

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
 Data File : BF112302.D
 Acq On : 29 Jan 2019 18:29
 Operator : JU/SJ
 Sample : K1266-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-S

Quant Time: Jan 30 00:09:57 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

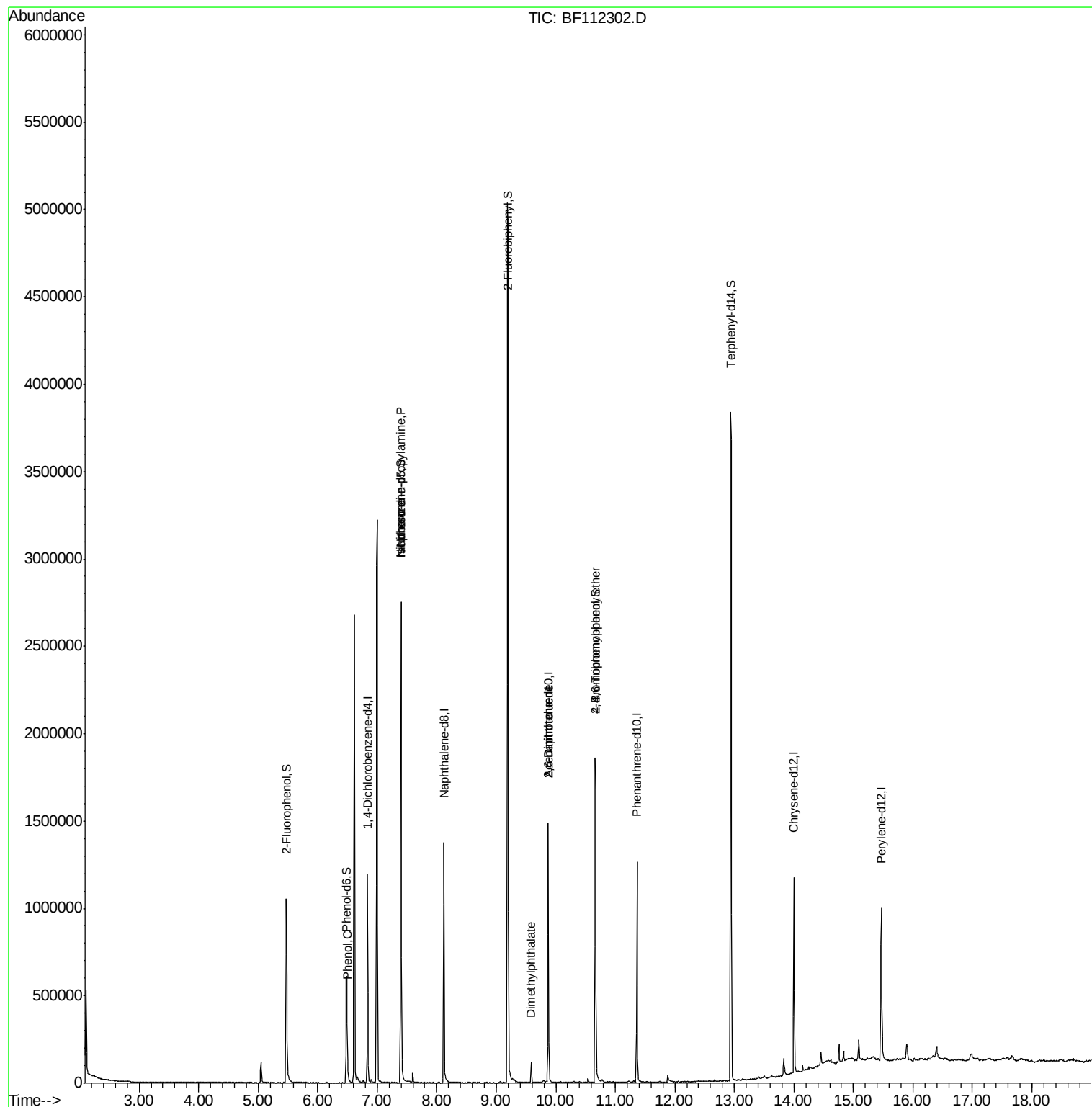
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	178335	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	649319	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	296342	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	491088	20.00	ng	0.00
76) Chrysene-d12	14.00	240	395818	20.00	ng	0.00
87) Perylene-d12	15.47	264	374265	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	336760	40.11	ng	0.00
7) Phenol-d6	6.49	99	247348	21.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	981770	87.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	262804	76.19	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1753167	83.67	ng	0.00
79) Terphenyl-d14	12.94	244	1354485	64.45	ng	0.00
Target Compounds						
10) Phenol	6.50	94	40477	3.162	ng	# 76
19) n-Nitroso-di-n-propylamine	7.40	70	133398	16.582	ng	# 75
25) Isophorone	7.40	82	974797	55.140	ng	# 63
50) Dimethylphthalate	9.59	163	52420	2.277	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	37969	7.363	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37970	5.784	ng	# 32
67) 4-Bromophenyl-phenylether	10.67	248	15297	2.648	ng	# 1

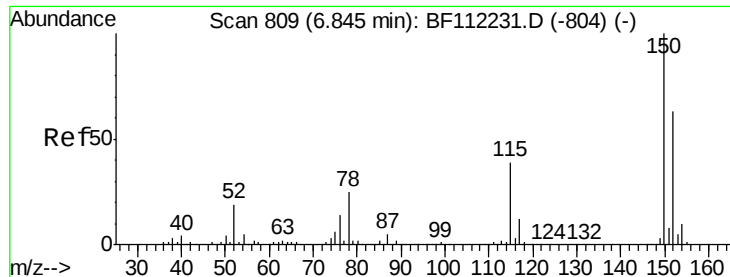
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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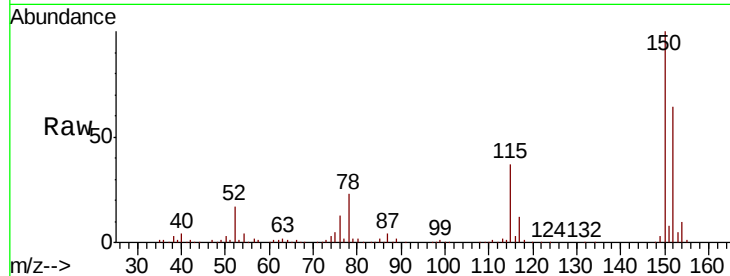


#1

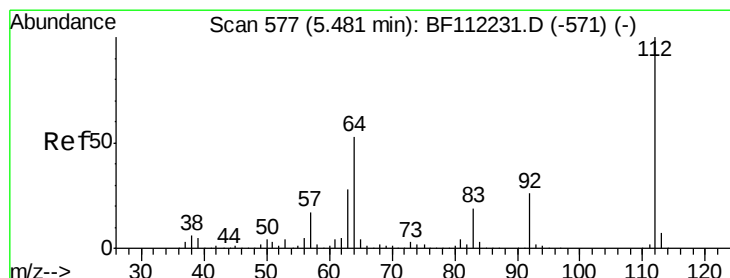
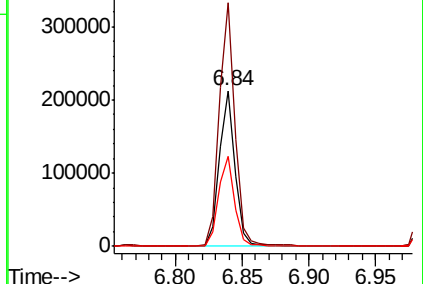
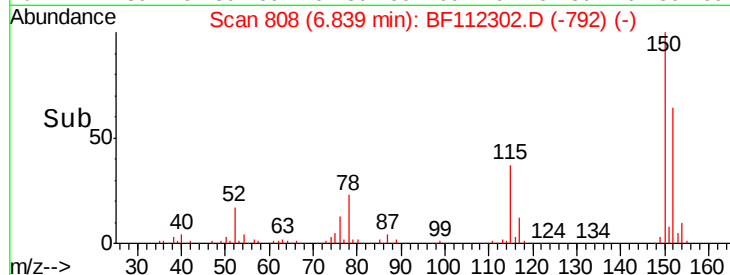
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

Tgt Ion:152 Resp: 178335
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 58.1 45.5 68.3



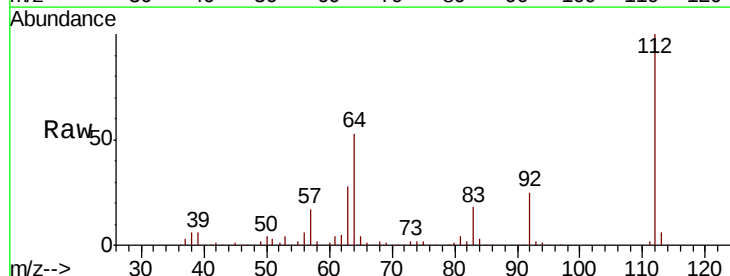
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



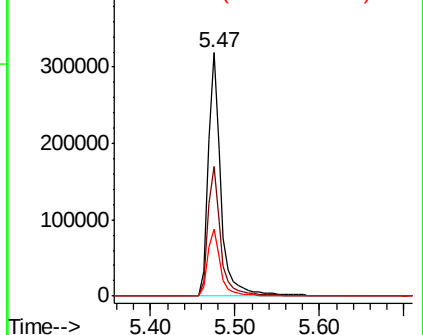
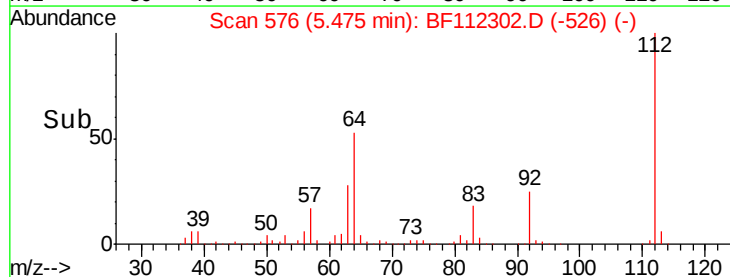
#5

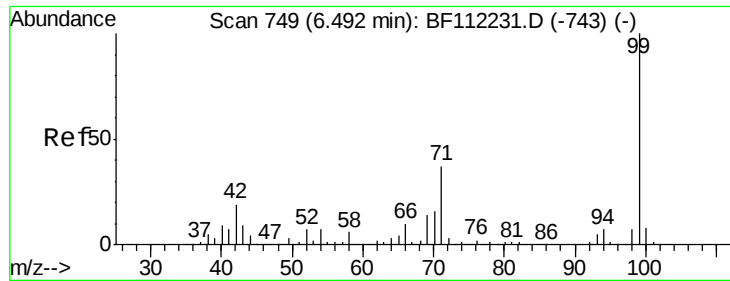
2-Fluorophenol
Concen: 40.110 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:112 Resp: 336760
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 27.7 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: 21.201 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-S

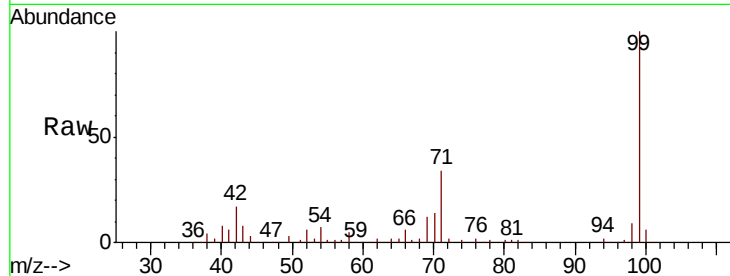
Tgt Ion: 99 Resp: 247348

Ion Ratio Lower Upper

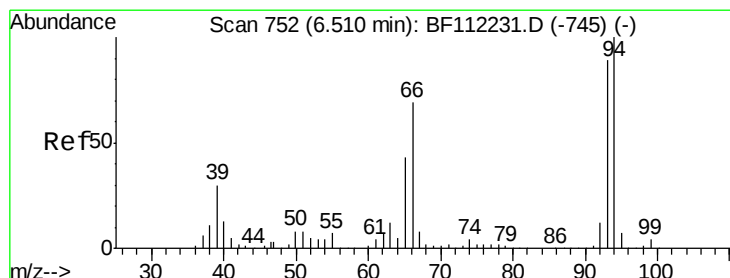
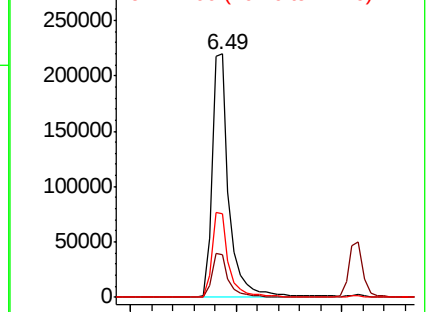
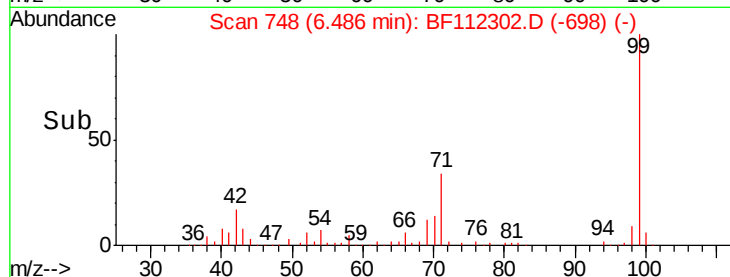
99 100

42 17.4 15.1 22.7

71 34.3 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



#10

Phenol

Concen: 3.162 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

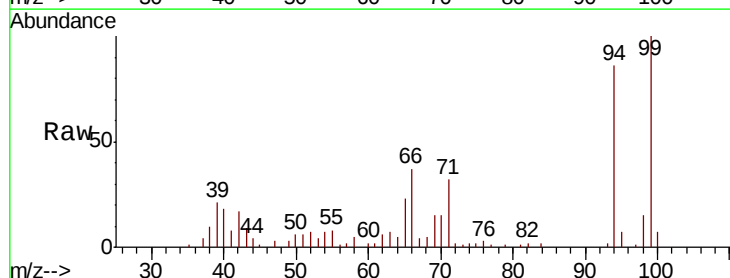
Tgt Ion: 94 Resp: 40477

Ion Ratio Lower Upper

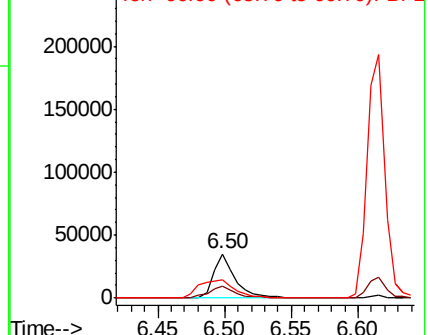
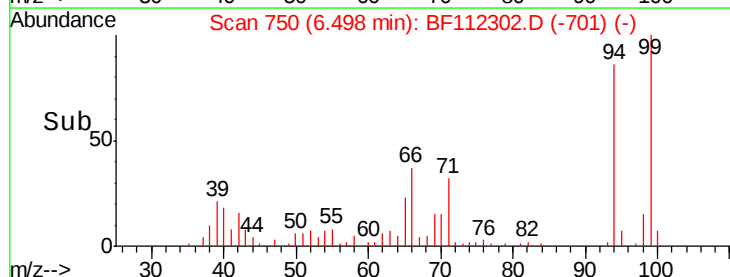
94 100

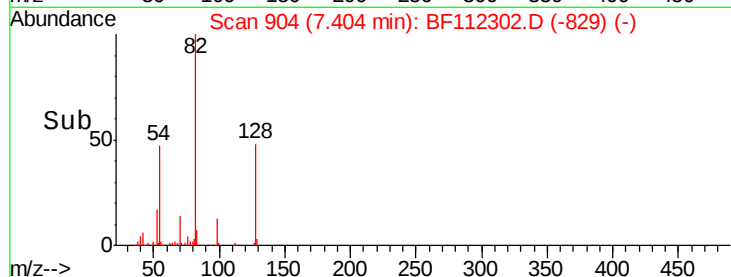
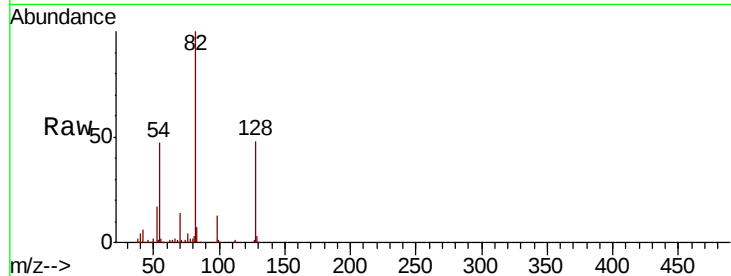
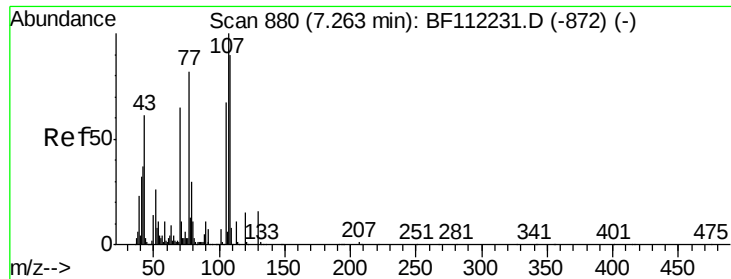
65 27.0 20.3 60.3

66 42.3 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

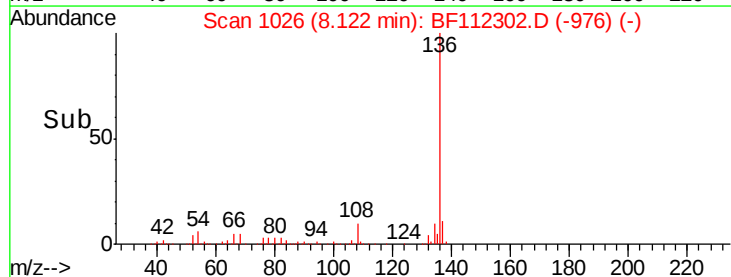
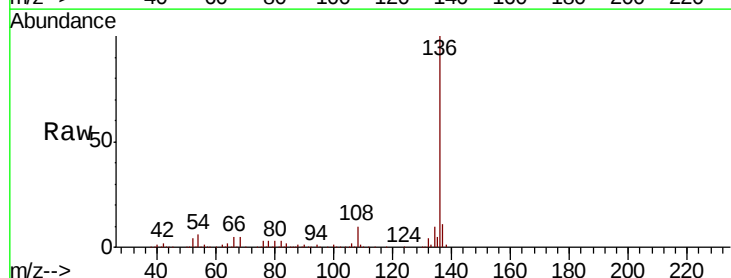
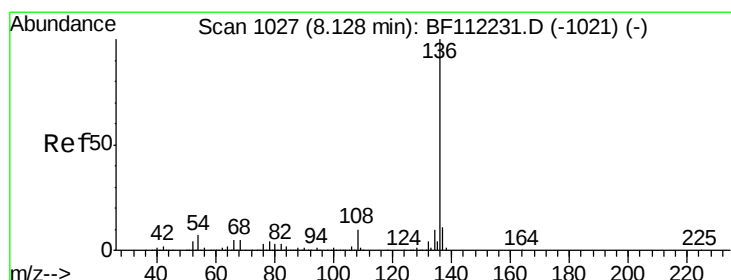
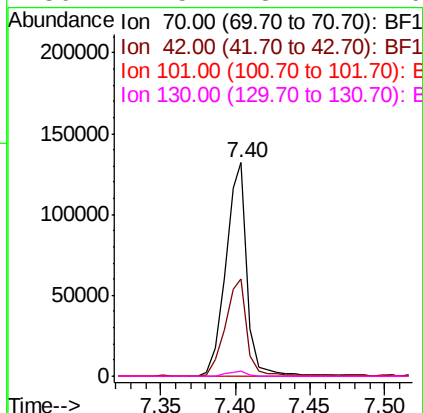




#19
n-Nitroso-di-n-propylamine
Concen: 16.582 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

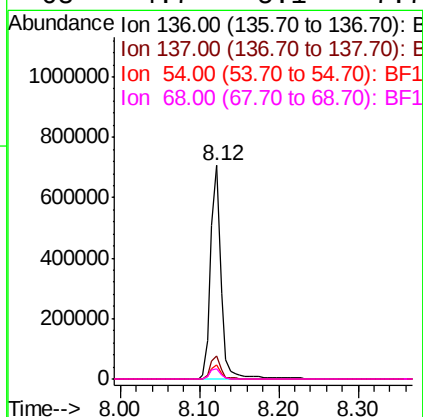
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

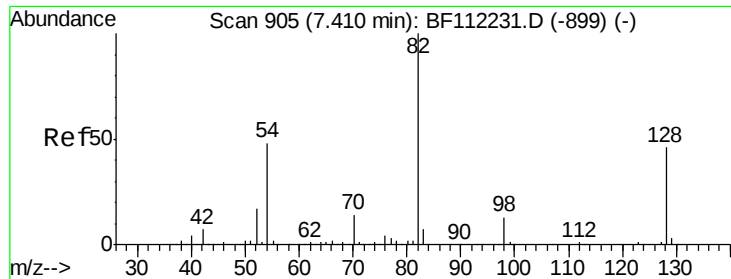
Tgt Ion: 70 Resp: 133398
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 7.9 11.9#
130 2.5 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion: 136 Resp: 649319
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 6.4 5.9 8.9
68 4.7 5.1 7.7#

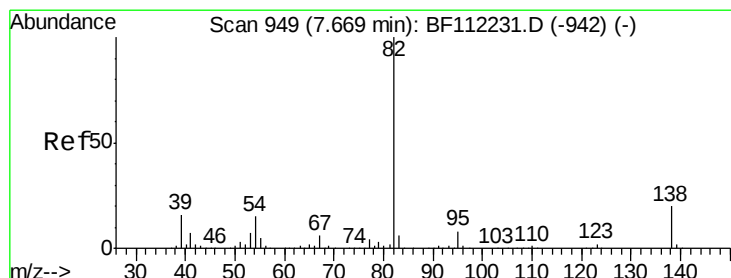
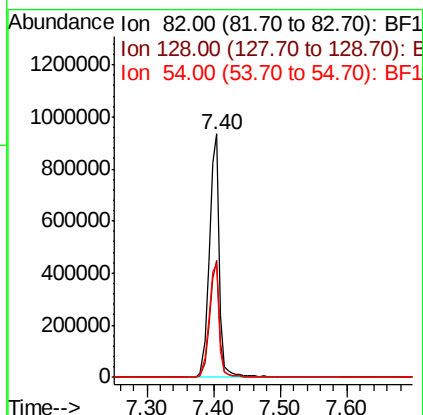
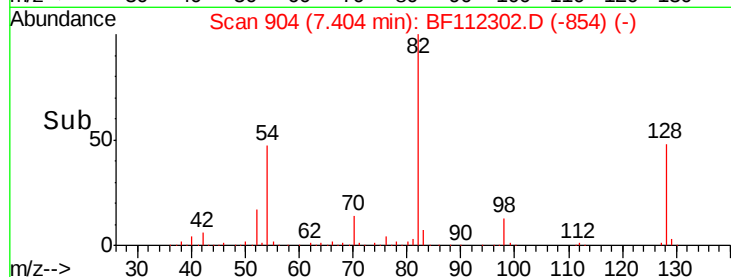
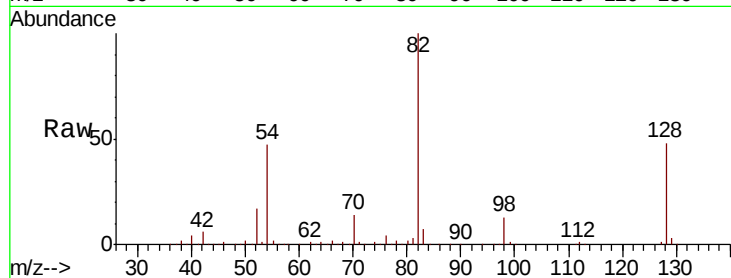




#23
 Nitrobenzene-d5
 Concen: 87.121 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112302.D
 Acq: 29 Jan 2019 18:29

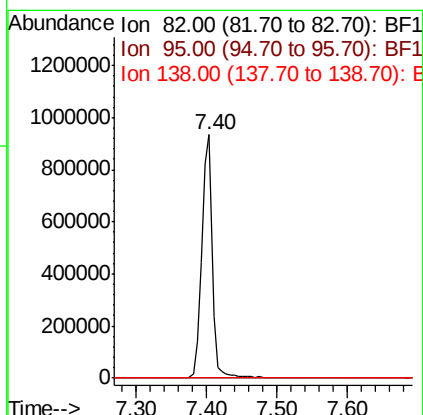
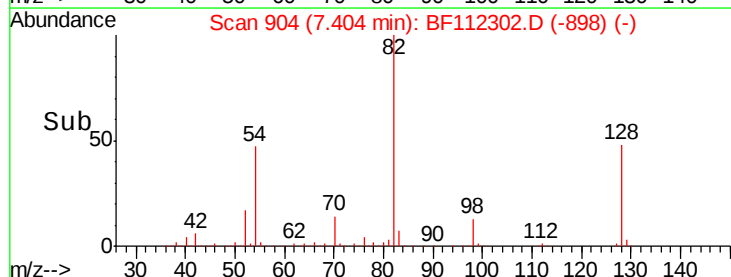
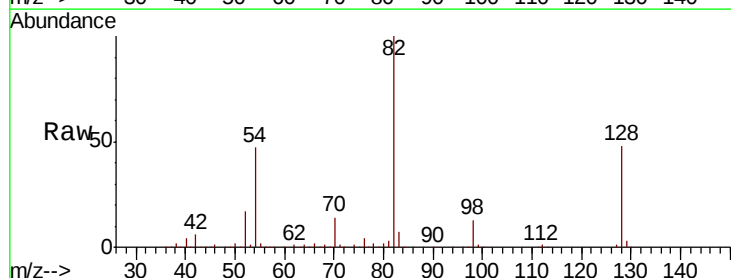
Instrument :
 BNA_F
 ClientSampleId :
 012519-TIPC-F-D-S

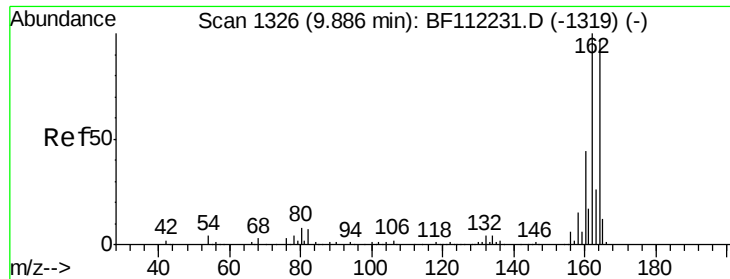
Tgt Ion: 82 Resp: 981770
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.8 56.8
 54 46.6 39.7 59.5



#25
 Isophorone
 Concen: 55.140 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.26 min
 Lab File: BF112302.D
 Acq: 29 Jan 2019 18:29

Tgt Ion: 82 Resp: 974797
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#

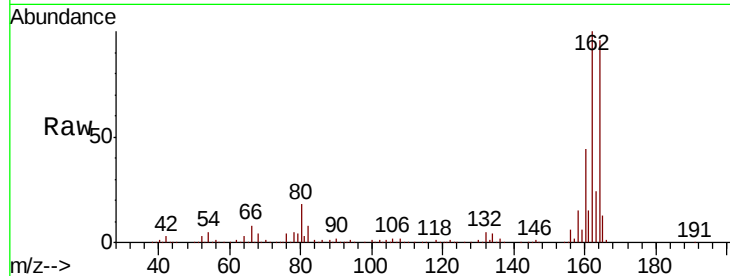




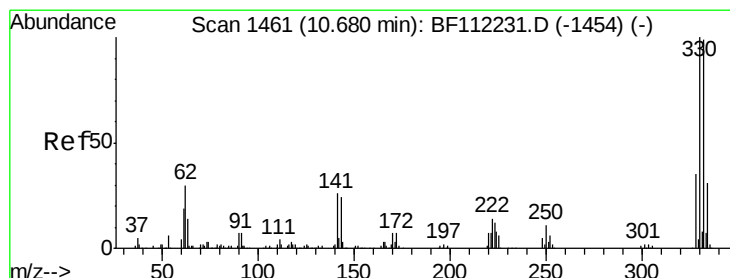
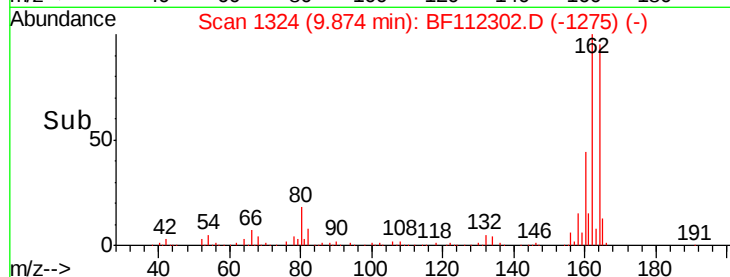
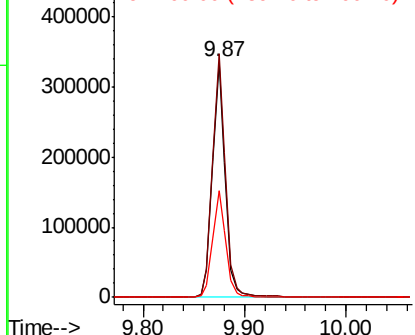
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

Tgt Ion:164 Resp: 296342
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.4
160 45.4 36.2 54.4

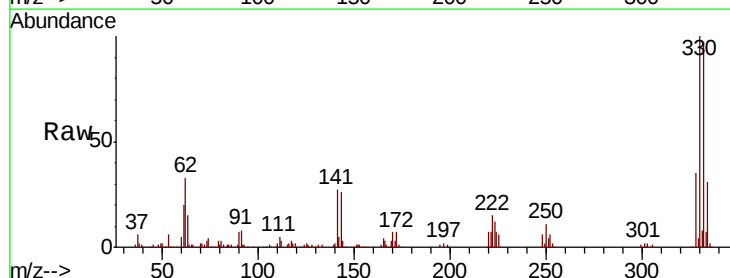


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

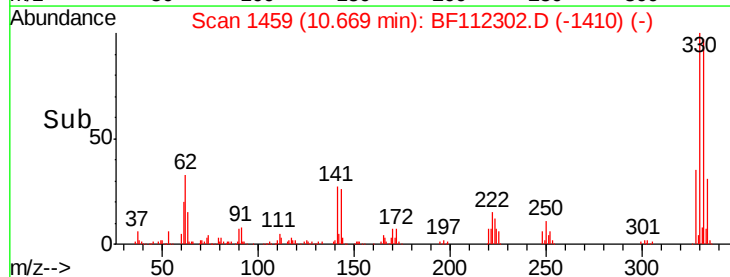
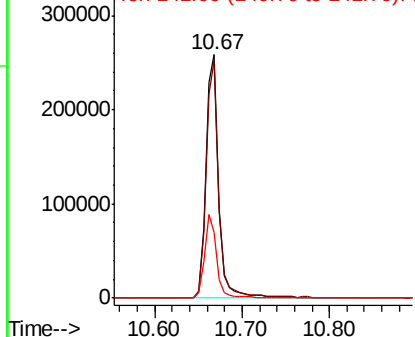


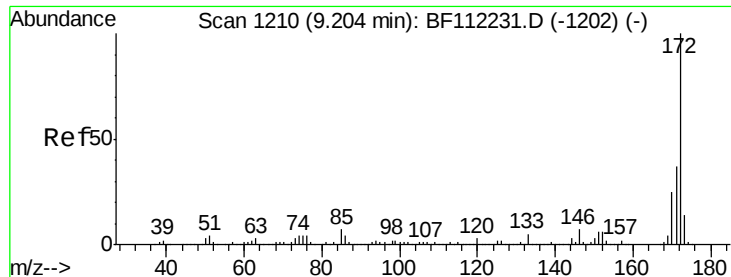
#42
2,4,6-Tribromophenol
Concen: 76.190 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:330 Resp: 262804
Ion Ratio Lower Upper
330 100
332 95.3 76.6 114.8
141 32.8 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

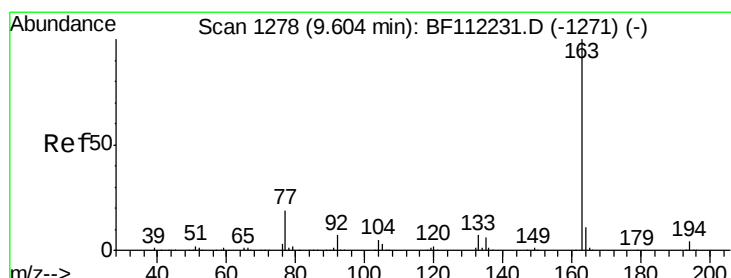
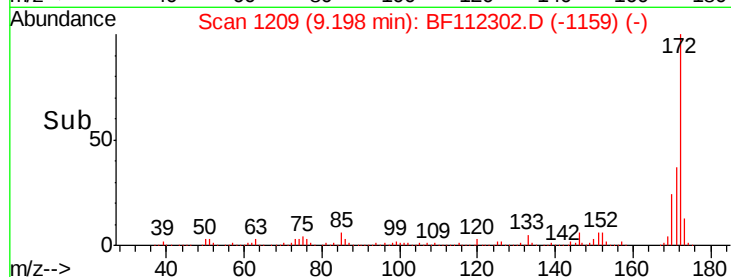
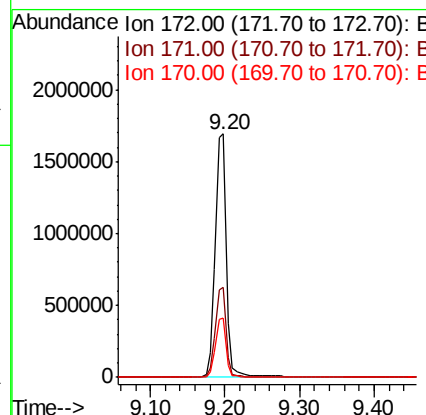
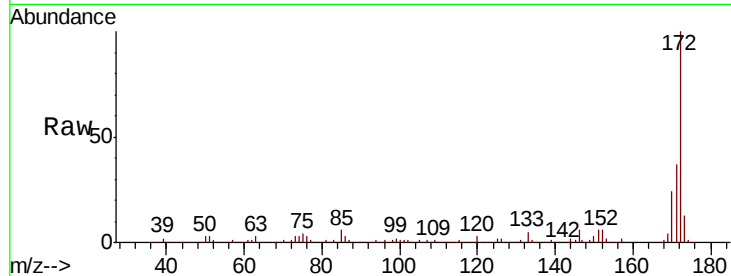




#45
2-Fluorobiphenyl
Concen: 83.673 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

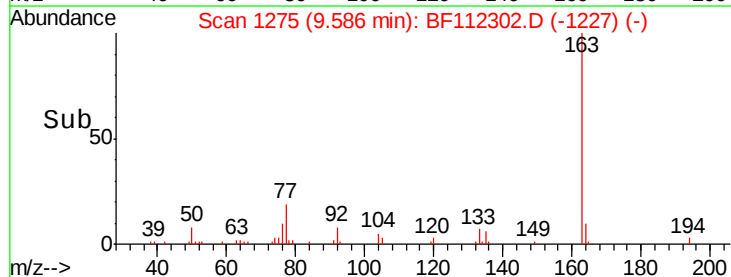
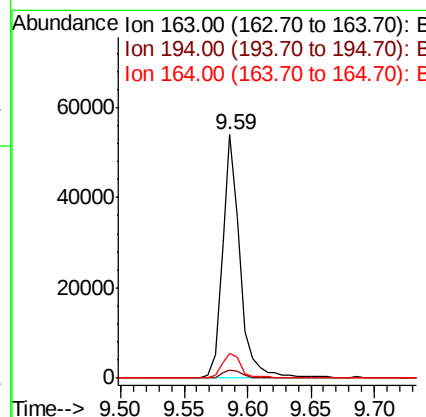
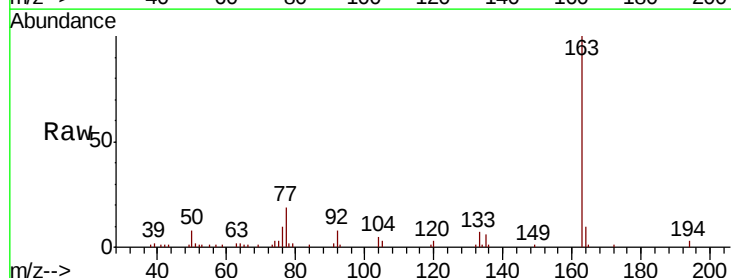
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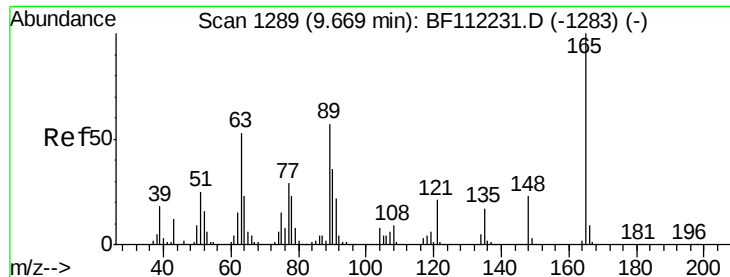
Tgt Ion:172 Resp: 1753167
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.1 20.2 30.4



#50
Dimethylphthalate
Concen: 2.277 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:163 Resp: 52420
Ion Ratio Lower Upper
163 100
194 3.1 3.3 4.9#
164 10.3 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 7.363 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

Instrument :

BNA_F

ClientSampleId :

012519-TIPC-F-D-S

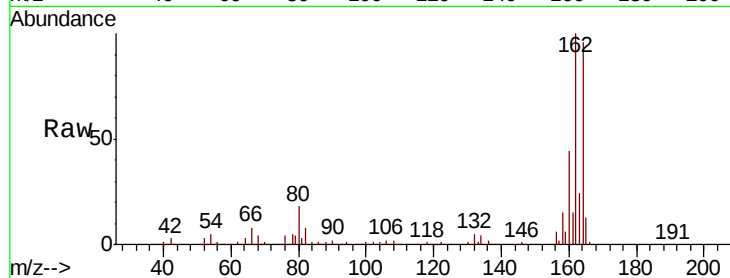
Tgt Ion:165 Resp: 37969

Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.8#

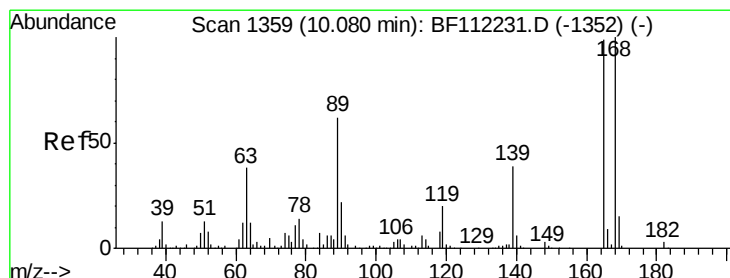
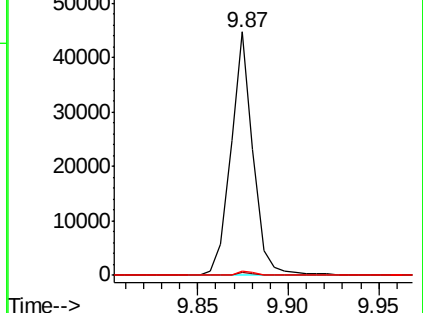
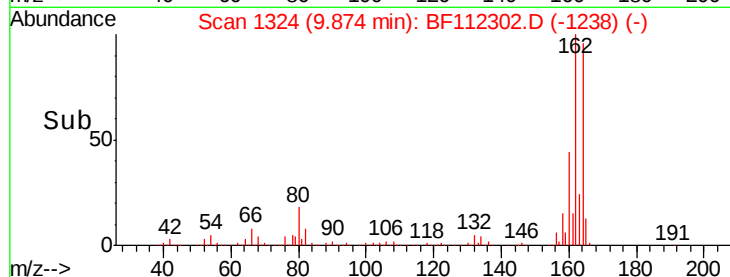
89 1.8 36.9 55.3#



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: 5.784 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112302.D

Acq: 29 Jan 2019 18:29

Tgt Ion:165 Resp: 37970

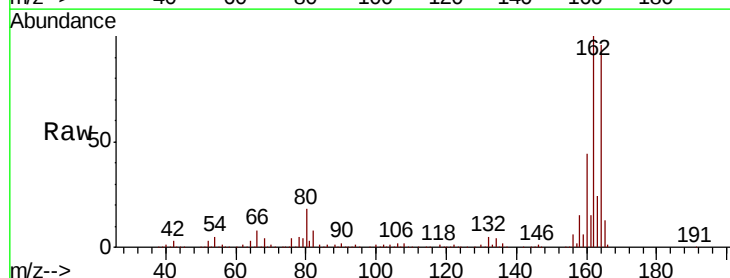
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 1.8 47.9 71.9#

182 0.0 2.2 3.4#

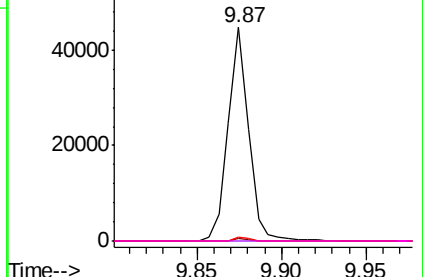
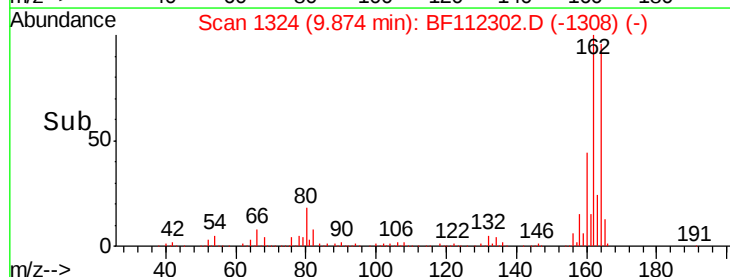


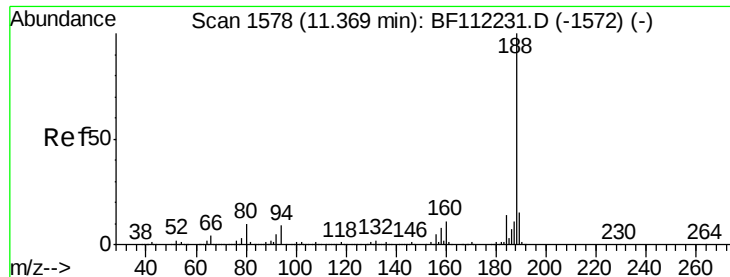
Abundance Ion 165.00 (164.70 to 165.70): E

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

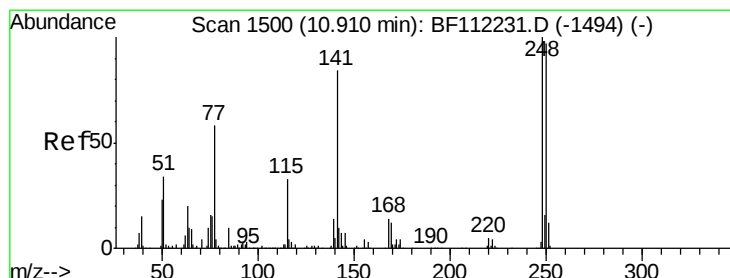
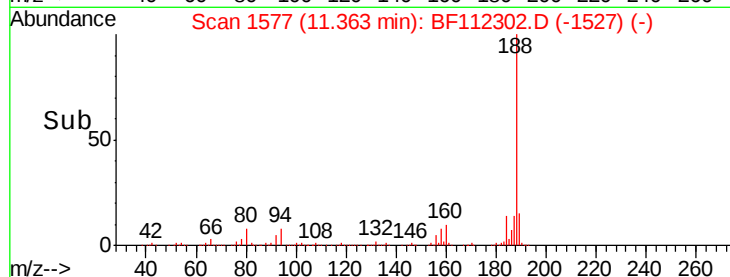
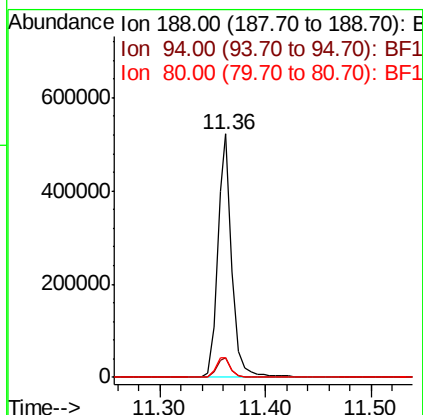
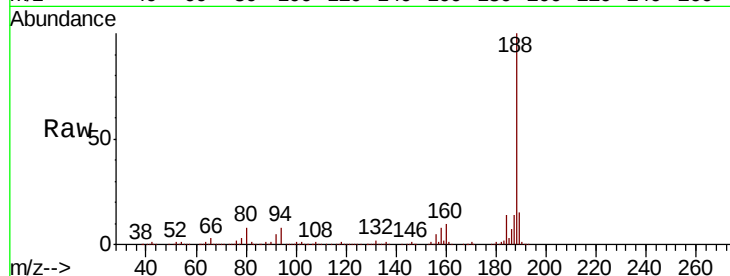




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

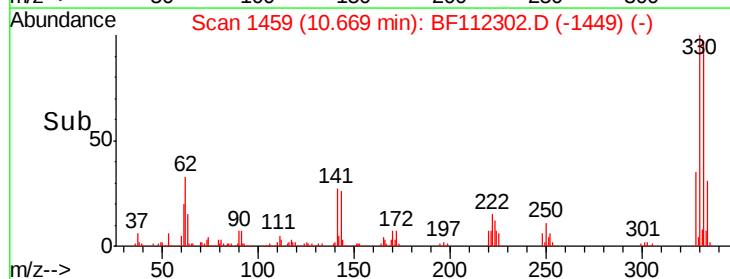
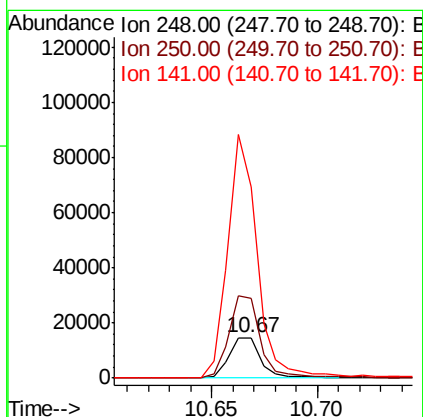
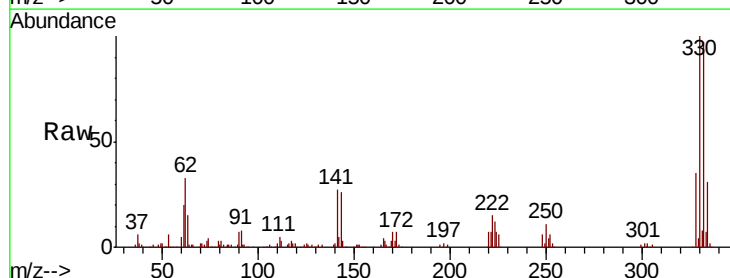
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

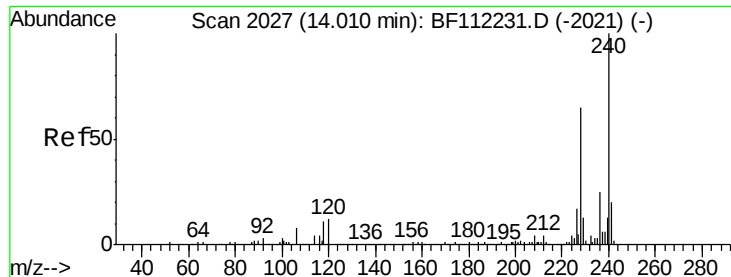
Tgt Ion:188 Resp: 491088
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 8.2 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 2.648 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:248 Resp: 15297
Ion Ratio Lower Upper
248 100
250 195.5 79.7 119.5#
141 469.1 60.3 90.5#

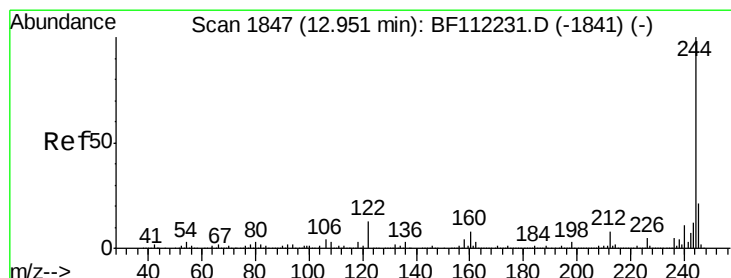
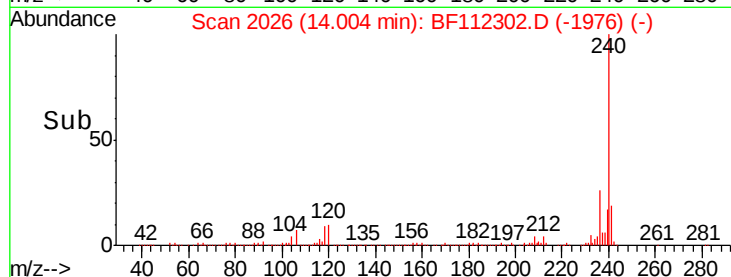
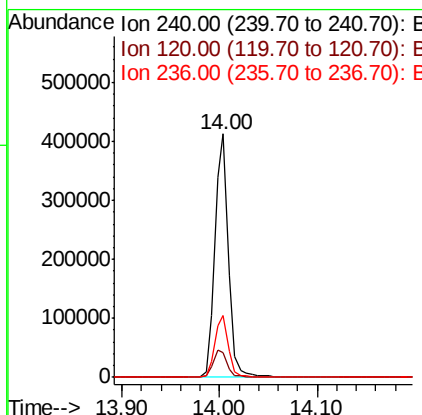
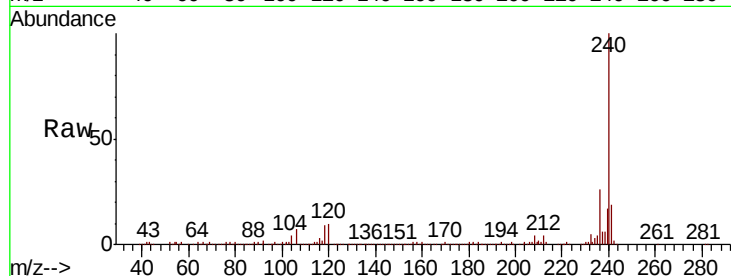




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

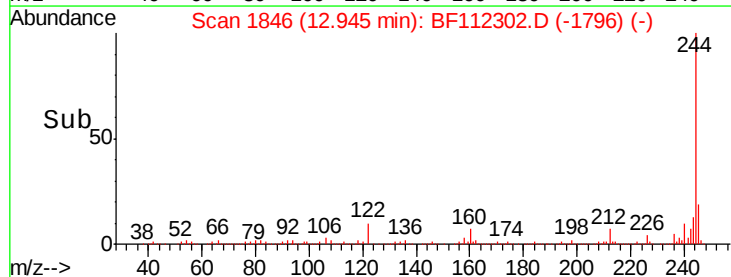
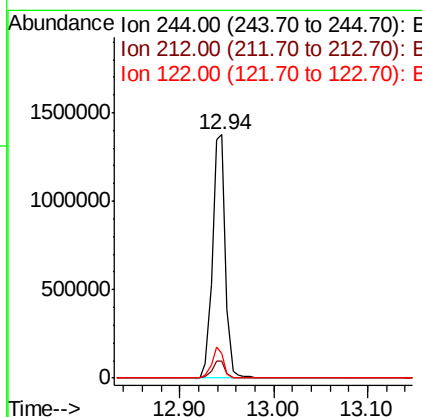
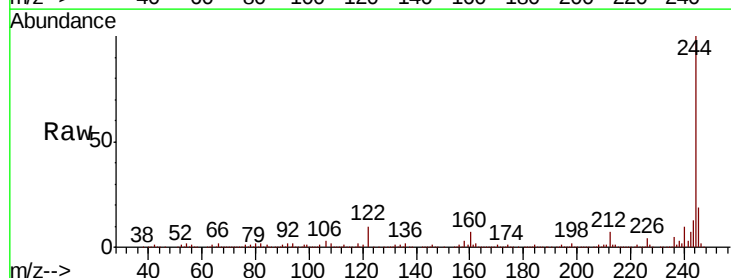
Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

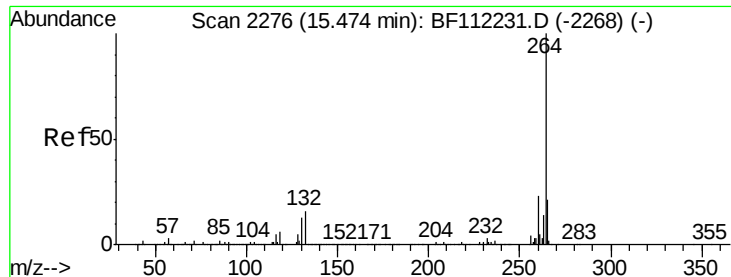
Tgt Ion:240 Resp: 395818
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 64.451 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Tgt Ion:244 Resp: 1354485
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 10.1 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112302.D
Acq: 29 Jan 2019 18:29

Instrument :
BNA_F
ClientSampleId :
012519-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.3	17.0	25.4

