

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116079.D
 Acq On : 8 Aug 2019 20:44
 Operator : HP/JU
 Sample : K4131-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:13:40 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

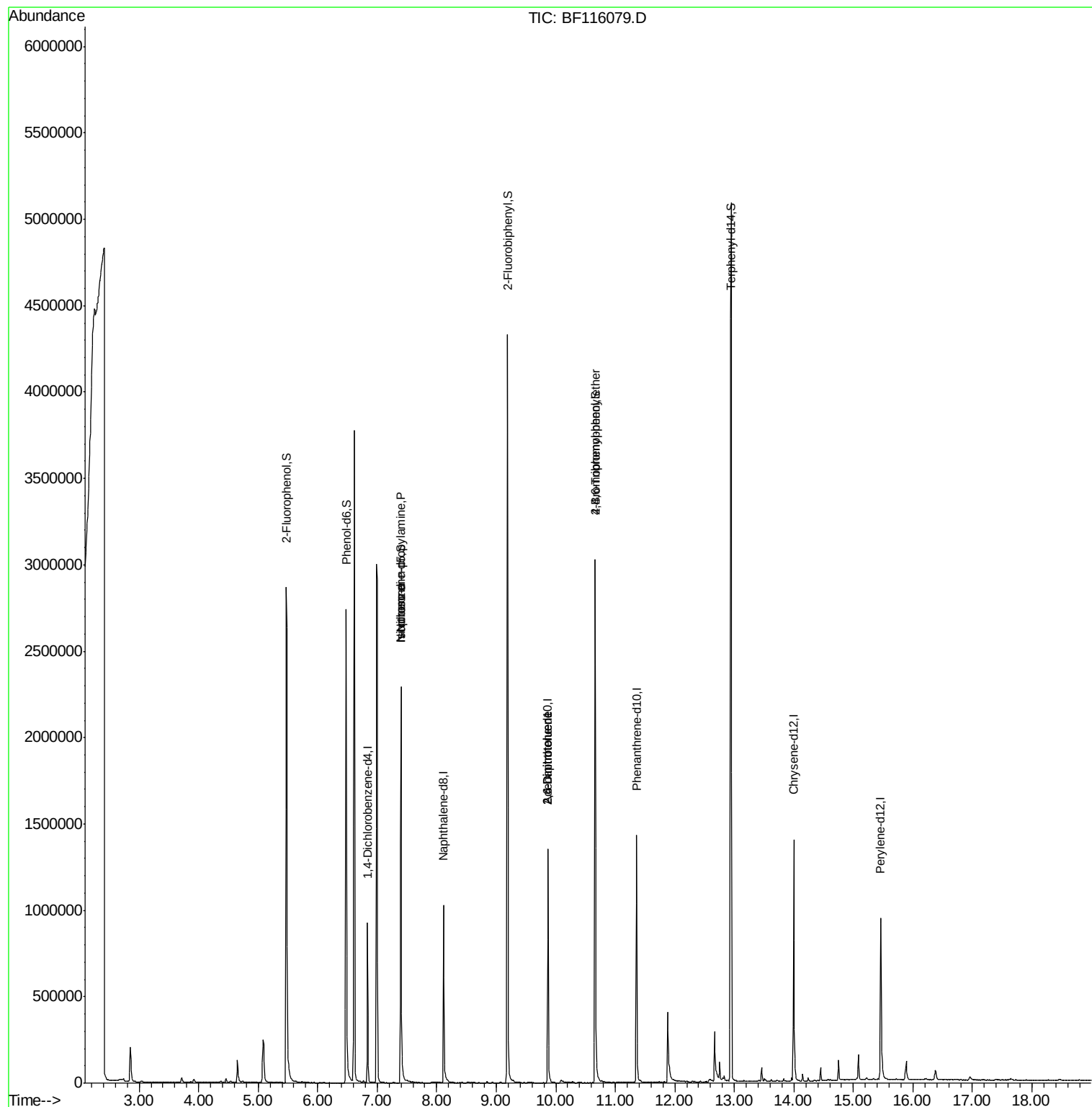
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	136462	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	525409	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	289794	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	562389	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	514283	20.00	ng	-0.01
87) Perylene-d12	15.46	264	481601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	981533	120.41	ng	0.00
7) Phenol-d6	6.48	99	1161829	112.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	910773	100.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	447814	159.39	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1563942	101.08	ng	-0.01
79) Terphenyl-d14	12.94	244	2117127	86.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	122630	19.242	ng	# 80
25) Isophorone	7.40	82	910767	52.328	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	36645	8.546	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	36645	6.419	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	26852	4.460	ng	# 1

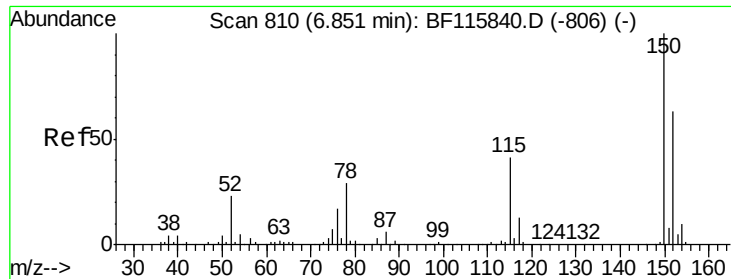
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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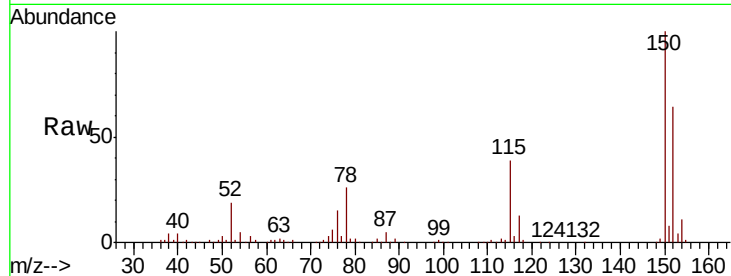


#1

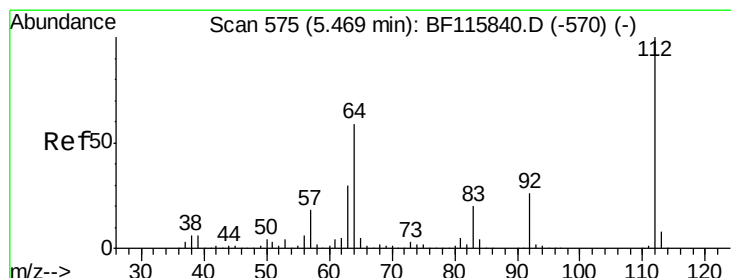
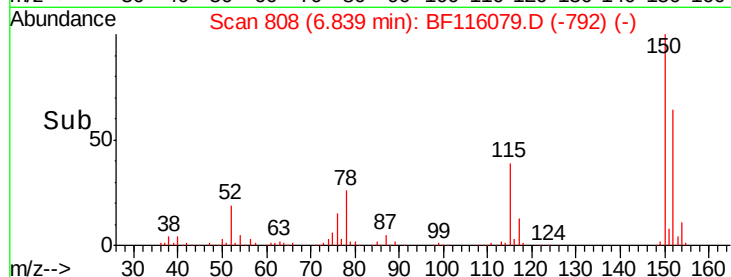
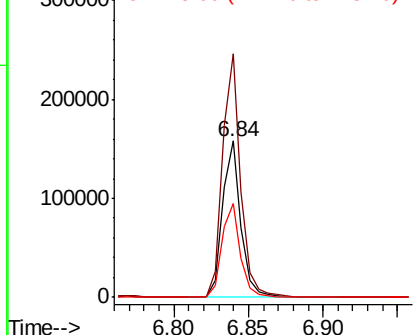
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 136462
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 60.5 49.9 74.9



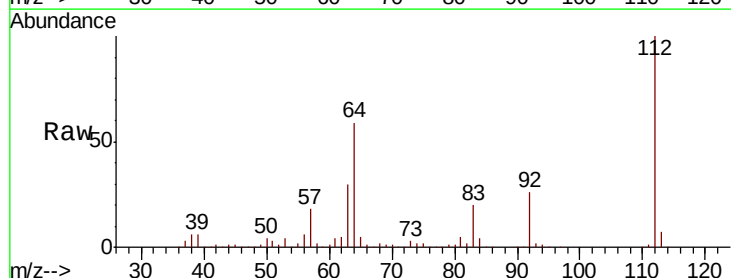
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



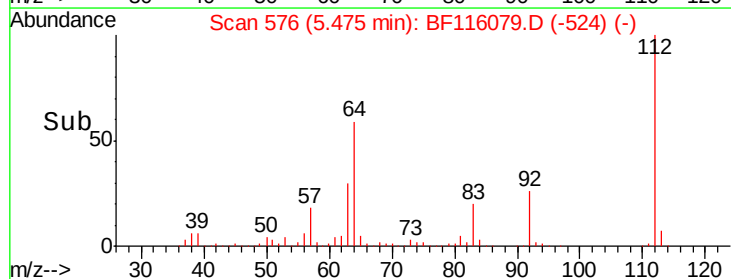
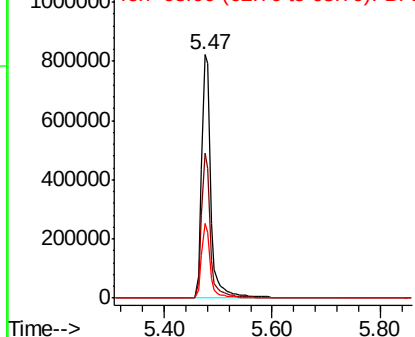
#5

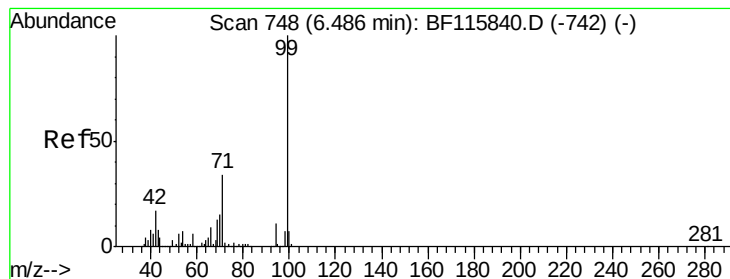
2-Fluorophenol
 Concen: 120.411 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Tgt Ion:112 Resp: 981533
 Ion Ratio Lower Upper
 112 100
 64 59.3 45.4 68.2
 63 30.4 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: 112.968 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampled :

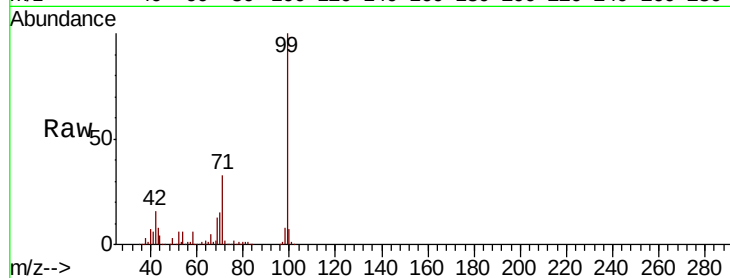
Tot Ion: 99 Resp: 1161829

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

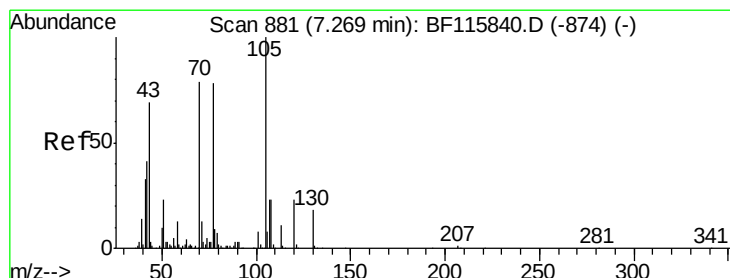
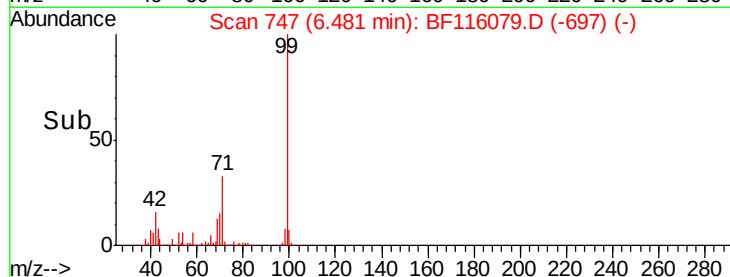
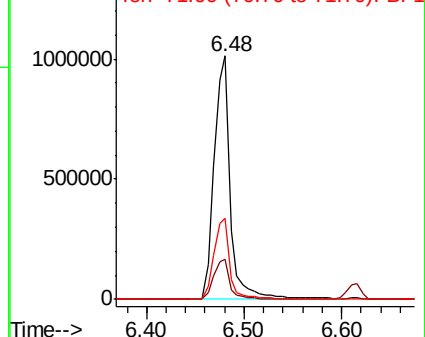
71 33.5 27.3 40.9



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: 19.242 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Tgt Ion: 70 Resp: 122630

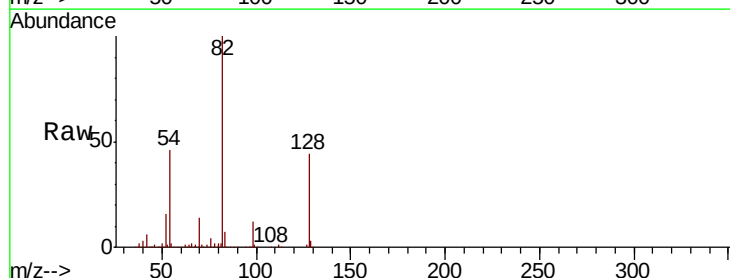
Ion Ratio Lower Upper

70 100

42 44.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#

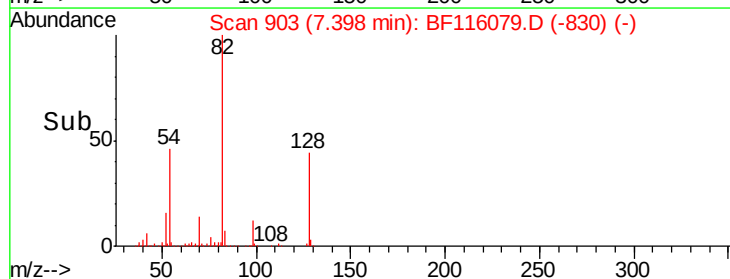
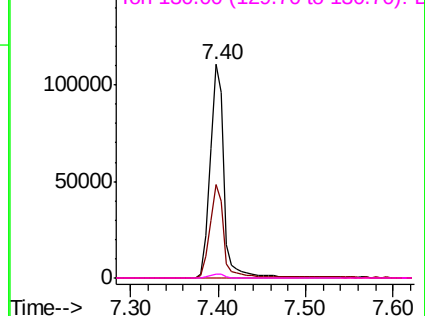


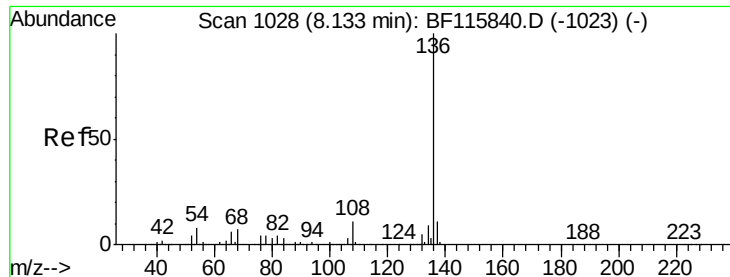
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

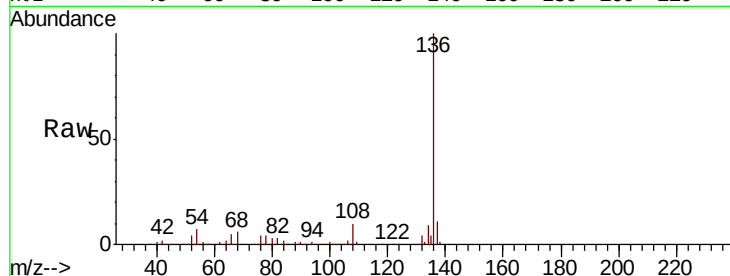




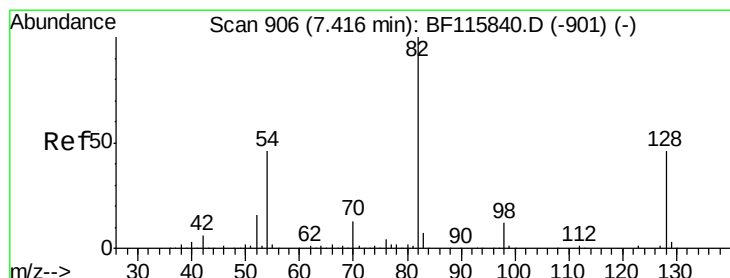
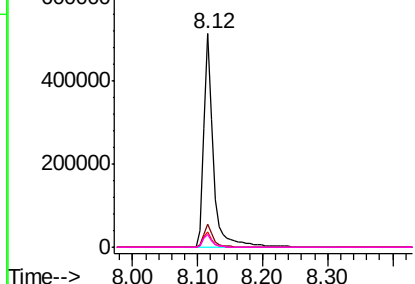
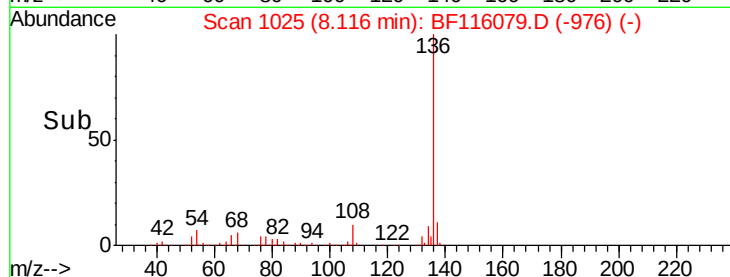
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116079.D
Acq: 8 Aug 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	525409
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.4
54	7.0	5.8 8.6
68	6.1	5.2 7.8

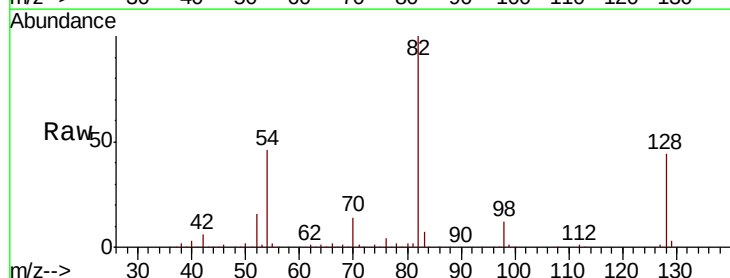


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

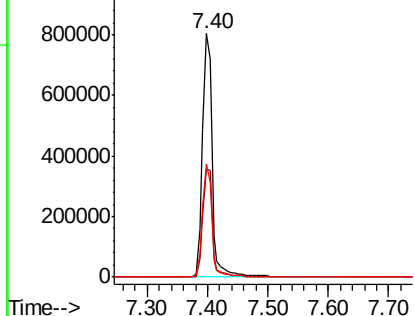
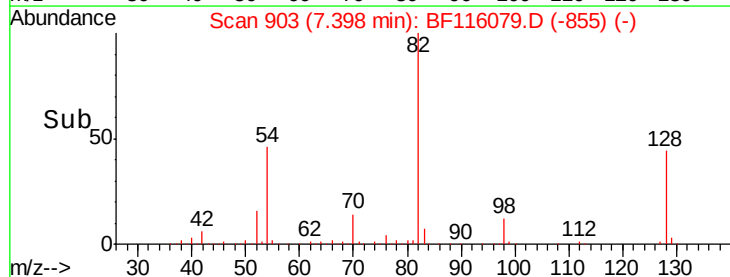


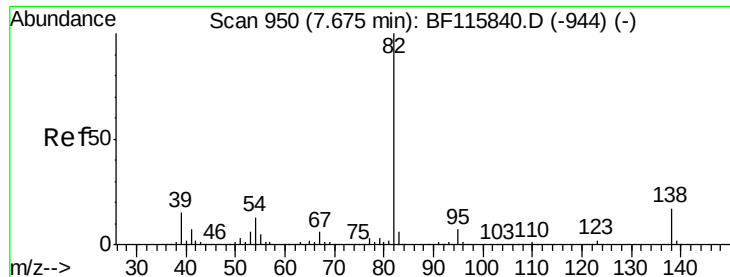
#23
Nitrobenzene-d5
Concen: 100.060 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116079.D
Acq: 8 Aug 2019 20:44

Tgt Ion: 82	Resp:	910773
Ion	Ratio	Lower Upper
82	100	
128	44.4	36.5 54.7
54	46.5	36.0 54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.328 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

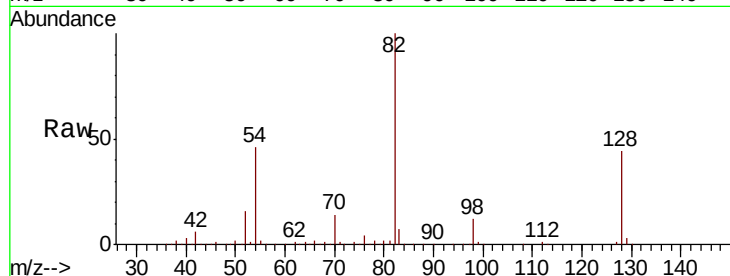
Tot Ion: 82 Resp: 910767

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

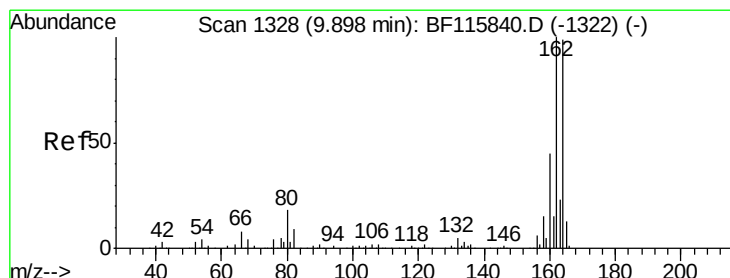
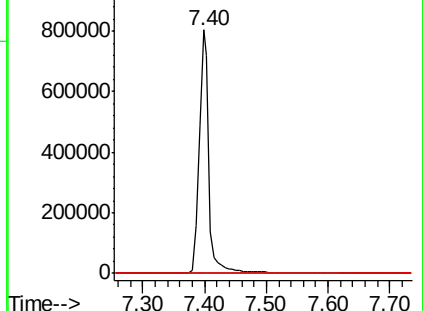
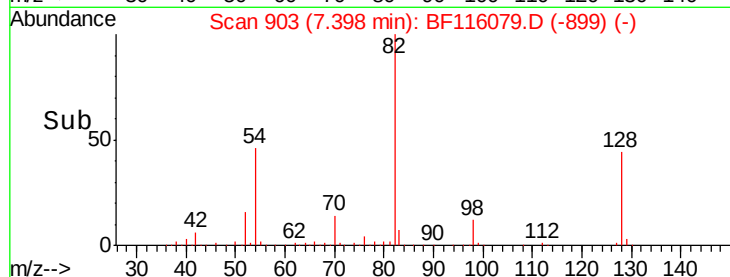
138 0.0 14.5 21.7#



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: BF116079.D

Acq: 8 Aug 2019 20:44

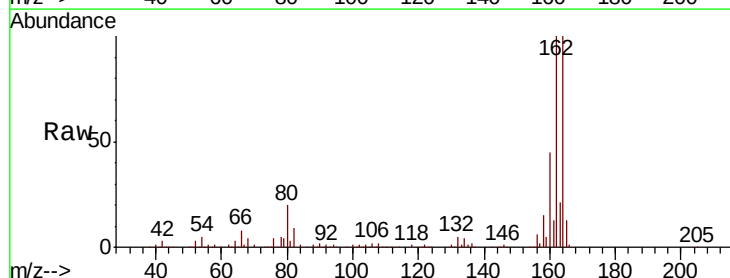
Tgt Ion:164 Resp: 289794

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

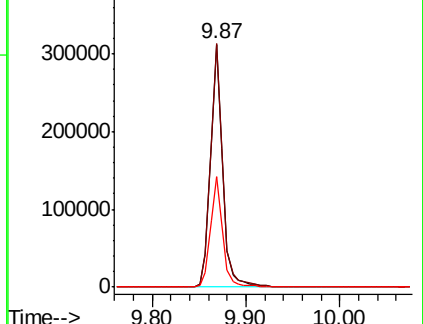
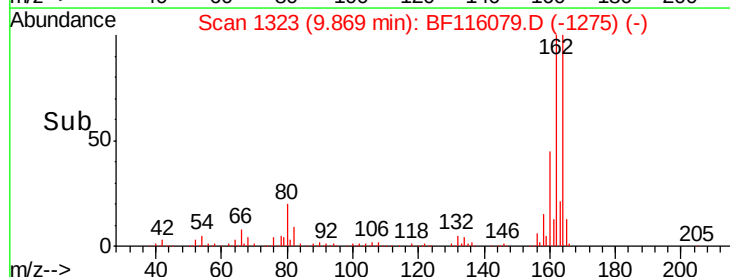
160 45.5 37.6 56.4

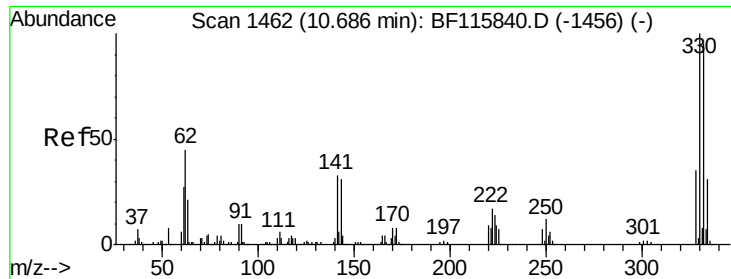


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

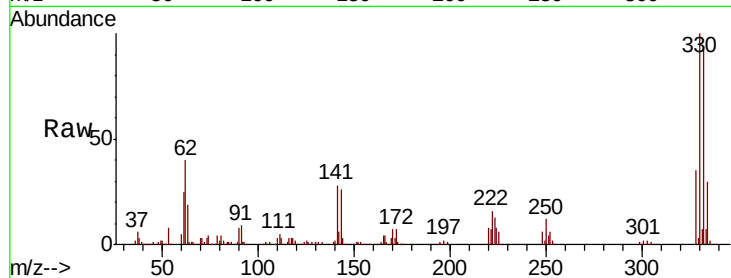




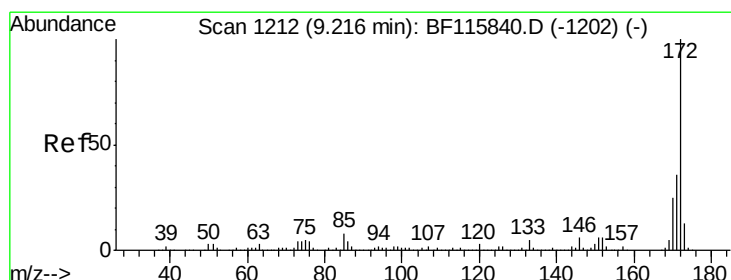
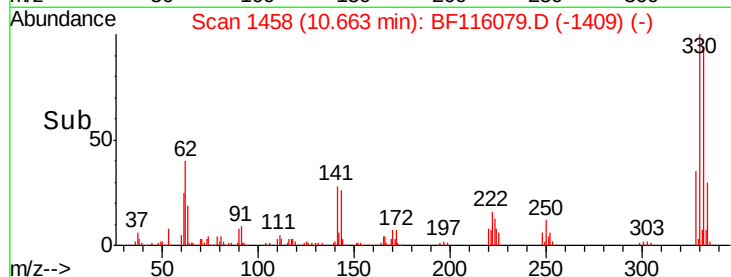
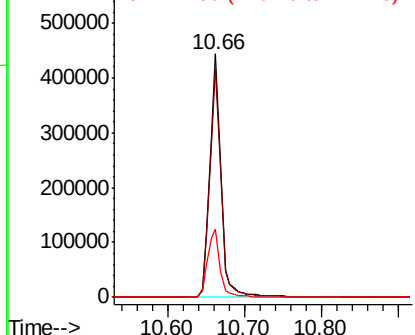
#42
 2,4,6-Tribromophenol
 Concen: 159.385 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 447814
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.8 115.2
 141 31.6 26.3 39.5

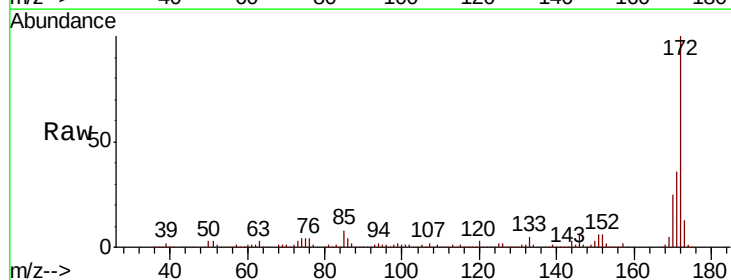


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

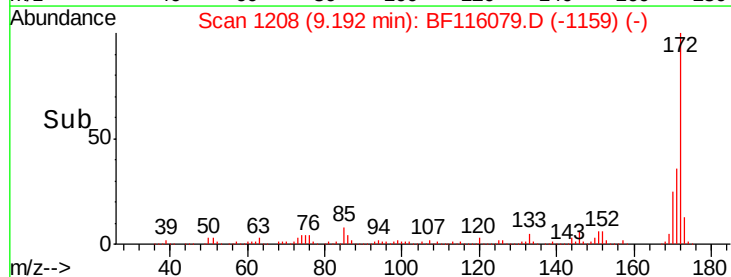
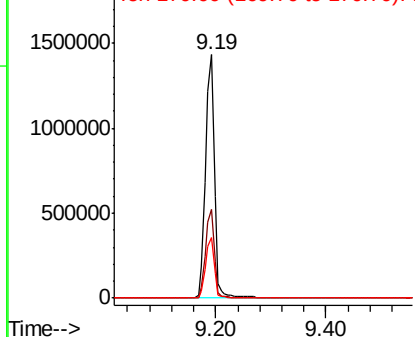


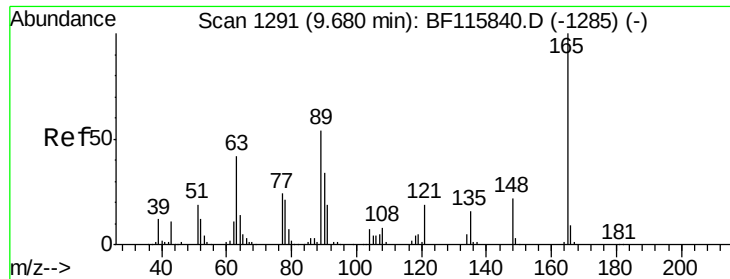
#45
 2-Fluorobiphenyl
 Concen: 101.085 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Tgt Ion:172 Resp: 1563942
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 8.546 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.19 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Instrument :

BNA_F

ClientSampleId :

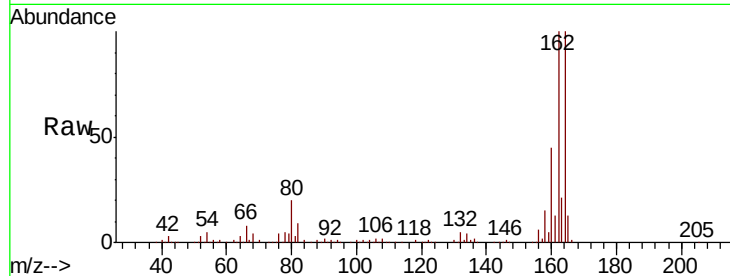
Tot Ion:165 Resp: 36645

Ion Ratio Lower Upper

165 100

63 1.6 38.2 57.2#

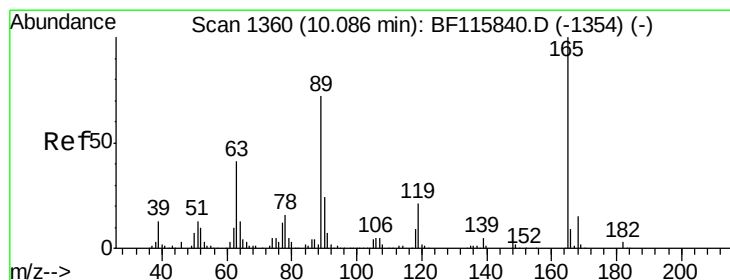
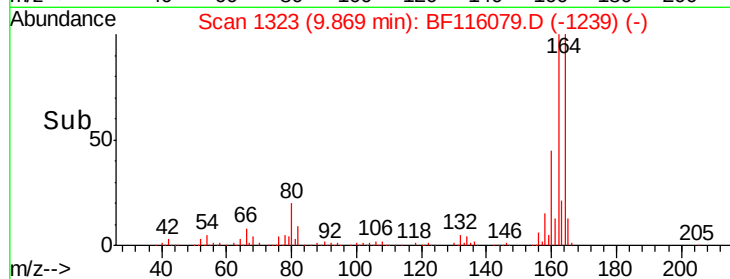
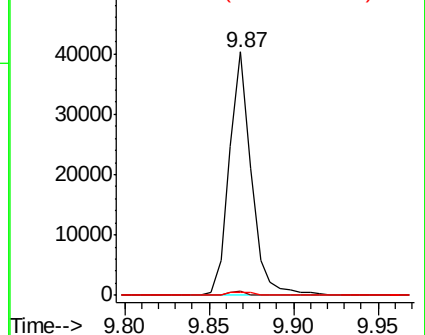
89 1.3 42.9 64.3#



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: 6.419 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116079.D

Acq: 8 Aug 2019 20:44

Tgt Ion:165 Resp: 36645

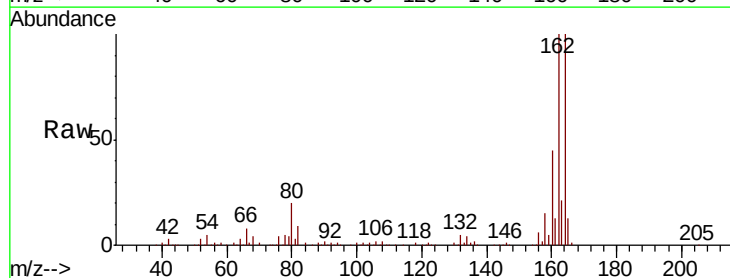
Ion Ratio Lower Upper

165 100

63 1.6 39.6 59.4#

89 1.3 62.2 93.2#

182 0.0 2.1 3.1#

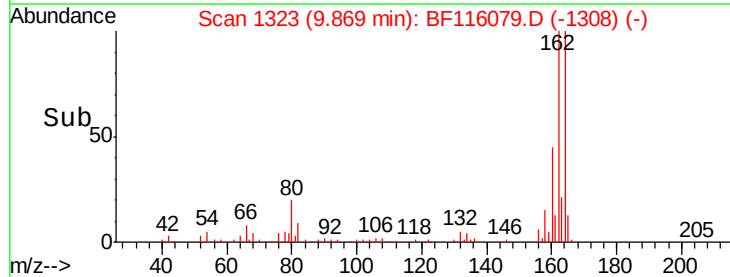
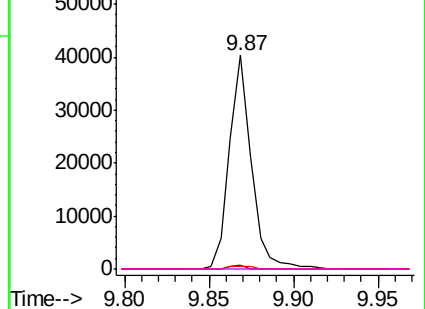


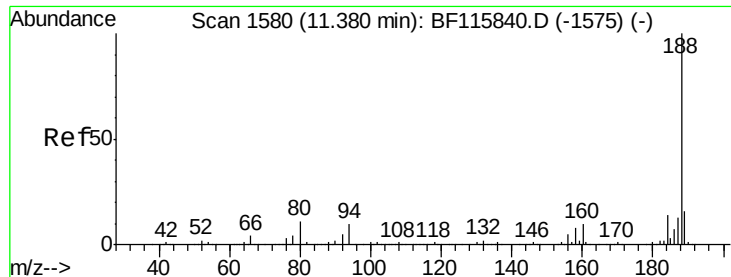
Abundance Ion 165.00 (164.70 to 165.70): E

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

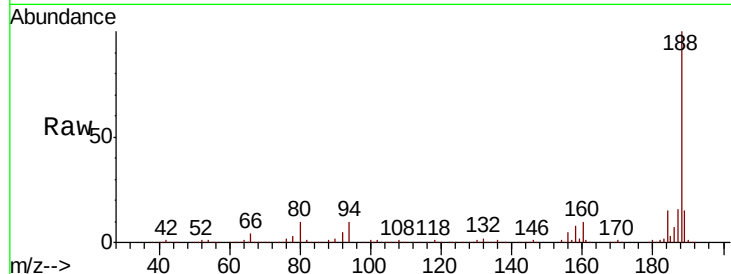




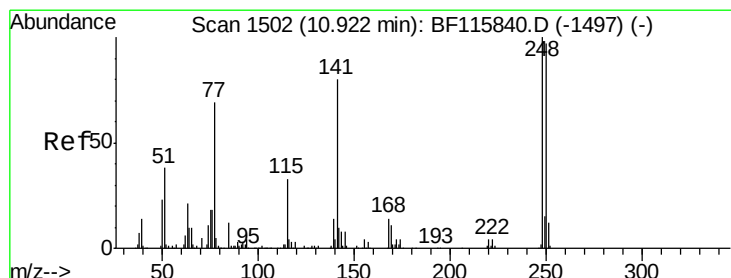
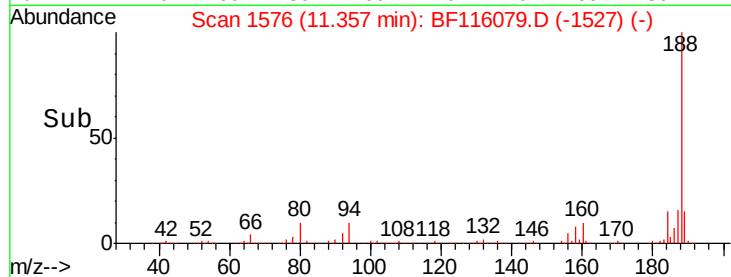
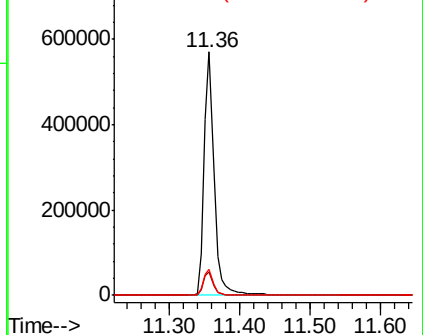
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 562389
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.1 12.1
 80 10.4 8.7 13.1

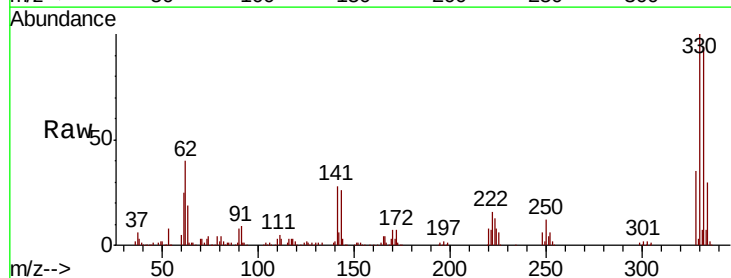


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

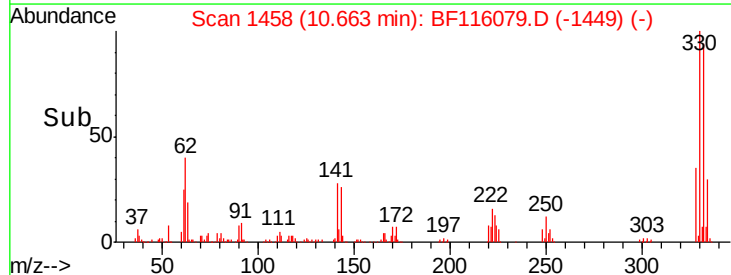
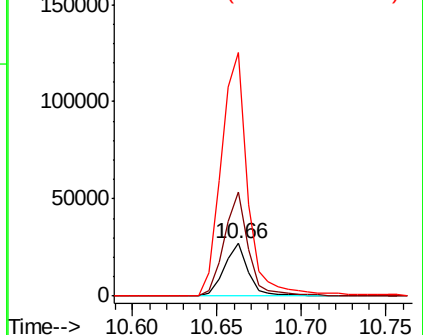


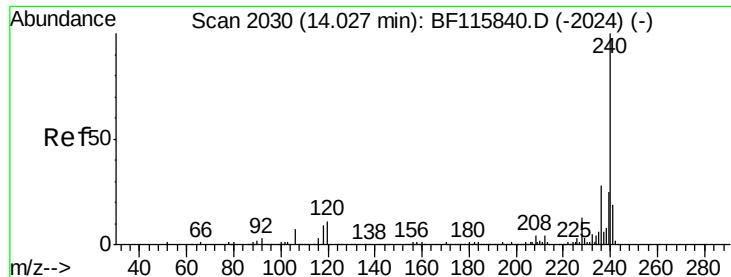
#67
 4-Bromophenyl-phenylether
 Concen: 4.460 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Tgt Ion:248 Resp: 26852
 Ion Ratio Lower Upper
 248 100
 250 197.0 77.4 116.2#
 141 461.3 56.8 85.2#



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

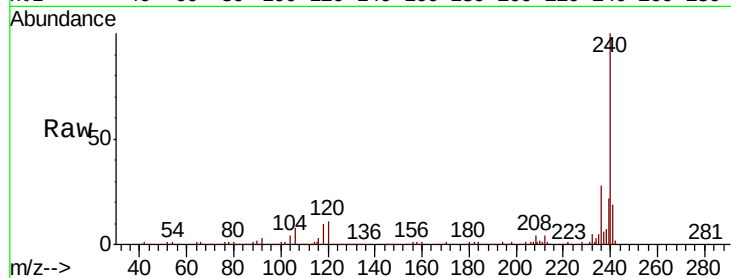




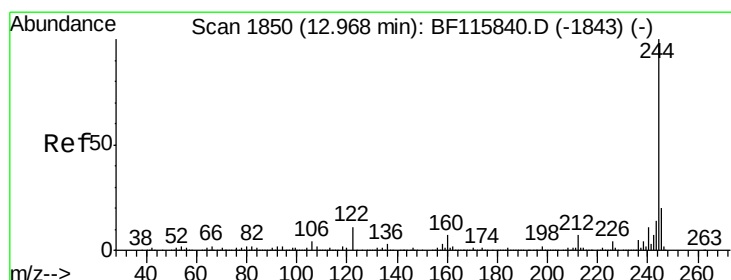
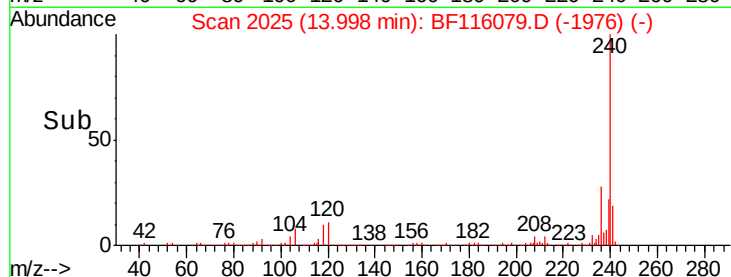
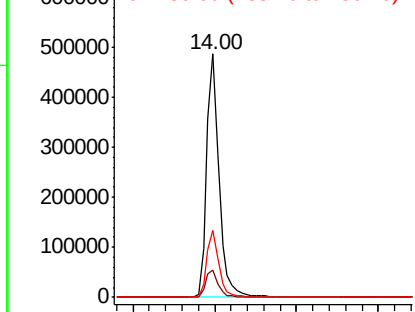
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116079.D
Acq: 8 Aug 2019 20:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 514283
Ion Ratio Lower Upper
240 100
120 11.4 10.7 16.1
236 27.6 22.2 33.2

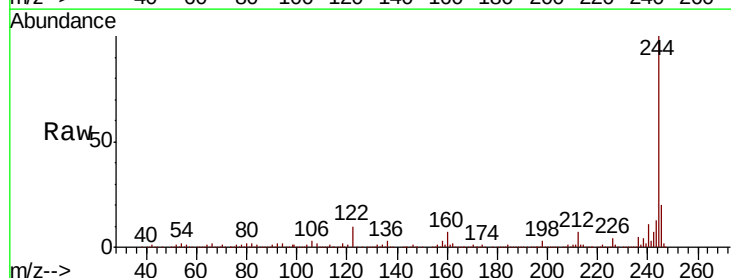


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

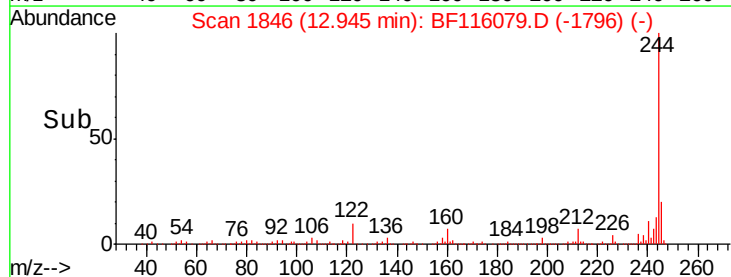
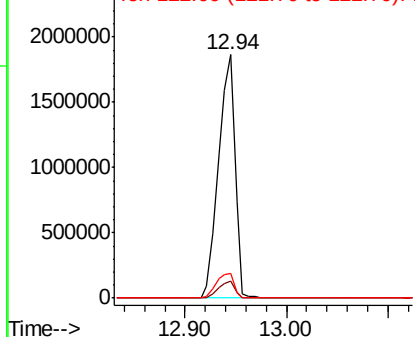


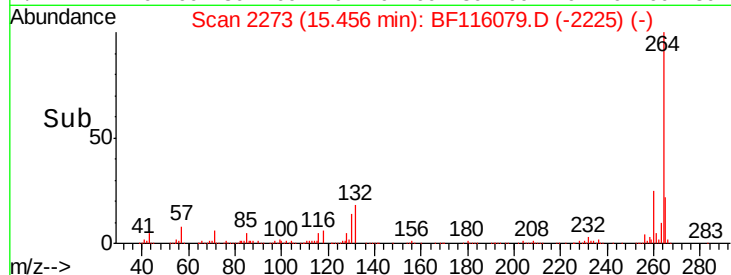
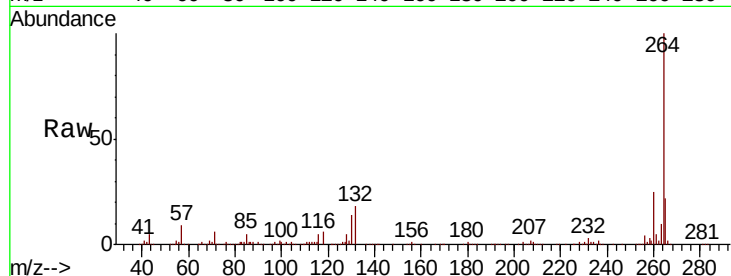
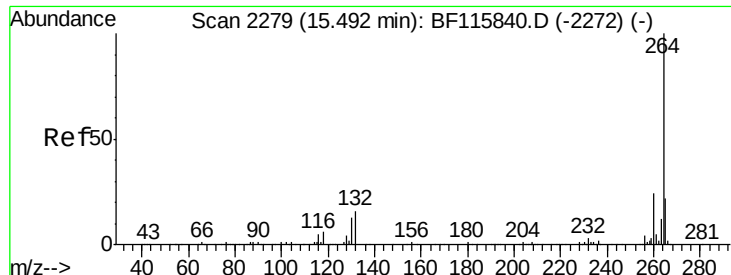
#79
Terphenyl-d14
Concen: 86.745 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116079.D
Acq: 8 Aug 2019 20:44

Tgt Ion:244 Resp: 2117127
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.0 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# 2273
 Delta R.T. -0.02 min
 Lab File: BF116079.D
 Acq: 8 Aug 2019 20:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	481601
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.9	17.4	26.0

