

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115989.D
 Acq On : 5 Aug 2019 19:34
 Operator : HP/JU
 Sample : K4090-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Quant Time: Aug 06 01:37:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

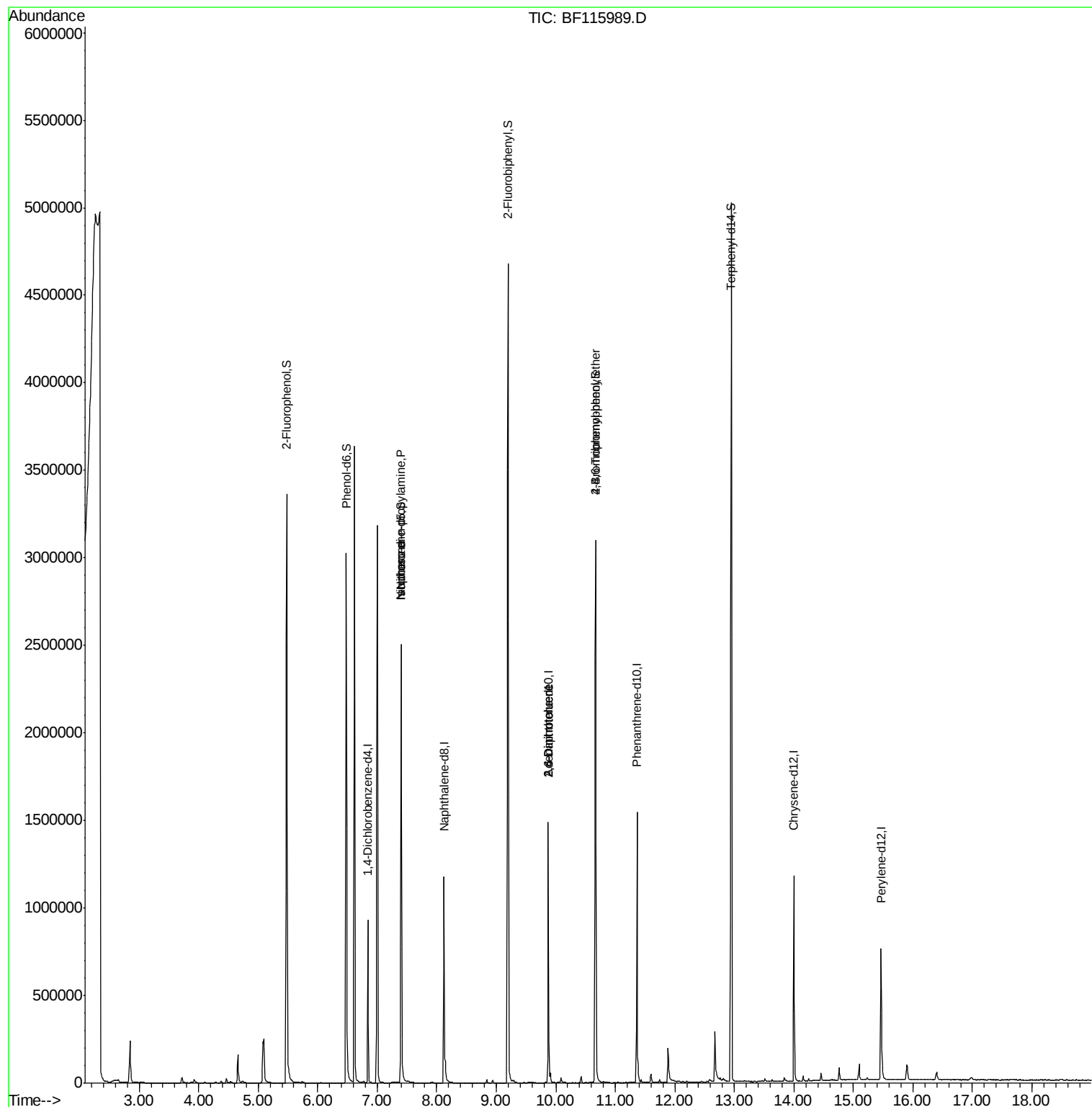
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144874	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	548372	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	296201	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	542632	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	421631	20.00	ng	-0.02
87) Perylene-d12	15.46	264	351085	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1005075	116.14	ng	0.01
7) Phenol-d6	6.48	99	1178255	107.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	944166	99.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	418842	145.85	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1612509	101.97	ng	-0.02
79) Terphenyl-d14	12.95	244	1919061	95.91	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	126677	18.723	ng	# 79
25) Isophorone	7.40	82	944160	51.975	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	38674	8.824	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	38674	6.627	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	25224	4.342	ng	# 1

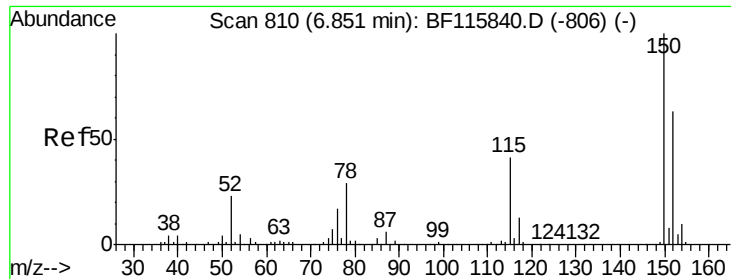
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
Data File : BF115989.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Quant Time: Aug 06 01:37:18 2019
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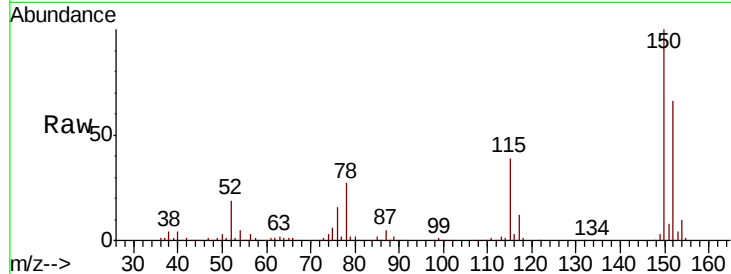


#1

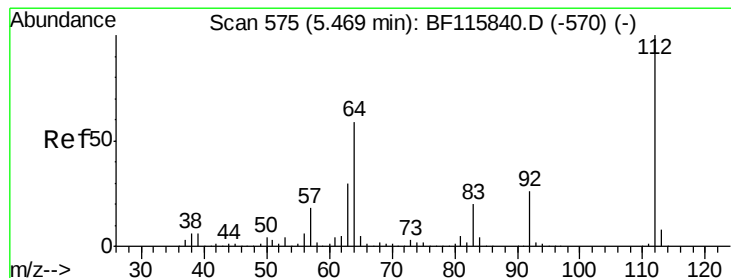
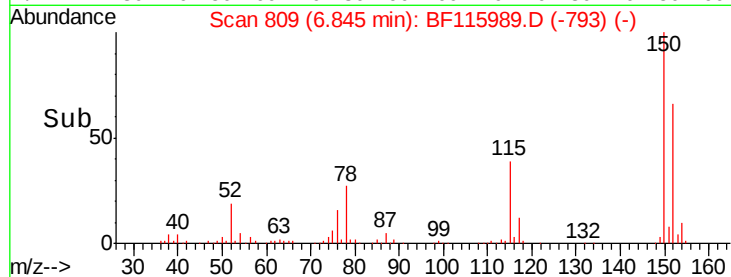
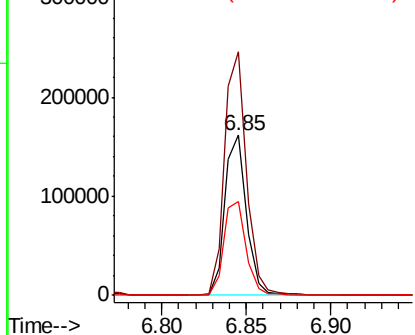
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Tgt Ion:152 Resp: 144874
Ion Ratio Lower Upper
152 100
150 152.1 127.4 191.0
115 58.8 51.8 77.8



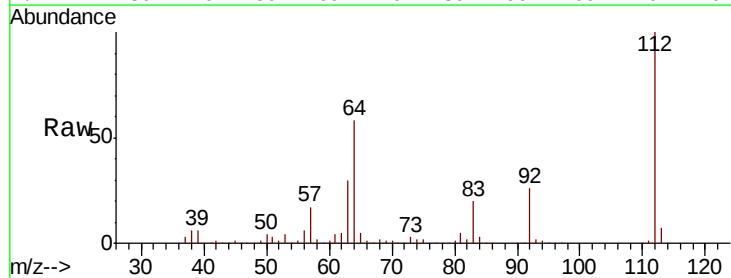
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



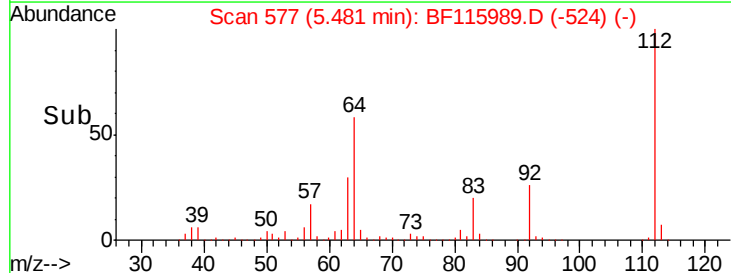
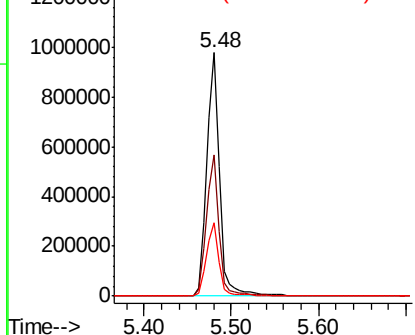
#5

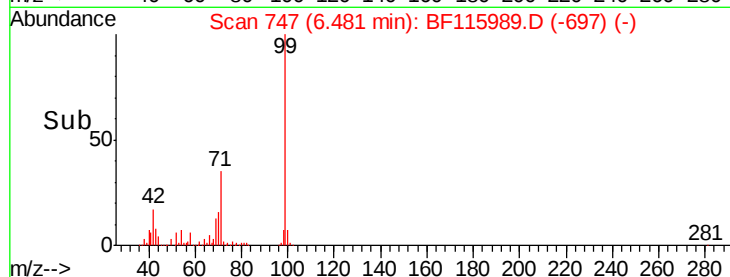
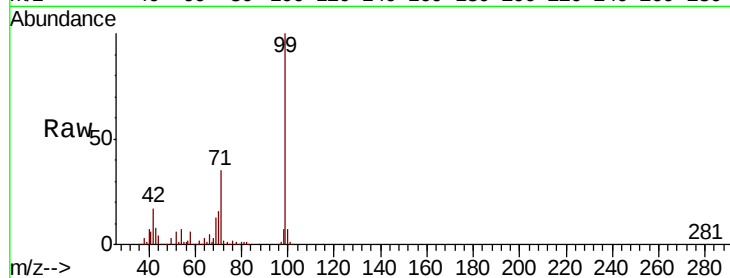
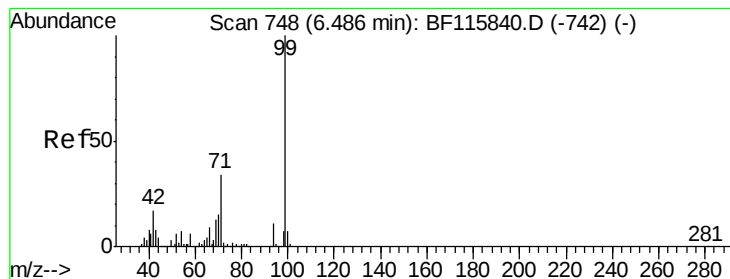
2-Fluorophenol
Concen: 116.139 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Tgt Ion:112 Resp: 1005075
Ion Ratio Lower Upper
112 100
64 57.8 46.8 70.2
63 30.0 24.2 36.2



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: 107.913 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-B

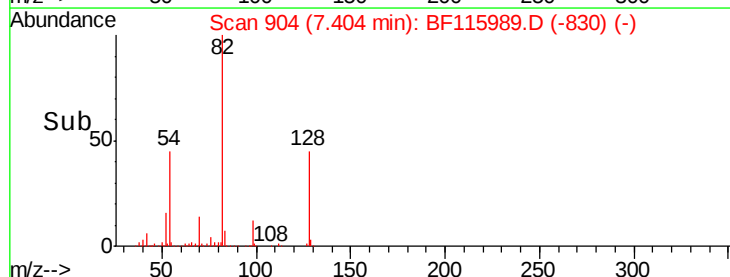
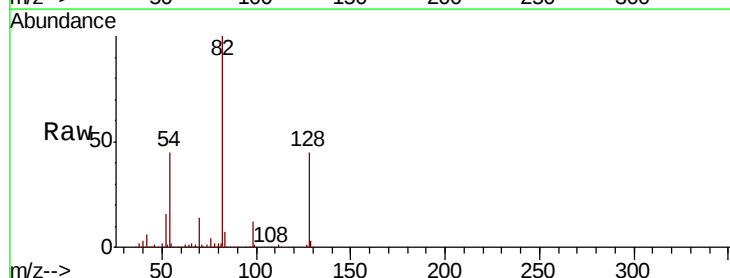
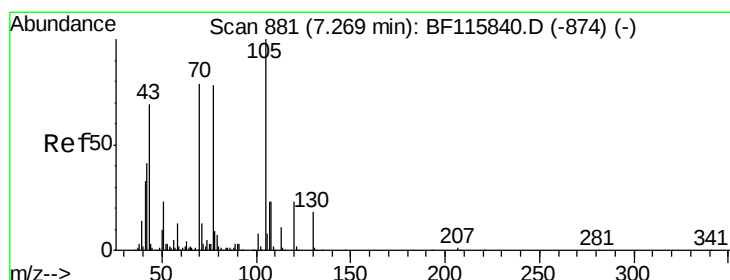
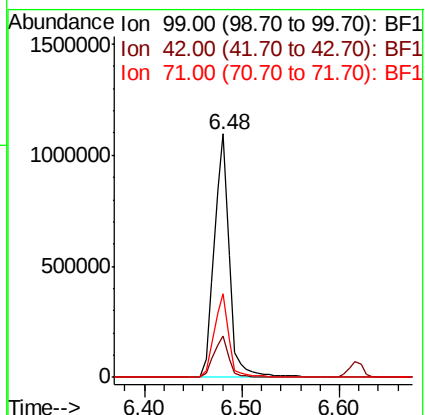
Tgt Ion: 99 Resp: 1178255

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

71 34.5 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.723 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Tgt Ion: 70 Resp: 126677

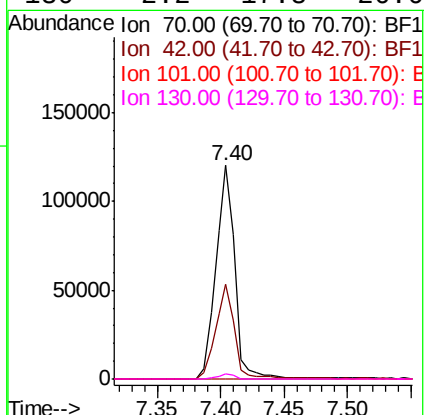
Ion Ratio Lower Upper

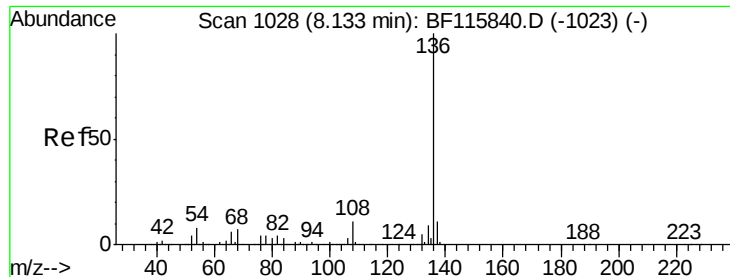
70 100

42 44.5 41.8 62.8

101 0.0 7.7 11.5#

130 2.2 17.8 26.6#

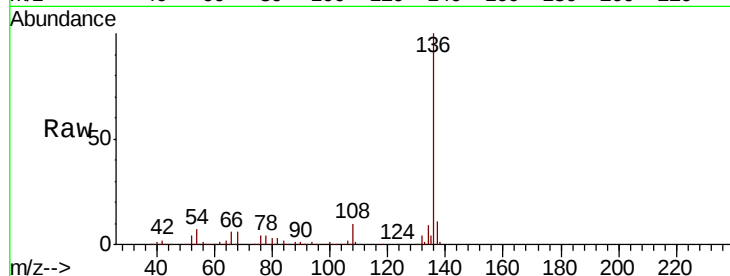




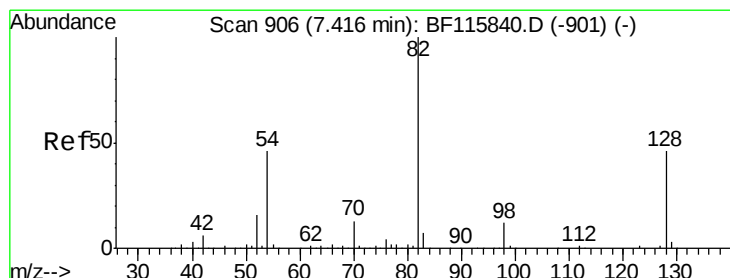
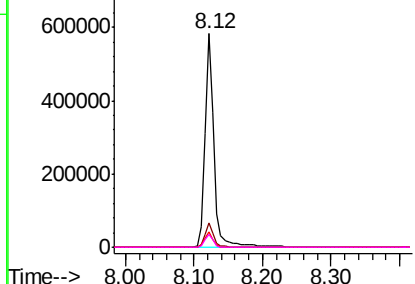
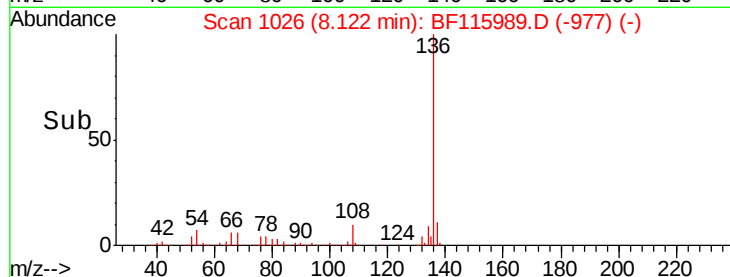
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Tgt Ion:	136	Resp:	548372
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	6.1	9.1
68	6.1	5.4	8.2

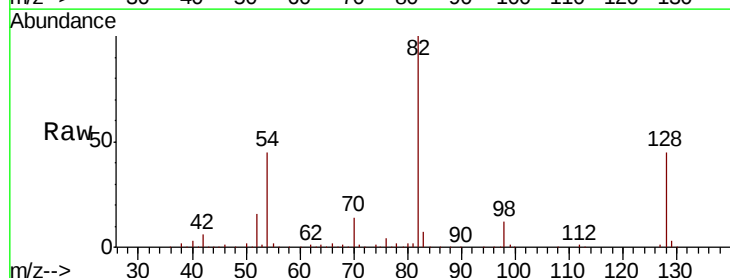


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

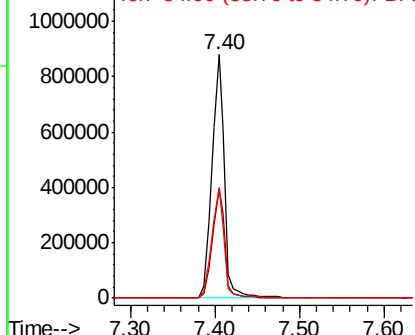
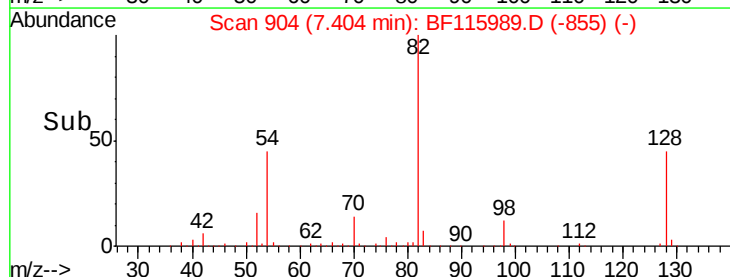


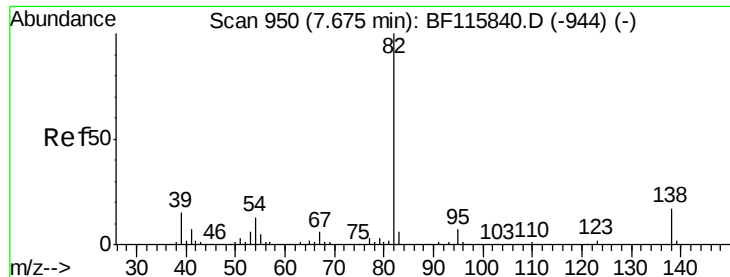
#23
Nitrobenzene-d5
Concen: 99.385 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Tgt Ion:	82	Resp:	944166
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.6	55.0
54	45.3	36.6	55.0



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: 51.975 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-B

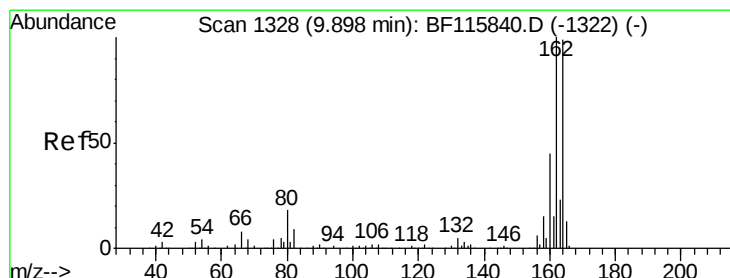
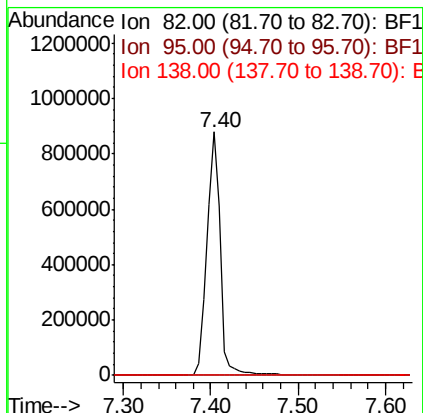
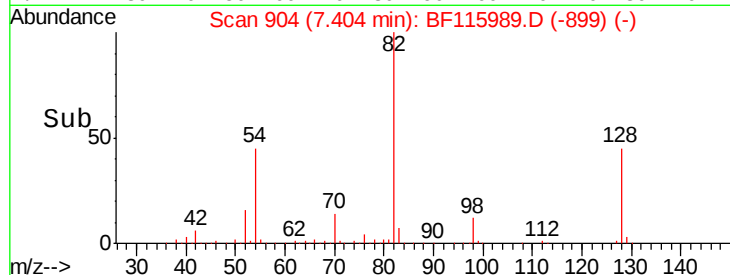
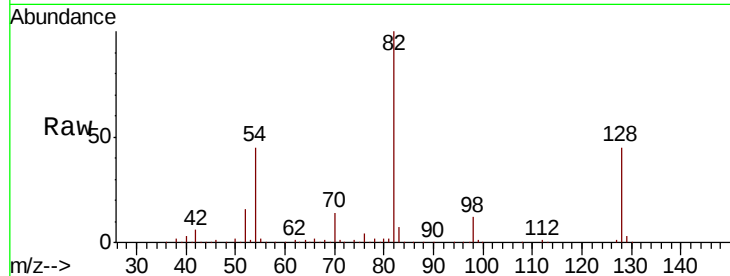
Tgt Ion: 82 Resp: 944160

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.9 20.9#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

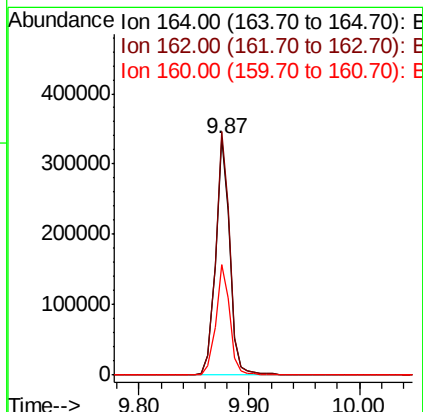
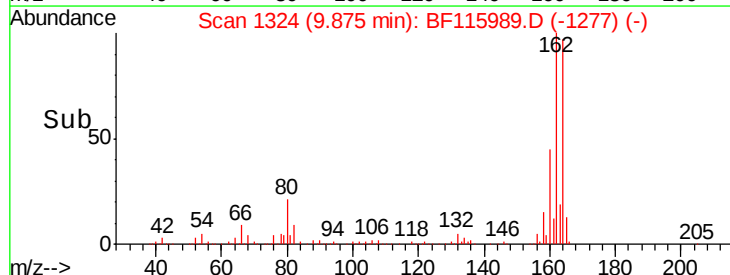
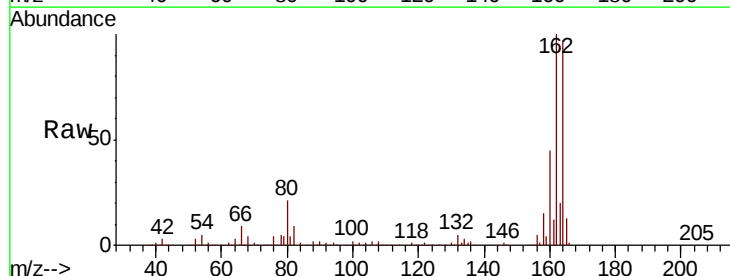
Tgt Ion: 164 Resp: 296201

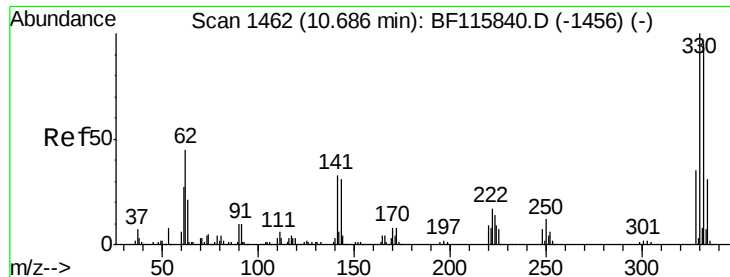
Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

160 46.6 36.2 54.4

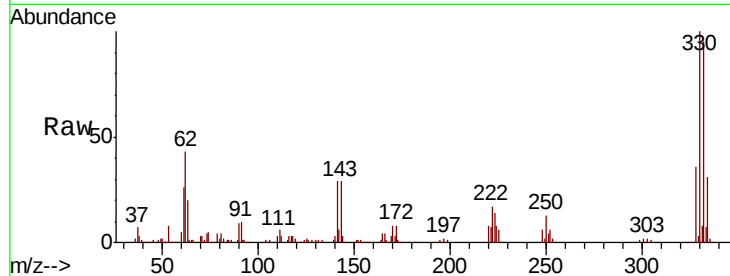




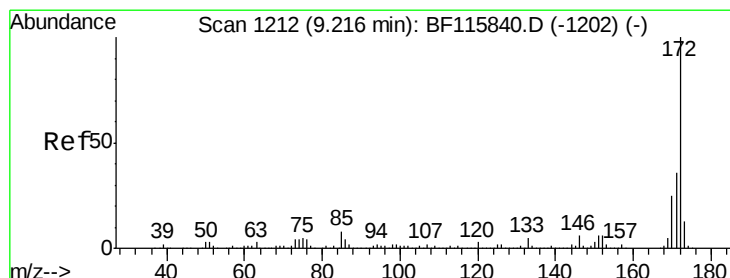
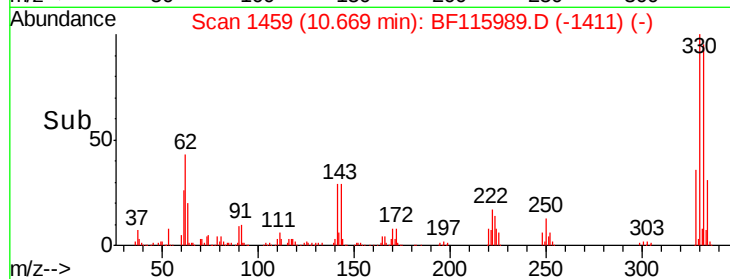
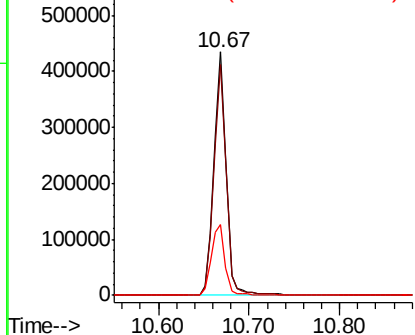
#42
 2,4,6-Tribromophenol
 Concen: 145.849 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Tgt Ion:330 Resp: 418842
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 32.5 28.1 42.1

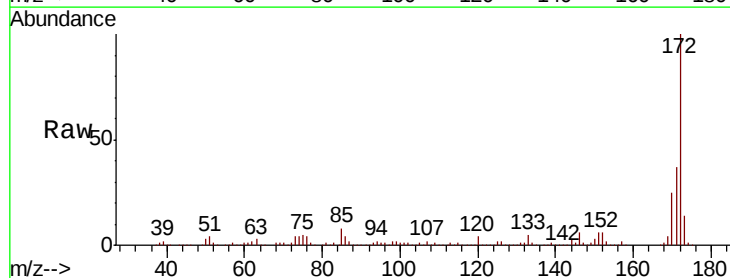


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

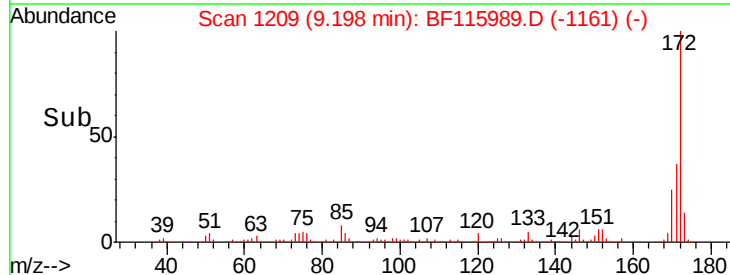
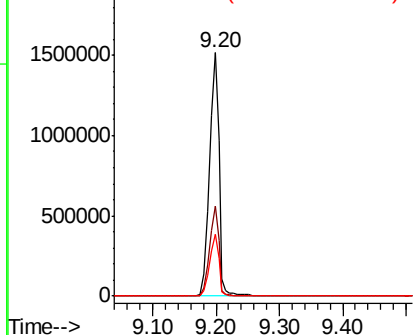


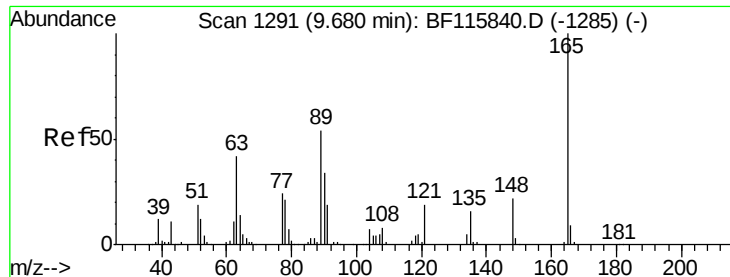
#45
 2-Fluorobiphenyl
 Concen: 101.970 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Tgt Ion:172 Resp: 1612509
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.1 43.7
 170 25.4 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: 8.824 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.19 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Instrument :

BNA_F

ClientSampleId :

OR-02-080219-B

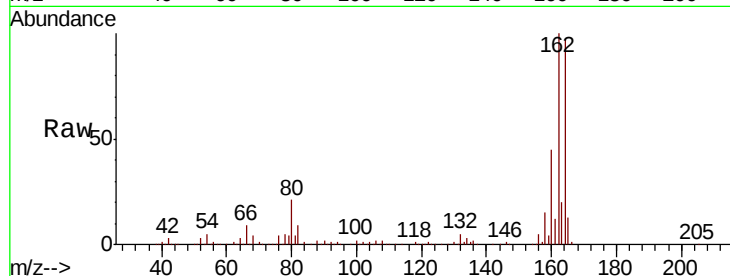
Tgt Ion:165 Resp: 38674

Ion Ratio Lower Upper

165 100

63 1.2 39.4 59.2#

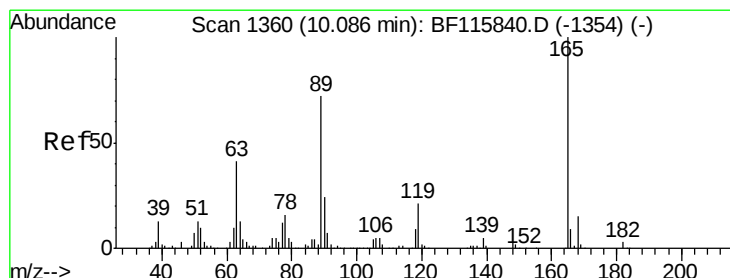
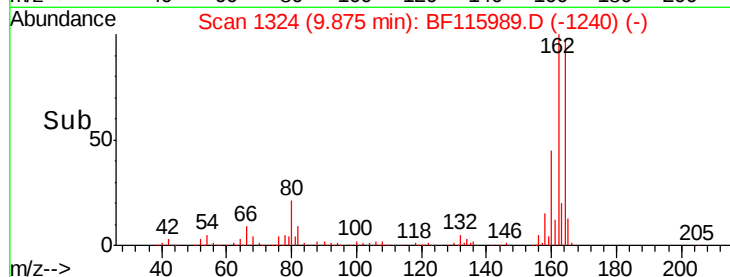
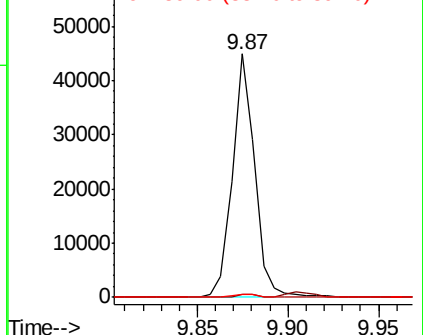
89 1.4 43.0 64.6#



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: 6.627 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF115989.D

Acq: 5 Aug 2019 19:34

Tgt Ion:165 Resp: 38674

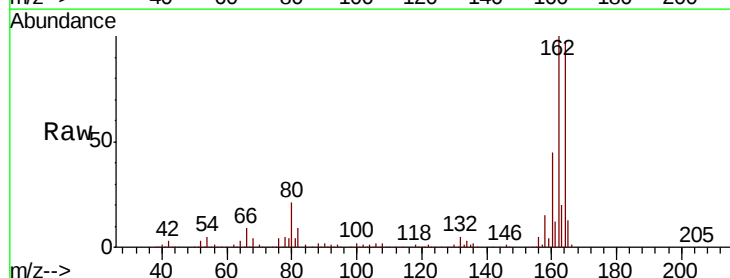
Ion Ratio Lower Upper

165 100

63 1.2 33.2 49.8#

89 1.4 57.3 85.9#

182 0.0 2.1 3.1#

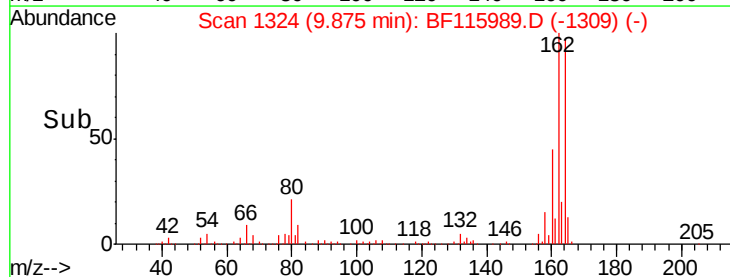
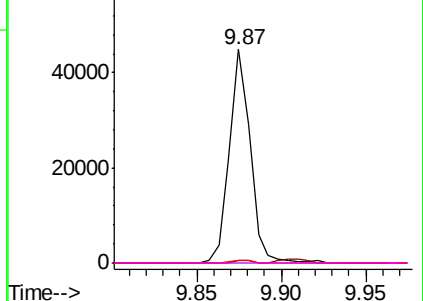


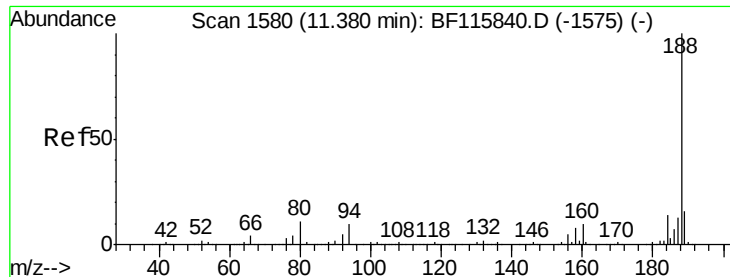
Abundance Ion 165.00 (164.70 to 165.70): E

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

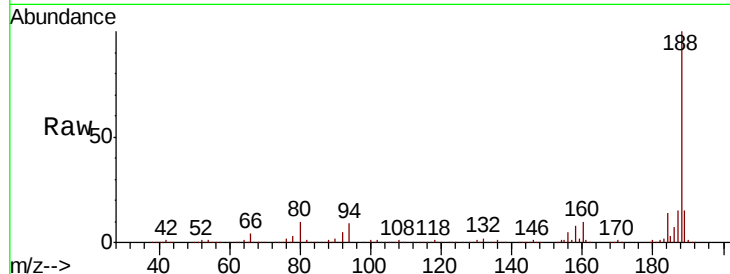




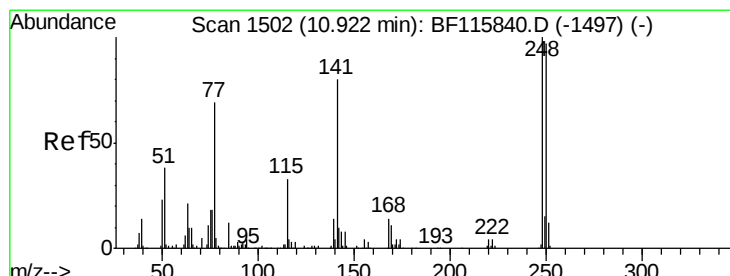
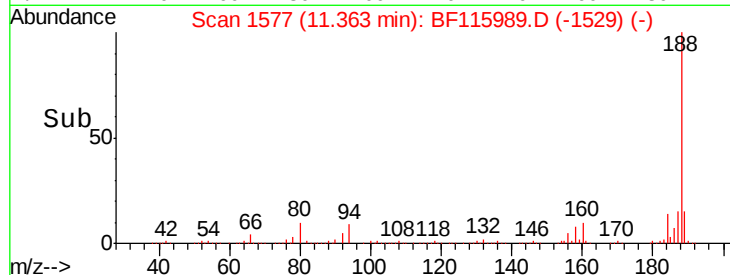
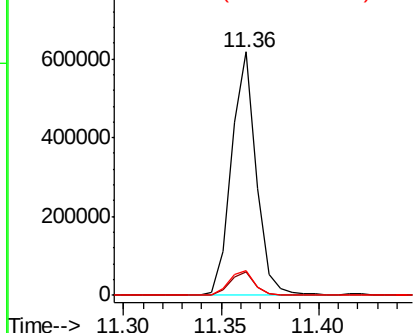
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080219-B

Tgt Ion:188 Resp: 542632
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.0 12.0
 80 10.1 8.6 12.8

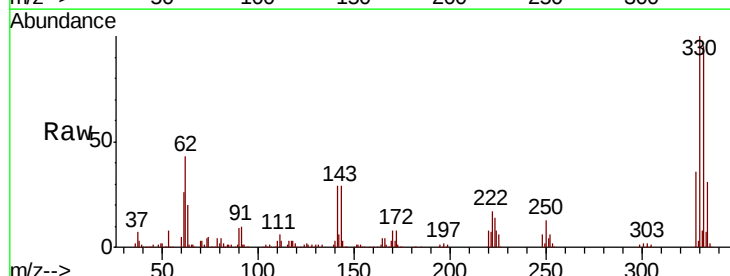


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

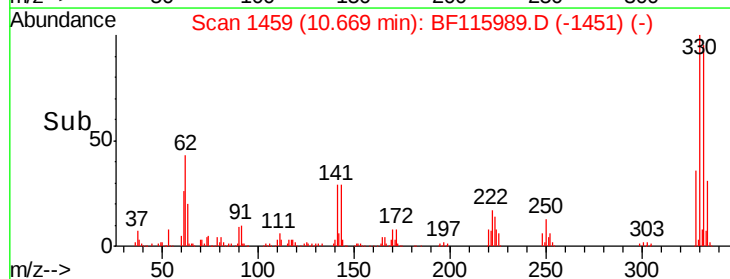
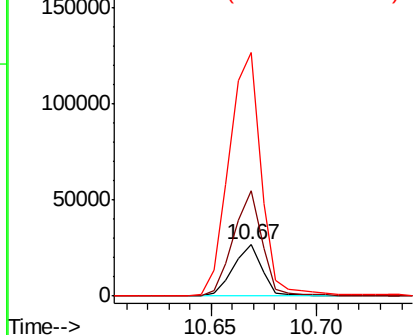


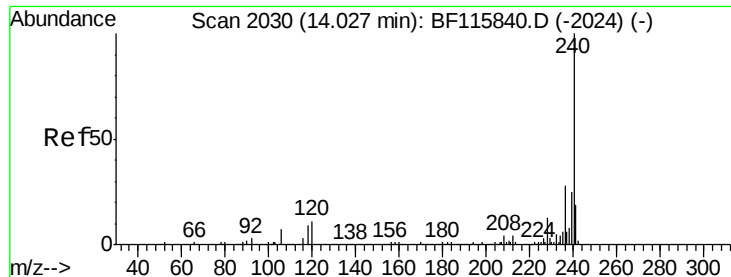
#67
 4-Bromophenyl-phenylether
 Concen: 4.342 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF115989.D
 Acq: 5 Aug 2019 19:34

Tgt Ion:248 Resp: 25224
 Ion Ratio Lower Upper
 248 100
 250 206.1 77.8 116.6#
 141 476.9 64.3 96.5#



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

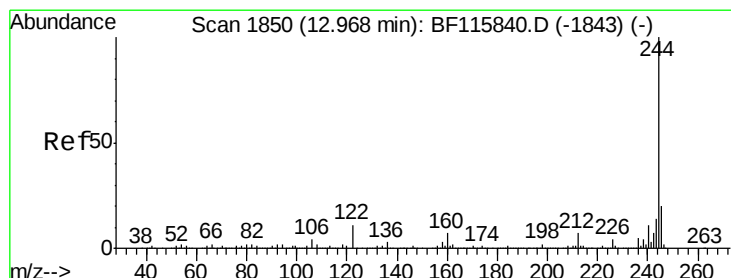
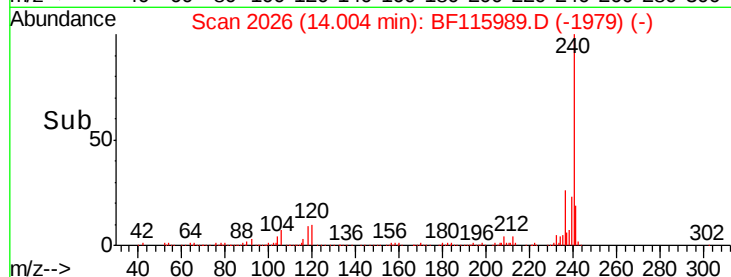
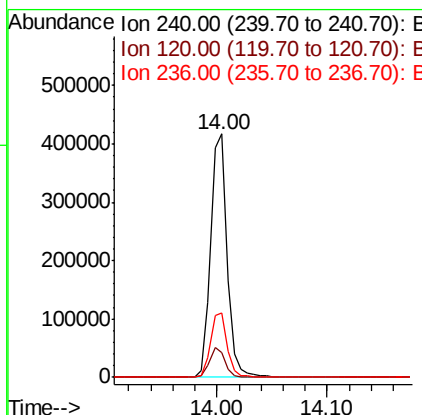
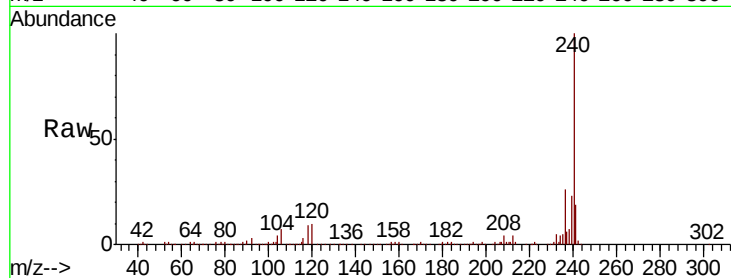




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

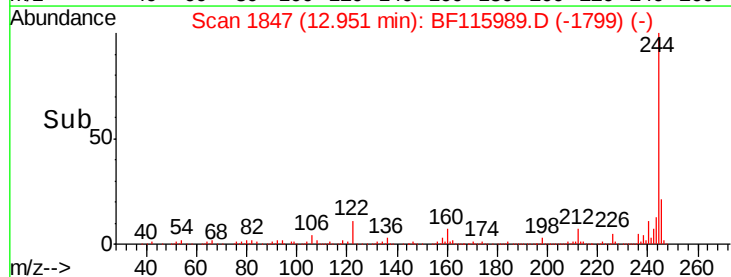
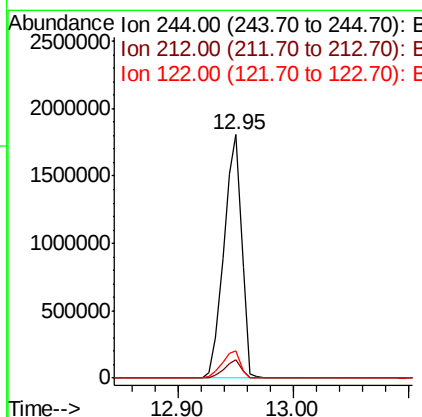
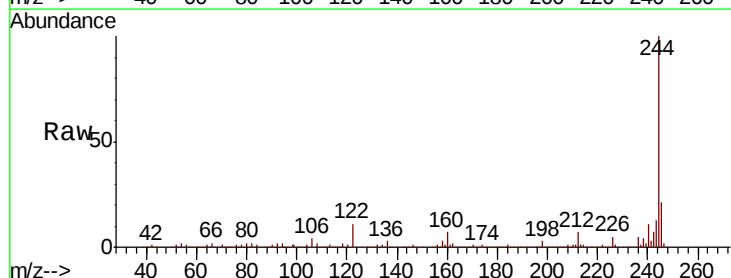
Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

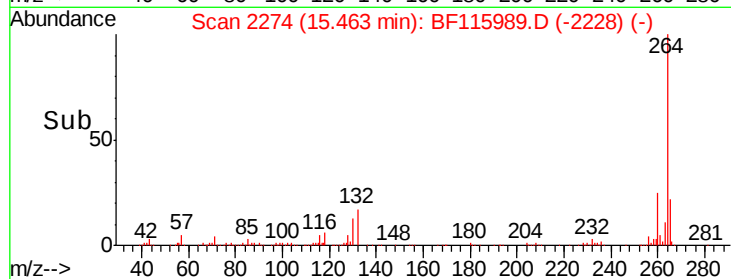
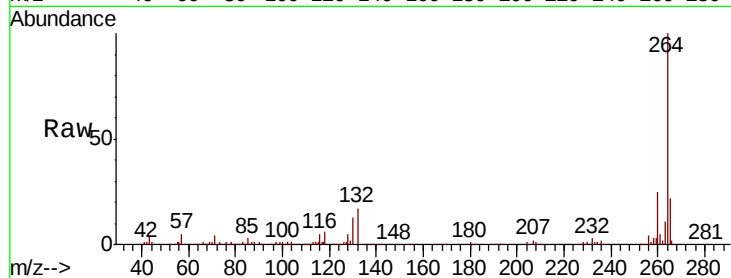
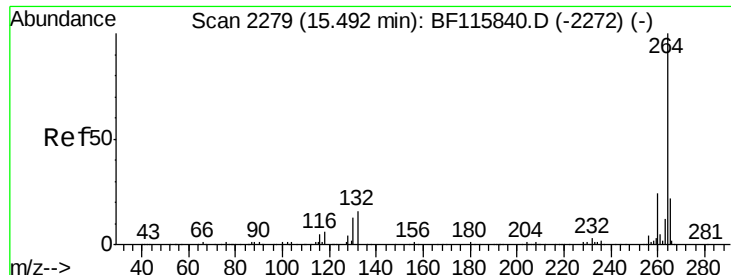
Tgt Ion:240 Resp: 421631
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 26.3 22.2 33.2



#79
Terphenyl-d14
Concen: 95.908 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Tgt Ion:244 Resp: 1919061
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 11.0 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF115989.D
Acq: 5 Aug 2019 19:34

Instrument :
BNA_F
ClientSampleId :
OR-02-080219-B

Tgt Ion:	264	Resp:	351085
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.9	17.5	26.3

