

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116198.D
 Acq On : 12 Aug 2019 19:37
 Operator : HP/JU
 Sample : K4090-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Quant Time: Aug 13 01:06:35 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

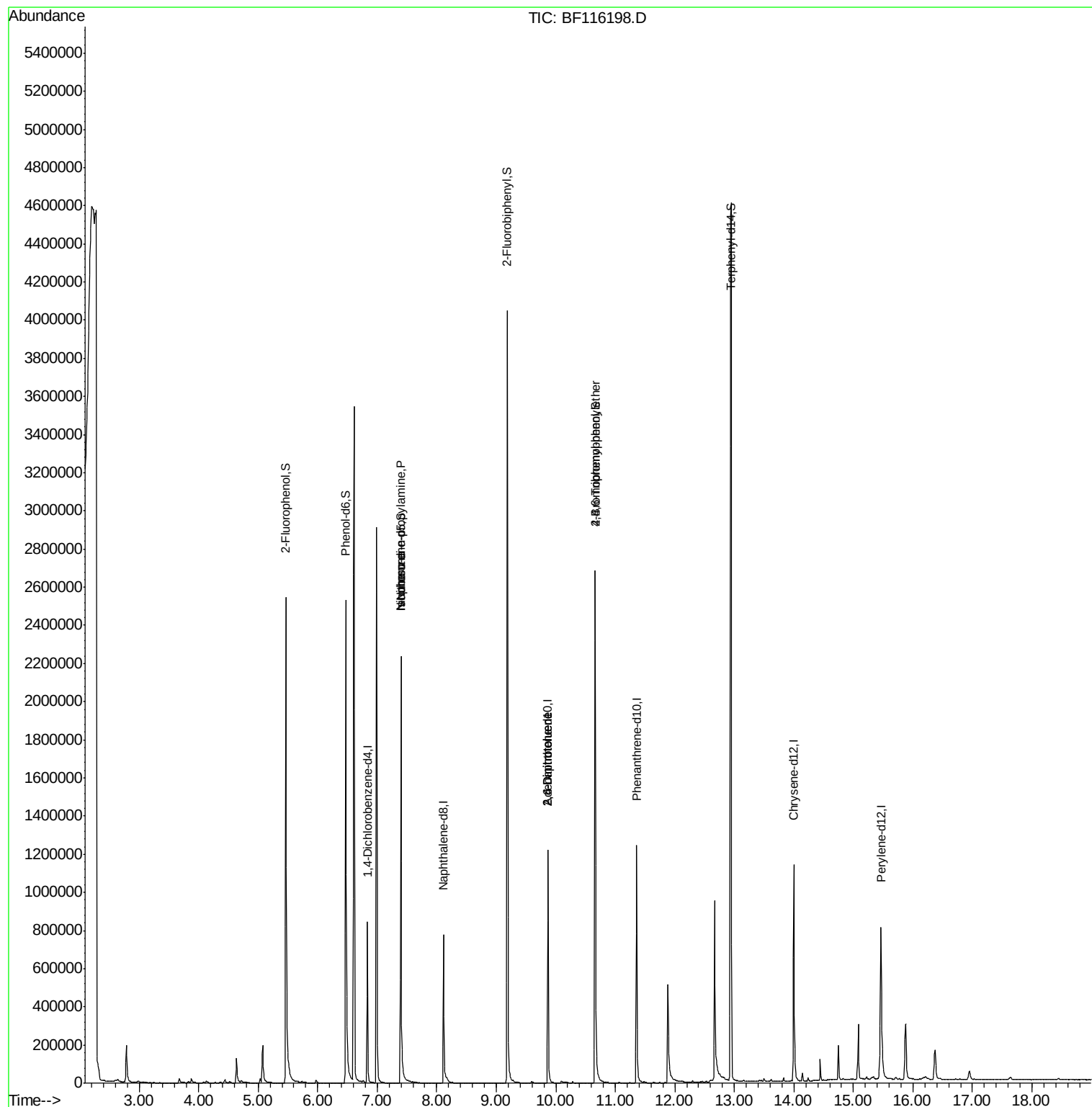
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123444	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	476507	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	261507	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	508814	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	436273	20.00	ng	-0.01
87) Perylene-d12	15.47	264	414068	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	904537	122.67	ng	0.00
7) Phenol-d6	6.47	99	1069083	114.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	840752	101.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	412028	162.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1467229	105.09	ng	-0.02
79) Terphenyl-d14	12.94	244	1958861	94.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	108936	18.896	ng	# 80
25) Isophorone	7.40	82	840748	53.263	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	33157	8.569	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	33157	6.436	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	24904	4.572	ng	# 1

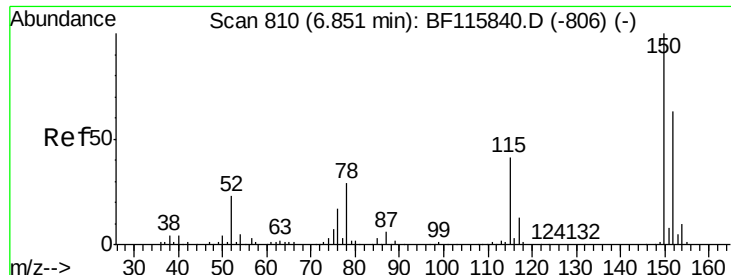
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116198.D
Acq On : 12 Aug 2019 19:37
Operator : HP/JU
Sample : K4090-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Quant Time: Aug 13 01:06:35 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



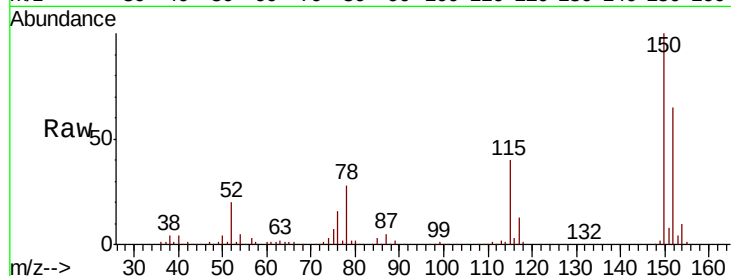


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	61.6	49.9	74.9

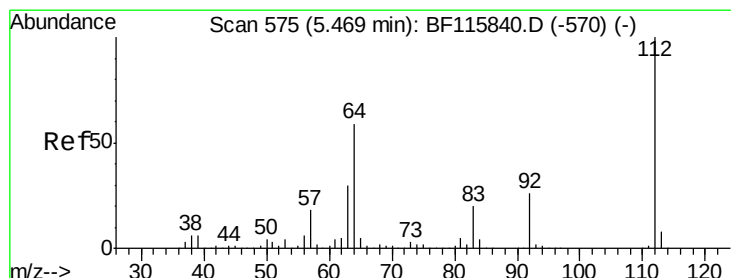
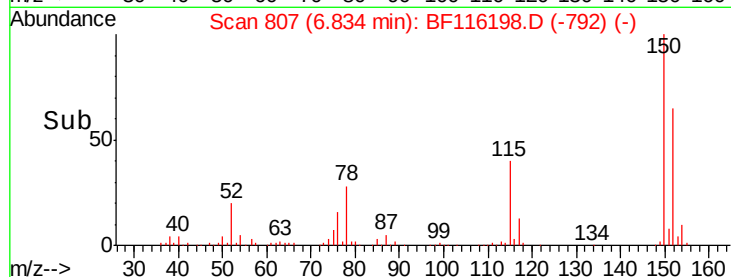
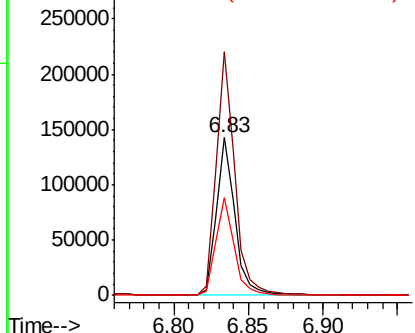


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

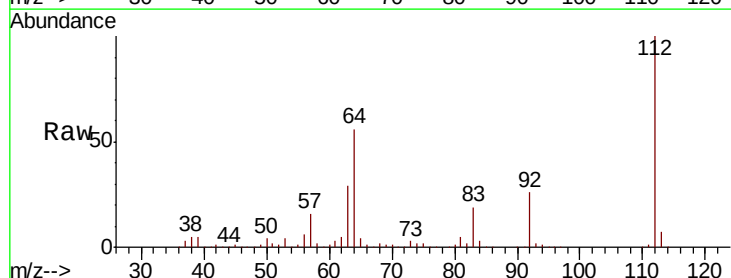
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.667 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	29.0	23.7	35.5

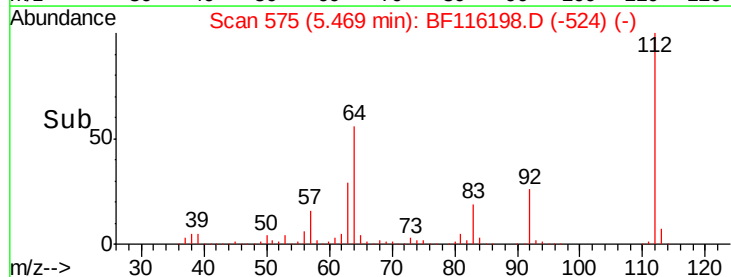
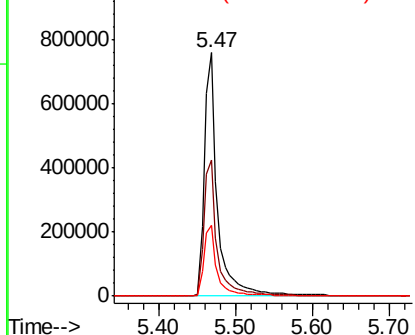


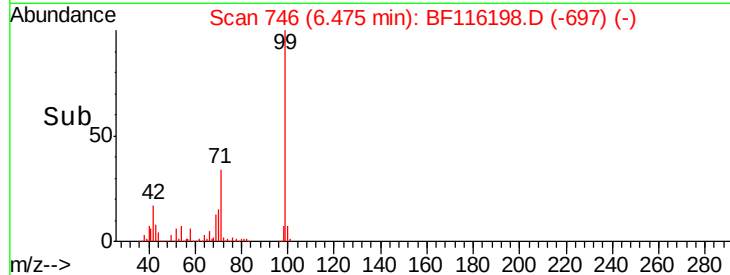
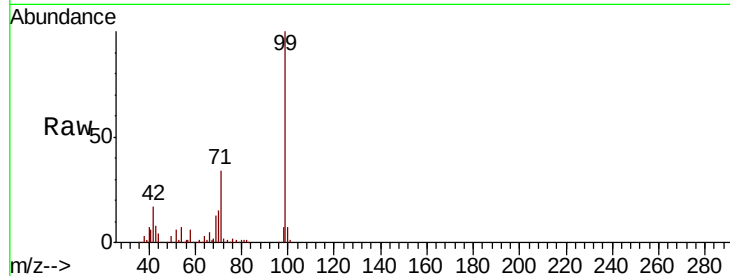
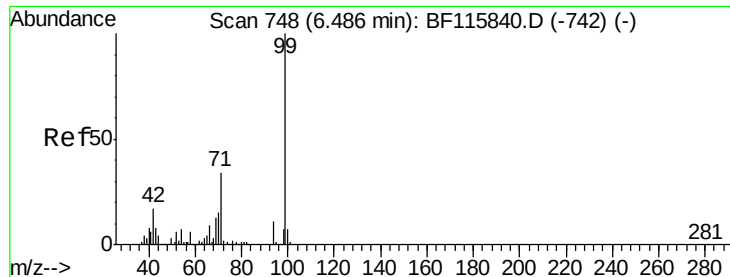
Abundance

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: 114.912 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

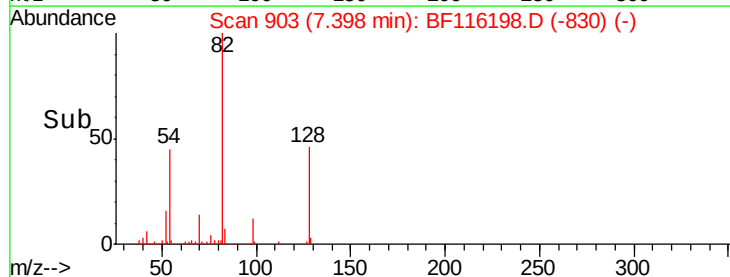
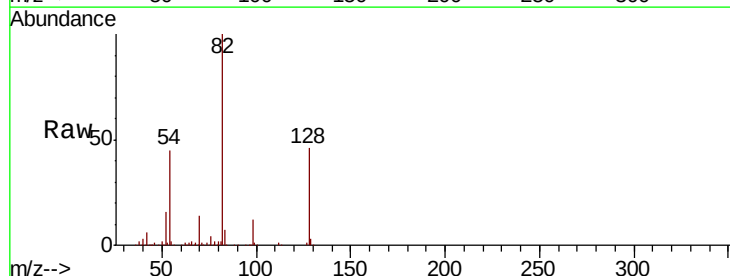
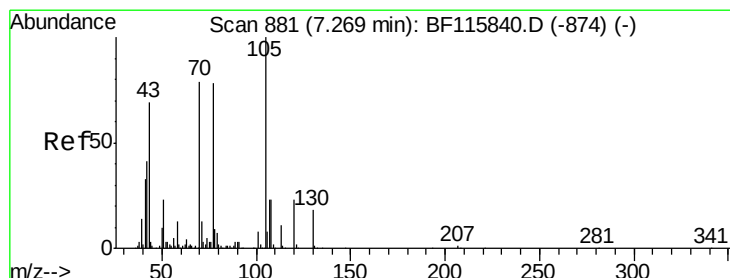
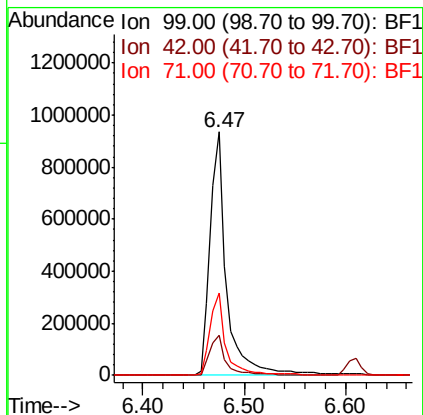
Tot Ion: 99 Resp: 1069083

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 33.8 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.896 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Tgt Ion: 70 Resp: 108936

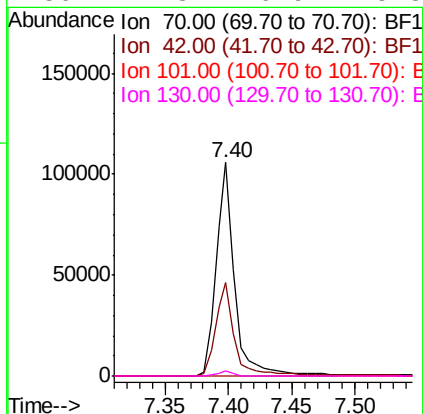
Ion Ratio Lower Upper

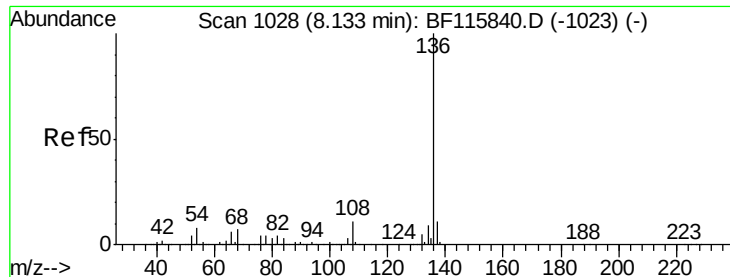
70 100

42 43.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

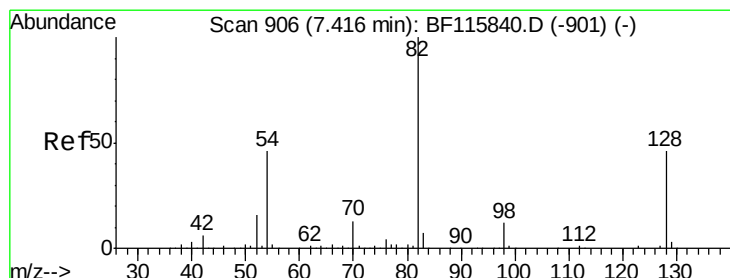
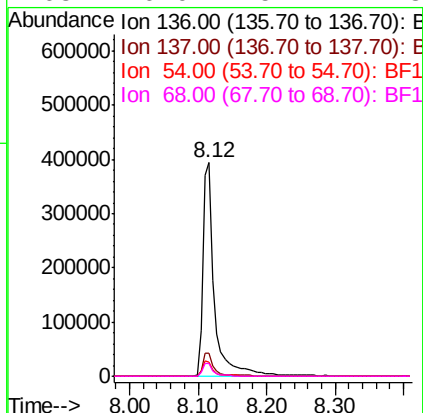
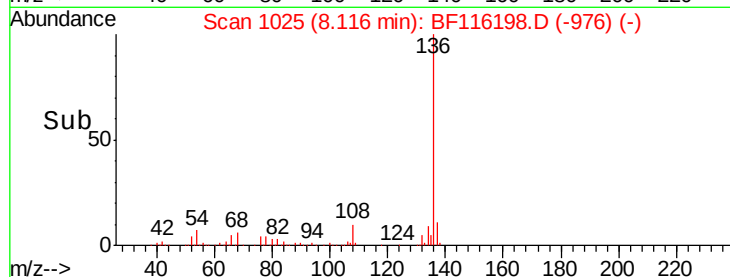
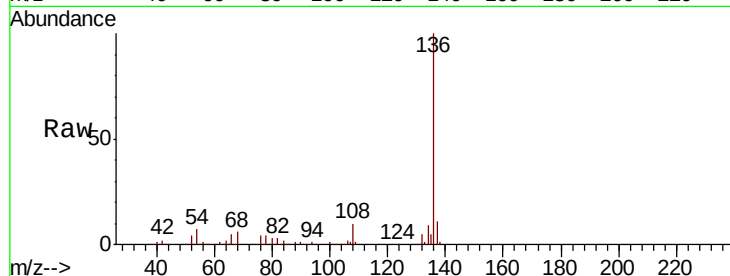




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

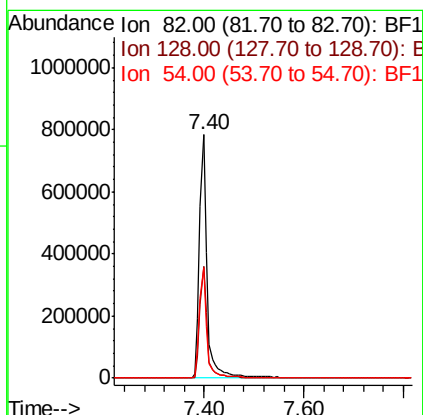
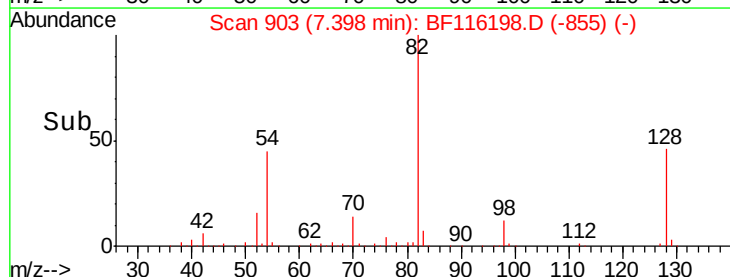
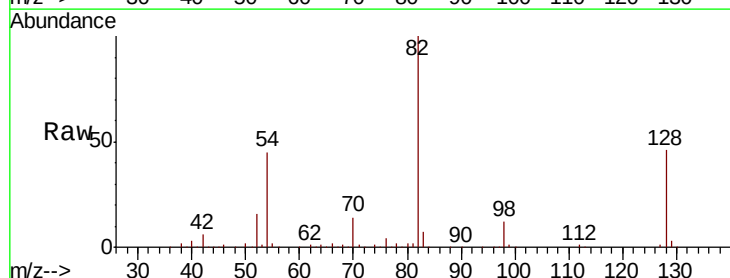
Instrument :
BNA_F
ClientSampleId :
OR-03-080919-B

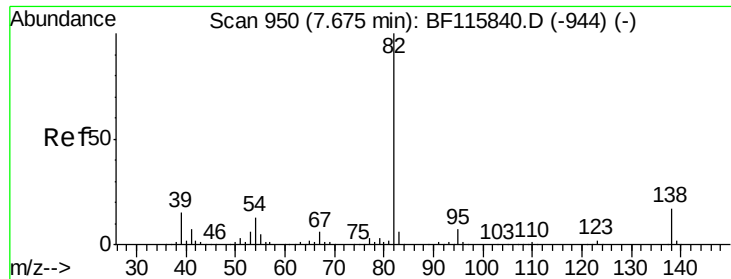
Tot Ion:136	Resp:	476507	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.4	
54 6.6	5.8	8.6	
68 6.0	5.2	7.8	



#23
Nitrobenzene-d5
Concen: 101.847 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116198.D
Acq: 12 Aug 2019 19:37

Tgt Ion: 82	Resp: 840752
Ion Ratio	Lower Upper
82 100	
128 45.7	36.5 54.7
54 45.4	36.0 54.0





#25

Isophorone

Concen: 53.263 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

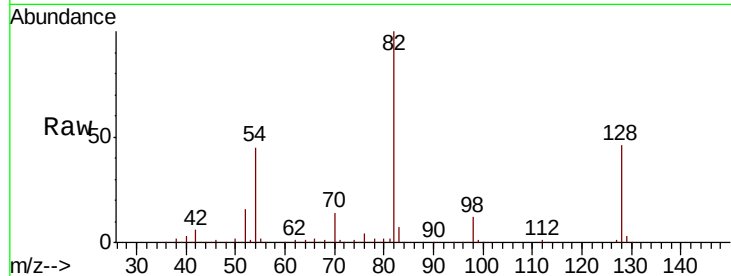
Tot Ion: 82 Resp: 840748

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

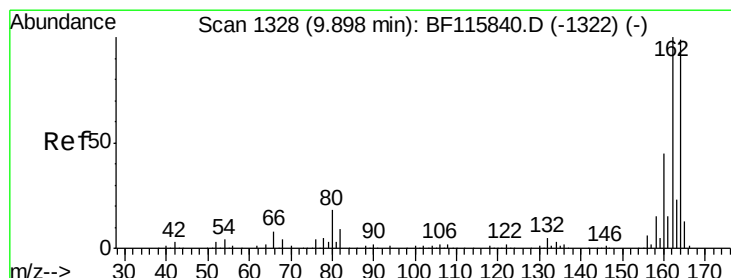
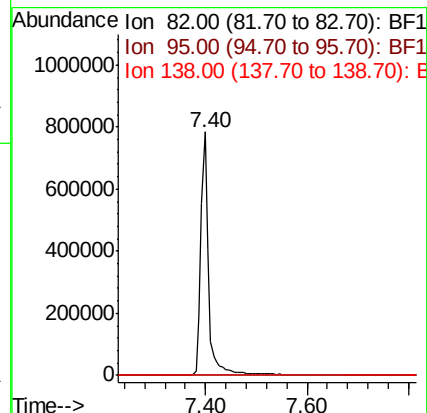
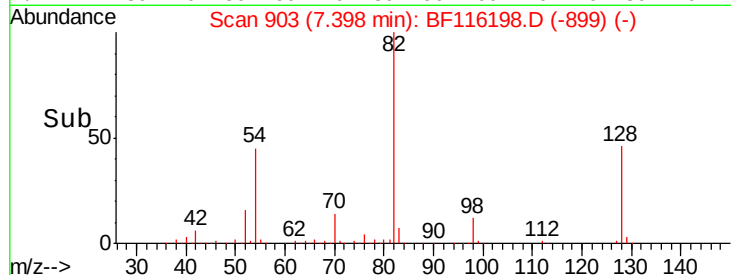
138 0.0 14.5 21.7#



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: BF116198.D

Acq: 12 Aug 2019 19:37

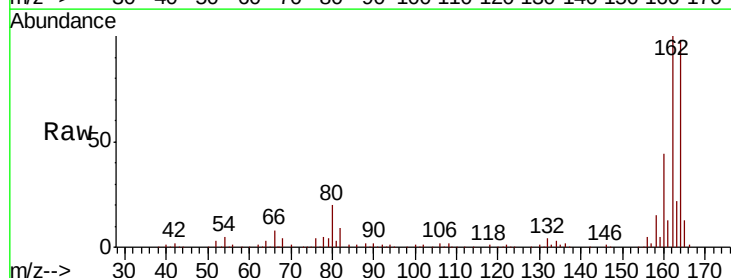
Tgt Ion: 164 Resp: 261507

Ion Ratio Lower Upper

164 100

162 101.7 82.6 124.0

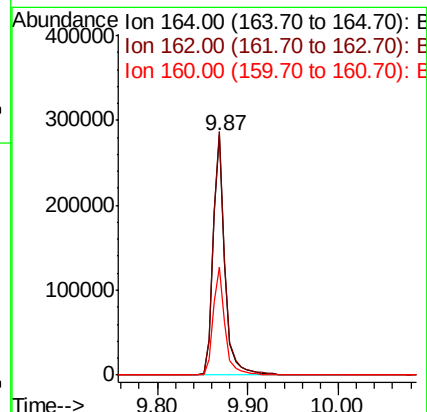
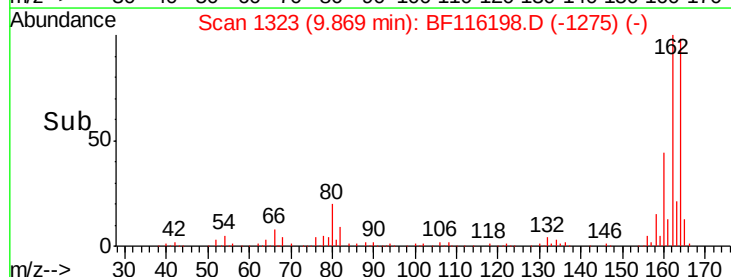
160 45.3 37.6 56.4

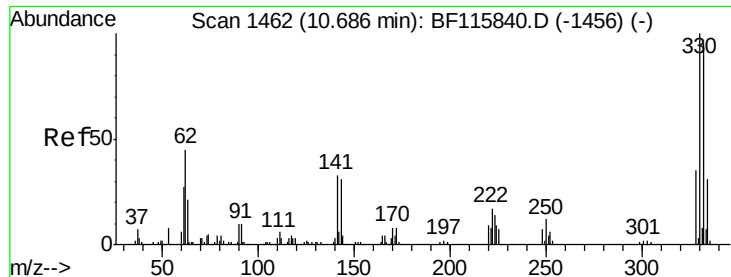


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

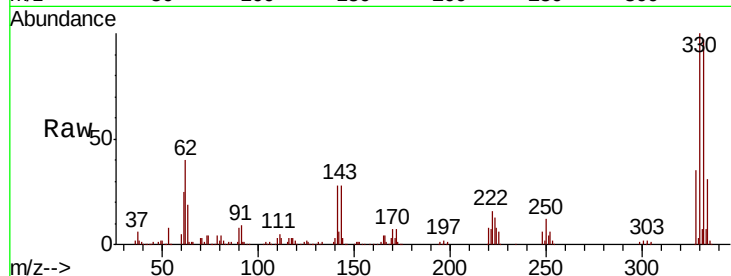




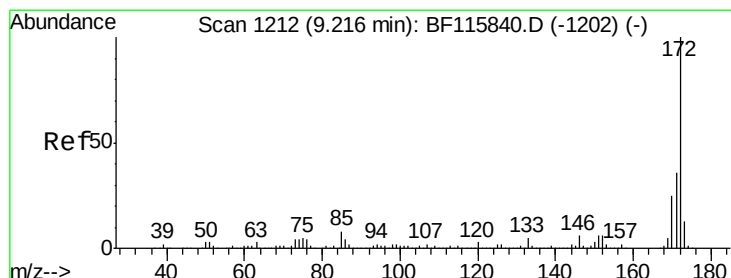
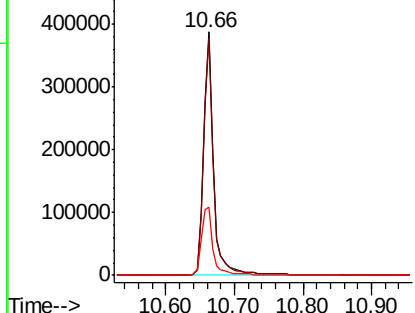
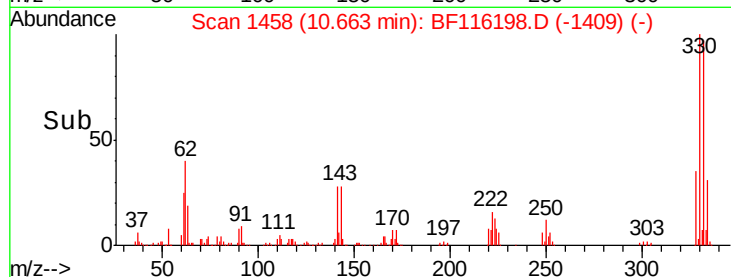
#42
 2,4,6-Tribromophenol
 Concen: 162.511 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion:330 Resp: 412028
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 32.7 26.3 39.5

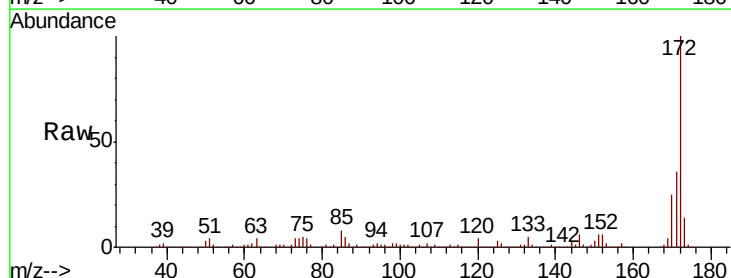


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

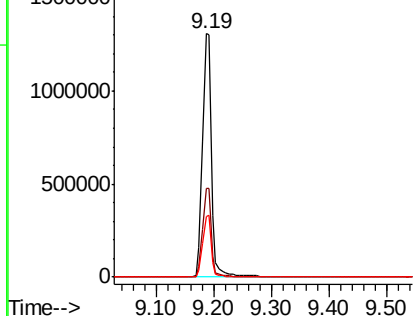
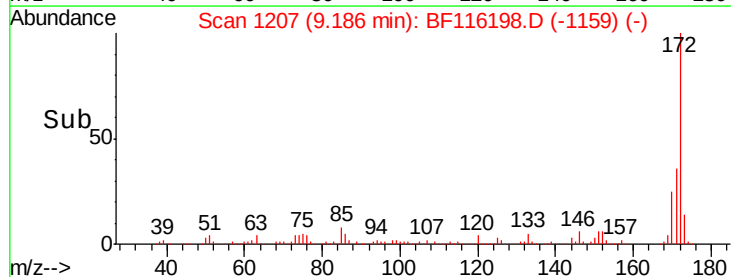


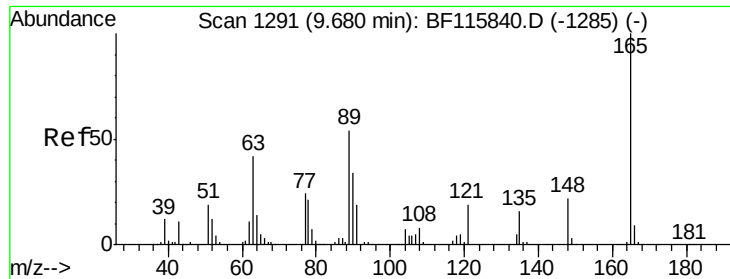
#45
 2-Fluorobiphenyl
 Concen: 105.092 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Tgt Ion:172 Resp: 1467229
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.1 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

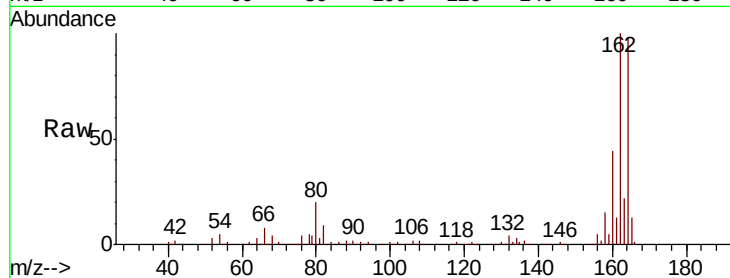




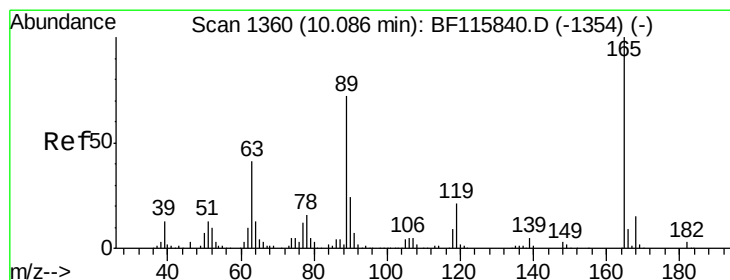
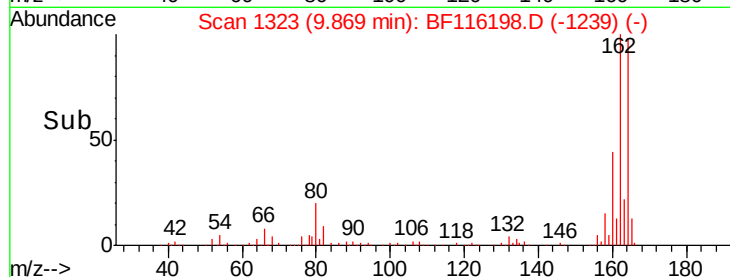
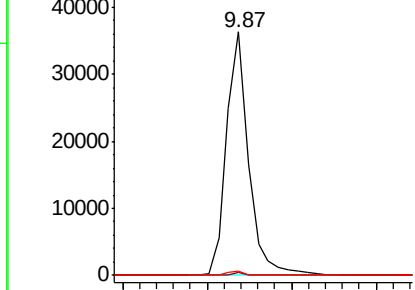
#51
 2,6-Dinitrotoluene
 Concen: 8.569 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.5	42.9	64.3#



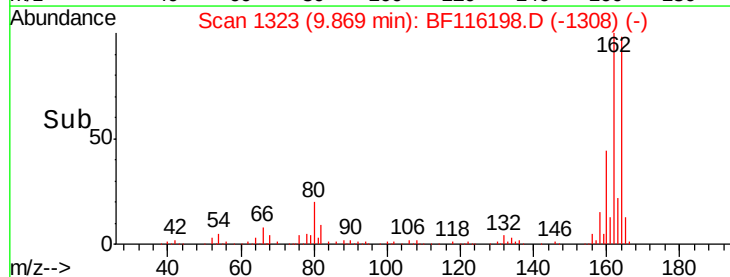
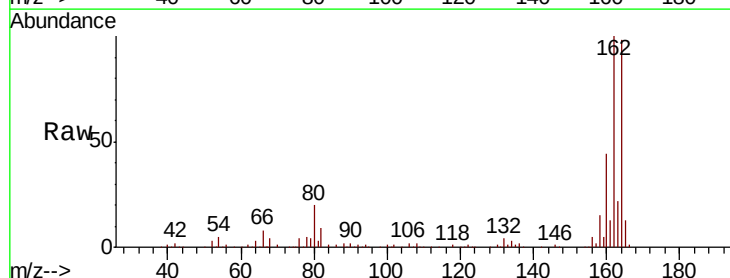
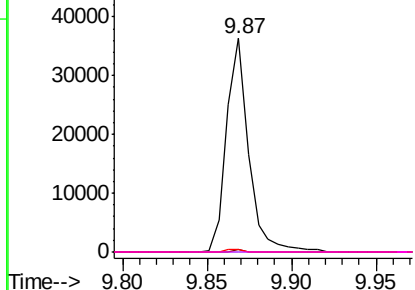
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

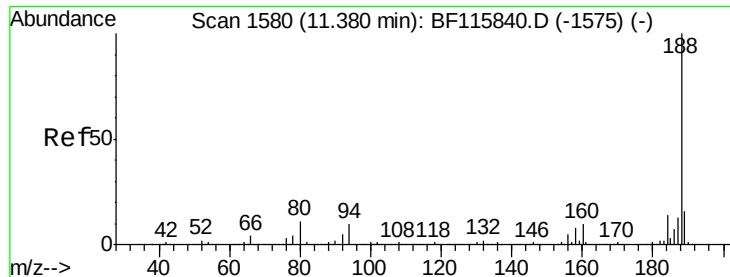


#57
 2,4-Dinitrotoluene
 Concen: 6.436 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.5	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

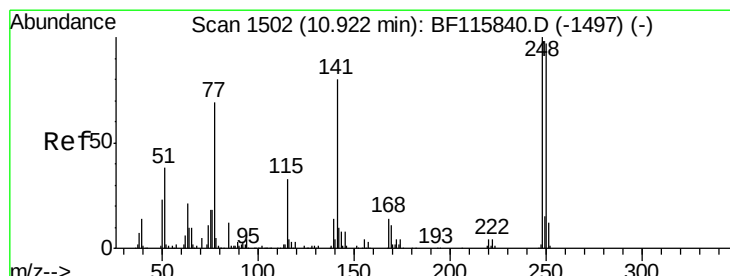
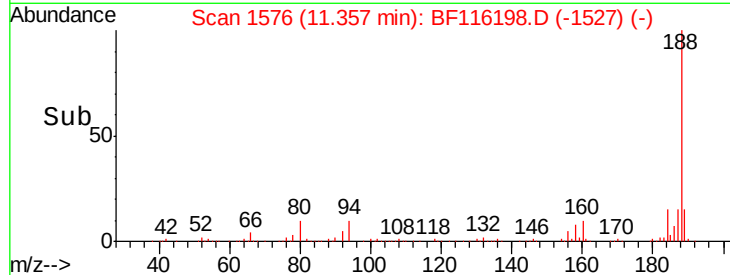
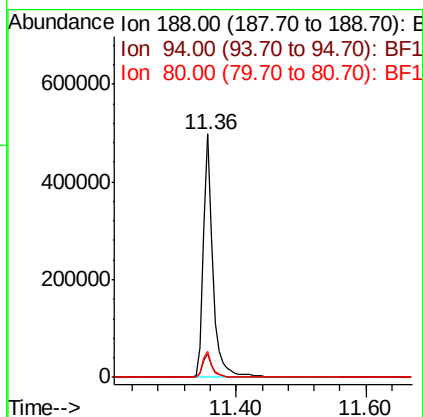
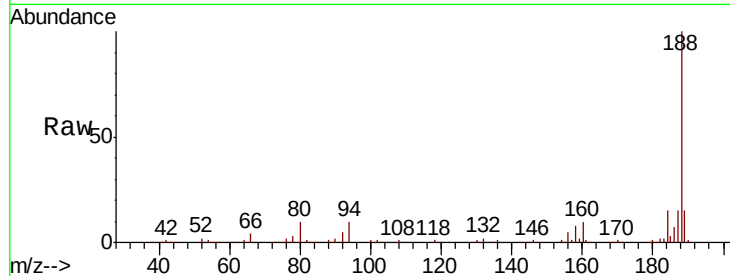




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

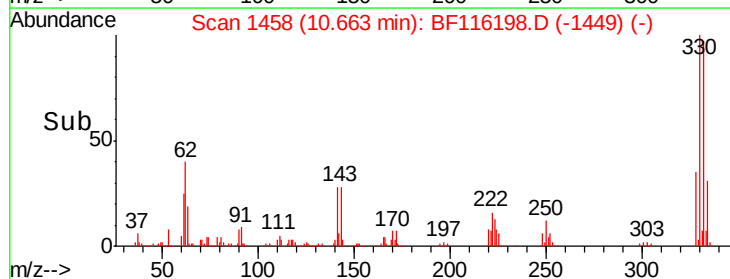
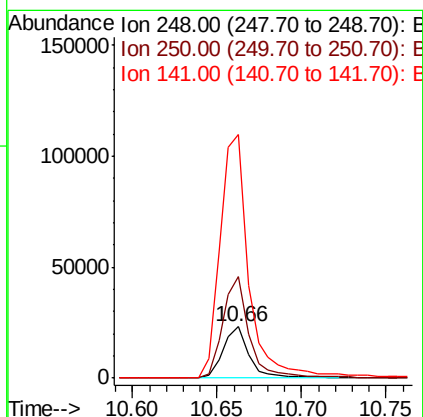
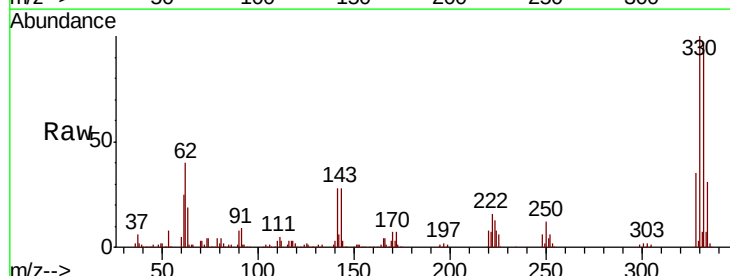
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

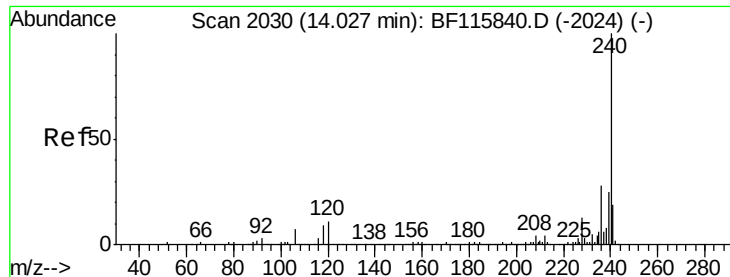
Tot Ion:188 Resp: 508814
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.4 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.572 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Tgt Ion:248 Resp: 24904
 Ion Ratio Lower Upper
 248 100
 250 199.2 77.4 116.2#
 141 477.2 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: BF116198.D

Acq: 12 Aug 2019 19:37

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-B

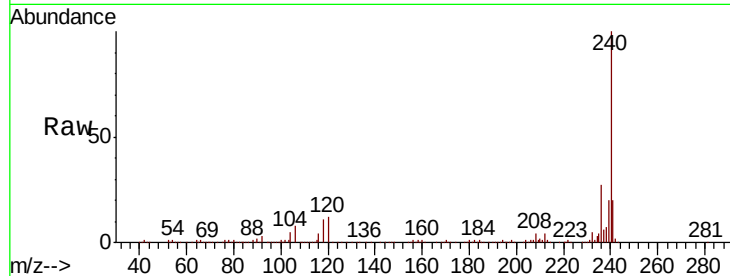
Tot Ion:240 Resp: 436273

Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

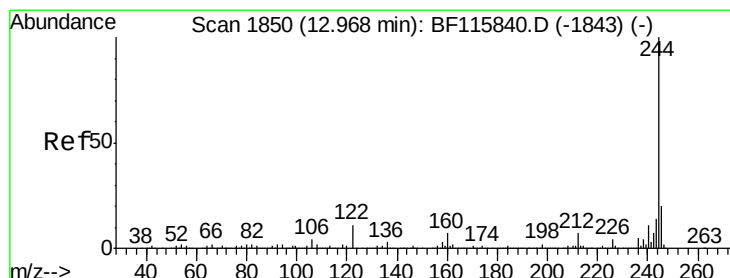
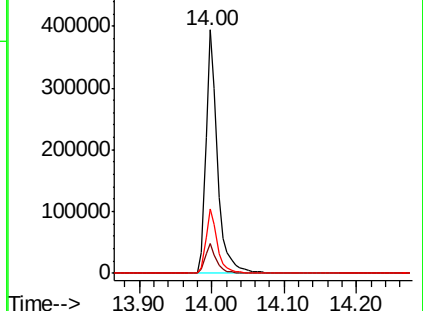
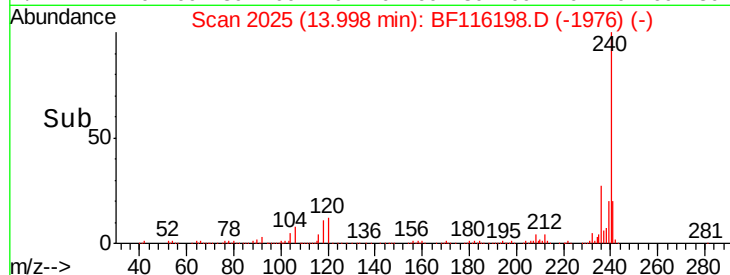
236 26.6 22.2 33.2



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: 94.611 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116198.D

Acq: 12 Aug 2019 19:37

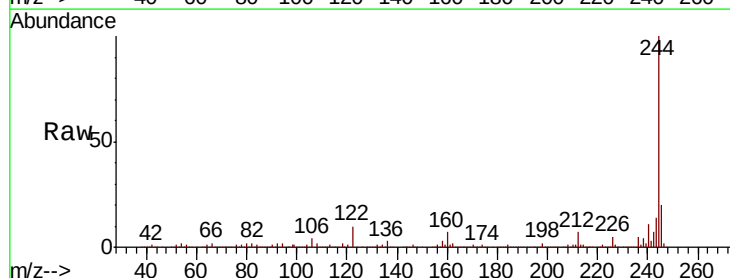
Tgt Ion:244 Resp: 1958861

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

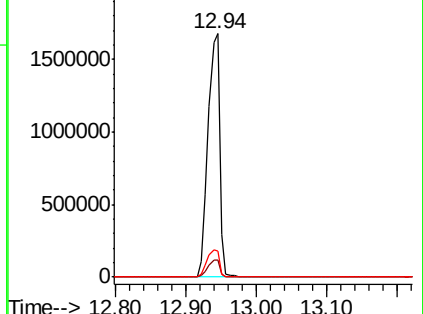
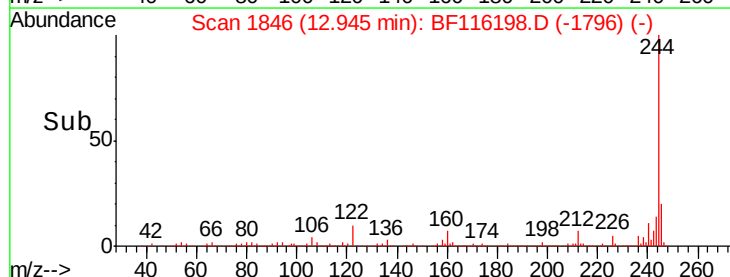
122 10.5 9.0 13.4

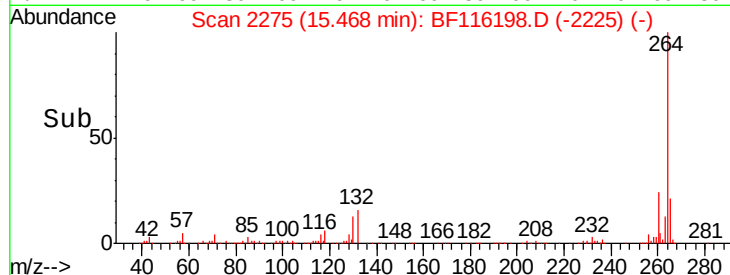
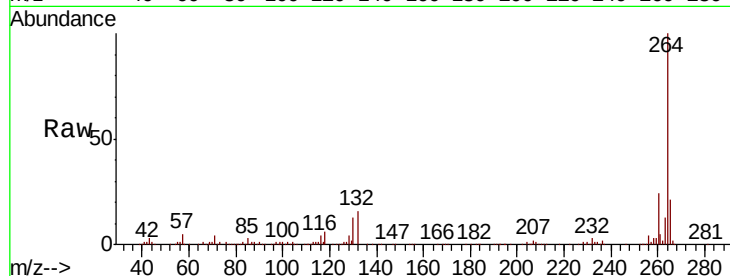
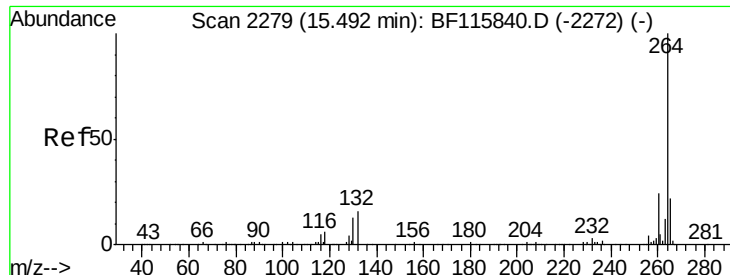


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116198.D
 Acq: 12 Aug 2019 19:37

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-B

Tot Ion:264	Resp:	414068
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.7 29.5
265	20.8	17.4 26.0

