

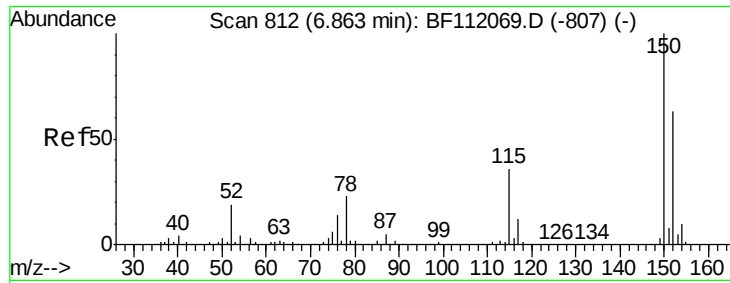
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112177.D
 Acq On : 22 Jan 2019 00:48
 Operator : JU/SJ
 Sample : K1190-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Quant Time: Jan 22 01:29:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	205999	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	687550	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	267834	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	498226	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	476236	20.00	ng	-0.01
87) Perylene-d12	15.49	264	331582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	482062	42.47	ng	0.00
7) Phenol-d6	6.49	99	367504	25.88	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1030946	103.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	255660	88.48	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1868027	102.25	ng	0.00
79) Terphenyl-d14	12.96	244	1804605	80.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	138872	16.053	ng	# 79
25) Isophorone	7.41	82	1023526	53.248	ng	# 64
51) 2,6-Dinitrotoluene	9.89	165	34821	8.927	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	34821	10.872	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.67	198	483	10.253	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	14848	2.566	ng	# 1

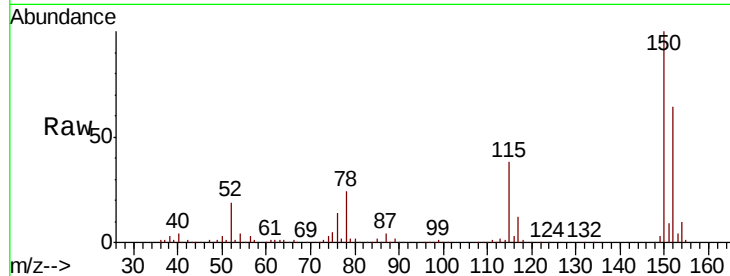
(#) = qualifier out of range (m) = manual integration (+) = signals summed



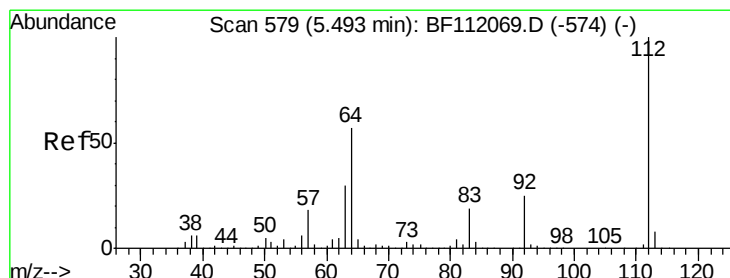
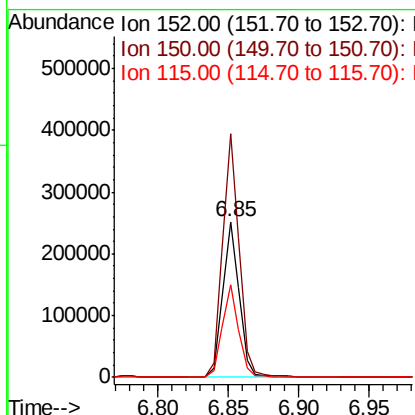
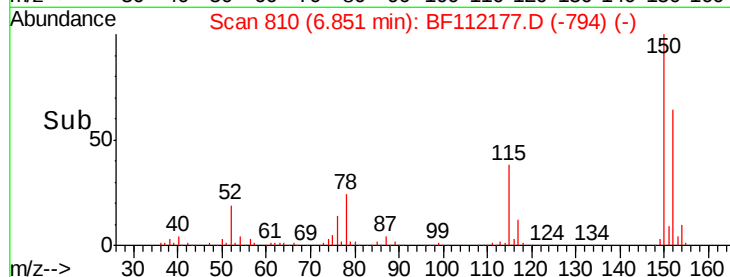
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Tgt Ion:152 Resp: 205999
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.4 191.0
 115 59.6 45.5 68.3

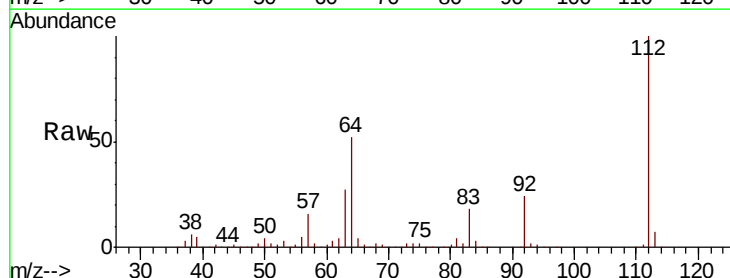


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

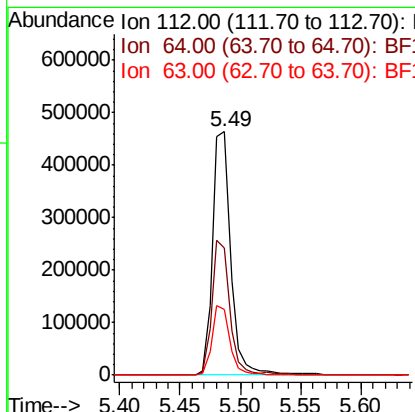
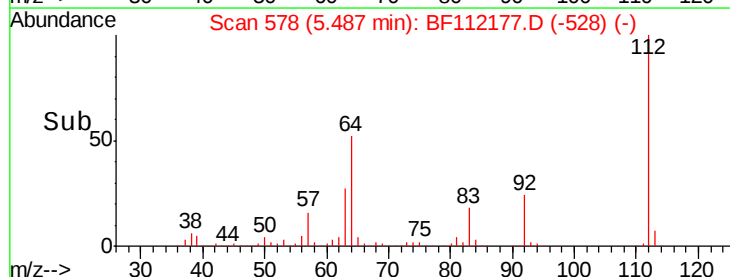


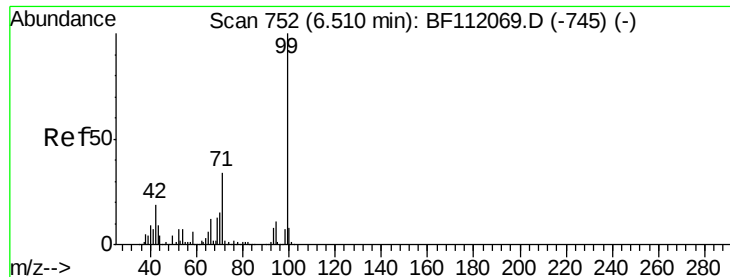
#5
 2-Fluorophenol
 Concen: 42.474 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:112 Resp: 482062
 Ion Ratio Lower Upper
 112 100
 64 52.1 45.7 68.5
 63 26.8 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: 25.880 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Instrument :

BNA_F

ClientSampleId :

011719-DBRI-E-D-M

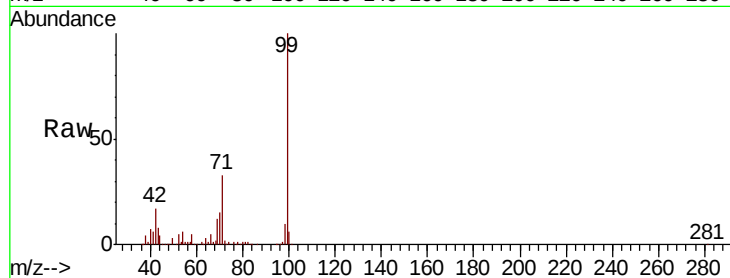
Tgt Ion: 99 Resp: 367504

Ion Ratio Lower Upper

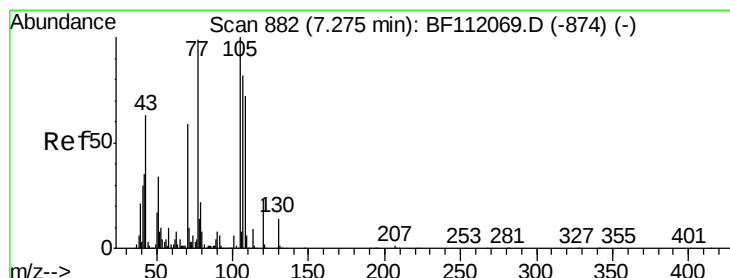
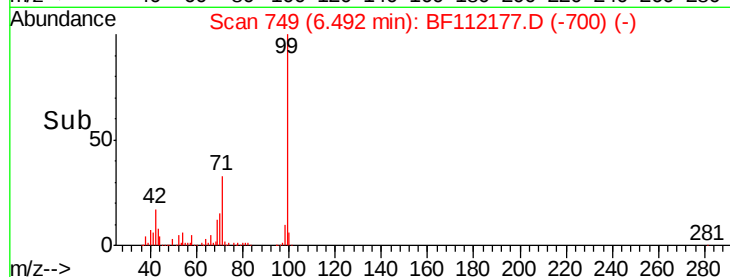
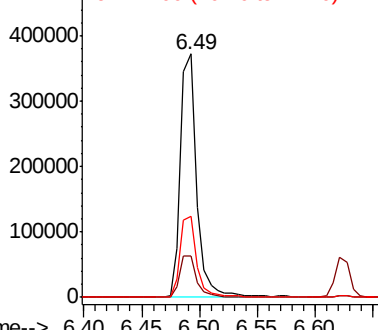
99 100

42 16.9 15.1 22.7

71 33.4 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: 16.053 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Tgt Ion: 70 Resp: 138872

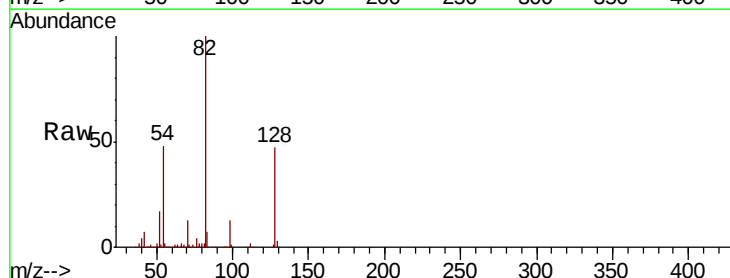
Ion Ratio Lower Upper

70 100

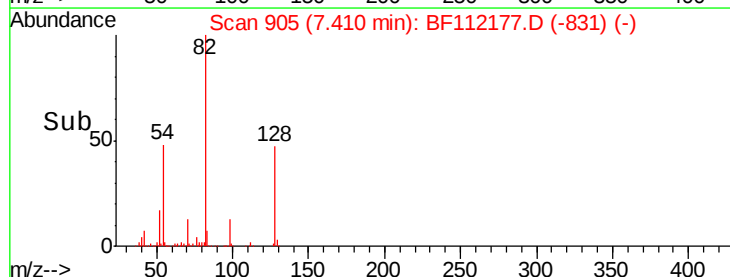
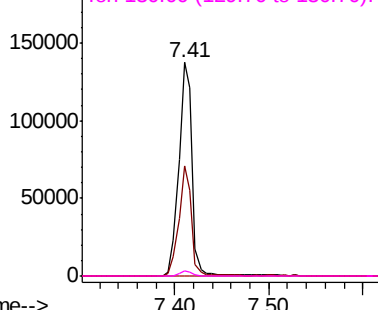
42 51.3 47.6 71.4

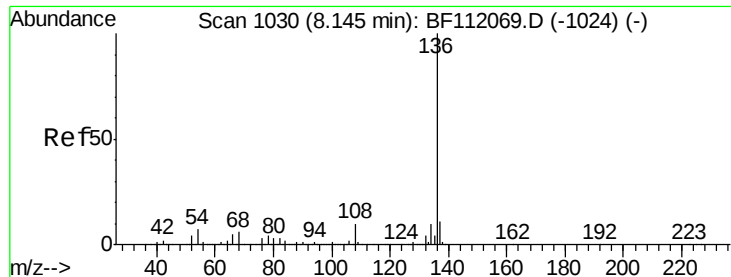
101 0.0 7.9 11.9#

130 2.2 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

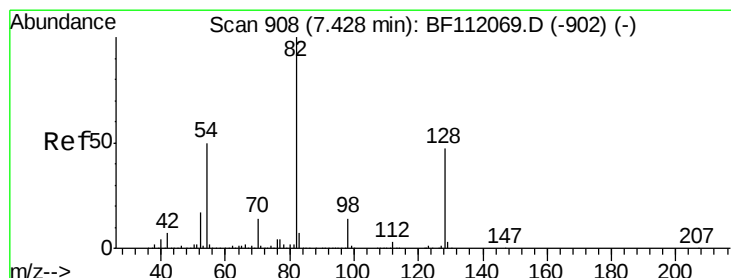
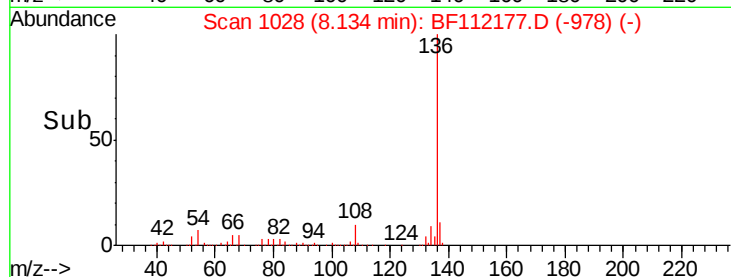
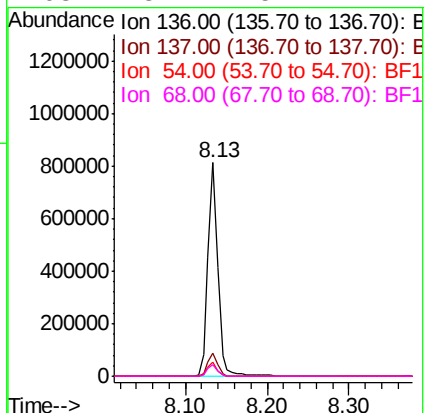
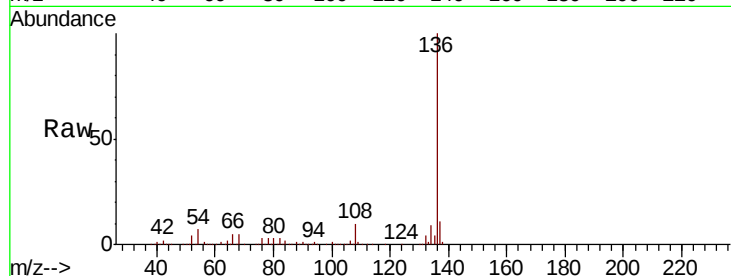




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

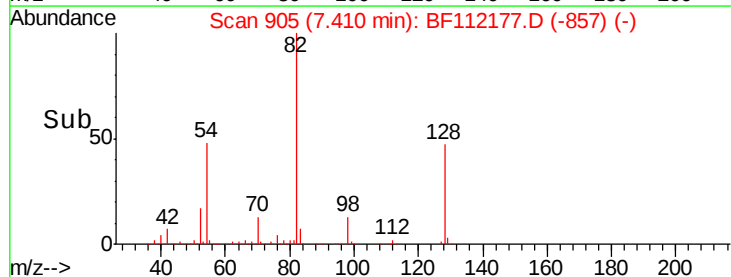
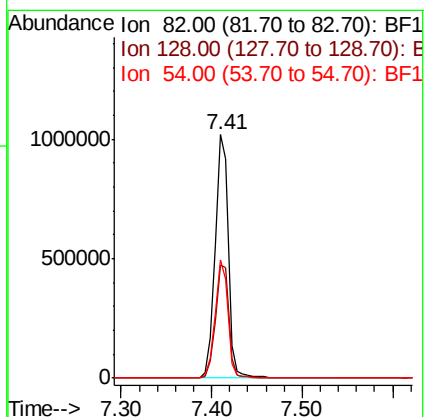
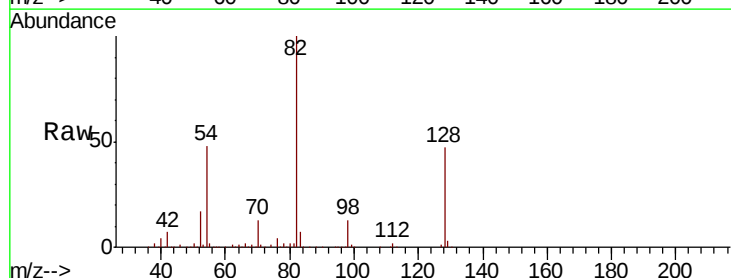
Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-D-M

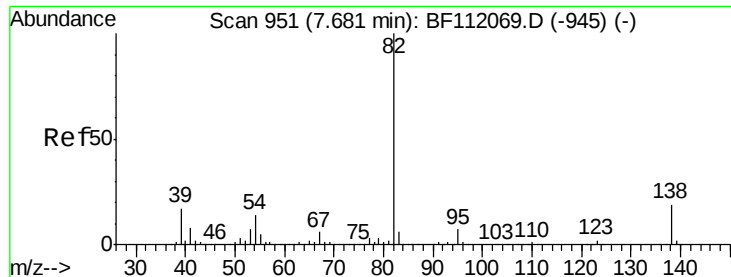
Tgt Ion:	136	Resp:	687550
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.7	5.9	8.9
68	5.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 103.595 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

Tgt Ion:	82	Resp:	1030946
Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	48.4	39.7	59.5

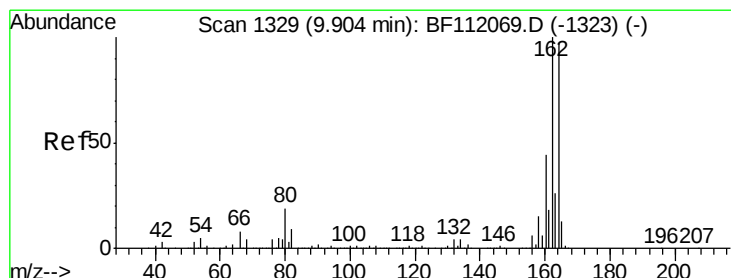
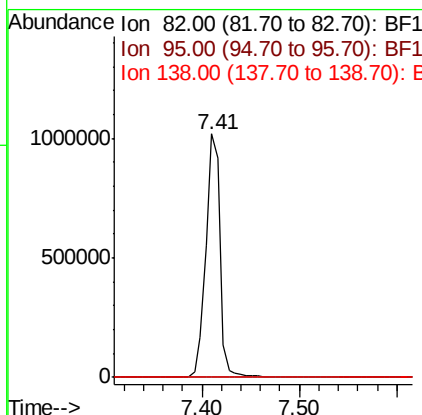
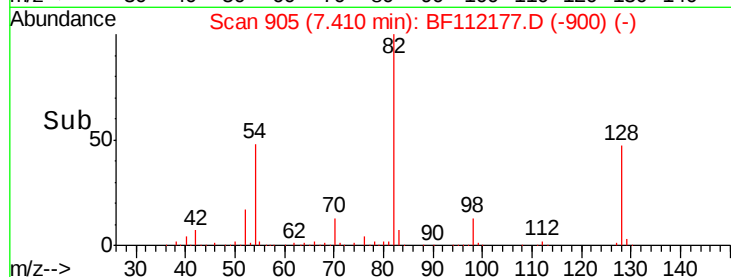
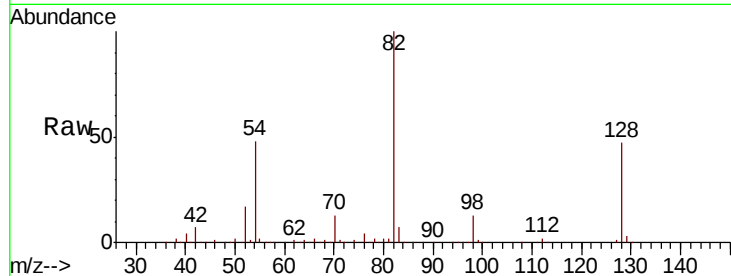




#25
Isophorone
Concen: 53.248 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

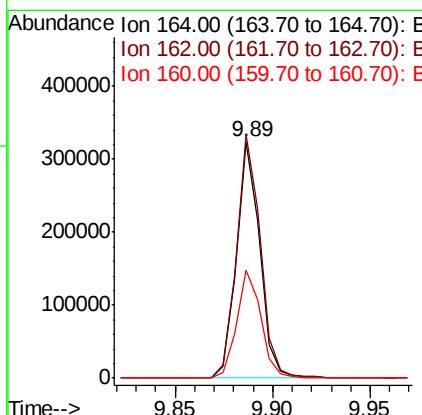
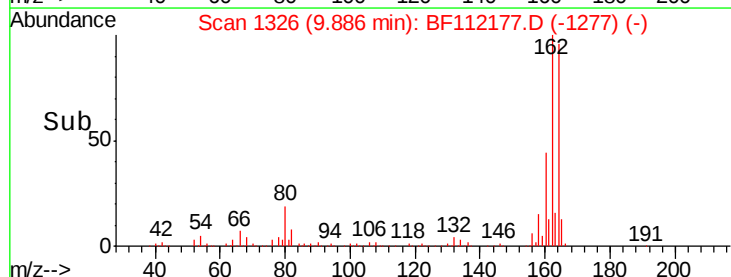
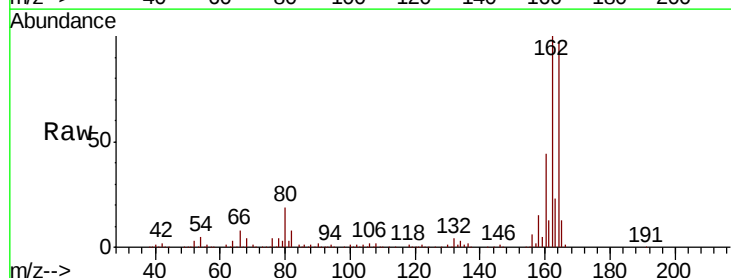
Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-D-M

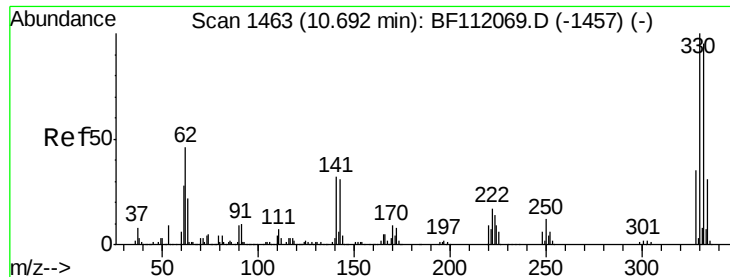
Tgt Ion: 82 Resp: 1023526
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112177.D
Acq: 22 Jan 2019 00:48

Tgt Ion: 164 Resp: 267834
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.4
160 45.4 36.2 54.4

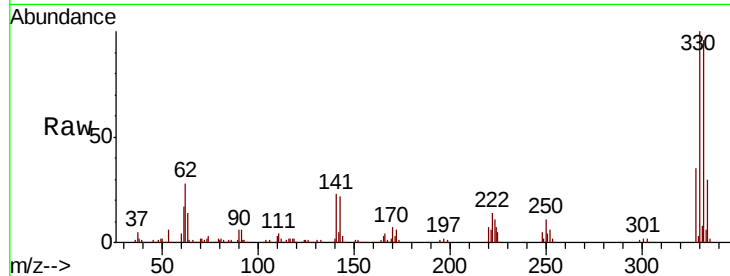




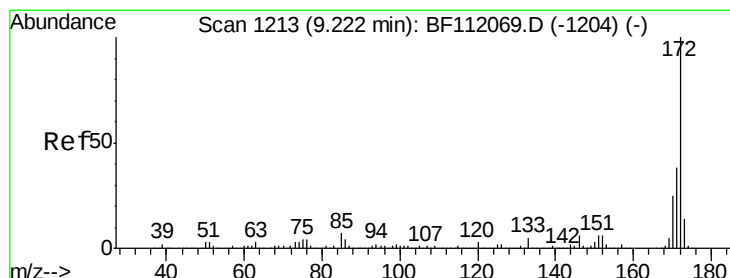
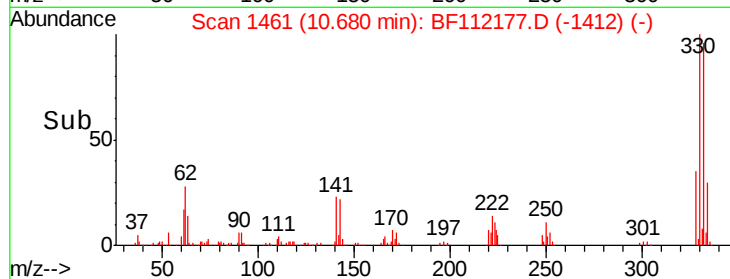
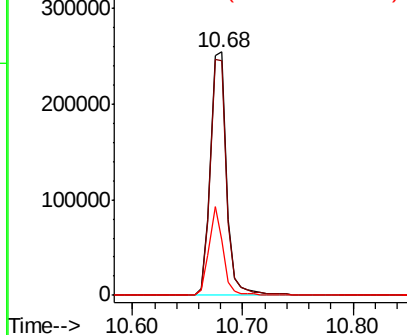
#42
 2,4,6-Tribromophenol
 Concen: 88.484 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Tgt Ion:330 Resp: 255660
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 31.4 24.3 36.5

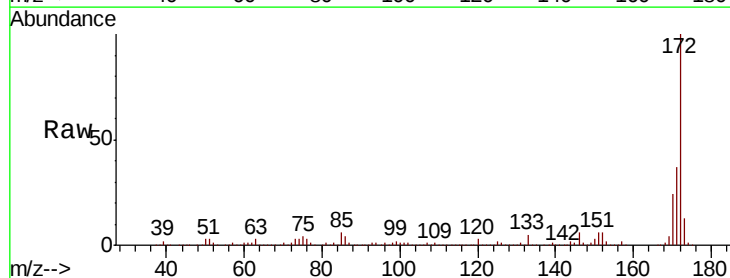


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

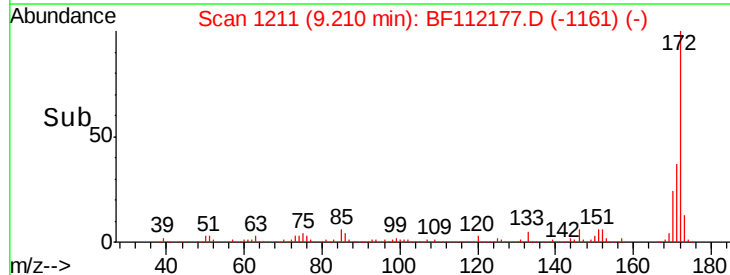
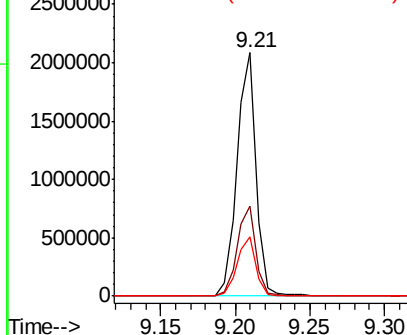


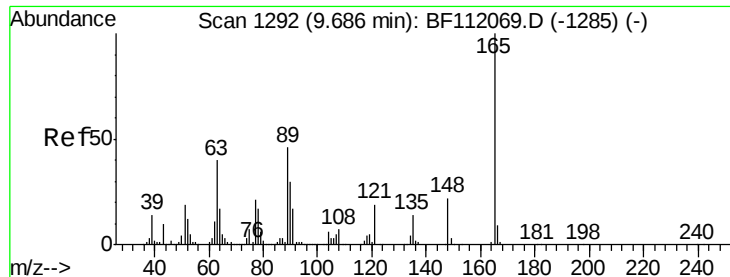
#45
 2-Fluorobiphenyl
 Concen: 102.255 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:172 Resp: 1868027
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.5 45.7
 170 24.2 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

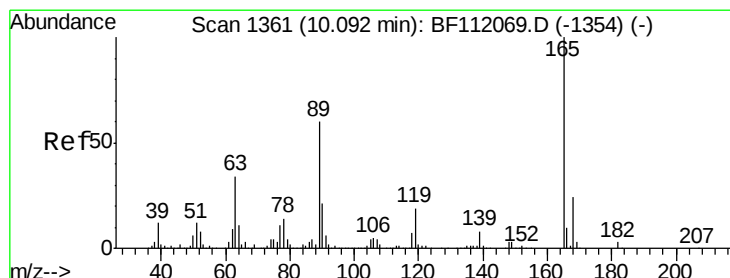
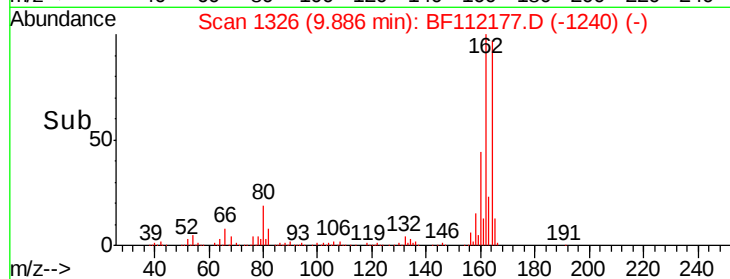
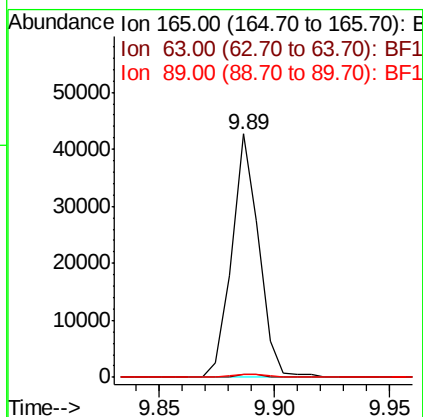
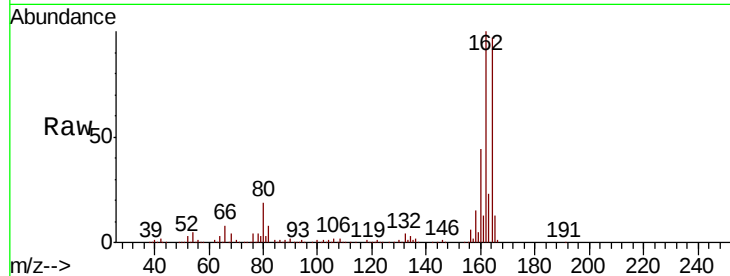




#51
 2,6-Dinitrotoluene
 Concen: 8.927 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

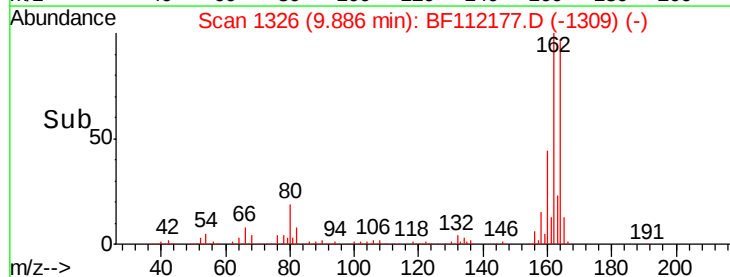
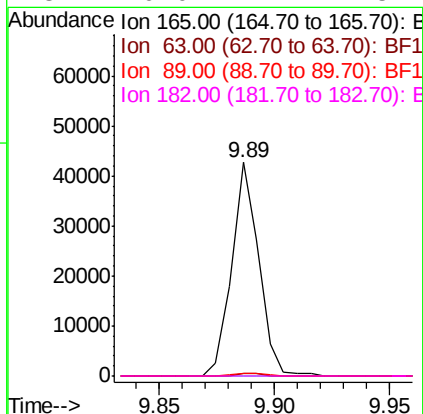
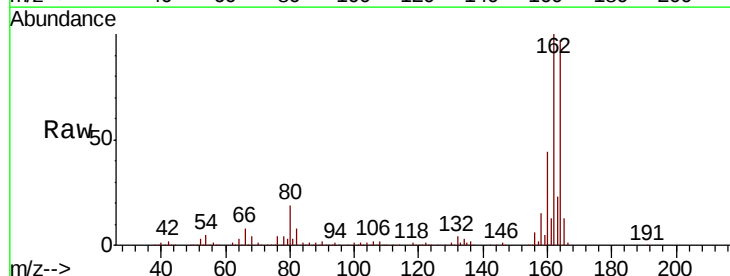
Instrument :
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 011719-DBRI-E-D-M

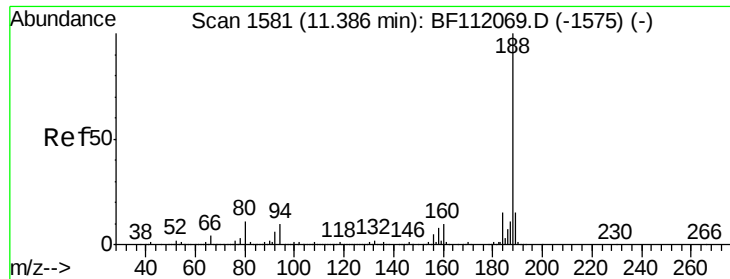
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.8	50.8#
89	1.4	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 10.872 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Instrument :

BNA_F

ClientSampleId :

011719-DBRI-E-D-M

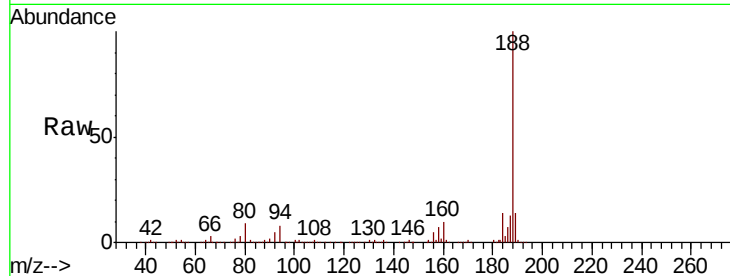
Tgt Ion:188 Resp: 498226

Ion Ratio Lower Upper

188 100

94 8.0 8.2 12.2#

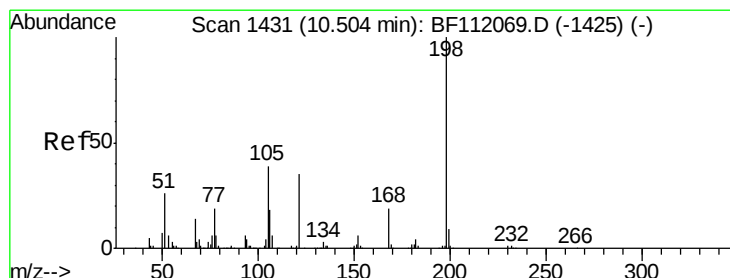
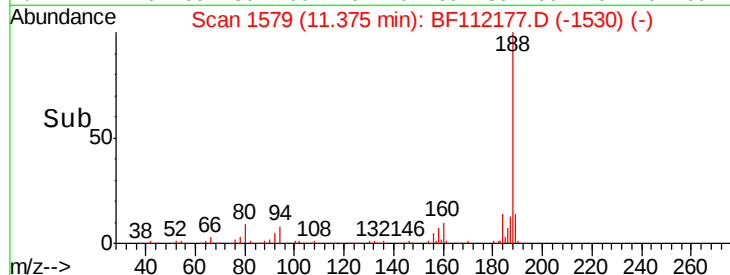
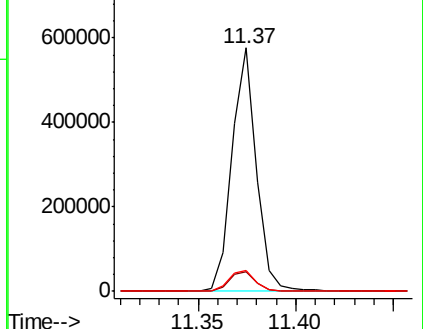
80 8.8 8.9 13.3#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 10.253 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.17 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

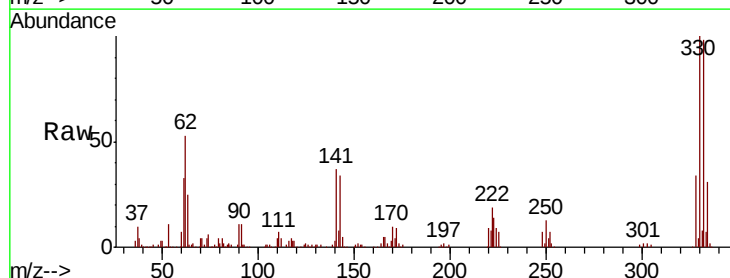
Tgt Ion:198 Resp: 483

Ion Ratio Lower Upper

198 100

51 213.3 17.2 57.2#

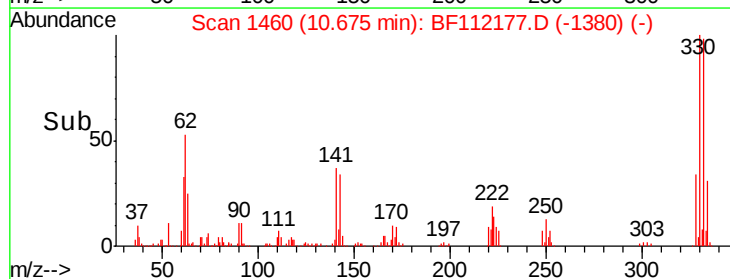
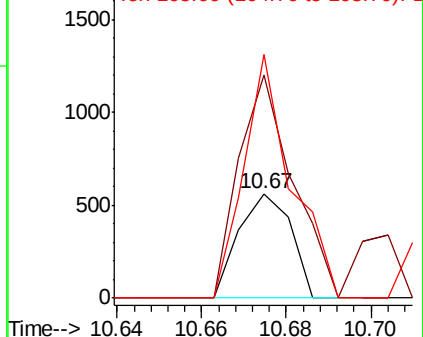
105 232.9 21.9 61.9#

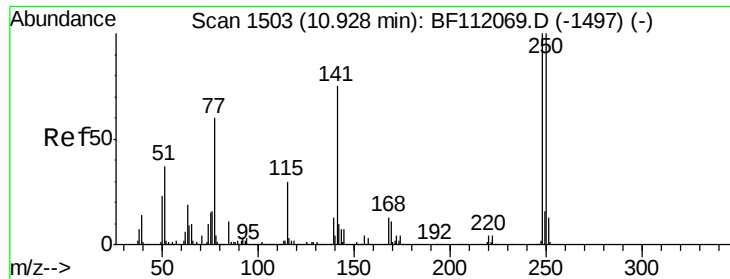


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

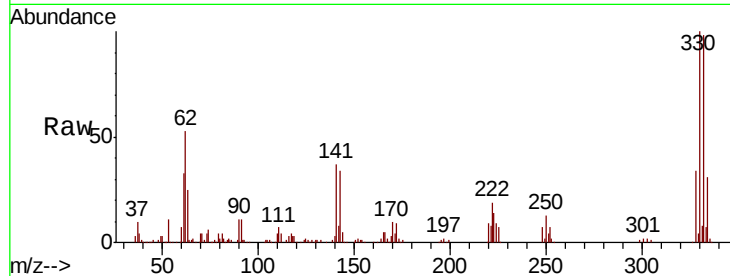




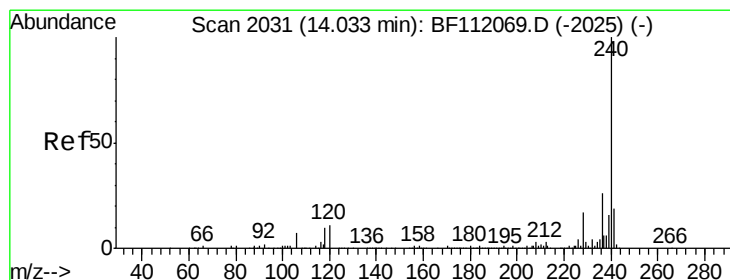
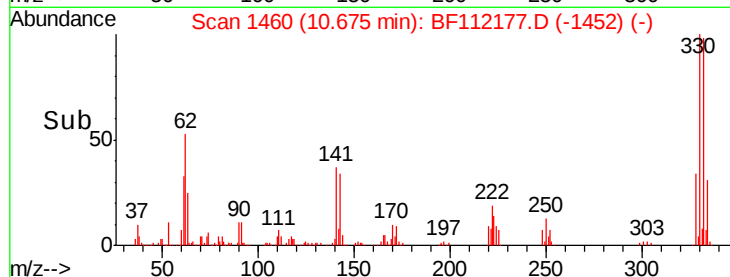
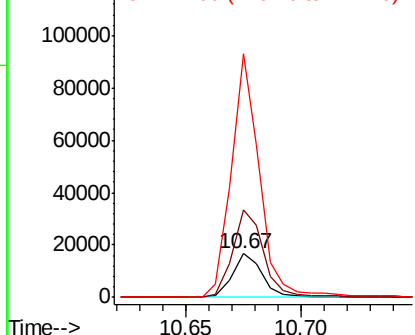
#67
 4-Bromophenyl-phenylether
 Concen: 2.566 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.25 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Instrument :
 BNA_F
 ClientSampleId :
 011719-DBRI-E-D-M

Tgt Ion:248 Resp: 14848
 Ion Ratio Lower Upper
 248 100
 250 198.7 79.7 119.5#
 141 556.7 60.3 90.5#

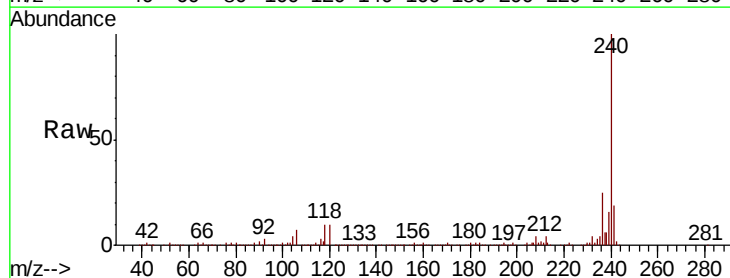


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

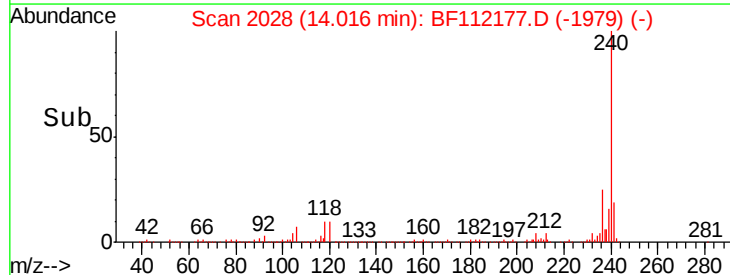
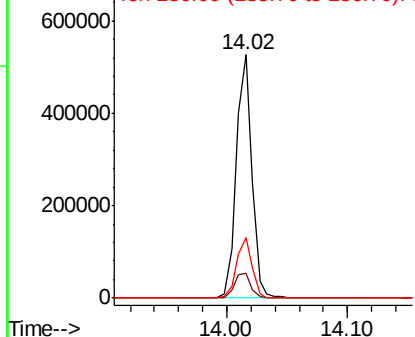


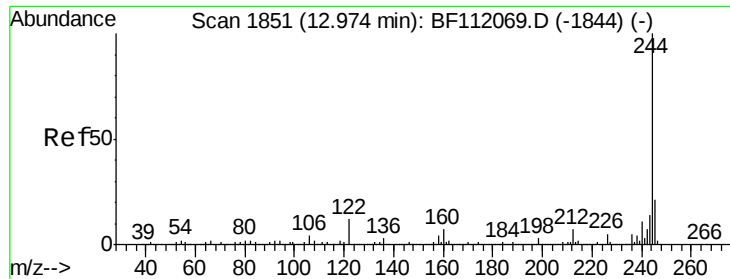
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112177.D
 Acq: 22 Jan 2019 00:48

Tgt Ion:240 Resp: 476236
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.0 13.6
 236 24.7 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: 80.613 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

Instrument :

BNA_F

ClientSampleId :

011719-DBRI-E-D-M

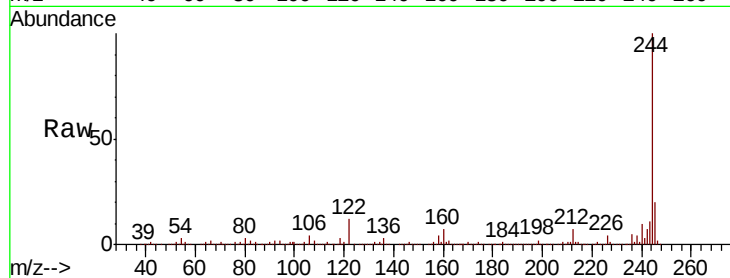
Tgt Ion:244 Resp: 1804605

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

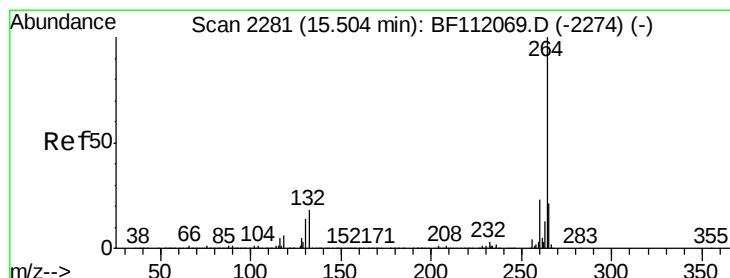
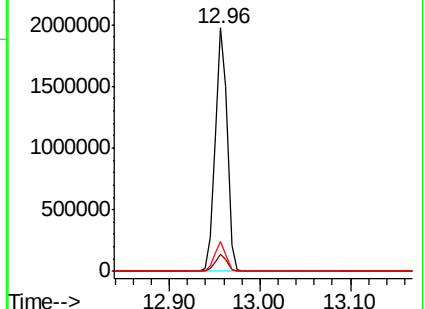
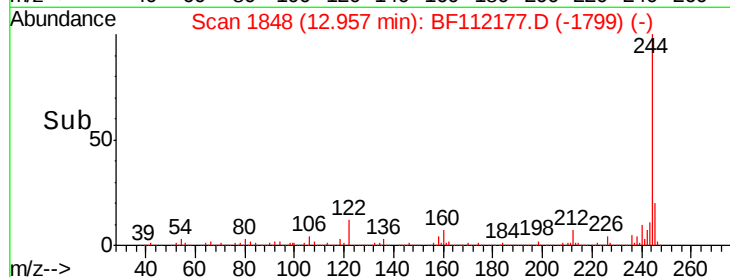
122 12.1 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112177.D

Acq: 22 Jan 2019 00:48

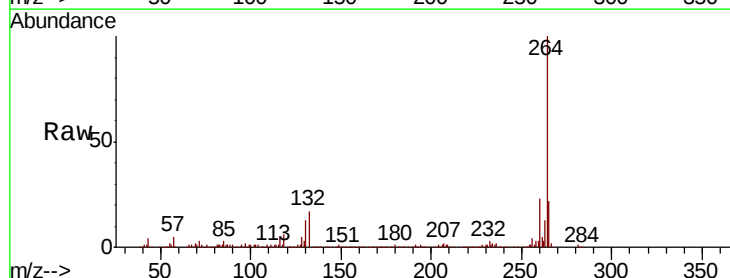
Tgt Ion:264 Resp: 331582

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 21.5 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

