

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
 Data File : BF112361.D
 Acq On : 1 Feb 2019 19:41
 Operator : JU/SJ
 Sample : K1307-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-B

Quant Time: Feb 01 23:21:53 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

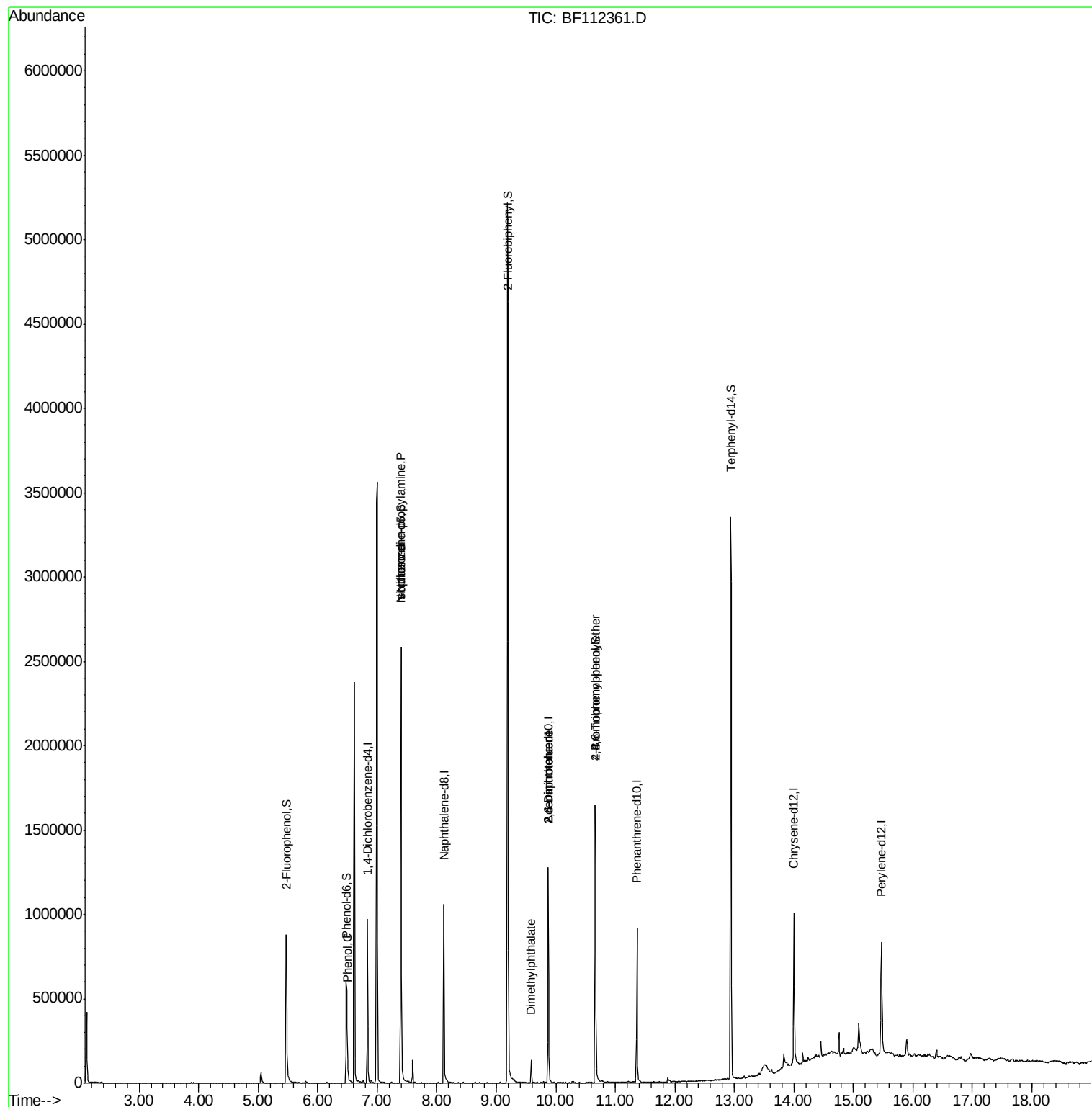
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	162886	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	580883	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	259793	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	383207	20.00	ng	0.00
76) Chrysene-d12	14.00	240	320016	20.00	ng	0.00
87) Perylene-d12	15.47	264	300297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	312966	40.81	ng	0.00
7) Phenol-d6	6.48	99	234767	22.03	ng	-0.01
23) Nitrobenzene-d5	7.40	82	917210	90.98	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	230436	76.20	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1773182	96.53	ng	-0.01
79) Terphenyl-d14	12.94	244	1158800	68.20	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	52501	4.491	ng	79
19) n-Nitroso-di-n-propylamine	7.40	70	123168	16.763	ng	# 76
25) Isophorone	7.40	82	912017	57.666	ng	# 63
50) Dimethylphthalate	9.59	163	63864	3.164	ng	99
51) 2,6-Dinitrotoluene	9.87	165	33180	7.340	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	33180	5.765	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	13253	2.940	ng	# 1

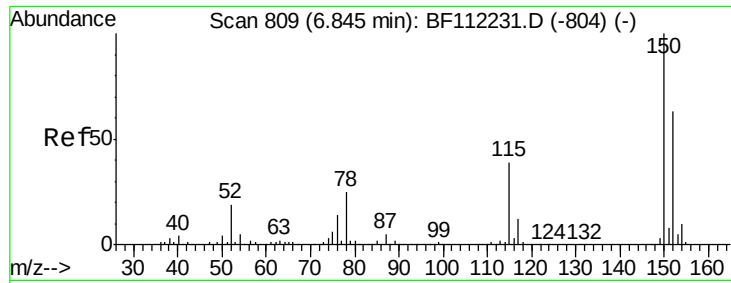
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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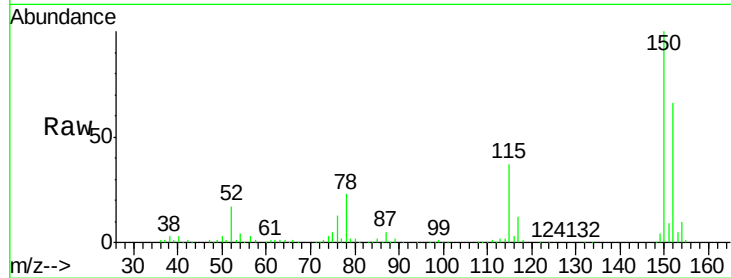


#1

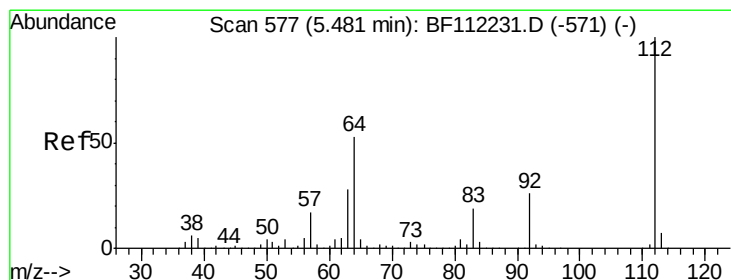
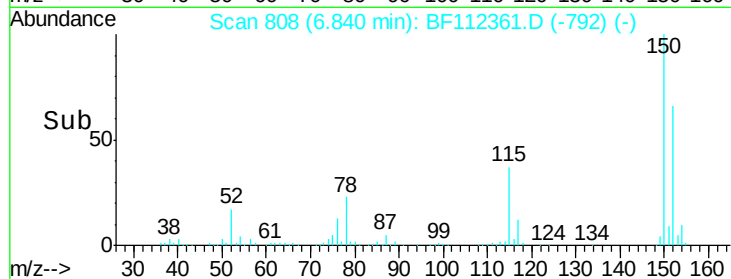
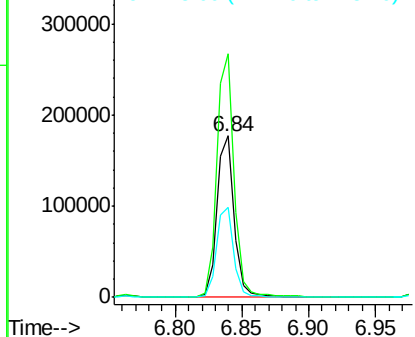
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

Tgt Ion:152 Resp: 162886
Ion Ratio Lower Upper
152 100
150 150.8 127.4 191.0
115 55.7 45.5 68.3



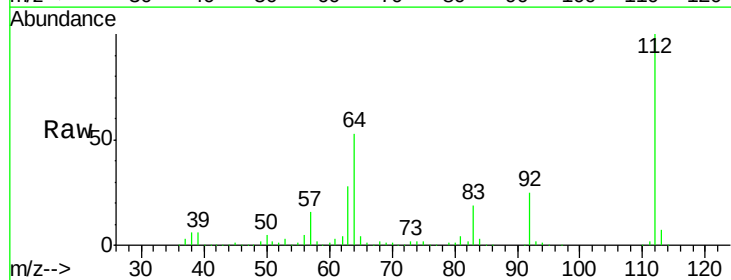
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



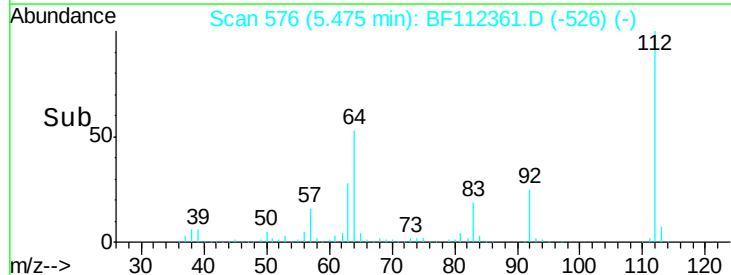
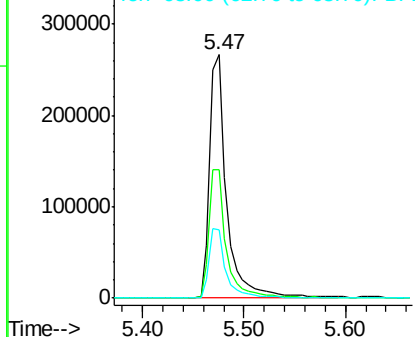
#5

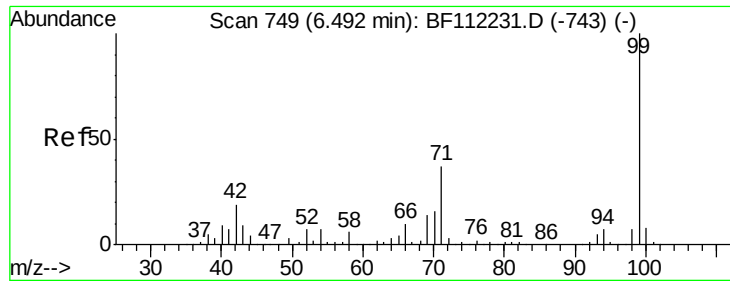
2-Fluorophenol
Concen: 40.811 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:112 Resp: 312966
Ion Ratio Lower Upper
112 100
64 52.9 45.7 68.5
63 27.8 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: 22.032 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-B

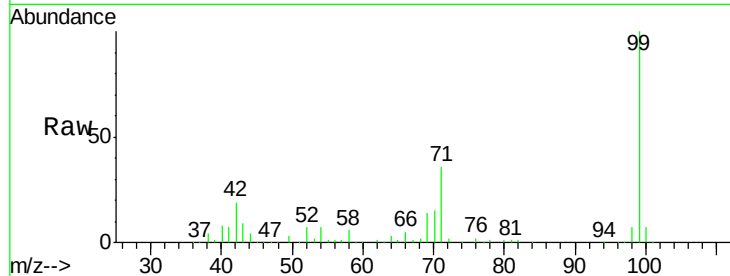
Tgt Ion: 99 Resp: 234767

Ion Ratio Lower Upper

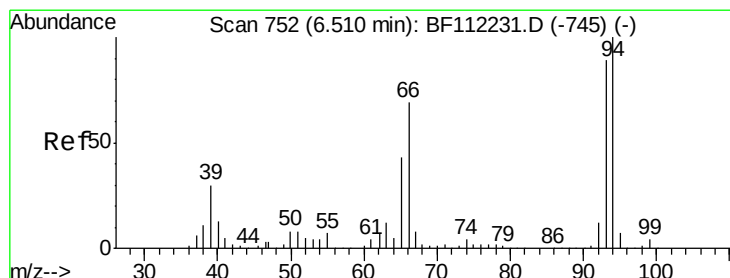
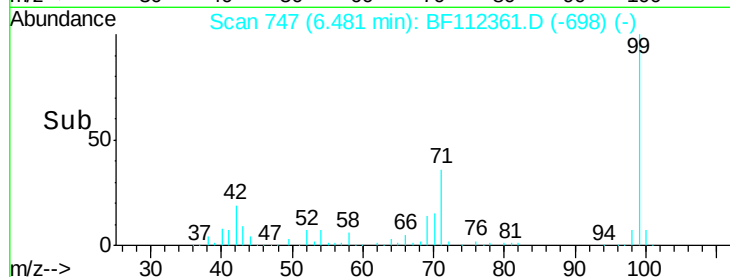
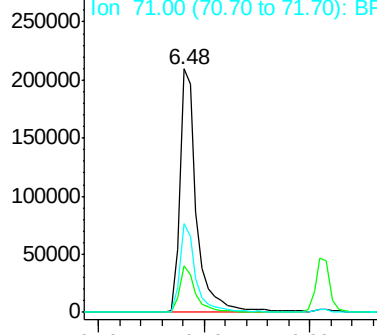
99 100

42 19.0 15.1 22.7

71 36.3 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: 4.491 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

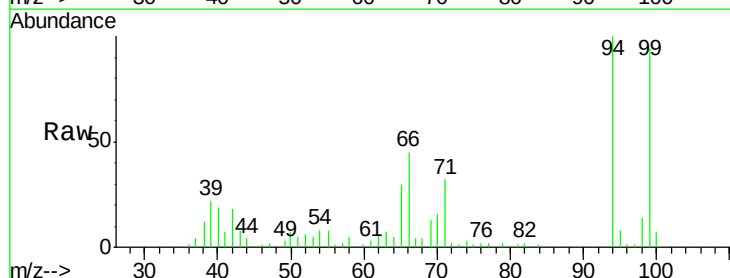
Tgt Ion: 94 Resp: 52501

Ion Ratio Lower Upper

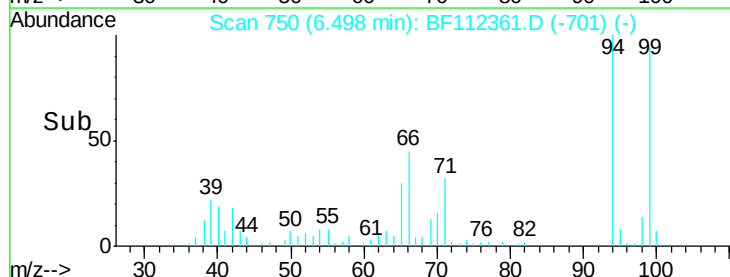
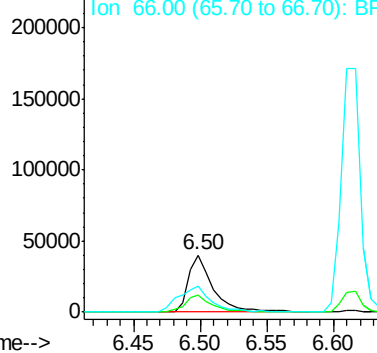
94 100

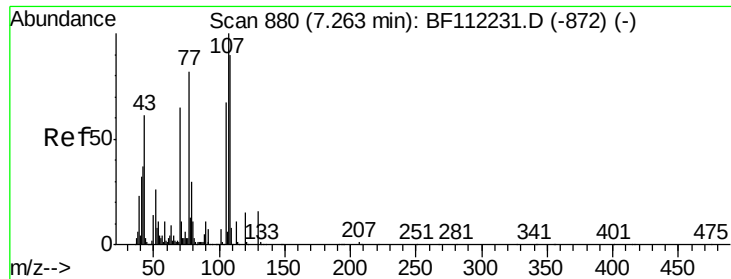
65 29.8 20.3 60.3

66 44.6 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

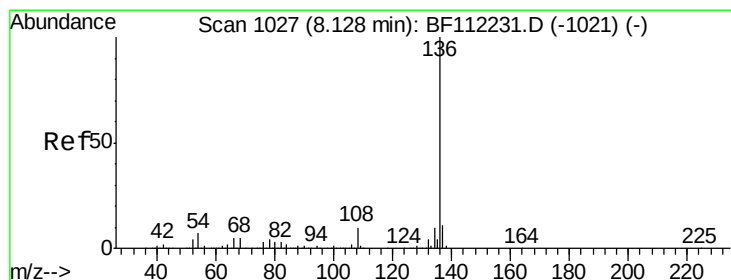
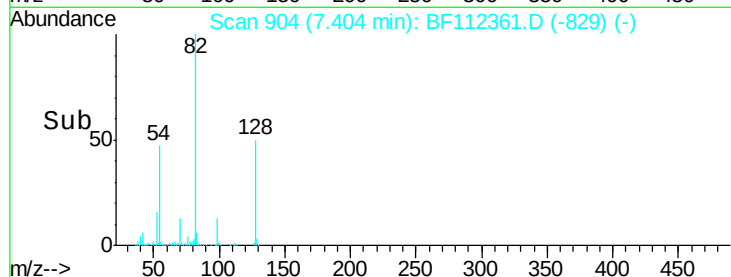
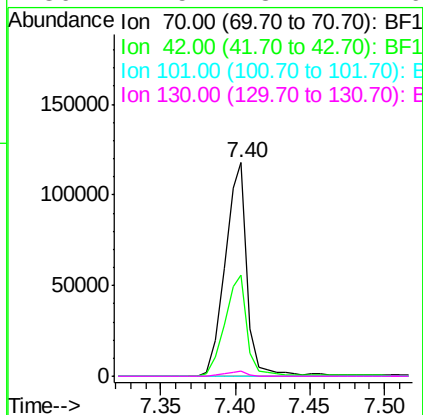
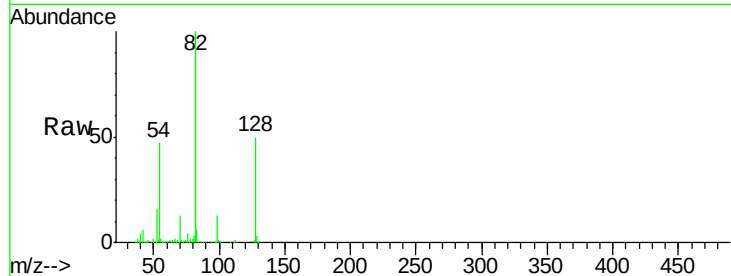




#19
n-Nitroso-di-n-propylamine
Concen: 16.763 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

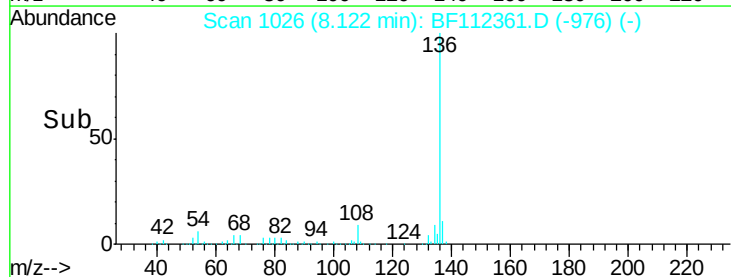
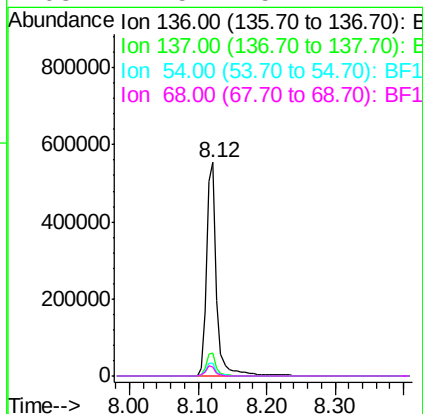
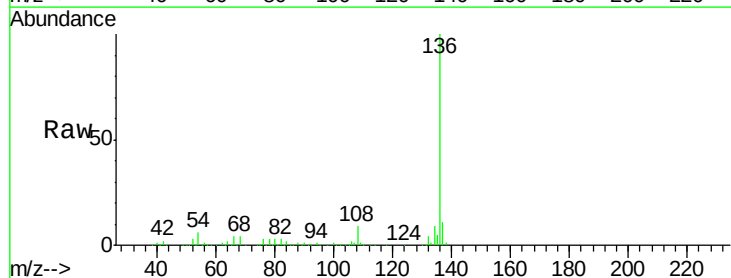
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

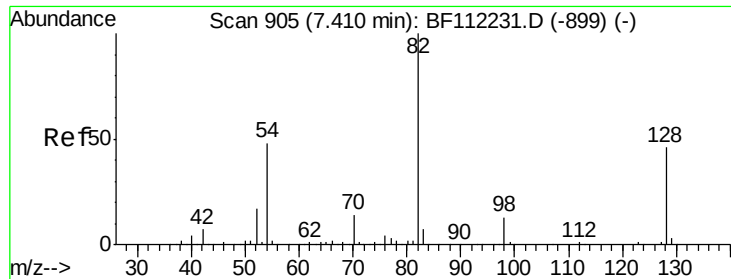
Tgt Ion:	70	Resp:	123168
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.6	71.4#
101	0.0	7.9	11.9#
130	2.5	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:	136	Resp:	580883
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.7	5.9	8.9#
68	4.5	5.1	7.7#

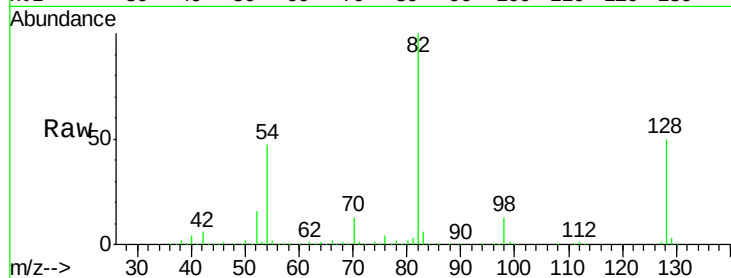




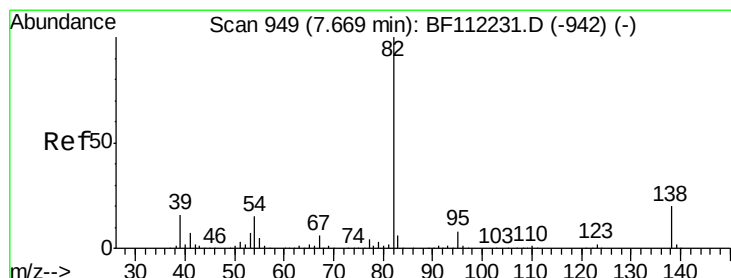
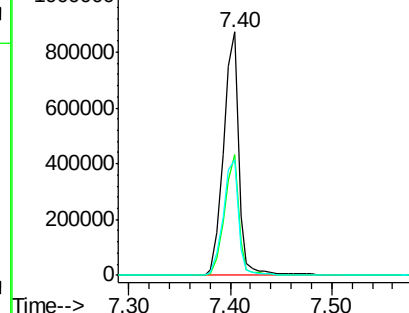
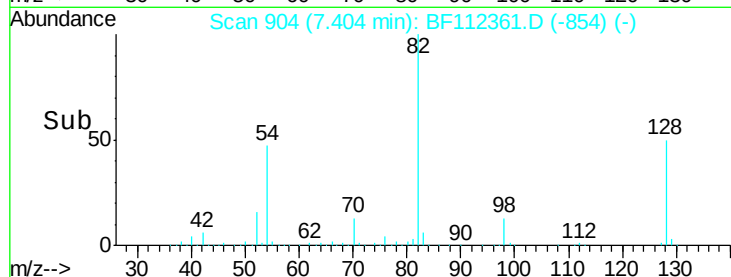
#23
 Nitrobenzene-d5
 Concen: 90.981 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-B

Tgt Ion: 82 Resp: 917210
 Ion Ratio Lower Upper
 82 100
 128 49.6 37.8 56.8
 54 47.3 39.7 59.5

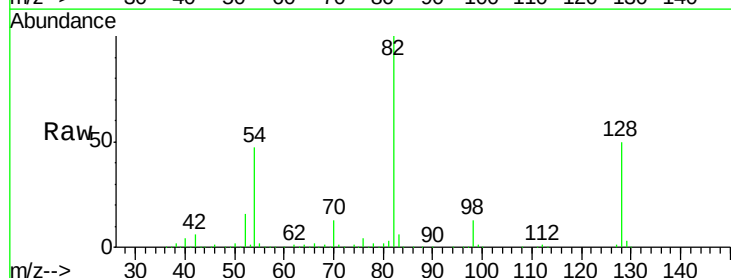


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

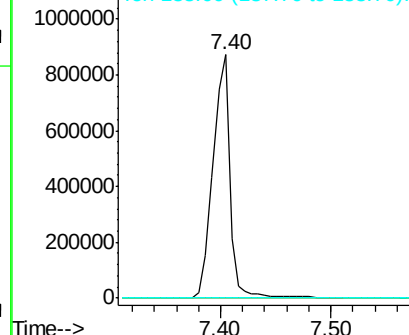
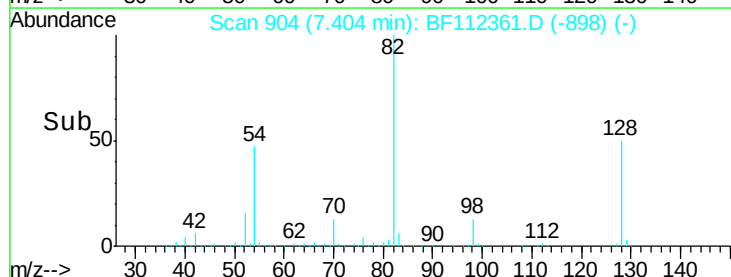


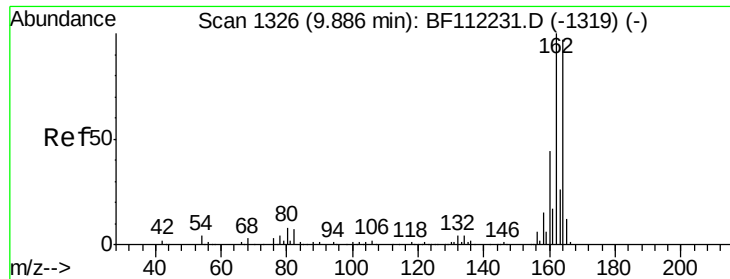
#25
 Isophorone
 Concen: 57.666 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.26 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Tgt Ion: 82 Resp: 912017
 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

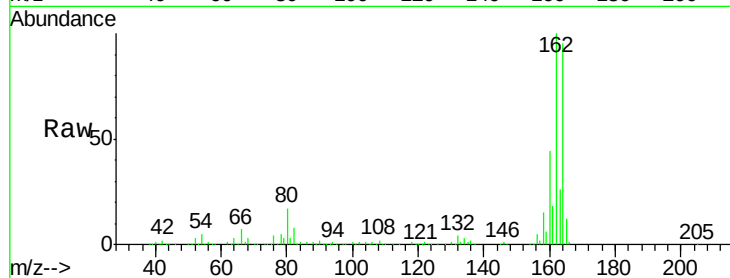




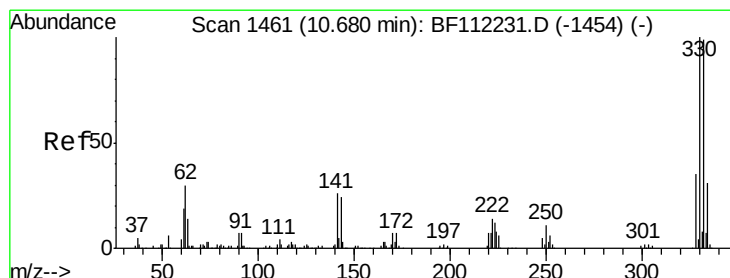
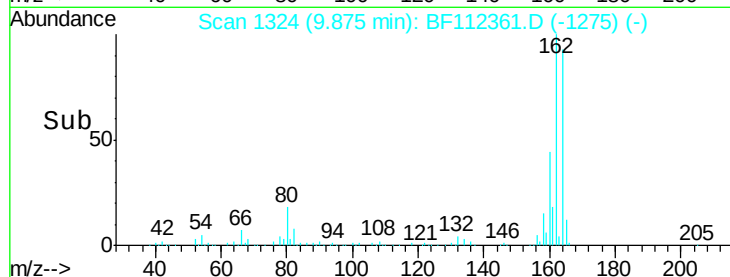
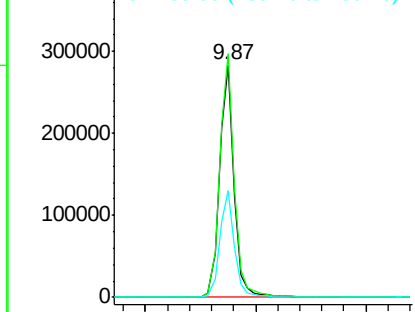
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

Tgt Ion:164 Resp: 259793
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 46.0 36.2 54.4

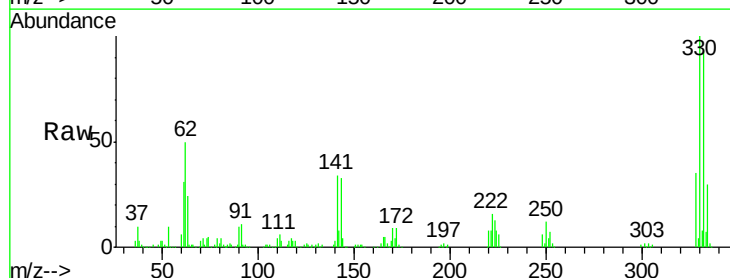


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

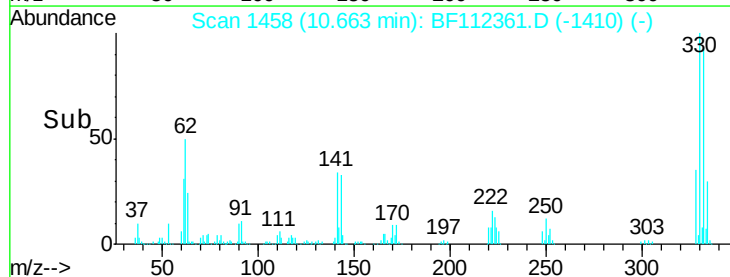
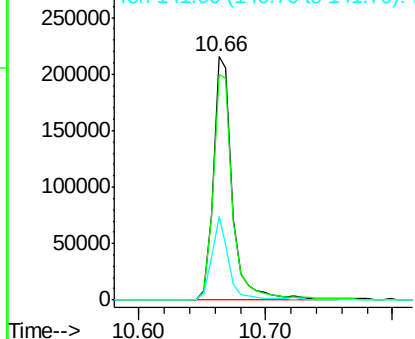


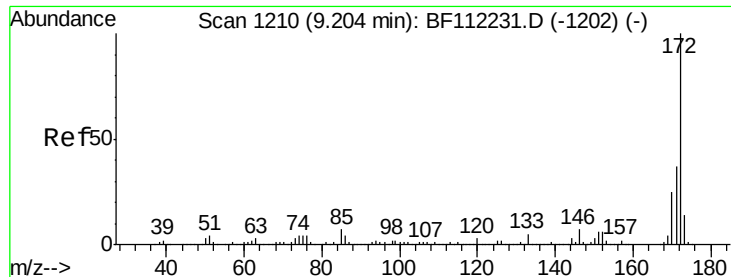
#42
2,4,6-Tribromophenol
Concen: 76.204 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:330 Resp: 230436
Ion Ratio Lower Upper
330 100
332 95.9 76.6 114.8
141 31.6 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

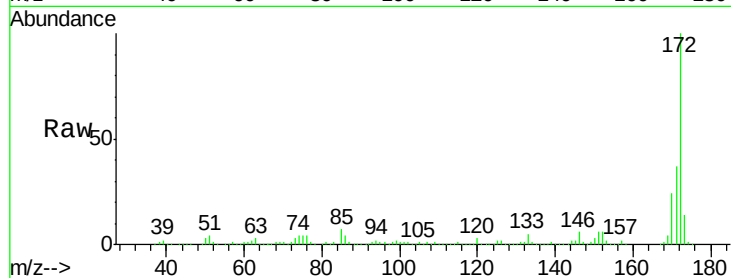




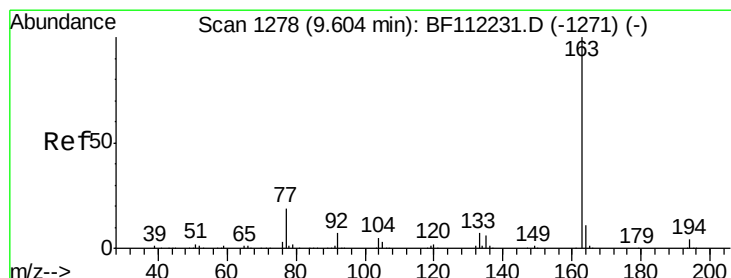
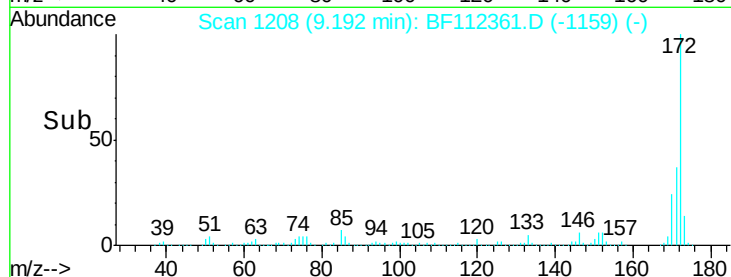
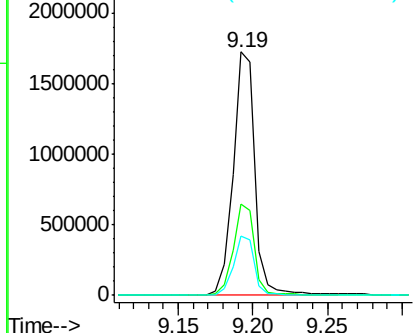
#45
 2-Fluorobiphenyl
 Concen: 96.534 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Instrument :
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Tgt Ion:172 Resp: 1773182
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 24.1 20.2 30.4

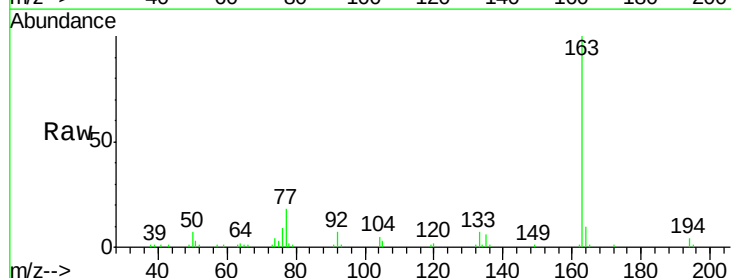


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

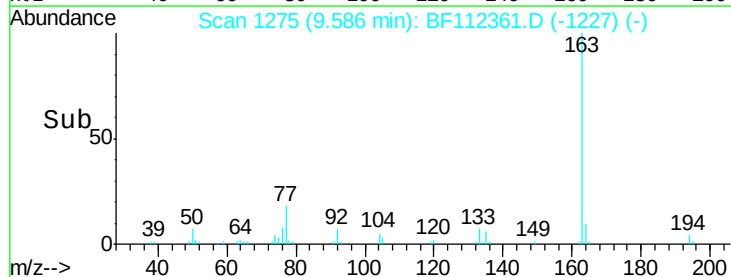
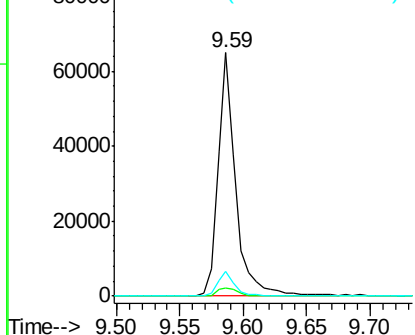


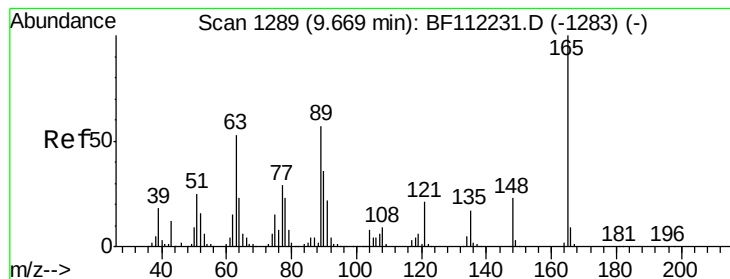
#50
 Dimethylphthalate
 Concen: 3.164 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112361.D
 Acq: 1 Feb 2019 19:41

Tgt Ion:163 Resp: 63864
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.3 4.9
 164 10.3 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: 7.340 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-B

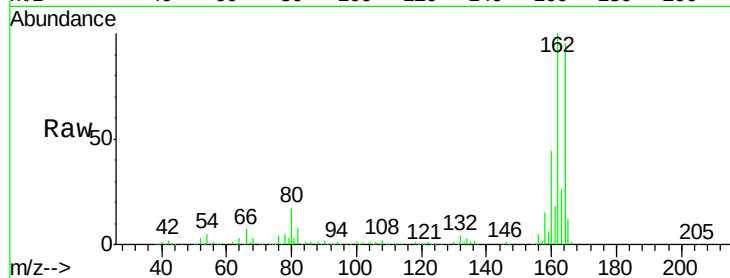
Tgt Ion:165 Resp: 33180

Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.8#

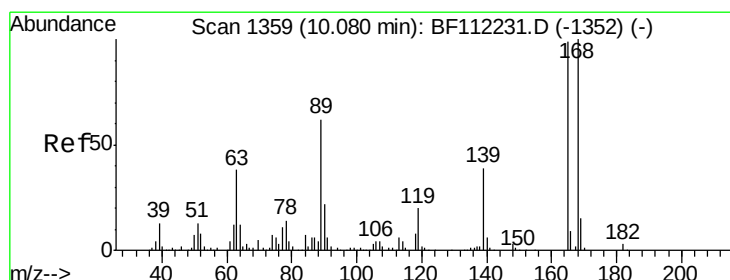
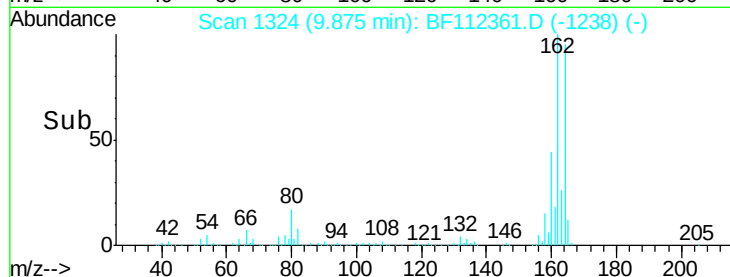
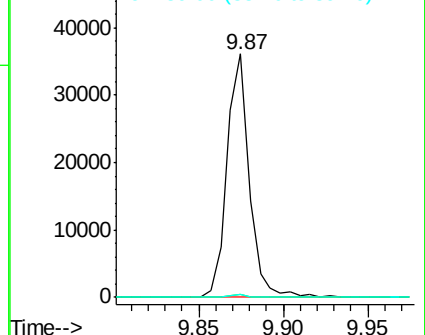
89 1.4 36.9 55.3#



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: 5.765 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112361.D

Acq: 1 Feb 2019 19:41

Tgt Ion:165 Resp: 33180

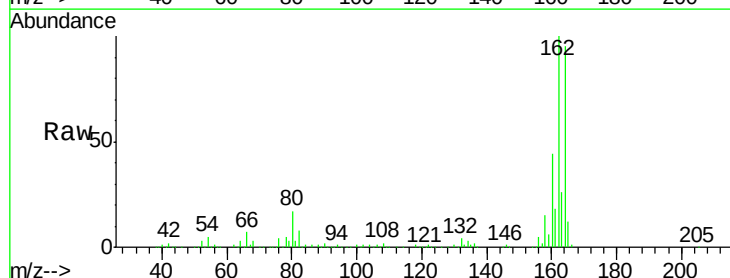
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 1.4 47.9 71.9#

182 0.0 2.2 3.4#

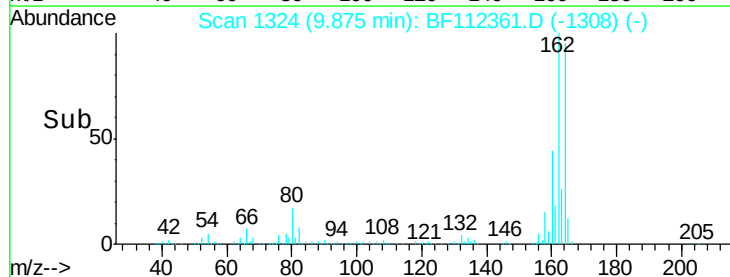
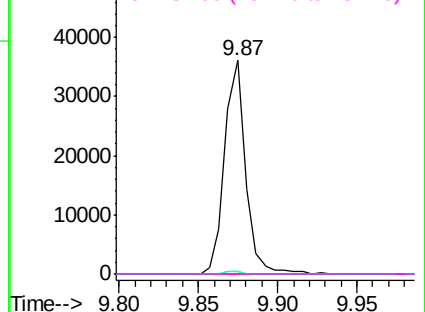


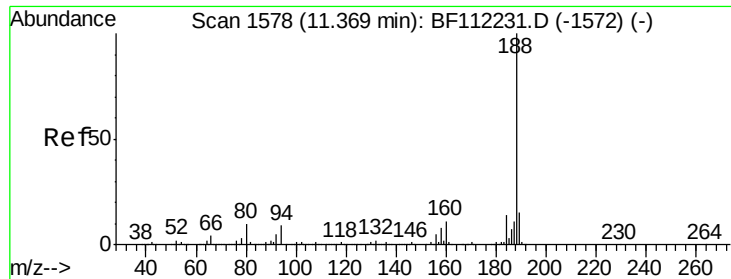
Abundance Ion 165.00 (164.70 to 165.70): E

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

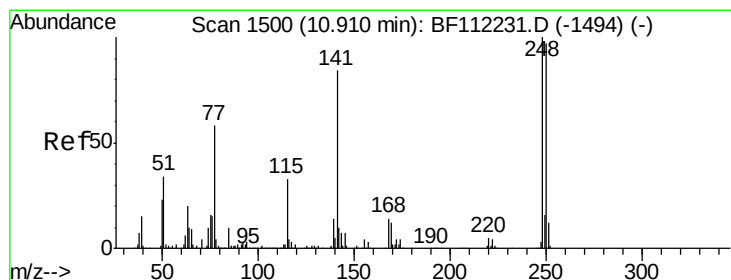
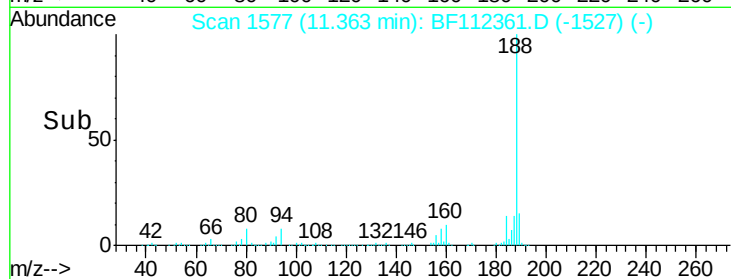
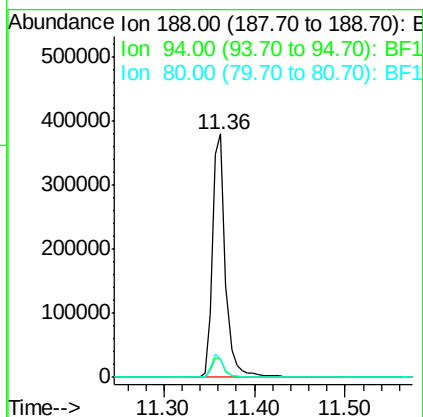
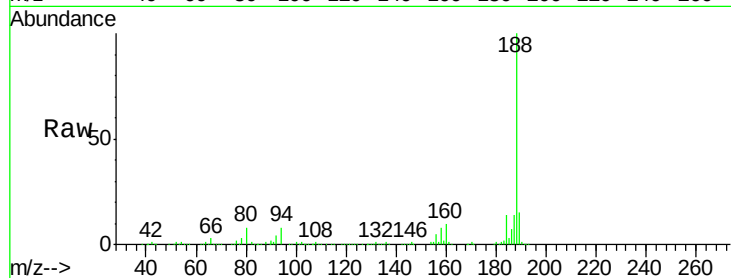




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

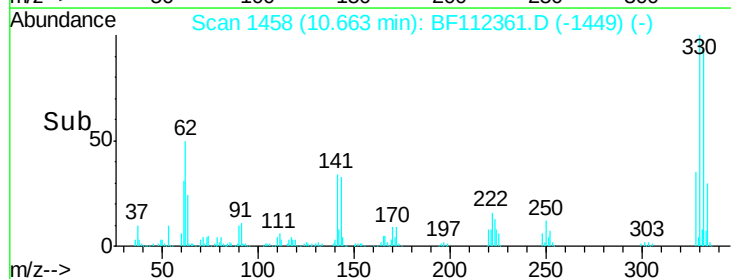
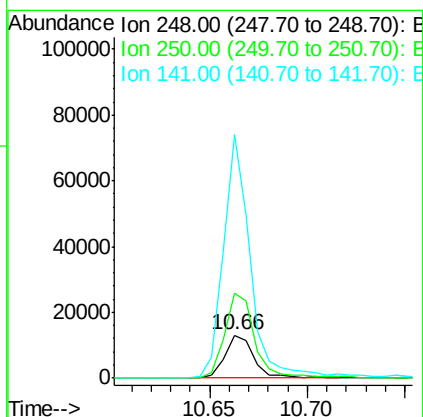
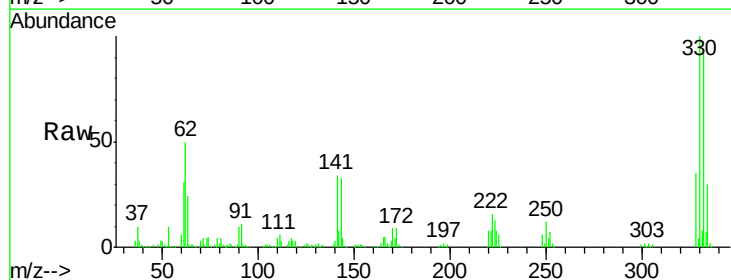
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

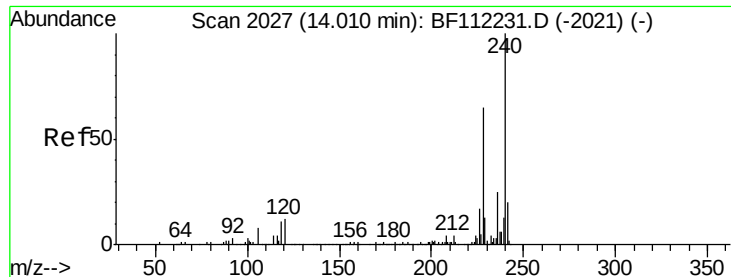
Tgt Ion:188 Resp: 383207
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 7.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 2.940 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:248 Resp: 13253
Ion Ratio Lower Upper
248 100
250 195.4 79.7 119.5#
141 562.5 60.3 90.5#

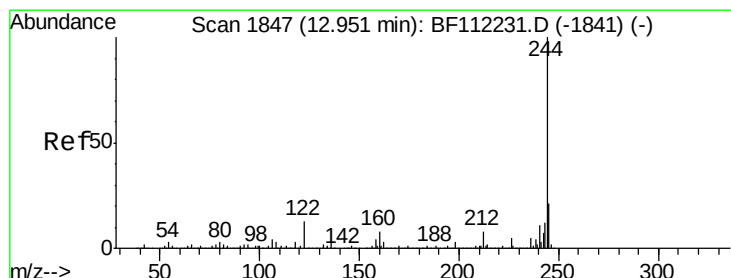
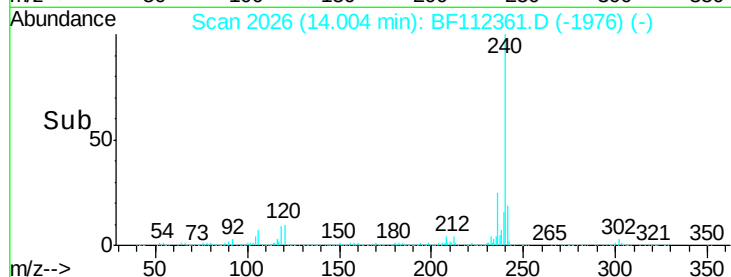
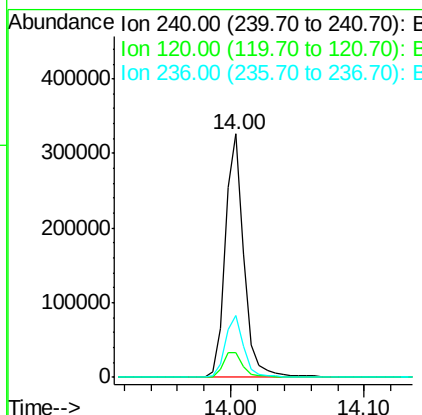
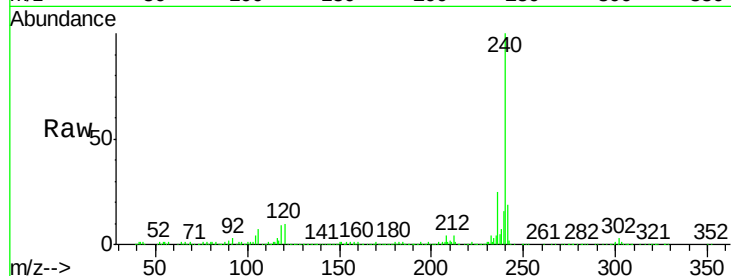




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

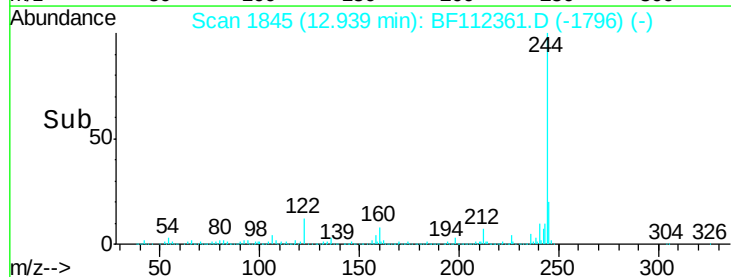
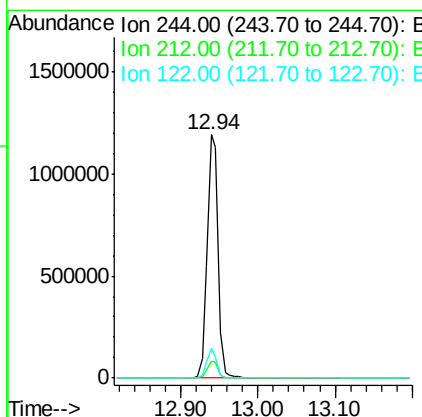
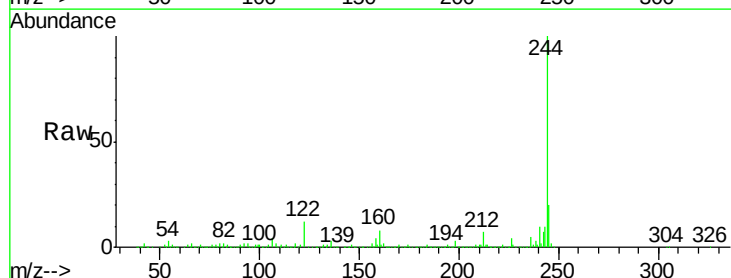
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

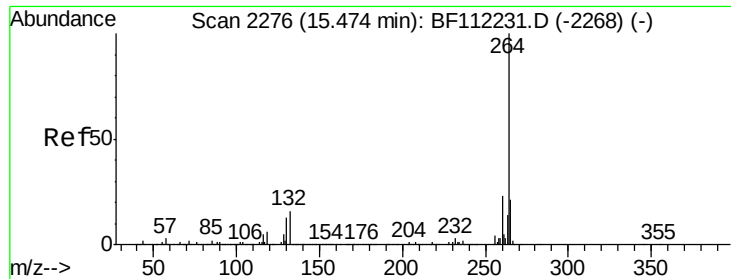
Tgt Ion:240 Resp: 320016
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.6
236 25.4 20.7 31.1



#79
Terphenyl-d14
Concen: 68.201 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Tgt Ion:244 Resp: 1158800
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.0 9.8 14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112361.D
Acq: 1 Feb 2019 19:41

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	17.0	25.4

