

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112366.D
 Acq On : 1 Feb 2019 21:59
 Operator : JU/SJ
 Sample : K1290-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-U-S

Quant Time: Feb 01 23:22:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

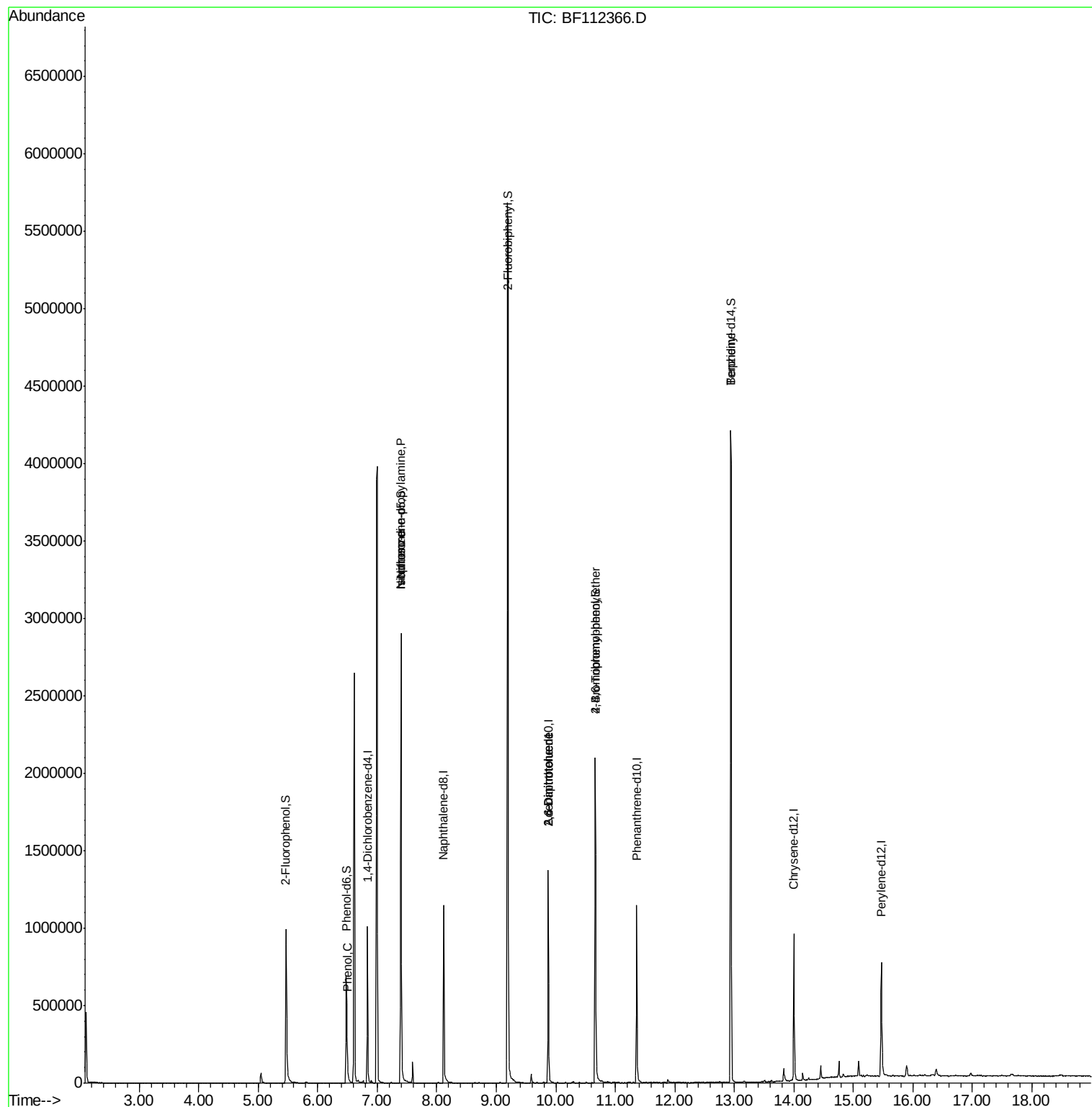
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	169271	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	620849	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	285858	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	474620	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	361325	20.00	ng	0.00
87) Perylene-d12	15.47	264	347064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	346103	43.43	ng	-0.01
7) Phenol-d6	6.48	99	258460	23.34	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1041983	96.70	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	293076	88.08	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2061011	101.97	ng	0.00
79) Terphenyl-d14	12.94	244	1533667	79.94	ng	0.00
Target Compounds						
10) Phenol	6.50	94	42166	3.471	ng	# 74
19) n-Nitroso-di-n-propylamine	7.40	70	144130	18.876	ng	# 75
25) Isophorone	7.40	82	1041976	61.642	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	35955	7.228	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	35956	5.678	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	17150	3.072	ng	# 1
77) Benzidine	12.94	184	20257	2.037	ng	# 93

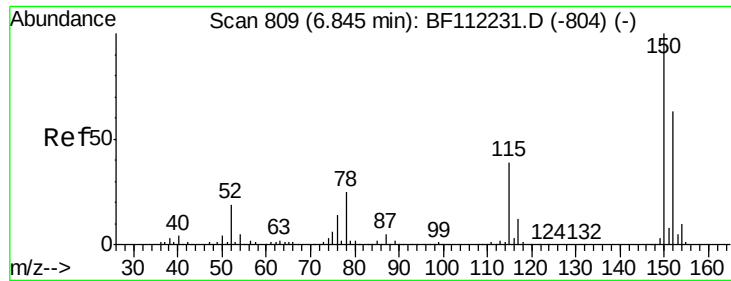
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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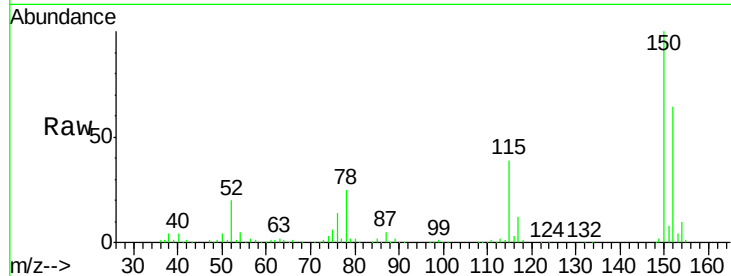


#1

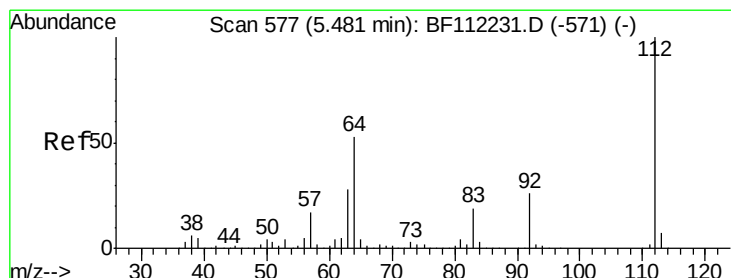
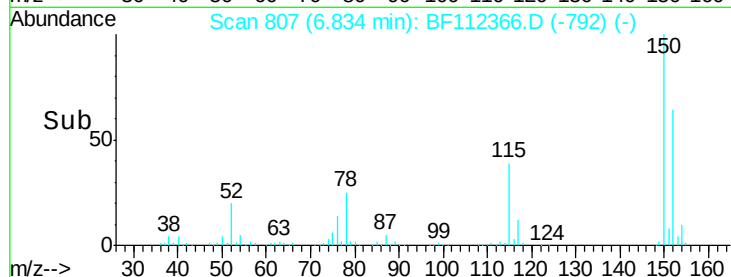
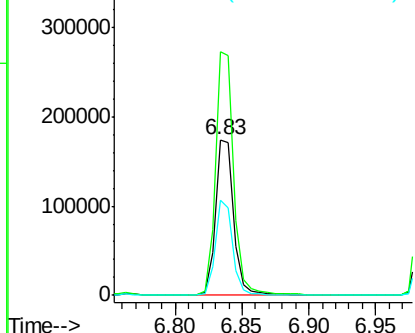
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:152 Resp: 169271
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 61.1 45.5 68.3



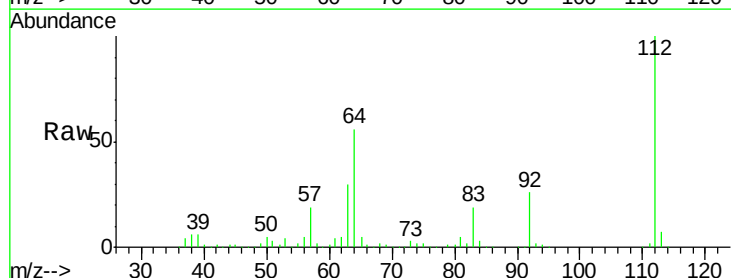
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



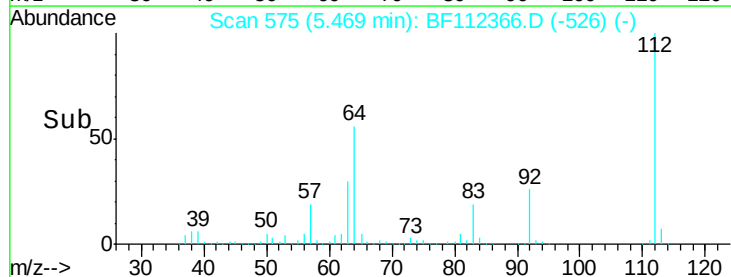
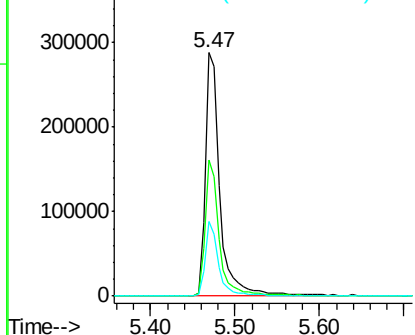
#5

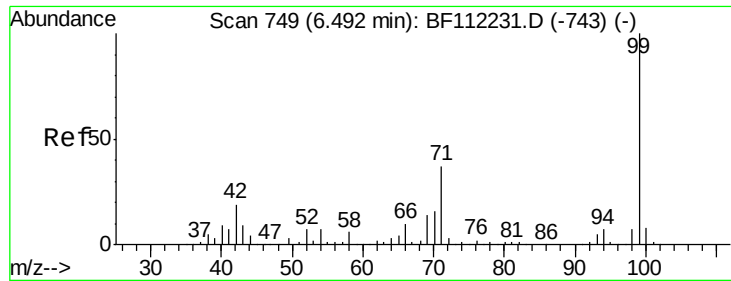
2-Fluorophenol
Concen: 43.430 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:112 Resp: 346103
Ion Ratio Lower Upper
112 100
64 55.9 45.7 68.5
63 30.4 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: 23.340 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112366.D

Acq: 1 Feb 2019 21:59

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-U-S

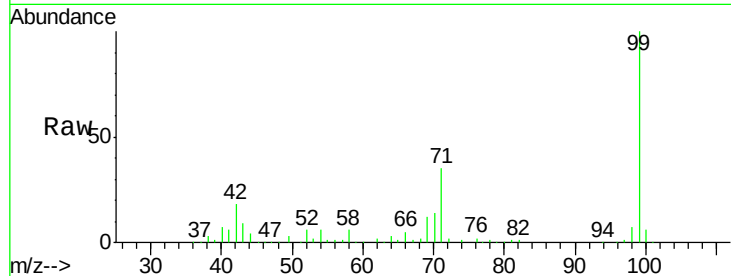
Tgt Ion: 99 Resp: 258460

Ion Ratio Lower Upper

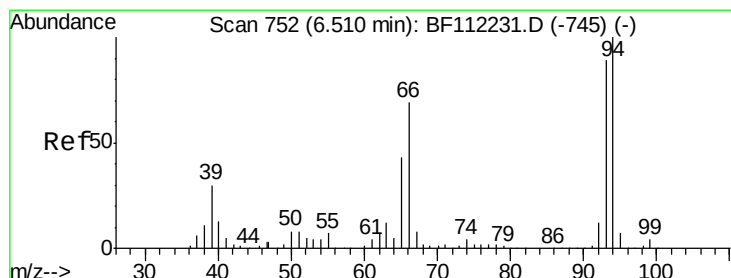
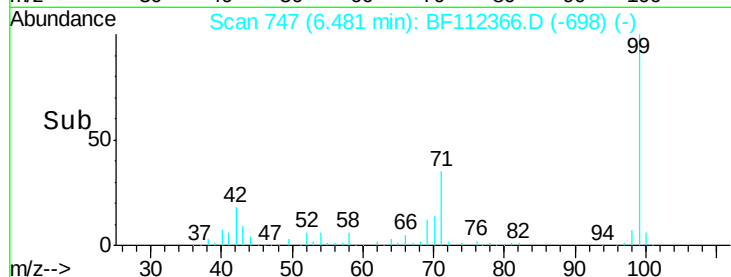
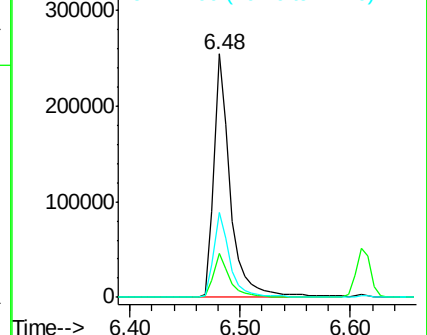
99 100

42 18.0 15.1 22.7

71 34.9 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: 3.471 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112366.D

Acq: 1 Feb 2019 21:59

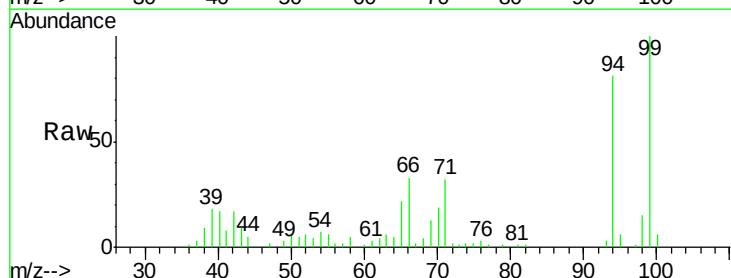
Tgt Ion: 94 Resp: 42166

Ion Ratio Lower Upper

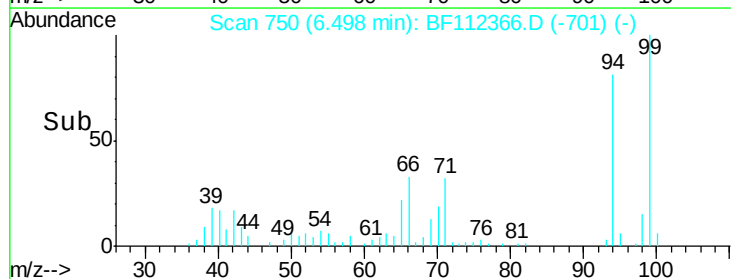
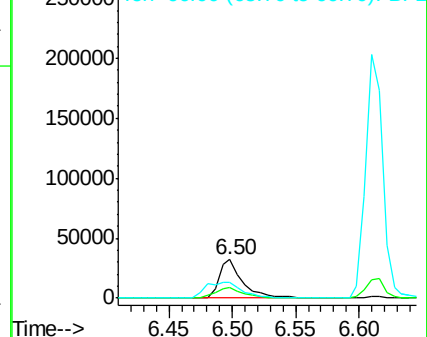
94 100

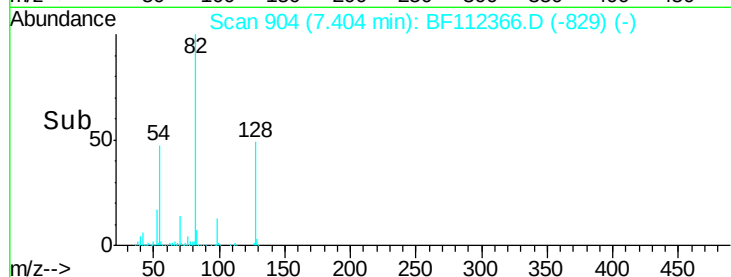
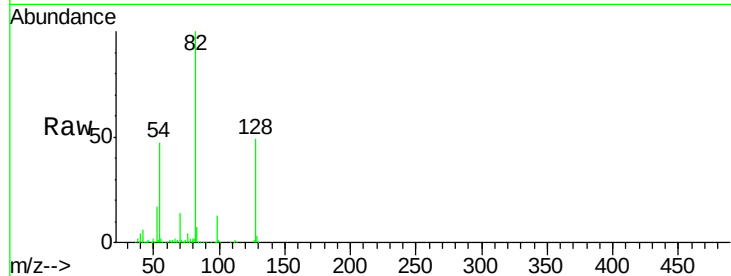
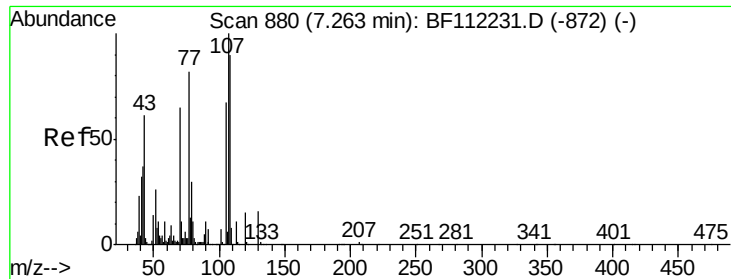
65 27.4 20.3 60.3

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

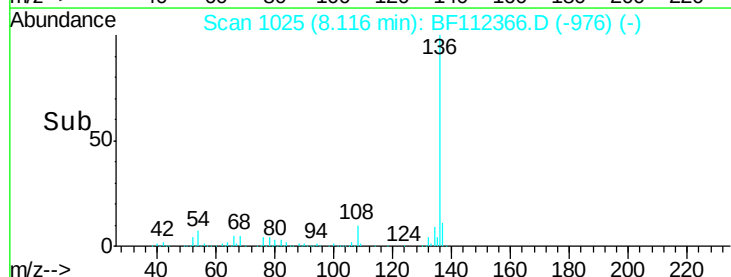
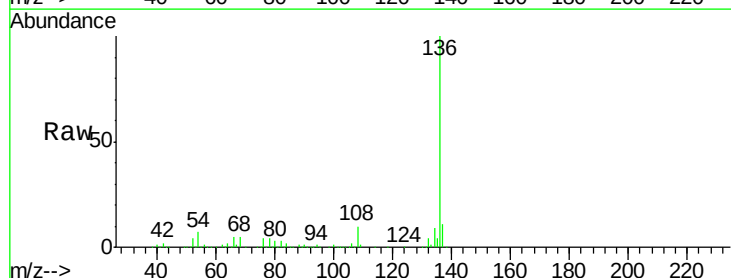
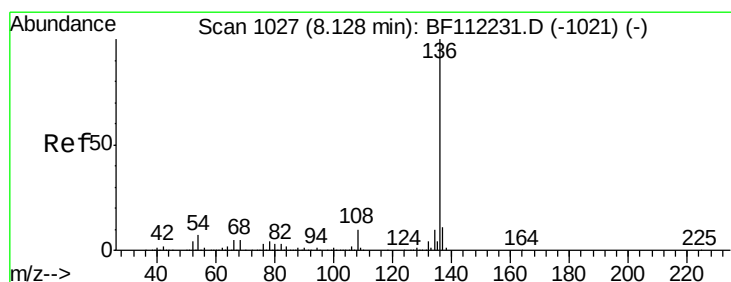
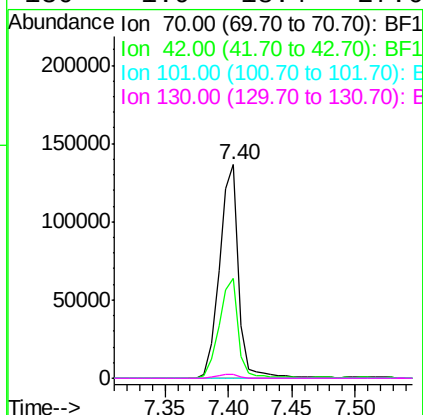




#19
n-Nitroso-di-n-propylamine
Concen: 18.876 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112366.D
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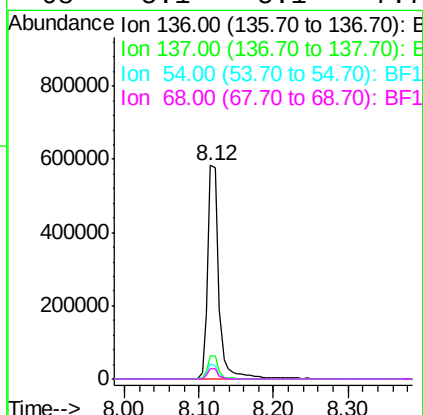
Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

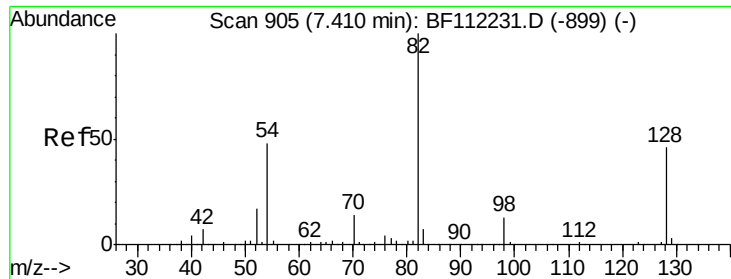
Tgt Ion:	70	Resp:	144130
Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.6	71.4#
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:	136	Resp:	620849
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	5.9	8.9
68	5.1	5.1	7.7#

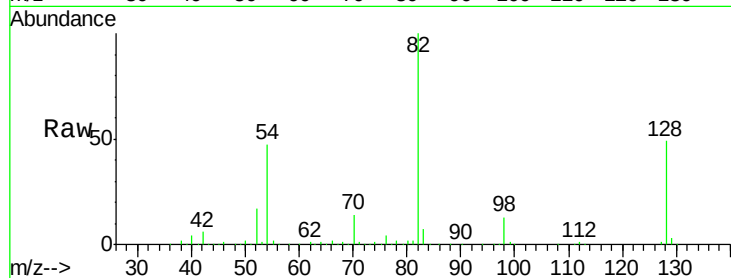




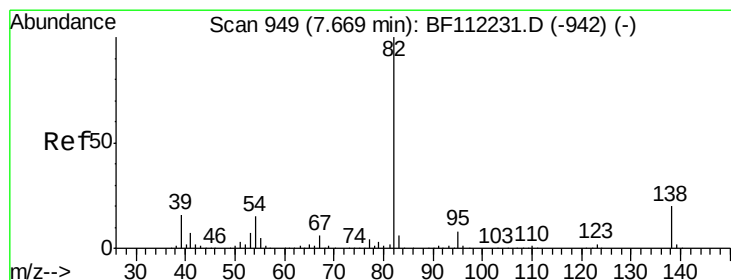
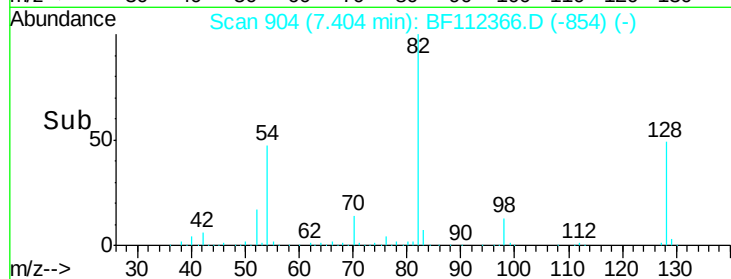
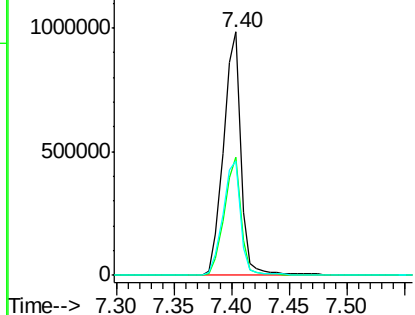
#23
 Nitrobenzene-d5
 Concen: 96.704 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112366.D
 Acq: 1 Feb 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-U-S

Tgt Ion: 82 Resp: 1041983
 Ion Ratio Lower Upper
 82 100
 128 48.7 37.8 56.8
 54 47.1 39.7 59.5

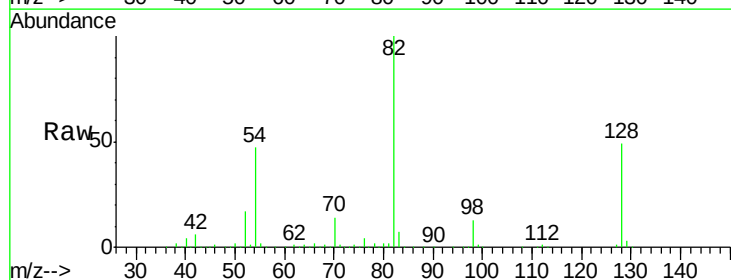


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

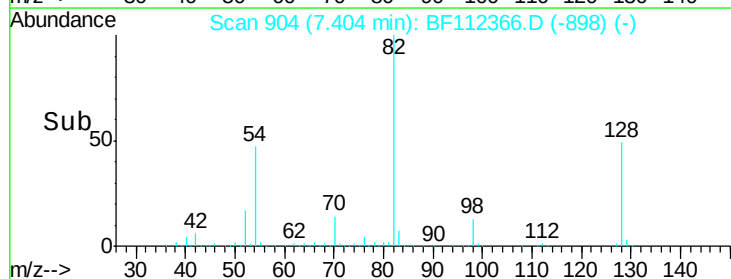
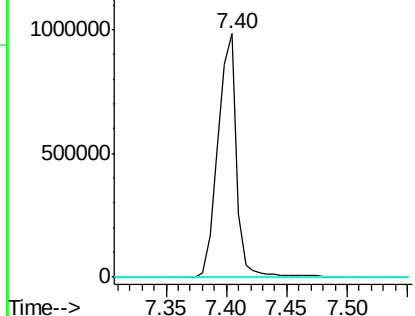


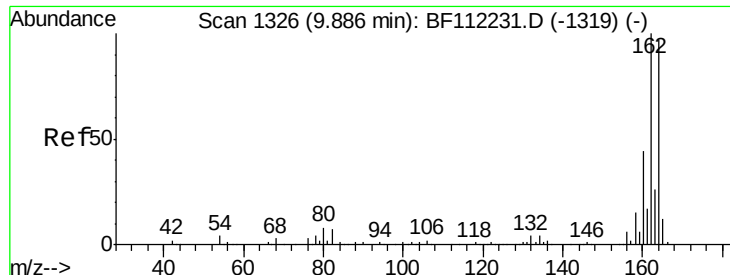
#25
 Isophorone
 Concen: 61.642 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.26 min
 Lab File: BF112366.D
 Acq: 1 Feb 2019 21:59

Tgt Ion: 82 Resp: 1041976
 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

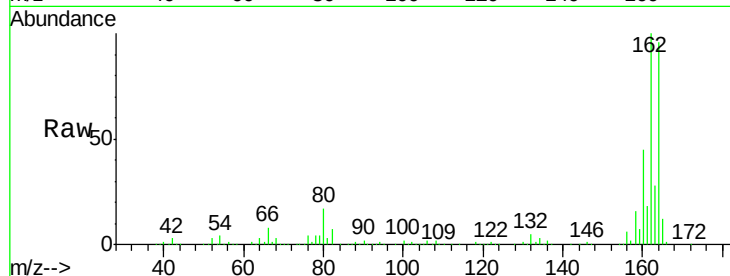




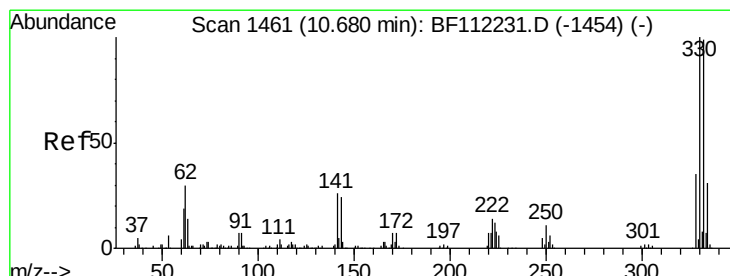
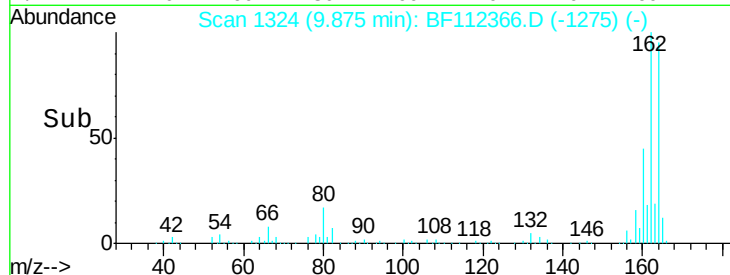
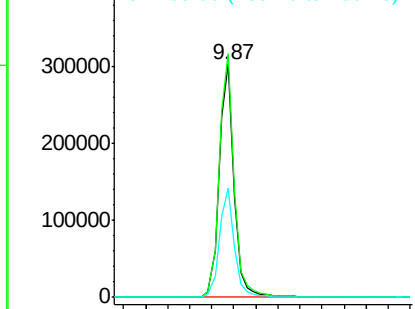
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112366.D
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Instrument :
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 012919-SIDI-E-U-S

Tgt Ion:164 Resp: 285858
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.2 123.4
 160 46.7 36.2 54.4

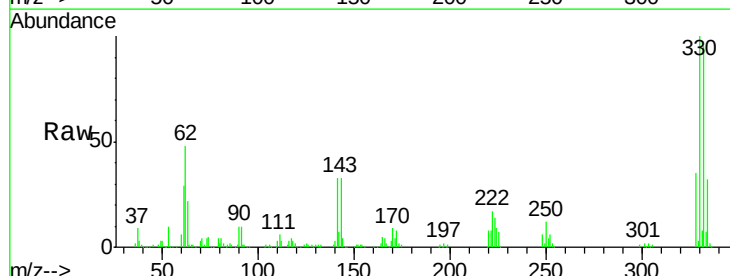


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

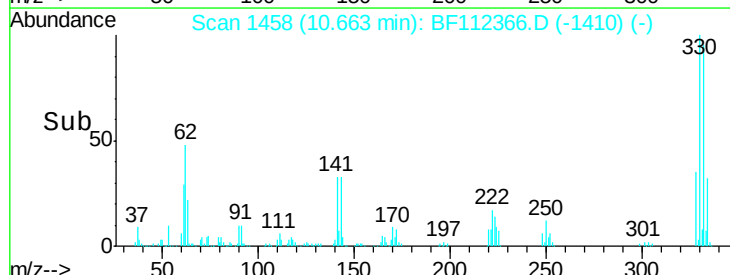
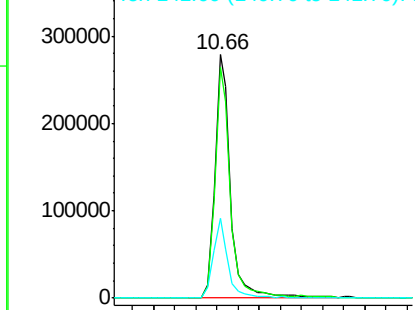


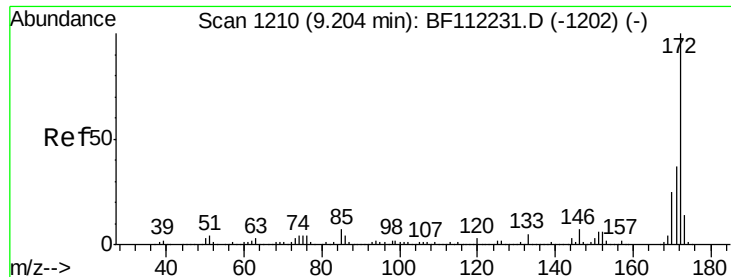
#42
 2,4,6-Tribromophenol
 Concen: 88.082 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112366.D
 Acq: 1 Feb 2019 21:59

Tgt Ion:330 Resp: 293076
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 31.7 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

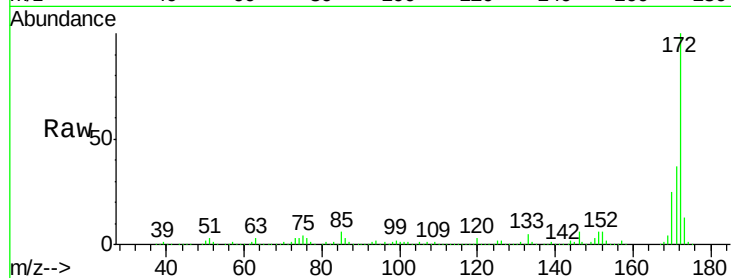




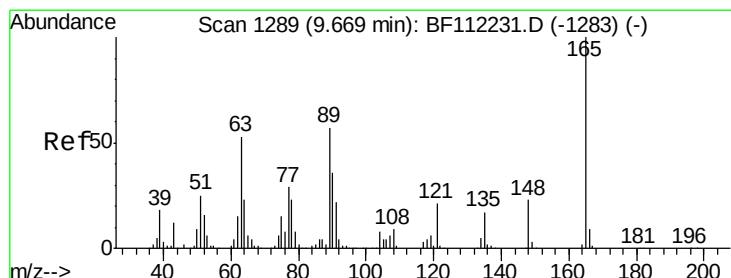
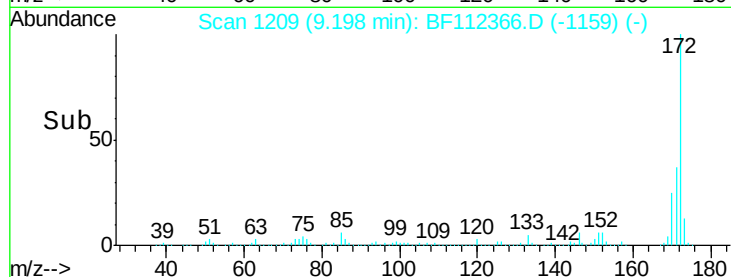
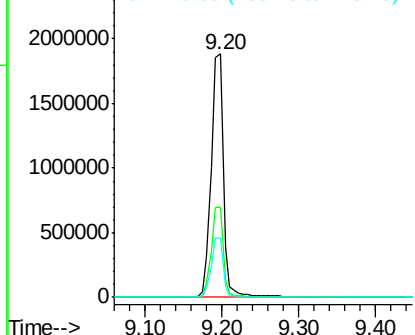
#45
2-Fluorobiphenyl
Concen: 101.972 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
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ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion:172 Resp: 2061011
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.5 20.2 30.4

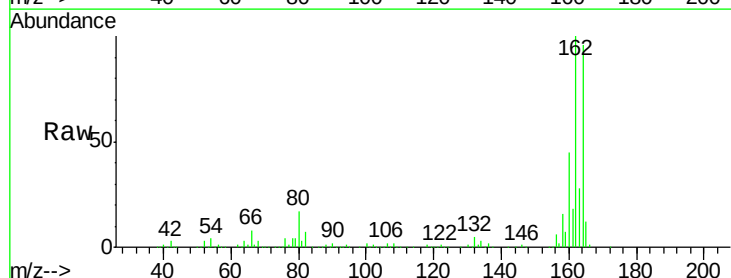


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

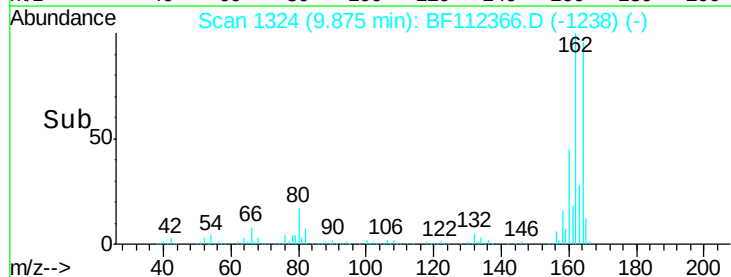
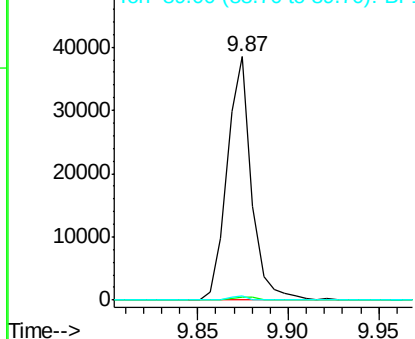


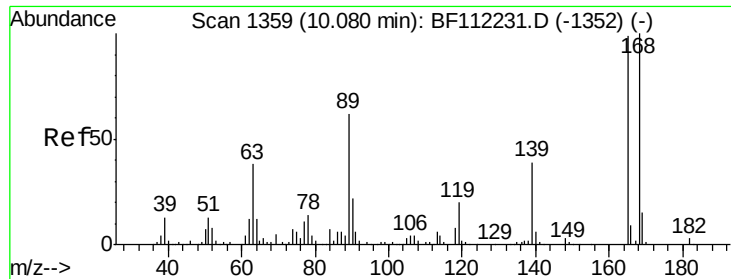
#51
2,6-Dinitrotoluene
Concen: 7.228 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion:165 Resp: 35955
Ion Ratio Lower Upper
165 100
63 1.5 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

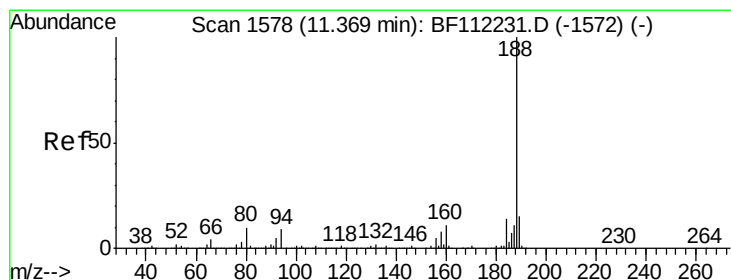
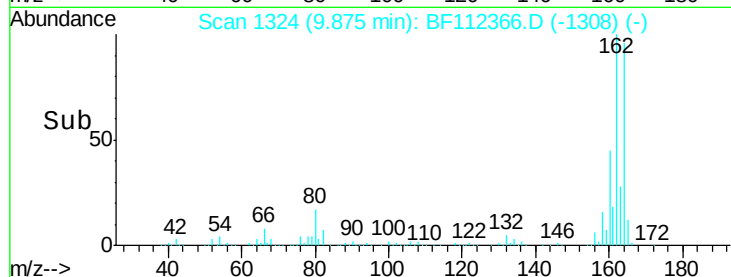
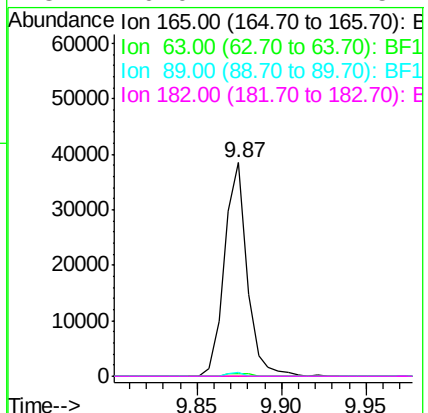
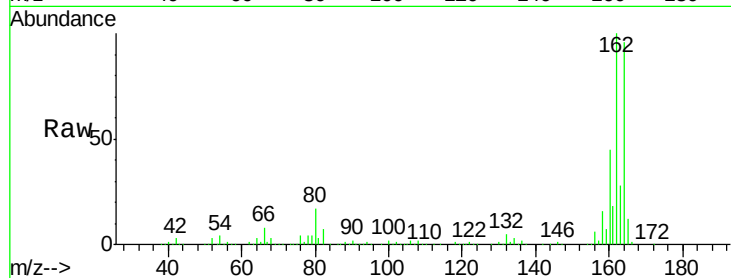




#57
2,4-Dinitrotoluene
Concen: 5.678 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

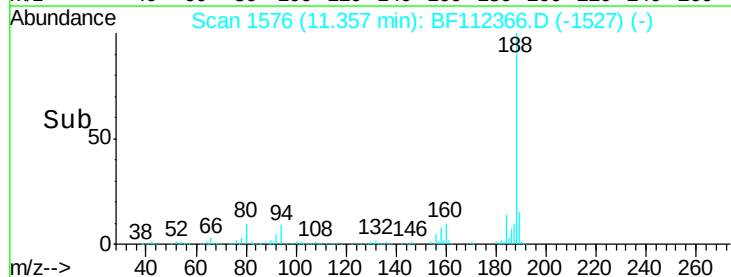
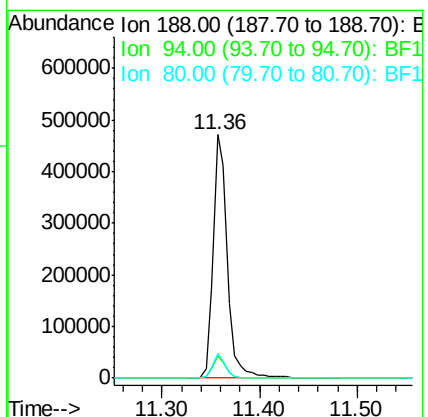
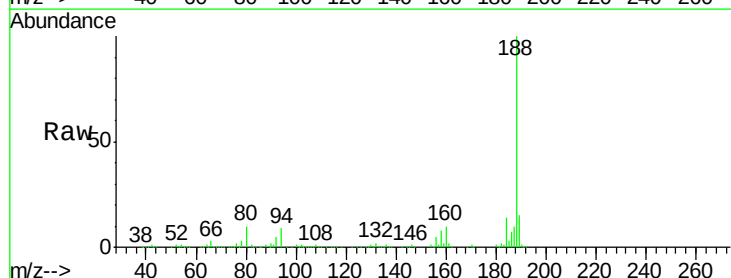
Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

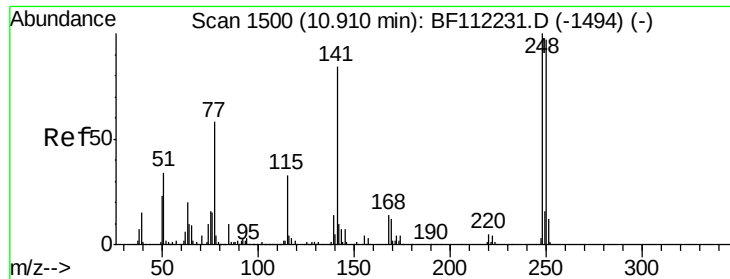
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	35956		
63	1.5	27.9	41.9#	
89	1.5	47.9	71.9#	
182	0.0	2.2	3.4#	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	474620		
94	8.9	8.2	12.2	
80	9.9	8.9	13.3	

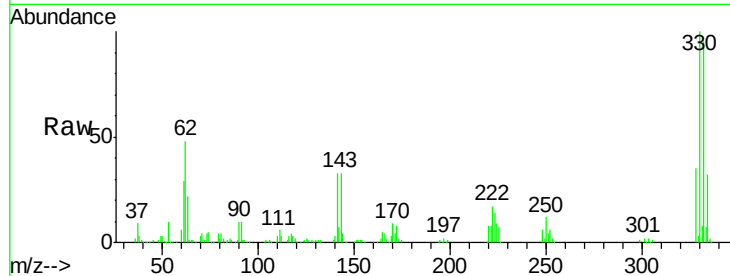




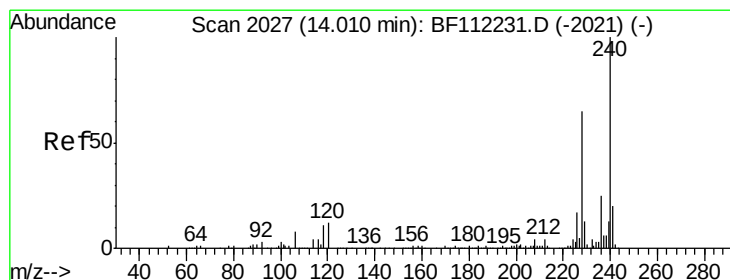
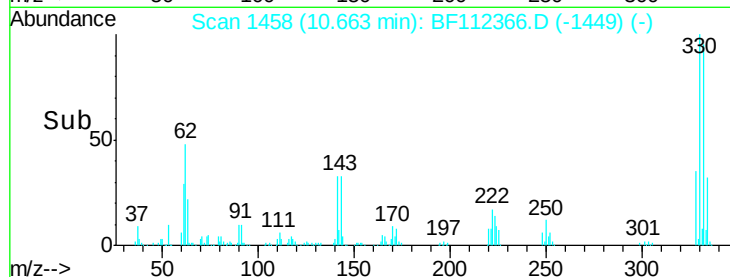
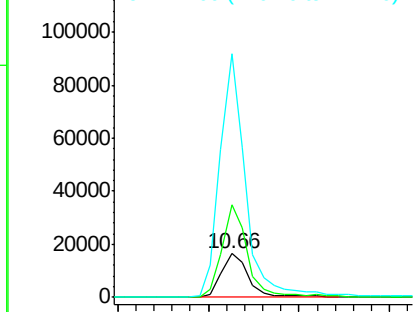
#67
 4-Bromophenyl-phenylether
 Concen: 3.072 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF112366.D
 Acq: 1 Feb 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-U-S

Tgt Ion:248 Resp: 17150
 Ion Ratio Lower Upper
 248 100
 250 212.5 79.7 119.5#
 141 560.5 60.3 90.5#

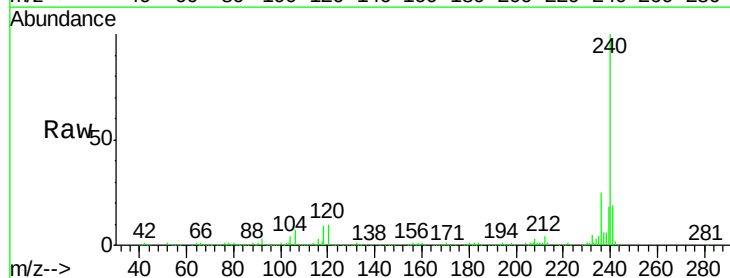


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

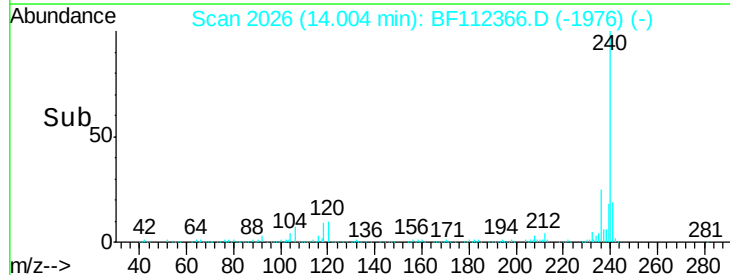
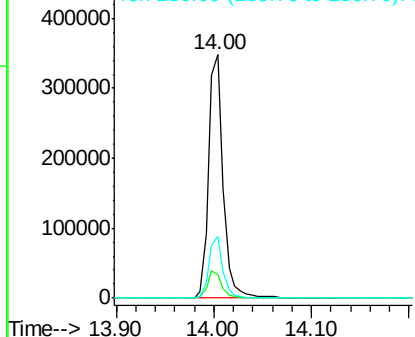


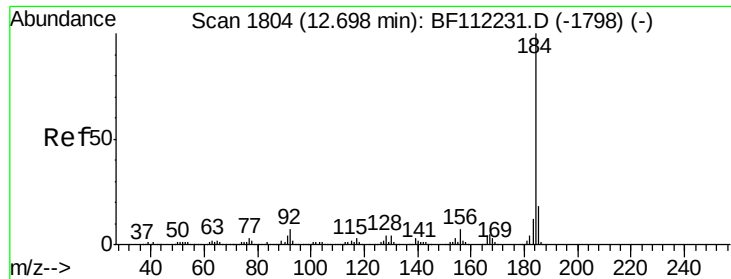
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112366.D
 Acq: 1 Feb 2019 21:59

Tgt Ion:240 Resp: 361325
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.0 13.6
 236 25.4 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





#77

Benzidine

Concen: 2.037 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.24 min

Lab File: BF112366.D

Acq: 1 Feb 2019 21:59

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-U-S

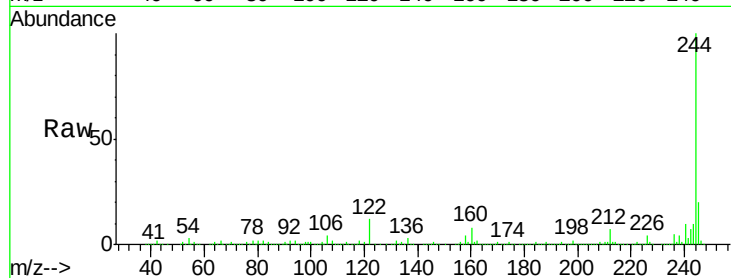
Tgt Ion:184 Resp: 20257

Ion Ratio Lower Upper

184 100

185 15.1 13.9 20.9

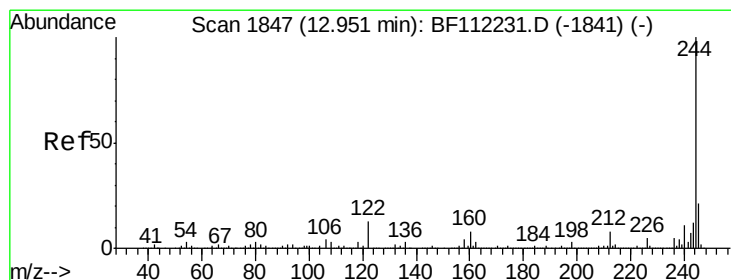
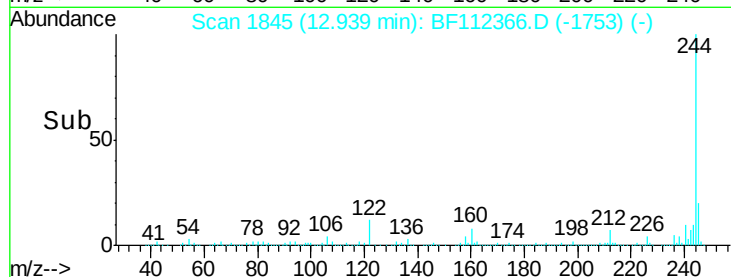
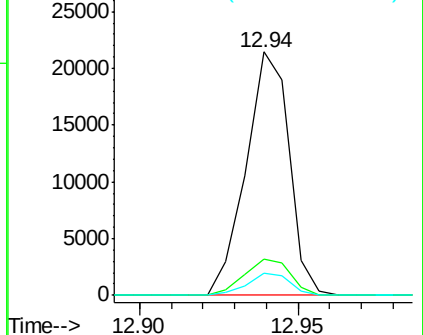
183 9.2 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 79.944 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112366.D

Acq: 1 Feb 2019 21:59

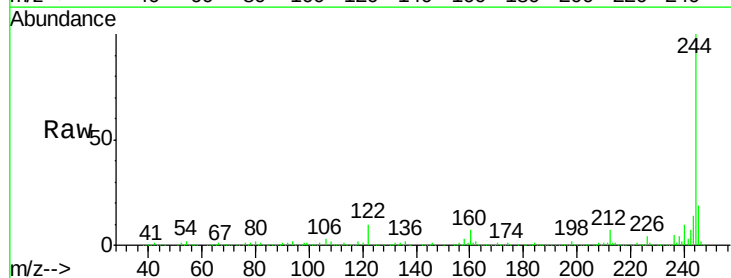
Tgt Ion:244 Resp: 1533667

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

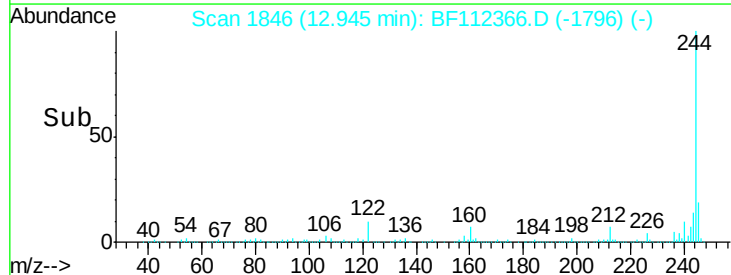
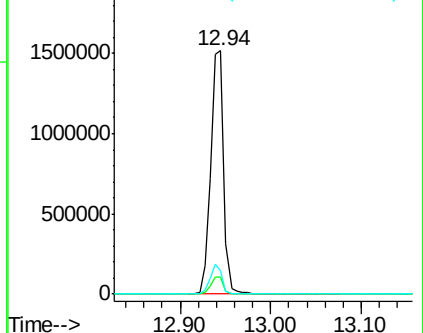
122 9.5 9.8 14.6#

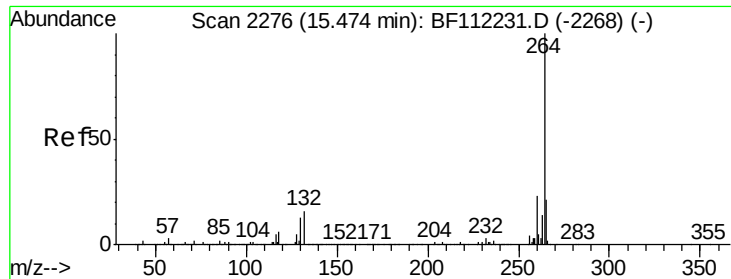


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112366.D
Acq: 1 Feb 2019 21:59

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.9	17.0	25.4

