

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
 Data File : BF112175.D
 Acq On : 21 Jan 2019 23:52
 Operator : JU/SJ
 Sample : K1206-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jan 22 01:28:58 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

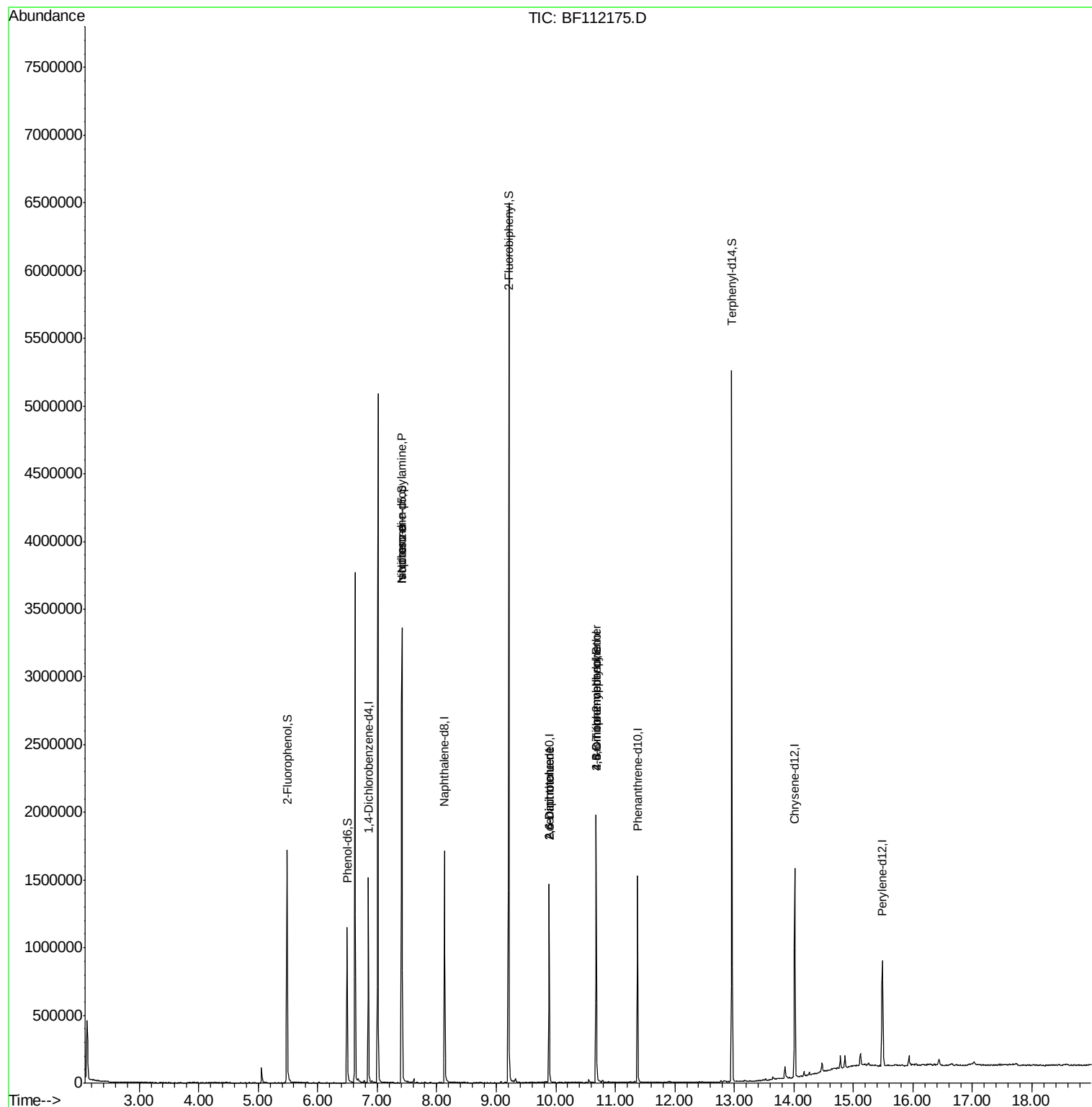
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	224269	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	742698	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	287183	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	527932	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	484260	20.00	ng	-0.01
87) Perylene-d12	15.49	264	344515	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	517462	41.88	ng	0.00
7) Phenol-d6	6.49	99	378815	24.50	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1110500	103.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	277790	89.67	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1892204	96.60	ng	0.00
79) Terphenyl-d14	12.96	244	1877739	82.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	148484	15.766	ng	# 76
25) Isophorone	7.42	82	1105272	53.231	ng	# 64
51) 2,6-Dinitrotoluene	9.89	165	36759	8.789	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	36759	10.775	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.67	198	628	10.295	ng	# 1
67) 4-Bromophenyl-phenylether	10.68	248	16765	2.734	ng	# 1

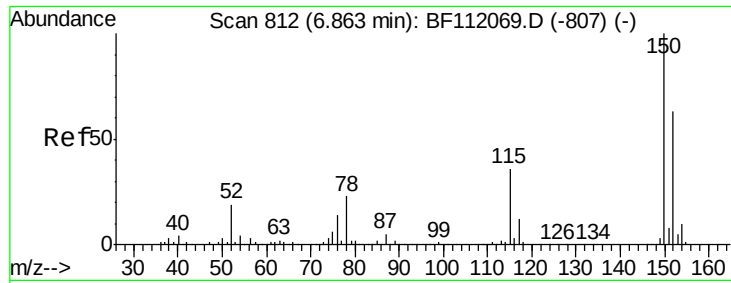
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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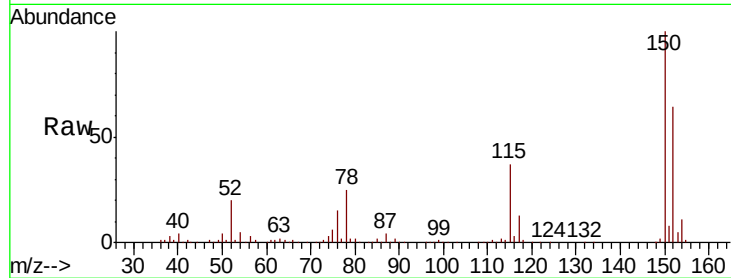




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	58.5	45.5	68.3

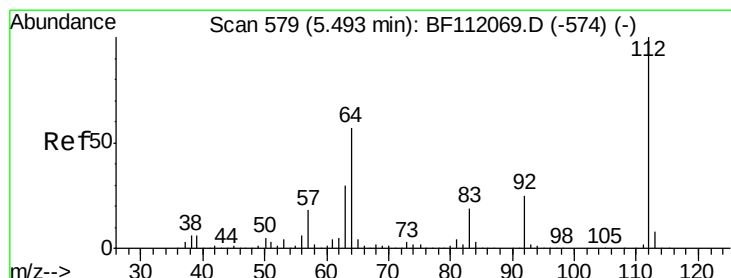
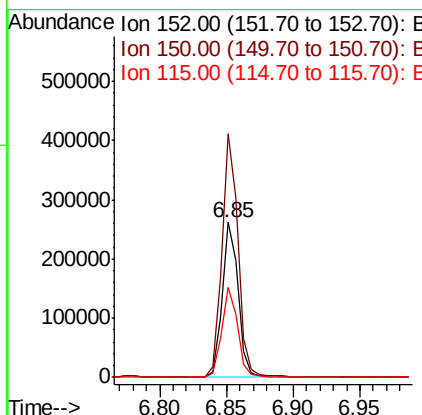
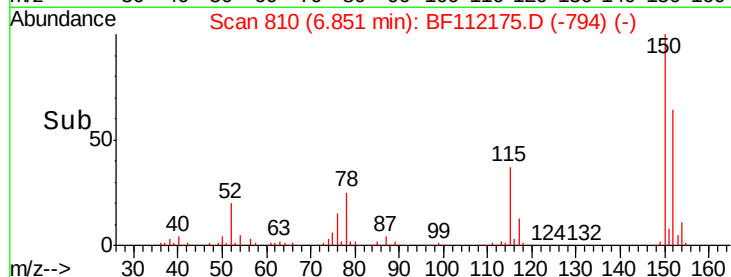


Abundance

Ion 152.00 (151.70 to 152.70): E

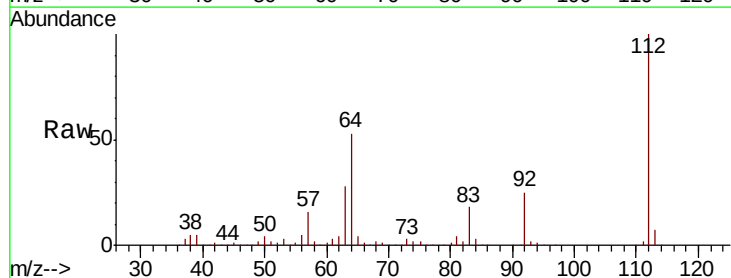
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 41.879 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.7	68.5
63	28.1	23.6	35.4

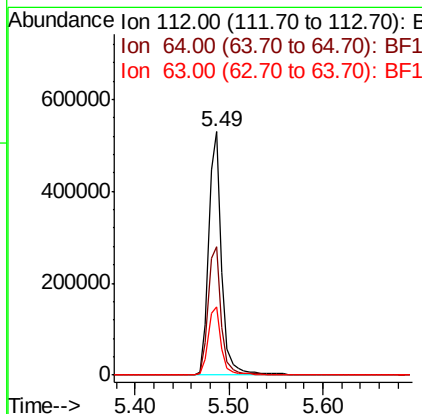
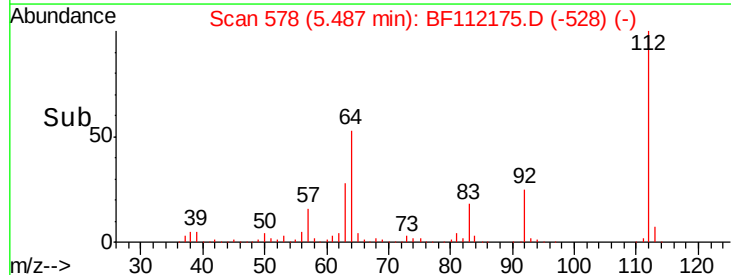


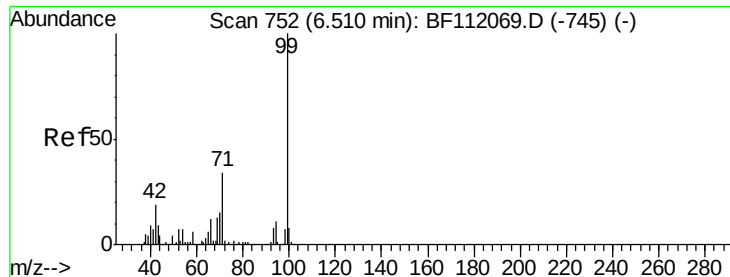
Abundance

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: 24.504 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-D-M

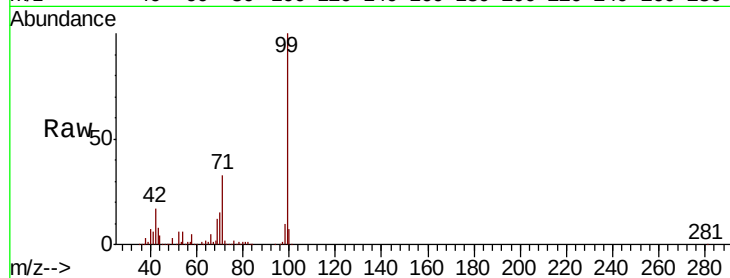
Tgt Ion: 99 Resp: 378815

Ion Ratio Lower Upper

99 100

42 17.5 15.1 22.7

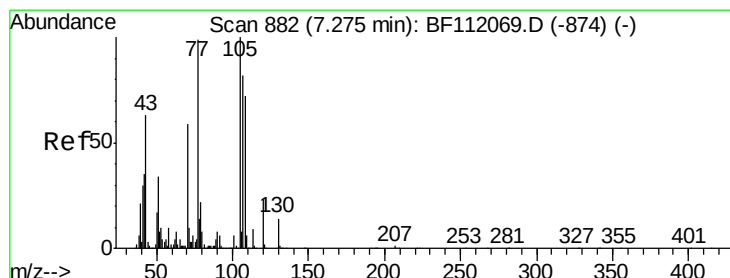
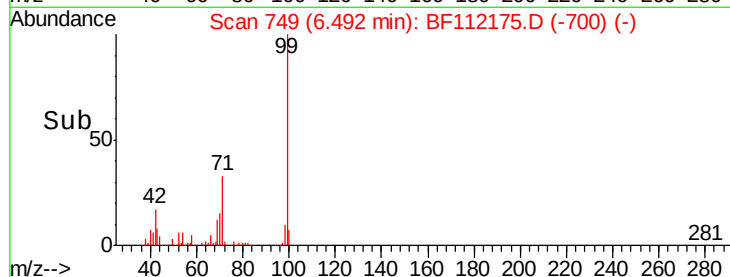
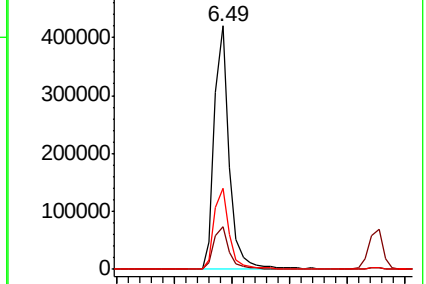
71 33.3 26.9 40.3



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: 15.766 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

Tgt Ion: 70 Resp: 148484

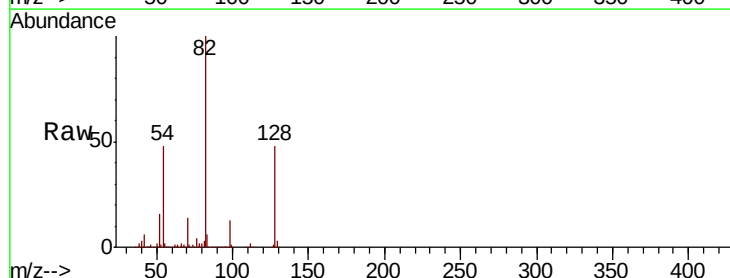
Ion Ratio Lower Upper

70 100

42 46.9 47.6 71.4#

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

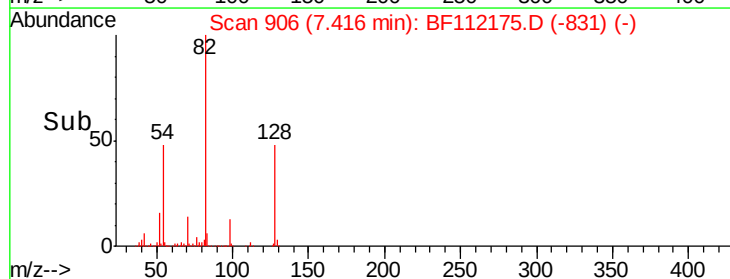
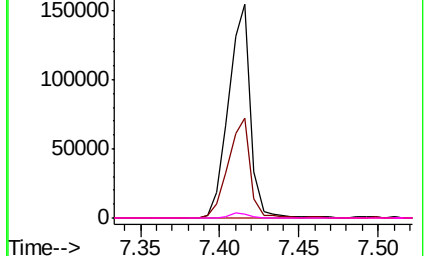


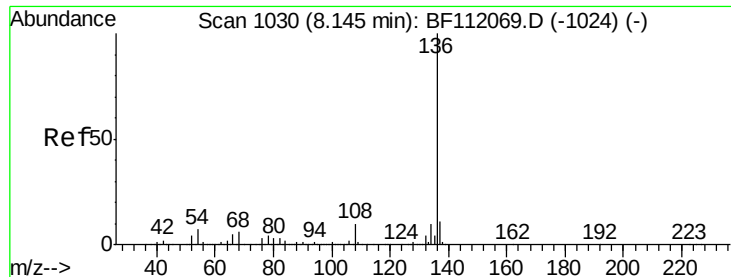
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

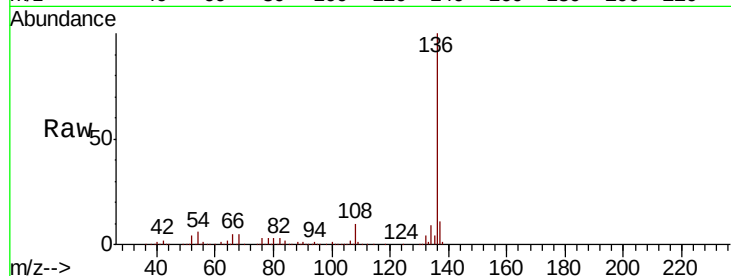




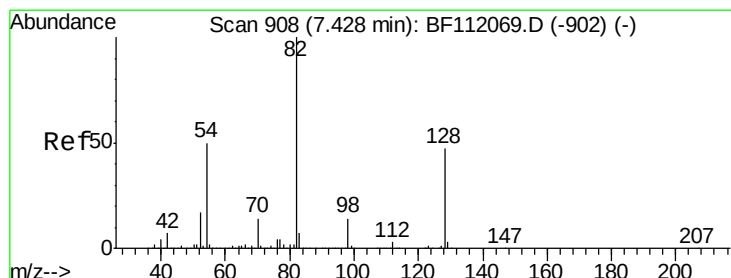
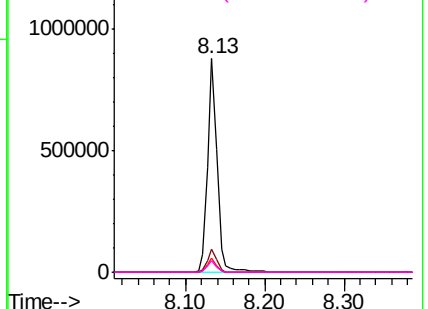
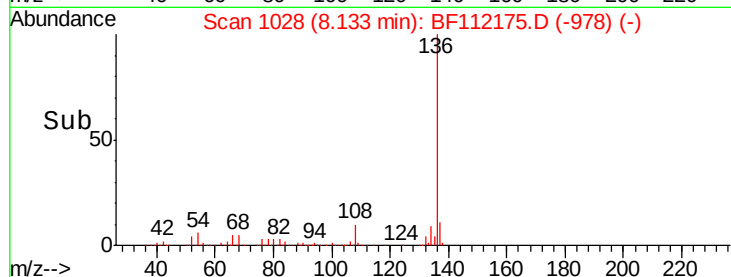
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112175.D
Acq: 21 Jan 2019 23:52

Instrument :
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011819-DBRI-E-D-M

Tgt Ion:	136	Resp:	742698
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.5	5.9	8.9
68	5.3	5.1	7.7

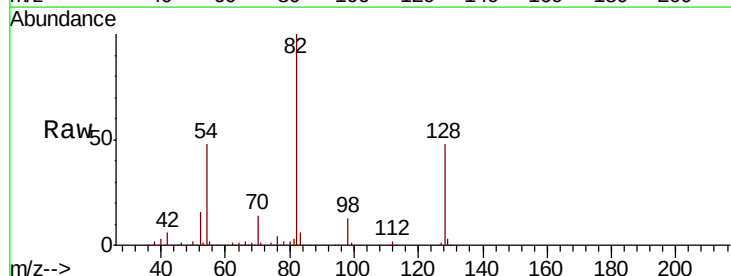


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

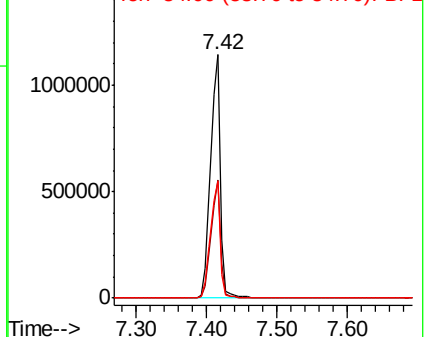
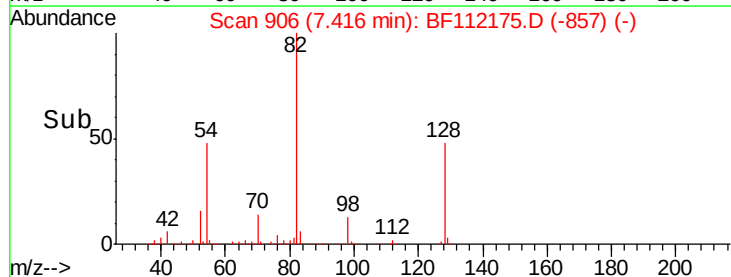


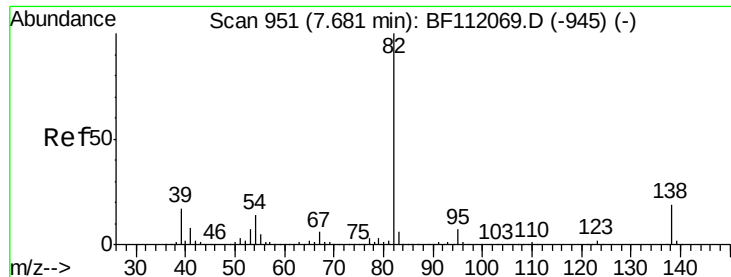
#23
Nitrobenzene-d5
Concen: 103.303 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112175.D
Acq: 21 Jan 2019 23:52

Tgt Ion:	82	Resp:	1110500
Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.8	56.8
54	47.9	39.7	59.5



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: 53.231 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-D-M

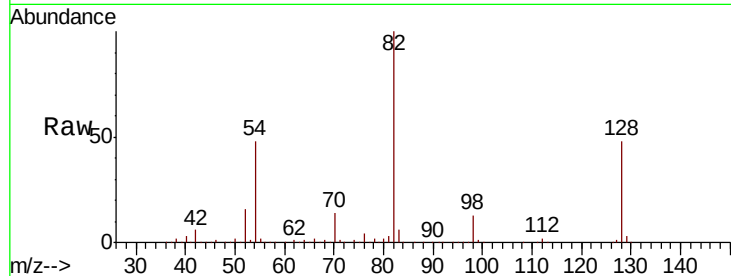
Tgt Ion: 82 Resp: 1105272

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

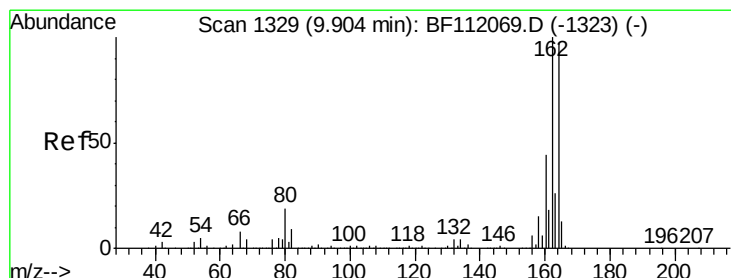
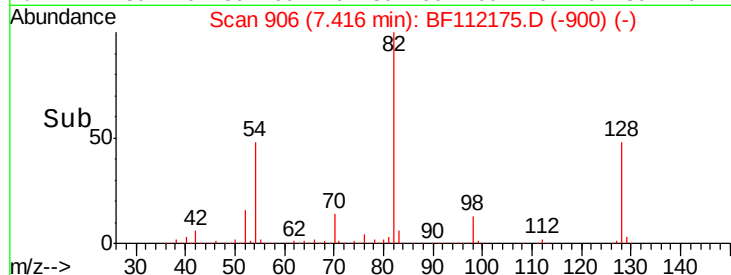
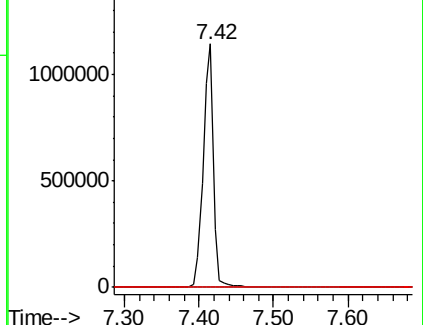
138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

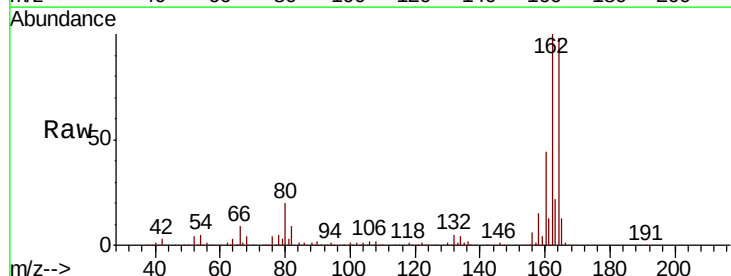
Tgt Ion: 164 Resp: 287183

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

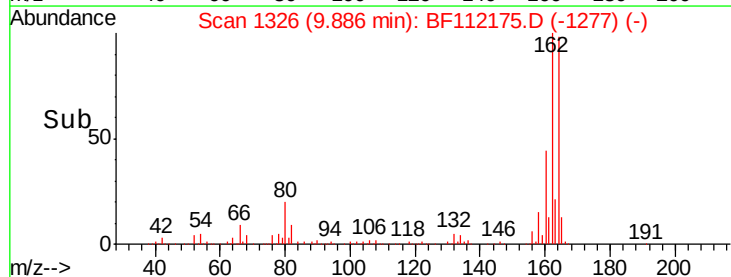
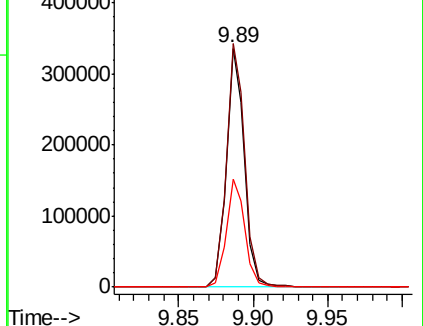
160 45.0 36.2 54.4

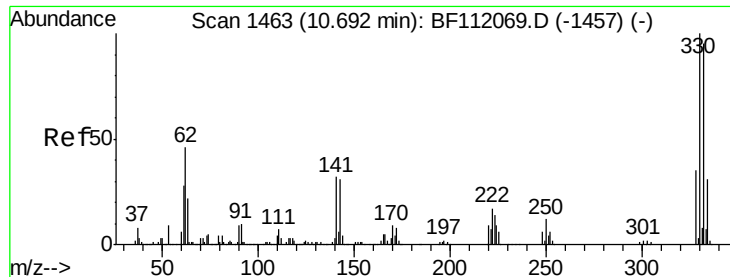


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

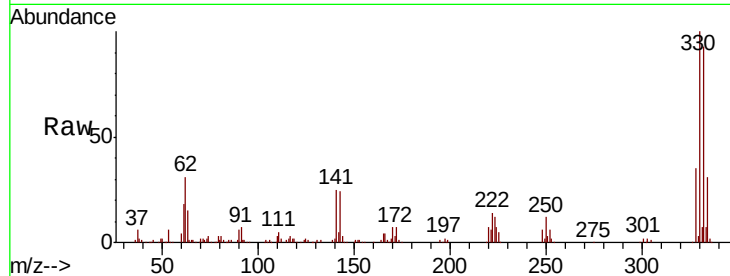




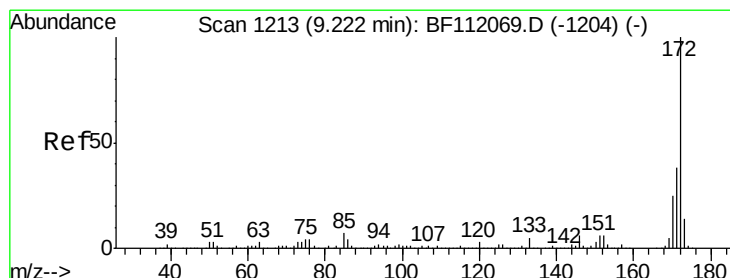
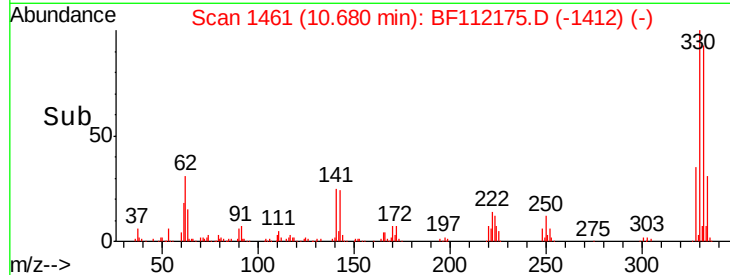
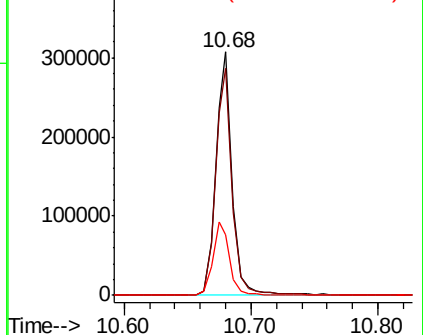
#42
 2,4,6-Tribromophenol
 Concen: 89.665 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Instrument :
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 011819-DBRI-E-D-M

Tgt Ion: 330 Resp: 277790
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 31.3 24.3 36.5

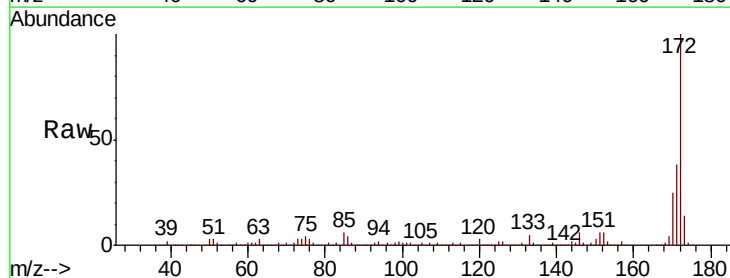


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

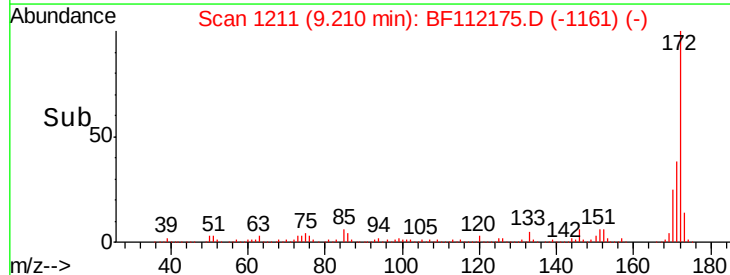
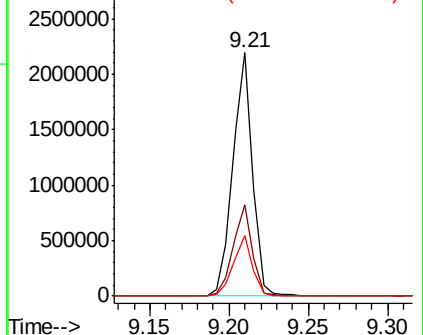


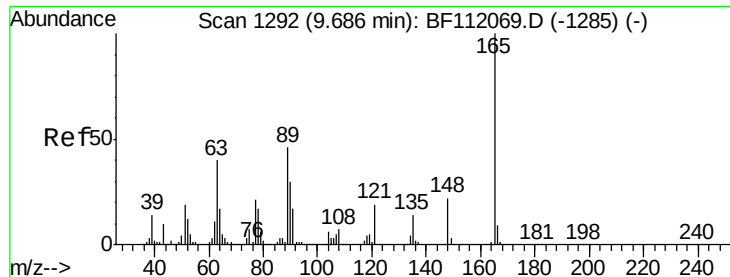
#45
 2-Fluorobiphenyl
 Concen: 96.600 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Tgt Ion: 172 Resp: 1892204
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 25.0 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

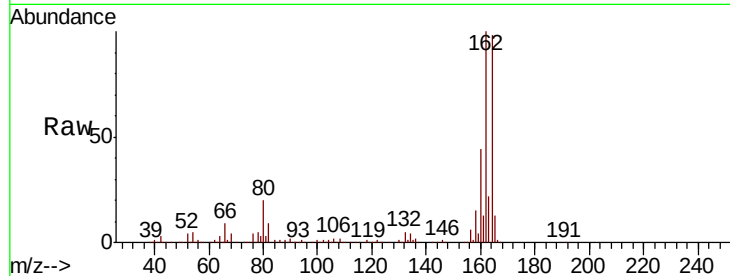




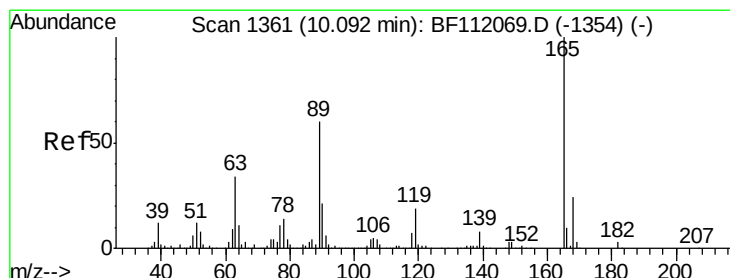
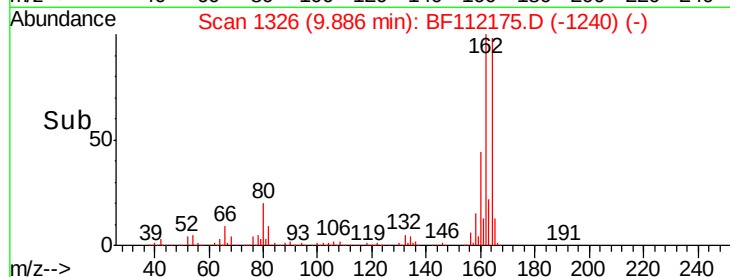
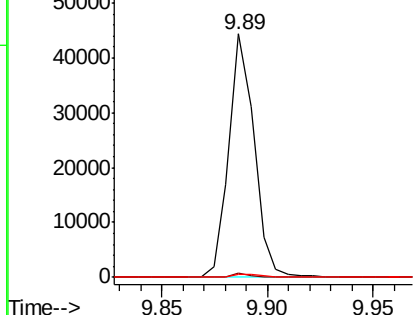
#51
 2,6-Dinitrotoluene
 Concen: 8.789 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	1.5	36.9	55.3#



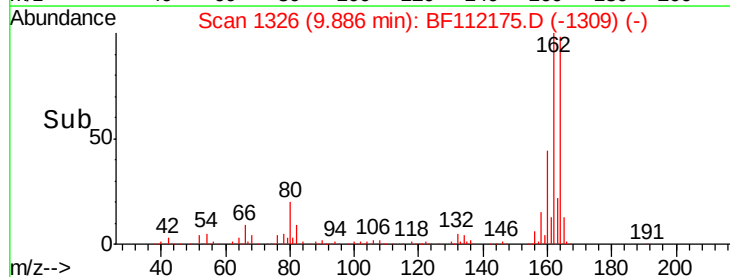
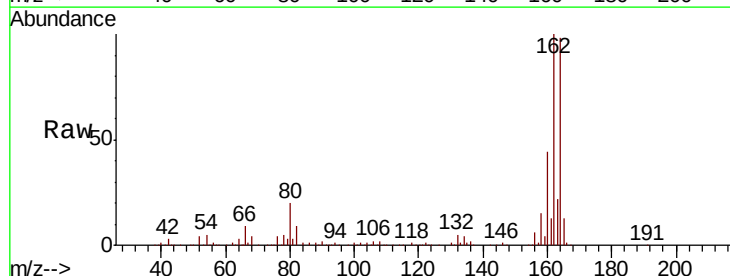
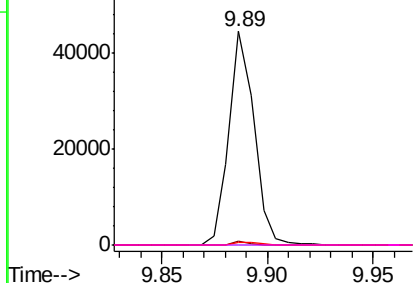
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

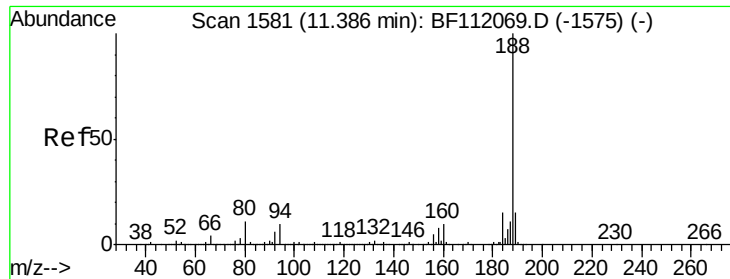


#57
 2,4-Dinitrotoluene
 Concen: 10.775 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.5	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: BF112175.D

Acq: 21 Jan 2019 23:52

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-D-M

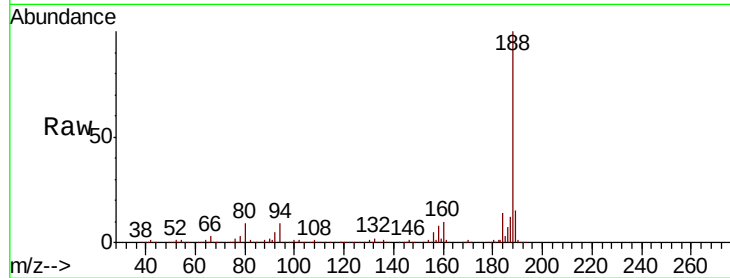
Tgt Ion:188 Resp: 527932

Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.2

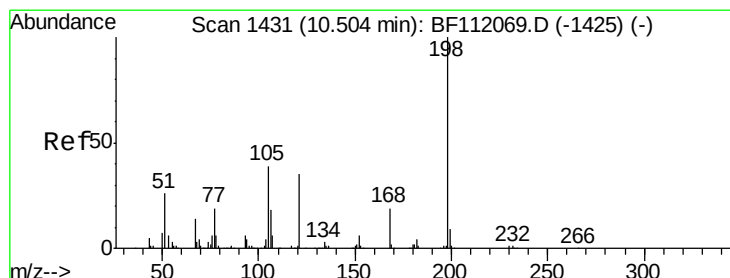
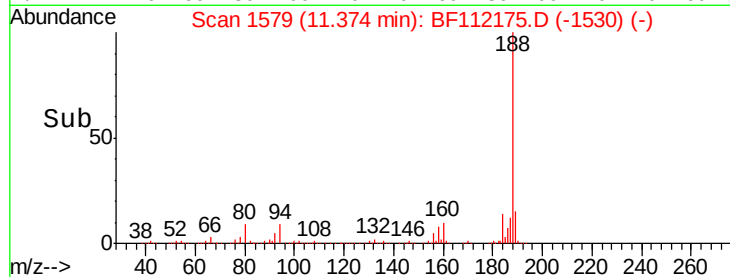
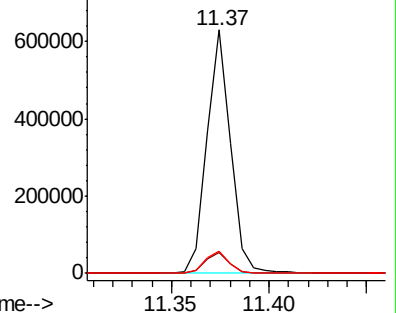
80 9.1 8.9 13.3



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: 10.295 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.17 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

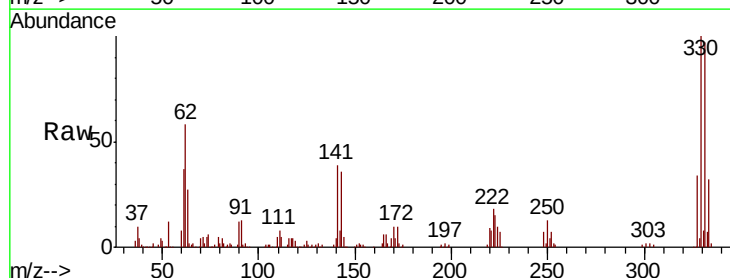
Tgt Ion:198 Resp: 628

Ion Ratio Lower Upper

198 100

51 164.8 17.2 57.2#

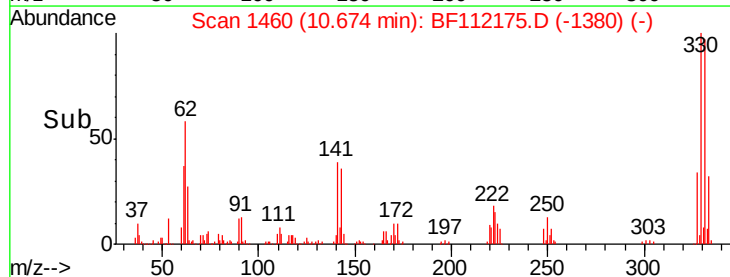
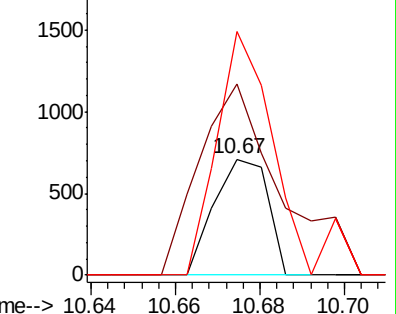
105 209.7 21.9 61.9#

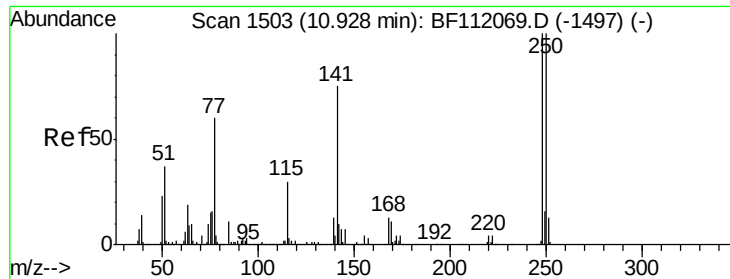


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

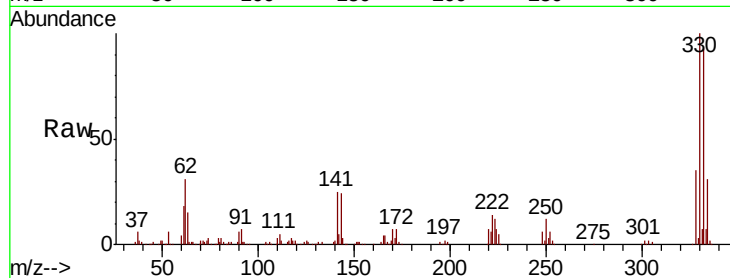




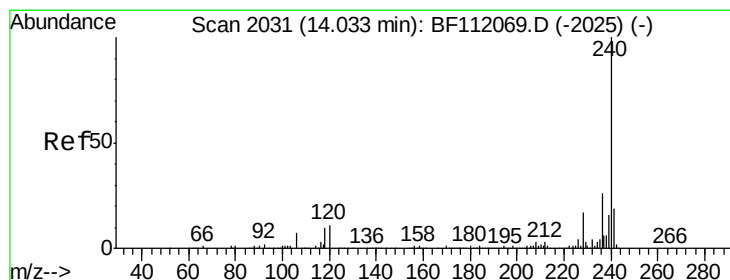
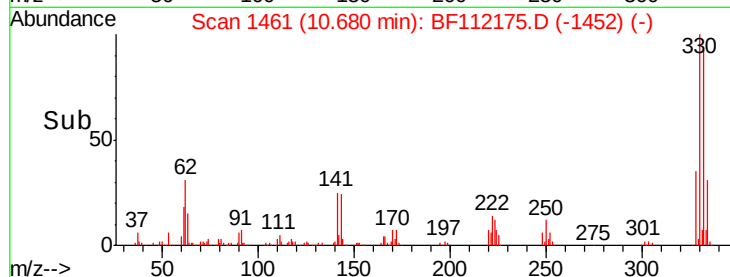
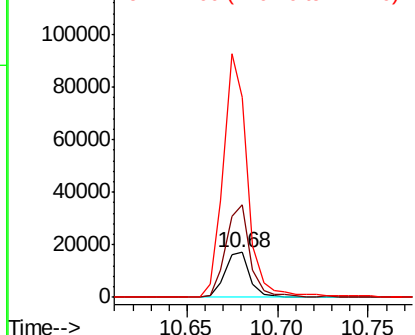
#67
 4-Bromophenyl-phenylether
 Concen: 2.734 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

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

Tgt Ion:248 Resp: 16765
 Ion Ratio Lower Upper
 248 100
 250 208.1 79.7 119.5#
 141 449.5 60.3 90.5#

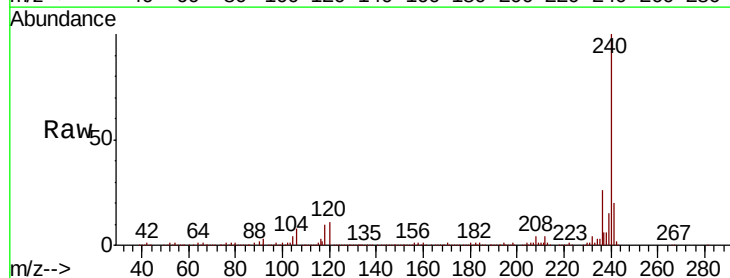


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

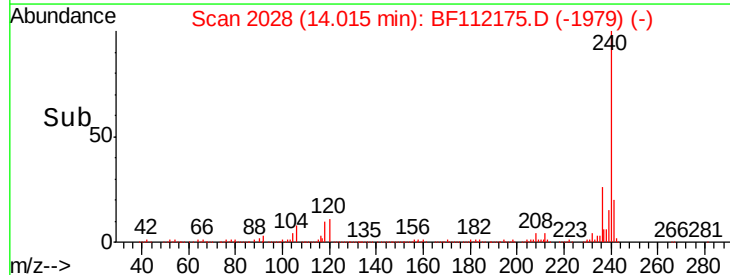
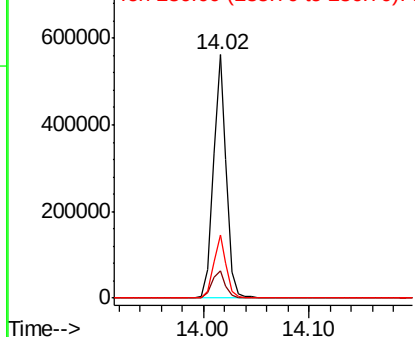


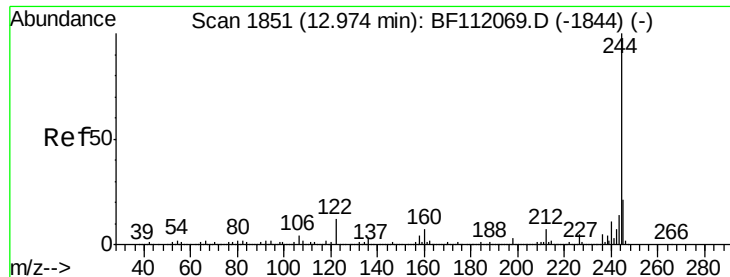
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112175.D
 Acq: 21 Jan 2019 23:52

Tgt Ion:240 Resp: 484260
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.0 13.6
 236 26.1 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: 82.490 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112175.D

Acq: 21 Jan 2019 23:52

Instrument :

BNA_F

ClientSampleId :

011819-DBRI-E-D-M

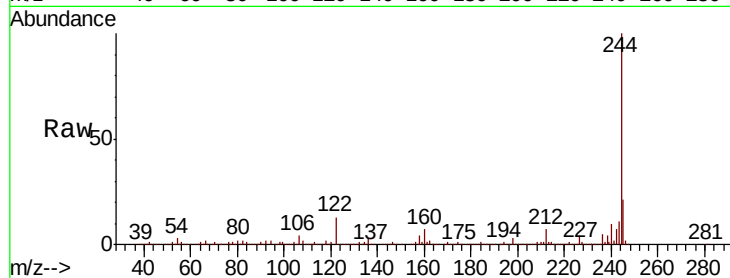
Tgt Ion:244 Resp: 1877739

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

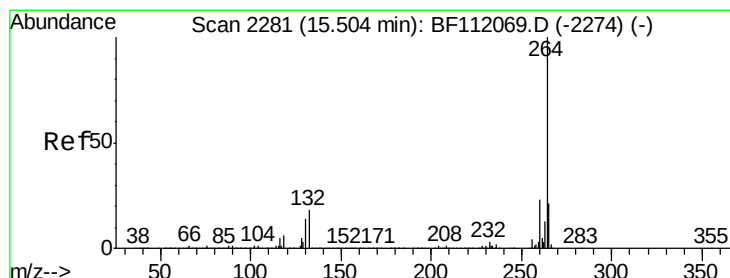
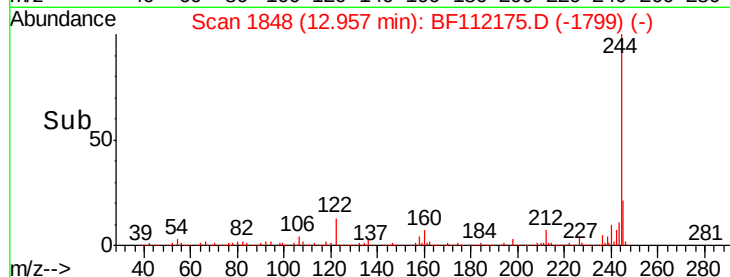
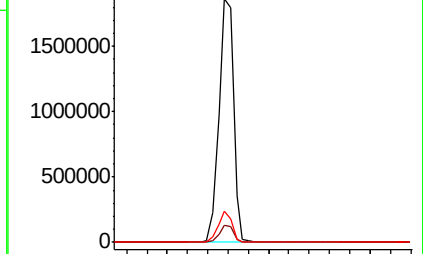
122 12.6 9.8 14.6



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: BF112175.D

Acq: 21 Jan 2019 23:52

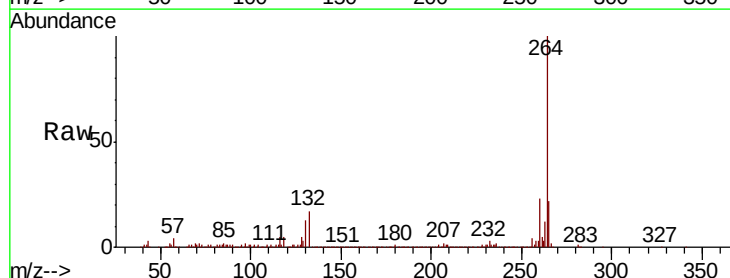
Tgt Ion:264 Resp: 344515

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 21.9 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

