

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112097.D
 Acq On : 17 Jan 2019 18:47
 Operator : JU/SJ
 Sample : K1152-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-U-M

Quant Time: Jan 18 00:10:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273158	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	987039	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	429082	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	699434	20.00	ng	0.00
76) Chrysene-d12	14.03	240	616477	20.00	ng	0.00
87) Perylene-d12	15.50	264	493844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	567736	37.72	ng	0.00
7) Phenol-d6	6.50	99	442667	23.51	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1327570	92.92	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	357873	77.31	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2525856	86.30	ng	0.00
79) Terphenyl-d14	12.97	244	2028669	70.01	ng	0.00

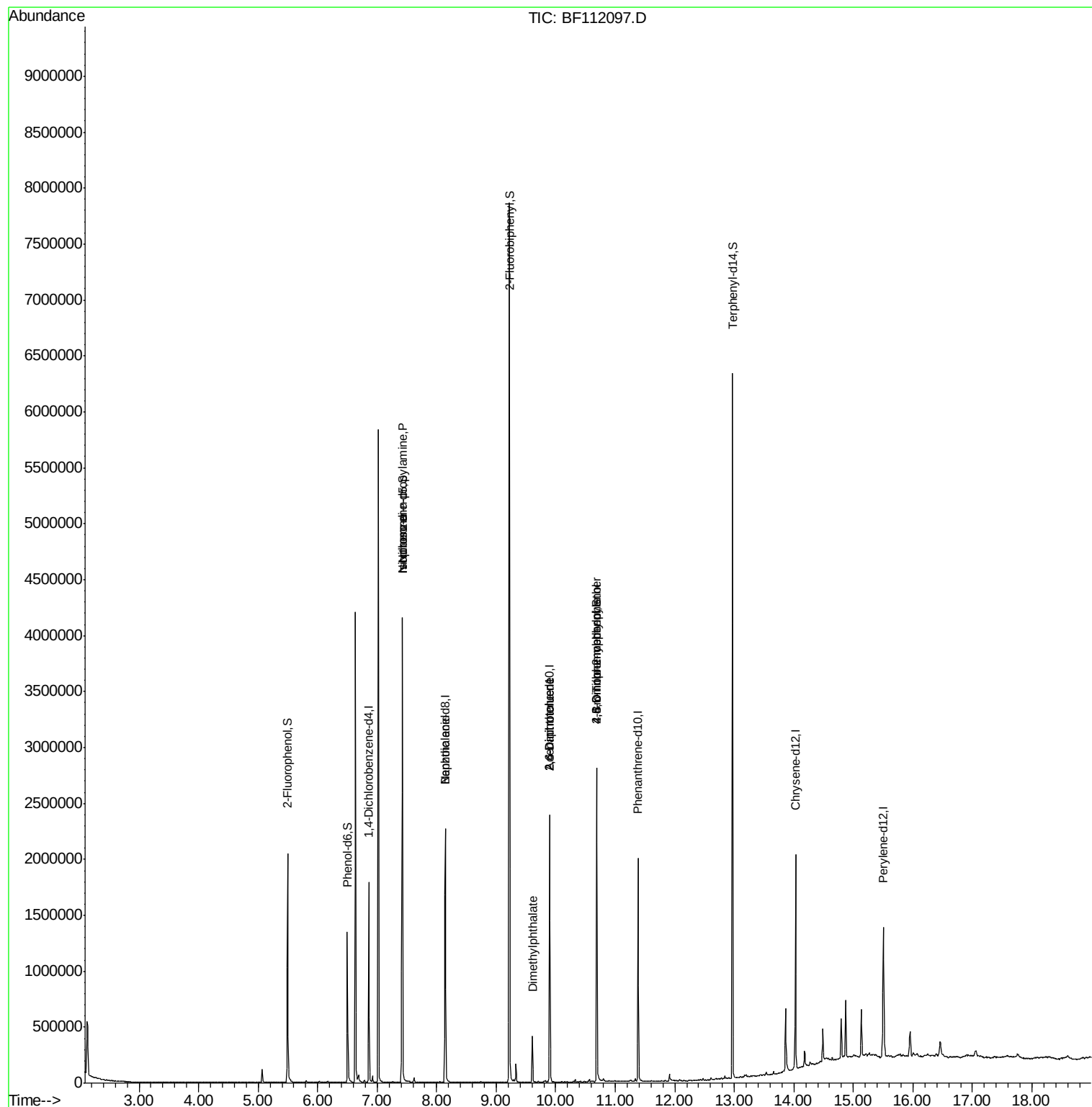
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	1131	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.42	70	179794	15.674	ng	# 77
25) Isophorone	7.42	82	1327561	48.109	ng	# 63
32) Benzoic acid	8.14	122	126	7.191	ng	# 1
50) Dimethylphthalate	9.61	163	175674	5.614	ng	98
51) 2,6-Dinitrotoluene	9.90	165	55964	8.955	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	55964	10.892	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	599	10.232	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	20286	2.497	ng	# 1

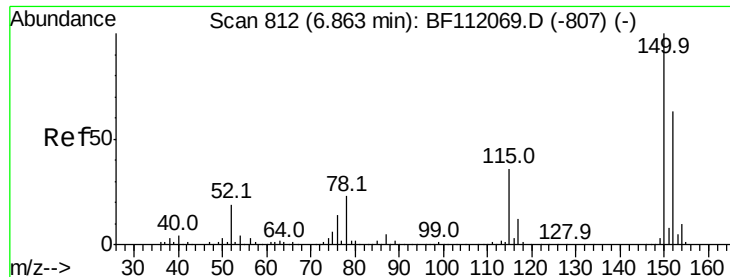
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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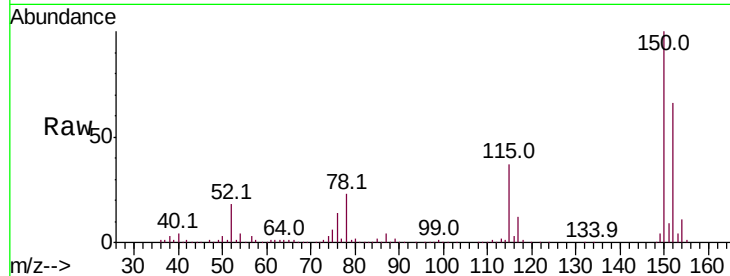


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	127.4	191.0
115	55.9	45.5	68.3

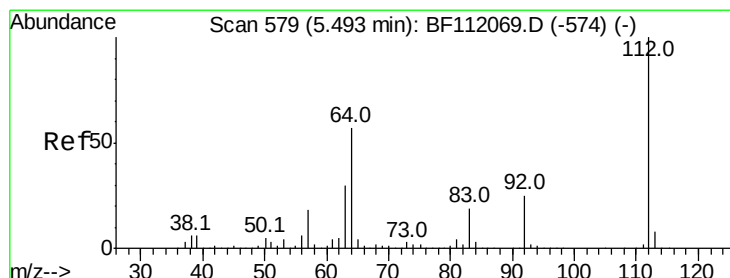
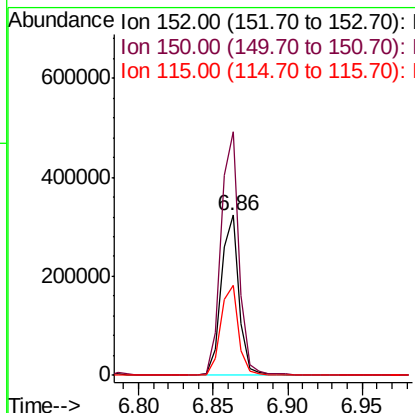
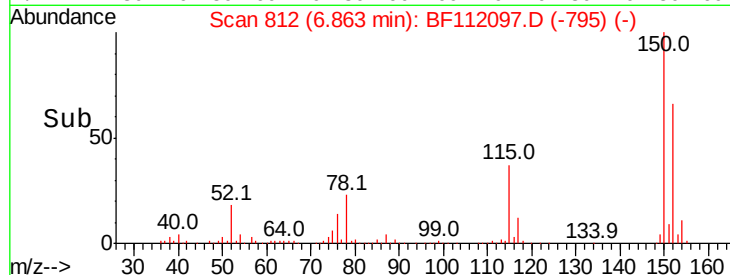


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

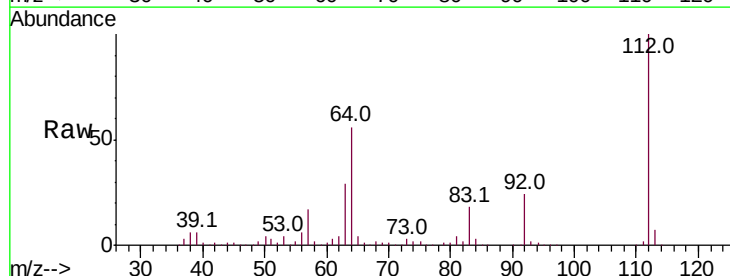
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.724 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	28.5	23.6	35.4

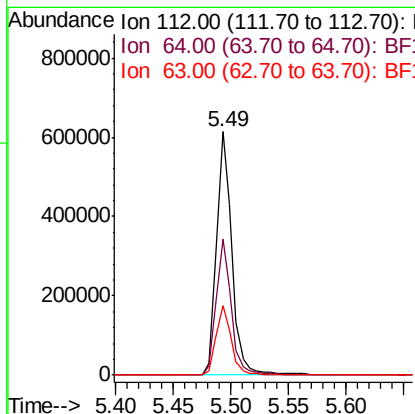
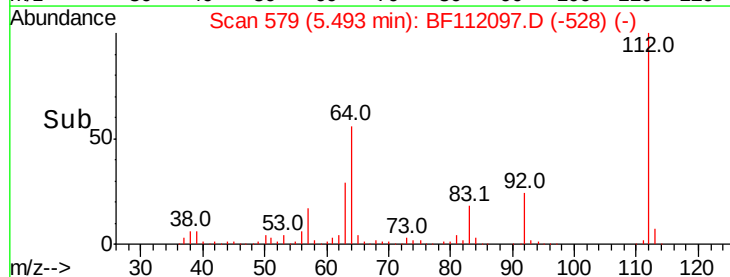


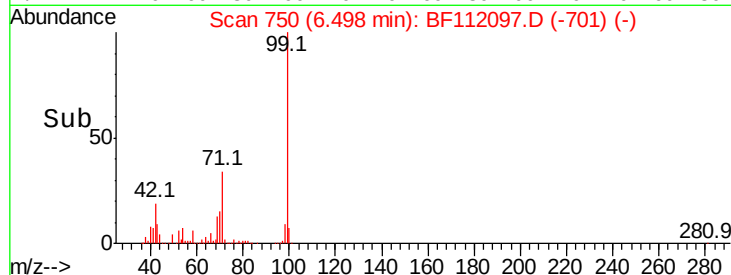
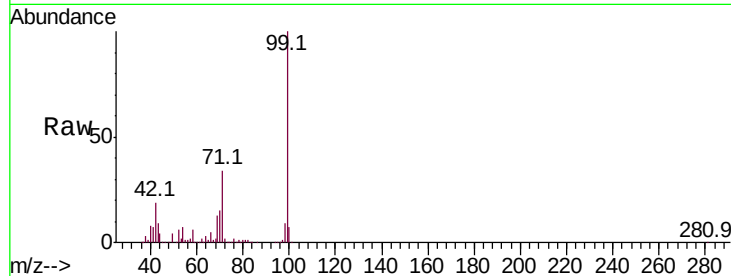
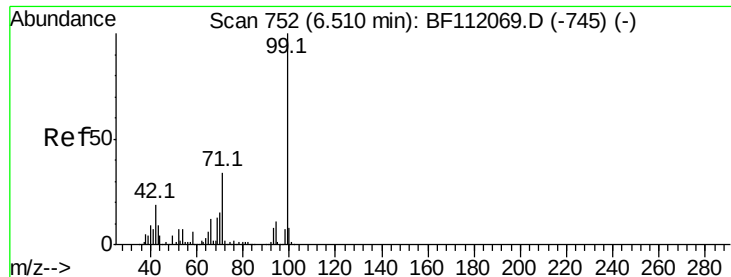
Abundance

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: 23.509 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-U-M

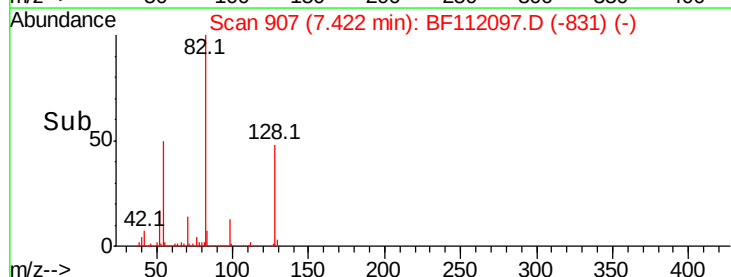
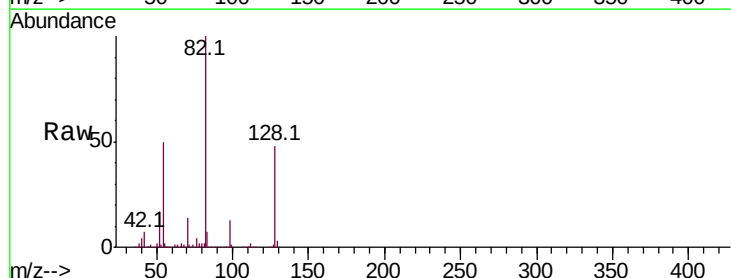
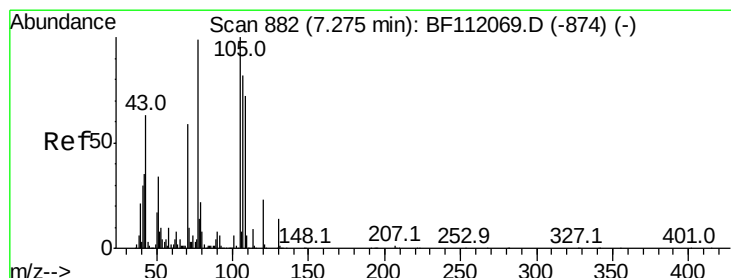
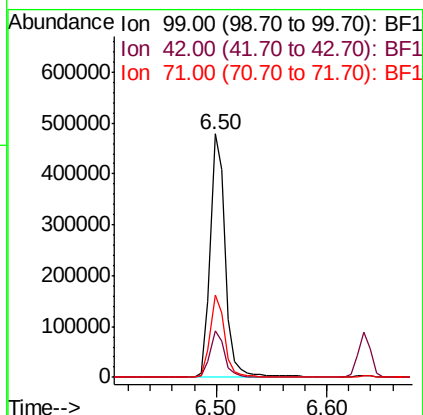
Tot Ion: 99 Resp: 442667

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

71 33.7 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.674 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.15 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

Tgt Ion: 70 Resp: 179794

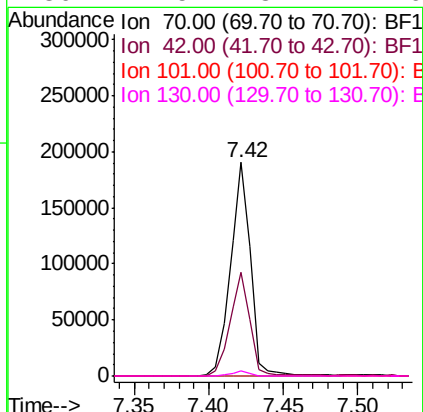
Ion Ratio Lower Upper

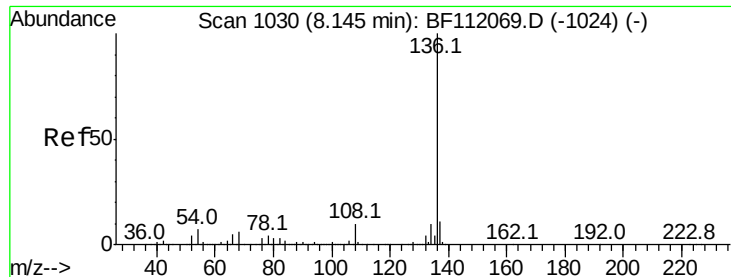
70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.5 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-U-M

Tot Ion:136 Resp: 987039

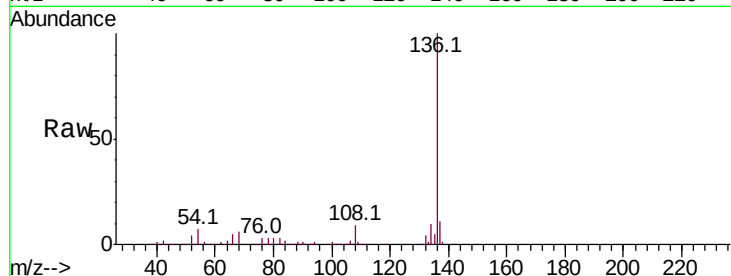
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.0 5.9 8.9

68 5.9 5.1 7.7

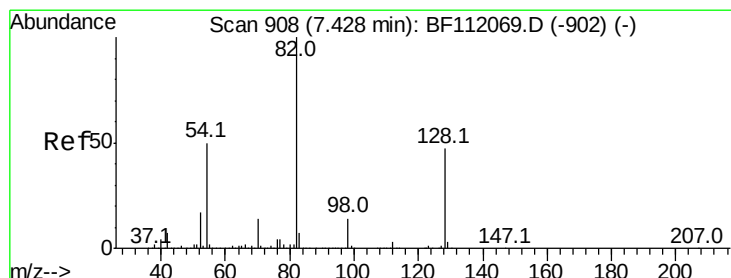
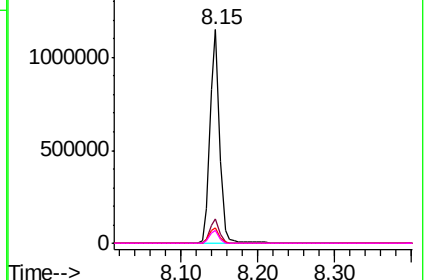
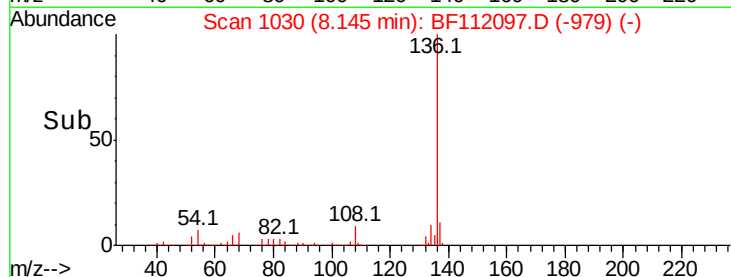


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.925 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

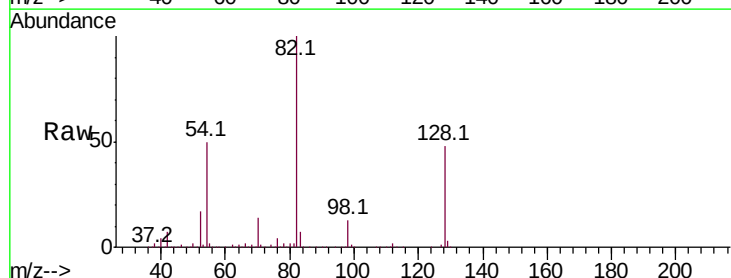
Tgt Ion: 82 Resp: 1327570

Ion Ratio Lower Upper

82 100

128 47.8 37.8 56.8

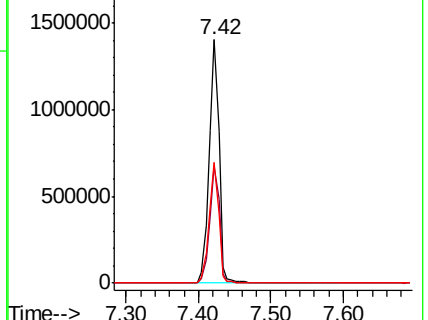
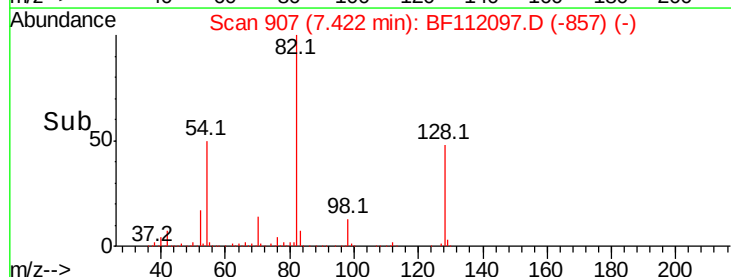
54 49.5 39.7 59.5

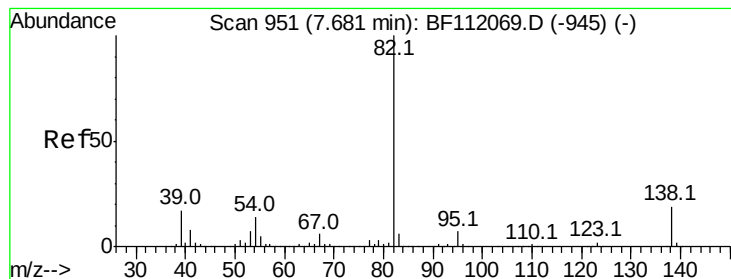


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.109 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-U-M

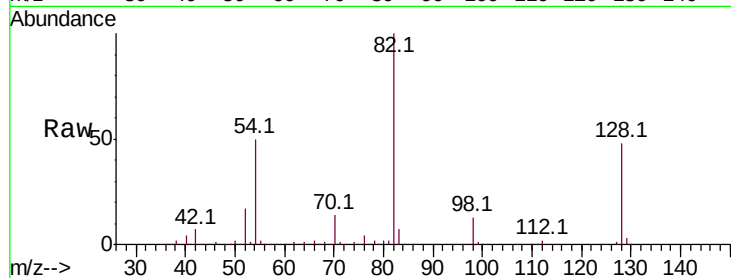
Tot Ion: 82 Resp: 1327561

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

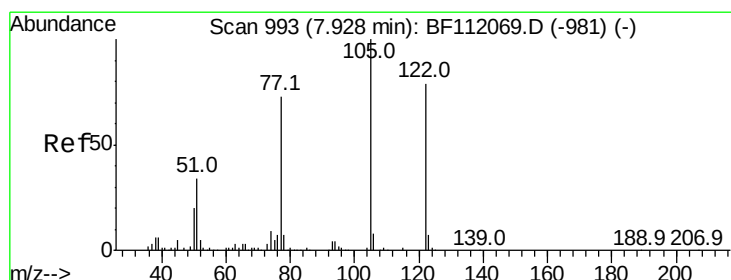
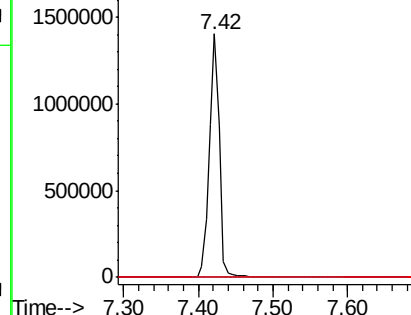
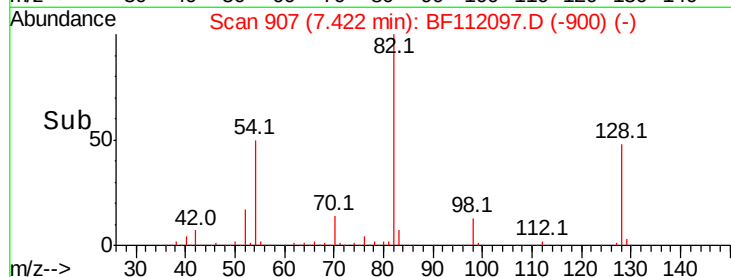
138 0.0 15.4 23.0#



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): BF1



#32

Benzoic acid

Concen: 7.191 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.21 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

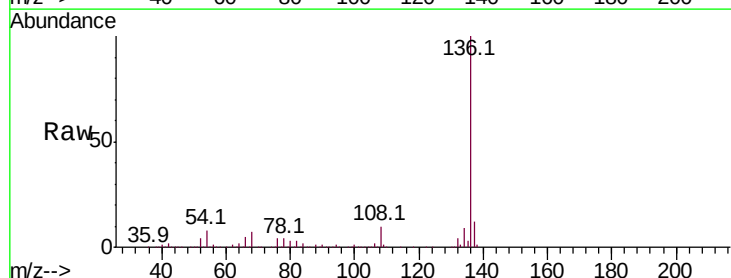
Tgt Ion:122 Resp: 126

Ion Ratio Lower Upper

122 100

105 160.1 101.2 141.2#

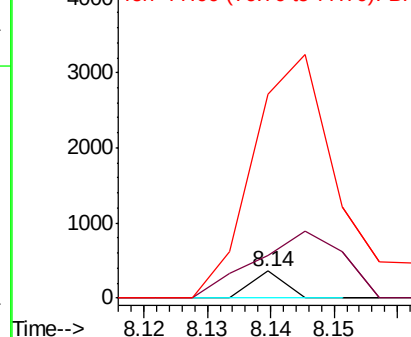
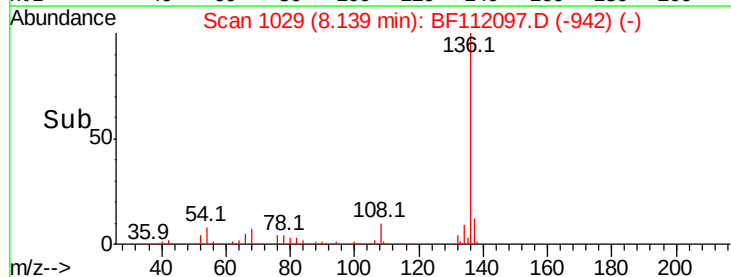
77 757.3 70.4 110.4#

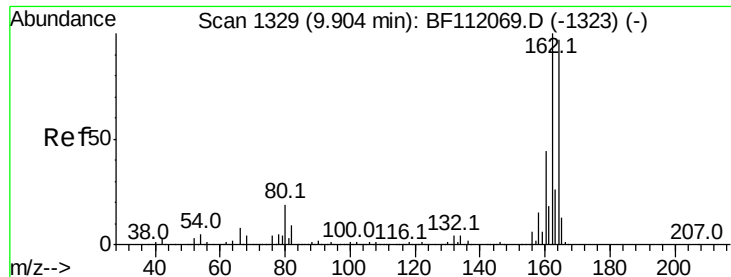


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

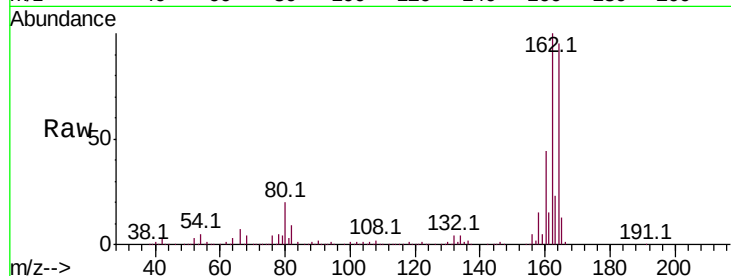




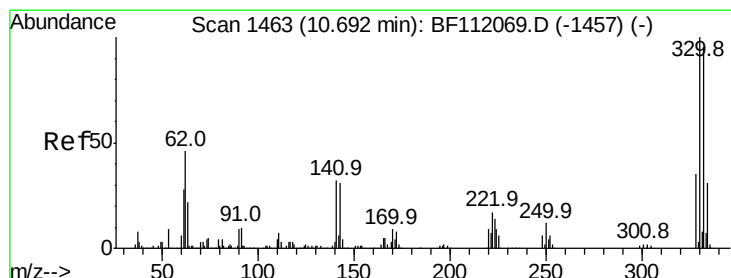
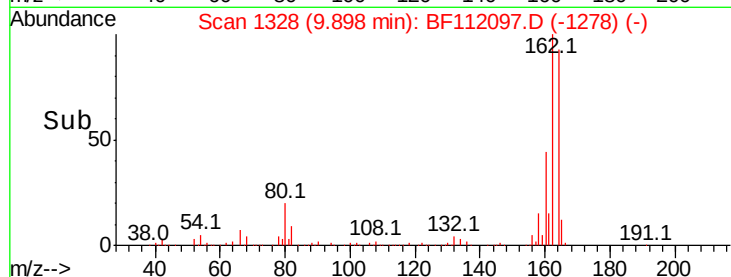
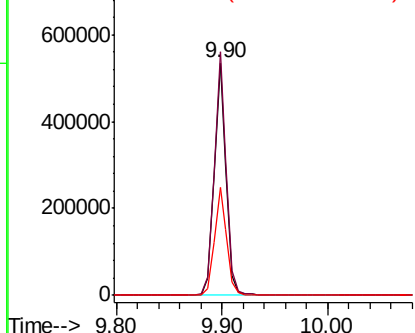
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-U-M

Tot Ion:164 Resp: 429082
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.2 123.4
 160 46.4 36.2 54.4

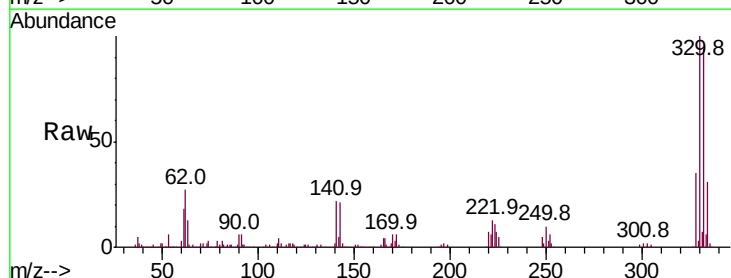


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

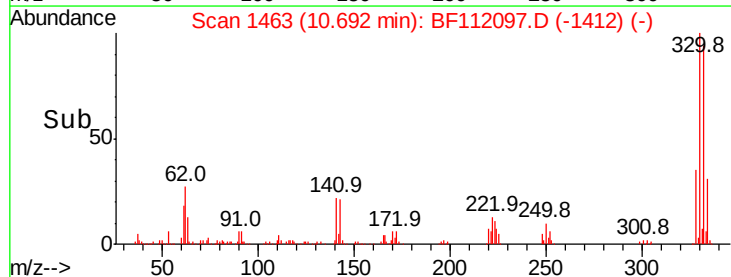
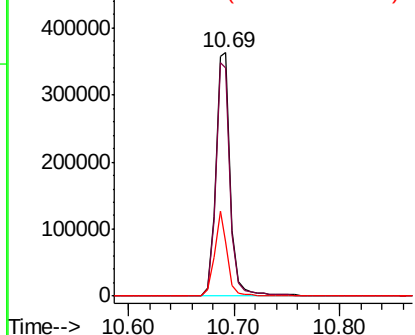


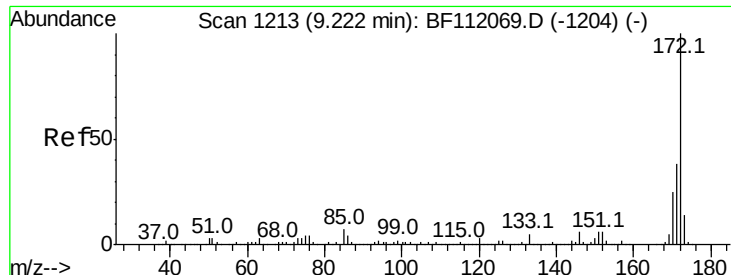
#42
 2,4,6-Tribromophenol
 Concen: 77.314 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Tgt Ion:330 Resp: 357873
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 30.7 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

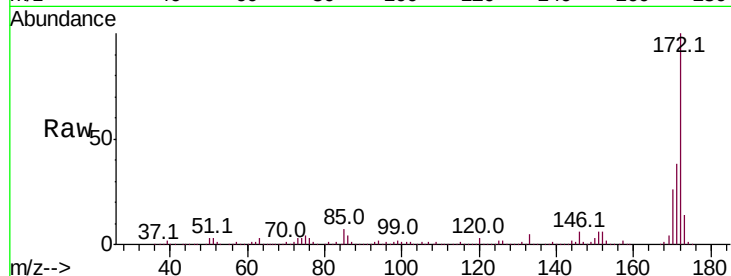




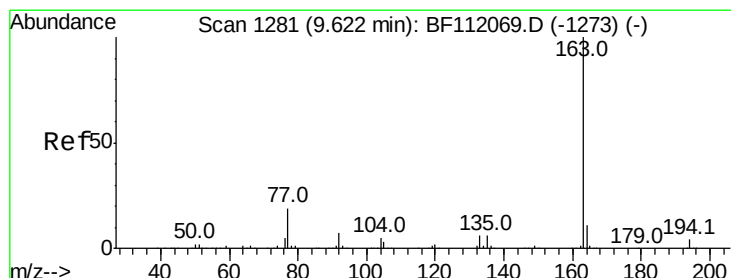
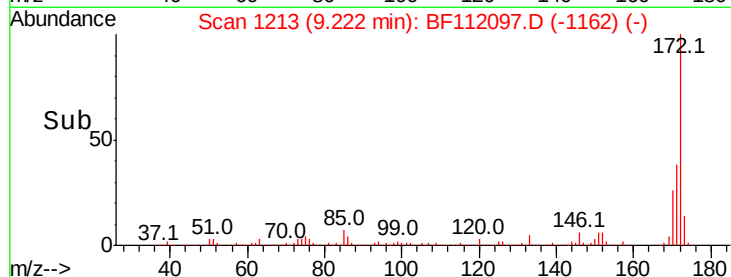
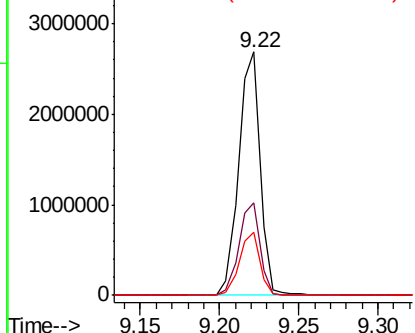
#45
2-Fluorobiphenyl
Concen: 86.305 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-U-M

Tot Ion:172 Resp: 2525856
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 25.7 20.2 30.4

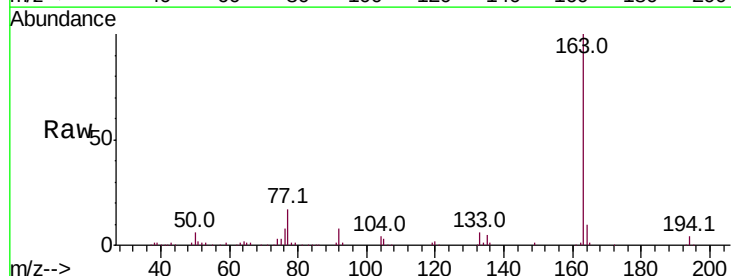


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

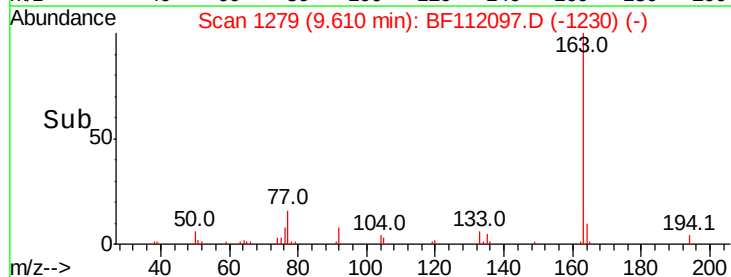
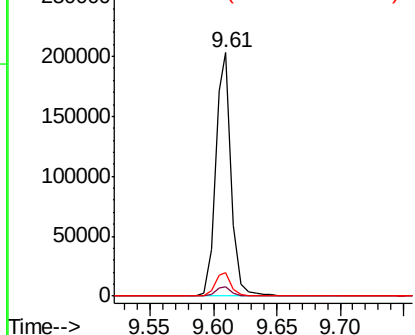


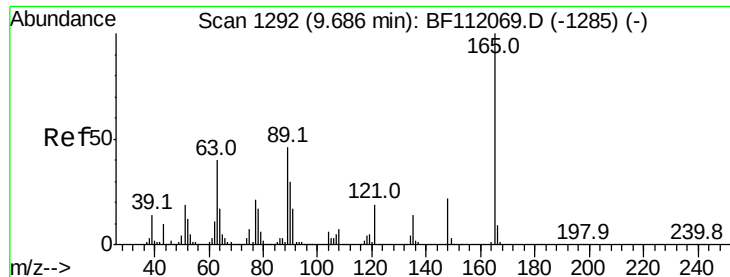
#50
Dimethylphthalate
Concen: 5.614 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

Tgt Ion:163 Resp: 175674
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

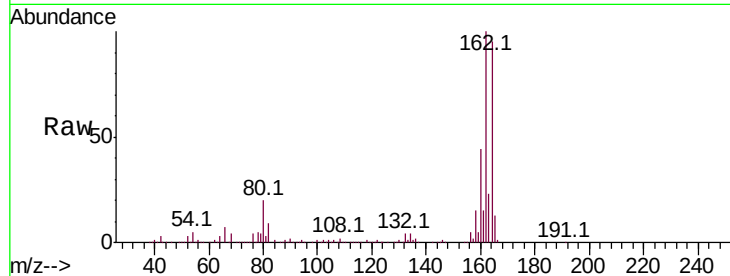




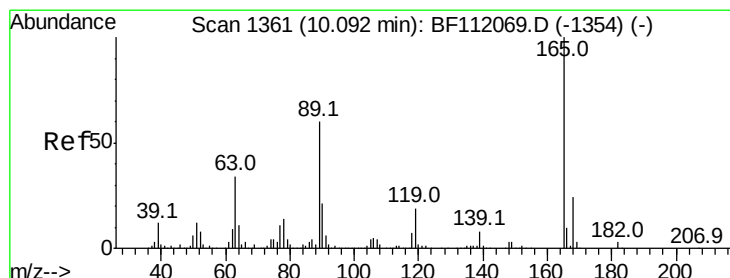
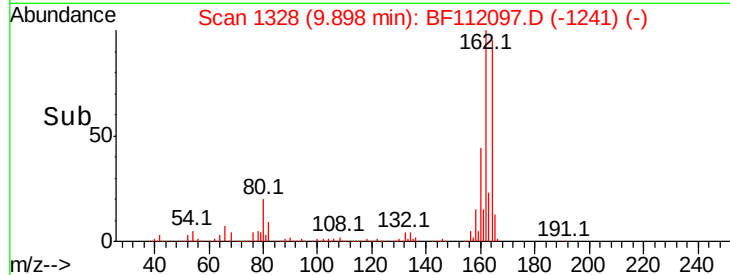
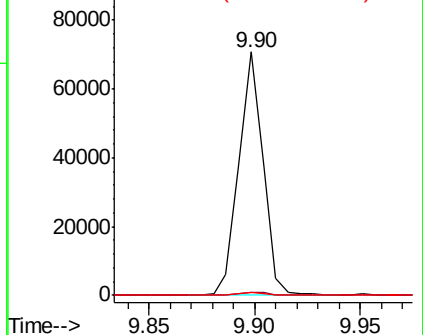
#51
 2,6-Dinitrotoluene
 Concen: 8.955 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.5	36.9	55.3#



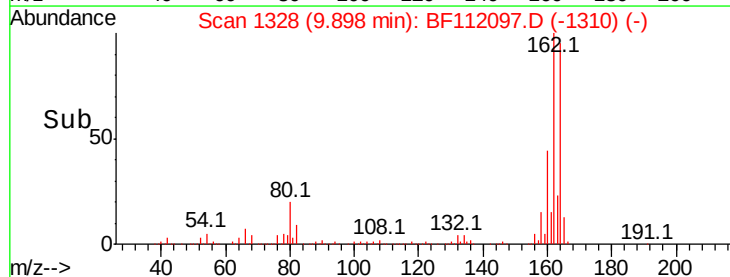
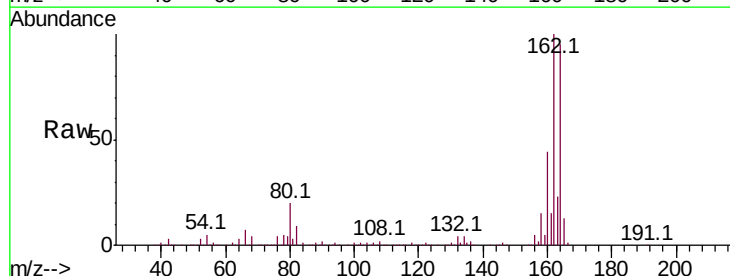
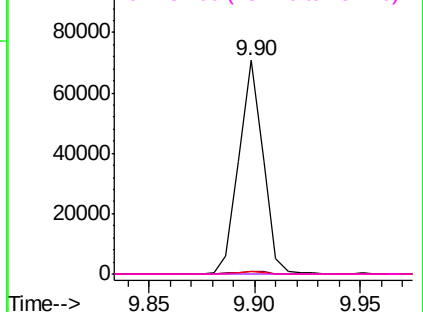
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

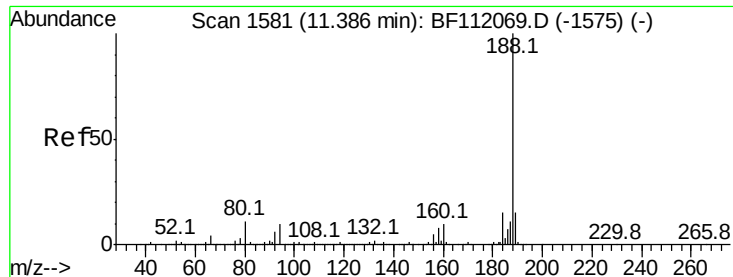


#57
 2,4-Dinitrotoluene
 Concen: 10.892 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	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

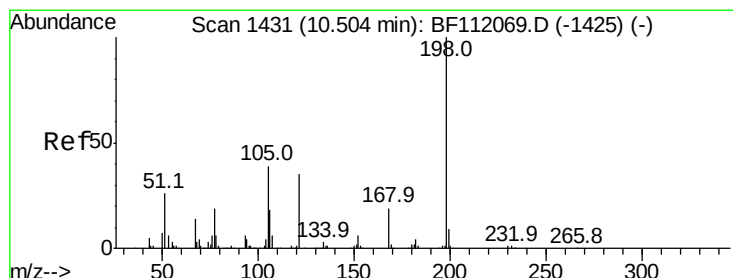
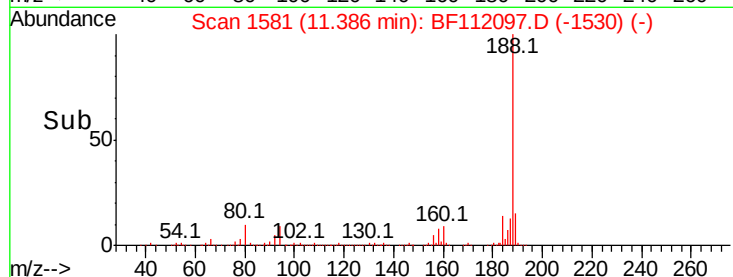
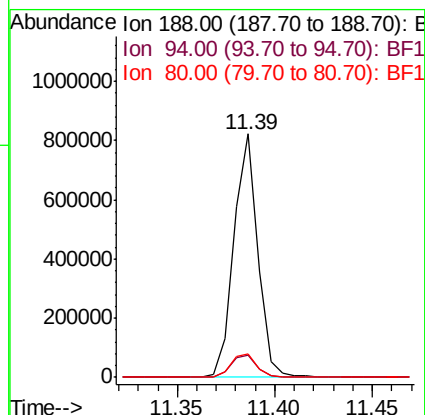
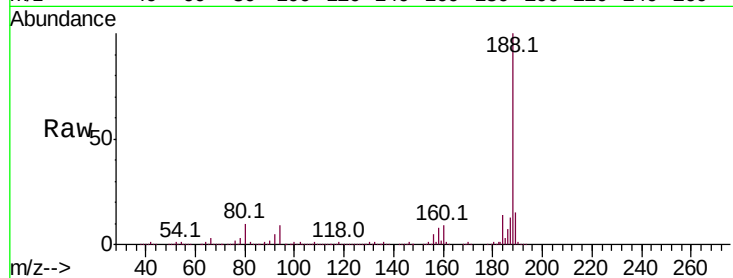




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

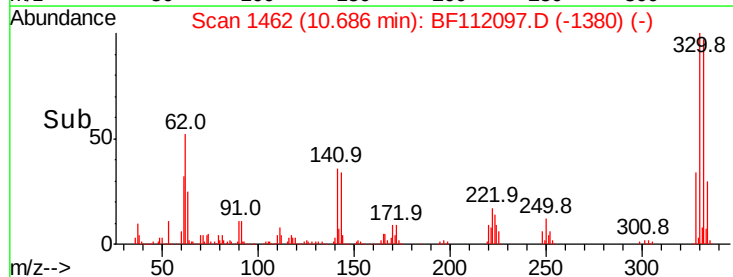
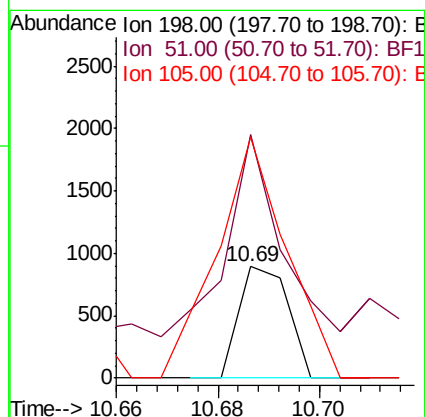
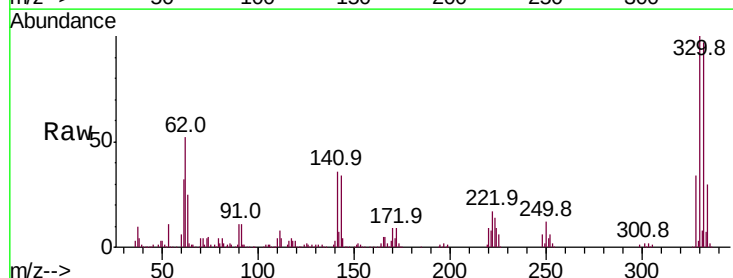
Instrument :
BNA_F
ClientSampleId :
011419-DBRI-E-U-M

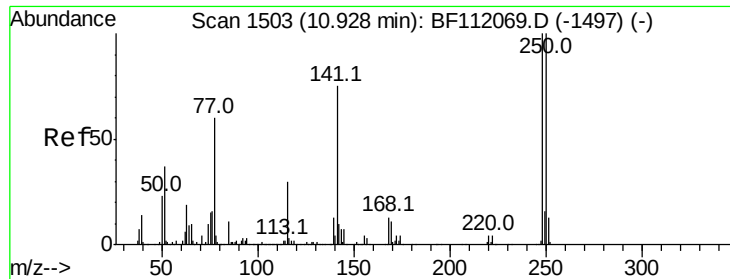
Tot Ion:188 Resp: 699434
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.7 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 10.232 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112097.D
Acq: 17 Jan 2019 18:47

Tgt Ion:198 Resp: 599
Ion Ratio Lower Upper
198 100
51 219.0 17.2 57.2#
105 216.8 21.9 61.9#





#67

4-Bromophenyl-phenylether

Concen: 2.497 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.24 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

Instrument :

BNA_F

ClientSampleId :

011419-DBRI-E-U-M

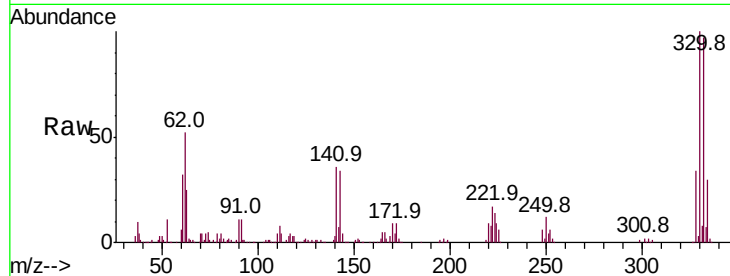
Tot Ion:248 Resp: 20286

Ion Ratio Lower Upper

248 100

250 196.4 79.7 119.5#

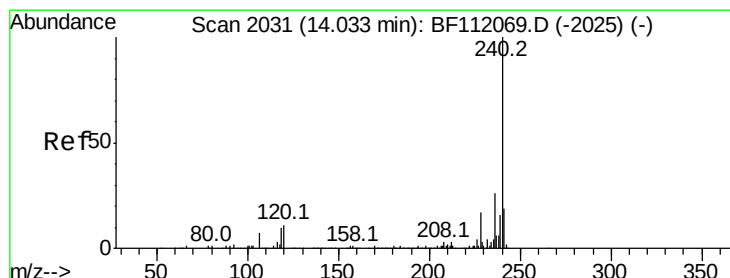
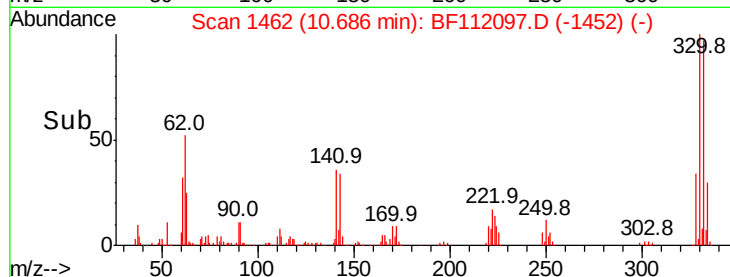
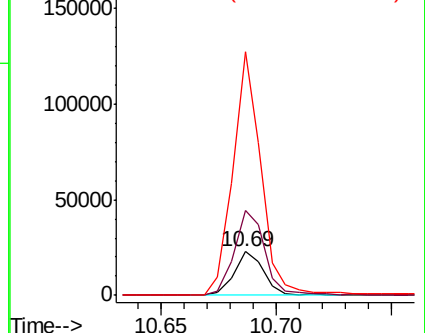
141 560.2 60.3 90.5#



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112097.D

Acq: 17 Jan 2019 18:47

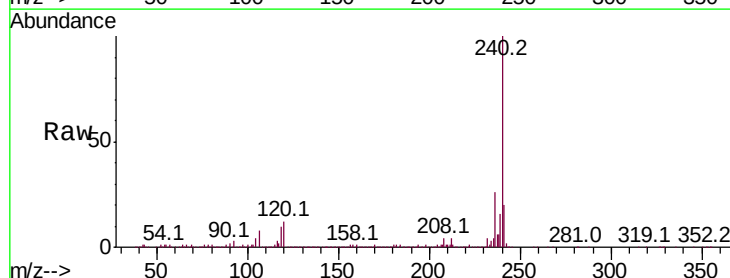
Tgt Ion:240 Resp: 616477

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

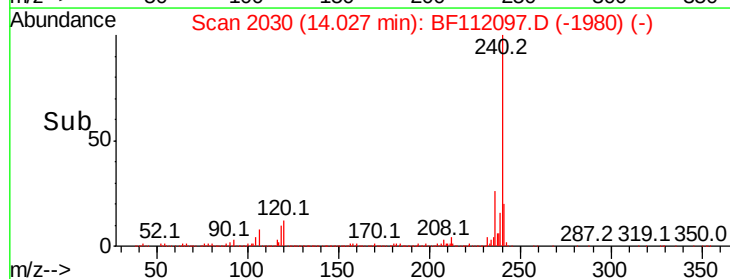
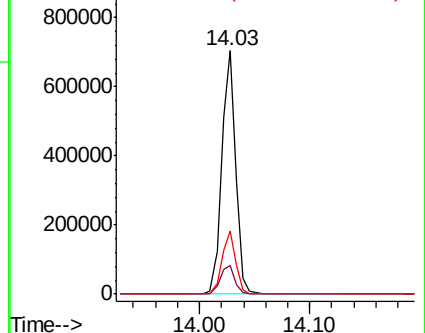
236 25.8 20.7 31.1

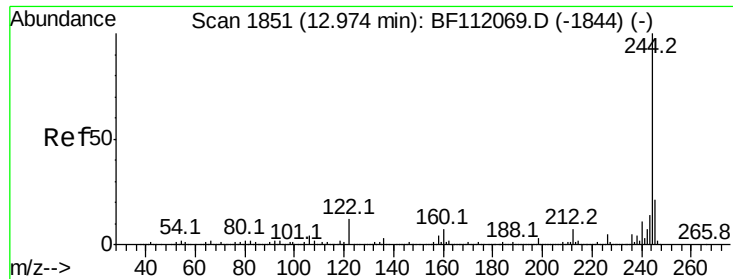


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

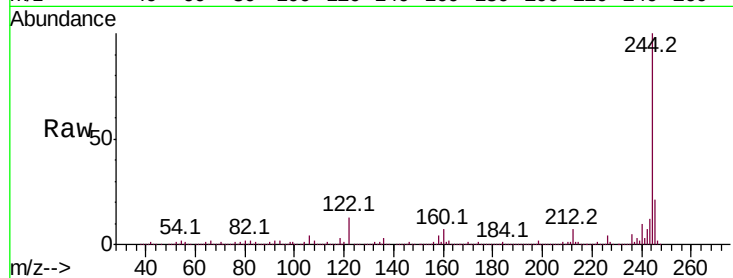




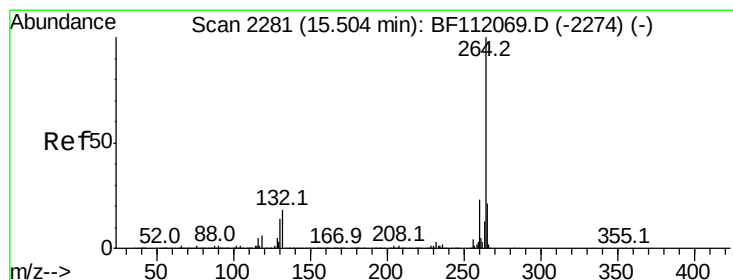
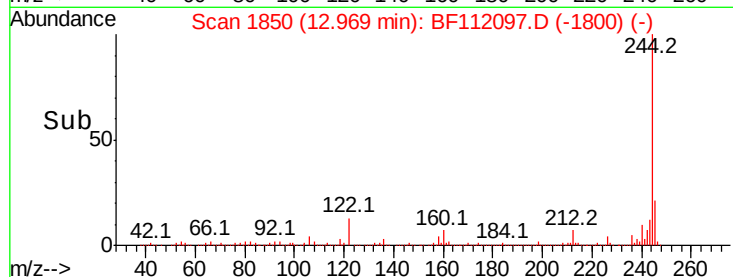
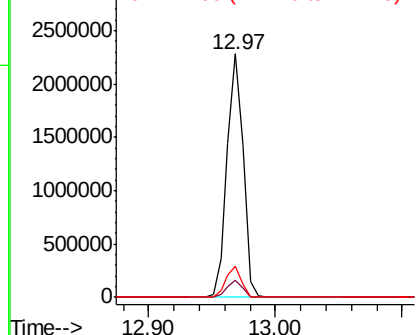
#79
 Terphenyl-d14
 Concen: 70.007 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 011419-DBRI-E-U-M

Tot Ion:244 Resp: 2028669
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.5 9.8 14.6

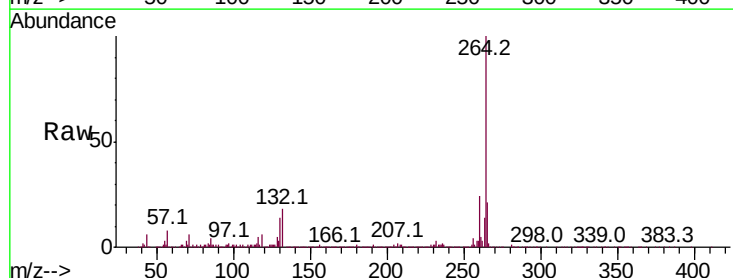


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF112097.D
 Acq: 17 Jan 2019 18:47

Tgt Ion:264 Resp: 493844
 Ion Ratio Lower Upper
 264 100
 260 23.8 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

