

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107043.D
 Acq On : 2 Jul 2018 14:41
 Operator : JU/SJ
 Sample : J3742-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302

Quant Time: Jul 02 15:09:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70458	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	266639	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	130761	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	234032	20.00	ng	0.00
75) Chrysene-d12	14.15	240	206384	20.00	ng	-0.01
86) Perylene-d12	15.71	264	163222	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	460158	110.59	ng	0.01
7) Phenol-d6	6.61	99	516418	99.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	401560	83.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	211336	139.44	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	765662	102.07	ng	-0.01
78) Terphenyl-d14	13.08	244	838060	98.36	ng	0.00

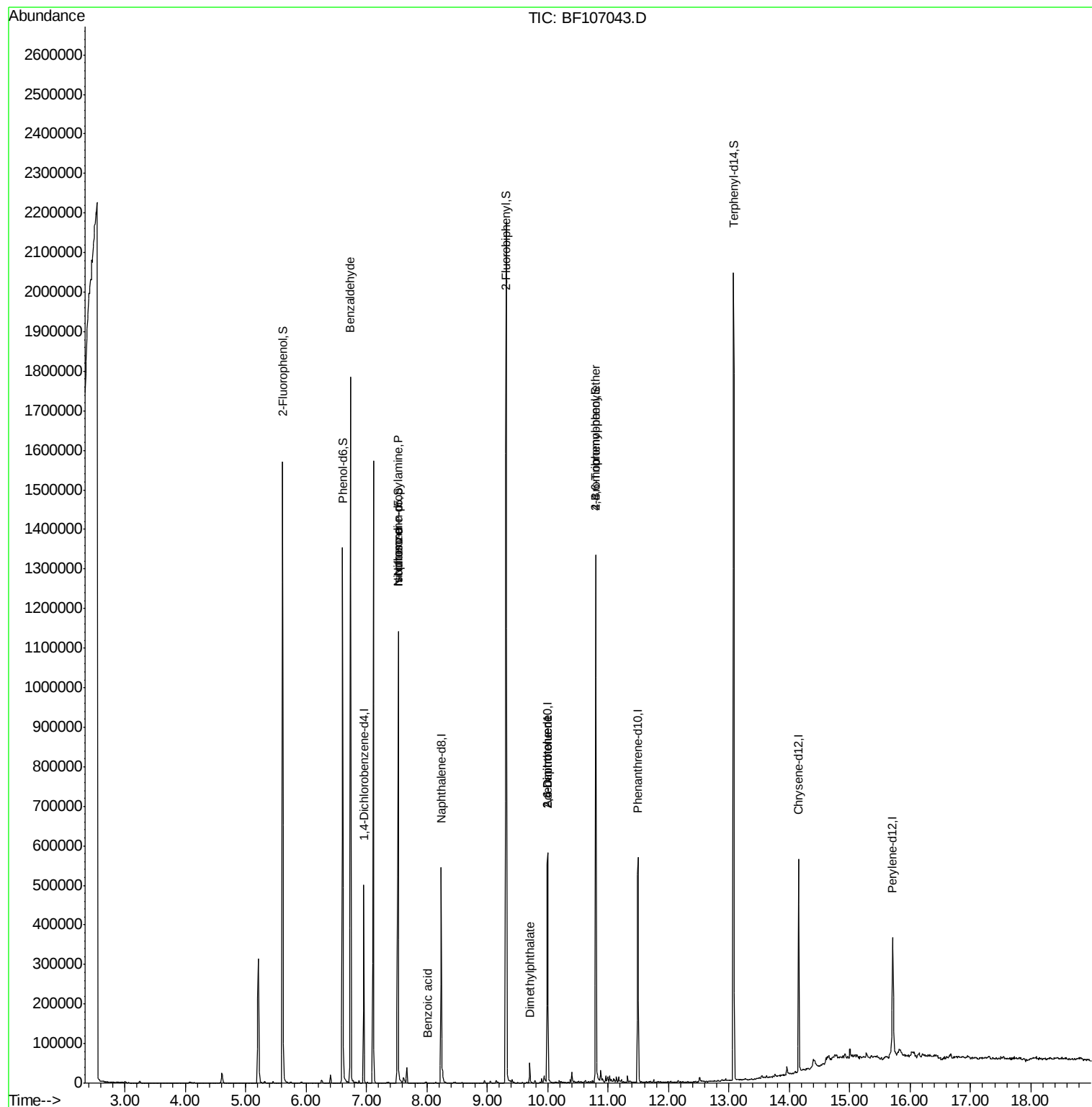
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	10941	2.498	ng	86
19) n-Nitroso-di-n-propylamine	7.52	70	52298	15.269	ng	# 75
25) Isophorone	7.52	82	401556	47.495	ng	# 64
32) Benzoic acid	8.02	122	114	5.770	ng	# 1
49) Dimethylphthalate	9.70	163	25091	2.558	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	16905	8.140	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	16905	6.236	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	13021	4.662	ng	# 1

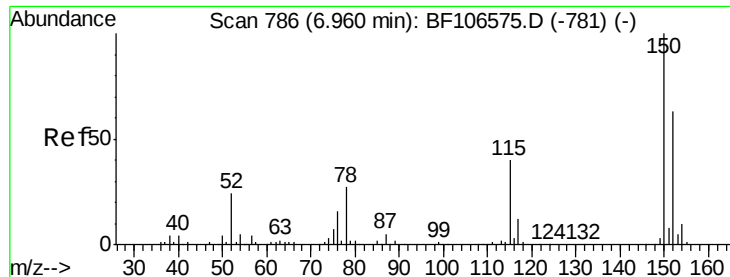
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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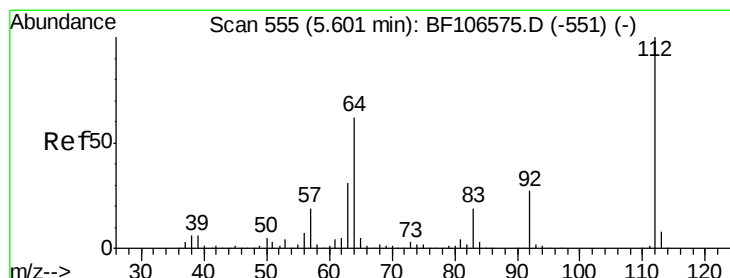
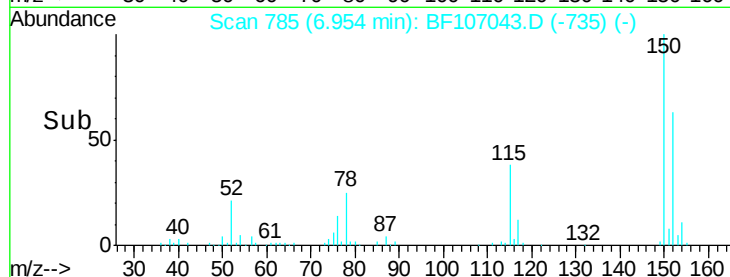
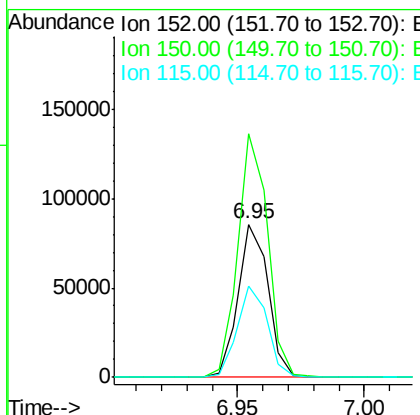
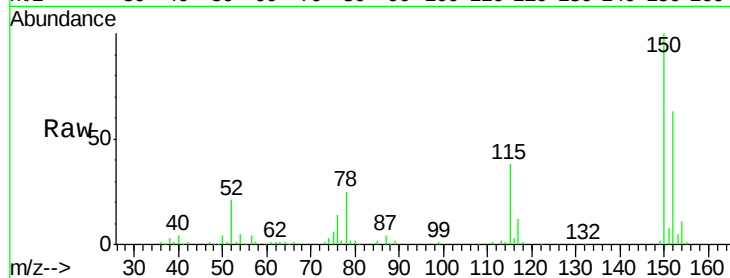




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

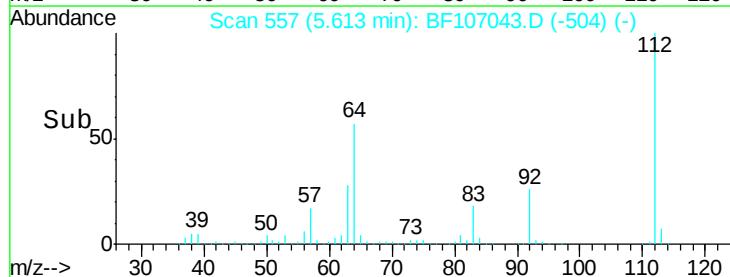
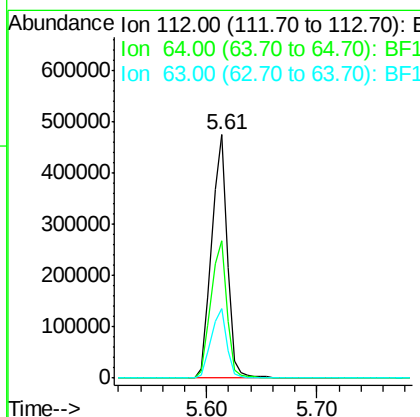
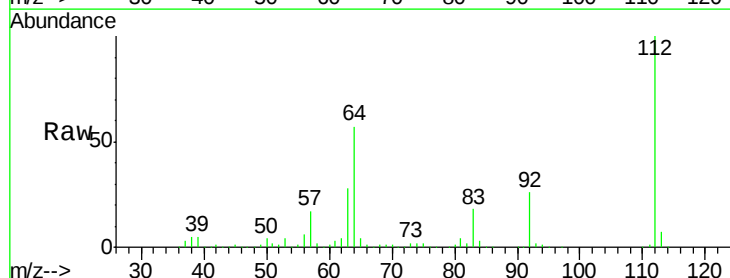
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302

Tgt Ion:152 Resp: 70458
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 59.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 110.590 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Tgt Ion:112 Resp: 460158
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 99.384 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

JCSA-302

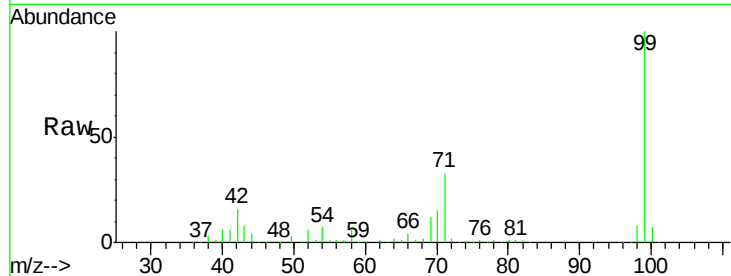
Tgt Ion: 99 Resp: 516418

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

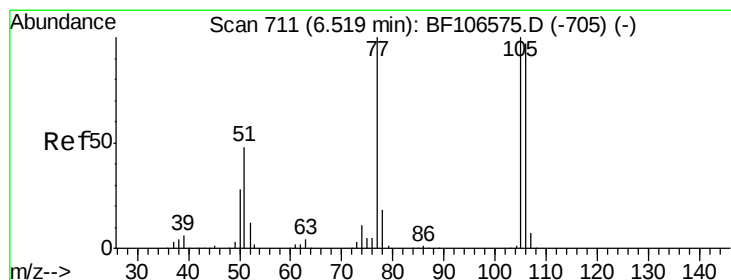
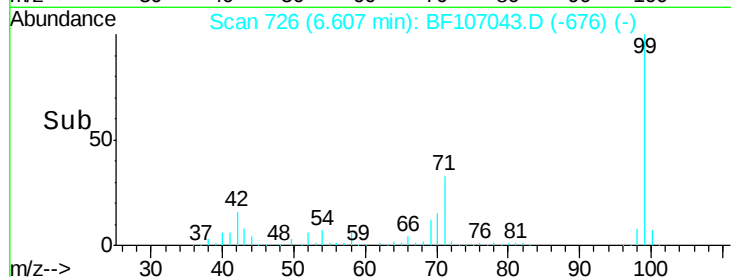
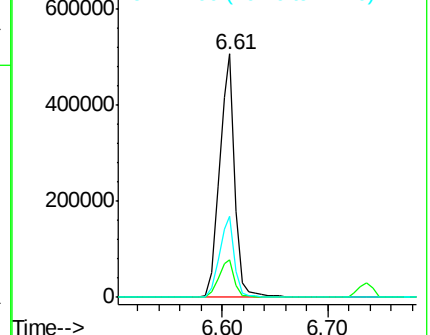
71 33.2 25.4 38.0



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: 2.498 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

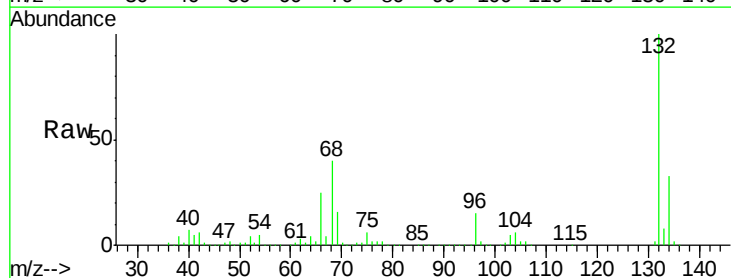
Tgt Ion: 77 Resp: 10941

Ion Ratio Lower Upper

77 100

105 83.4 81.1 121.1

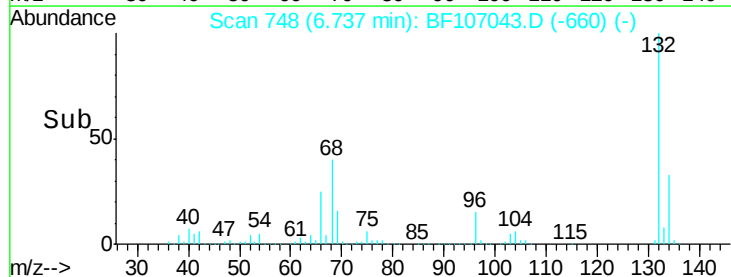
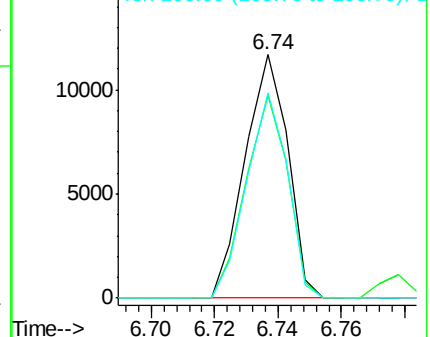
106 84.2 74.5 114.5

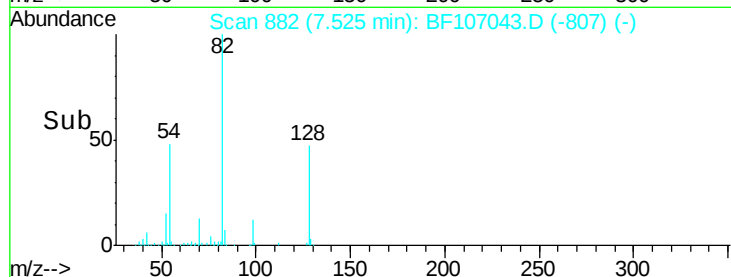
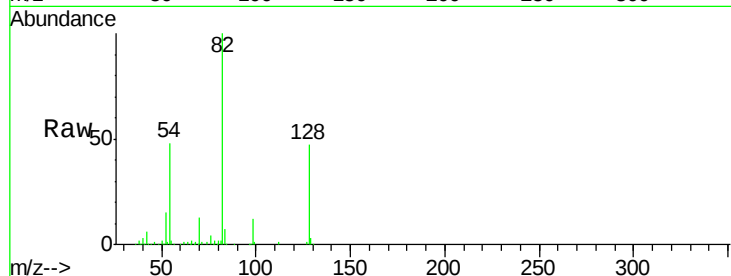
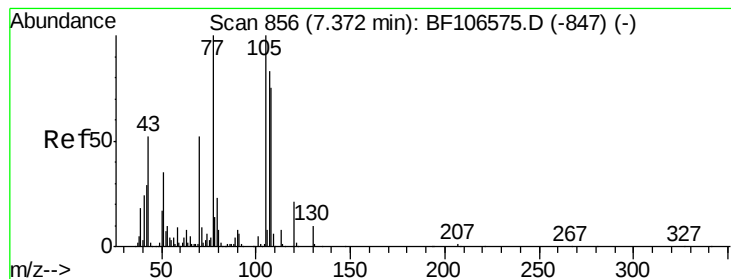


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 15.269 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

JCSA-302

Tgt Ion: 70 Resp: 52298

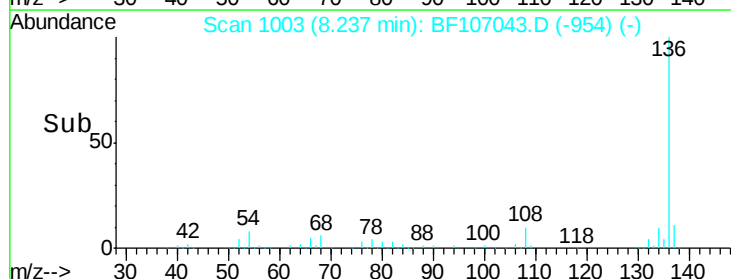
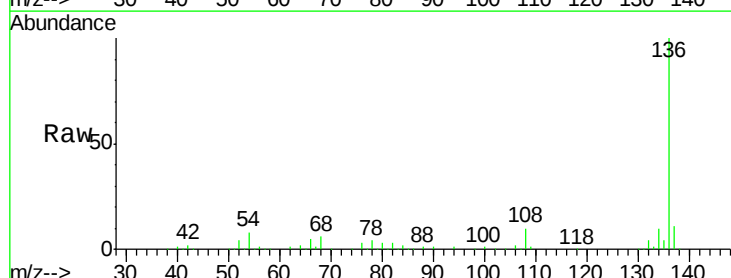
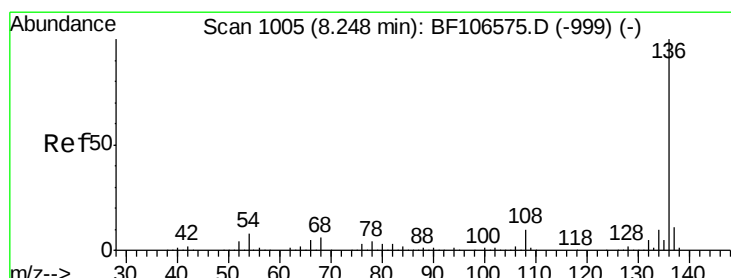
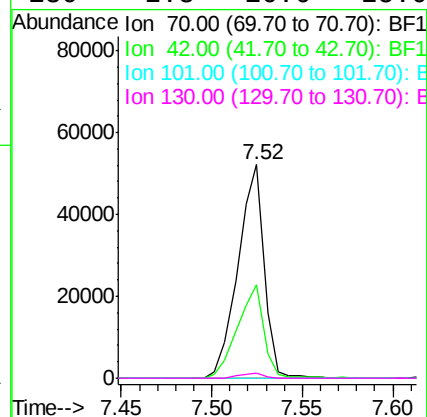
Ion Ratio Lower Upper

70 100

42 44.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

Tgt Ion: 136 Resp: 266639

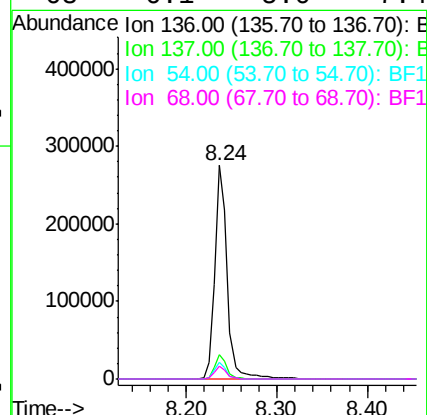
Ion Ratio Lower Upper

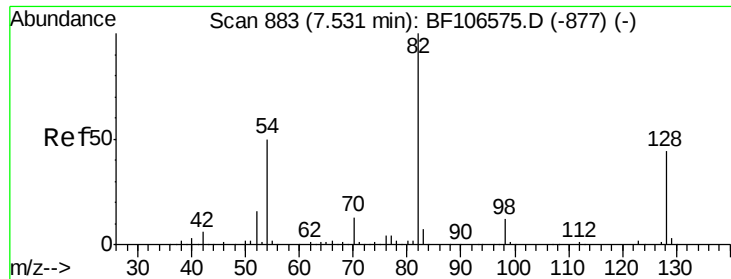
136 100

137 11.3 8.9 13.3

54 8.0 6.6 9.8

68 6.1 5.0 7.4

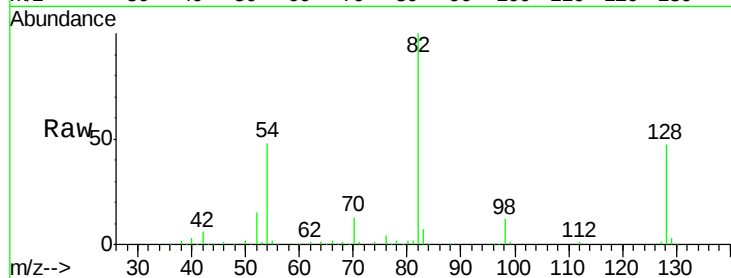




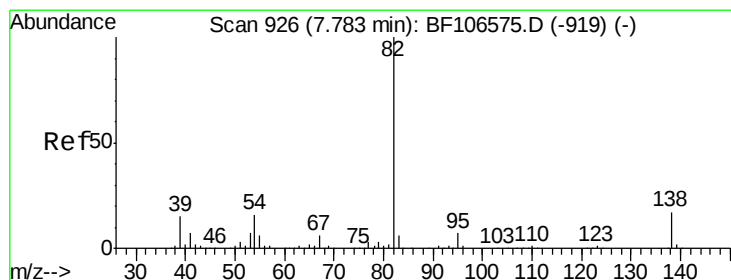
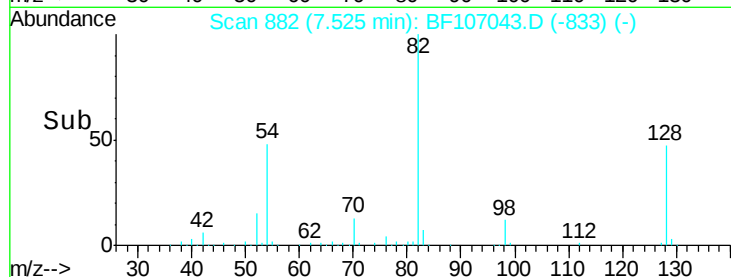
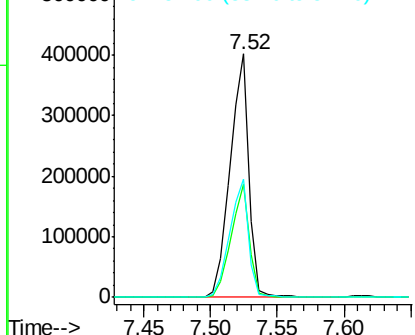
#23
 Nitrobenzene-d5
 Concen: 83.694 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302

Tgt Ion: 82 Resp: 401560
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 48.4 41.4 62.2

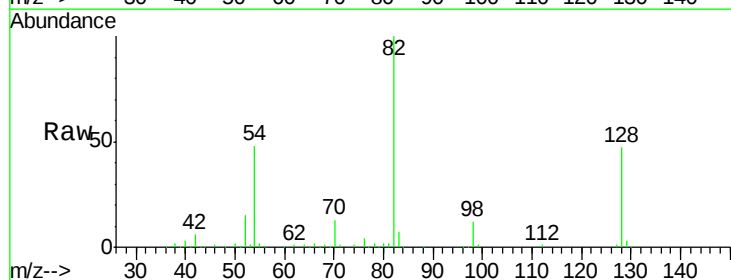


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

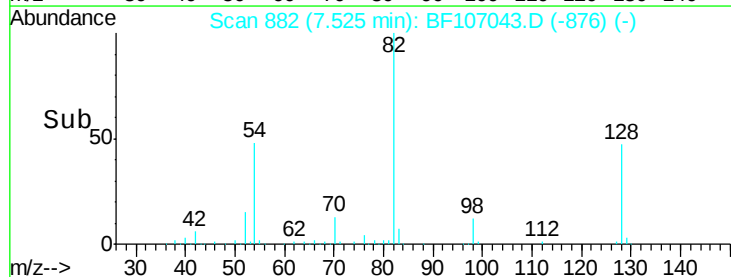
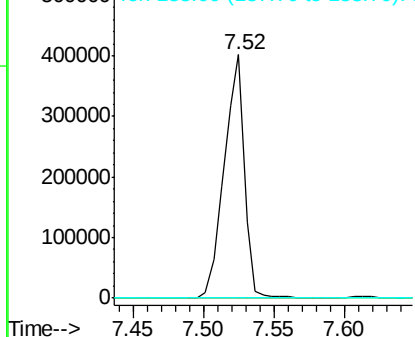


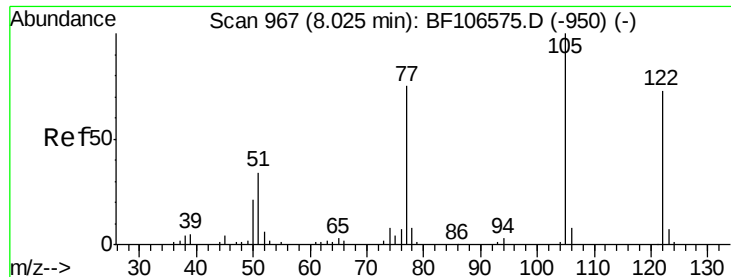
#25
 Isophorone
 Concen: 47.495 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Tgt Ion: 82 Resp: 401556
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



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





#32

Benzoic acid

Concen: 5.770 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

Instrument :

BNA_F

ClientSampleId :

JCSA-302

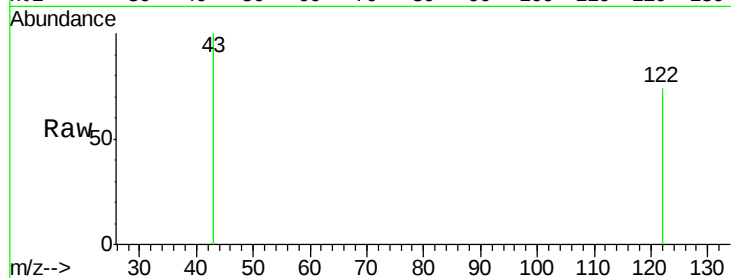
Tgt Ion:122 Resp: 114

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

8.02

300

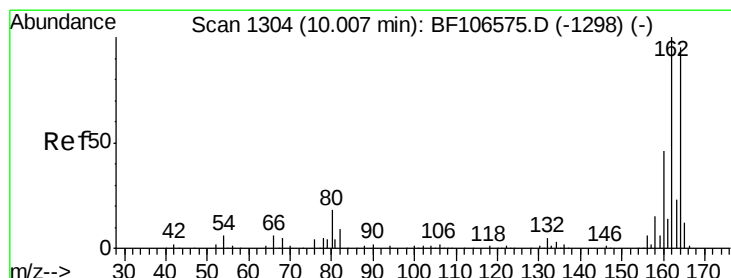
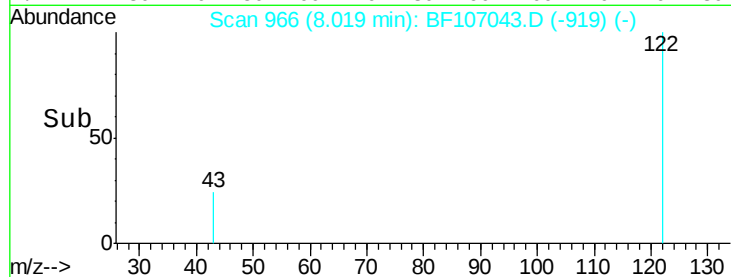
200

100

0

8.00 8.01 8.02 8.03

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107043.D

Acq: 2 Jul 2018 14:41

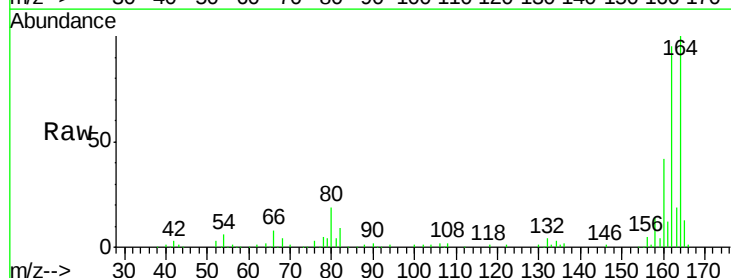
Tgt Ion:164 Resp: 130761

Ion Ratio Lower Upper

164 100

162 95.5 86.1 129.1

160 42.4 38.3 57.5



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

10.00

150000

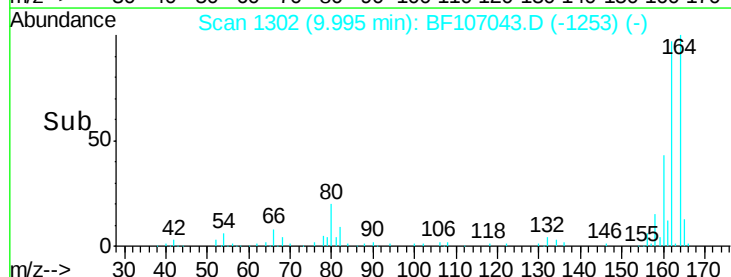
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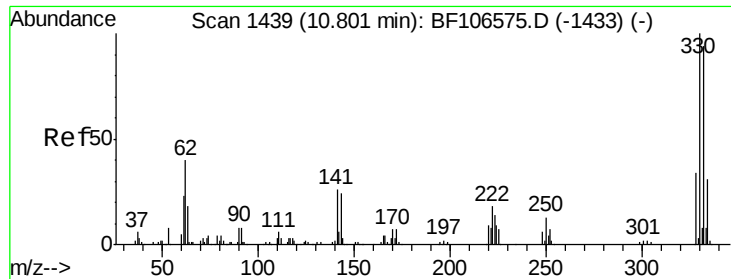
50000

0

9.95 10.00 10.05 10.10

Time-->

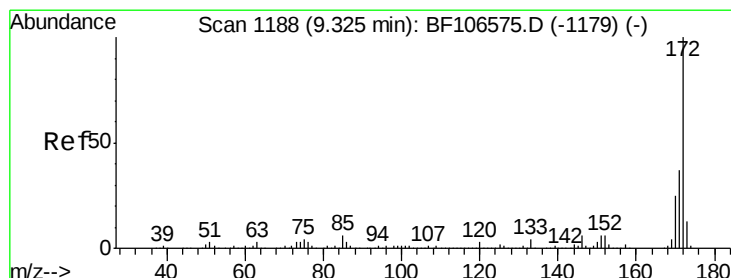
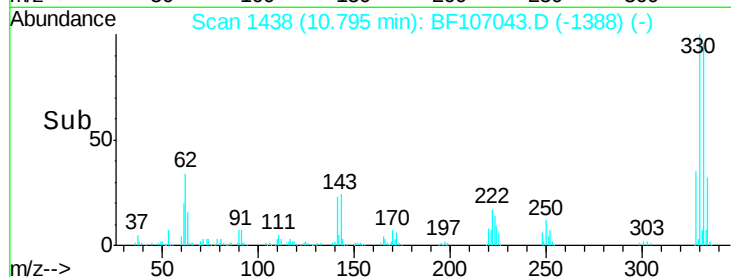
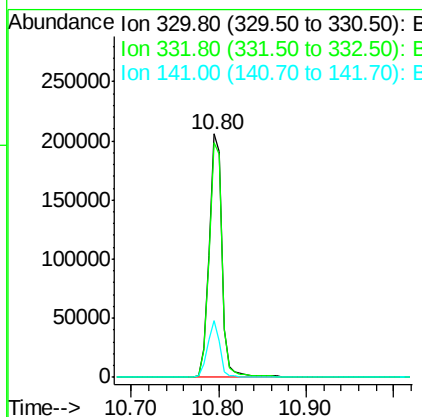
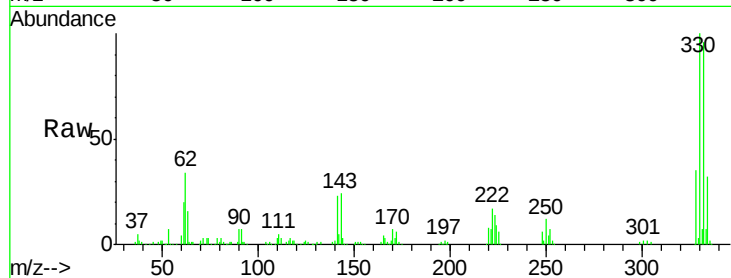




#41
 2,4,6-Tribromophenol
 Concen: 139.445 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

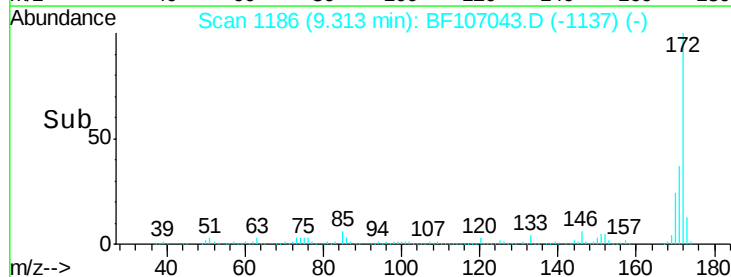
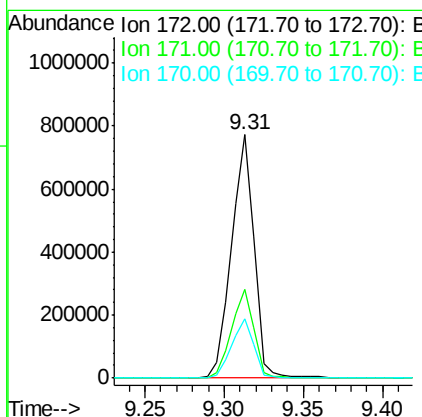
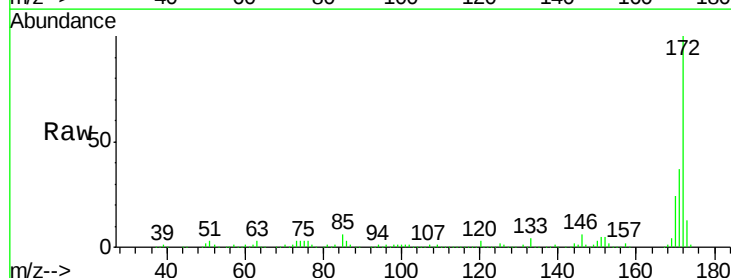
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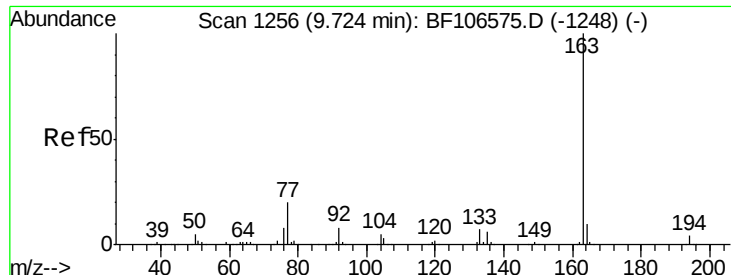
Tgt Ion:330 Resp: 211336
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 22.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 102.074 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Tgt Ion:172 Resp: 765662
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 19.6 29.4

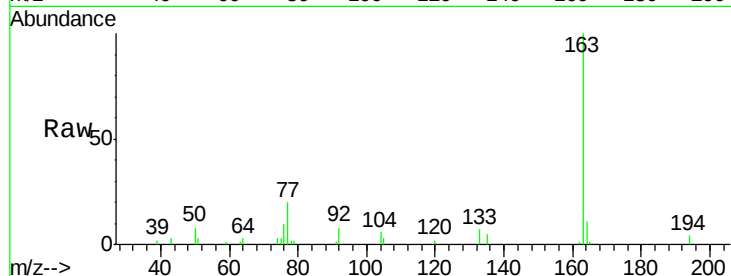




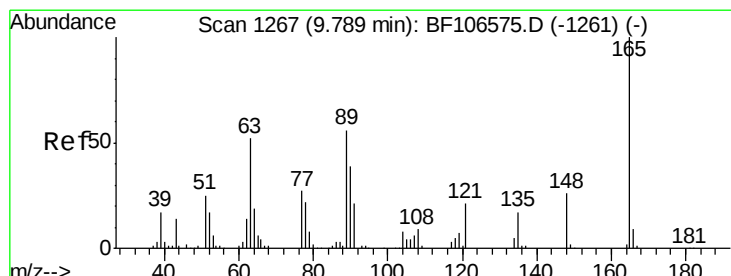
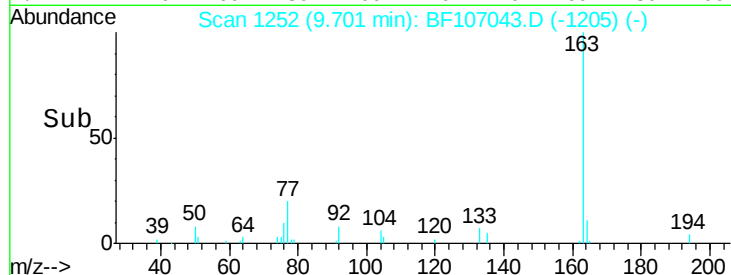
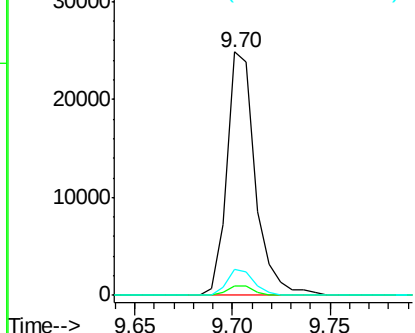
#49
Dimethylphthalate
Concen: 2.558 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107043.D
Acq: 2 Jul 2018 14:41

Instrument :
BNA_F
ClientSampleId :
JCSA-302

Tgt Ion:163 Resp: 25091
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

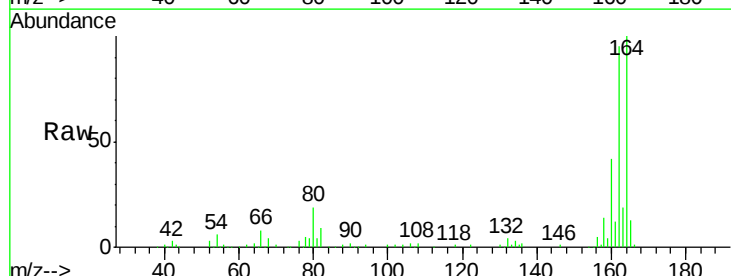


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

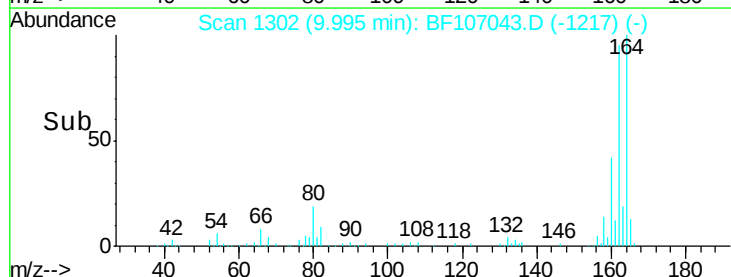
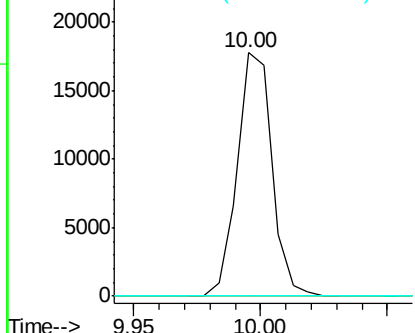


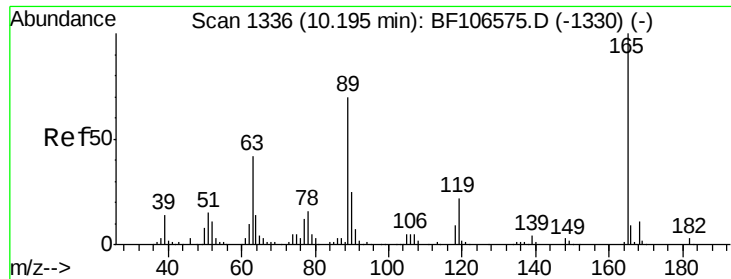
#50
2,6-Dinitrotoluene
Concen: 8.140 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107043.D
Acq: 2 Jul 2018 14:41

Tgt Ion:165 Resp: 16905
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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

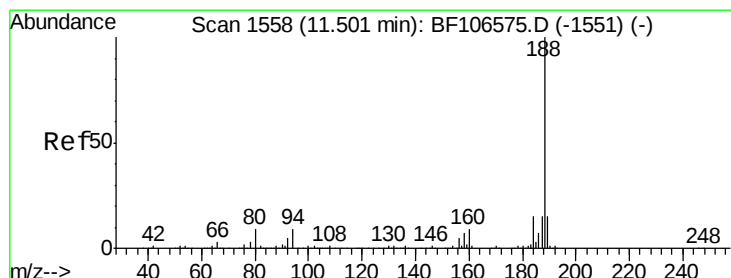
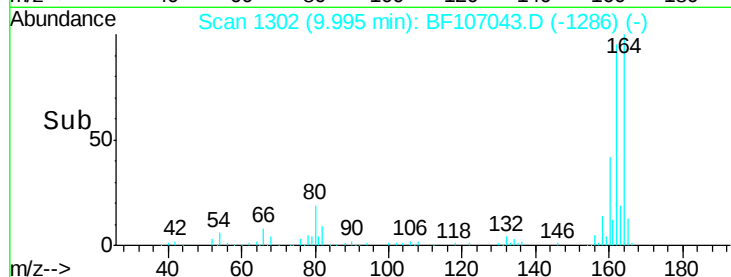
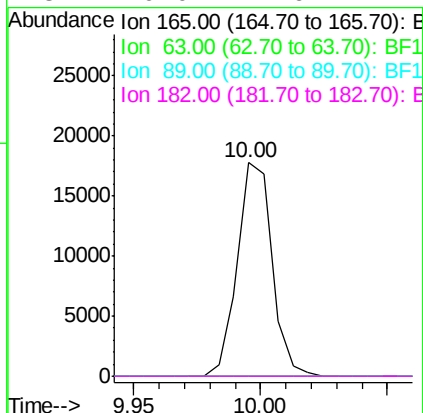
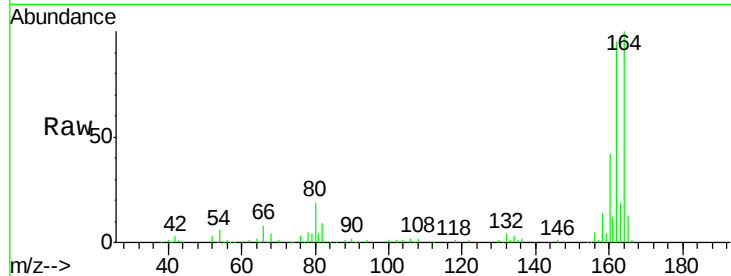




#56
2,4-Dinitrotoluene
Concen: 6.236 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107043.D
Acq: 2 Jul 2018 14:41

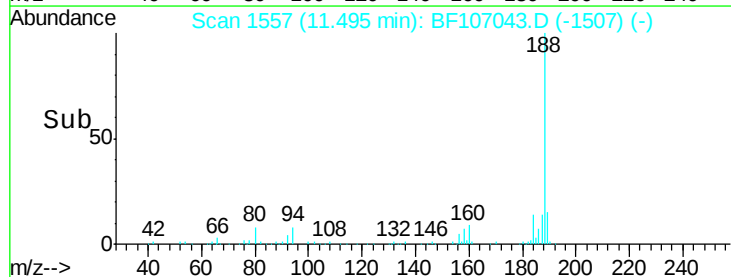
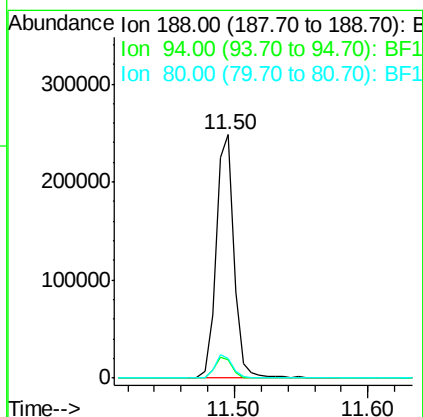
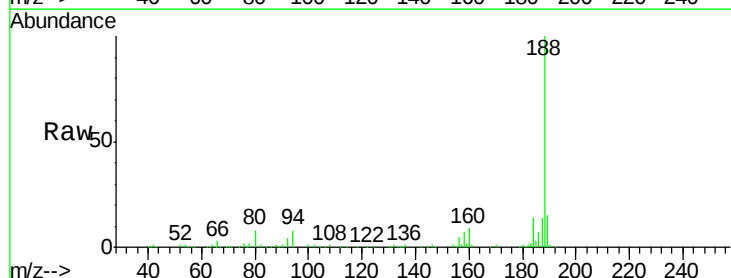
Instrument :
BNA_F
ClientSampleId :
JCSA-302

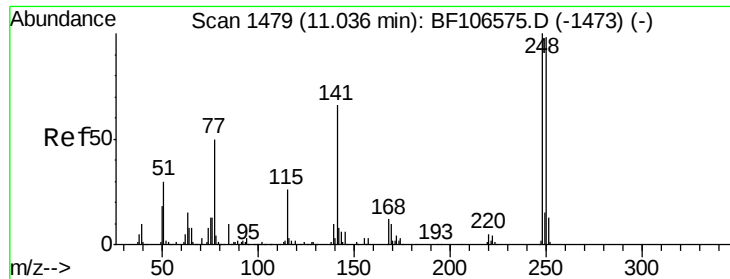
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107043.D
Acq: 2 Jul 2018 14:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	7.9	9.2	13.8#

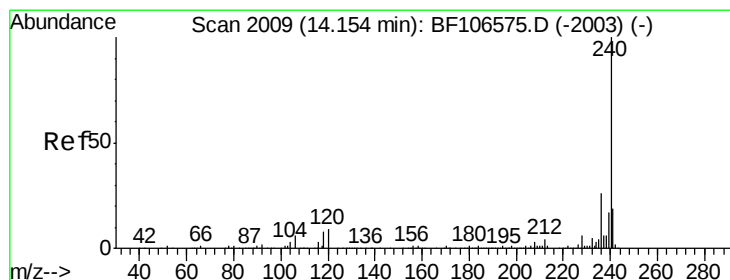
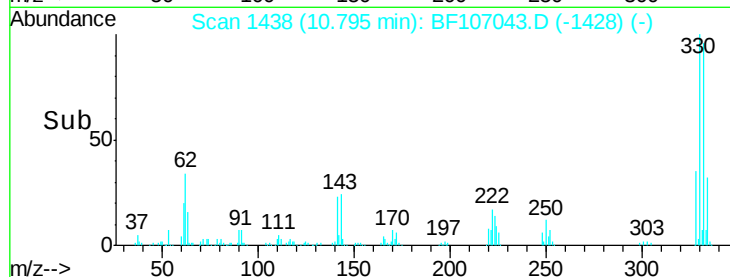
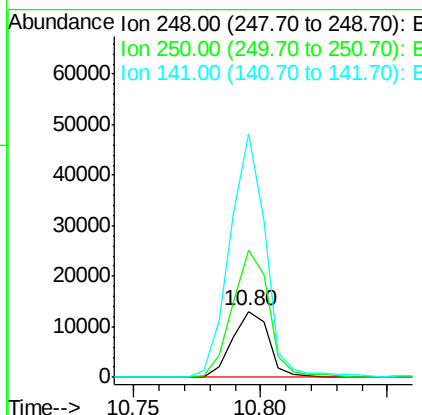
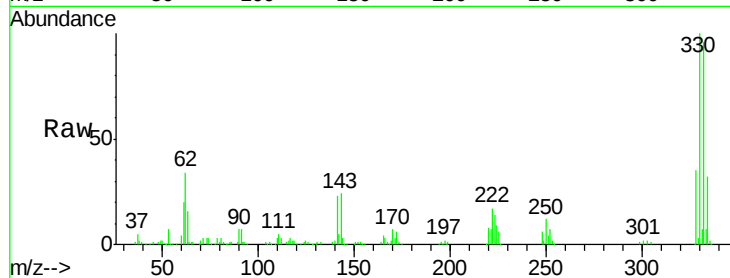




#66
 4-Bromophenyl-phenylether
 Concen: 4.662 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

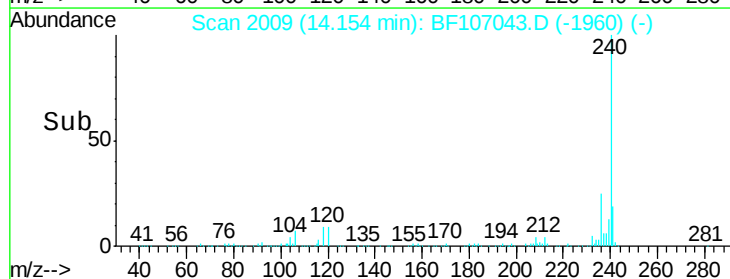
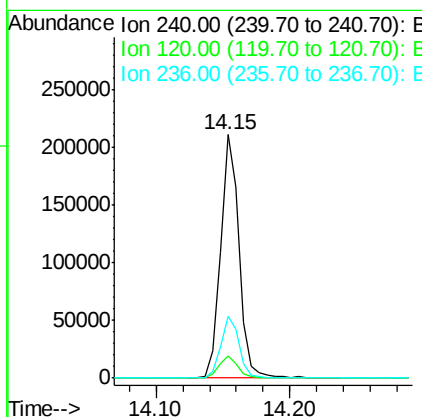
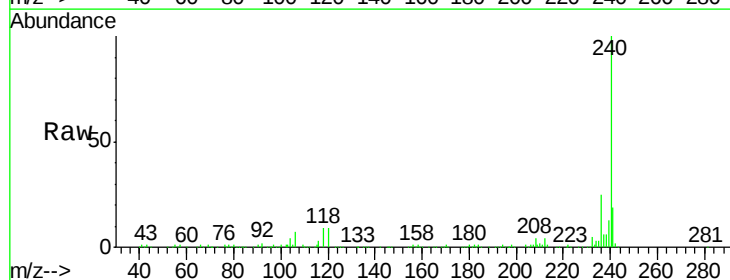
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302

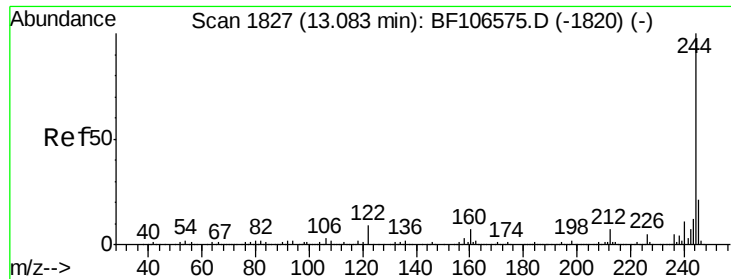
Tgt Ion:248 Resp: 13021
 Ion Ratio Lower Upper
 248 100
 250 192.8 76.9 115.3#
 141 368.7 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Tgt Ion:240 Resp: 206384
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 25.5 20.7 31.1

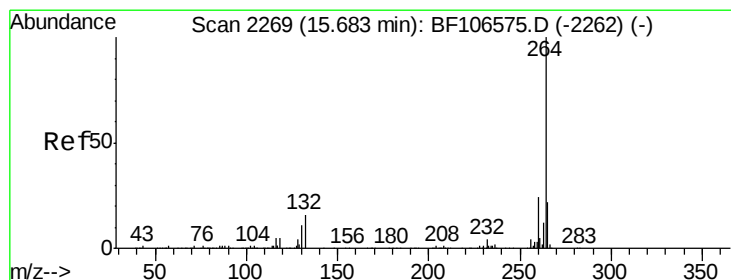
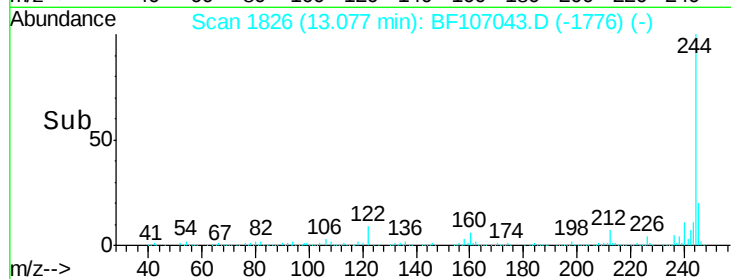
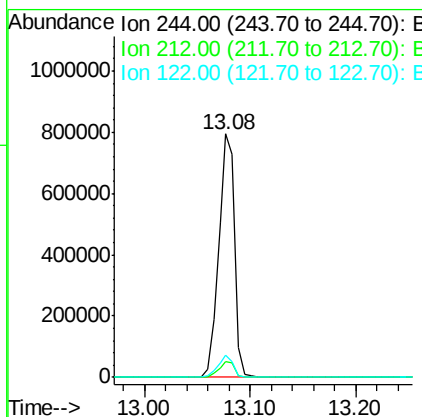
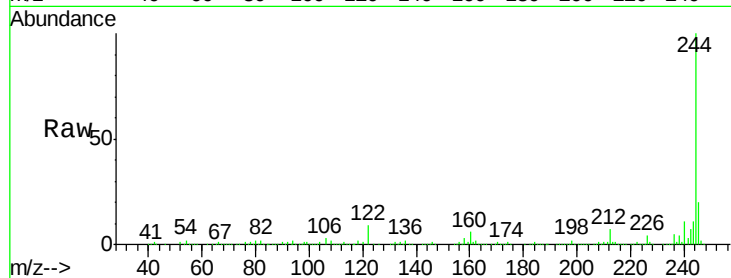




#78
 Terphenyl-d14
 Concen: 98.362 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302

Tgt Ion:244 Resp: 838060
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF107043.D
 Acq: 2 Jul 2018 14:41

Tgt Ion:264 Resp: 163222
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.2 17.5 26.3

