

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112364.D
 Acq On : 1 Feb 2019 21:04
 Operator : JU/SJ
 Sample : K1290-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-M

Quant Time: Feb 01 23:22:31 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

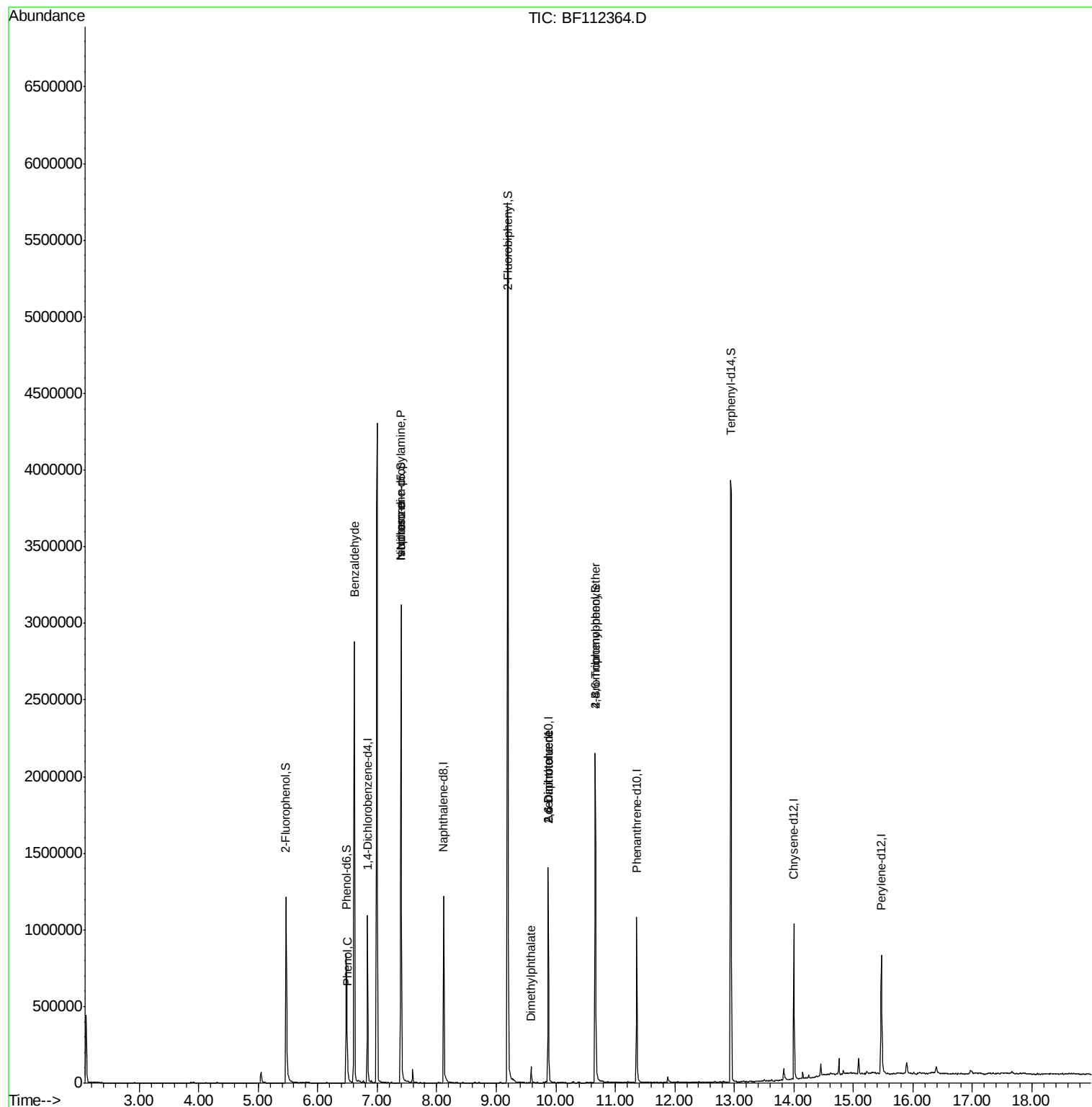
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	180353	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	654572	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	292900	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	465659	20.00	ng	0.00
76) Chrysene-d12	14.00	240	374373	20.00	ng	0.00
87) Perylene-d12	15.47	264	362426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410051	48.29	ng	-0.01
7) Phenol-d6	6.48	99	313233	26.55	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1074778	94.61	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	289865	85.02	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2081614	100.52	ng	0.00
79) Terphenyl-d14	12.95	244	1461514	73.53	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	17967	2.913	ng	# 82
10) Phenol	6.50	94	40727	3.146	ng	# 74
19) n-Nitroso-di-n-propylamine	7.40	70	148322	18.231	ng	# 75
25) Isophorone	7.40	82	1071825	60.141	ng	# 64
50) Dimethylphthalate	9.59	163	51528	2.264	ng	98
51) 2,6-Dinitrotoluene	9.87	165	37111	7.281	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37111	5.720	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	17180	3.137	ng	# 1

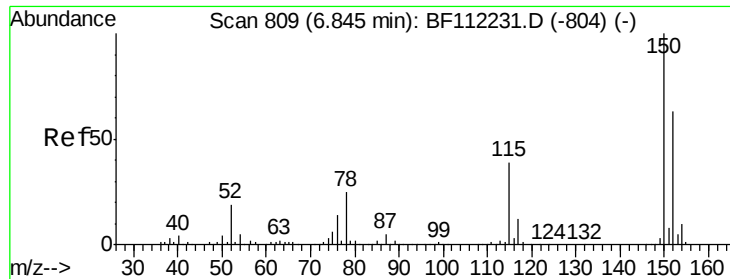
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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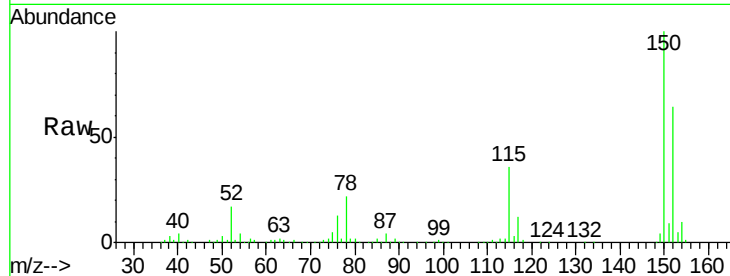


#1

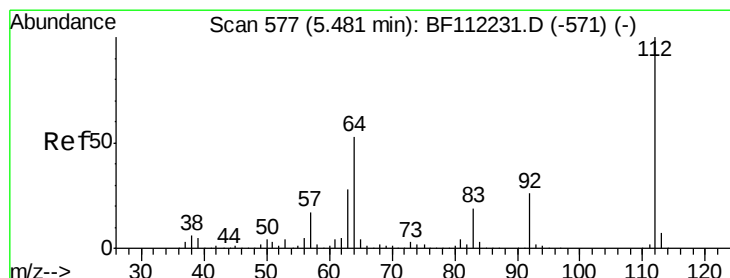
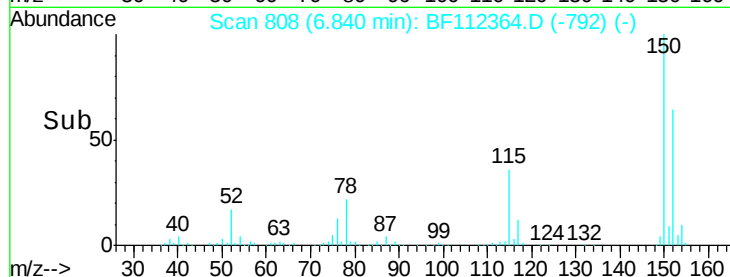
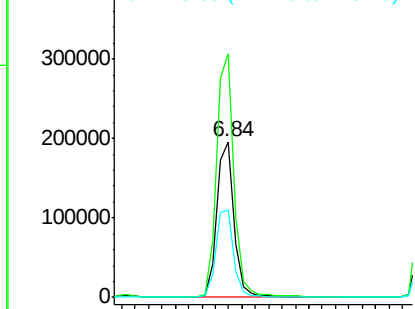
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-M

Tgt Ion:152 Resp: 180353
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 55.9 45.5 68.3



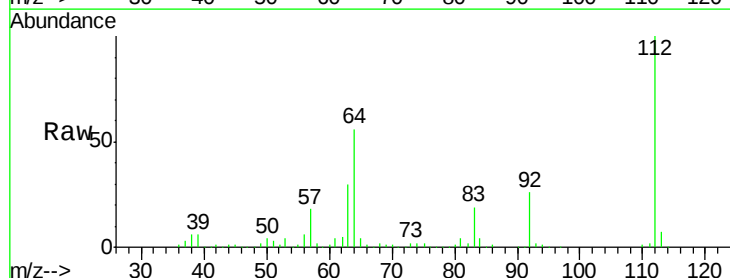
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



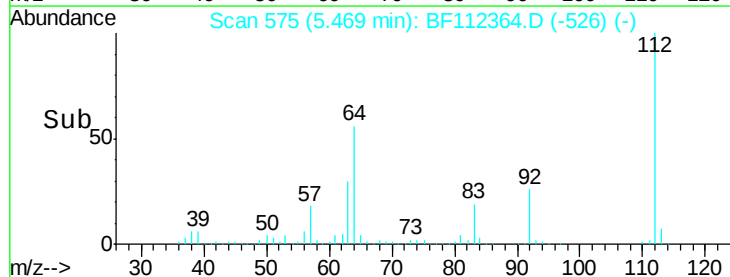
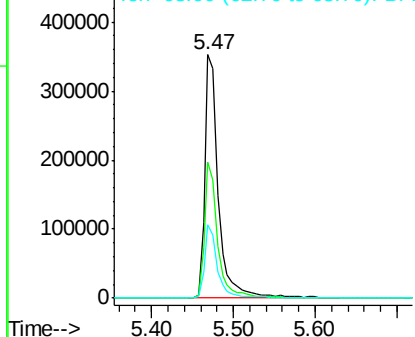
#5

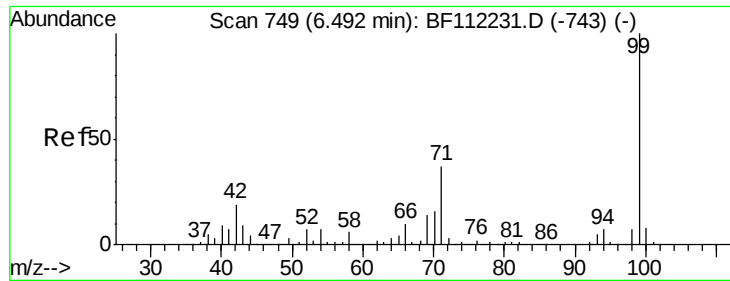
2-Fluorophenol
Concen: 48.293 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion:112 Resp: 410051
Ion Ratio Lower Upper
112 100
64 55.7 45.7 68.5
63 30.2 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: 26.548 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

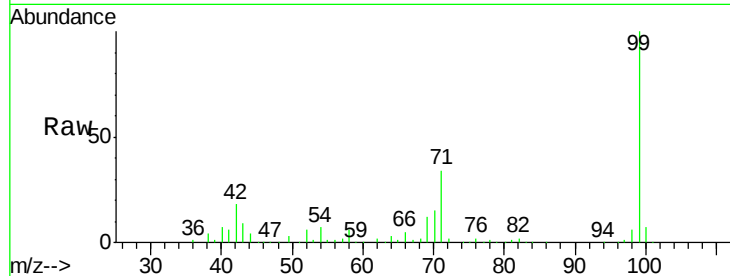
Tgt Ion: 99 Resp: 313233

Ion Ratio Lower Upper

99 100

42 17.9 15.1 22.7

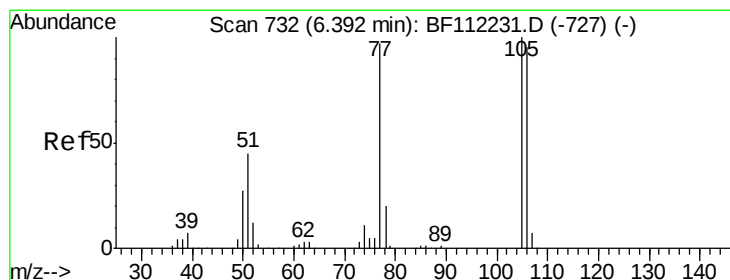
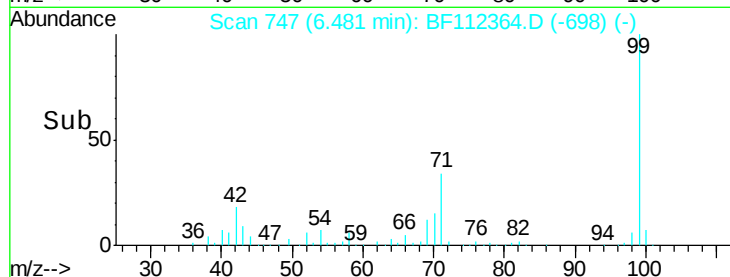
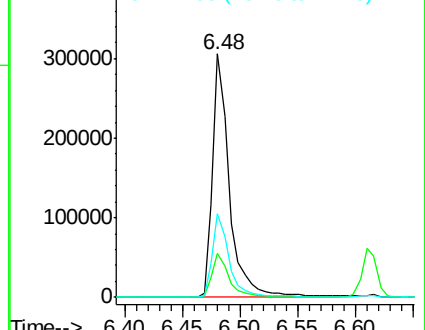
71 34.3 26.9 40.3



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



#9

Benzaldehyde

Concen: 2.913 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.22 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

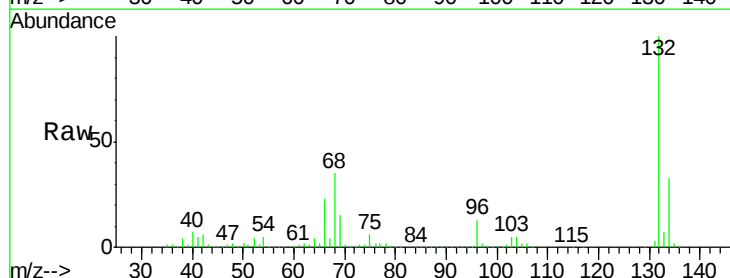
Tgt Ion: 77 Resp: 17967

Ion Ratio Lower Upper

77 100

105 86.4 80.8 120.8

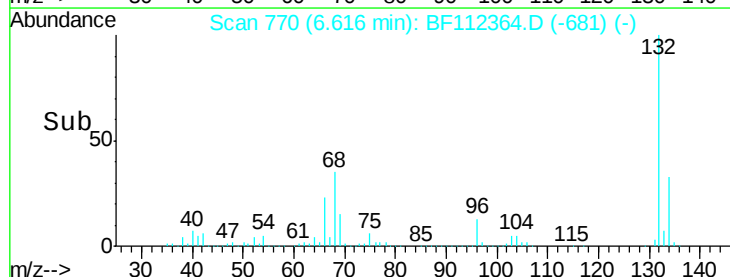
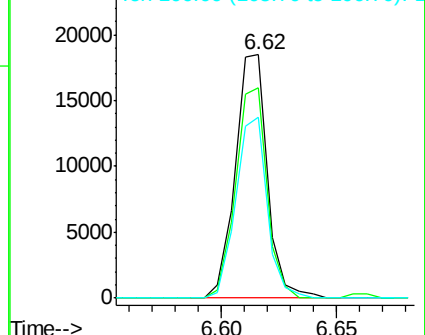
106 74.6 75.7 115.7#

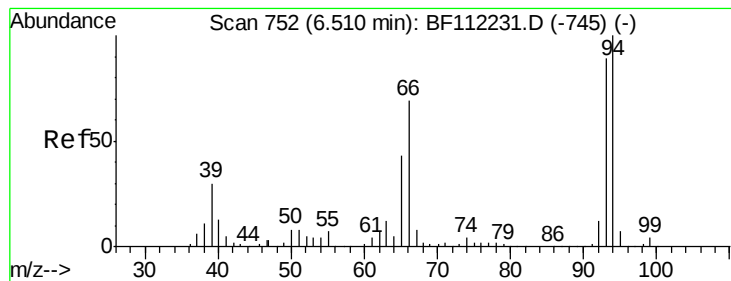


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 3.146 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Instrument :

BNA_F

ClientSampleId :

012919-SIDI-E-D-M

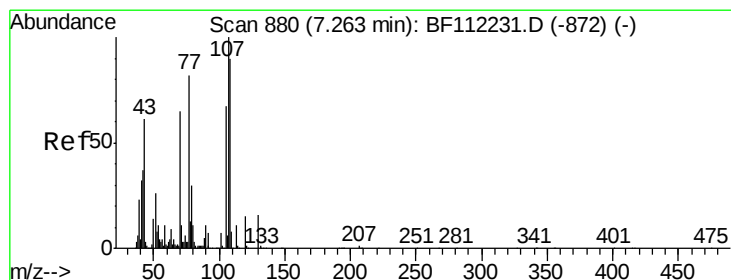
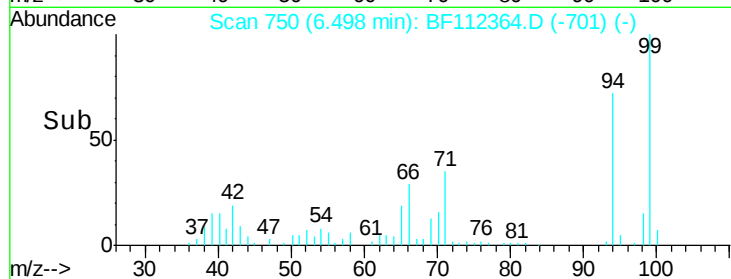
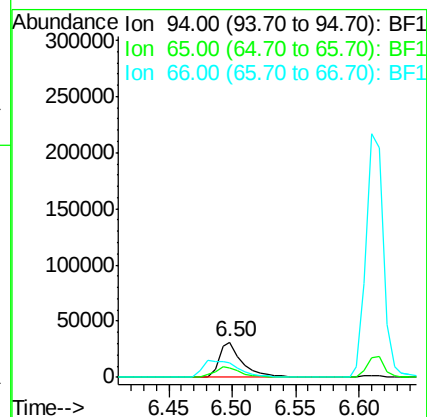
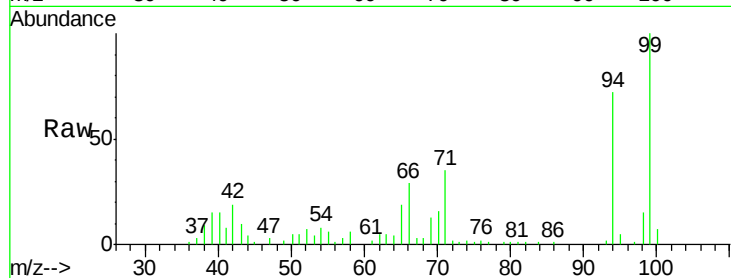
Tgt Ion: 94 Resp: 40727

Ion Ratio Lower Upper

94 100

65 26.7 20.3 60.3

66 39.7 42.4 82.4#



#19

n-Nitroso-di-n-propylamine

Concen: 18.231 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

Tgt Ion: 70 Resp: 148322

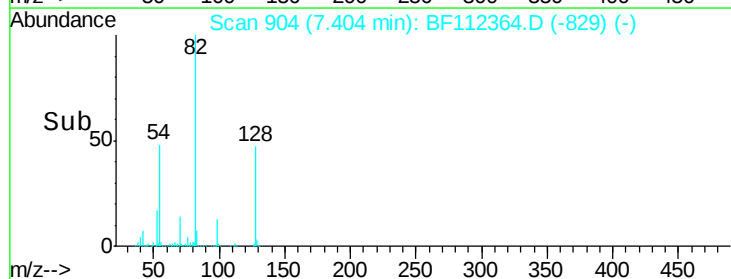
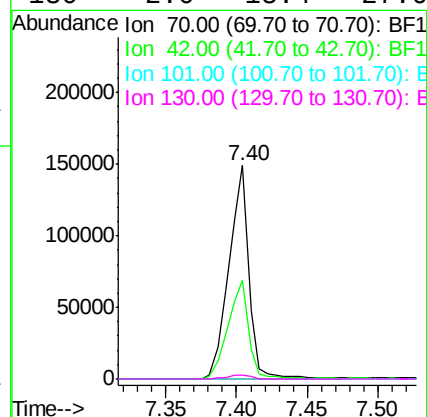
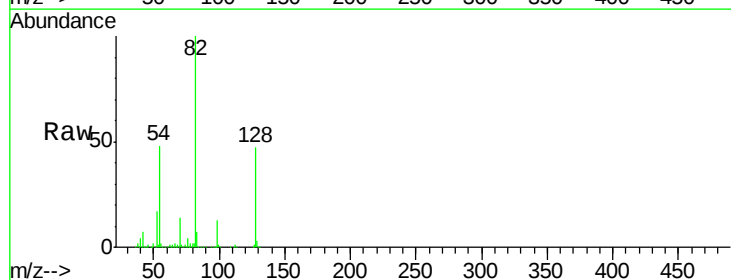
Ion Ratio Lower Upper

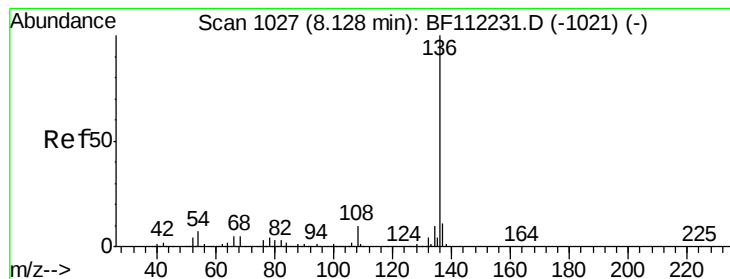
70 100

42 46.2 47.6 71.4#

101 0.0 7.9 11.9#

130 2.0 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: BF112364.D

Acq: 1 Feb 2019 21:04

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012919-SIDI-E-D-M

Tgt Ion:136 Resp: 654572

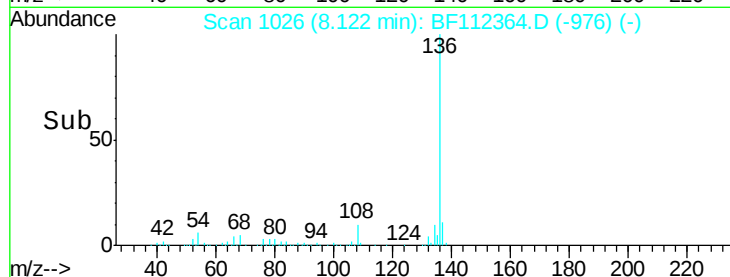
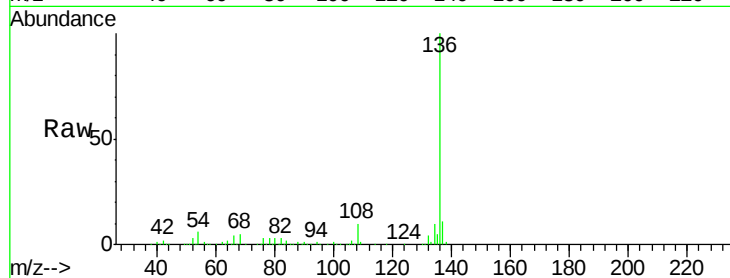
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.7 5.9 8.9#

68 4.6 5.1 7.7#

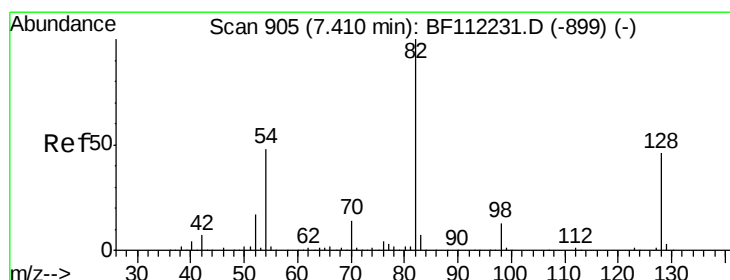
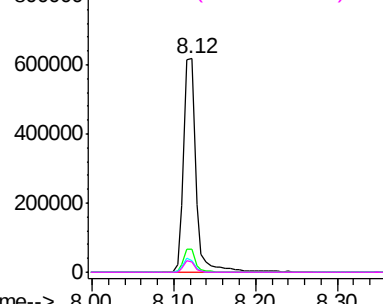


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.609 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112364.D

Acq: 1 Feb 2019 21:04

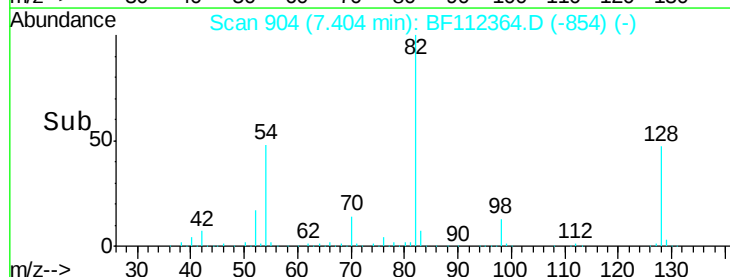
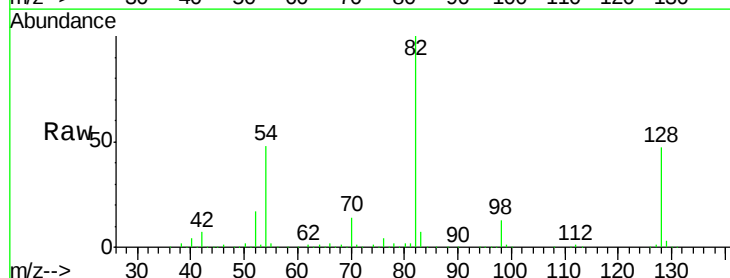
Tgt Ion: 82 Resp: 1074778

Ion Ratio Lower Upper

82 100

128 47.5 37.8 56.8

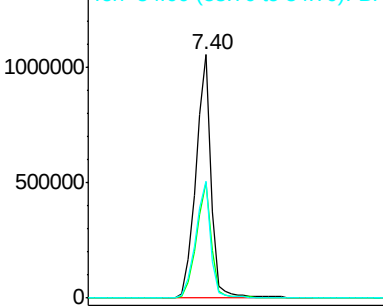
54 48.0 39.7 59.5

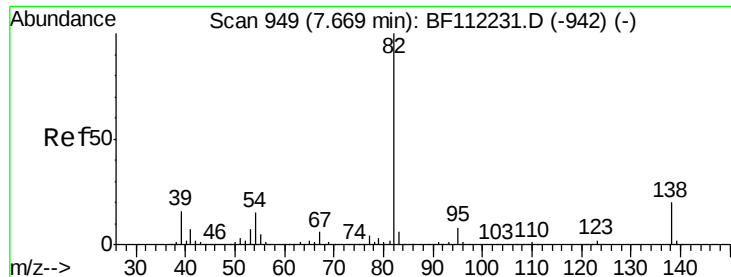


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

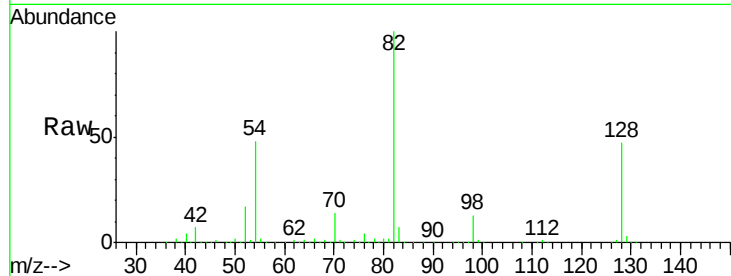




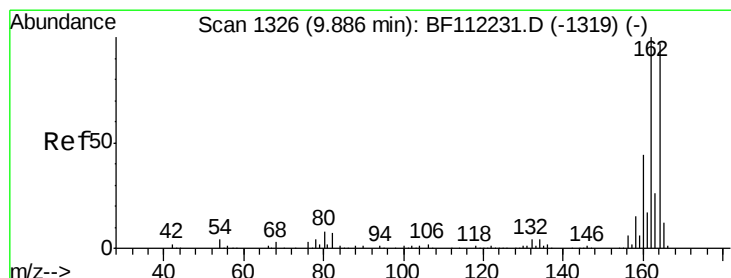
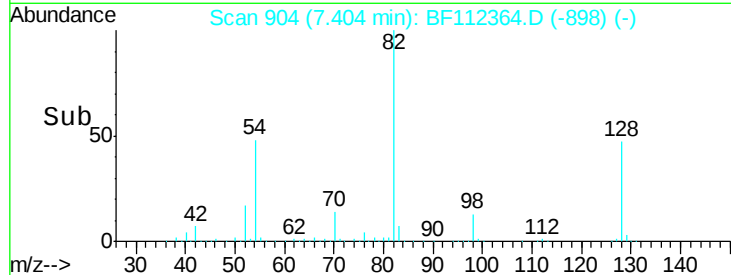
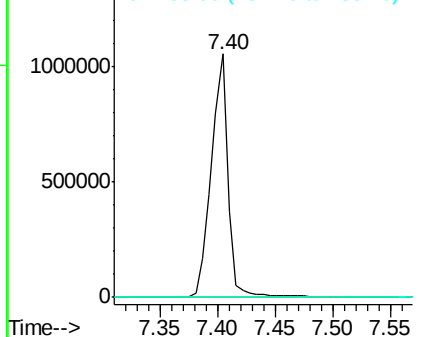
#25
Isophorone
Concen: 60.141 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF112364.D
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Tgt Ion: 82 Resp: 1071825
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#

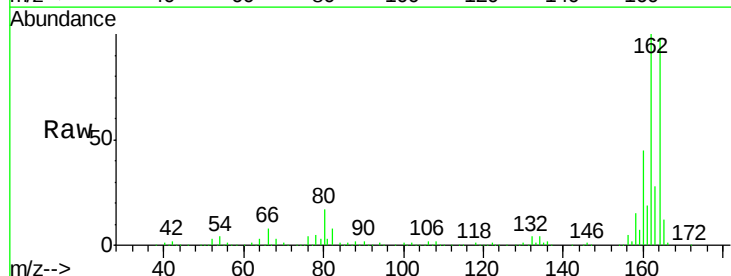


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

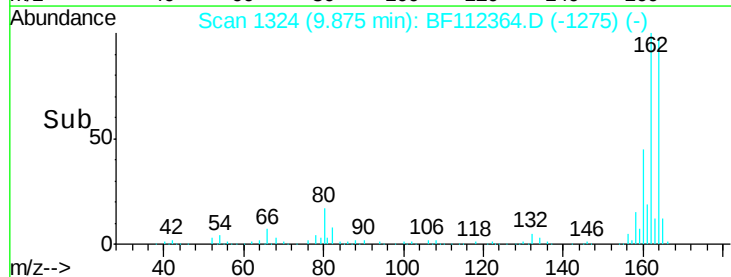
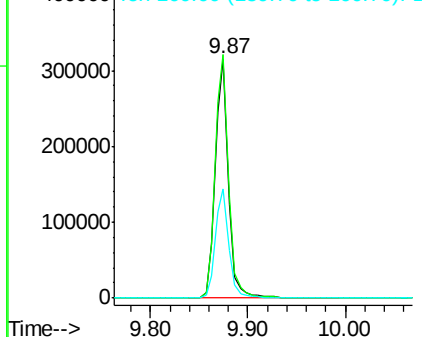


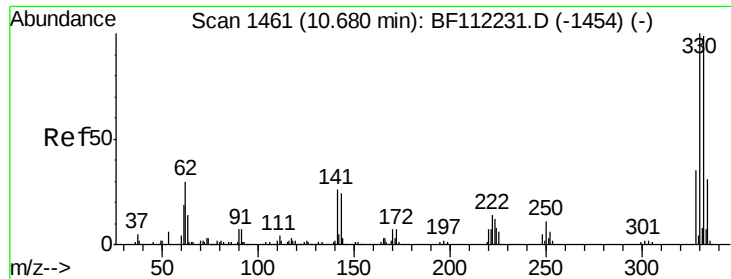
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion: 164 Resp: 292900
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.4
160 45.8 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

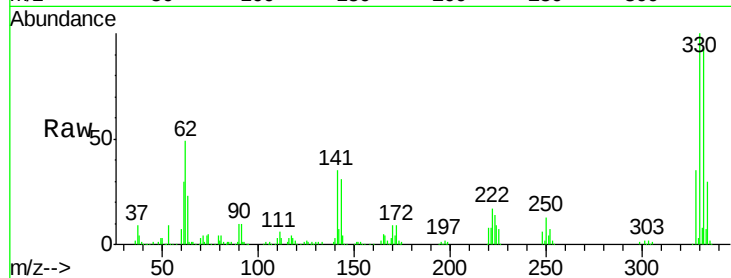




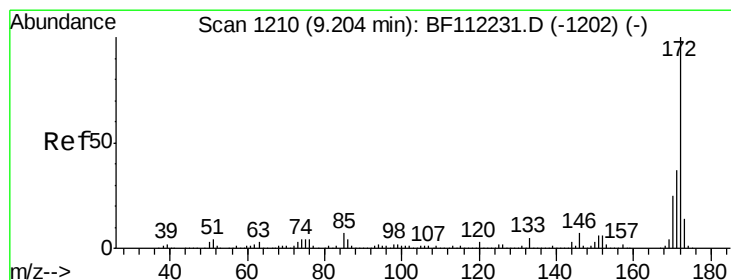
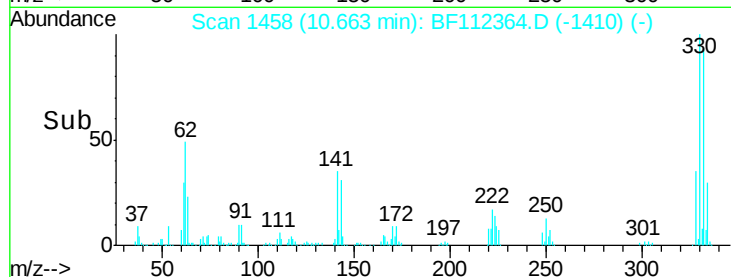
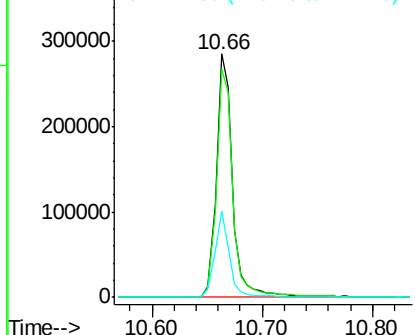
#42
 2,4,6-Tribromophenol
 Concen: 85.022 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112364.D
 Acq: 1 Feb 2019 21:04

Instrument :
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 012919-SIDI-E-D-M

Tgt Ion:330 Resp: 289865
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 32.0 24.3 36.5

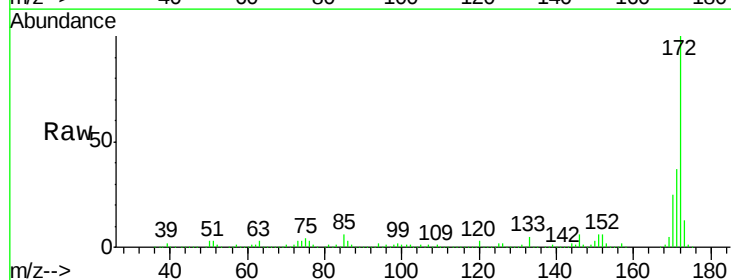


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

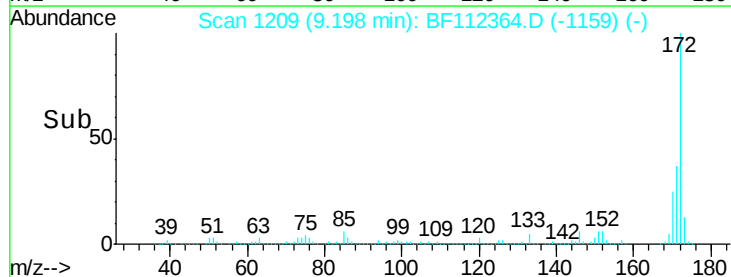
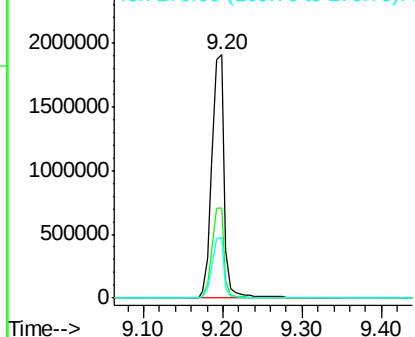


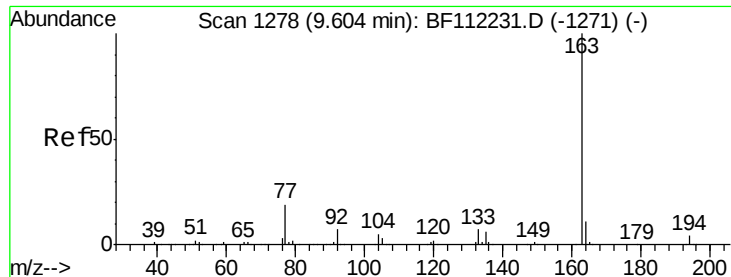
#45
 2-Fluorobiphenyl
 Concen: 100.516 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112364.D
 Acq: 1 Feb 2019 21:04

Tgt Ion:172 Resp: 2081614
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 24.7 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

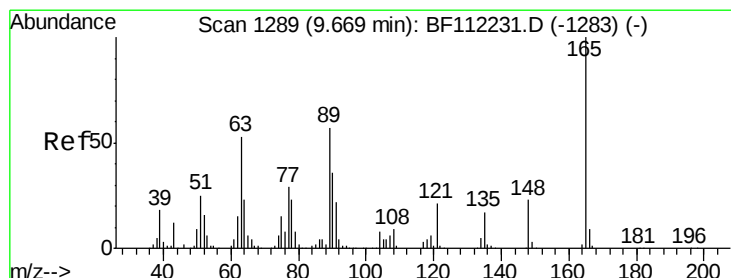
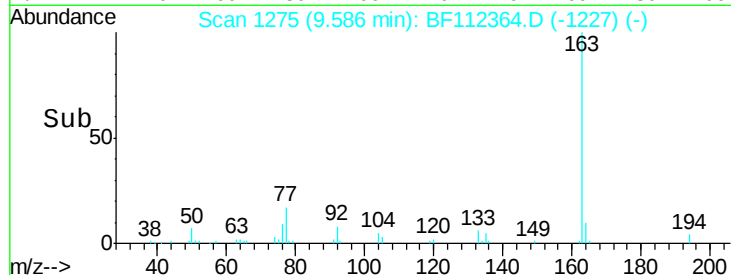
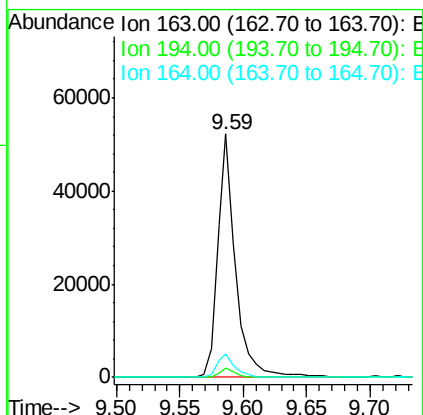
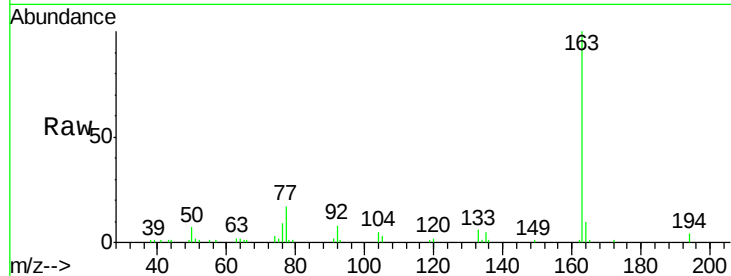




#50
Dimethylphthalate
Concen: 2.264 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

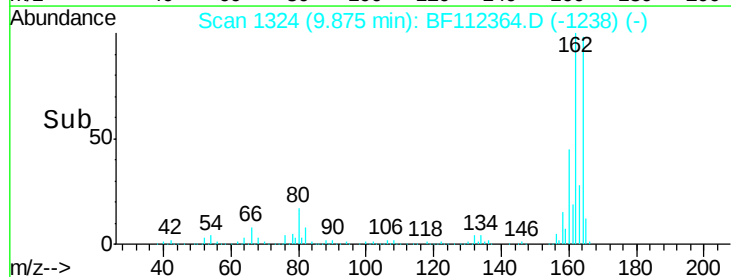
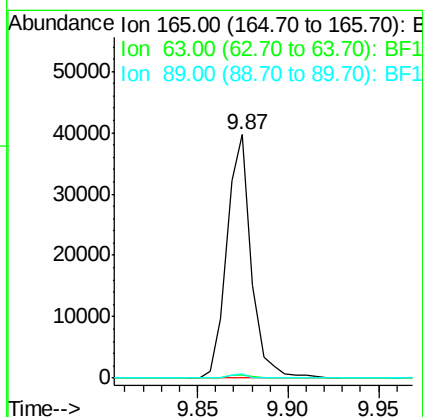
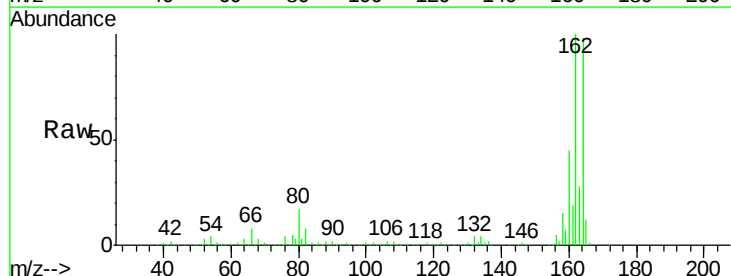
Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-M

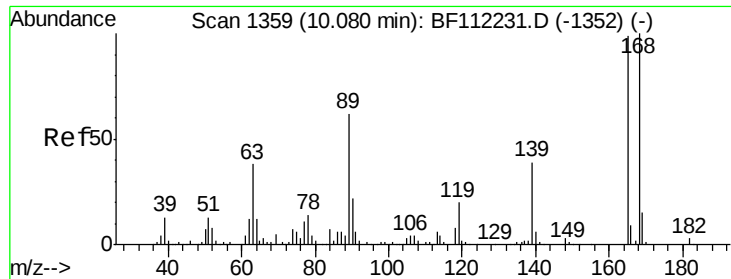
Tgt Ion:163 Resp: 51528
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.6 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 7.281 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.21 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion:165 Resp: 37111
Ion Ratio Lower Upper
165 100
63 1.4 33.8 50.8#
89 1.5 36.9 55.3#

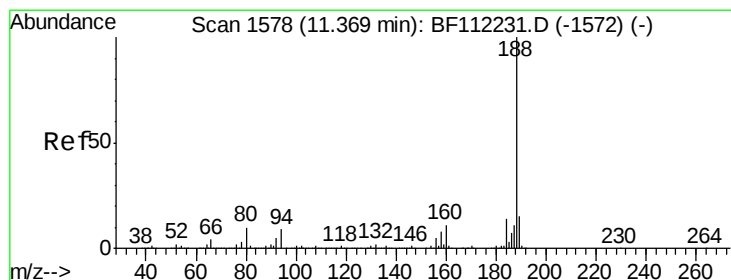
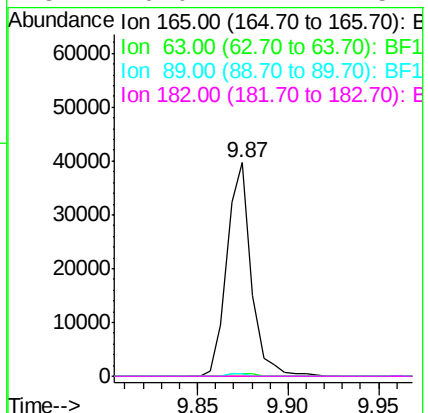
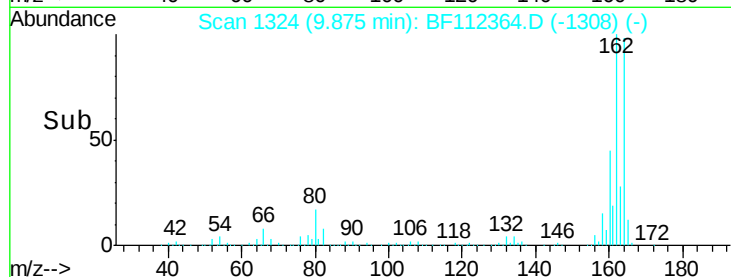
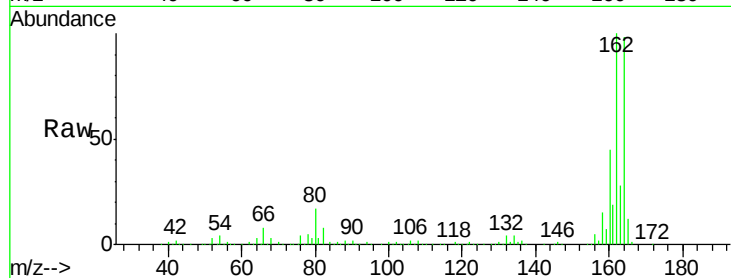




#57
2,4-Dinitrotoluene
Concen: 5.720 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

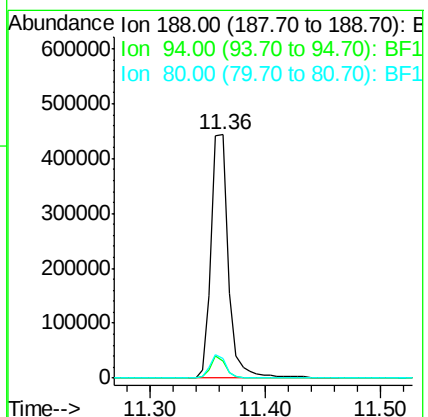
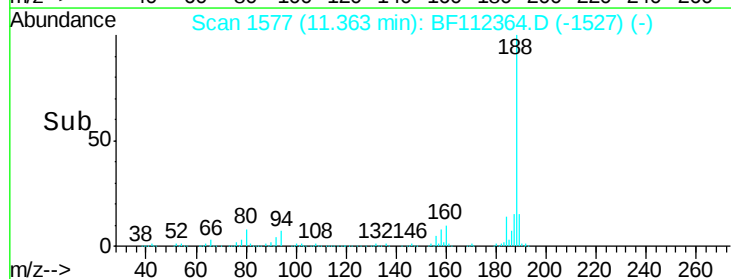
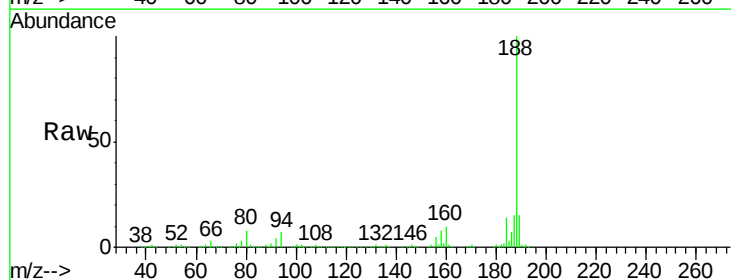
Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-M

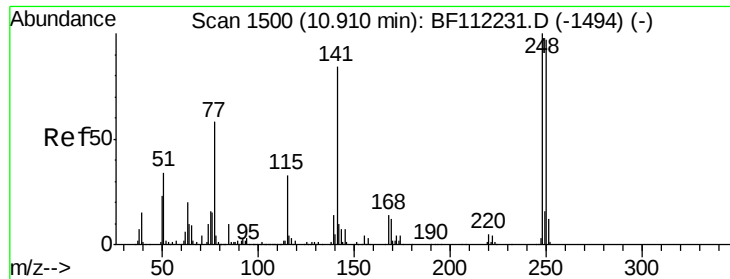
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37111		
63	1.4	27.9	41.9#	
89	1.5	47.9	71.9#	
182	0.0	2.2	3.4#	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	465659		
94	7.1	8.2	12.2#	
80	7.9	8.9	13.3#	

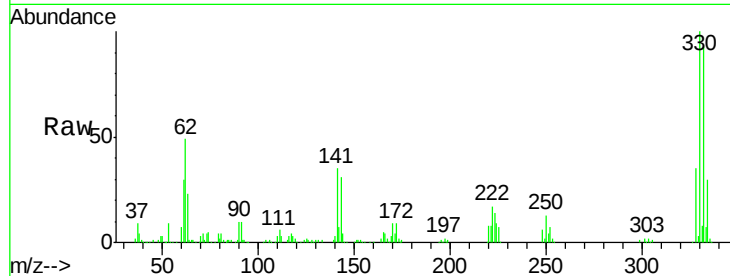




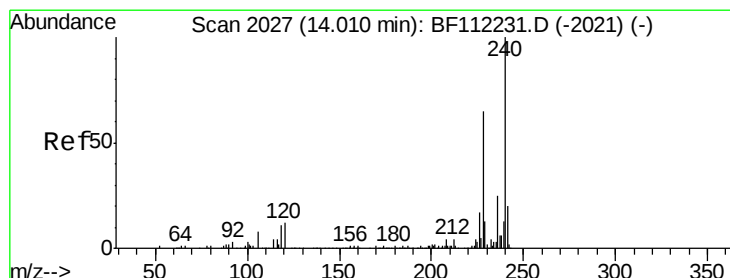
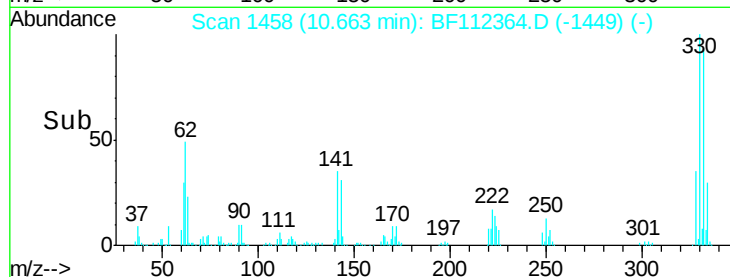
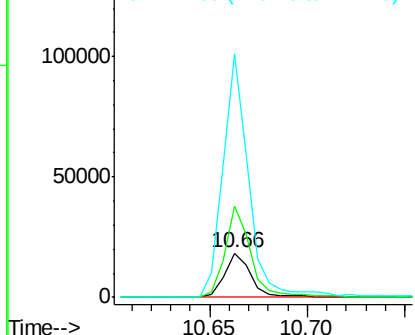
#67
4-Bromophenyl-phenylether
Concen: 3.137 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Instrument :
BNA_F
ClientSampleId :
012919-SIDI-E-D-M

Tgt Ion:248 Resp: 17180
Ion Ratio Lower Upper
248 100
250 205.7 79.7 119.5#
141 550.4 60.3 90.5#

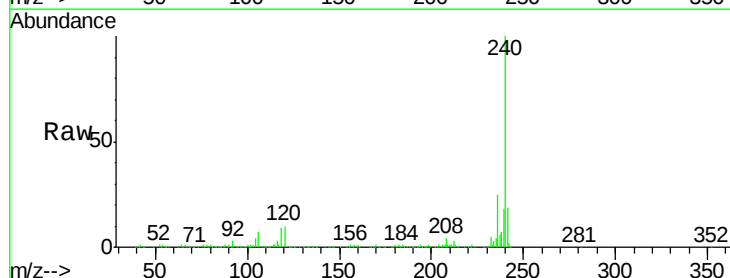


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

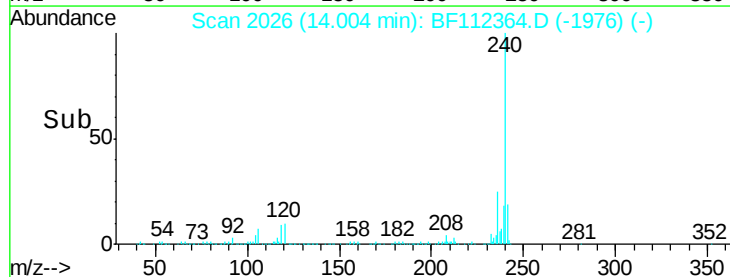
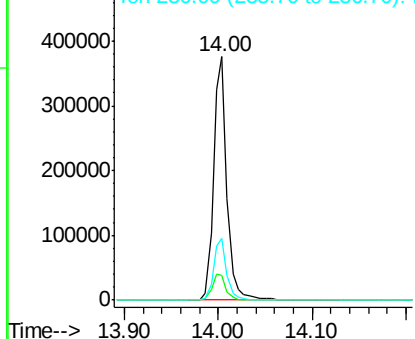


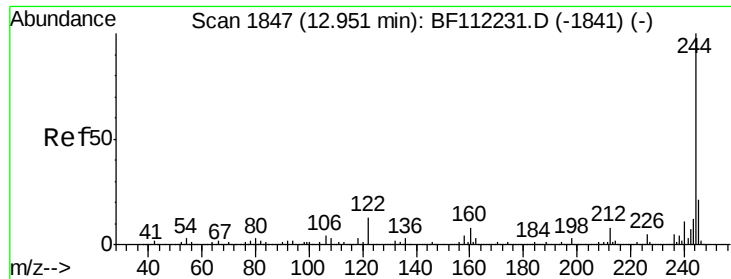
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112364.D
Acq: 1 Feb 2019 21:04

Tgt Ion:240 Resp: 374373
Ion Ratio Lower Upper
240 100
120 10.3 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

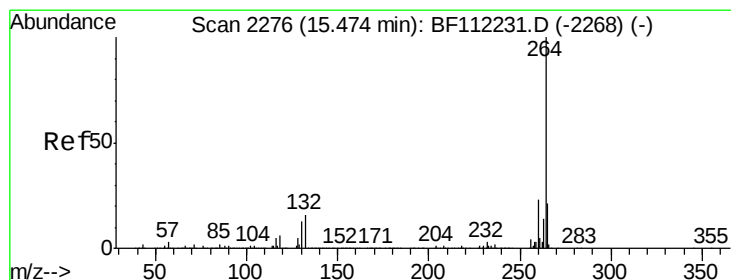
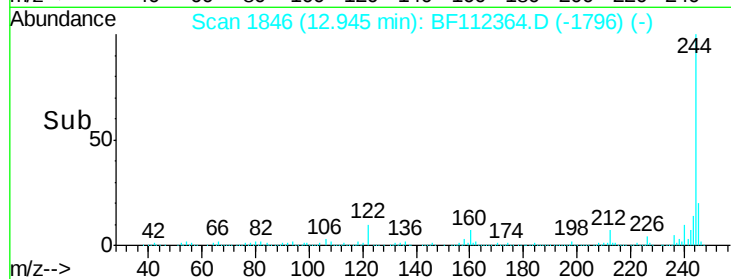
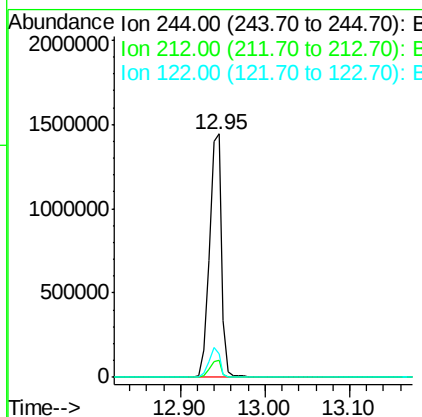
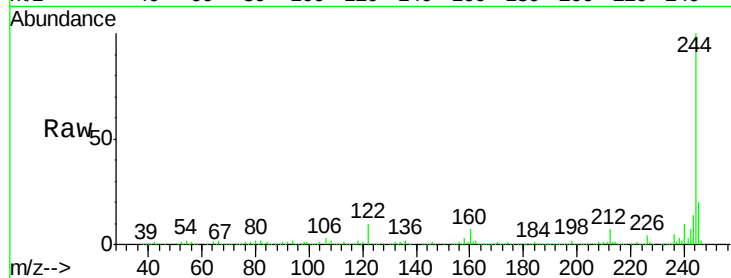




#79
 Terphenyl-d14
 Concen: 73.528 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112364.D
 Acq: 1 Feb 2019 21:04

Instrument :
 BNA_F
 ClientSampleId :
 012919-SIDI-E-D-M

Tgt Ion:244 Resp: 1461514
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.8 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: BF112364.D
 Acq: 1 Feb 2019 21:04

Tgt Ion:264 Resp: 362426
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.3 17.0 25.4

