

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116102.D
 Acq On : 9 Aug 2019 10:10
 Operator : HP/JU
 Sample : PB122079TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:08:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

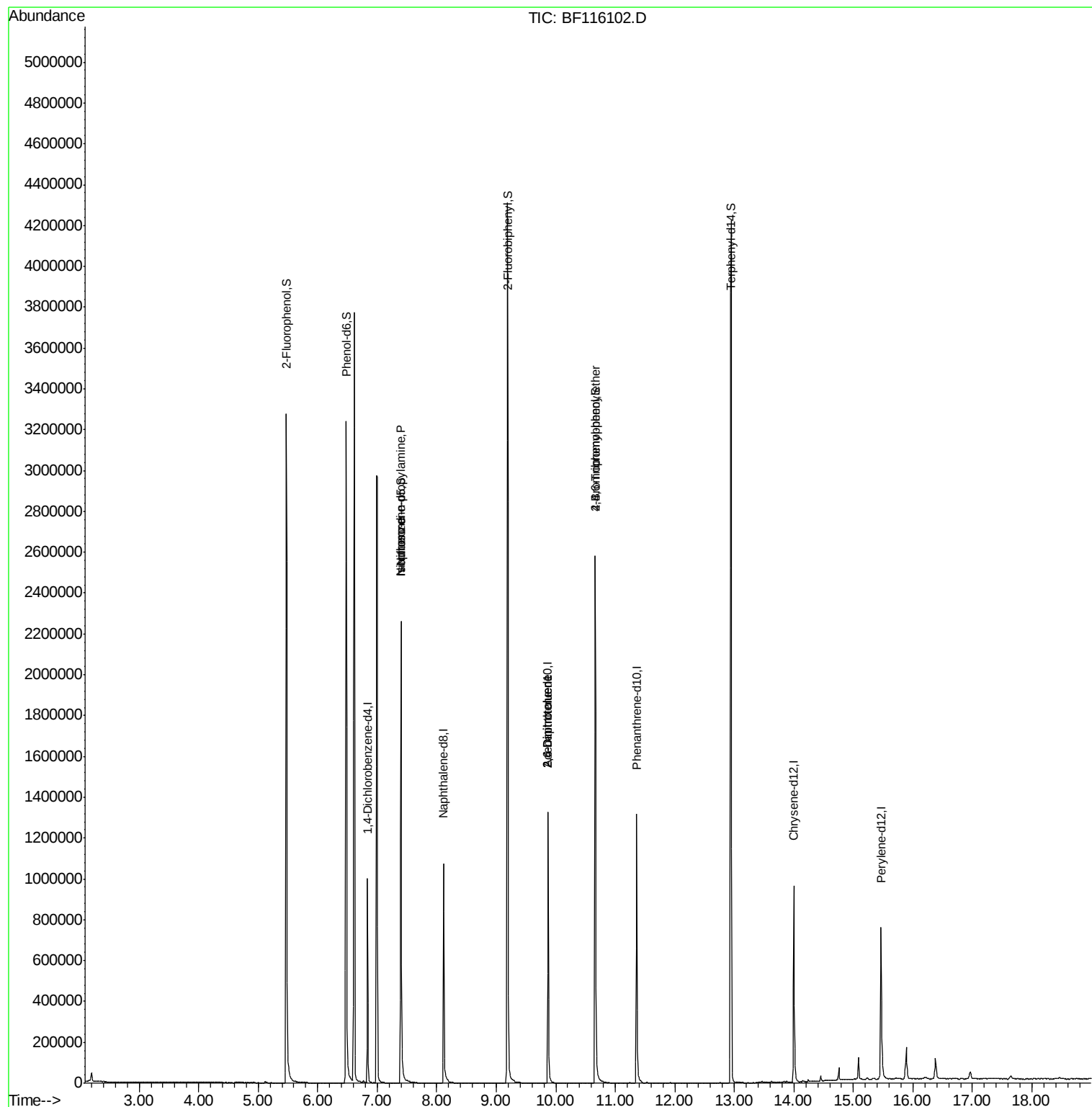
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	151111	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	587448	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315857	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	554200	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	390759	20.00	ng	-0.01
87) Perylene-d12	15.46	264	358360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1066686	118.17	ng	0.00
7) Phenol-d6	6.48	99	1385104	121.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	916603	90.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	381346	124.53	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1571112	93.17	ng	-0.01
79) Terphenyl-d14	12.94	244	1689846	91.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	121107	17.161	ng	# 79
25) Isophorone	7.40	82	916599	47.102	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	40183	8.598	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	40184	6.458	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22673	3.822	ng	# 1

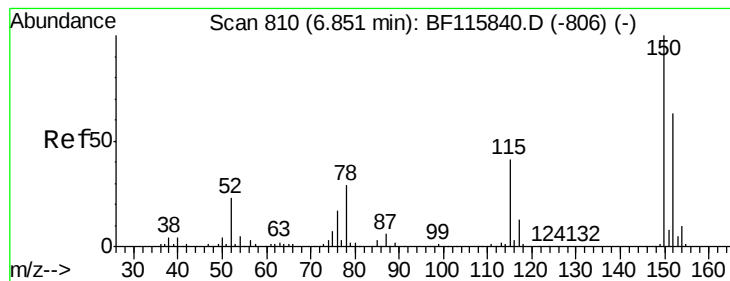
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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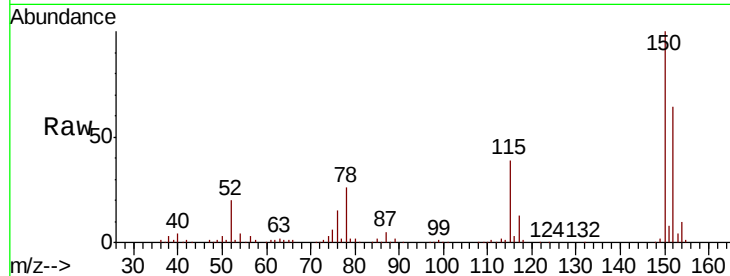


#1

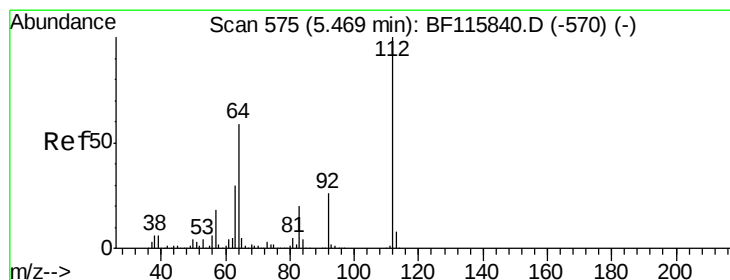
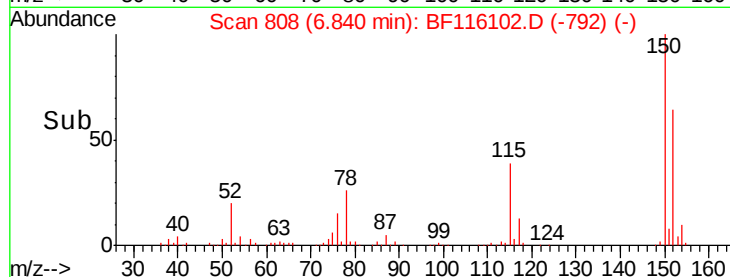
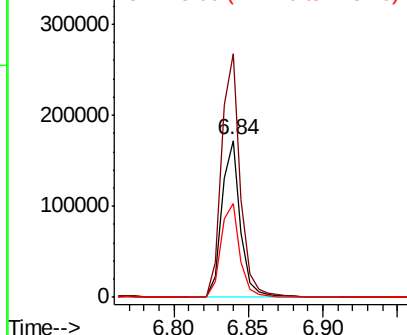
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151111
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 60.2 49.9 74.9



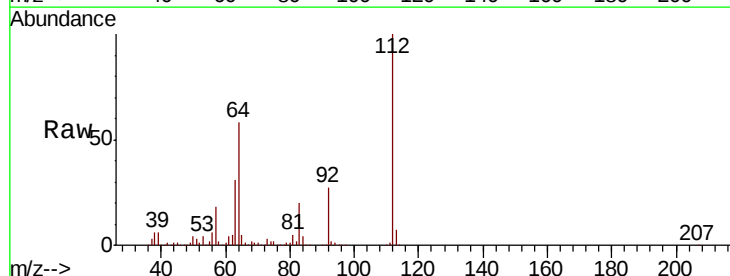
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



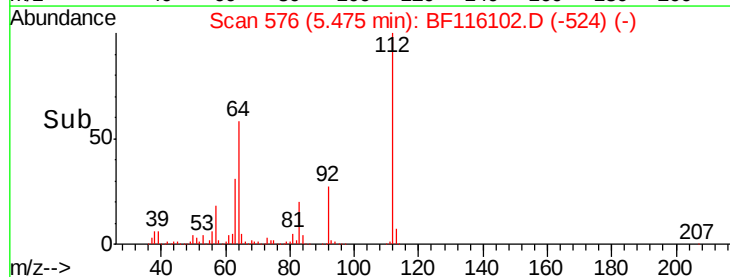
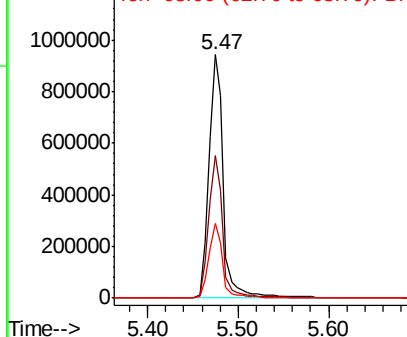
#5

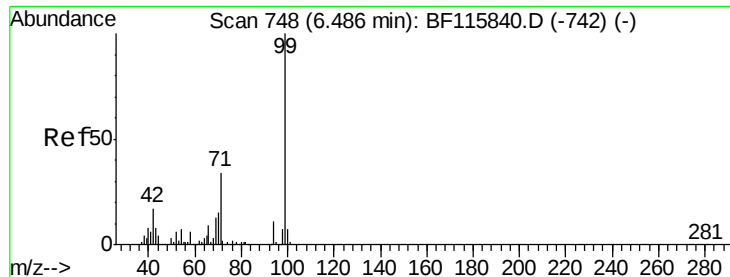
2-Fluorophenol
Concen: 118.171 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116102.D
Acq: 9 Aug 2019 10:10

Tgt Ion:112 Resp: 1066686
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 30.8 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: 121.621 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_F

ClientSampleId :

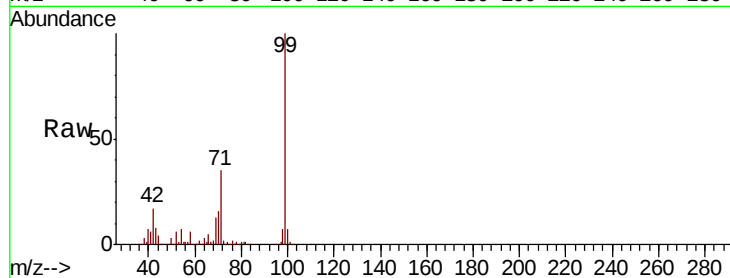
Tot Ion: 99 Resp: 1385104

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

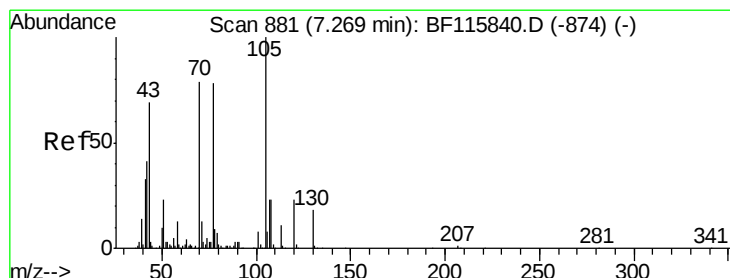
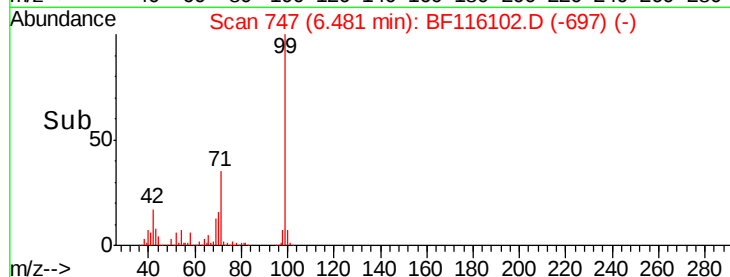
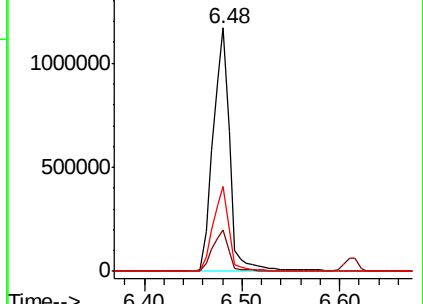
71 35.1 27.3 40.9



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: 17.161 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Tgt Ion: 70 Resp: 121107

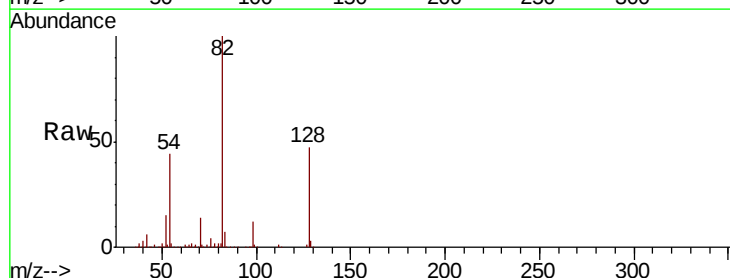
Ion Ratio Lower Upper

70 100

42 42.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

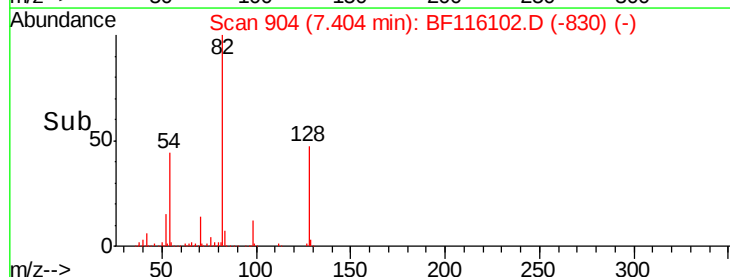
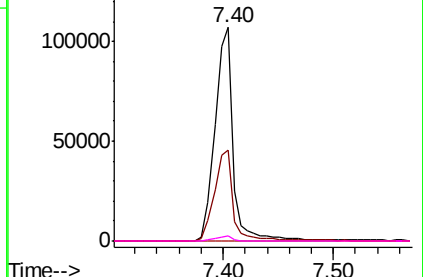


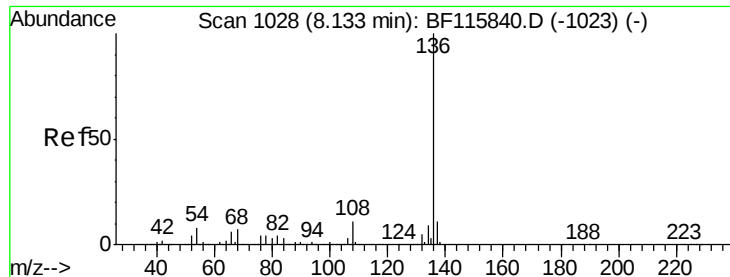
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF116102.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 587448

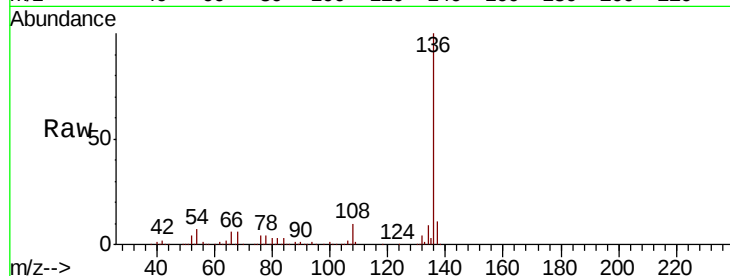
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.1 5.8 8.6

68 6.4 5.2 7.8

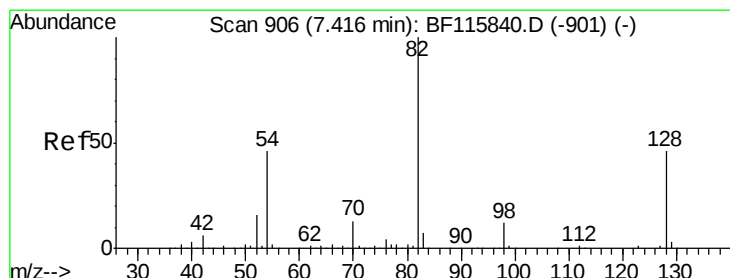
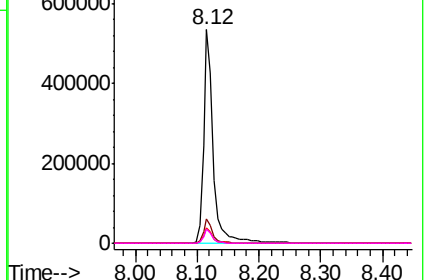
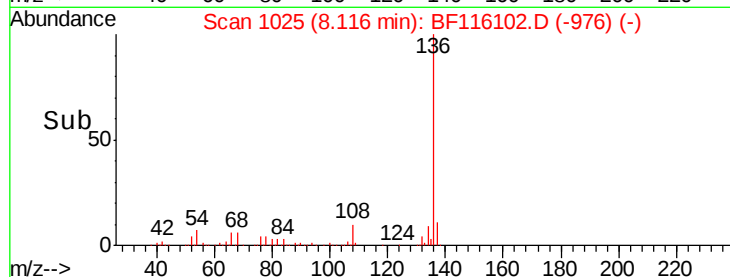


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.066 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

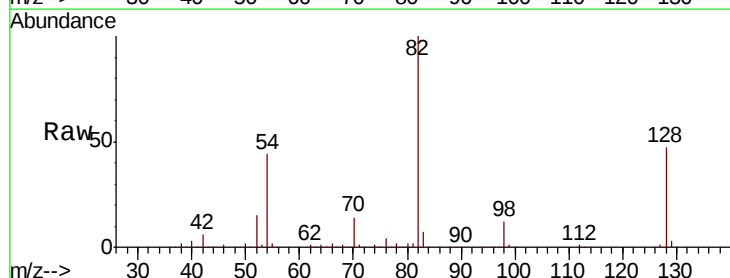
Tgt Ion: 82 Resp: 916603

Ion Ratio Lower Upper

82 100

128 47.3 36.5 54.7

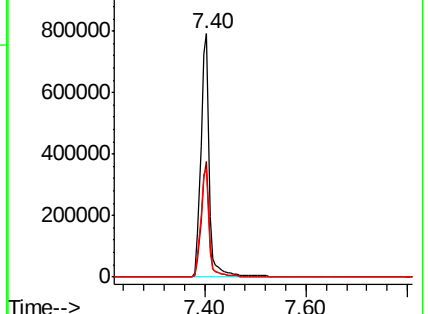
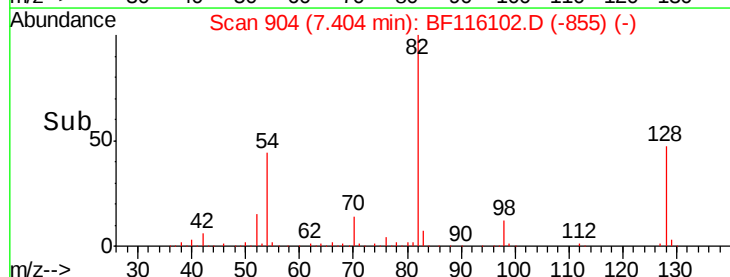
54 44.2 36.0 54.0

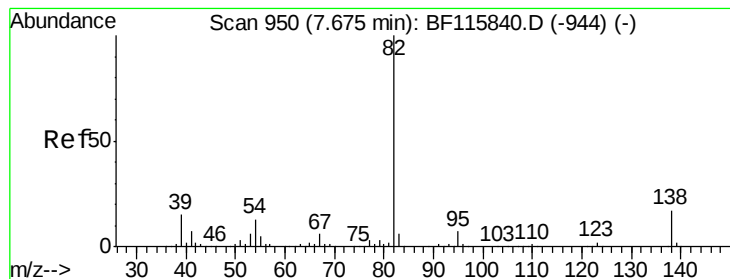


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.102 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116102.D

Acq: 9 Aug 2019 10:10

Instrument :

BNA_F

ClientSampleId :

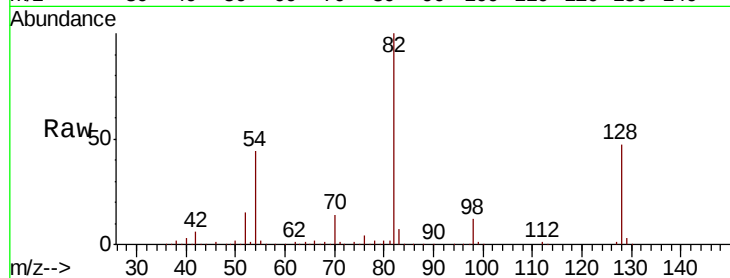
Tot Ion: 82 Resp: 916599

Ion Ratio Lower Upper

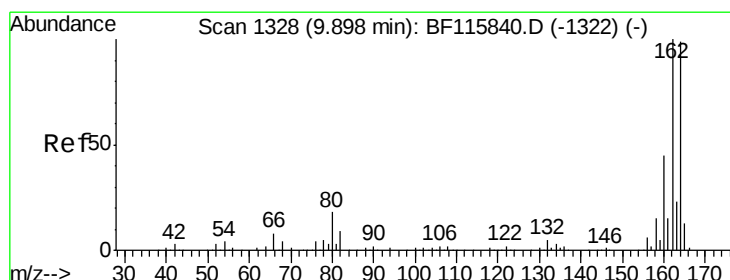
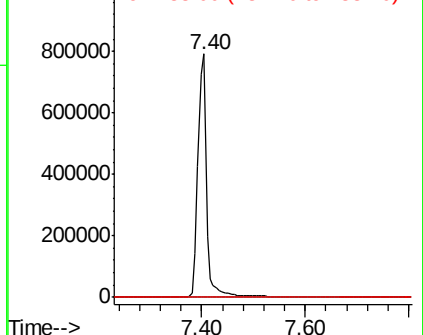
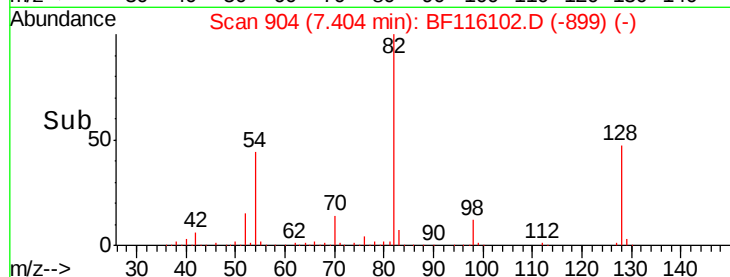
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



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: BF116102.D

Acq: 9 Aug 2019 10:10

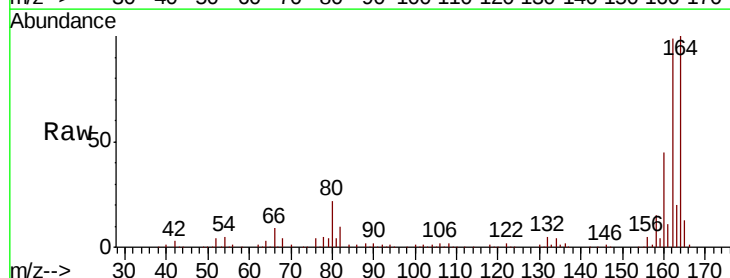
Tgt Ion: 164 Resp: 315857

Ion Ratio Lower Upper

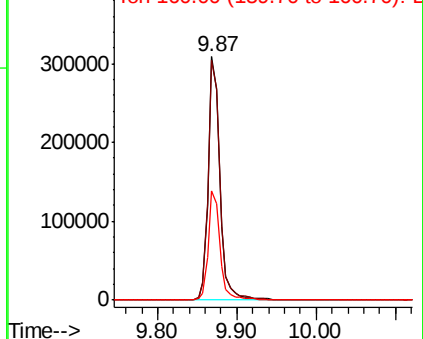
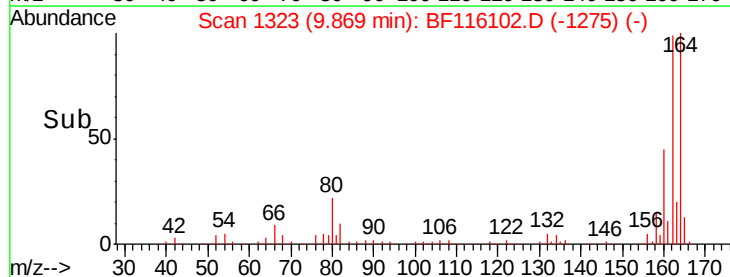
164 100

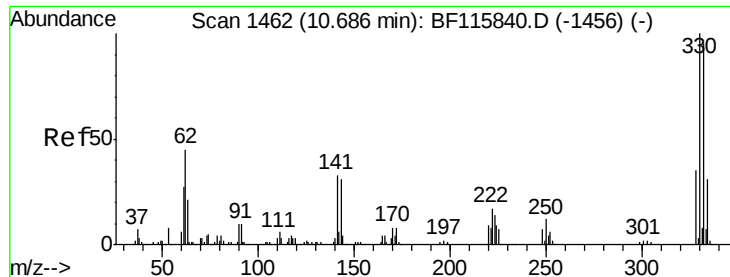
162 98.7 82.6 124.0

160 45.1 37.6 56.4



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

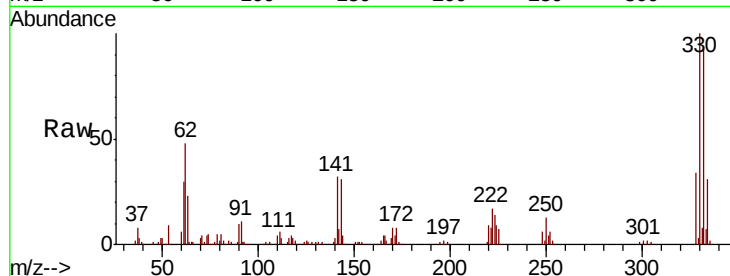




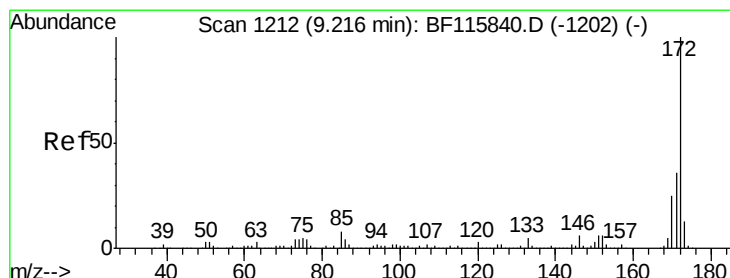
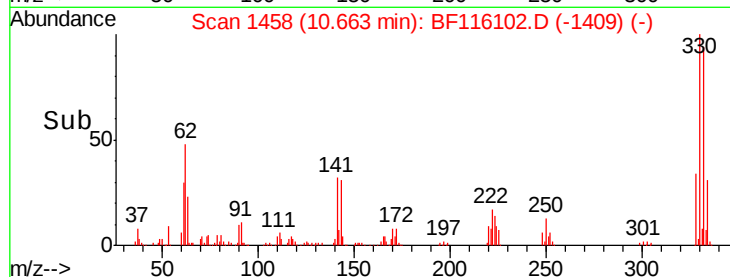
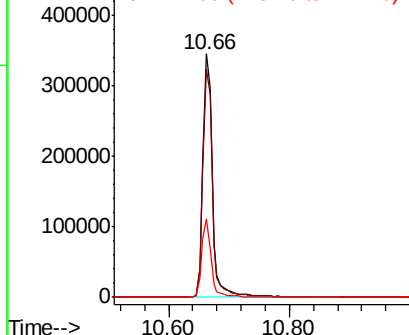
#42
 2,4,6-Tribromophenol
 Concen: 124.528 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	32.6	26.3	39.5

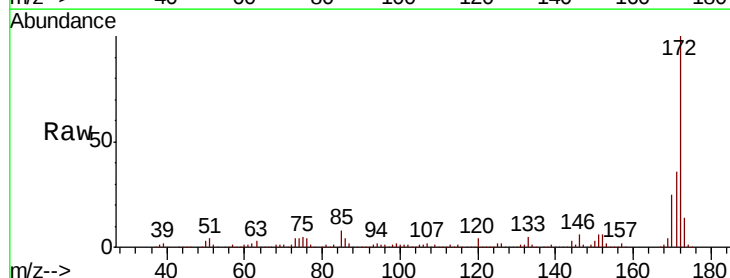


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

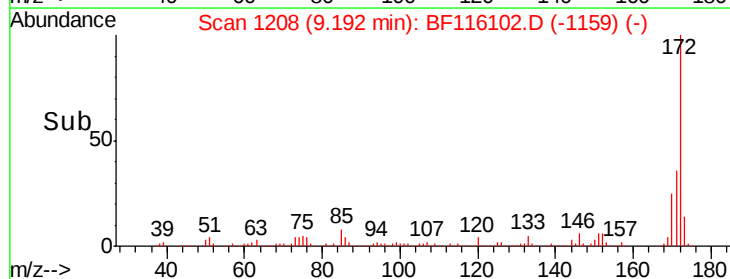
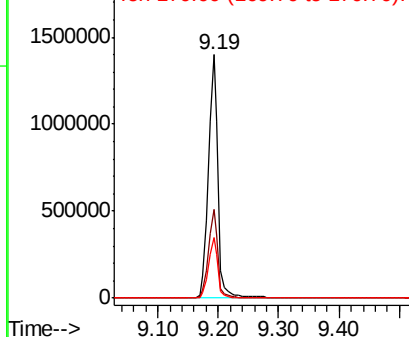


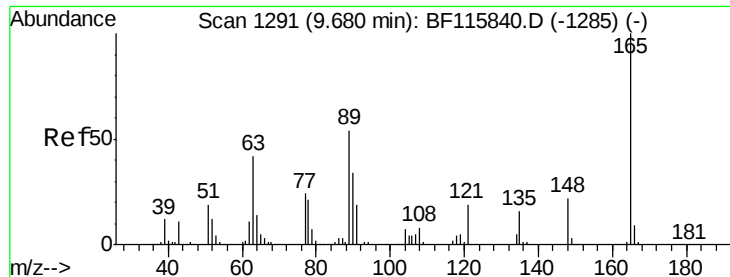
#45
 2-Fluorobiphenyl
 Concen: 93.169 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.0	20.1	30.1



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

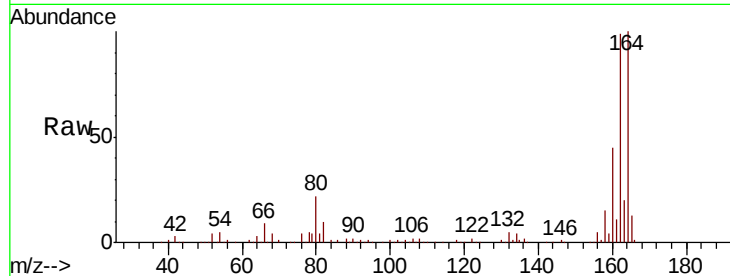




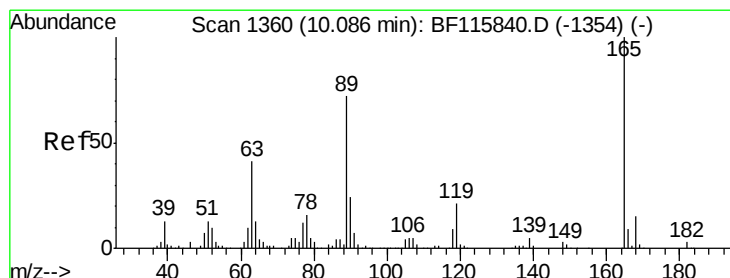
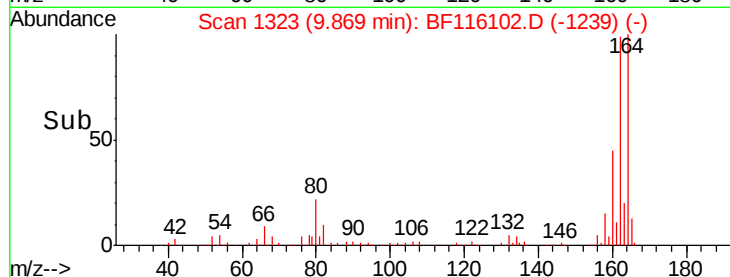
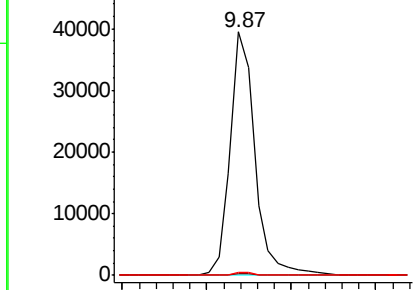
#51
 2,6-Dinitrotoluene
 Concen: 8.598 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.3	42.9	64.3#

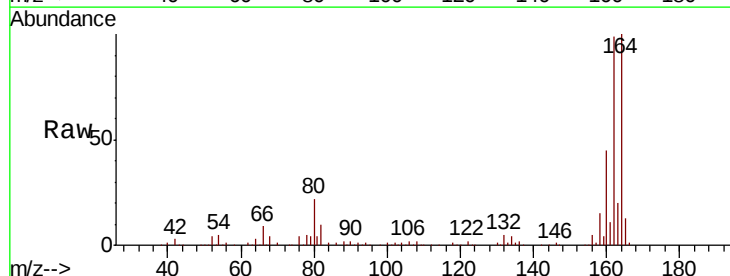


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

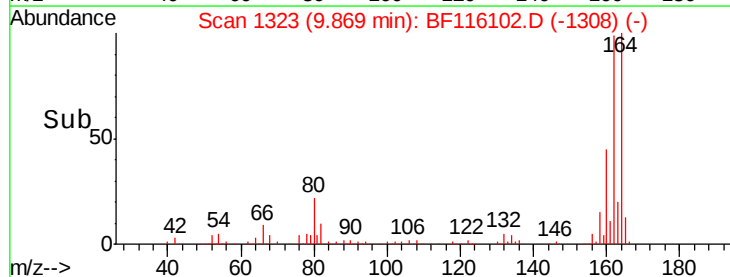
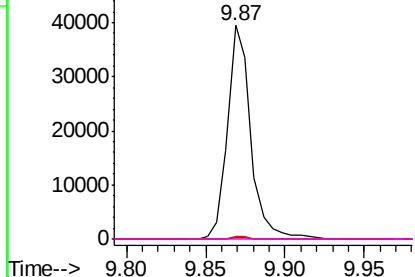


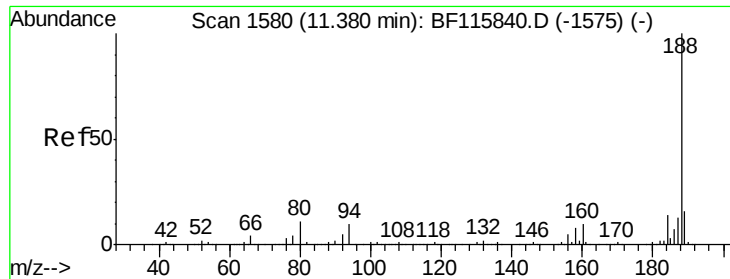
#57
 2,4-Dinitrotoluene
 Concen: 6.458 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.3	62.2	93.2#
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

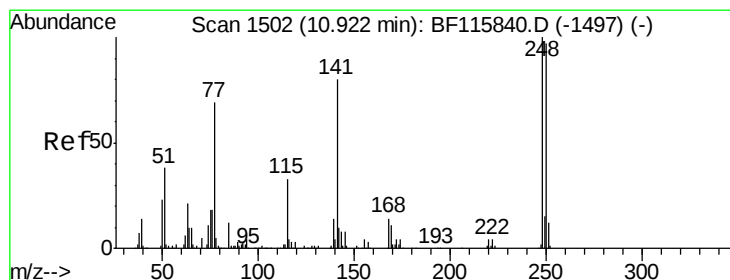
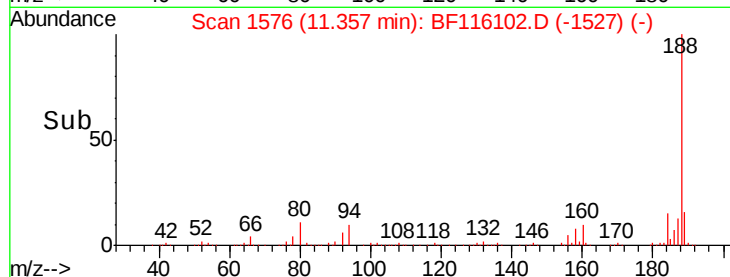
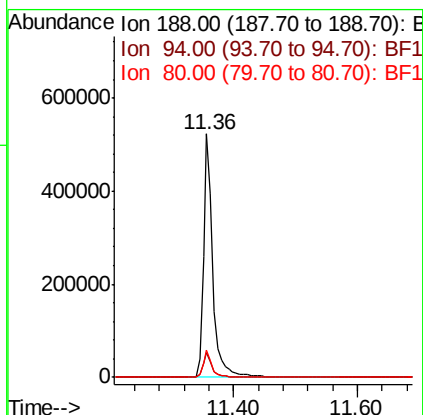
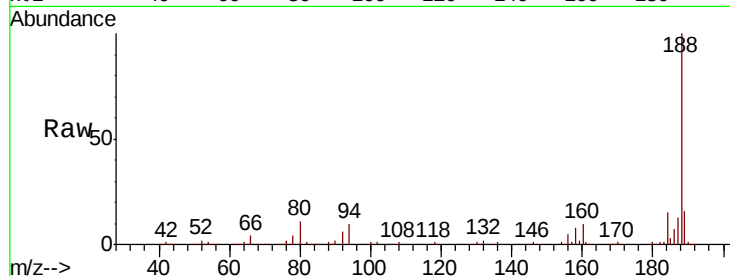




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

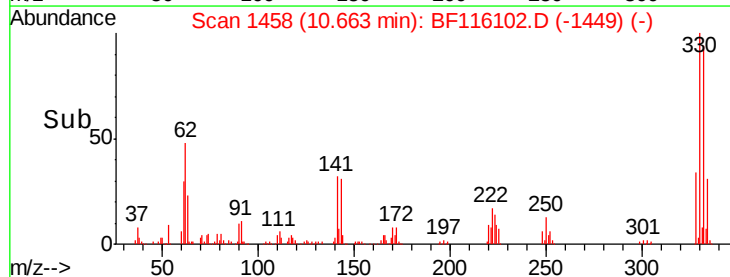
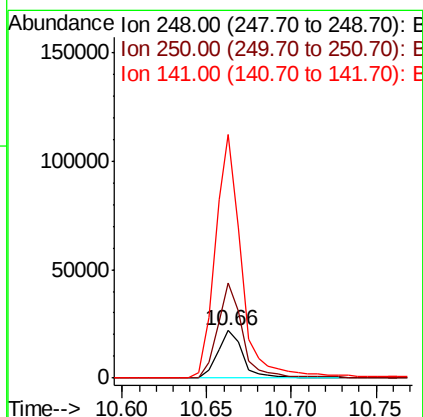
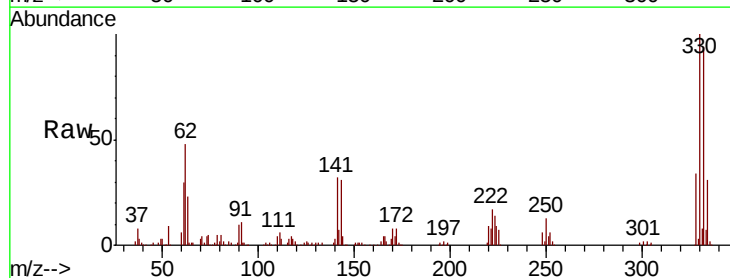
Instrument :
 BNA_F
 ClientSampleId :

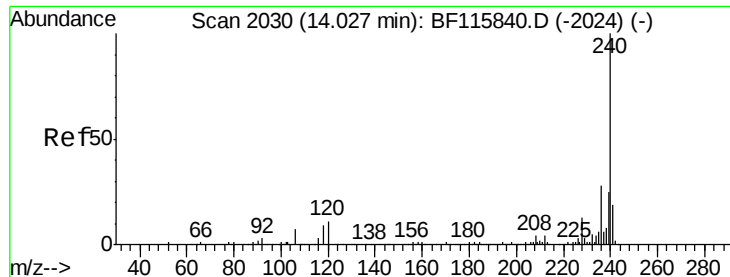
Tot Ion:188 Resp: 554200
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.1 12.1
 80 11.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.822 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:248 Resp: 22673
 Ion Ratio Lower Upper
 248 100
 250 200.2 77.4 116.2#
 141 513.5 56.8 85.2#

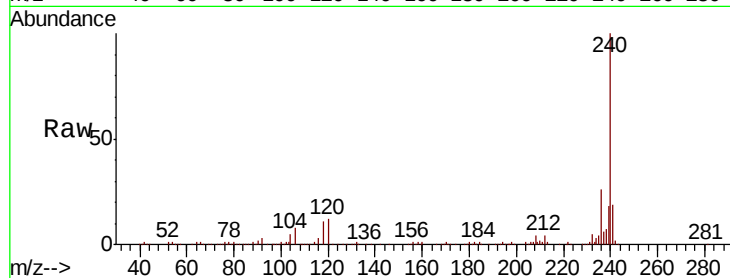




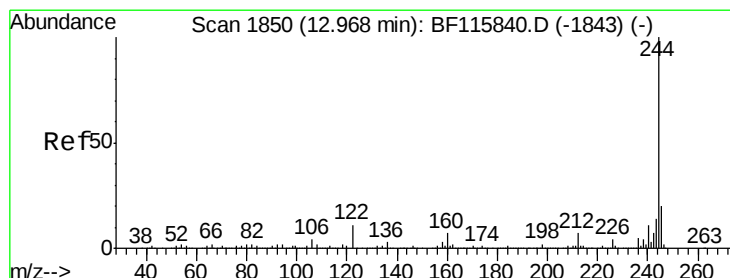
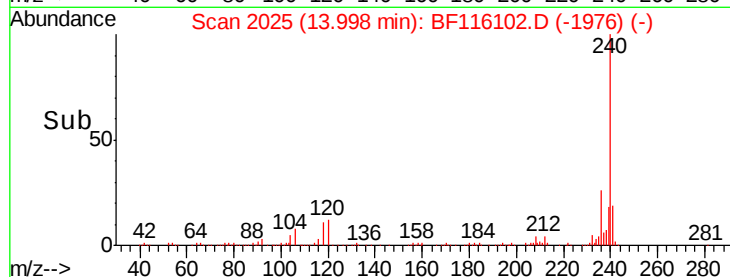
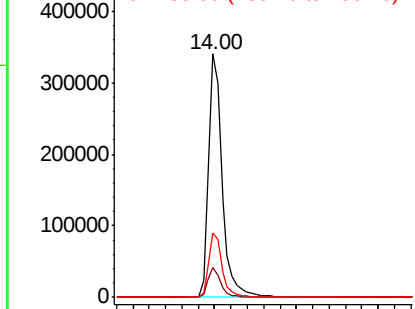
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 390759
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.7 16.1
 236 26.3 22.2 33.2

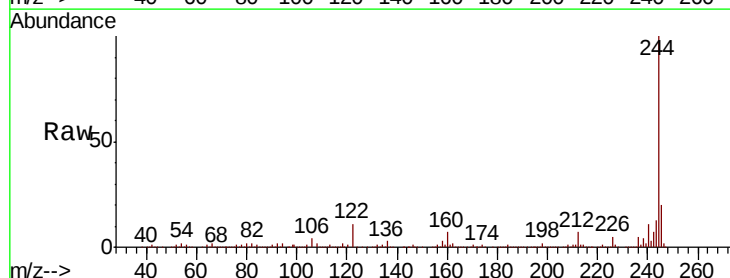


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

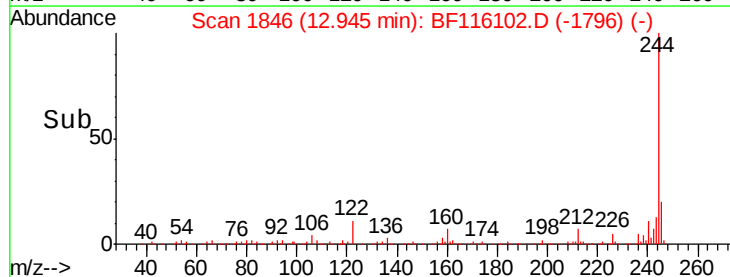
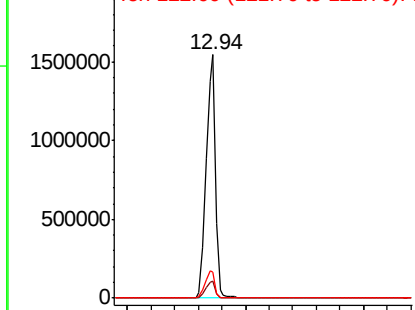


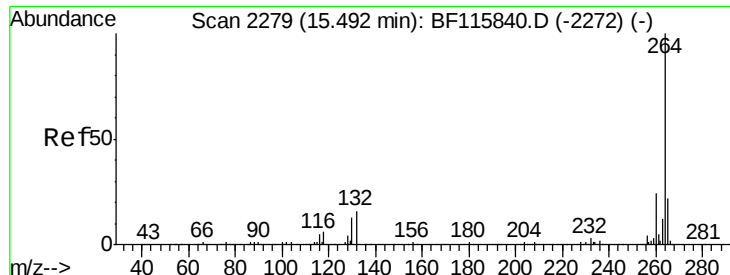
#79
 Terphenyl-d14
 Concen: 91.125 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Tgt Ion:244 Resp: 1689846
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.8 9.0 13.4



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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116102.D
 Acq: 9 Aug 2019 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	22.1	17.4	26.0

