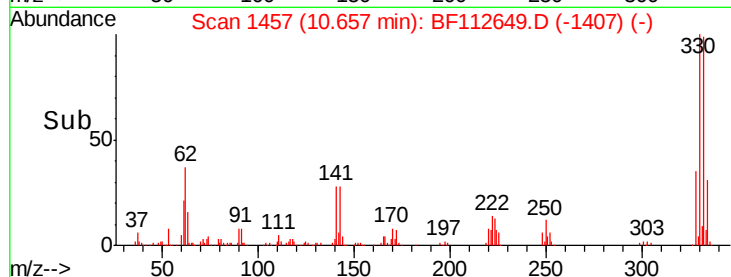
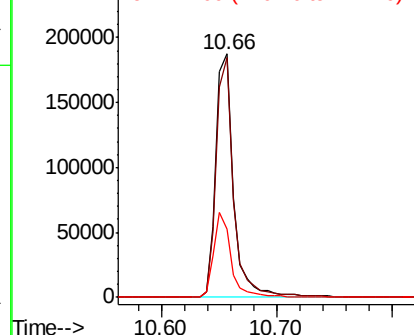
#42
 2,4,6-Tribromophenol
 Concen: 98.635 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	33.9	24.3	36.5

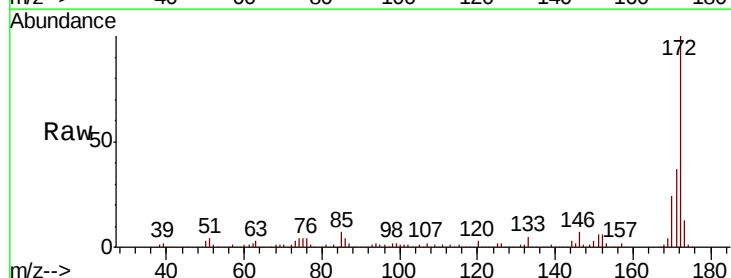


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

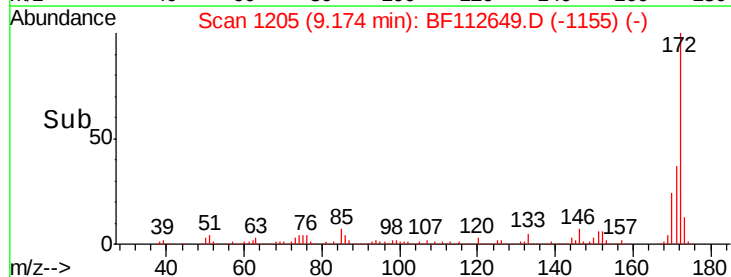
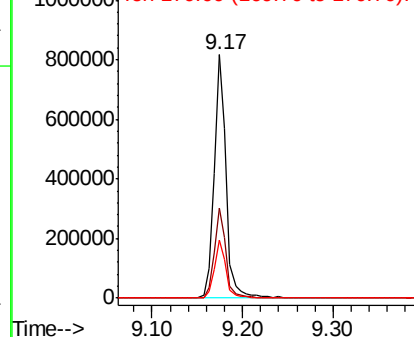


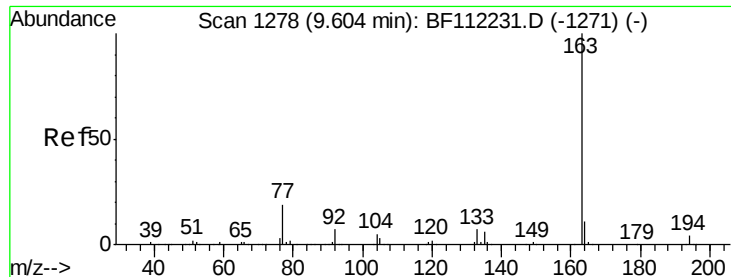
#45
 2-Fluorobiphenyl
 Concen: 61.553 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	23.9	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

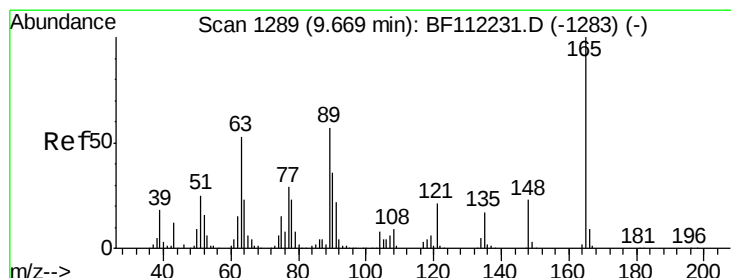
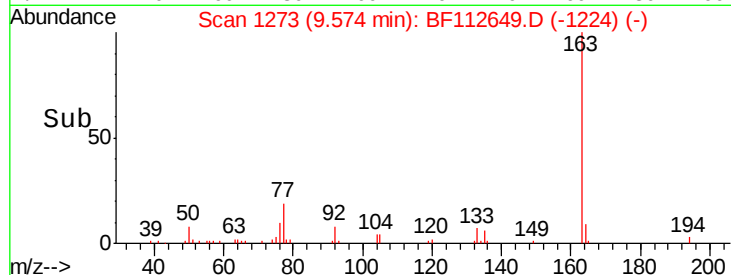
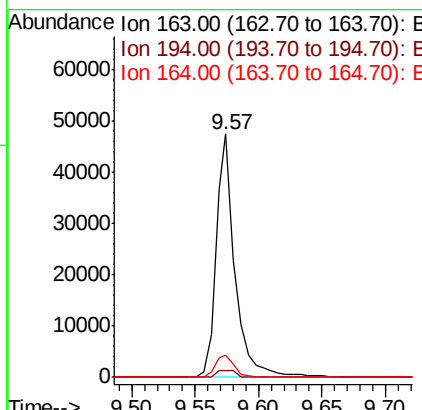
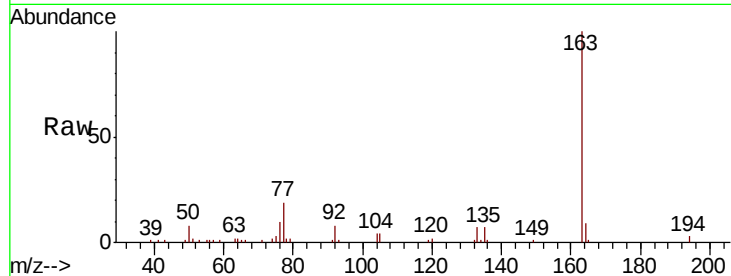




#50
Dimethylphthalate
Concen: 3.615 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF112649.D
Acq: 21 Feb 2019 13:41

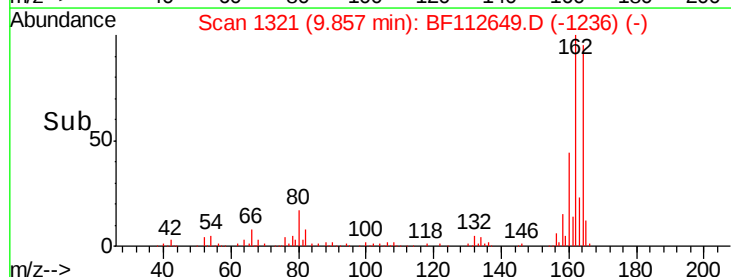
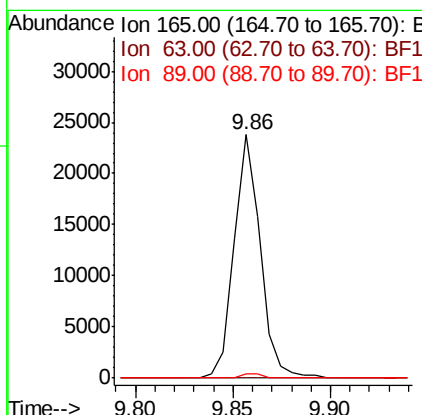
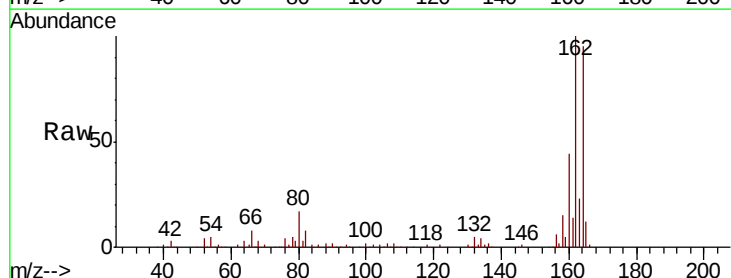
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 49402
Ion Ratio Lower Upper
163 100
194 3.0 3.3 4.9#
164 9.3 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 7.259 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.20 min
Lab File: BF112649.D
Acq: 21 Feb 2019 13:41

Tgt Ion:165 Resp: 22218
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 1.7 36.9 55.3#





#57

2,4-Dinitrotoluene

Concen: 5.702 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.22 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22218

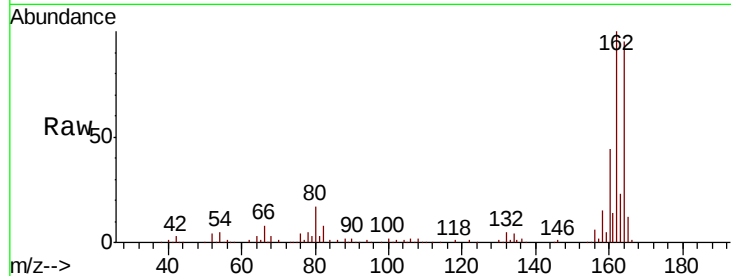
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

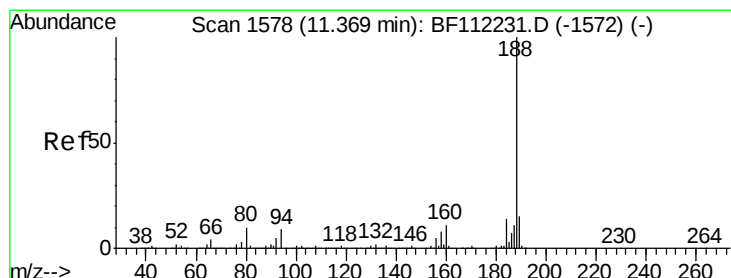
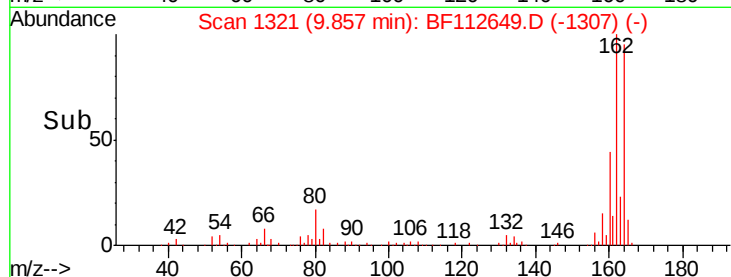
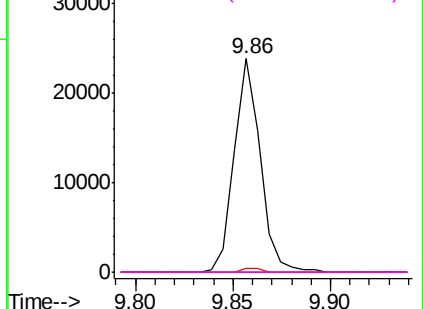


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF112649.D

Acq: 21 Feb 2019 13:41

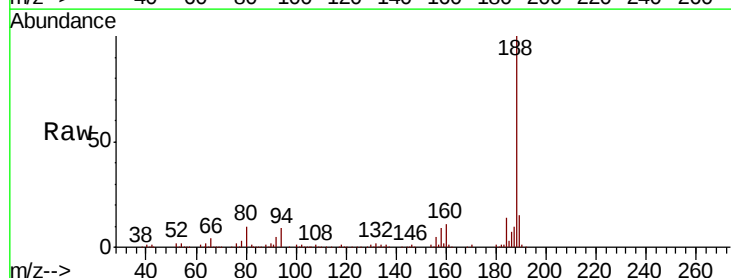
Tgt Ion:188 Resp: 336900

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

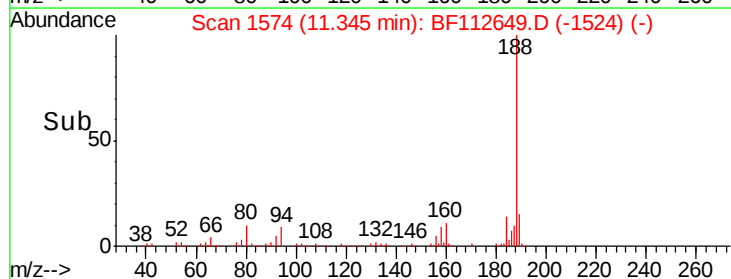
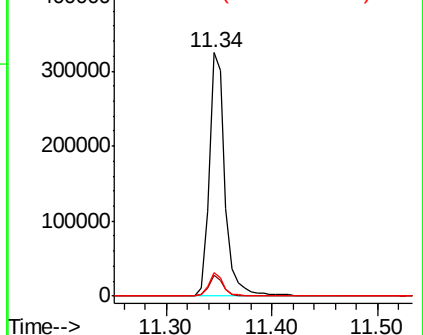
80 9.6 8.9 13.3

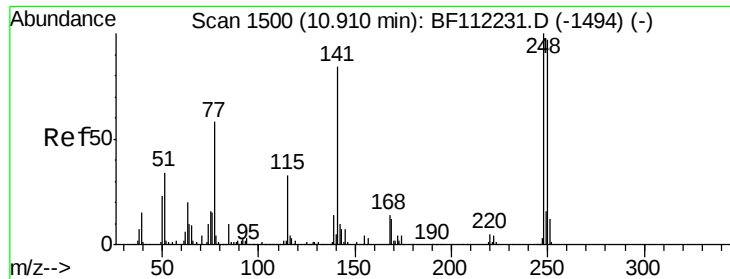


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

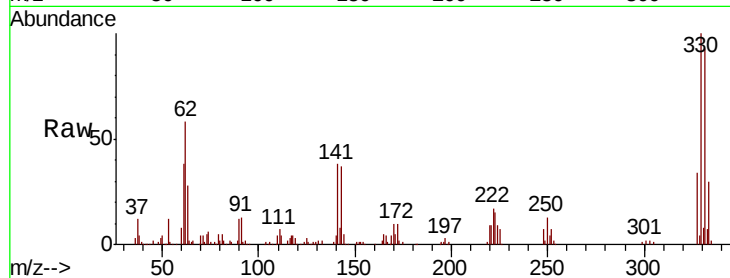




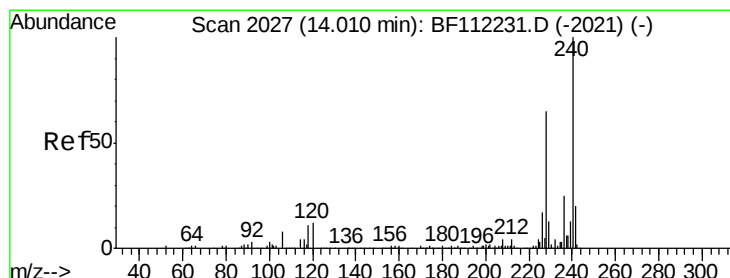
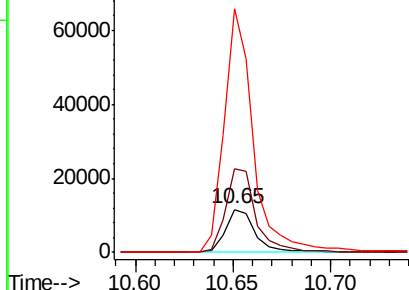
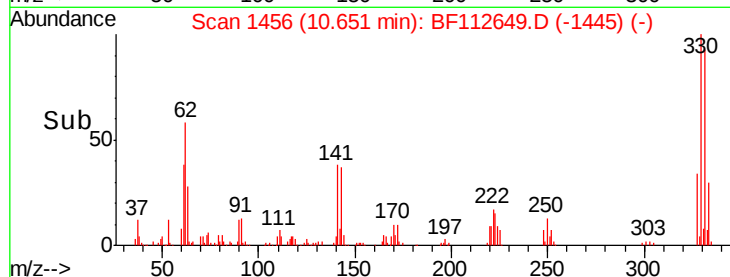
#67
4-Bromophenyl-phenylether
Concen: 3.113 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.24 min
Lab File: BF112649.D
Acq: 21 Feb 2019 13:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12334
Ion Ratio Lower Upper
248 100
250 194.6 79.7 119.5#
141 569.7 60.3 90.5#

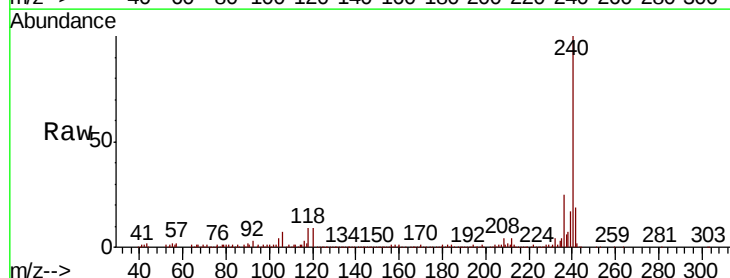


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

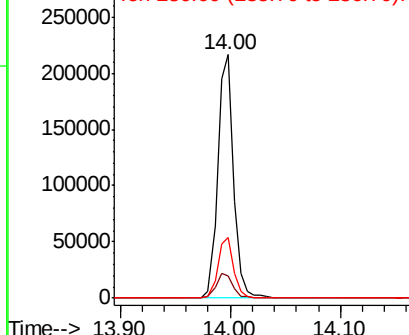
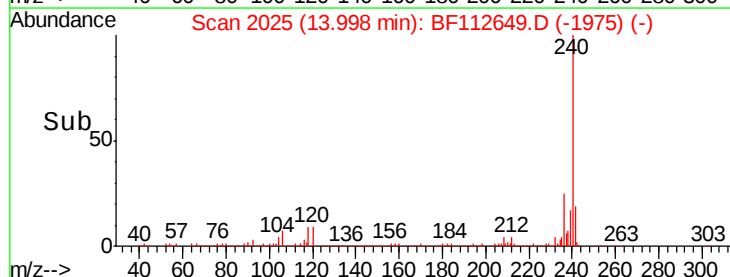


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112649.D
Acq: 21 Feb 2019 13:41

Tgt Ion:240 Resp: 214377
Ion Ratio Lower Upper
240 100
120 9.0 9.0 13.6#
236 25.0 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

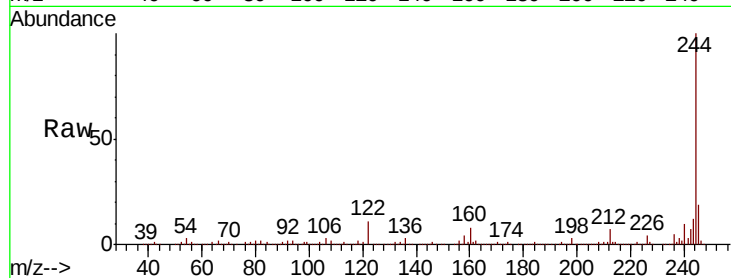




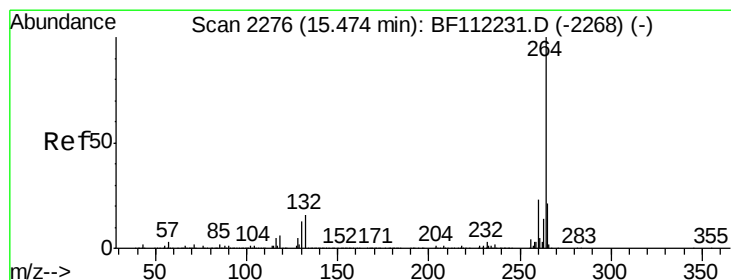
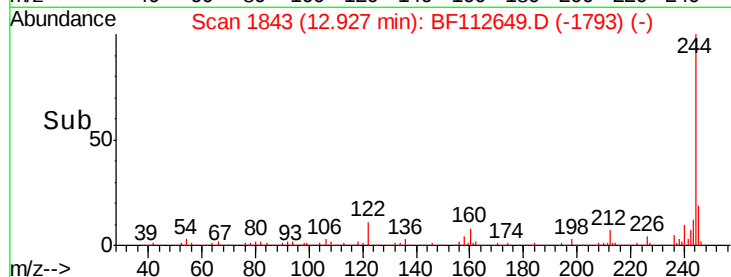
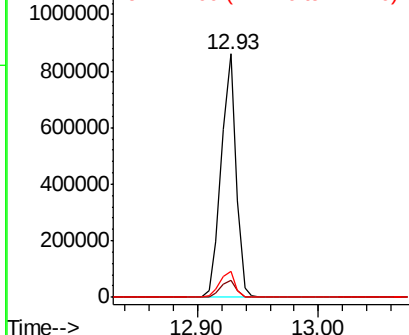
#79
 Terphenyl-d14
 Concen: 64.184 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 730550
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 9.8 14.6

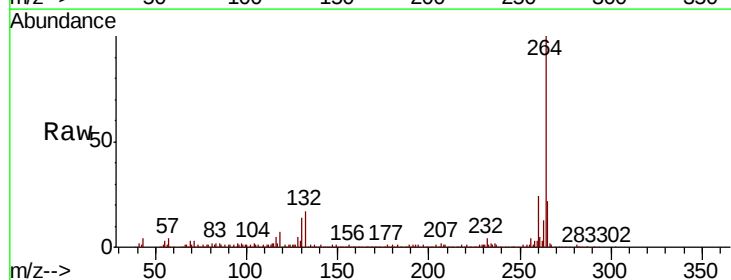


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112649.D
 Acq: 21 Feb 2019 13:41

Tgt Ion:264 Resp: 205112
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.1 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

