

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112176.D
 Acq On : 22 Jan 2019 00:20
 Operator : JU/SJ
 Sample : K1206-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Quant Time: Jan 22 01:29:09 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

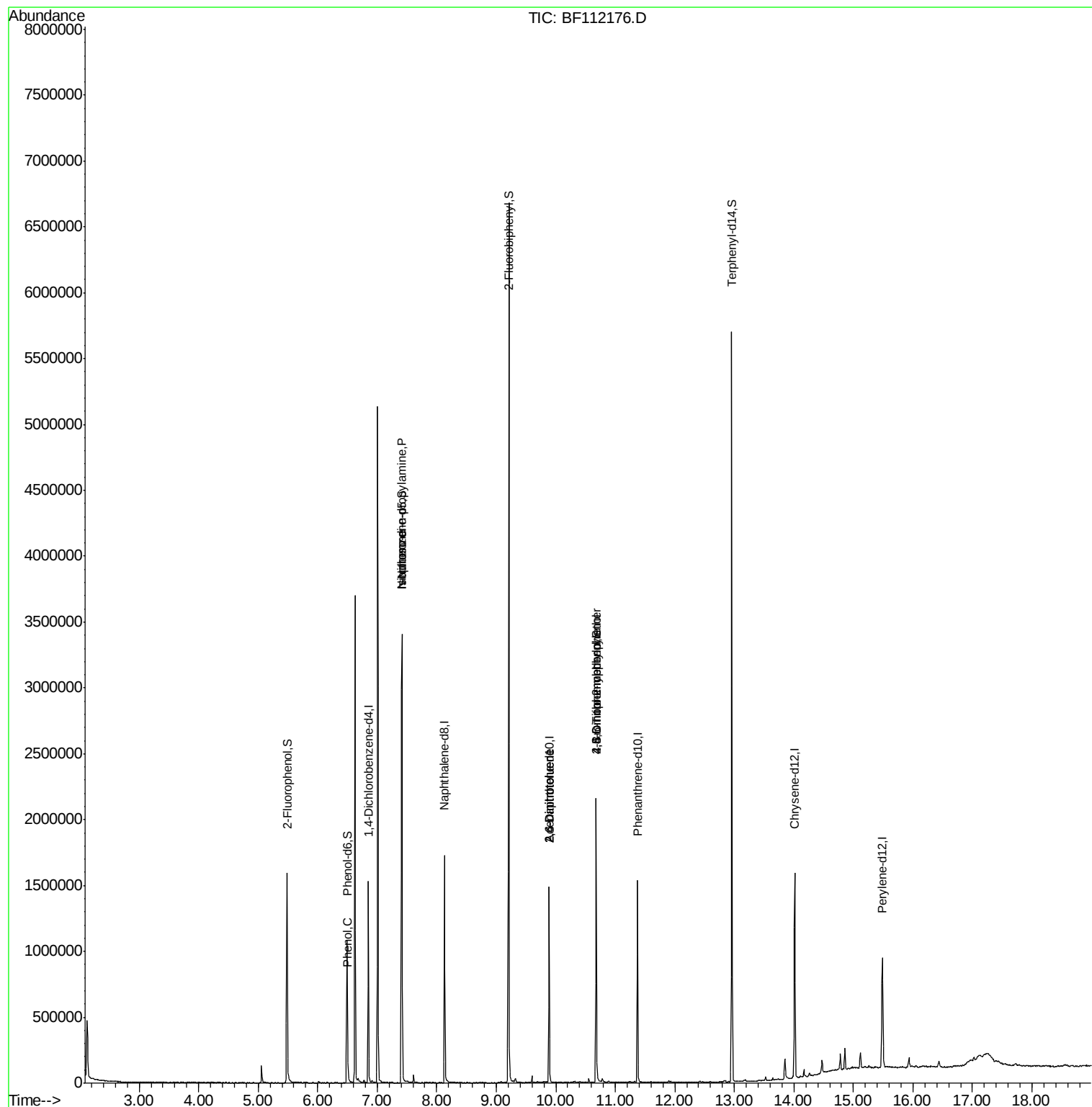
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	218691	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	733116	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	295729	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	534810	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	505024	20.00	ng	-0.01
87) Perylene-d12	15.49	264	364327	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	507293	42.10	ng	0.00
7) Phenol-d6	6.49	99	367643	24.39	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1156206	108.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	290098	90.93	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1992007	98.76	ng	0.00
79) Terphenyl-d14	12.96	244	1973888	83.15	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1072	Below Cal	Qvalue	# 1
10) Phenol	6.50	94	50827	3.085 ng	#	74
19) n-Nitroso-di-n-propylamine	7.42	70	155118	16.891 ng	#	75
25) Isophorone	7.42	82	1150408	56.129 ng	#	63
51) 2,6-Dinitrotoluene	9.89	165	37015	8.594 ng	#	33
57) 2,4-Dinitrotoluene	9.89	165	37015	10.638 ng	#	31
65) 4,6-Dinitro-2-methylphenol	10.68	198	590	10.279 ng	#	1
67) 4-Bromophenyl-phenylether	10.68	248	17734	2.855 ng	#	1

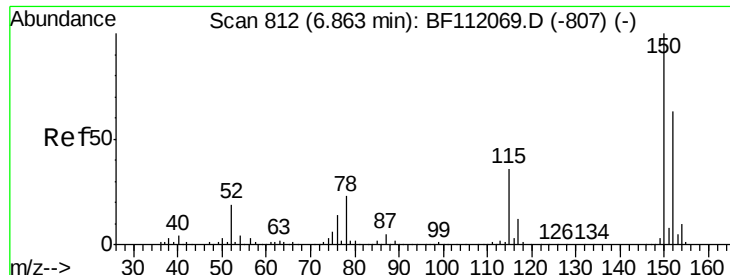
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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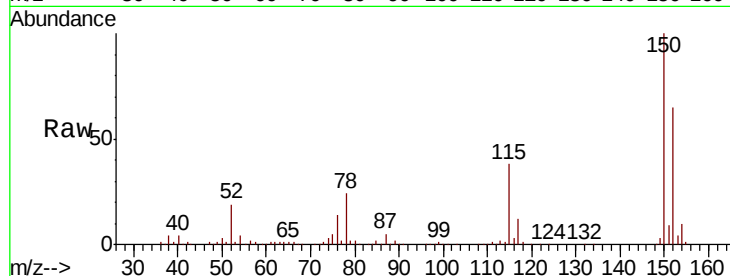




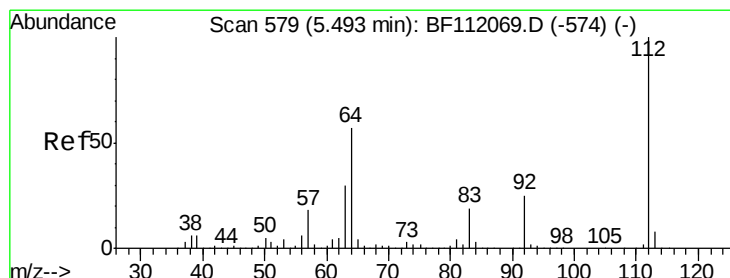
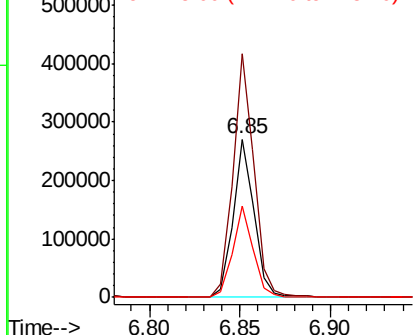
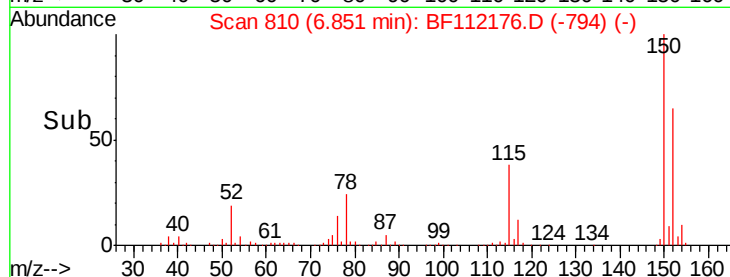
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Tgt Ion:152 Resp: 218691
 Ion Ratio Lower Upper
 152 100
 150 154.0 127.4 191.0
 115 58.1 45.5 68.3

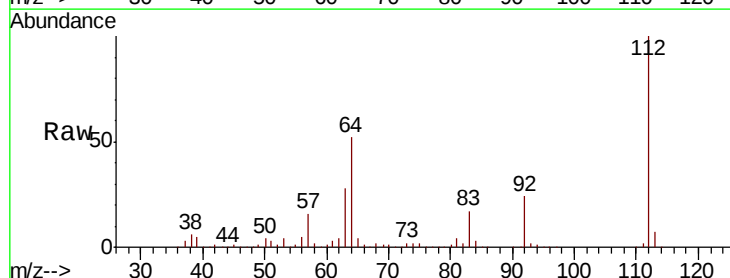


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

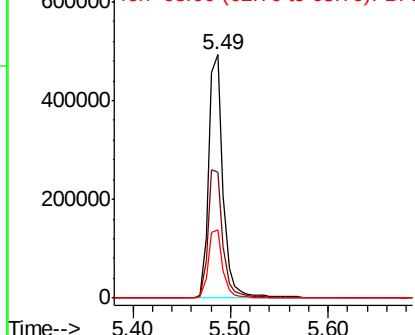
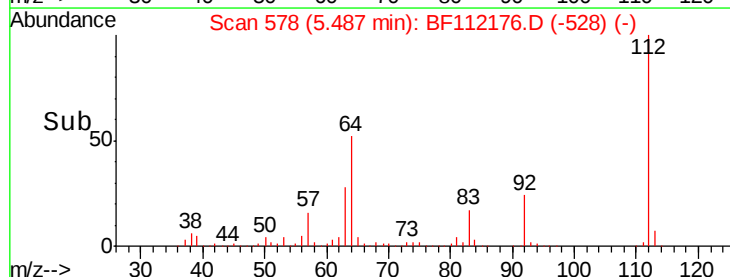


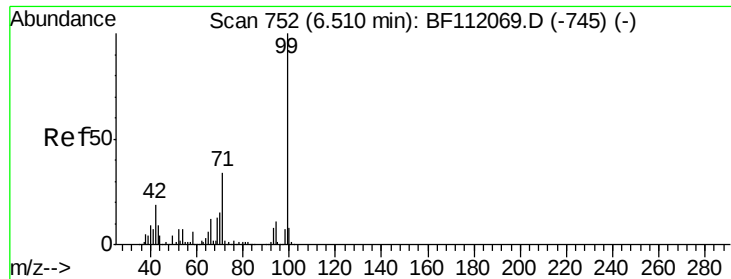
#5
 2-Fluorophenol
 Concen: 42.103 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:112 Resp: 507293
 Ion Ratio Lower Upper
 112 100
 64 51.8 45.7 68.5
 63 27.8 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: 24.388 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-U-M

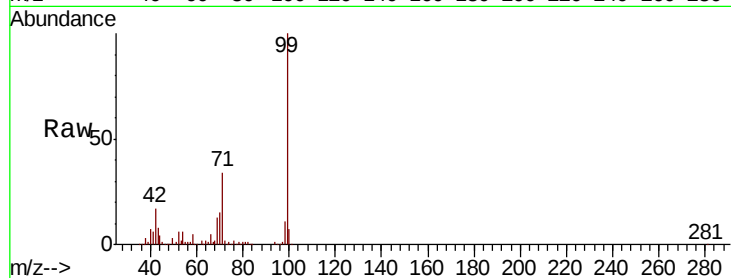
Tgt Ion: 99 Resp: 367643

Ion Ratio Lower Upper

99 100

42 17.2 15.1 22.7

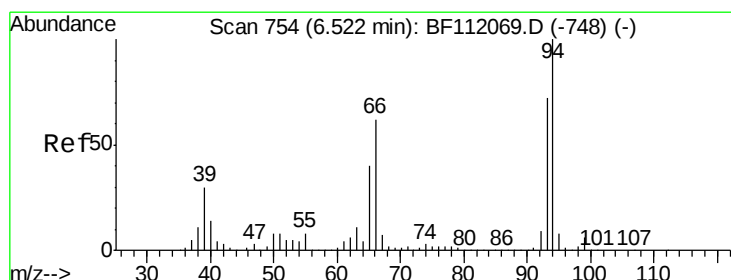
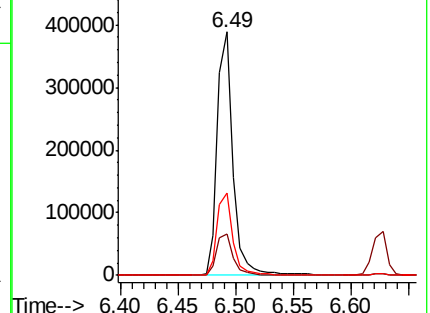
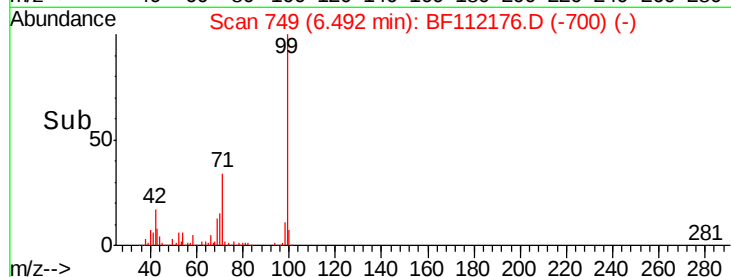
71 34.0 26.9 40.3



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



#10

Phenol

Concen: 3.085 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

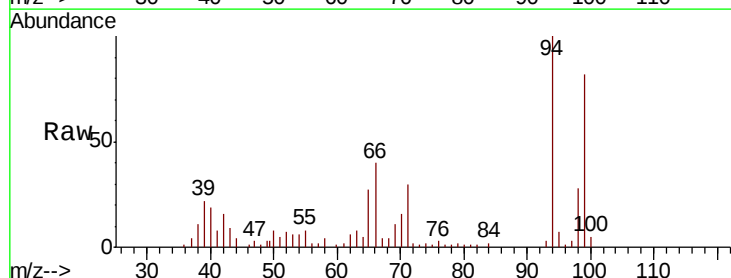
Tgt Ion: 94 Resp: 50827

Ion Ratio Lower Upper

94 100

65 26.9 20.3 60.3

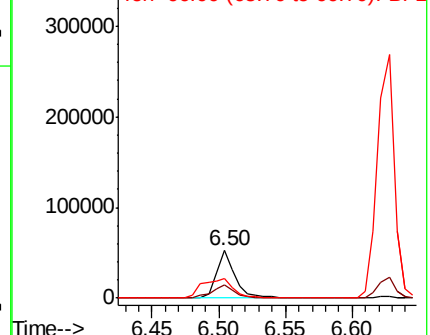
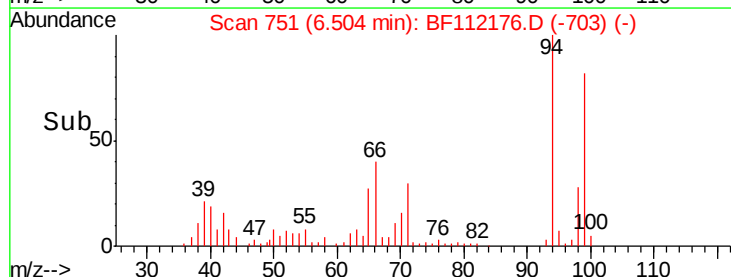
66 40.2 42.4 82.4#

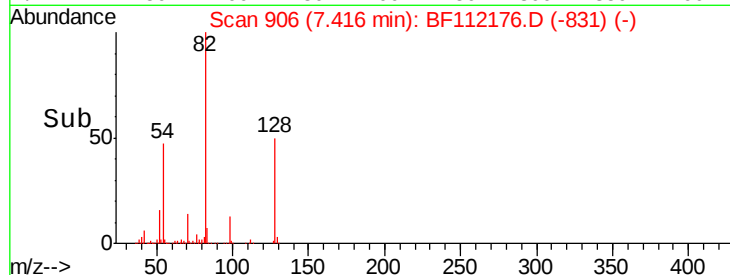
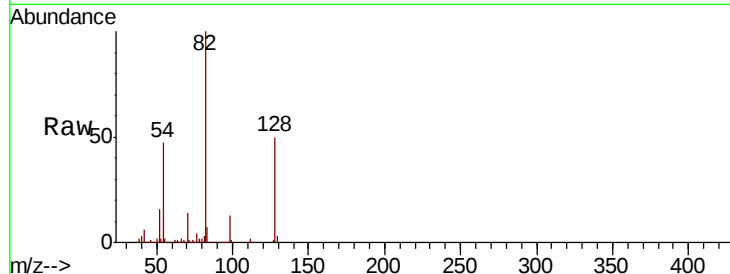
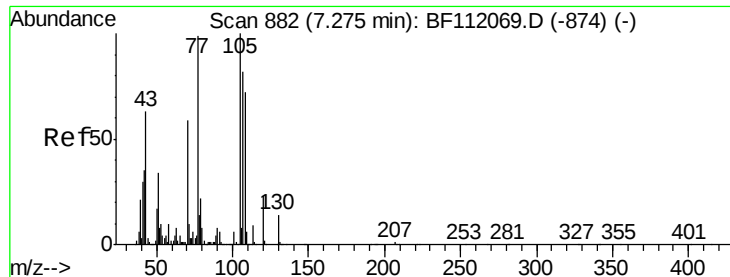


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

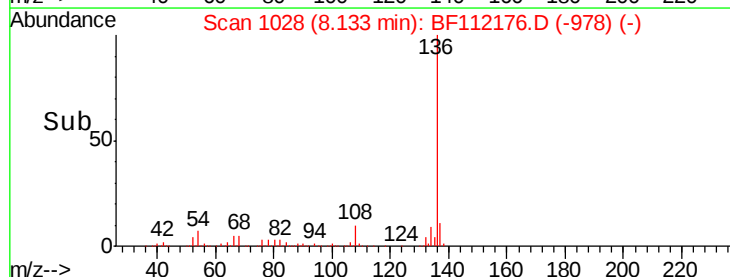
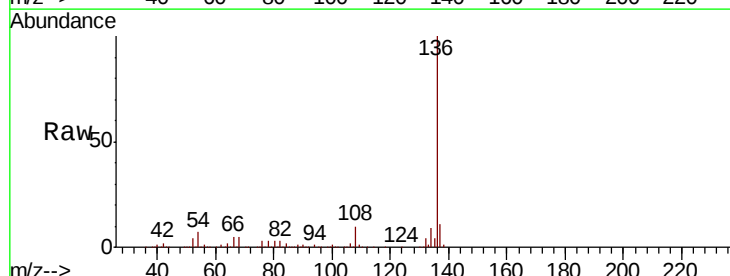
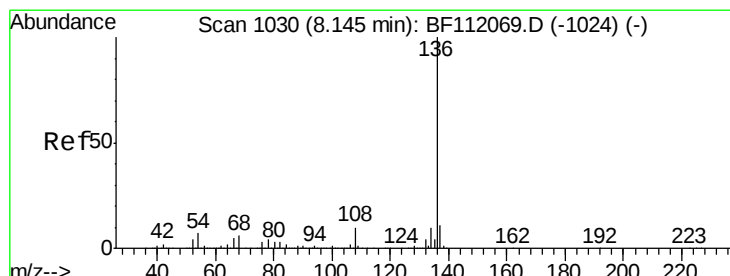
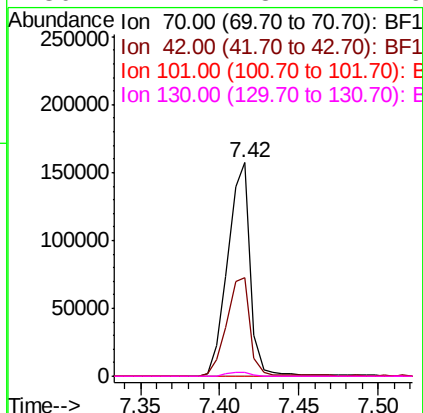




#19
n-Nitroso-di-n-propylamine
Concen: 16.891 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

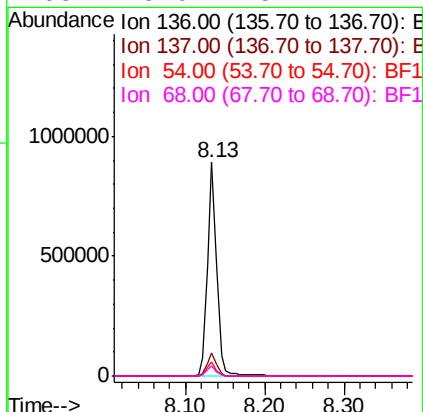
Instrument :
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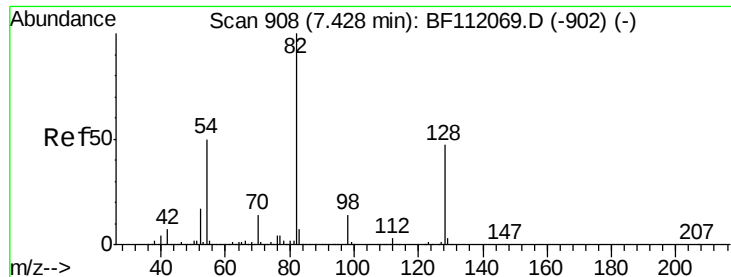
Tgt Ion:	70	Resp:	155118
Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.6	71.4#
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Tgt Ion:	136	Resp:	733116
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	5.0	5.1	7.7#

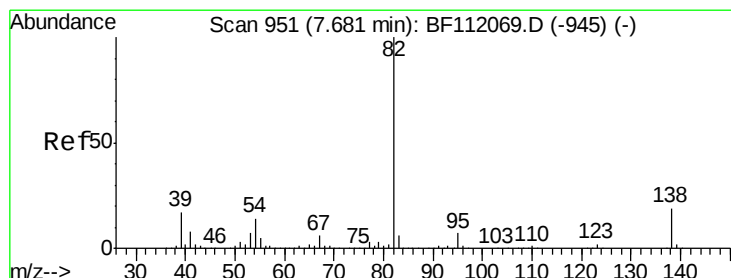
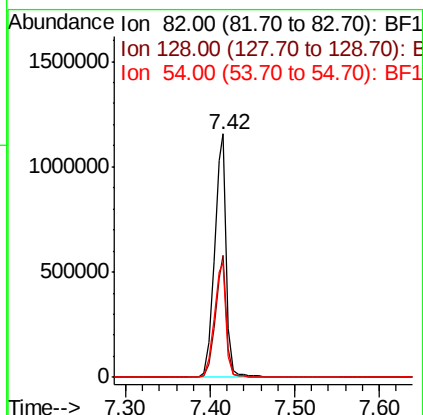
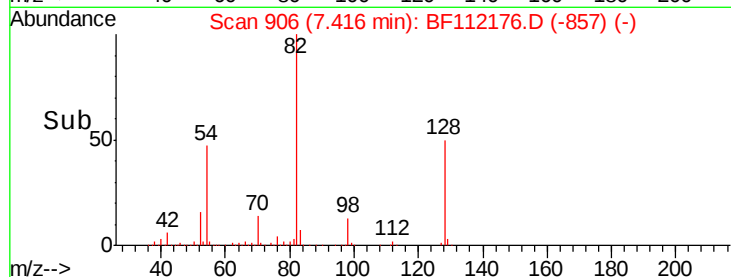
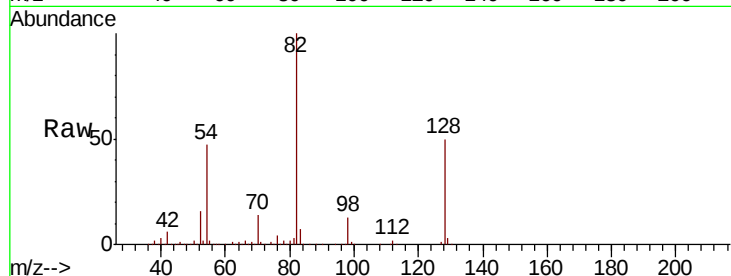




#23
 Nitrobenzene-d5
 Concen: 108.961 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

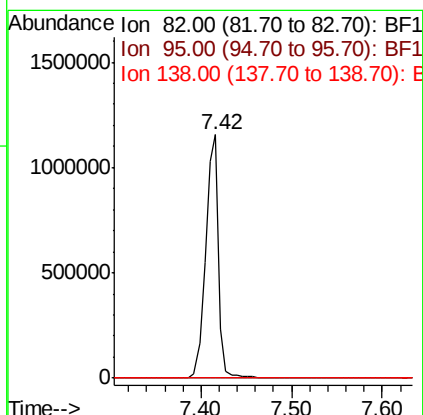
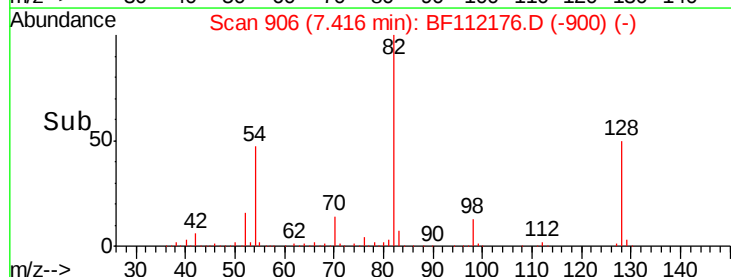
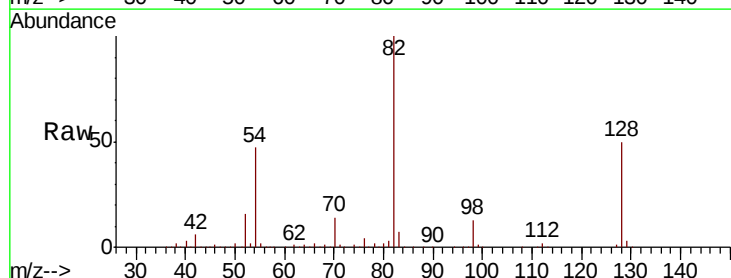
Instrument :
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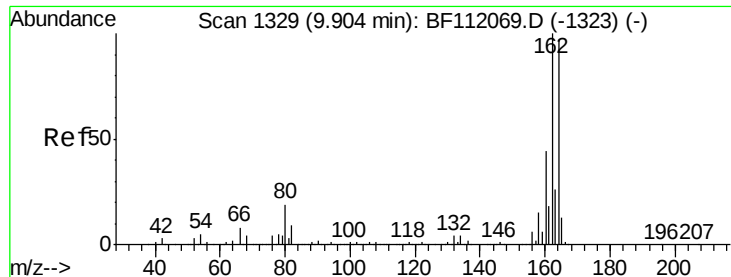
Tgt Ion: 82 Resp: 1156206
 Ion Ratio Lower Upper
 82 100
 128 49.9 37.8 56.8
 54 46.8 39.7 59.5



#25
 Isophorone
 Concen: 56.129 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.26 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion: 82 Resp: 1150408
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#

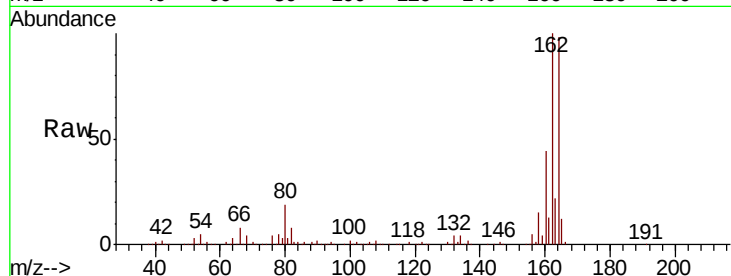




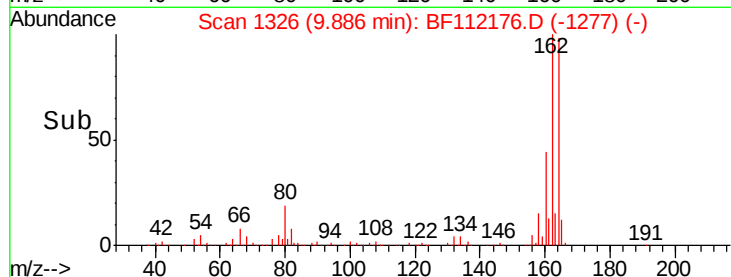
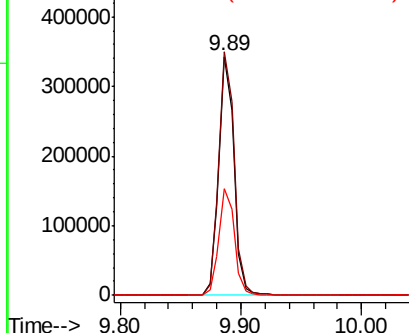
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Tgt Ion:164 Resp: 295729
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.2 123.4
 160 44.4 36.2 54.4

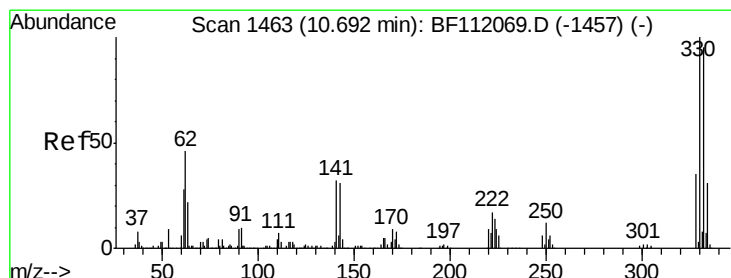


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

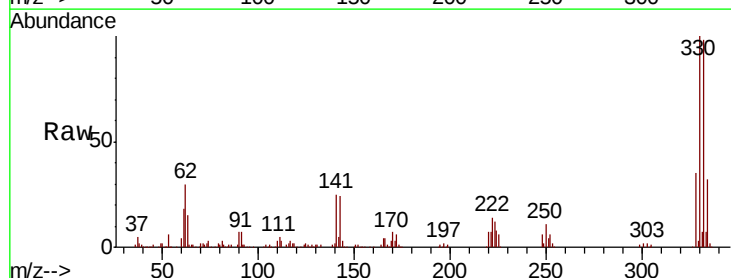
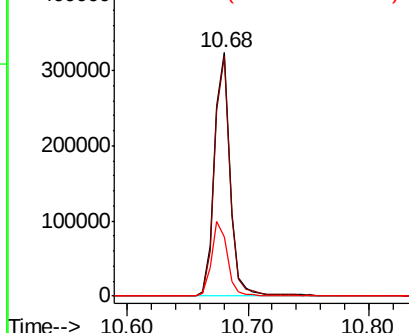


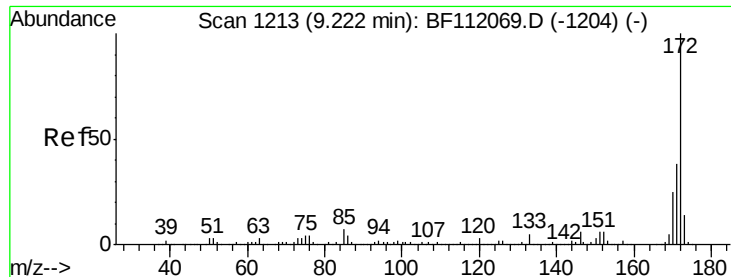
#42
 2,4,6-Tribromophenol
 Concen: 90.932 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:330 Resp: 290098
 Ion Ratio Lower Upper
 330 100
 332 97.2 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

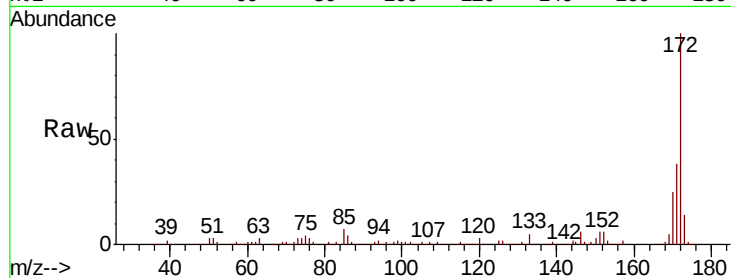




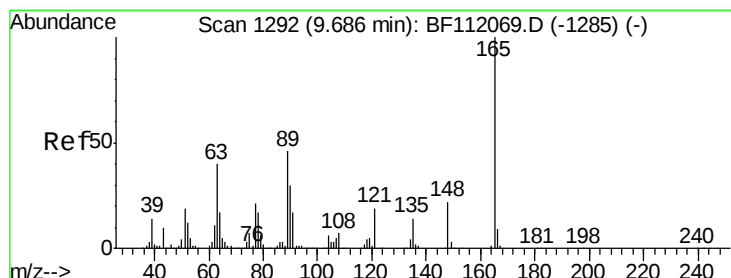
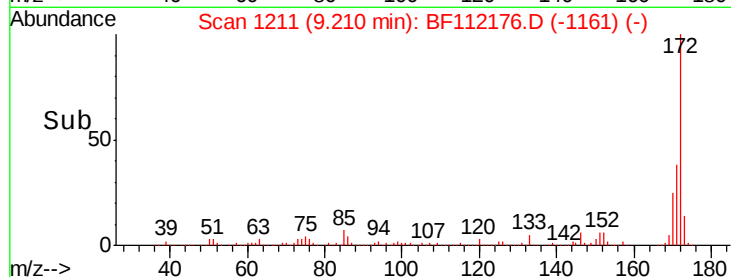
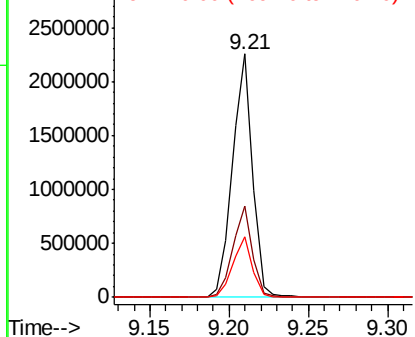
#45
 2-Fluorobiphenyl
 Concen: 98.756 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Instrument :
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 011819-DBRI-E-U-M

Tgt Ion:172 Resp: 1992007
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 24.8 20.2 30.4

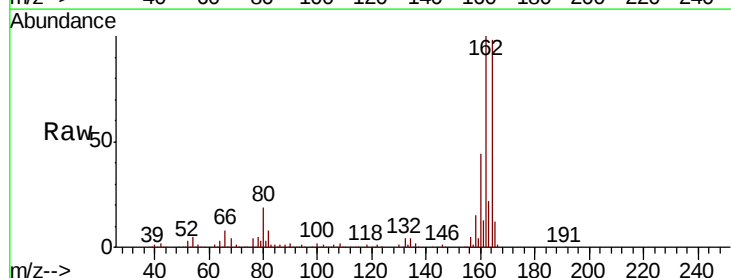


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

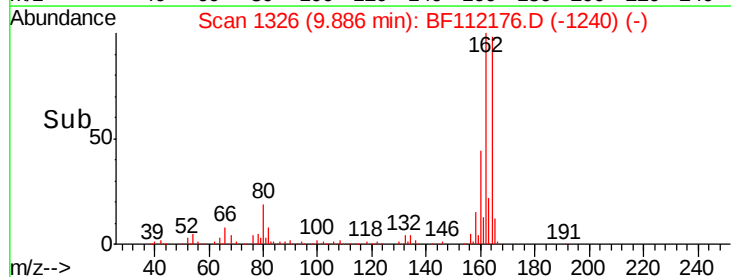
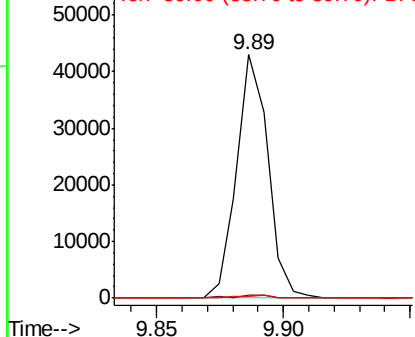


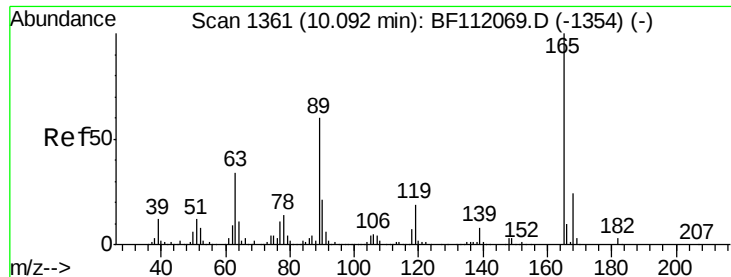
#51
 2,6-Dinitrotoluene
 Concen: 8.594 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:165 Resp: 37015
 Ion Ratio Lower Upper
 165 100
 63 1.1 33.8 50.8#
 89 0.9 36.9 55.3#



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

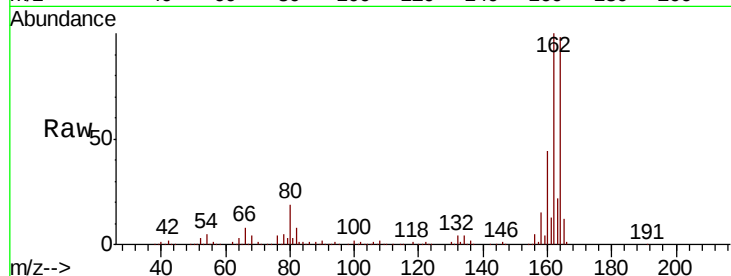




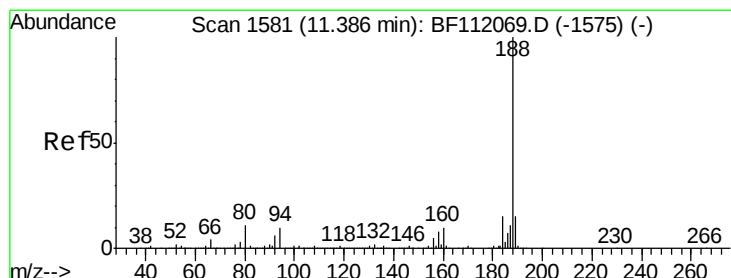
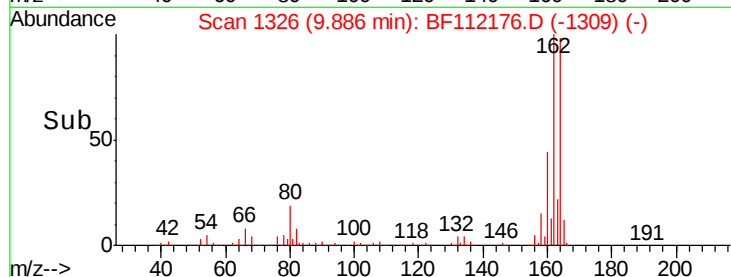
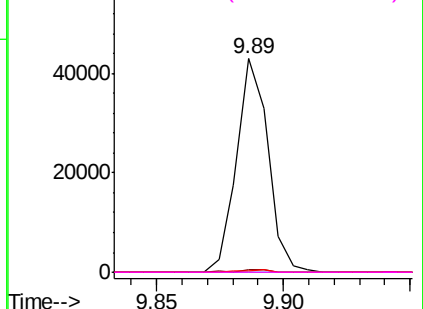
#57
 2,4-Dinitrotoluene
 Concen: 10.638 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Instrument :
 BNA_F
 ClientSampleId :
 011819-DBRI-E-U-M

Tgt Ion:	165	Resp:	37015
Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	0.9	47.9	71.9#
182	0.0	2.2	3.4#

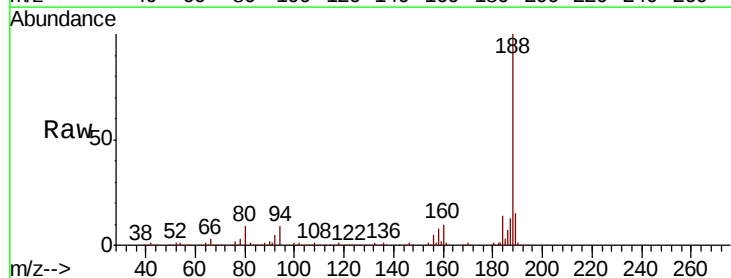


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

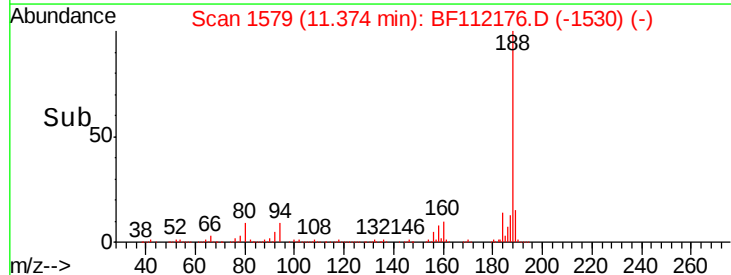
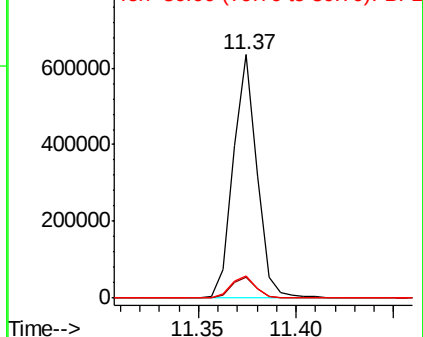


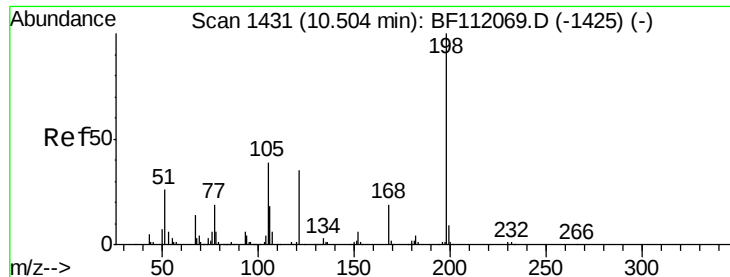
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF112176.D
 Acq: 22 Jan 2019 00:20

Tgt Ion:	188	Resp:	534810
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.3	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: 10.279 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.18 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-U-M

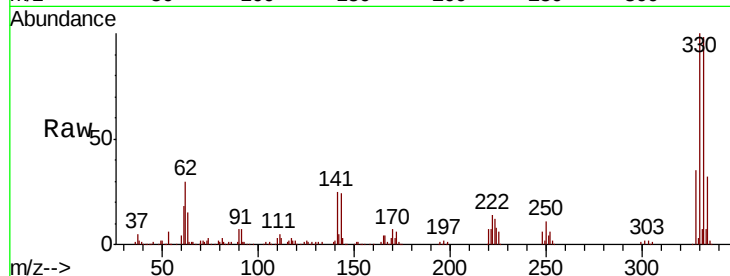
Tgt Ion:198 Resp: 590

Ion Ratio Lower Upper

198 100

51 168.5 17.2 57.2#

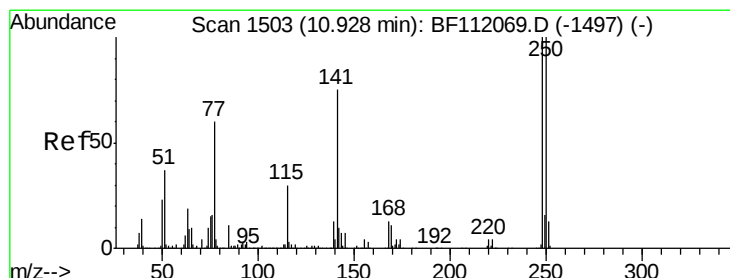
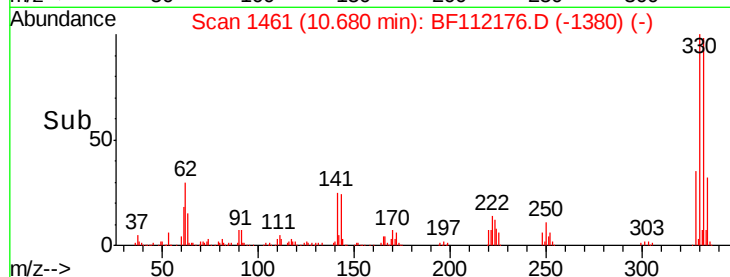
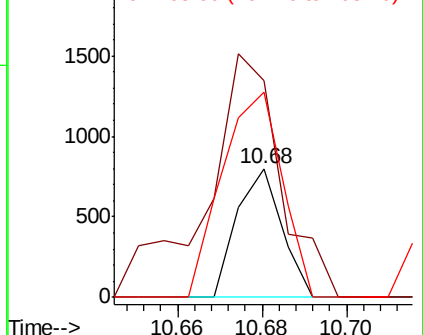
105 159.8 21.9 61.9#



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: 2.855 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF112176.D

Acq: 22 Jan 2019 00:20

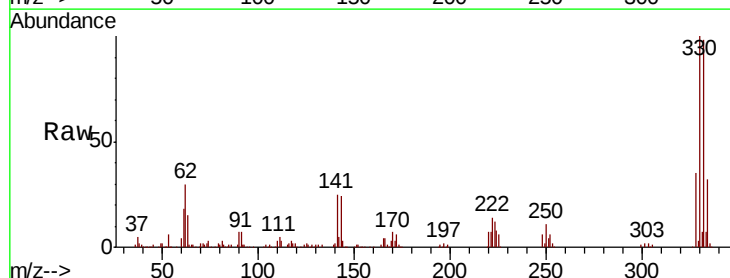
Tgt Ion:248 Resp: 17734

Ion Ratio Lower Upper

248 100

250 194.3 79.7 119.5#

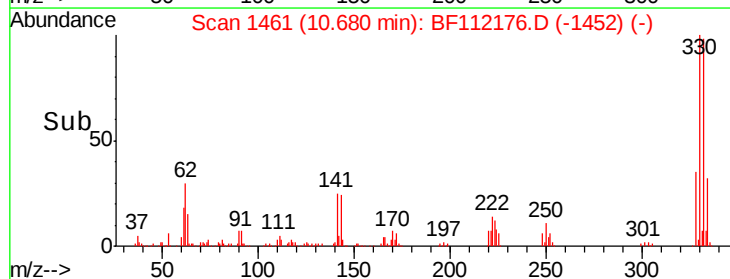
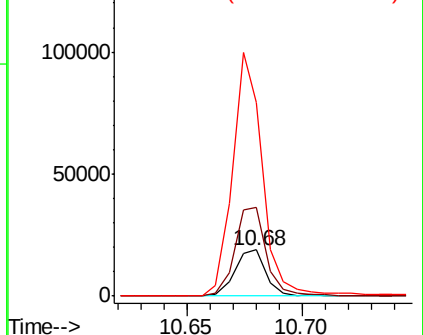
141 422.2 60.3 90.5#

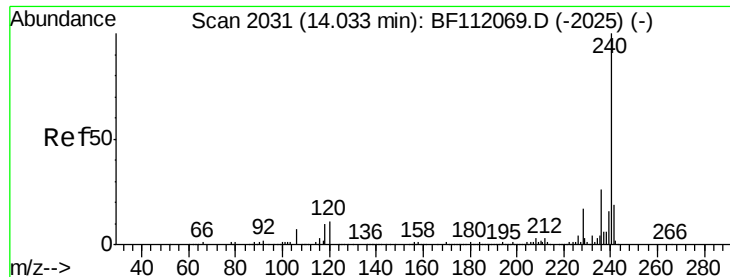


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

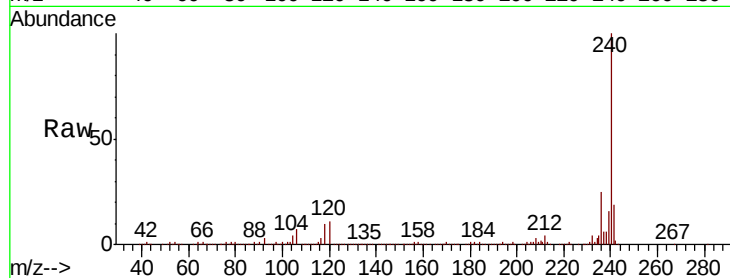




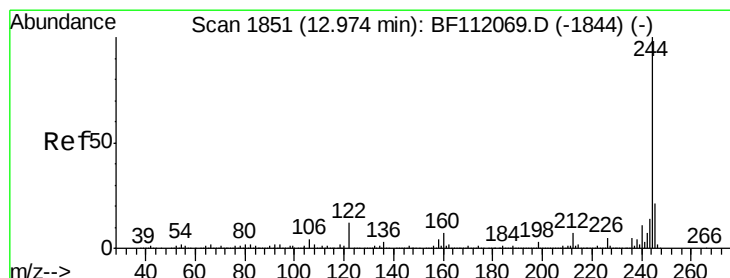
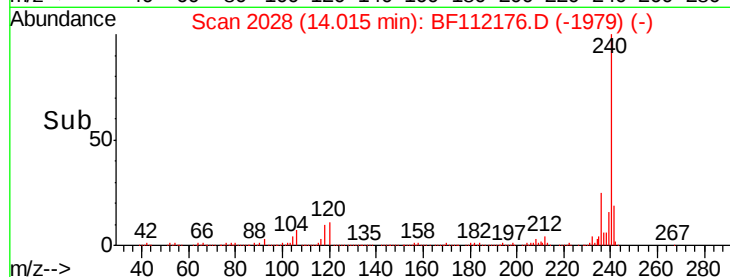
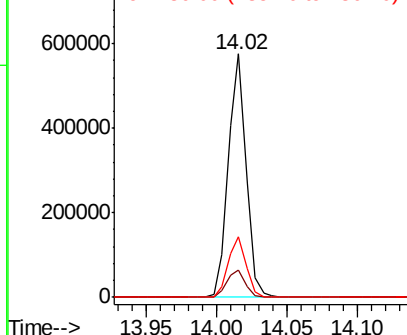
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Instrument :
BNA_F
ClientSampleId :
011819-DBRI-E-U-M

Tgt Ion:240 Resp: 505024
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.6
236 25.1 20.7 31.1

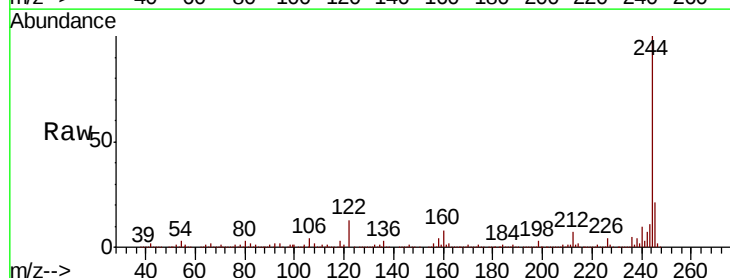


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

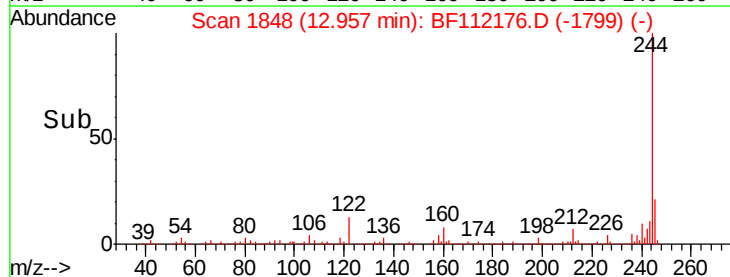
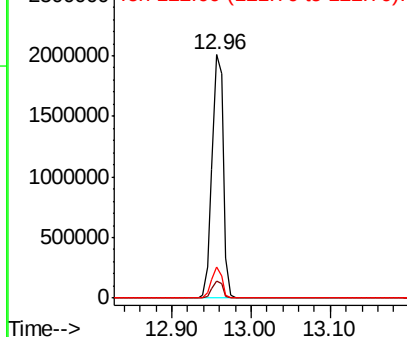


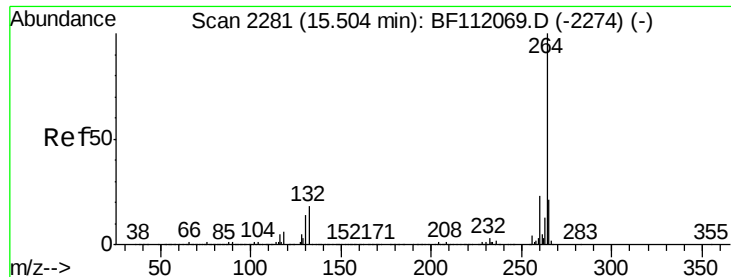
#79
Terphenyl-d14
Concen: 83.149 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112176.D
Acq: 22 Jan 2019 00:20

Tgt Ion:244 Resp: 1973888
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.8 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: BF112176.D
Acq: 22 Jan 2019 00:20

Instrument :
BNA_F
ClientSampleId :
011819-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	22.3	17.0	25.4

