

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112309.D
 Acq On : 29 Jan 2019 21:48
 Operator : JU/SJ
 Sample : K1266-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-SIDI-E-U-M

Quant Time: Jan 30 00:11:10 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

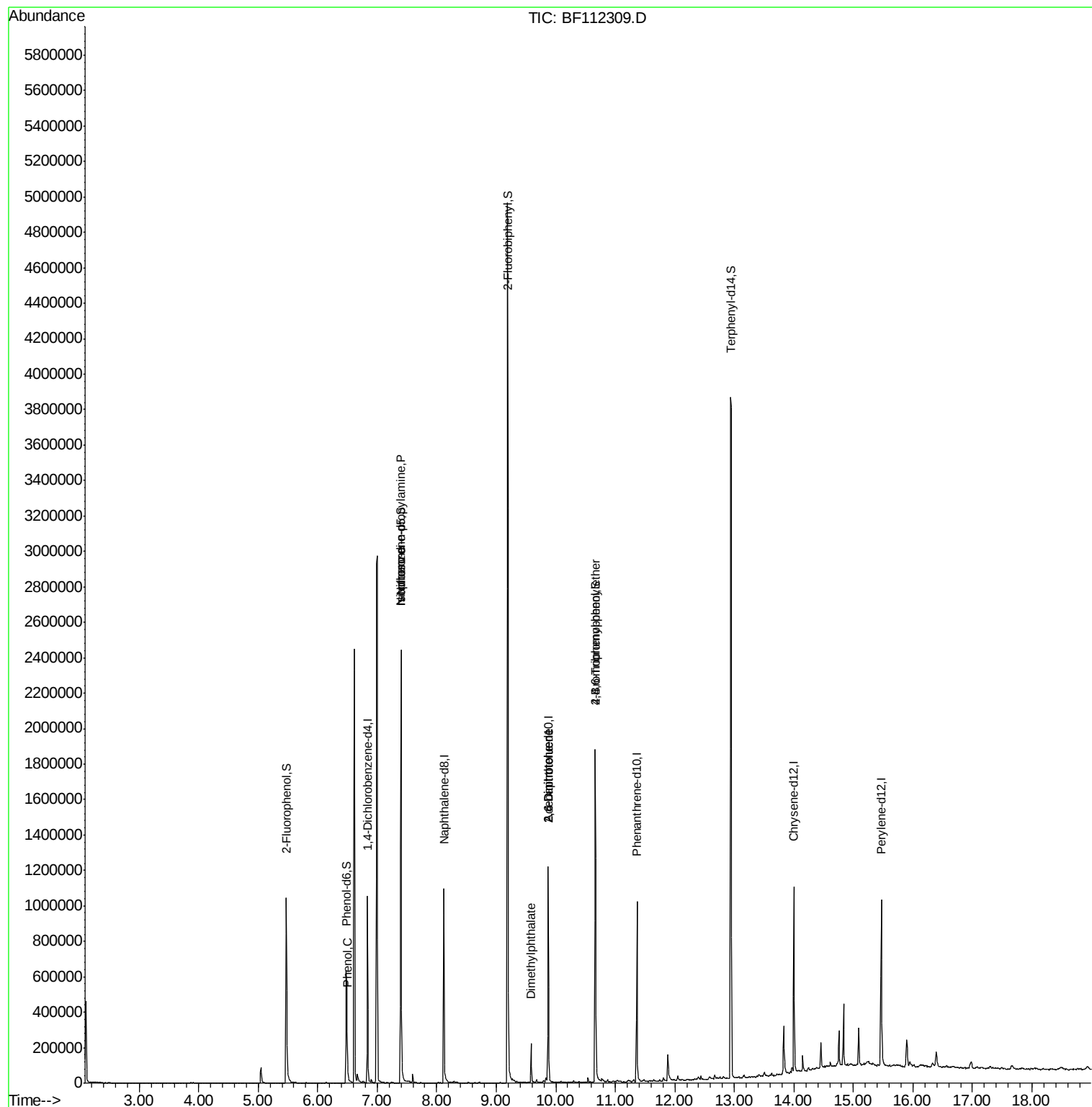
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	159031	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	567580	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	250019	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	437512	20.00	ng	0.00
76) Chrysene-d12	14.00	240	401668	20.00	ng	0.00
87) Perylene-d12	15.47	264	372149	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	340393	45.46	ng	0.00
7) Phenol-d6	6.48	99	243441	23.40	ng	-0.01
23) Nitrobenzene-d5	7.40	82	877620	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	238782	82.05	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1569219	88.77	ng	-0.01
79) Terphenyl-d14	12.94	244	1407226	65.99	ng	0.00
Target Compounds						
10) Phenol	6.50	94	34151	2.992	ng	# 77
19) n-Nitroso-di-n-propylamine	7.40	70	119670	16.682	ng	# 78
25) Isophorone	7.40	82	873989	56.557	ng	# 63
50) Dimethylphthalate	9.59	163	98615	5.077	ng	97
51) 2,6-Dinitrotoluene	9.87	165	30837	7.088	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	30837	5.568	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	14527	2.823	ng	# 1

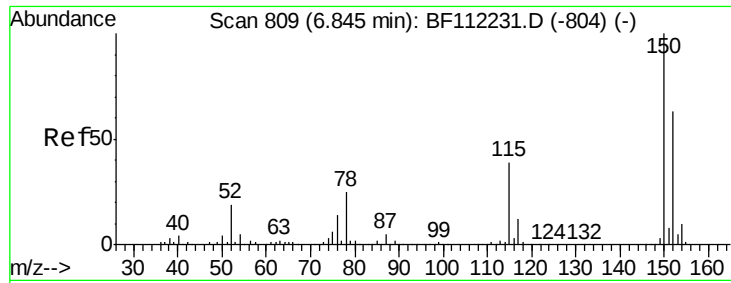
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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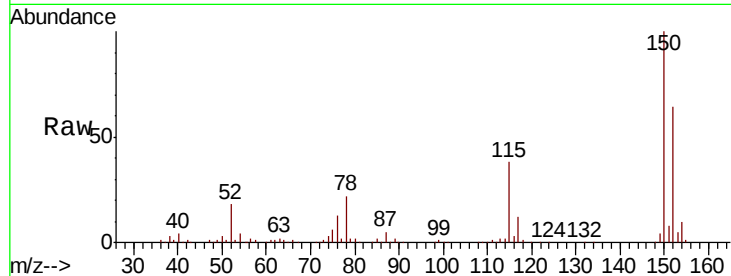


#1

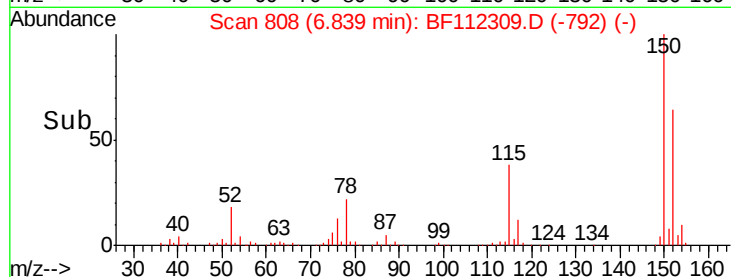
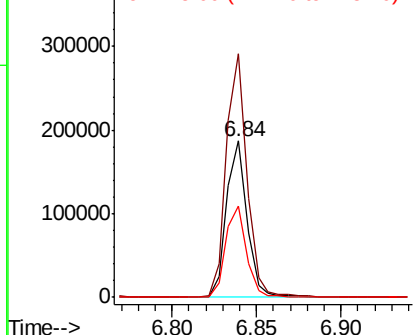
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-M

Tgt Ion:152 Resp: 159031
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 58.7 45.5 68.3



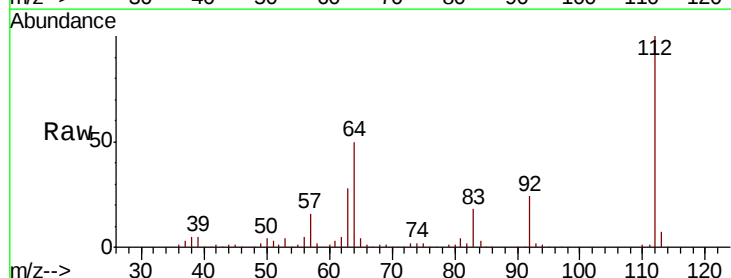
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



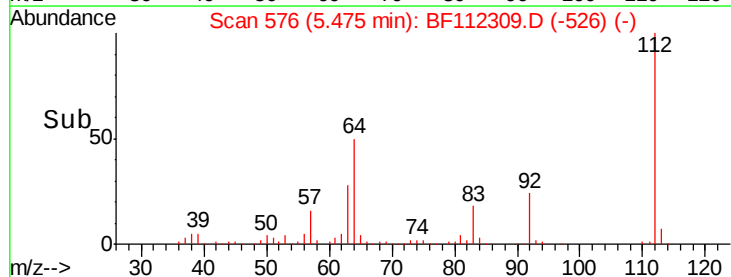
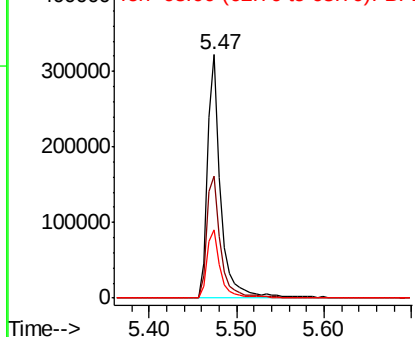
#5

2-Fluorophenol
Concen: 45.464 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion:112 Resp: 340393
Ion Ratio Lower Upper
112 100
64 50.0 45.7 68.5
63 27.9 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: 23.399 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-M

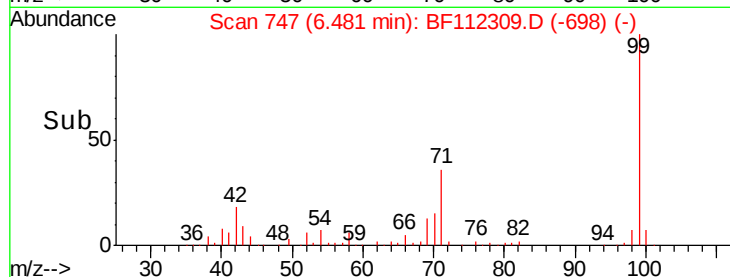
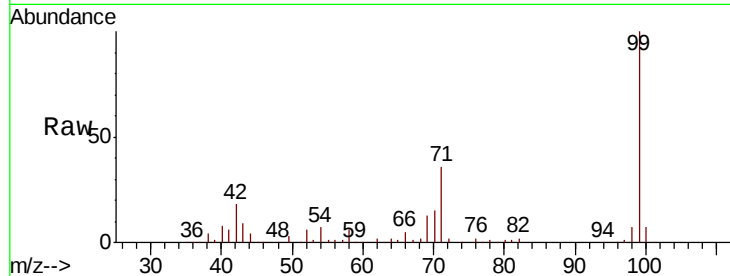
Tgt Ion: 99 Resp: 243441

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

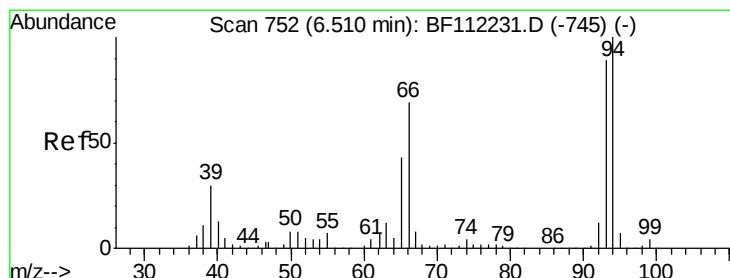
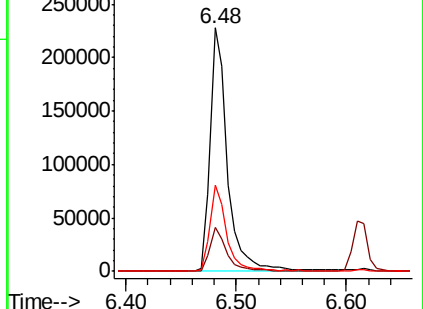
71 35.5 26.9 40.3



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: 2.992 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

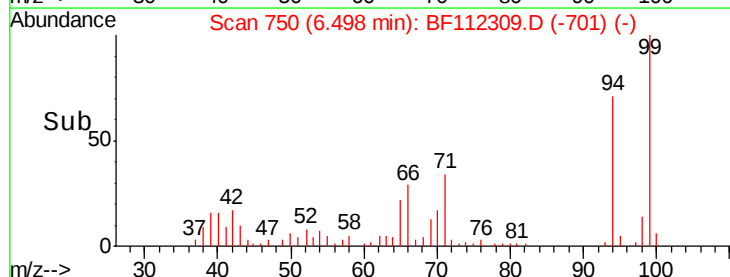
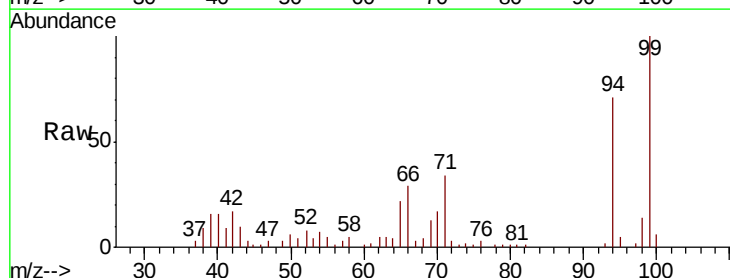
Tgt Ion: 94 Resp: 34151

Ion Ratio Lower Upper

94 100

65 30.8 20.3 60.3

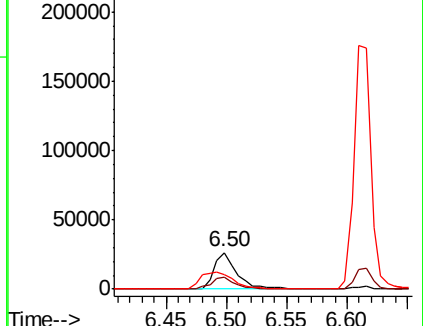
66 41.0 42.4 82.4#

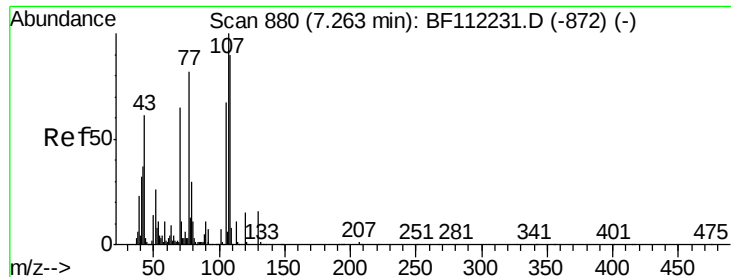


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

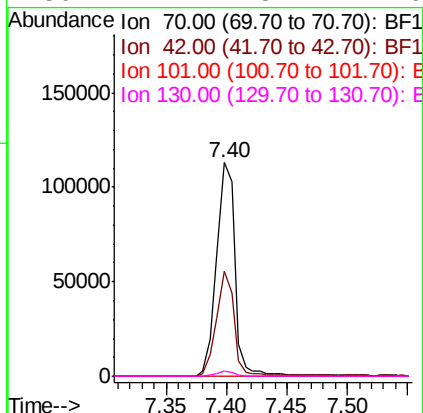
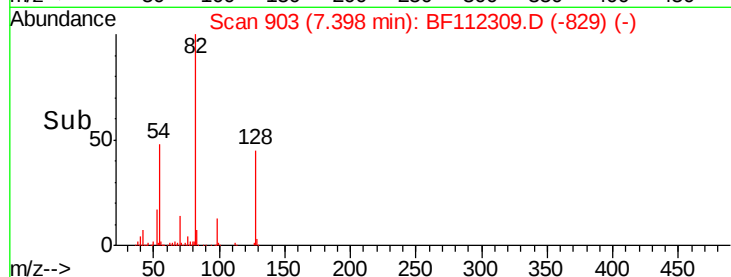
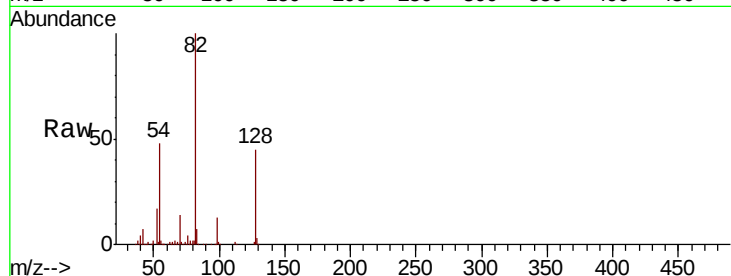




#19
n-Nitroso-di-n-propylamine
Concen: 16.682 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

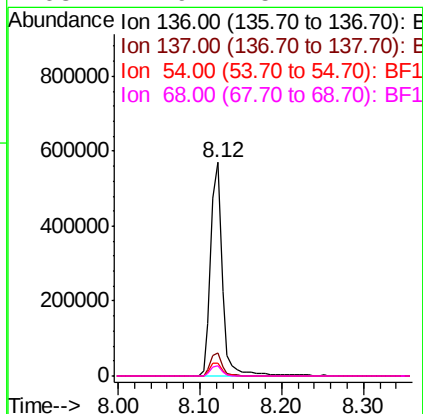
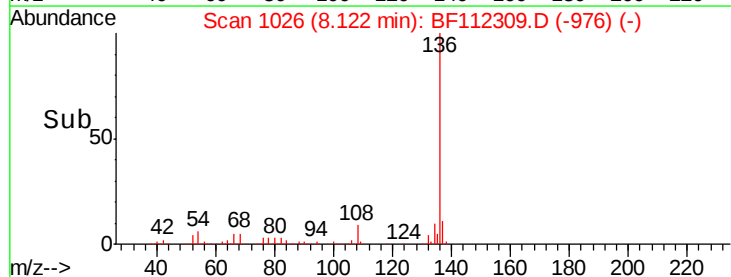
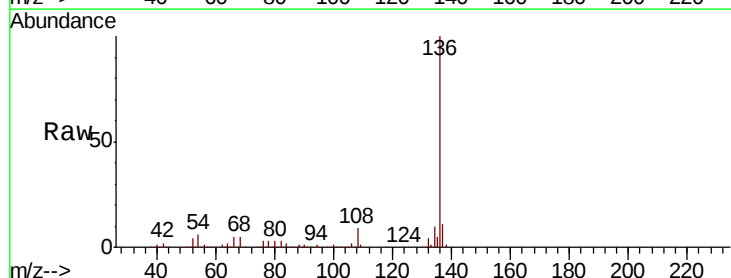
Instrument :
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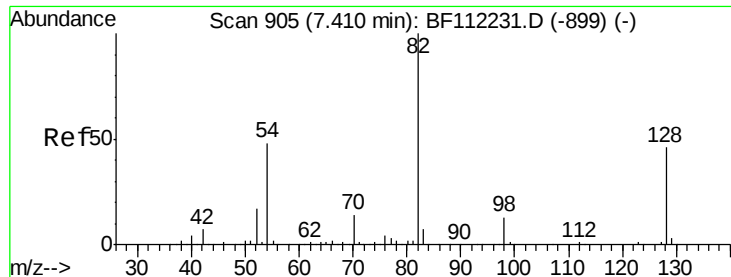
Tgt Ion: 70 Resp: 119670
Ion Ratio Lower Upper
70 100
42 49.3 47.6 71.4
101 0.0 7.9 11.9#
130 2.2 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion: 136 Resp: 567580
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 5.9 5.9 8.9
68 4.9 5.1 7.7#

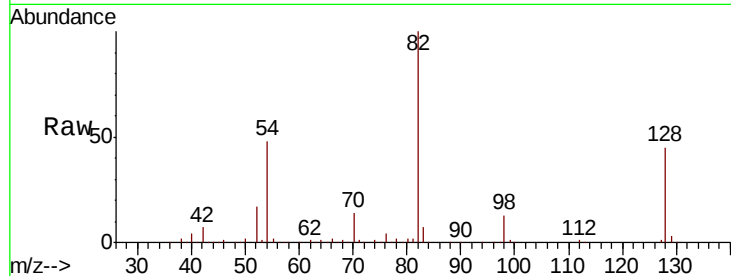




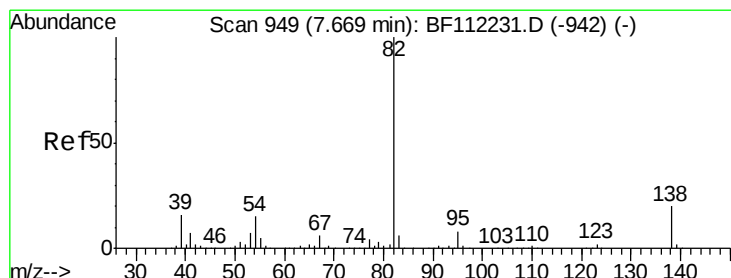
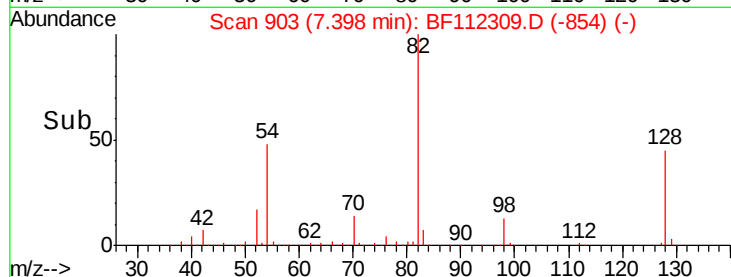
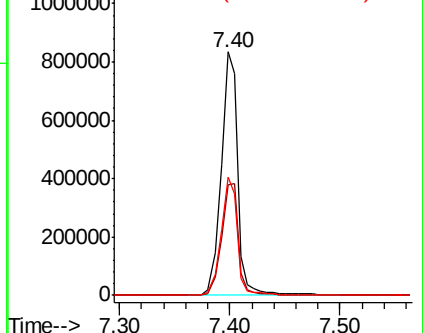
#23
Nitrobenzene-d5
Concen: 89.095 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-M

Tgt Ion: 82 Resp: 877620
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.8
54 48.5 39.7 59.5

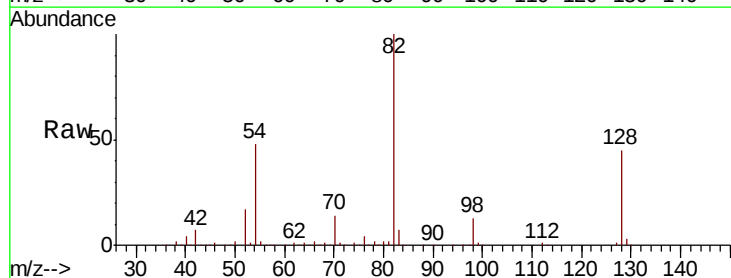


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

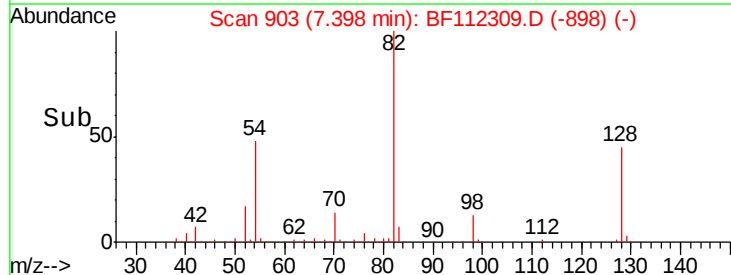
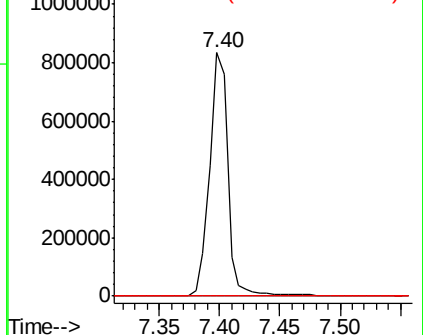


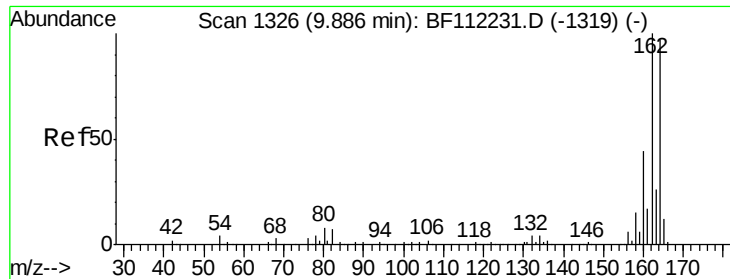
#25
Isophorone
Concen: 56.557 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion: 82 Resp: 873989
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

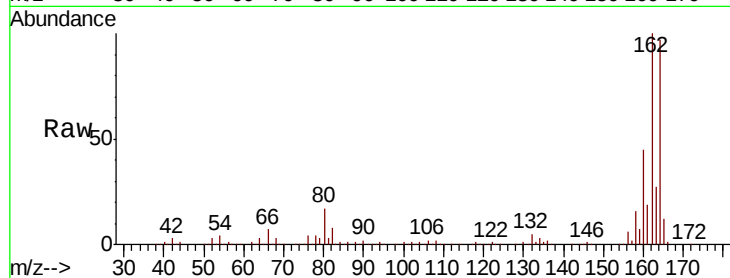




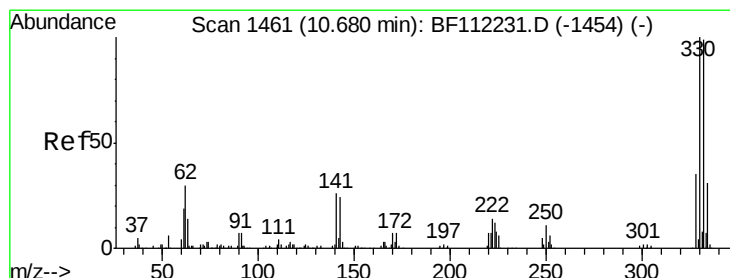
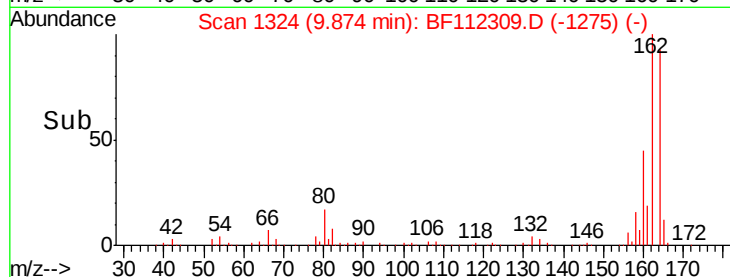
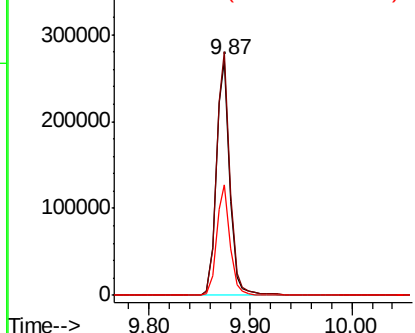
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Instrument :
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 012519-SIDI-E-U-M

Tgt Ion:	164	Resp:	250019
Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.2	123.4
160	47.0	36.2	54.4

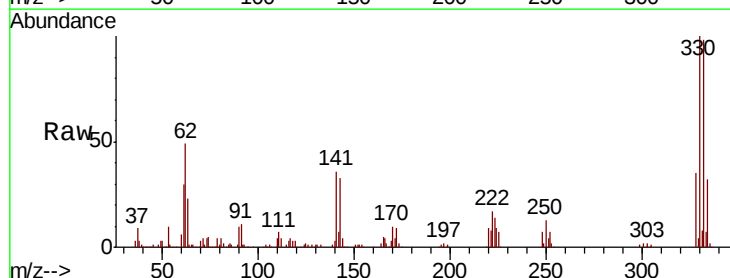


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

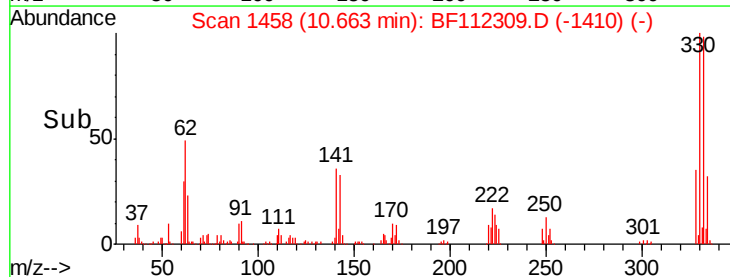
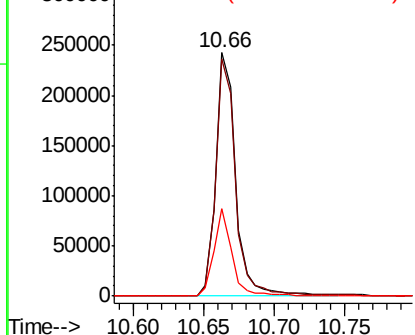


#42
 2,4,6-Tribromophenol
 Concen: 82.051 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Tgt Ion:	330	Resp:	238782
Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	33.1	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

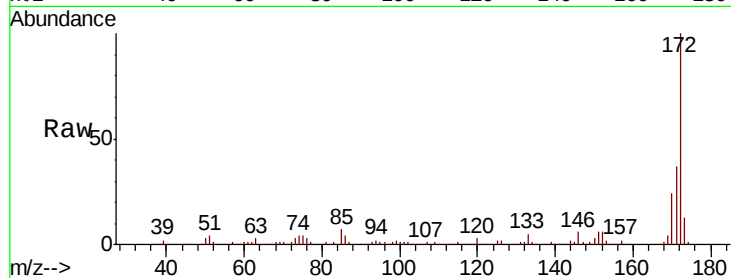




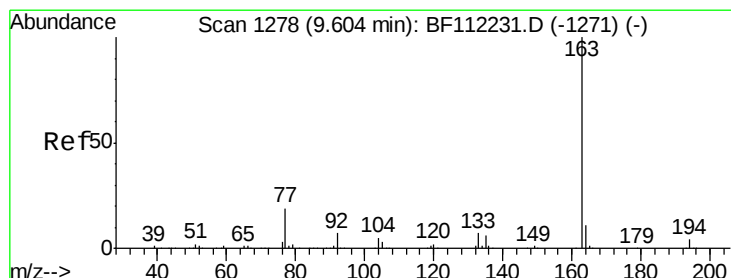
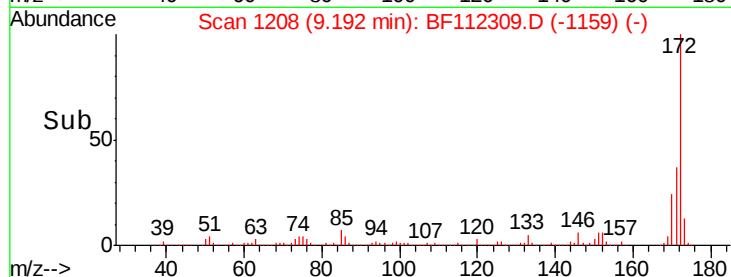
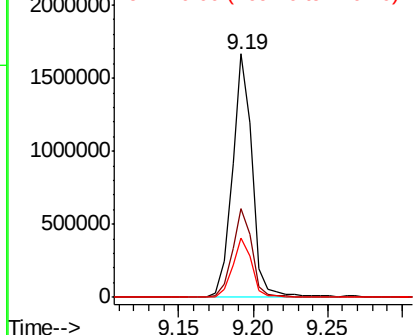
#45
 2-Fluorobiphenyl
 Concen: 88.769 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Instrument :
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 ClientSampleId :
 012519-SIDI-E-U-M

Tgt Ion:172 Resp: 1569219
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.3 20.2 30.4

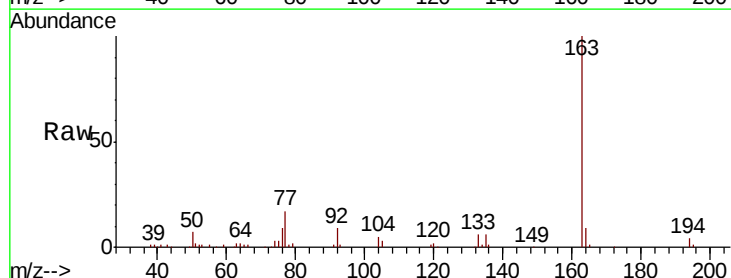


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

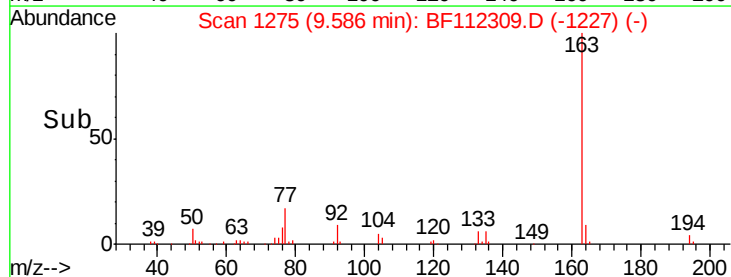
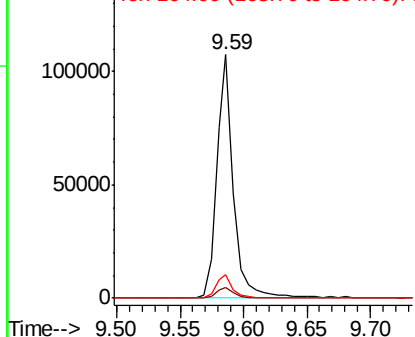


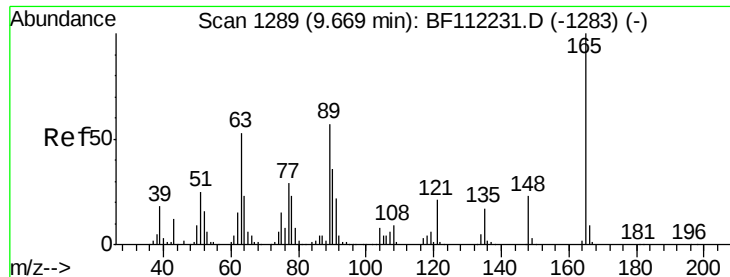
#50
 Dimethylphthalate
 Concen: 5.077 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112309.D
 Acq: 29 Jan 2019 21:48

Tgt Ion:163 Resp: 98615
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.3 4.9
 164 9.4 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: 7.088 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

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ClientSampleId :

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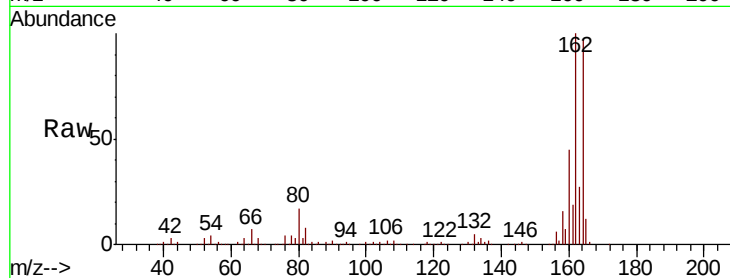
Tgt Ion:165 Resp: 30837

Ion Ratio Lower Upper

165 100

63 1.8 33.8 50.8#

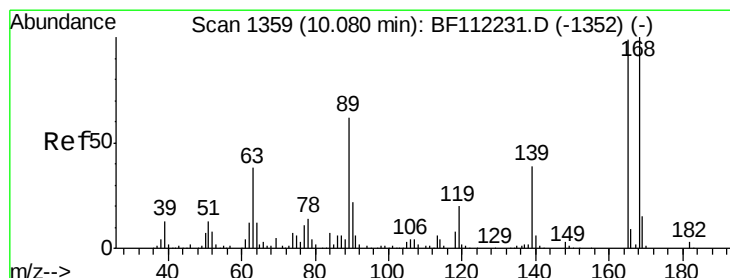
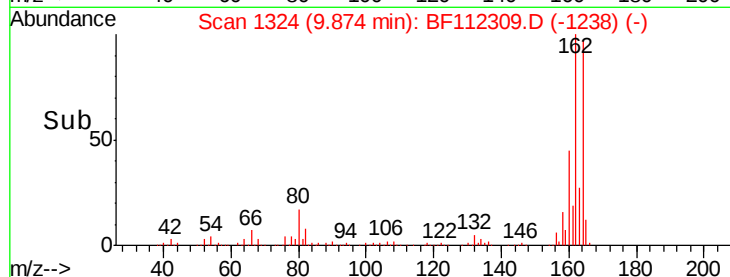
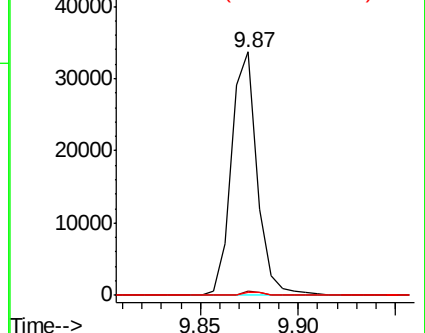
89 1.4 36.9 55.3#



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: 5.568 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Tgt Ion:165 Resp: 30837

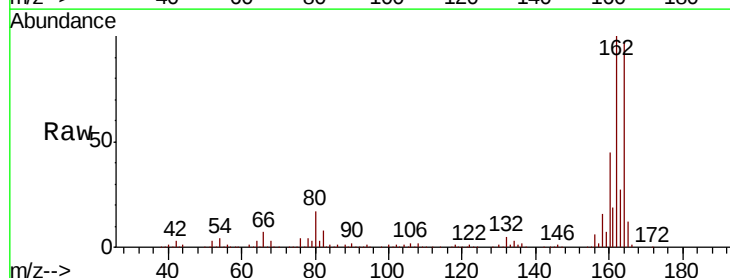
Ion Ratio Lower Upper

165 100

63 1.8 27.9 41.9#

89 1.4 47.9 71.9#

182 0.0 2.2 3.4#

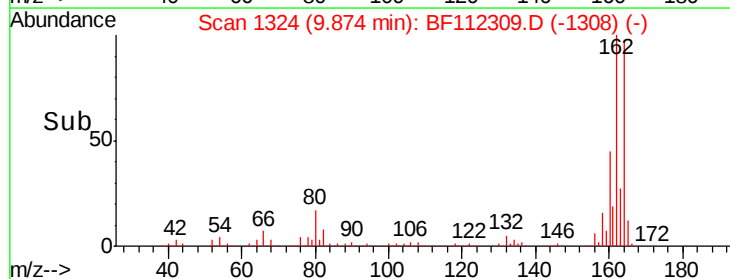
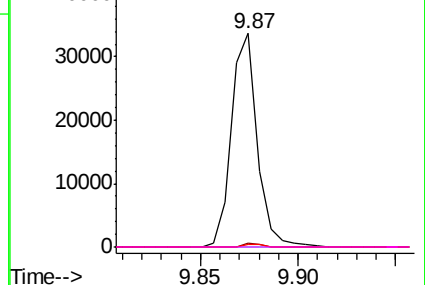


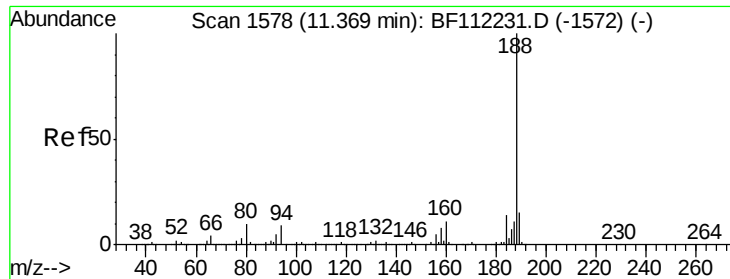
Abundance Ion 165.00 (164.70 to 165.70): E

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

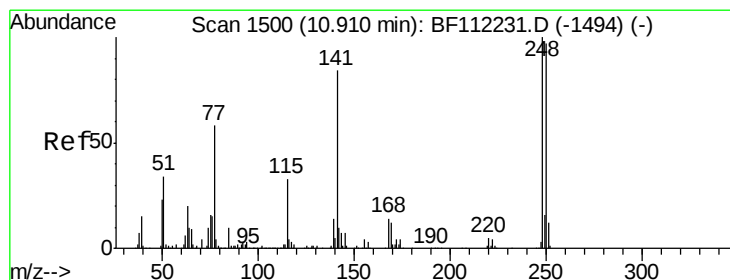
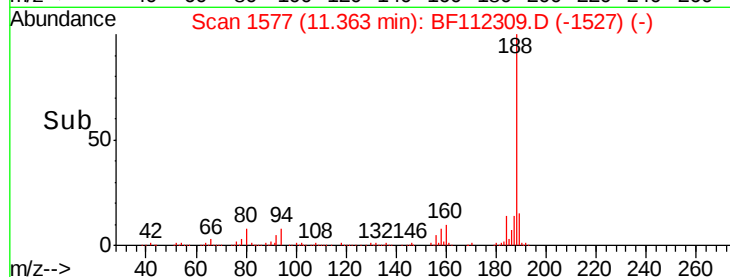
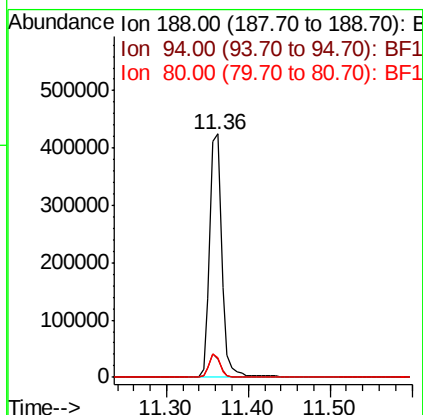
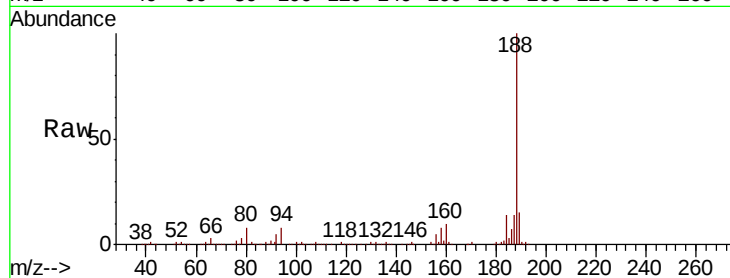




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

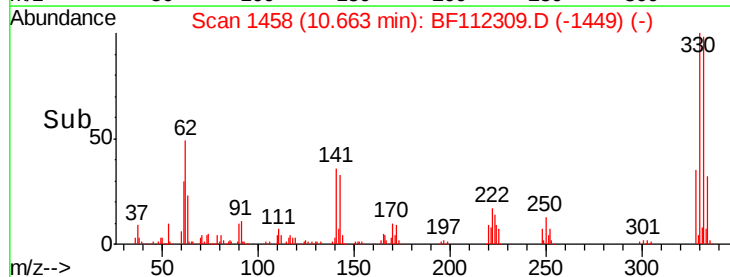
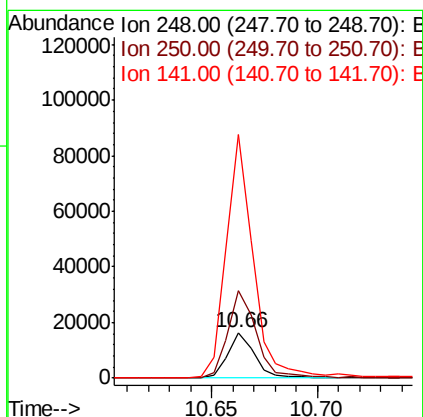
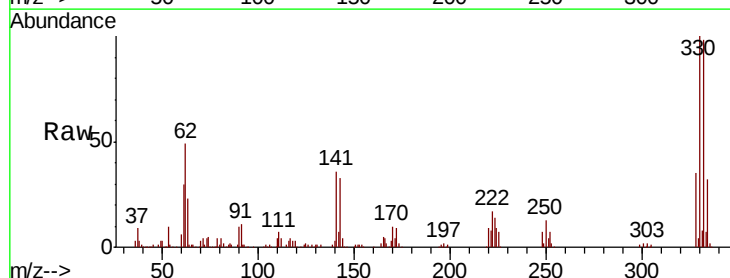
Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-M

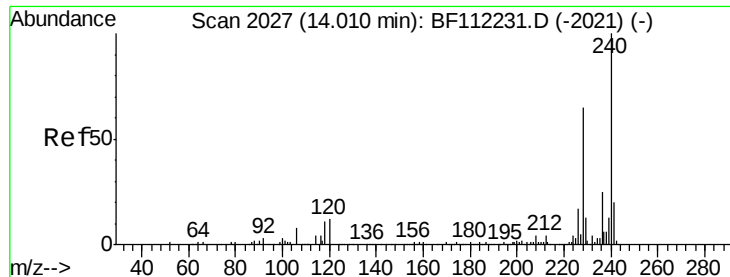
Tgt Ion:188 Resp: 437512
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 7.9 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 2.823 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Tgt Ion:248 Resp: 14527
Ion Ratio Lower Upper
248 100
250 193.1 79.7 119.5#
141 538.6 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

Instrument :

BNA_F

ClientSampleId :

012519-SIDI-E-U-M

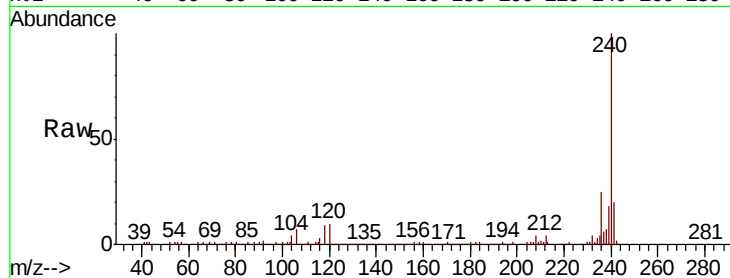
Tgt Ion:240 Resp: 401668

Ion Ratio Lower Upper

240 100

120 10.0 9.0 13.6

236 25.5 20.7 31.1

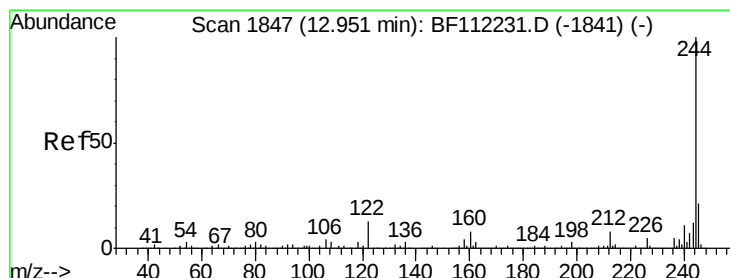
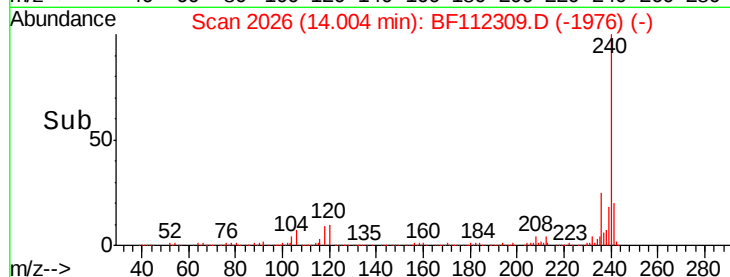
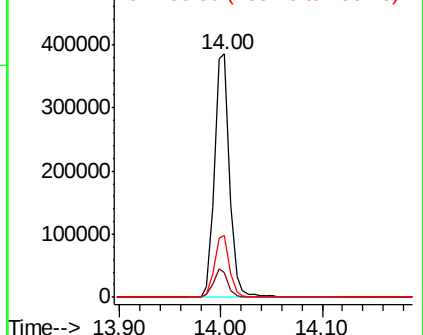


Abundance

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: 65.986 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112309.D

Acq: 29 Jan 2019 21:48

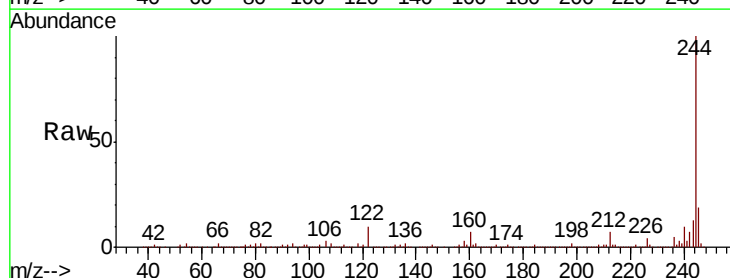
Tgt Ion:244 Resp: 1407226

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.1 9.8 14.6

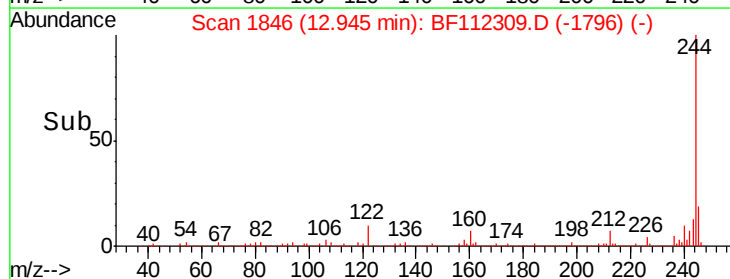
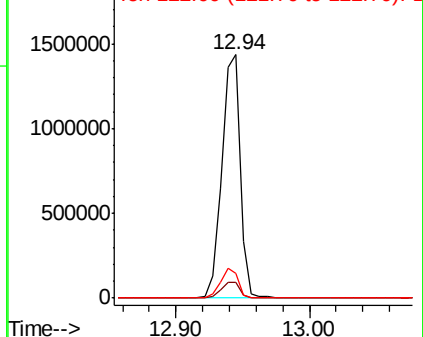


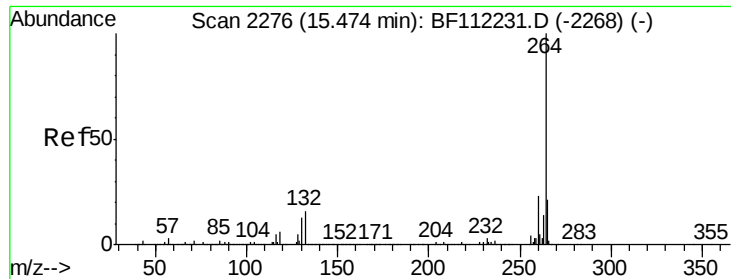
Abundance

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: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112309.D
Acq: 29 Jan 2019 21:48

Instrument :
BNA_F
ClientSampleId :
012519-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.2	17.0	25.4

