

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107044.D
 Acq On : 2 Jul 2018 15:09
 Operator : JU/SJ
 Sample : J3742-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Quant Time: Jul 02 17:23:23 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	6.96	152	76359	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	289447	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	144135	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	256903	20.00	ng	0.00
75) Chrysene-d12	14.16	240	205642	20.00	ng	0.00
86) Perylene-d12	15.71	264	171873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	517178	114.69	ng	0.02
7) Phenol-d6	6.61	99	597313	106.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	451058	86.60	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	226034	135.30	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	832689	100.47	ng	-0.01
78) Terphenyl-d14	13.08	244	869695	102.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	75533	32.580	ng	# 84
3) Pyridine	3.72	79	181818	28.917	ng	96
4) n-Nitrosodimethylamine	3.68	42	88672	33.205	ng	80
6) Aniline	6.63	93	100113	13.106	ng	# 32
8) 2-Chlorophenol	6.75	128	205981	41.646	ng	98
9) Benzaldehyde	6.52	77	80819	18.195	ng	92
10) Phenol	6.62	94	216498	33.687	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	213076	40.160	ng	98
12) 1,3-Dichlorobenzene	6.90	146	253025	43.678	ng	97
13) 1,4-Dichlorobenzene	6.98	146	249480	42.598	ng	97
14) 1,2-Dichlorobenzene	7.13	146	232307	43.281	ng	97
15) Benzyl Alcohol	7.11	79	169560	37.498	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	287086	41.241	ng	# 24
17) 2-Methylphenol	7.22	107	173030	40.880	ng	# 86
18) Hexachloroethane	7.47	117	77308	37.537	ng	# 82
19) n-Nitroso-di-n-propylamine	7.37	70	143100	38.550	ng	94
20) 3+4-Methylphenols	7.38	107	215182	47.986	ng	93
22) Acetophenone	7.37	105	293214	45.279	ng	100
24) Nitrobenzene	7.55	77	225199	42.350	ng	97
25) Isophorone	7.78	82	415846	45.310	ng	98
26) 2-Nitrophenol	7.86	139	116218	46.298	ng	95
27) 2,4-Dimethylphenol	7.90	122	193868	49.967	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	269652	43.759	ng	98
29) 2,4-Dichlorophenol	8.11	162	195783	48.198	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	217568	48.620	ng	98
31) Naphthalene	8.27	128	619027	45.744	ng	100
32) Benzoic acid	8.04	122	86036	32.576	ng	95
33) 4-Chloroaniline	8.31	127	43555	7.671	ng	98
34) Hexachlorobutadiene	8.37	225	143890	49.349	ng	99
35) Caprolactam	8.70	113	35766	27.011	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	193052	45.152	ng	95
37) 2-Methylnaphthalene	8.95	142	456736	50.920	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	241470	49.746	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	24615	9.856	ng	99

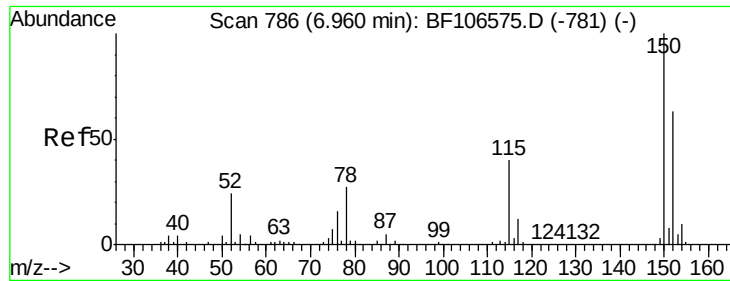
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	137043	42.474	ng	92
43) 2,4,5-Trichlorophenol	9.29	196	143750	42.696	ng	89
45) 1,1'-Biphenyl	9.42	154	533255	46.423	ng	98
46) 2-Chloronaphthalene	9.45	162	395839	43.779	ng	96
47) 2-Nitroaniline	9.55	65	121897	40.091	ng	97
48) Acenaphthylene	9.87	152	606877	42.513	ng	98
49) Dimethylphthalate	9.71	163	467098	43.209	ng	98
50) 2,6-Dinitrotoluene	9.79	165	105989	46.301	ng	91
51) Acenaphthene	10.04	154	365831	40.696	ng	98
52) 3-Nitroaniline	9.96	138	44133	16.754	ng	99
53) 2,4-Dinitrophenol	10.08	184	37893	35.061	ng #	16
54) Dibenzofuran	10.21	168	546220	44.375	ng	98
55) 4-Nitrophenol	10.15	139	88210	47.975	ng	97
56) 2,4-Dinitrotoluene	10.20	165	130199	43.575	ng	88
57) Fluorene	10.55	166	434528	44.486	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	123356	46.092	ng #	77
59) Diethylphthalate	10.41	149	445254	42.674	ng #	94
60) 4-Chlorophenyl-phenylether	10.54	204	230766	45.154	ng #	87
61) 4-Nitroaniline	10.58	138	87305	33.396	ng	92
62) Azobenzene	10.70	77	402833	39.206	ng	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	34495	21.722	ng	75
65) n-Nitrosodiphenylamine	10.66	169	378562	43.810	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	155159	50.606	ng #	80
67) Hexachlorobenzene	11.11	284	156019	48.619	ng #	79
68) Atrazine	11.19	200	131740	47.958	ng	92
69) Pentachlorophenol	11.31	266	101299	63.266	ng	98
70) Phenanthrene	11.52	178	584844	47.199	ng	99
71) Anthracene	11.58	178	594918	47.038	ng	100
72) Carbazole	11.73	167	521361	44.030	ng	98
73) Di-n-butylphthalate	12.04	149	636484	45.626	ng	99
74) Fluoranthene	12.72	202	607932	44.513	ng	95
76) Benzidine	12.84	184	247069	42.186	ng	97
77) Pyrene	12.95	202	598224	44.115	ng	100
79) Butylbenzylphthalate	13.55	149	240713	43.174	ng #	90
80) Benzo(a)anthracene	14.15	228	564687	45.055	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	175663	39.879	ng #	96
82) Chrysene	14.19	228	526091	45.626	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	307353	43.119	ng #	97
84) Di-n-octyl phthalate	14.74	149	539500	46.432	ng #	95
85) Indeno(1,2,3-cd)pyrene	17.31	276	421624	43.088	ng #	89
87) Benzo(b)fluoranthene	15.25	252	500011	46.832	ng #	96
88) Benzo(k)fluoranthene	15.29	252	460110	45.254	ng #	94
89) Benzo(a)pyrene	15.65	252	445211	46.907	ng #	96
90) Dibenzo(a,h)anthracene	17.32	278	362167	45.024	ng #	94
91) Benzo(g,h,i)perylene	17.79	276	344612	43.832	ng #	89

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

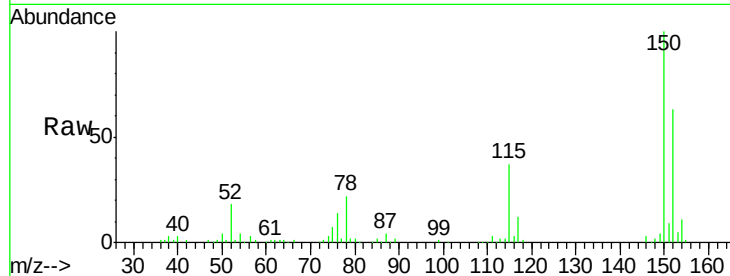


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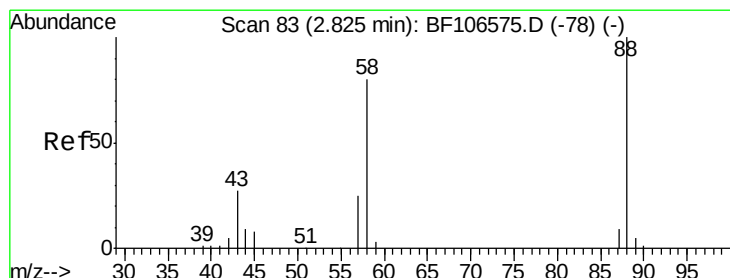
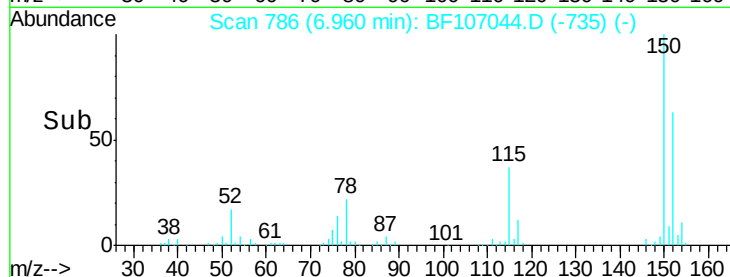
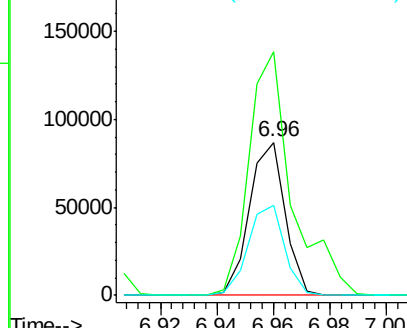
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion:152 Resp: 76359
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 59.0 50.1 75.1



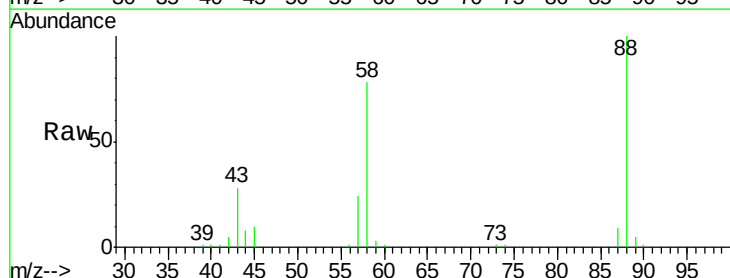
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



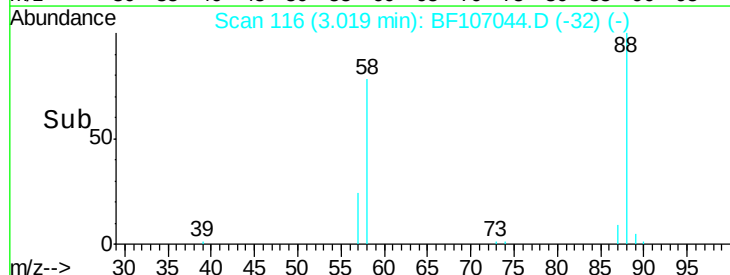
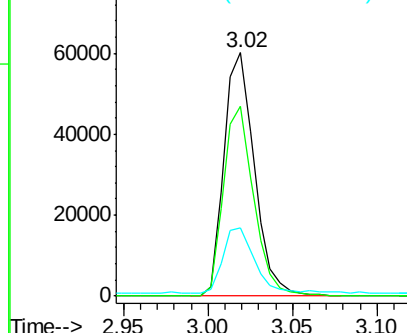
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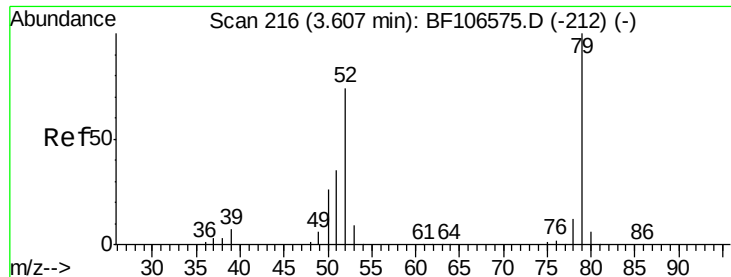
1,4-Dioxane
 Concen: 32.580 ng
 RT: 3.02 min Scan# 116
 Delta R.T. 0.19 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion: 88 Resp: 75533
 Ion Ratio Lower Upper
 88 100
 58 77.8 62.6 93.8
 43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 28.917 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

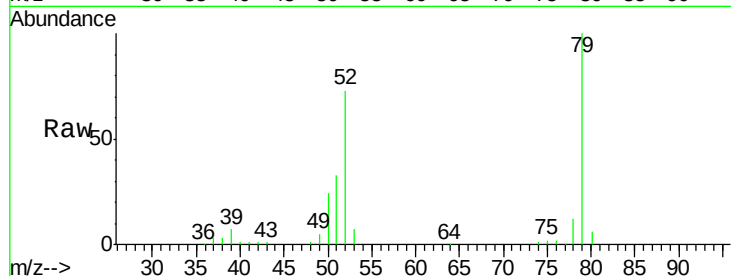
Tgt Ion: 79 Resp: 181818

Ion Ratio Lower Upper

79 100

52 72.6 59.8 89.6

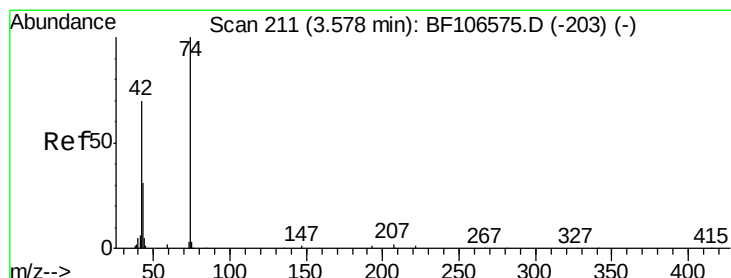
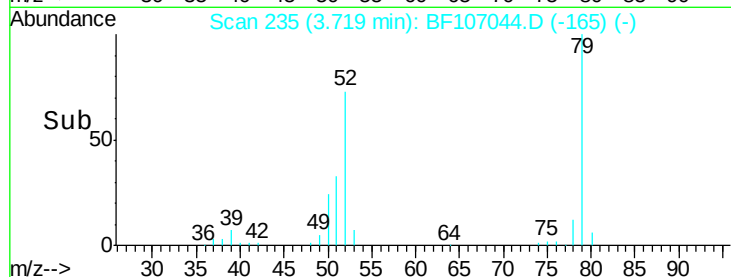
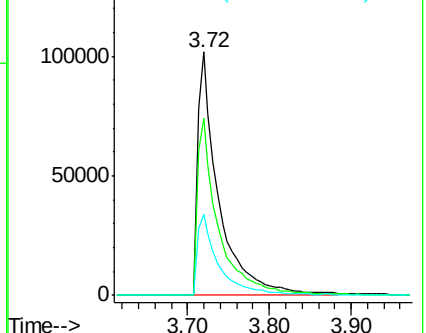
51 33.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 33.205 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

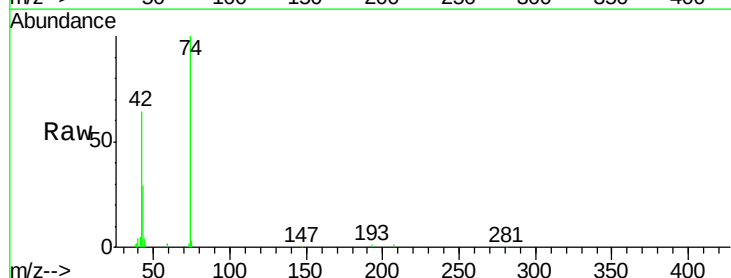
Tgt Ion: 42 Resp: 88672

Ion Ratio Lower Upper

42 100

74 155.2 104.9 157.3

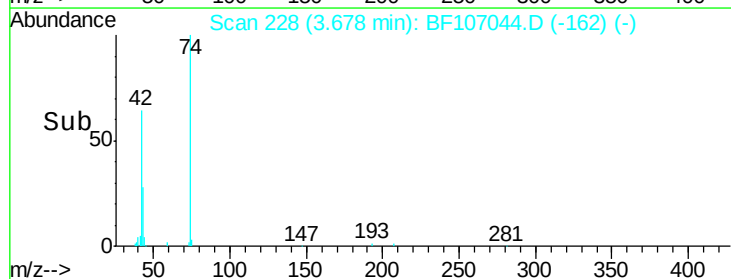
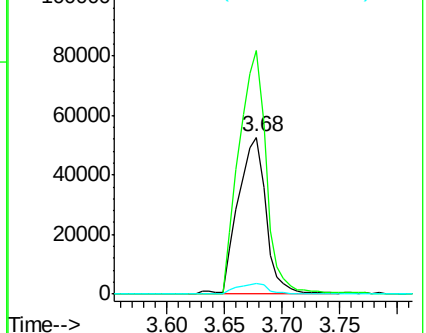
44 7.0 6.9 10.3

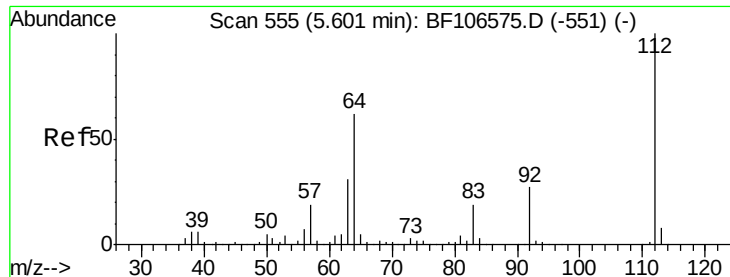


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 114.688 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

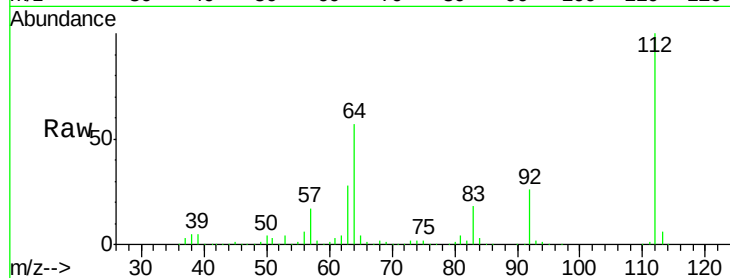
Tgt Ion: 112 Resp: 517178

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

63 28.1 23.7 35.5



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

600000

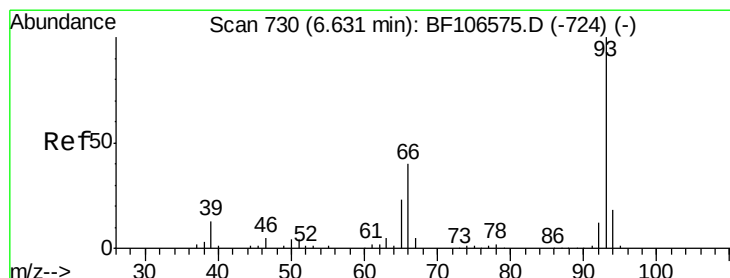
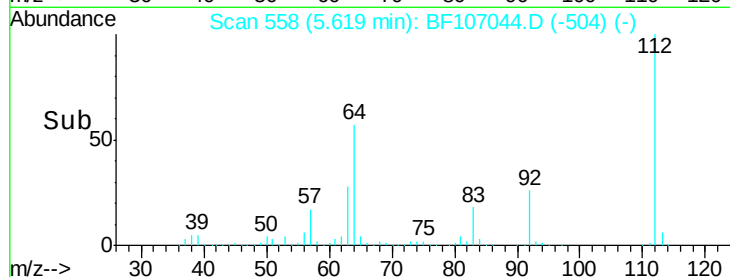
400000

200000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#6

Aniline

Concen: 13.106 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

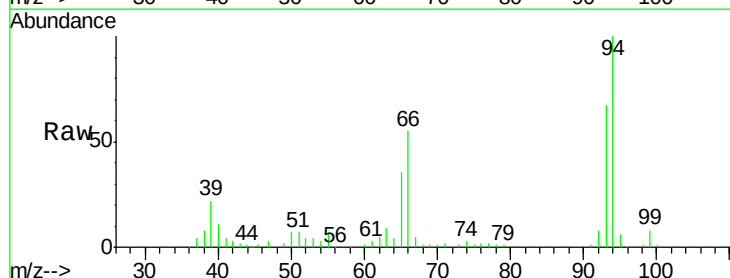
Tgt Ion: 93 Resp: 100113

Ion Ratio Lower Upper

93 100

66 81.6 32.2 48.2#

65 53.0 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

300000

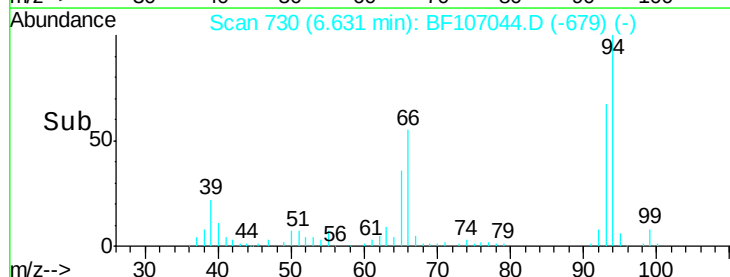
200000

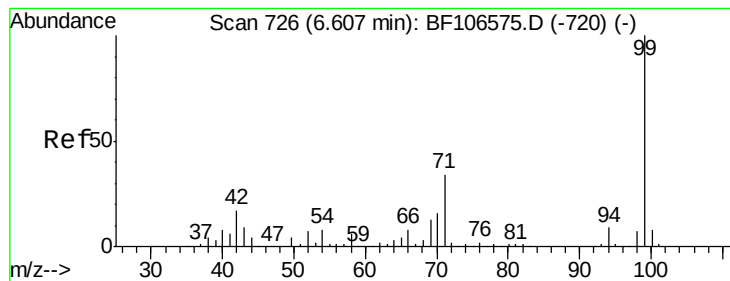
100000

0

6.60 6.65

Time-->





#7

Phenol-d6

Concen: 106.068 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

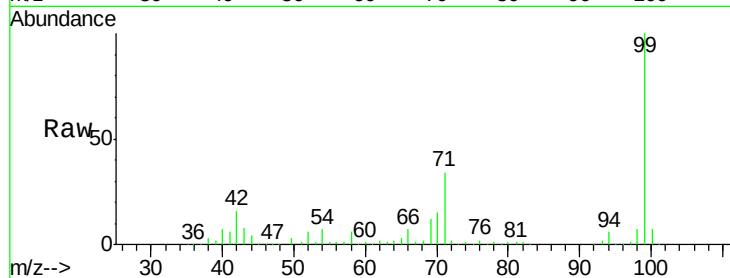
Tgt Ion: 99 Resp: 597313

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

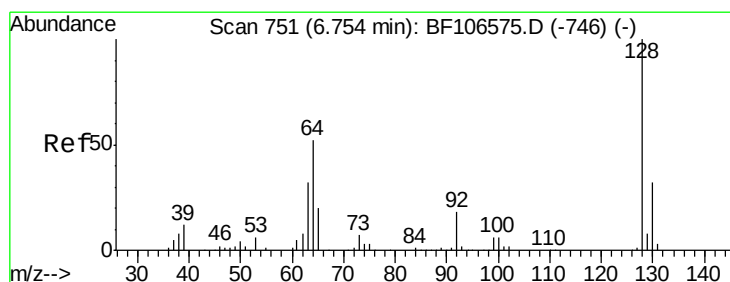
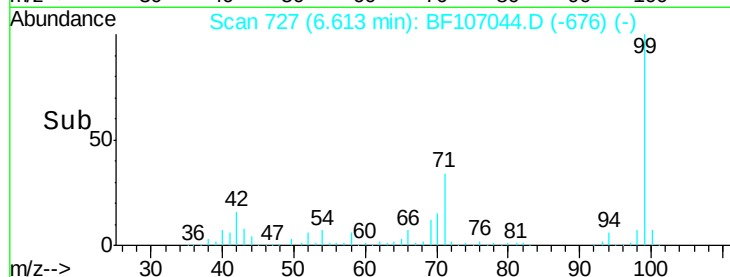
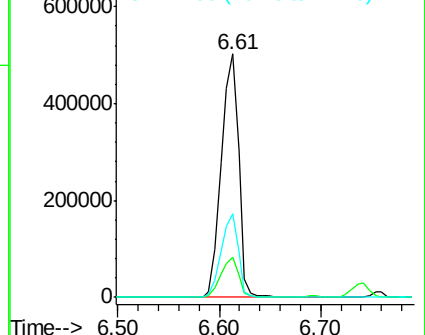
71 34.1 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.646 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

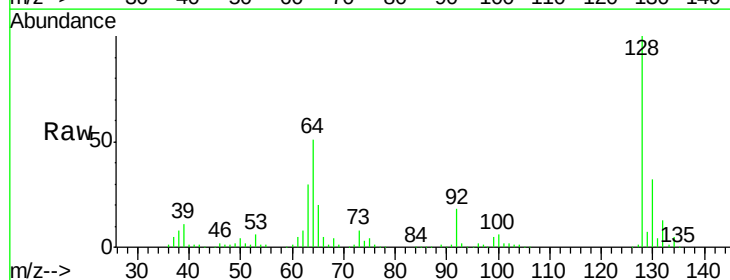
Tgt Ion: 128 Resp: 205981

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

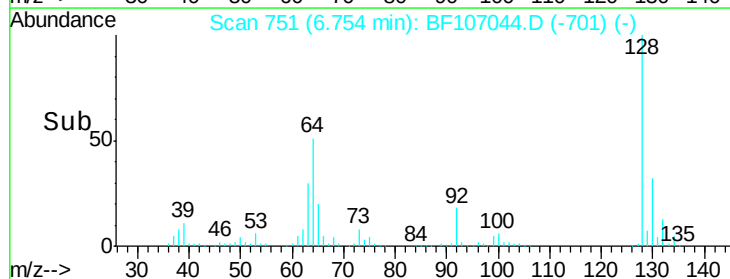
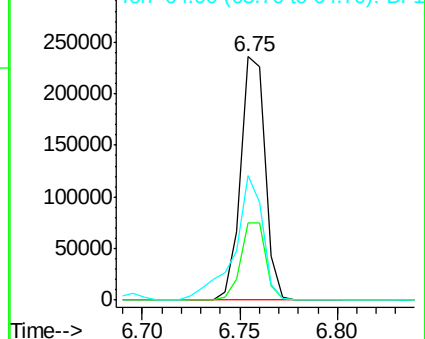
64 50.9 29.4 69.4

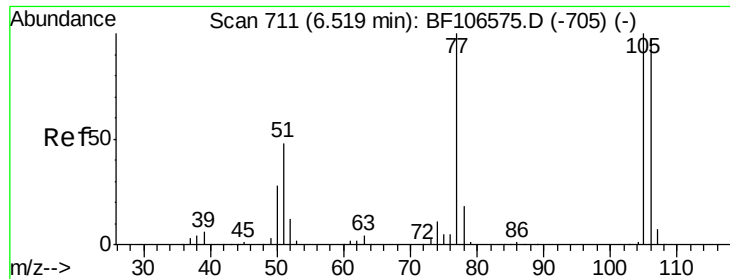


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

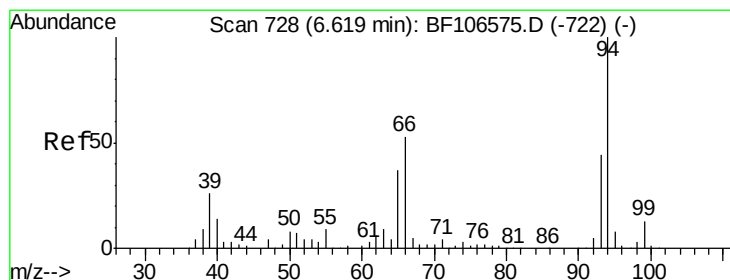
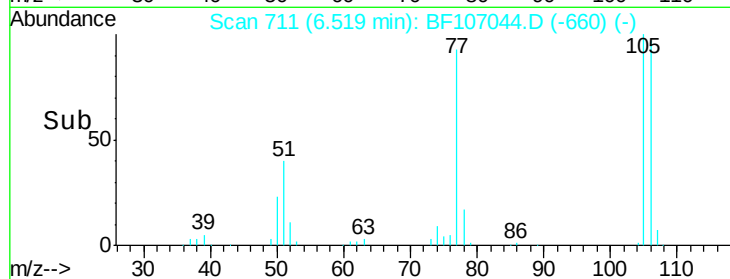
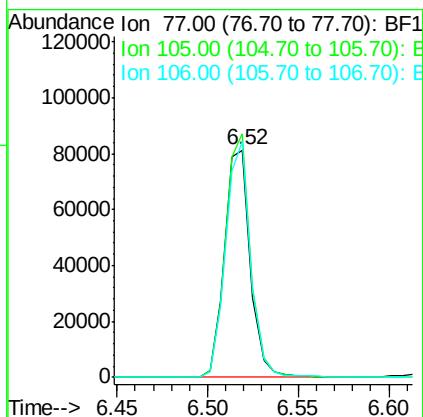
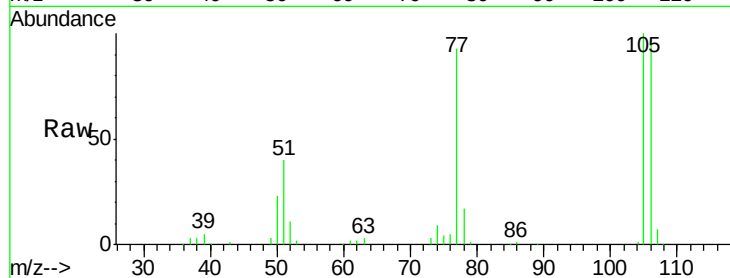




#9
Benzaldehyde
Concen: 18.195 ng
RT: 6.52 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

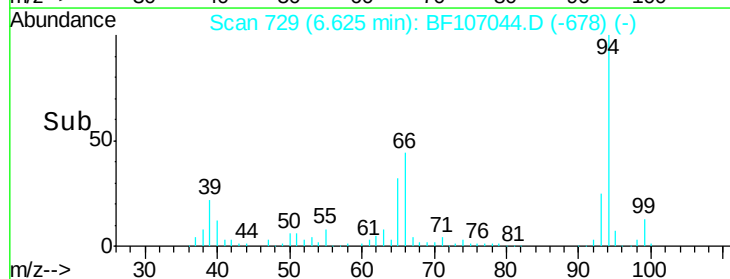
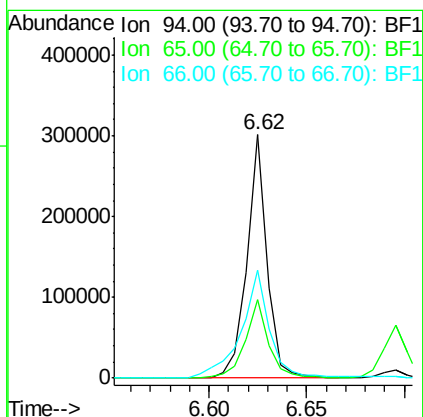
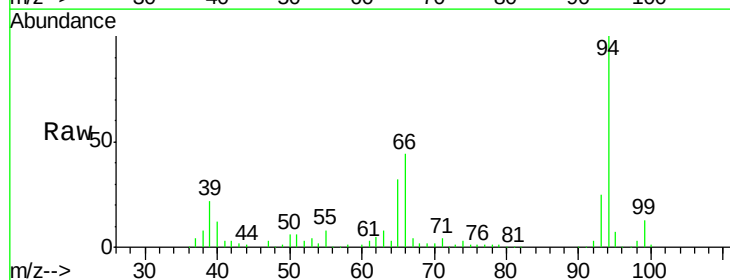
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

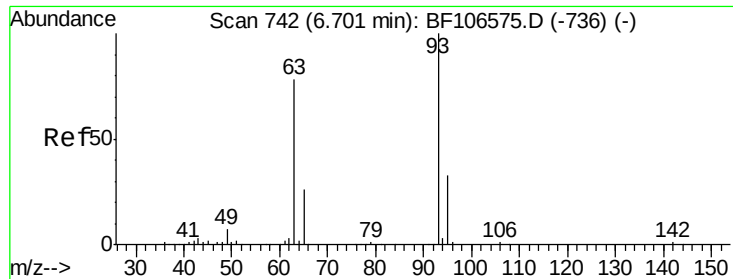
Tgt Ion: 77 Resp: 80819
Ion Ratio Lower Upper
77 100
105 107.0 81.1 121.1
106 103.8 74.5 114.5



#10
Phenol
Concen: 33.687 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion: 94 Resp: 216498
Ion Ratio Lower Upper
94 100
65 32.1 7.9 47.9
66 44.2 16.2 56.2

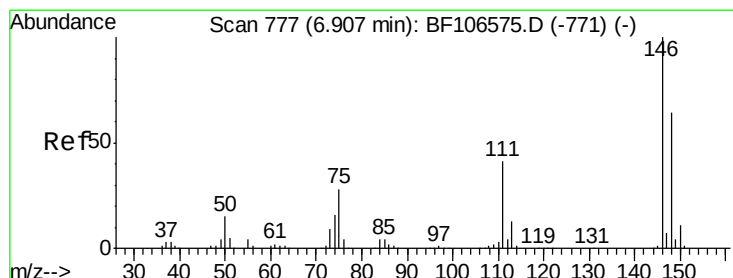
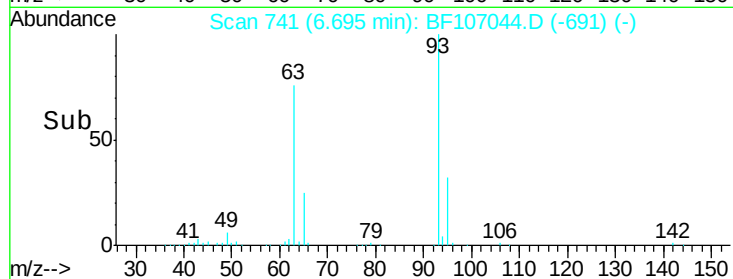
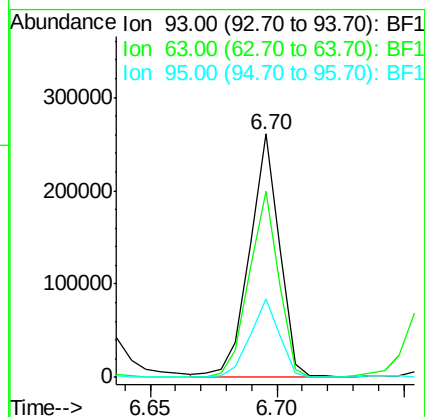
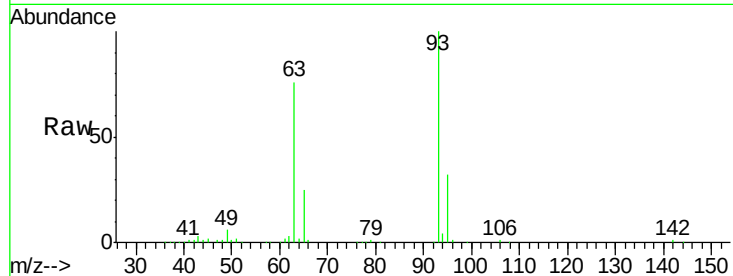




#11
bis(2-Chloroethyl)ether
Concen: 40.160 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

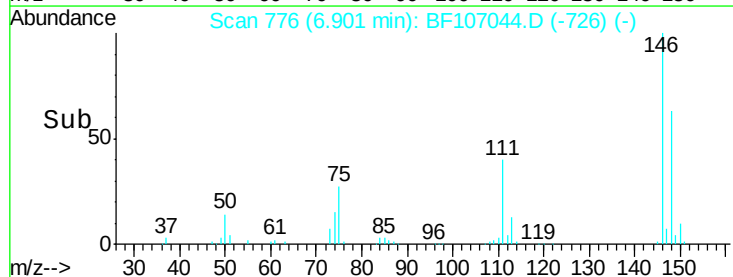
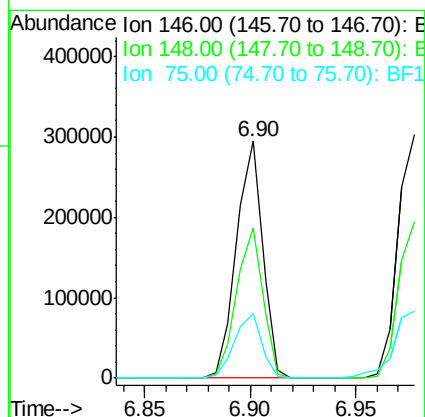
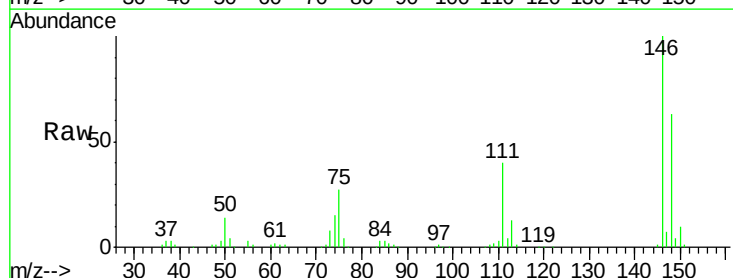
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

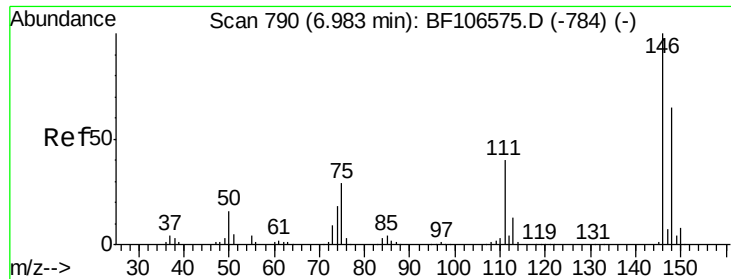
Tgt Ion: 93 Resp: 213076
Ion Ratio Lower Upper
93 100
63 76.5 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.678 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion: 146 Resp: 253025
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.8
75 27.3 24.2 36.4

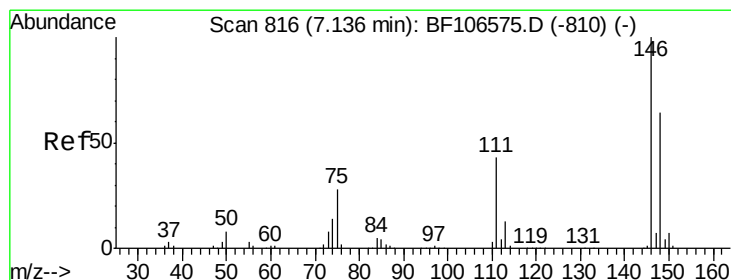
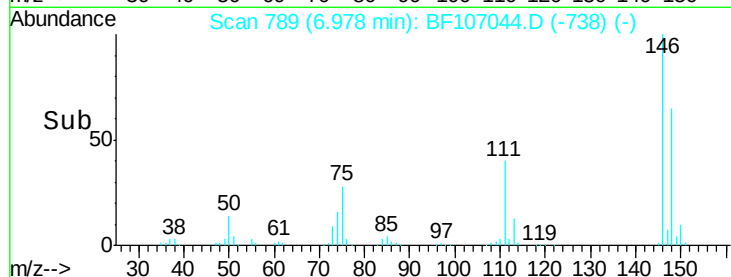
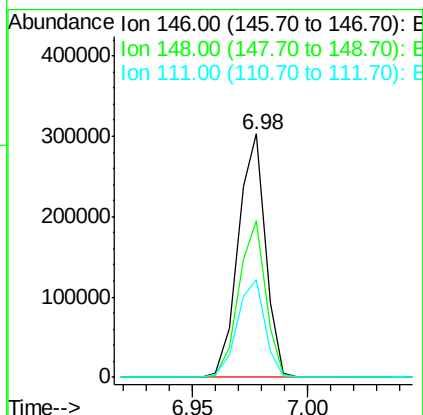
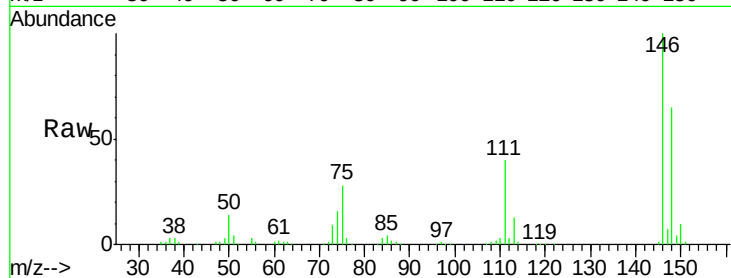




#13
 1,4-Dichlorobenzene
 Concen: 42.598 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

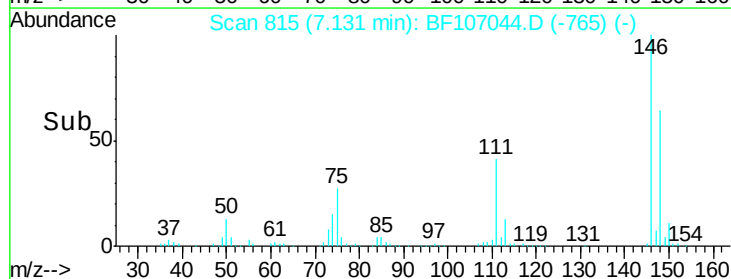
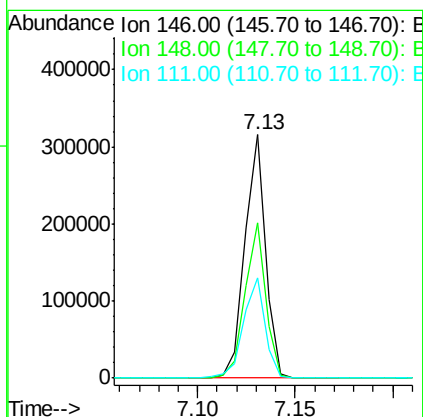
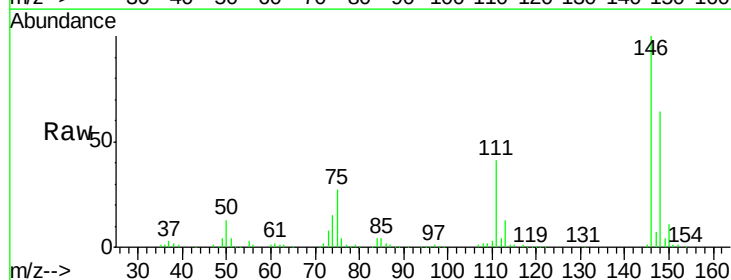
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

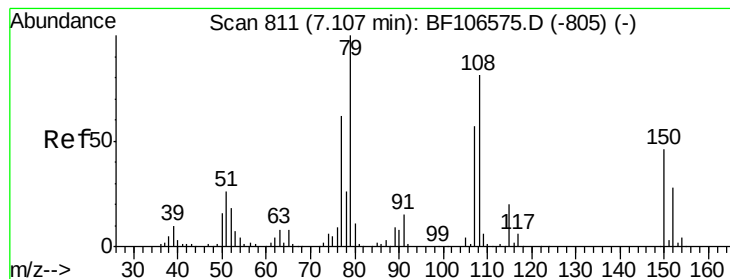
Tgt Ion:146 Resp: 249480
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 39.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.281 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:146 Resp: 232307
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 41.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.498 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

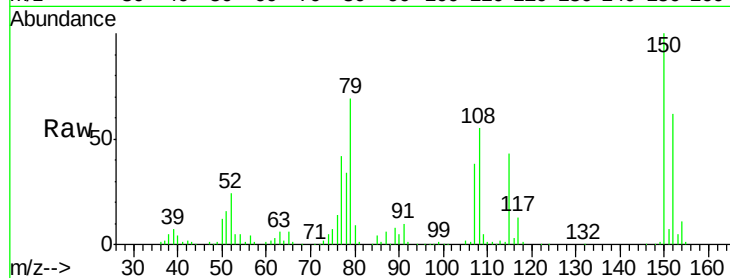
Tgt Ion: 79 Resp: 169560

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

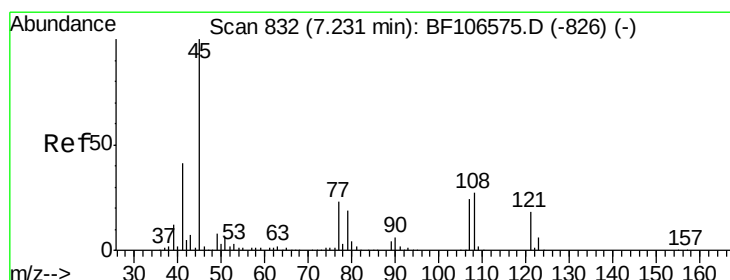
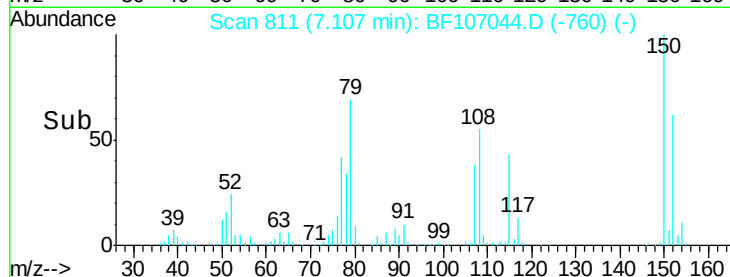
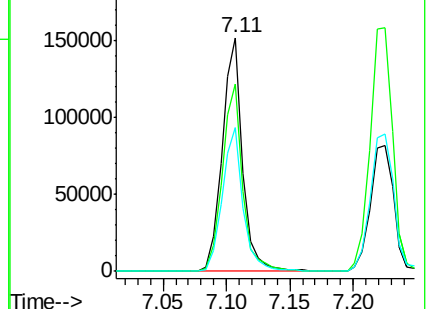
77 61.6 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.241 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

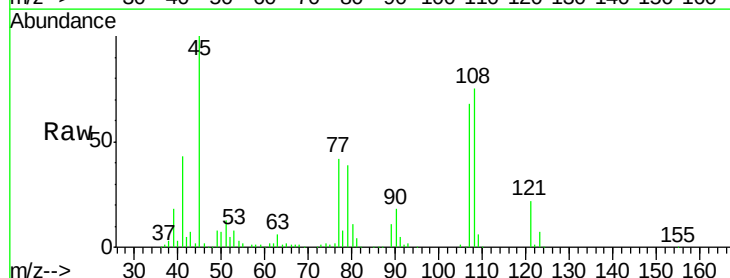
Tgt Ion: 45 Resp: 287086

Ion Ratio Lower Upper

45 100

77 42.2 0.0 32.9#

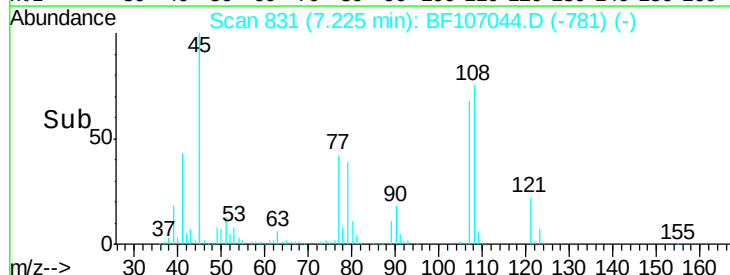
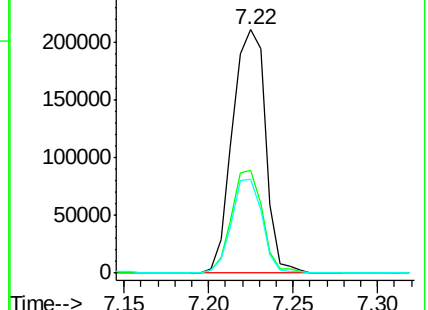
79 38.8 0.0 29.6#

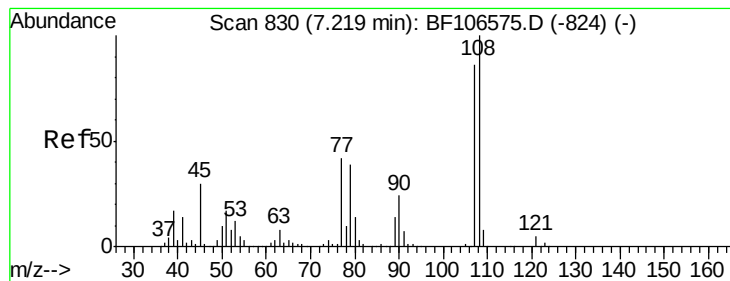


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.880 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

Tgt Ion:107 Resp: 173030

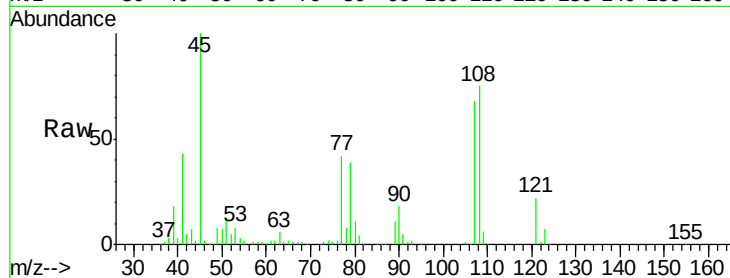
Ion Ratio Lower Upper

107 100

108 110.2 91.7 137.5

77 61.9 33.8 50.8#

79 57.0 33.8 50.8#



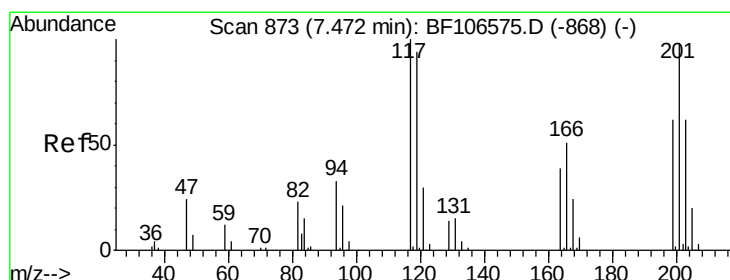
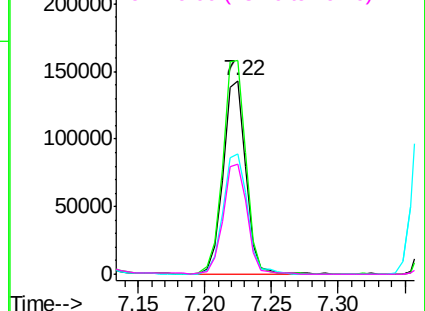
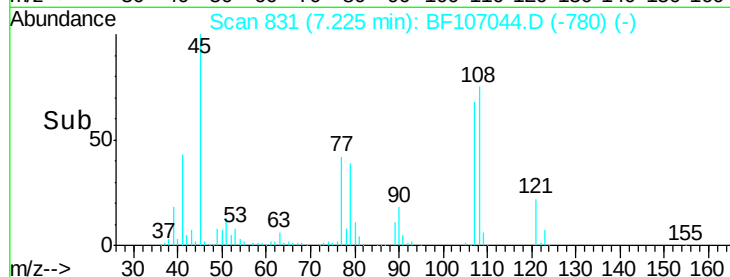
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.537 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

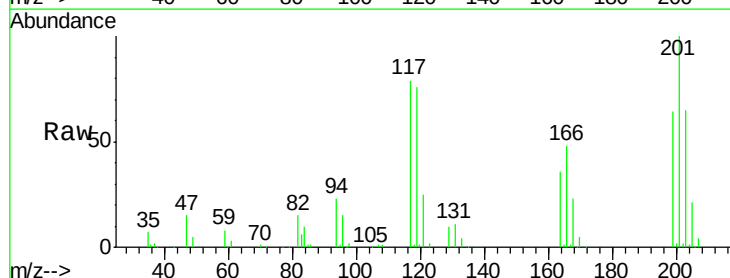
Tgt Ion:117 Resp: 77308

Ion Ratio Lower Upper

117 100

119 97.2 75.8 113.8

201 127.2 75.7 113.5#

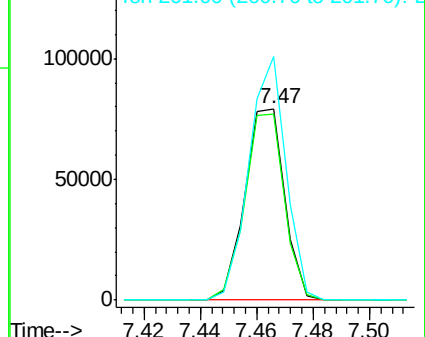
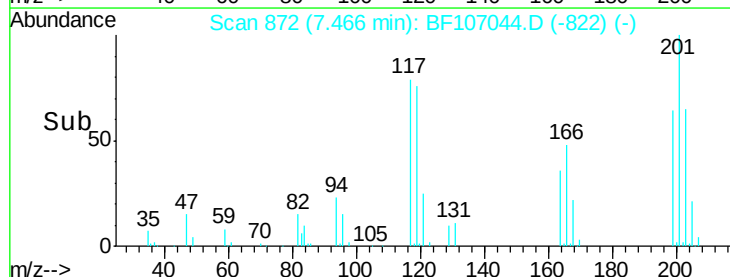


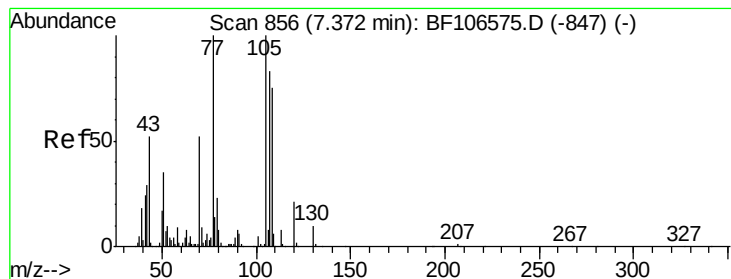
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.550 ng

RT: 7.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

Tgt Ion: 70 Resp: 143100

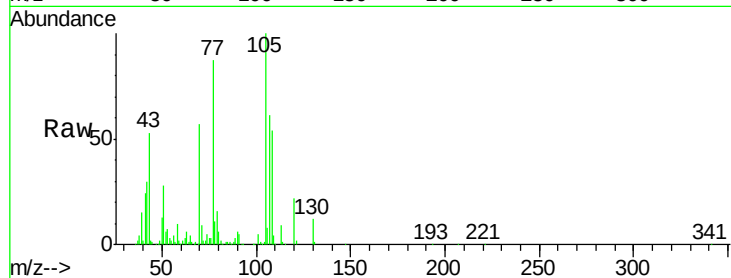
Ion Ratio Lower Upper

70 100

42 53.3 47.5 71.3

101 9.5 7.4 11.2

130 21.1 16.6 25.0



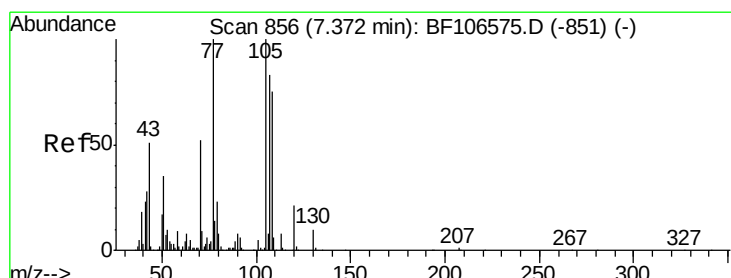
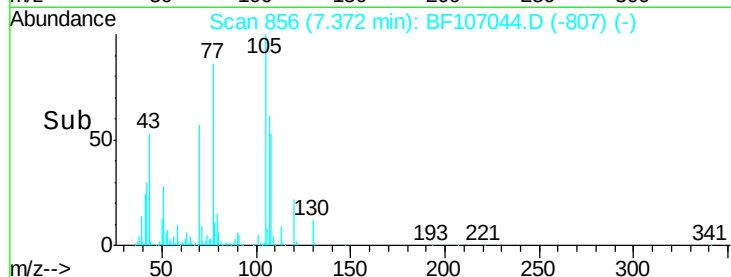
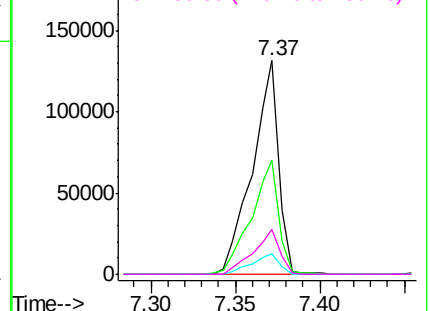
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 47.986 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Tgt Ion: 107 Resp: 215182

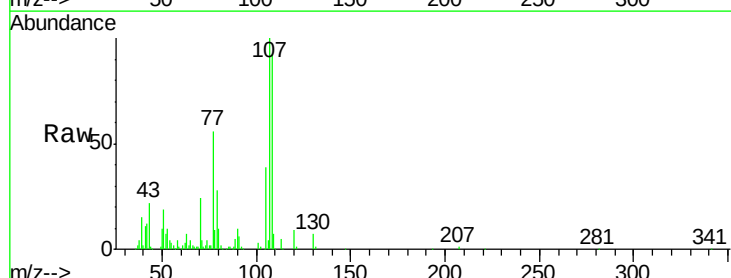
Ion Ratio Lower Upper

107 100

108 92.2 68.2 108.2

77 56.0 26.7 66.7

79 27.6 6.3 46.3



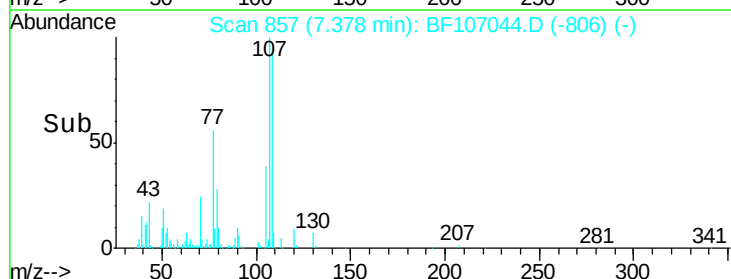
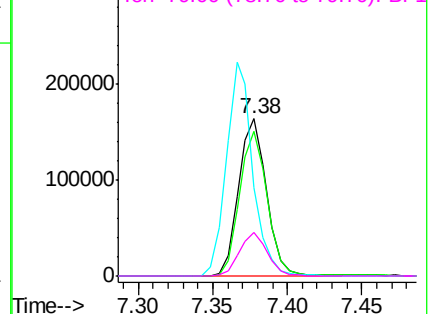
Abundance

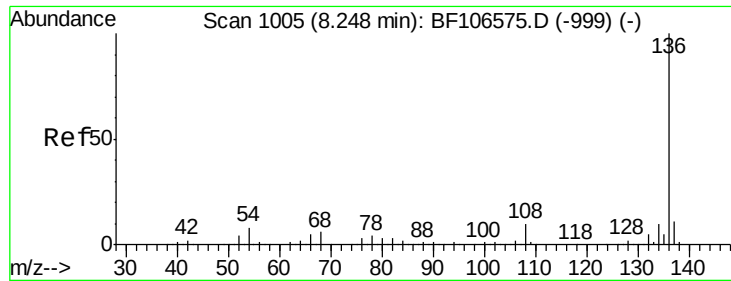
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

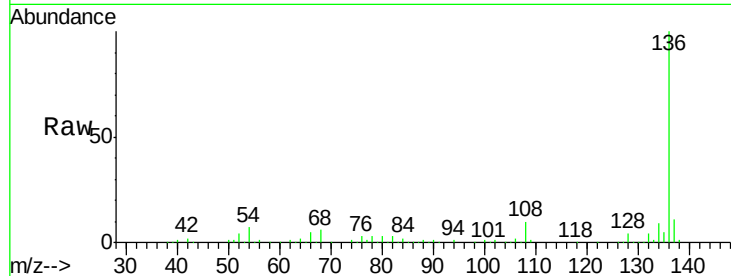




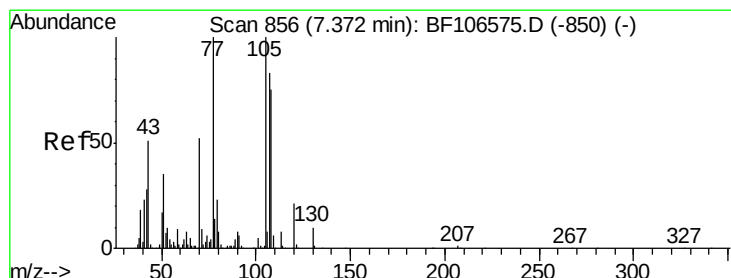
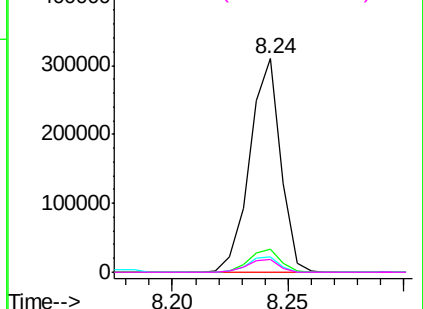
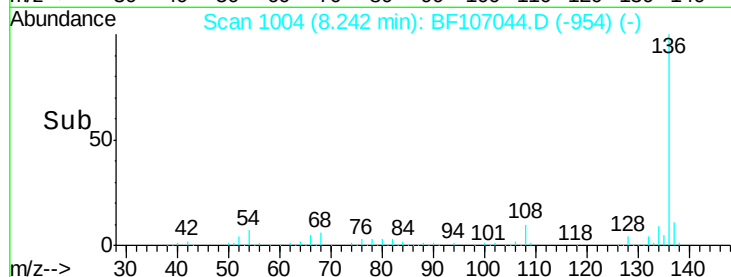
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

Tgt Ion:	136	Resp:	289447
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.2	6.6	9.8
68	5.7	5.0	7.4

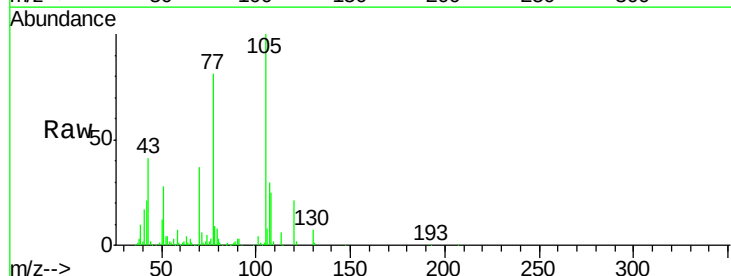


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

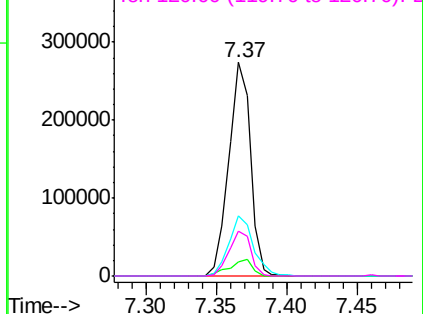
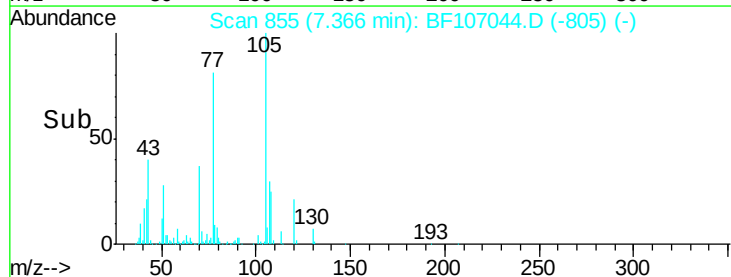


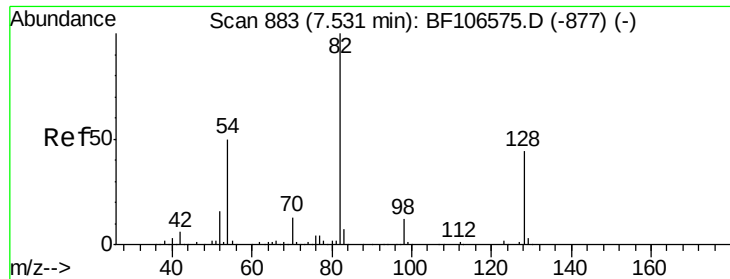
#22
Acetophenone
Concen: 45.279 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:	105	Resp:	293214
Ion	Ratio	Lower	Upper
105	100		
71	6.5	4.4	6.6
51	28.1	22.3	33.5
120	21.1	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

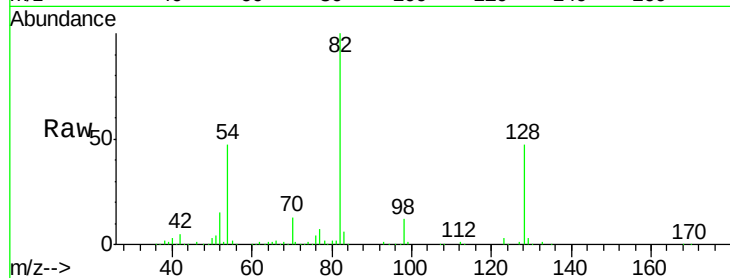




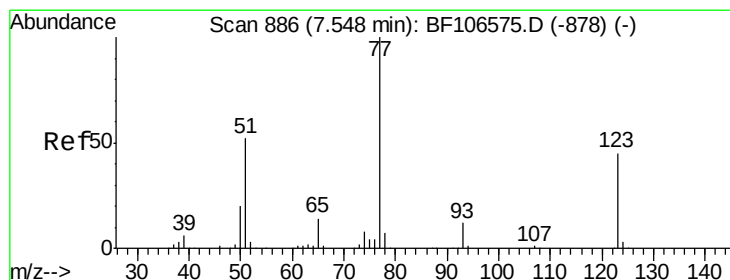
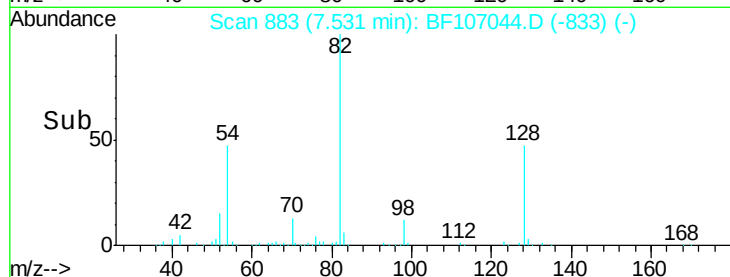
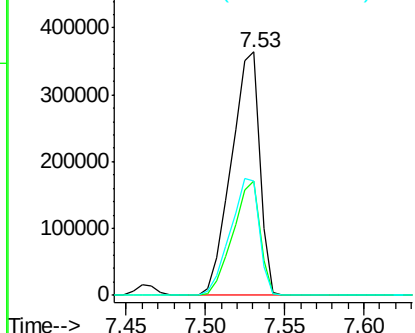
#23
 Nitrobenzene-d5
 Concen: 86.603 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	47.1	41.4	62.2

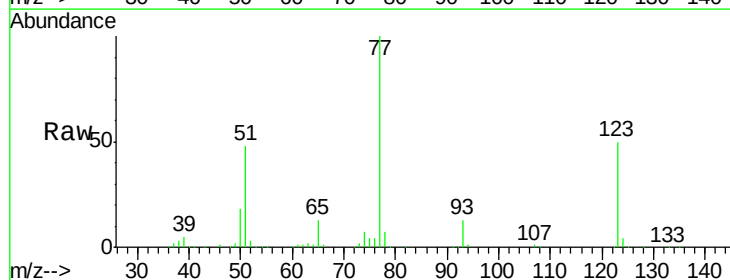


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

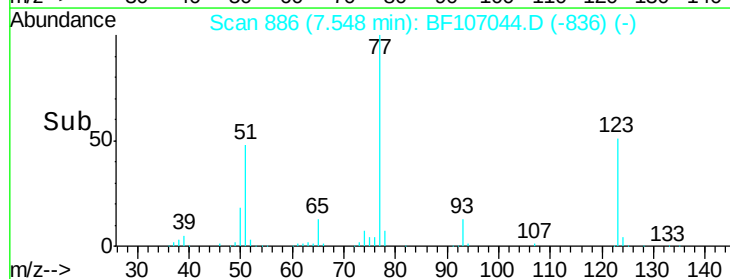
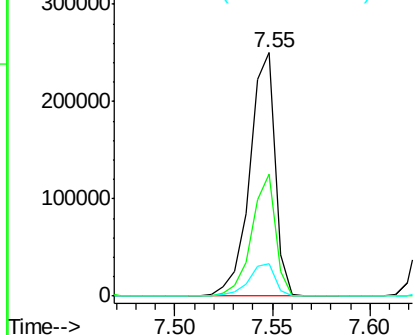


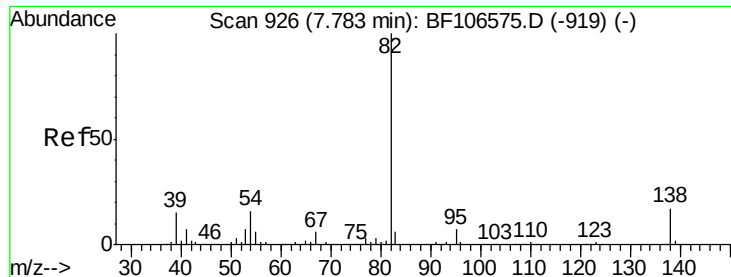
#24
 Nitrobenzene
 Concen: 42.350 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.4	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.310 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

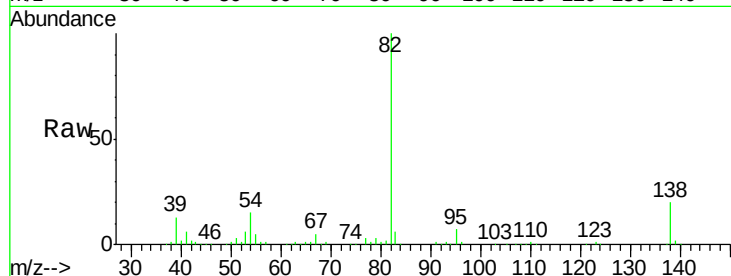
Tgt Ion: 82 Resp: 415846

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

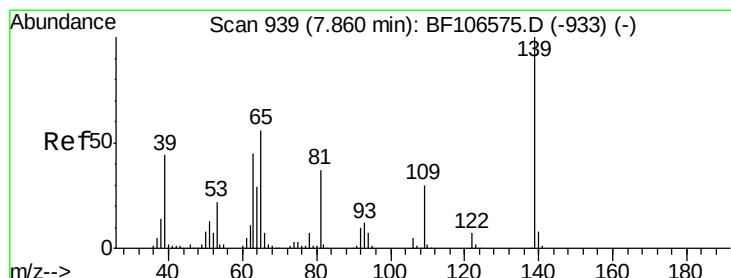
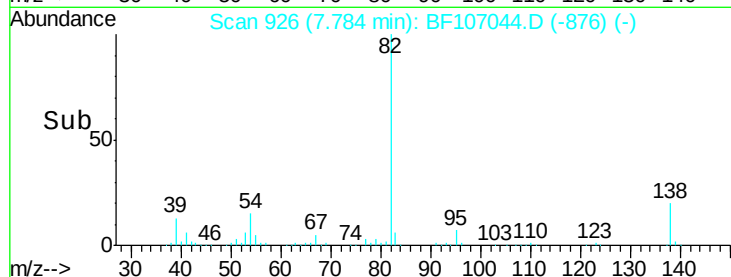
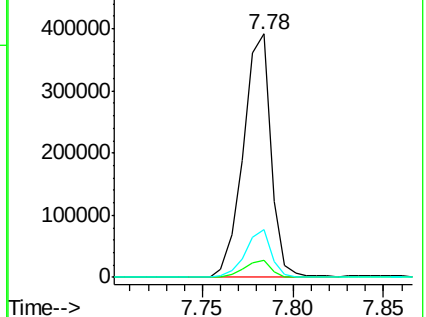
138 19.6 14.9 22.3



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



#26

2-Nitrophenol

Concen: 46.298 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

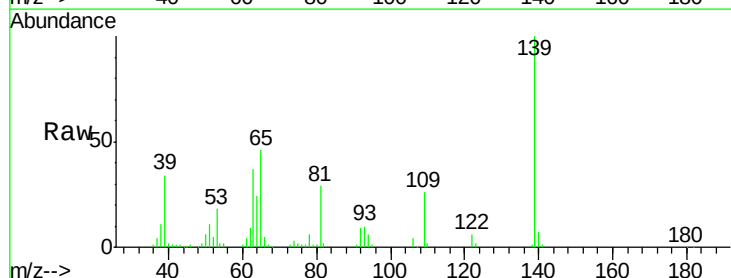
Tgt Ion: 139 Resp: 116218

Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

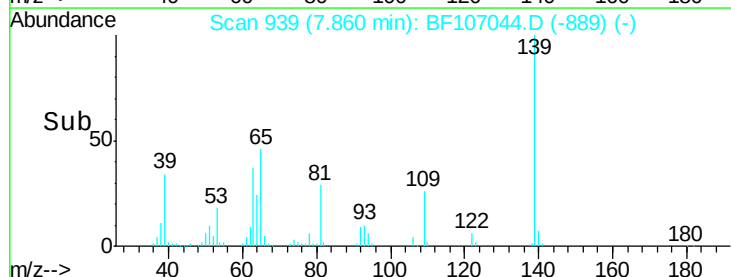
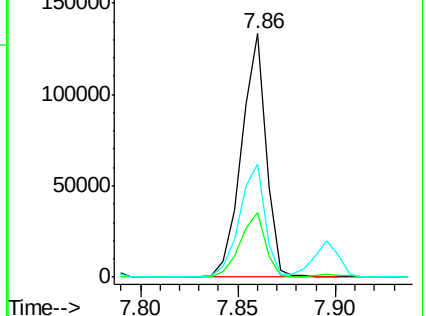
65 46.2 40.5 60.7

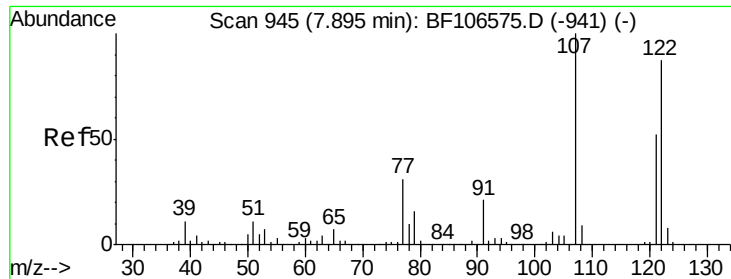


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

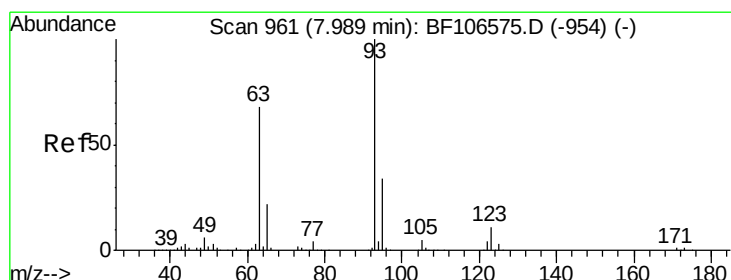
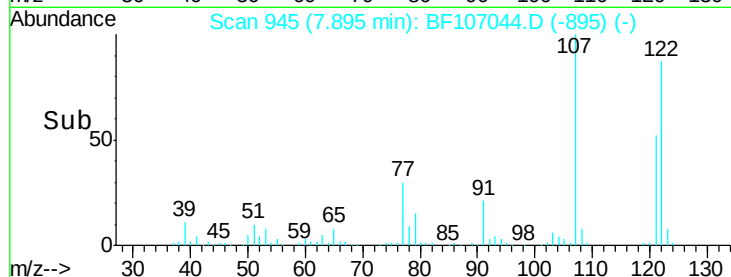
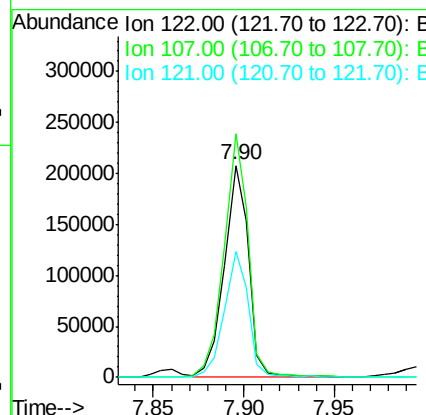
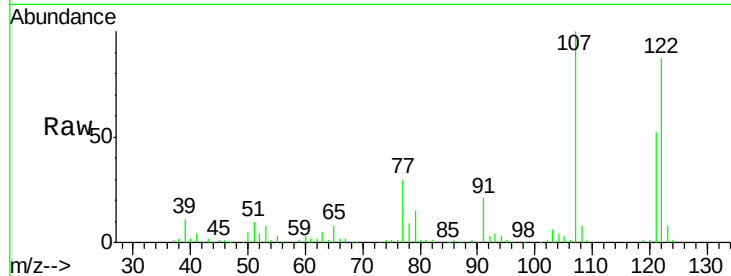




#27
 2,4-Dimethylphenol
 Concen: 49.967 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

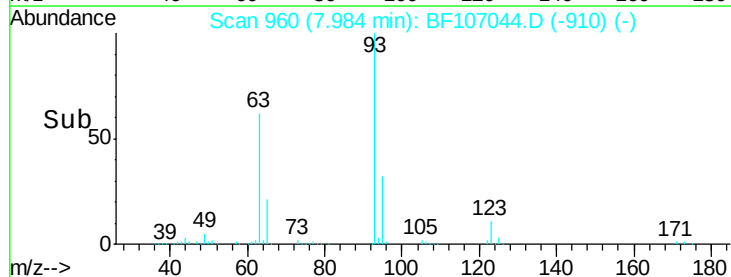
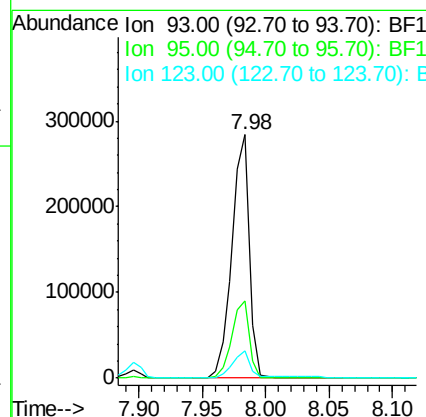
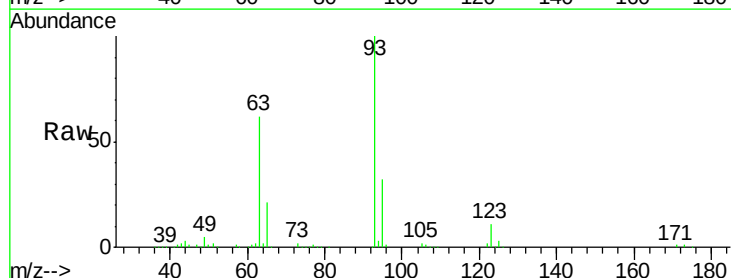
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

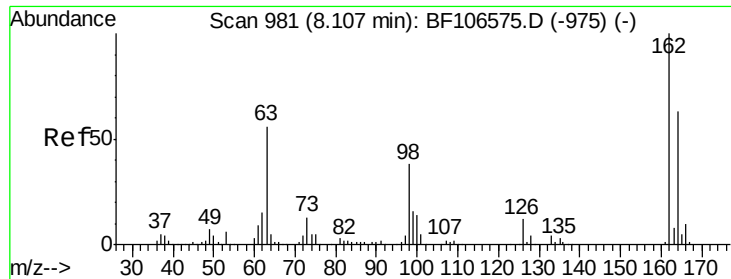
Tgt Ion: 122 Resp: 193868
 Ion Ratio Lower Upper
 122 100
 107 115.0 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.759 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion: 93 Resp: 269652
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 11.0 9.8 14.6

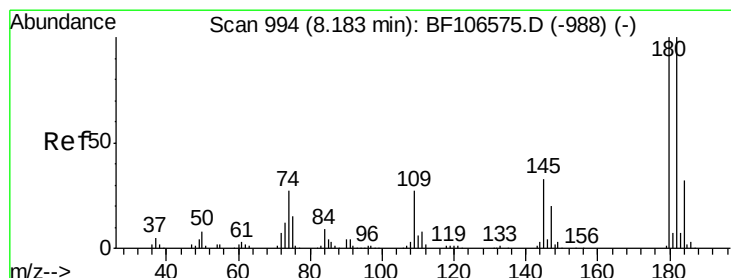
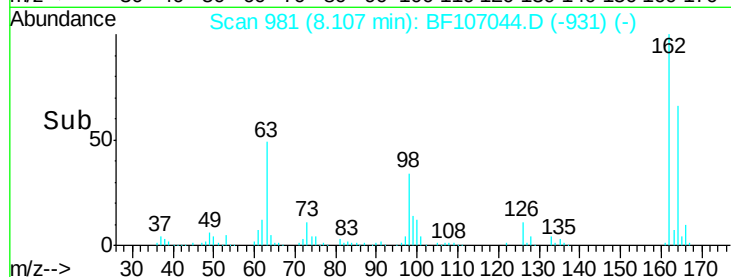
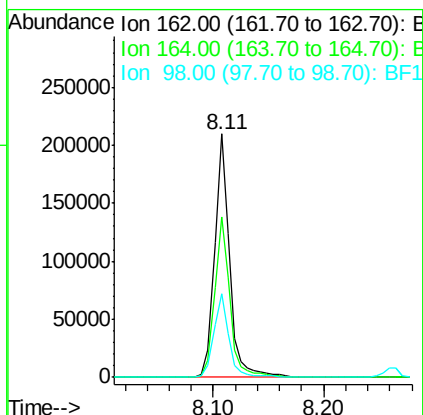
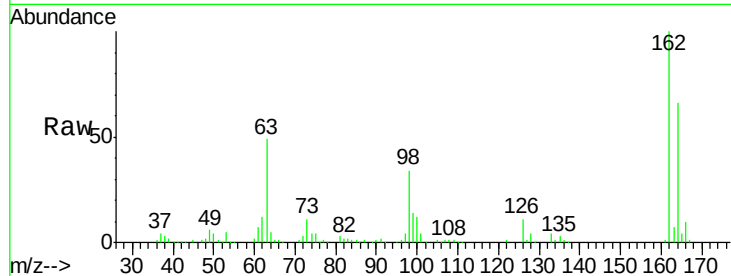




#29
2,4-Dichlorophenol
Concen: 48.198 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

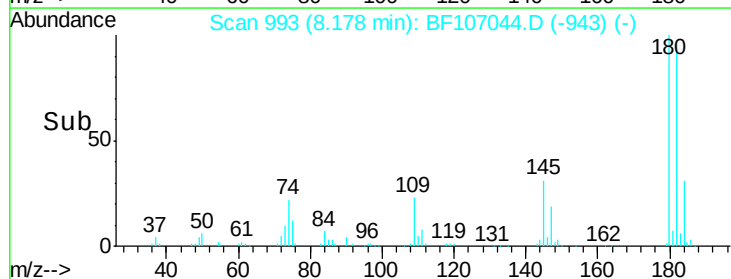
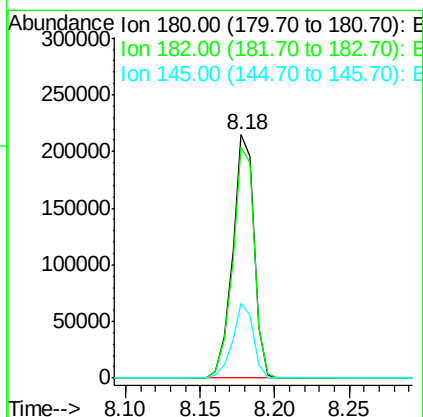
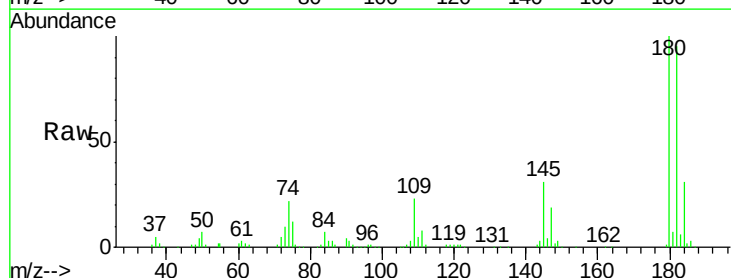
Instrument :
BNA_F
ClientSampleId :
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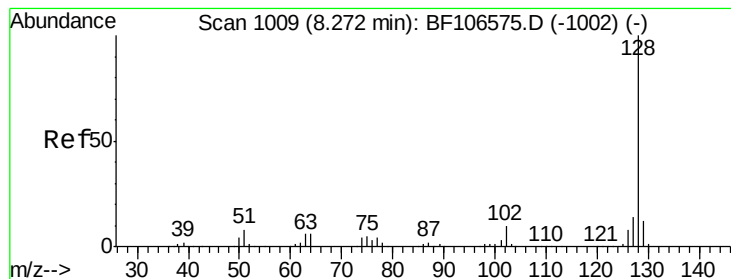
Tgt Ion:162 Resp: 195783
Ion Ratio Lower Upper
162 100
164 65.8 42.7 82.7
98 34.4 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 48.620 ng
RT: 8.18 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:180 Resp: 217568
Ion Ratio Lower Upper
180 100
182 94.5 76.8 115.2
145 30.8 26.5 39.7





#31

Naphthalene

Concen: 45.744 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

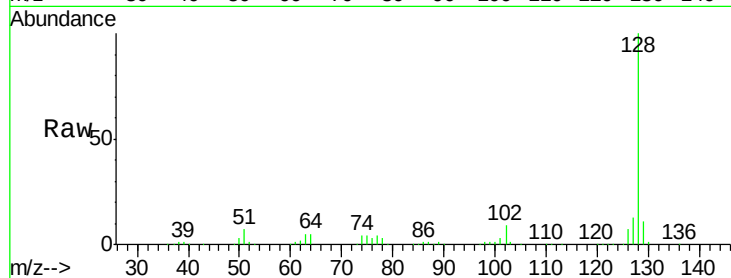
Tgt Ion:128 Resp: 619027

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

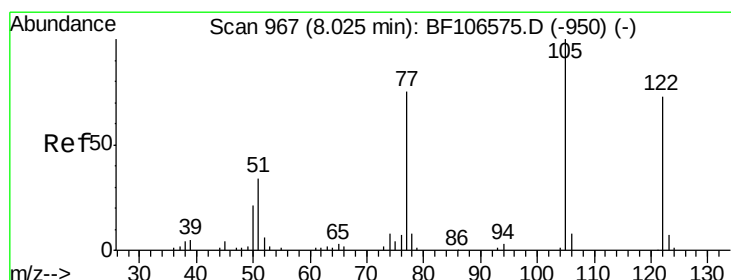
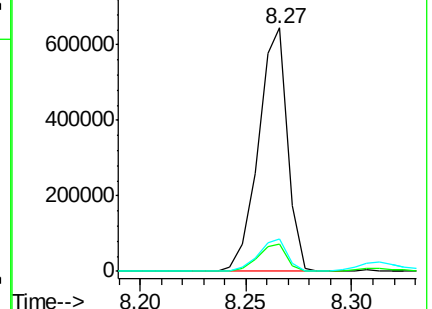
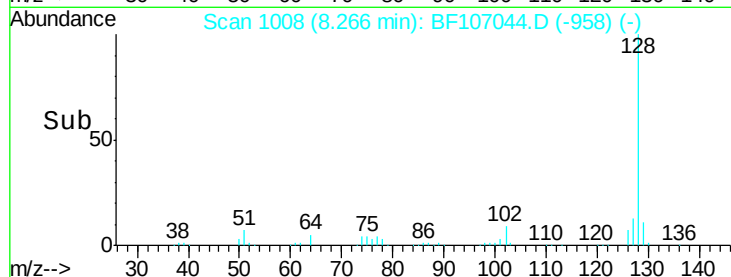
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.576 ng

RT: 8.04 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

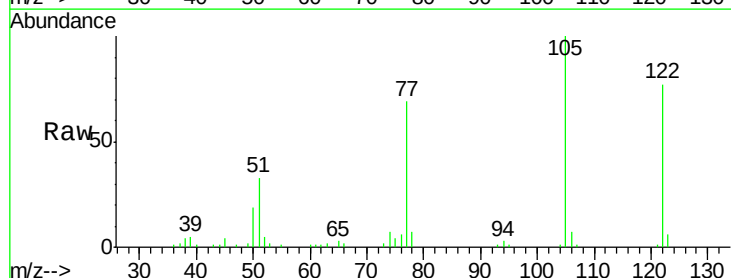
Tgt Ion:122 Resp: 86036

Ion Ratio Lower Upper

122 100

105 129.5 101.1 141.1

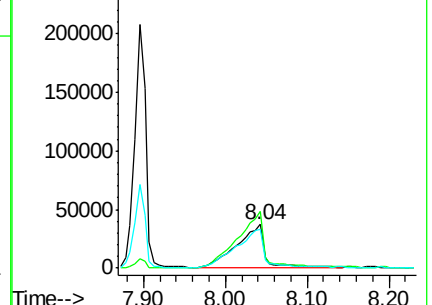
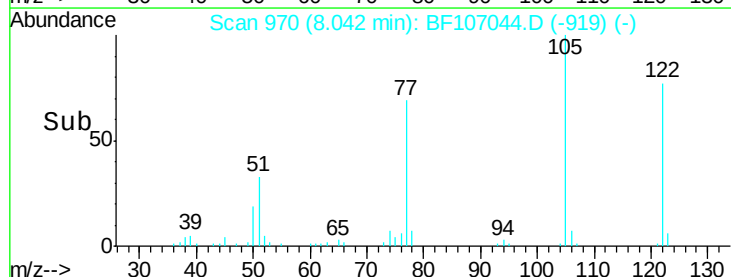
77 89.7 70.7 110.7

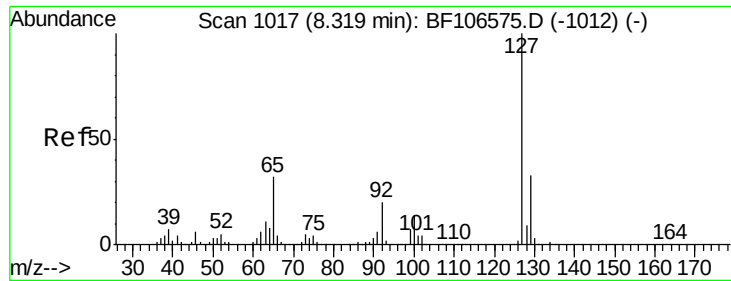


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

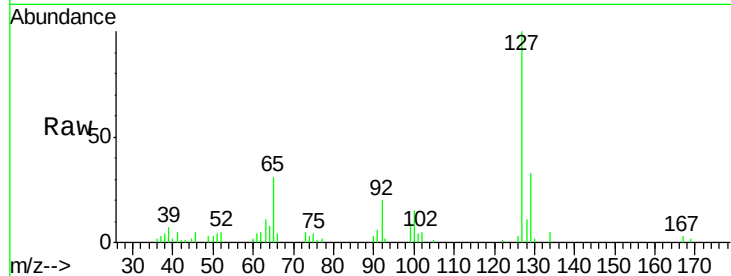




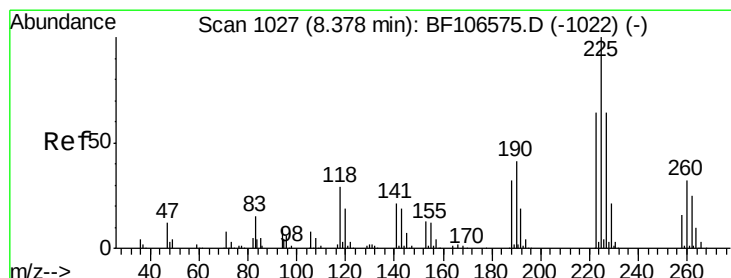
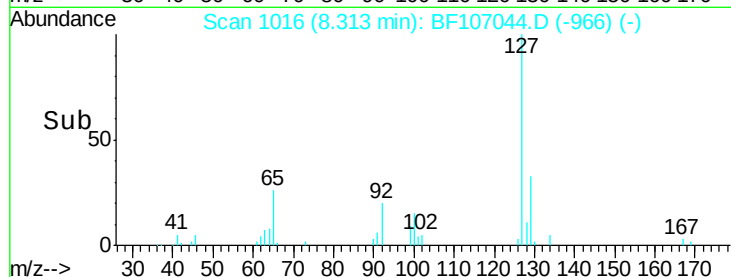
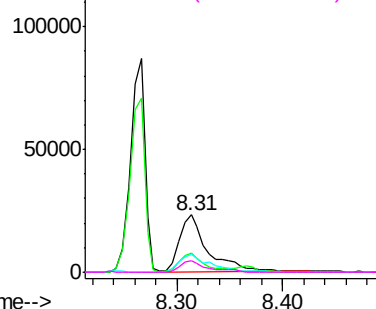
#33
4-Chloroaniline
Concen: 7.671 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

Tgt Ion:	127	Resp:	43555
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	30.8	25.0	37.4
92	20.1	15.2	22.8

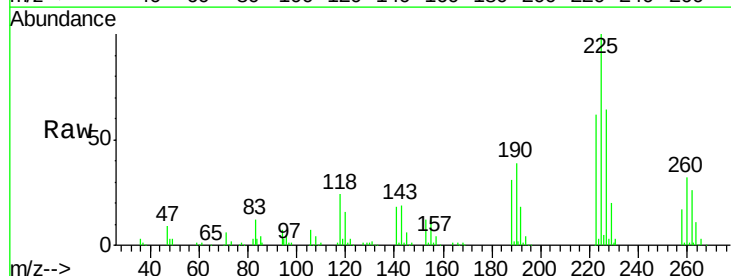


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

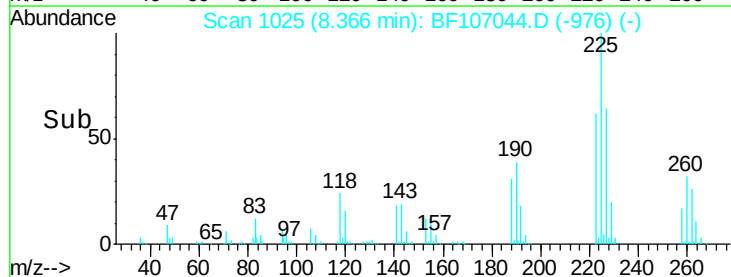
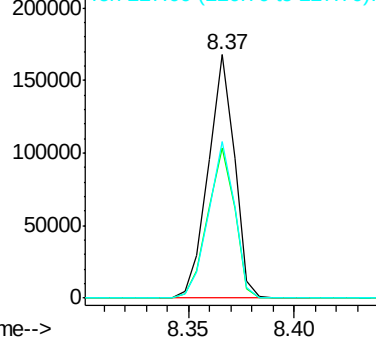


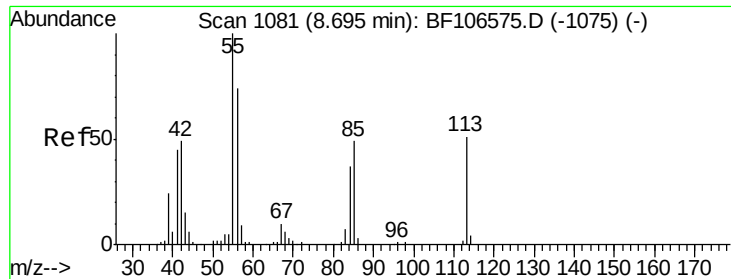
#34
Hexachlorobutadiene
Concen: 49.349 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:	225	Resp:	143890
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	64.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

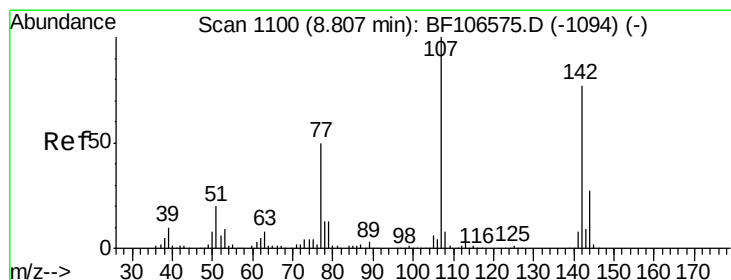
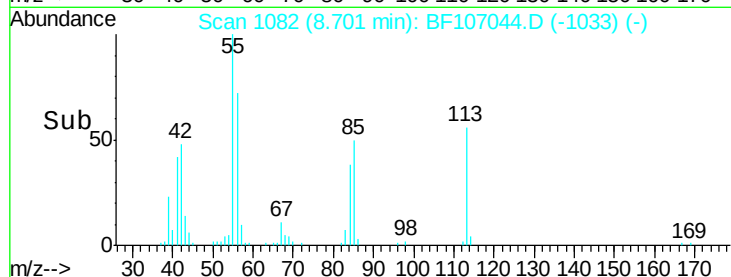
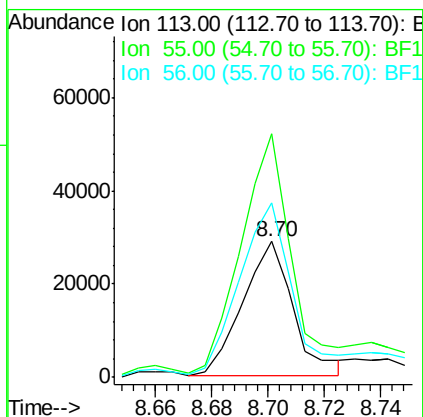
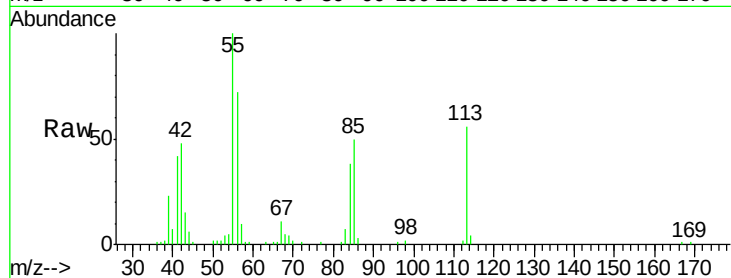




#35
 Caprolactam
 Concen: 27.011 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

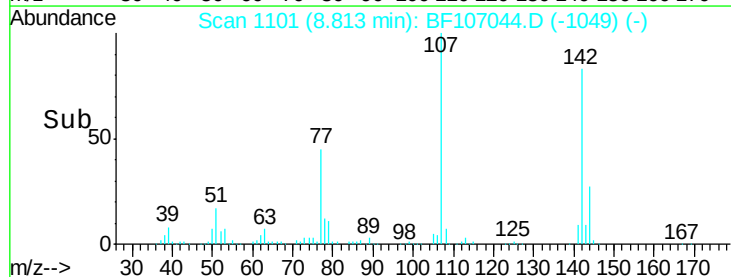
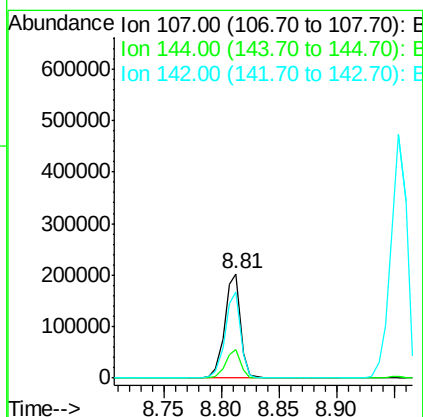
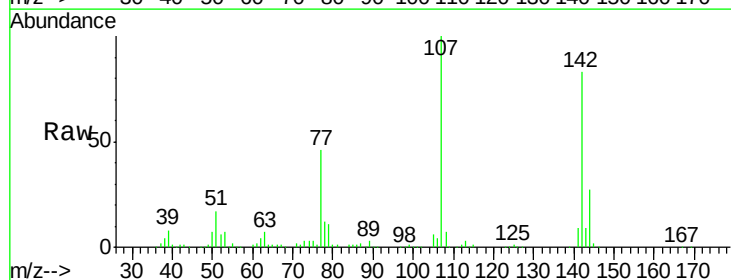
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

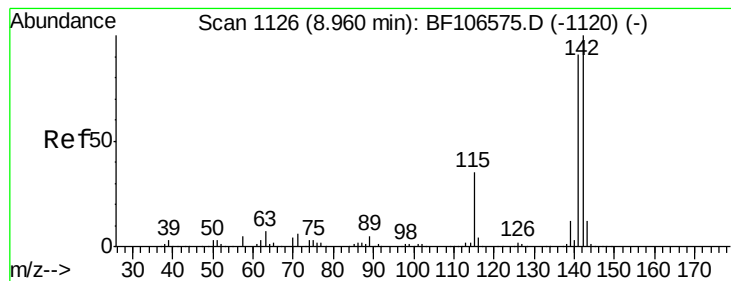
Tgt Ion:113 Resp: 35766
 Ion Ratio Lower Upper
 113 100
 55 179.6 163.3 203.3
 56 128.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.152 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:107 Resp: 193052
 Ion Ratio Lower Upper
 107 100
 144 27.1 20.5 30.7
 142 82.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 50.920 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

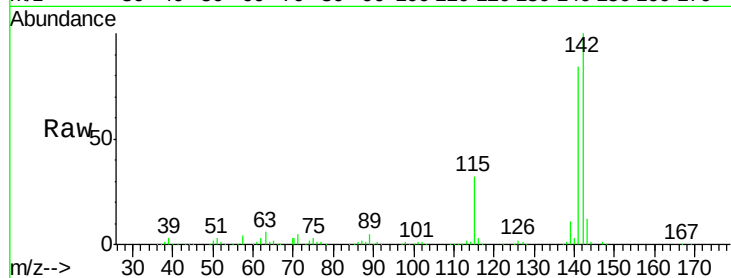
Tgt Ion:142 Resp: 456736

Ion Ratio Lower Upper

142 100

141 83.7 70.8 106.2

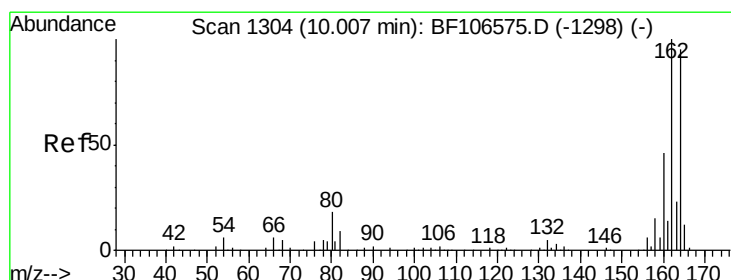
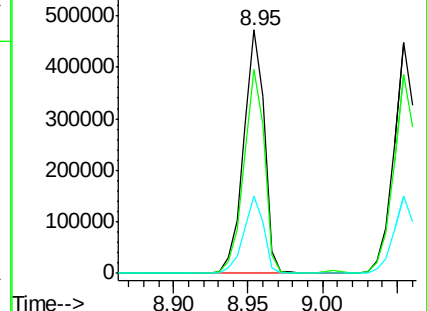
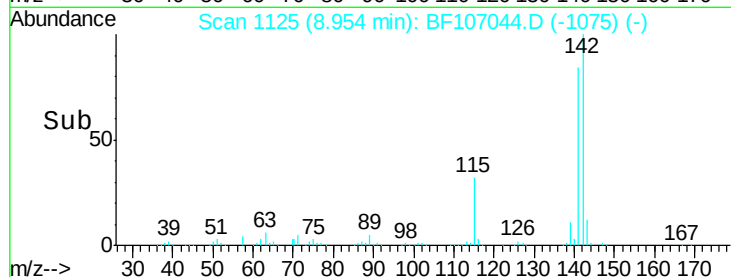
115 31.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

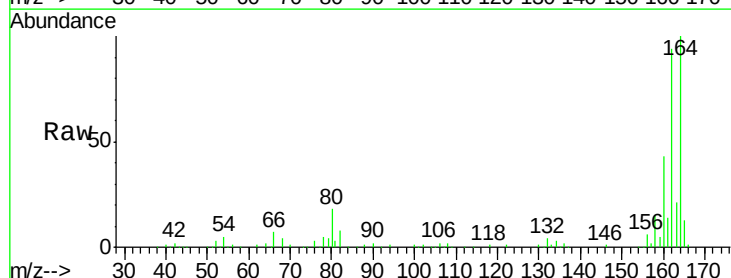
Tgt Ion:164 Resp: 144135

Ion Ratio Lower Upper

164 100

162 94.4 86.1 129.1

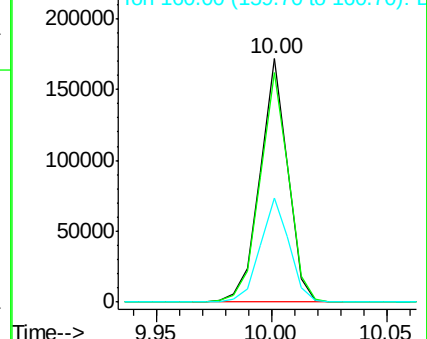
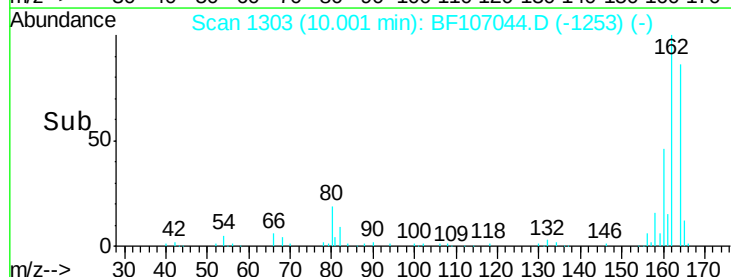
160 42.6 38.3 57.5

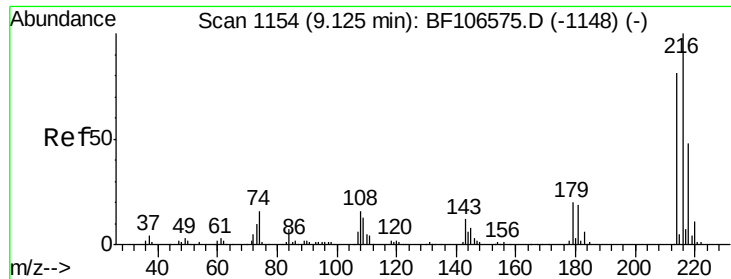


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

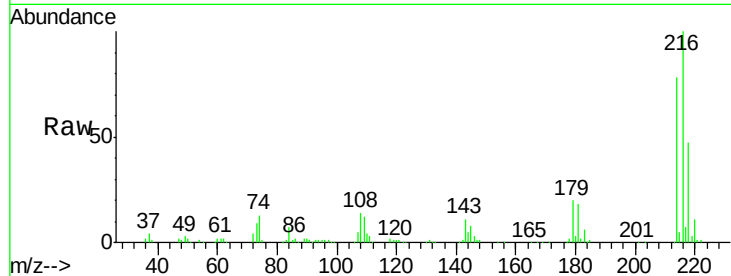




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.746 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.0	94.4
179	19.4	18.1	27.1
108	13.9	17.2	25.8

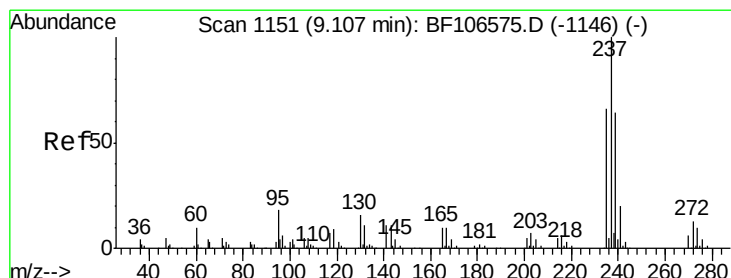
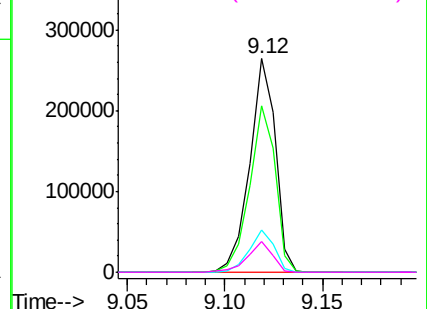
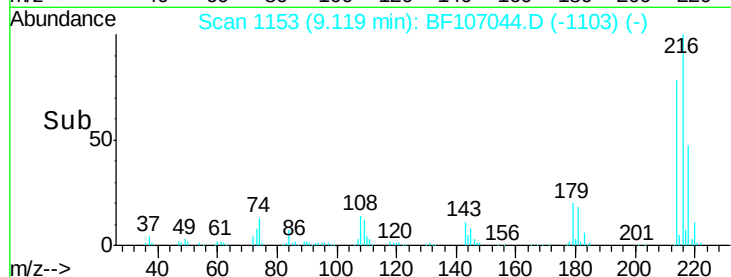


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

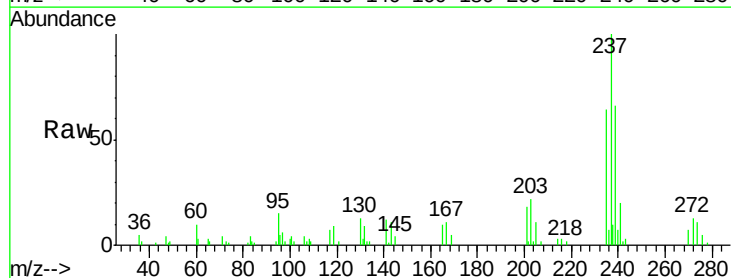
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 9.856 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

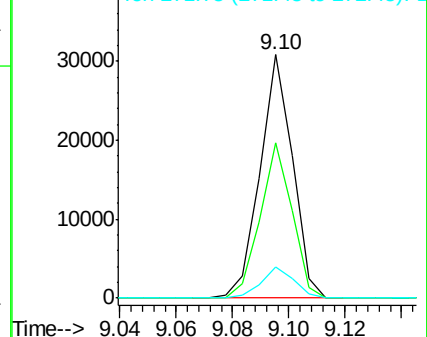
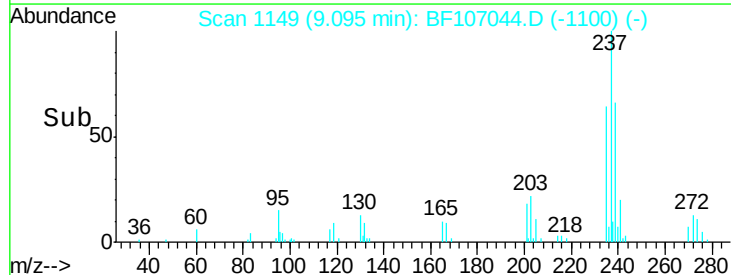
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	44.8	84.8
272	12.8	0.0	33.3

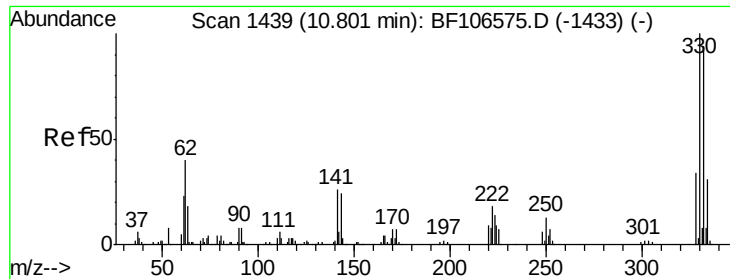


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

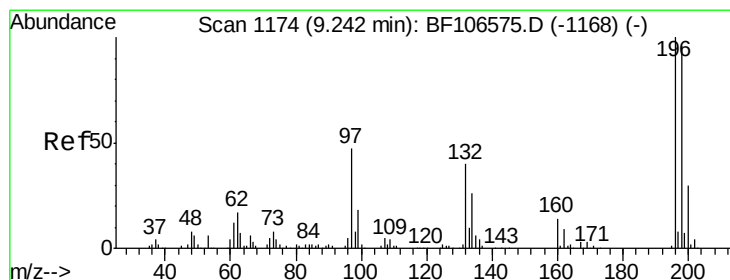
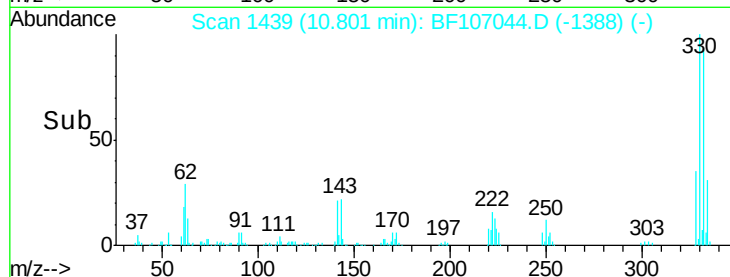
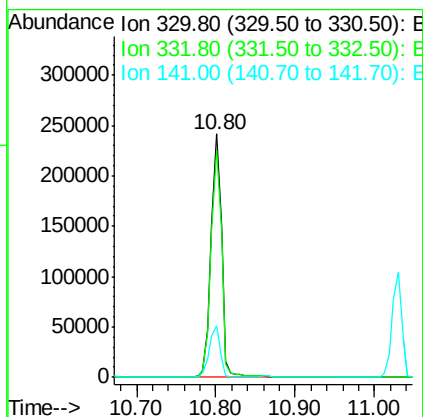
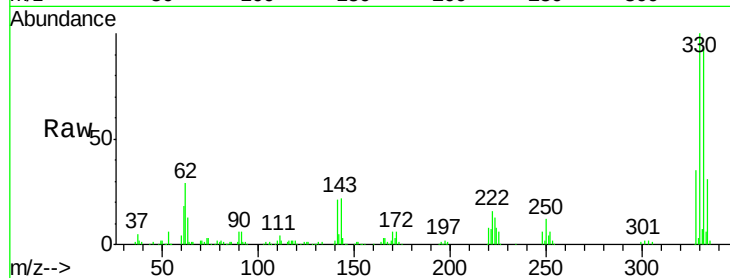




#41
 2,4,6-Tribromophenol
 Concen: 135.304 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

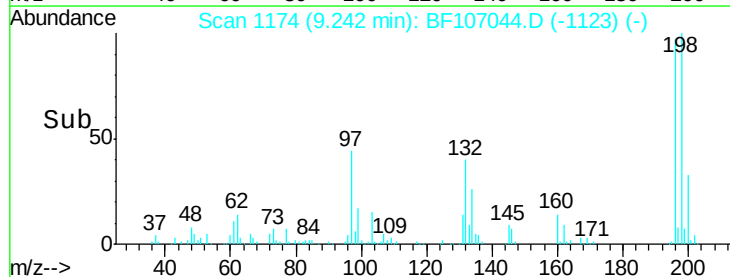
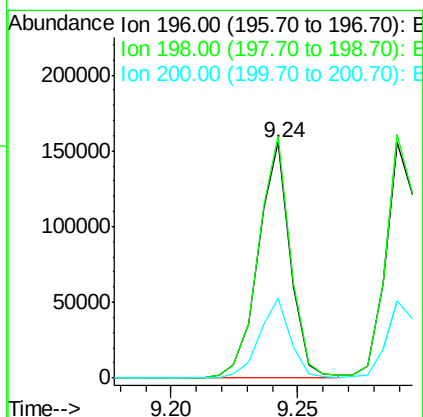
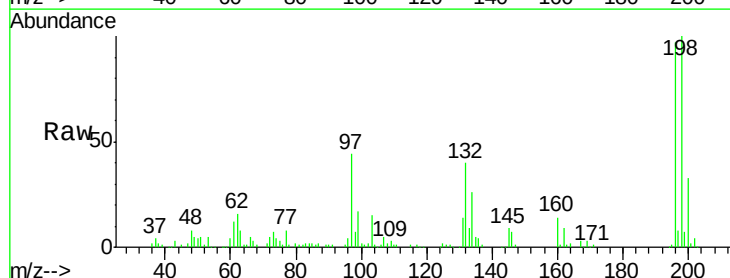
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

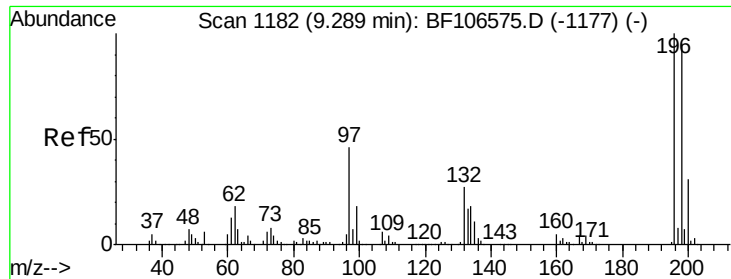
Tgt Ion:330 Resp: 226034
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 21.5 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 42.474 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:196 Resp: 137043
 Ion Ratio Lower Upper
 196 100
 198 103.1 75.7 113.5
 200 34.1 24.5 36.7

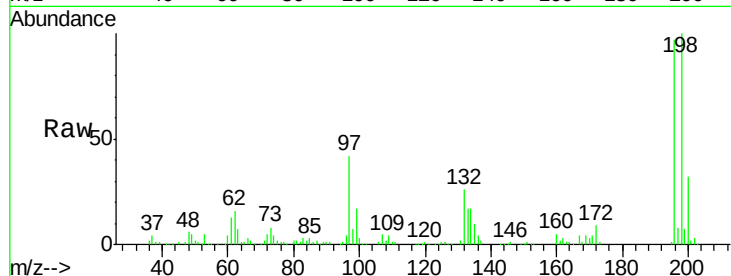




#43
 2,4,5-Trichlorophenol
 Concen: 42.696 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion	Resp	Lower	Upper
196	143750		
196	100		
198	103.2	74.6	112.0
97	43.6	42.9	64.3
132	27.1	26.3	39.5



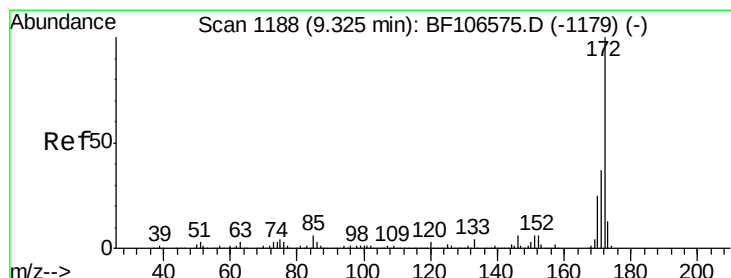
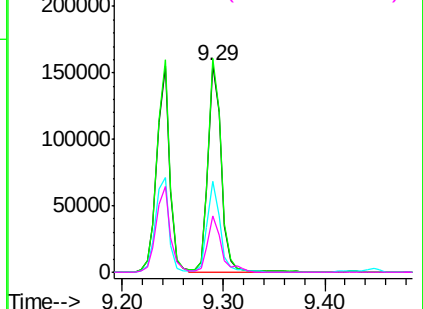
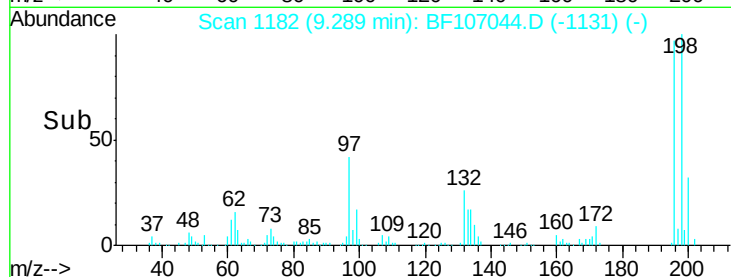
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

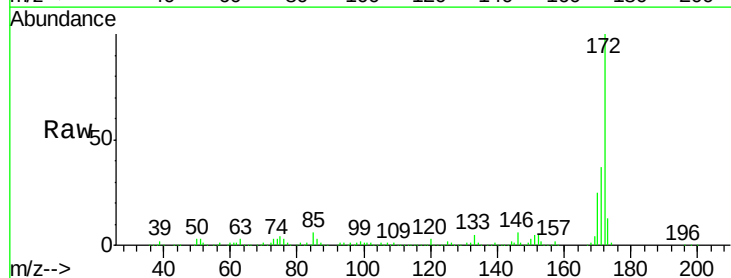
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.470 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion	Resp	Lower	Upper
172	832689		
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

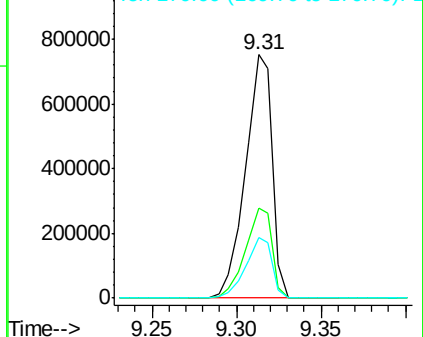
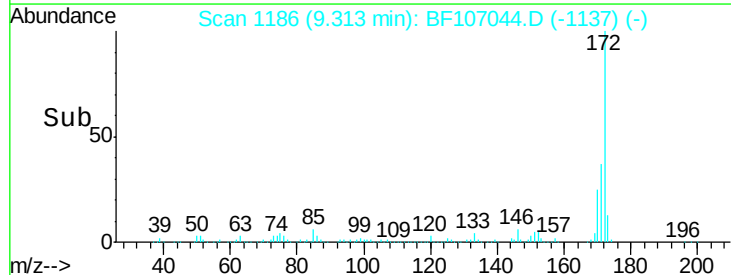


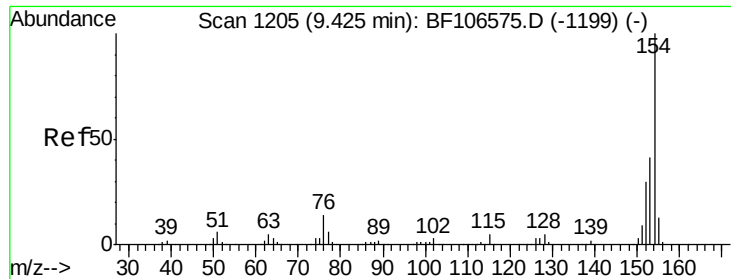
Abundance

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





#45

1,1'-Biphenyl

Concen: 46.423 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

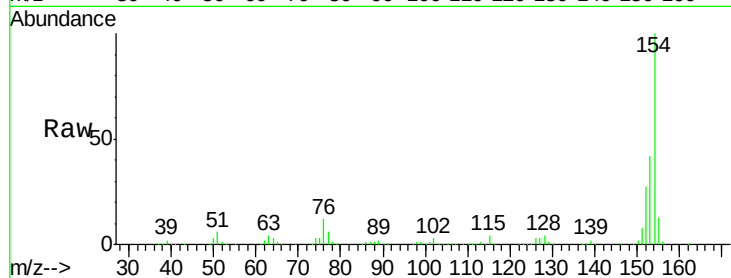
Tgt Ion:154 Resp: 533255

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

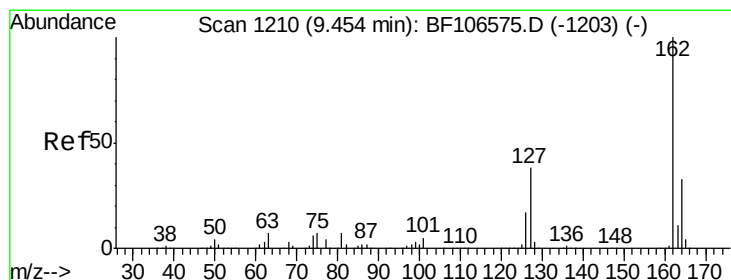
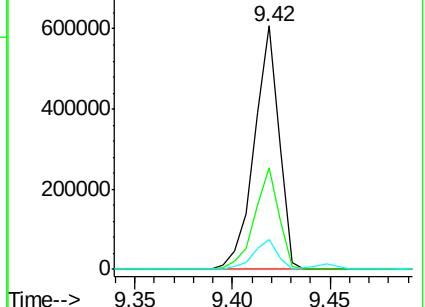
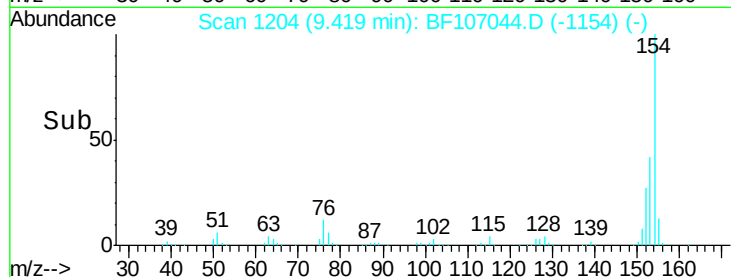
76 12.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.779 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

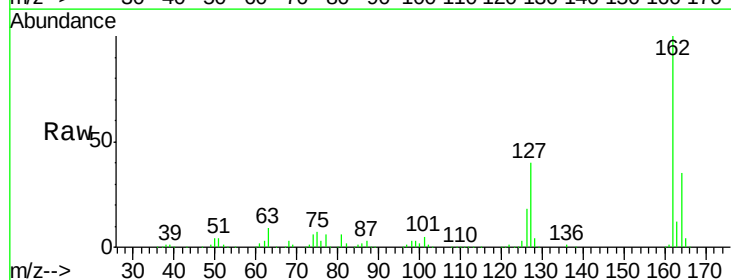
Tgt Ion:162 Resp: 395839

Ion Ratio Lower Upper

162 100

127 39.7 33.9 50.9

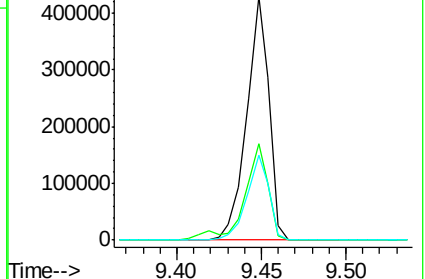
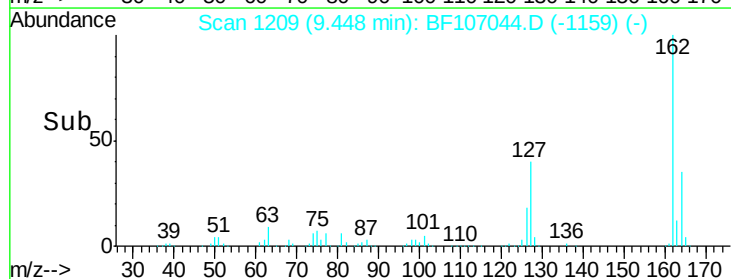
164 35.1 26.5 39.7

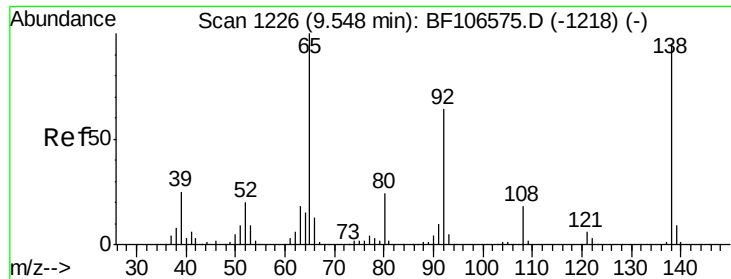


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

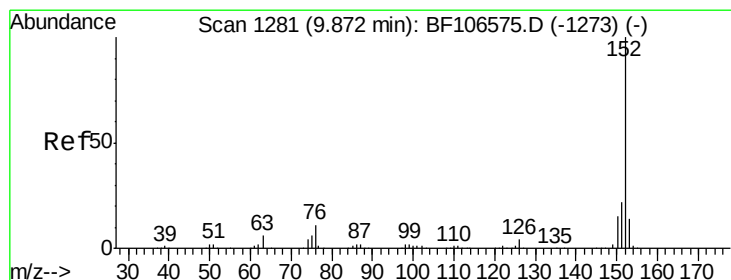
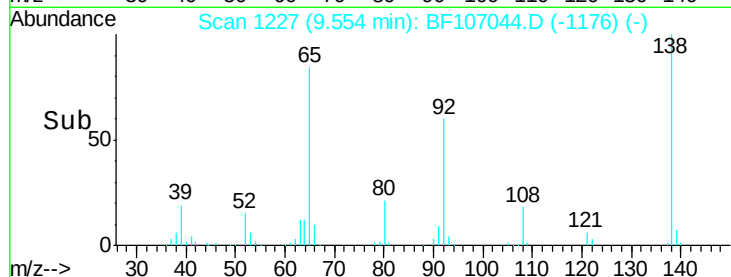
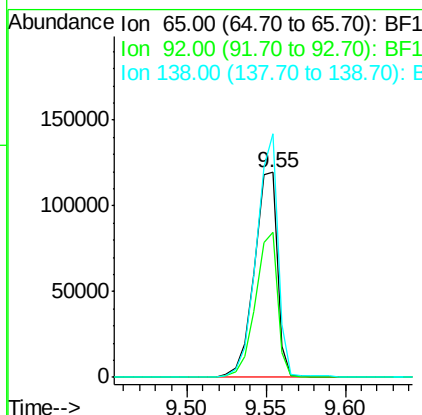
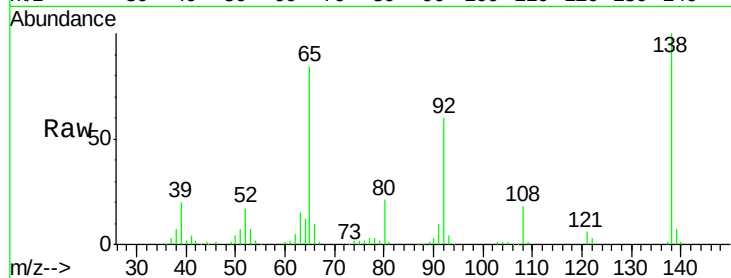




#47
 2-Nitroaniline
 Concen: 40.091 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

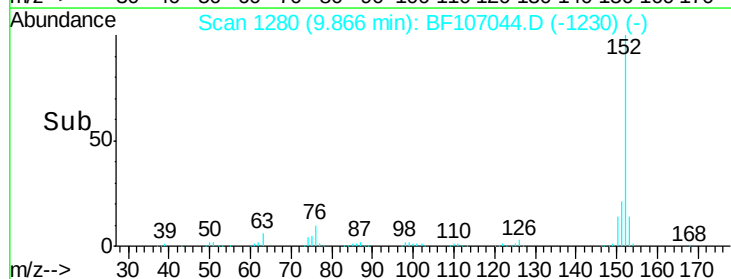
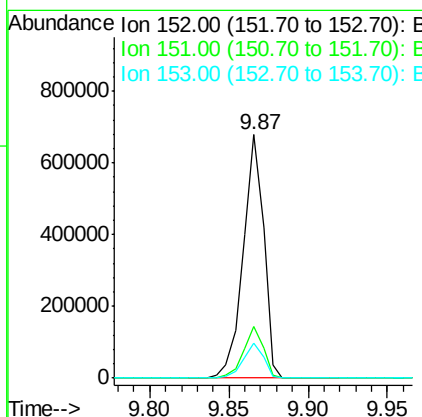
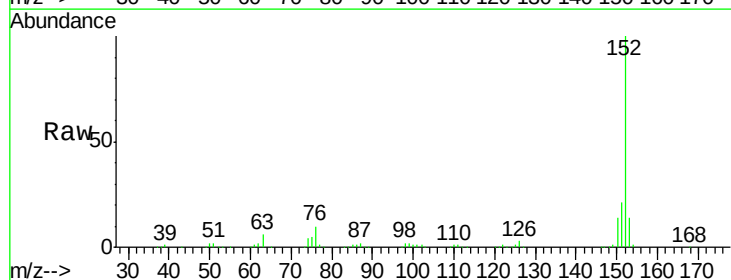
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

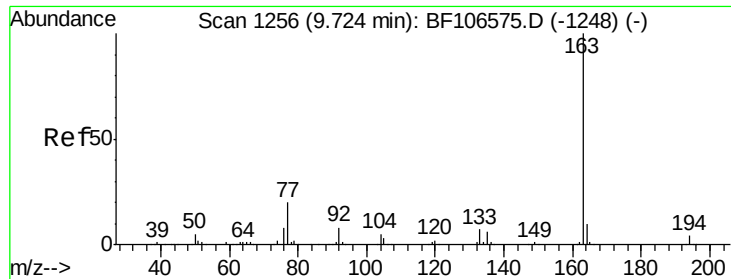
Tgt Ion: 65 Resp: 121897
 Ion Ratio Lower Upper
 65 100
 92 70.9 55.8 83.6
 138 118.9 91.2 136.8



#48
 Acenaphthylene
 Concen: 42.513 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion: 152 Resp: 606877
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 14.3 10.7 16.1

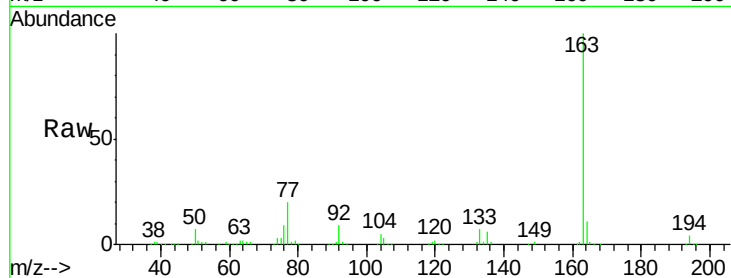




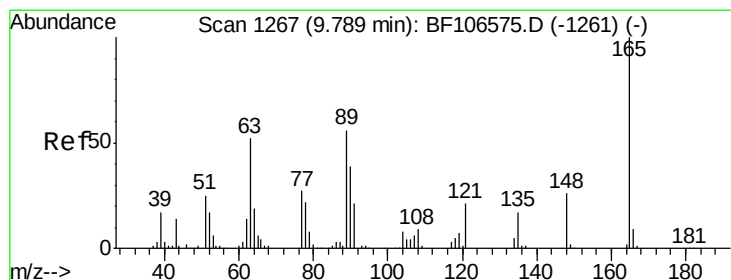
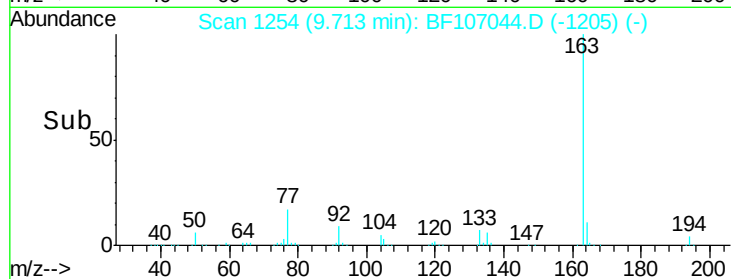
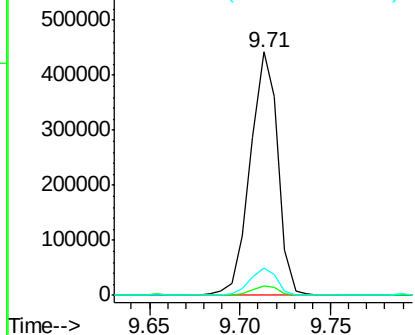
#49
Dimethylphthalate
Concen: 43.209 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

Tgt Ion:163 Resp: 467098
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.1 8.2 12.2

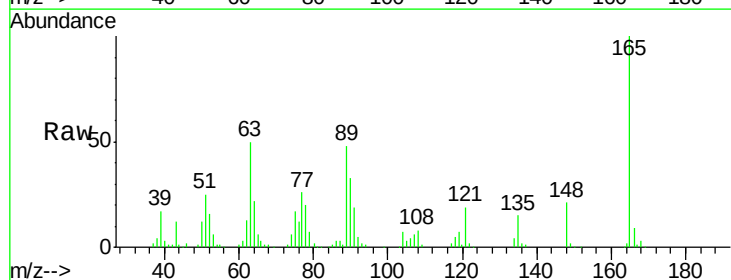


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

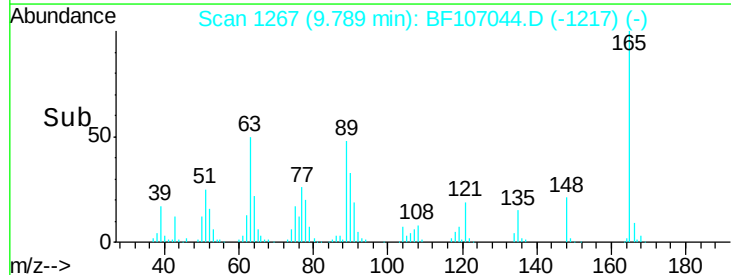
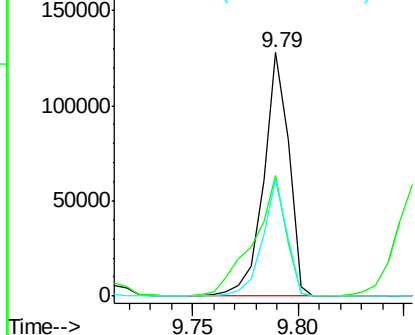


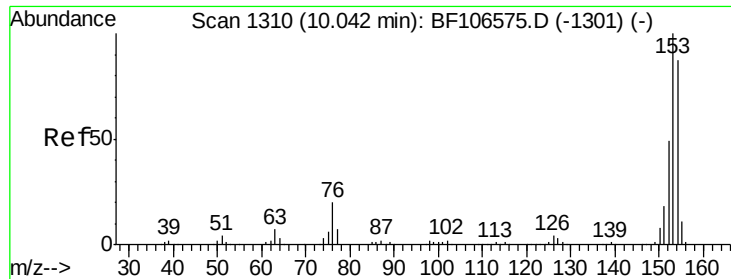
#50
2,6-Dinitrotoluene
Concen: 46.301 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:165 Resp: 105989
Ion Ratio Lower Upper
165 100
63 49.6 44.7 67.1
89 48.0 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





#51

Acenaphthene

Concen: 40.696 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

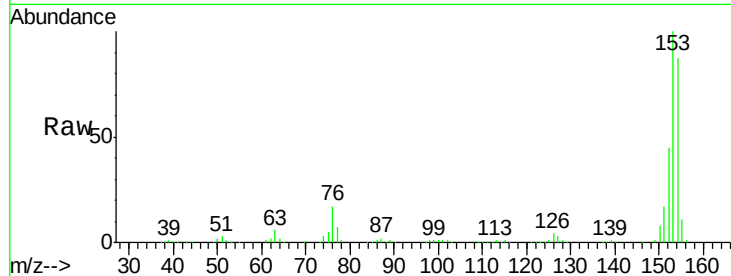
Tgt Ion:154 Resp: 365831

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

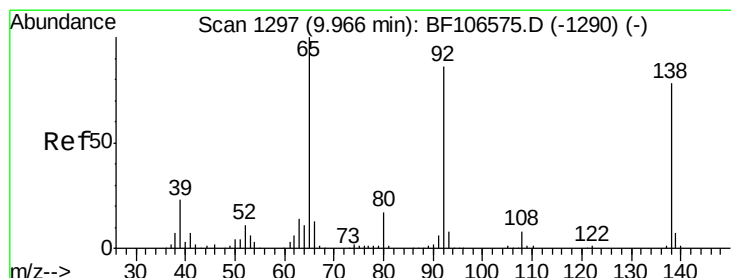
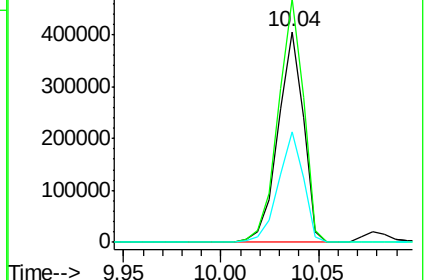
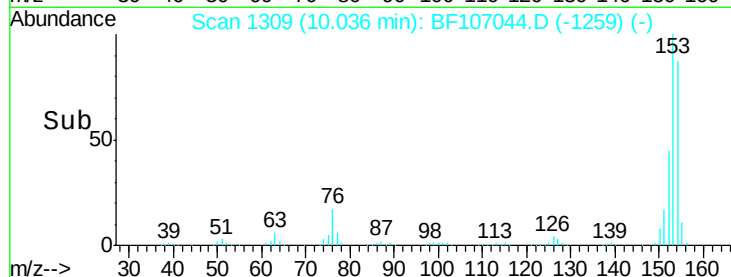
152 52.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.754 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

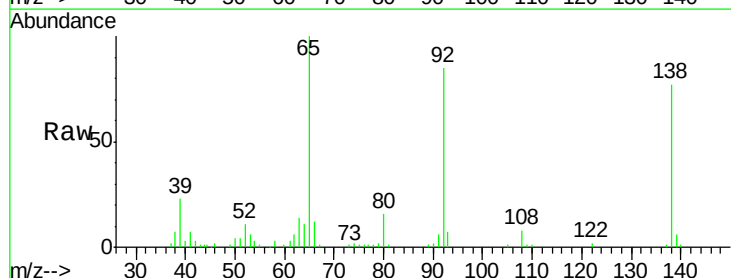
Tgt Ion:138 Resp: 44133

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

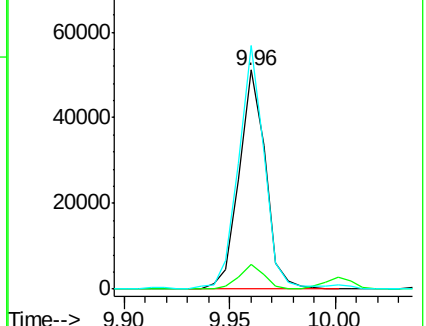
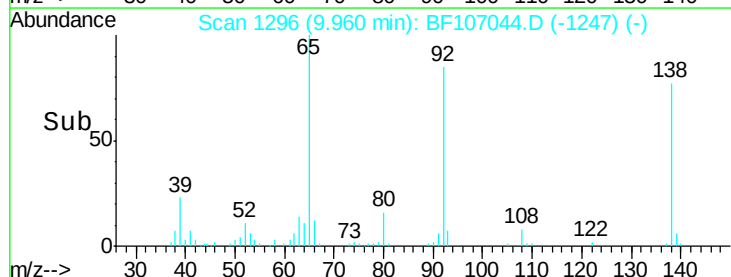
92 111.2 89.4 134.2

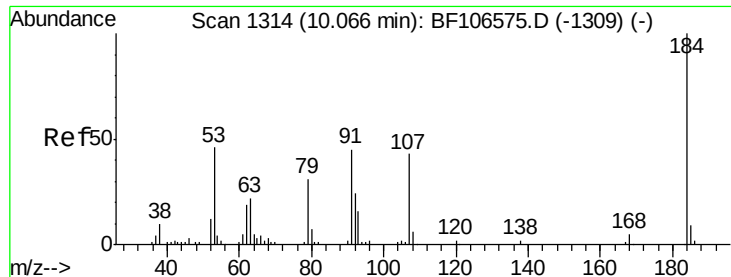


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

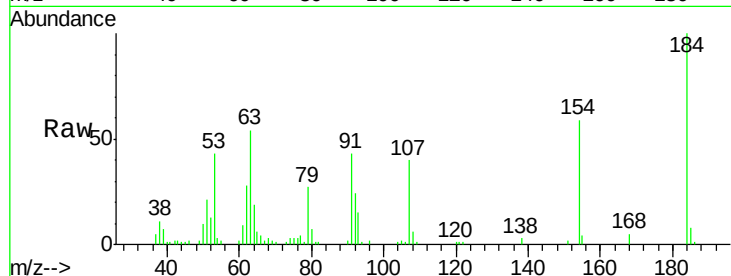




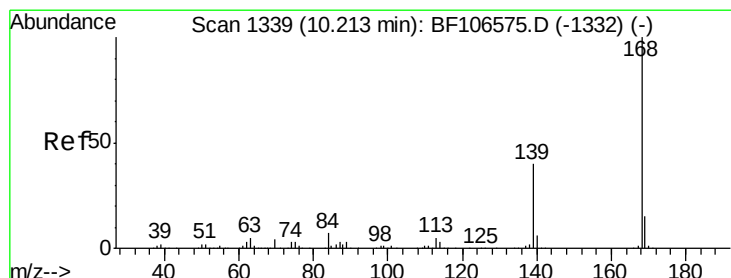
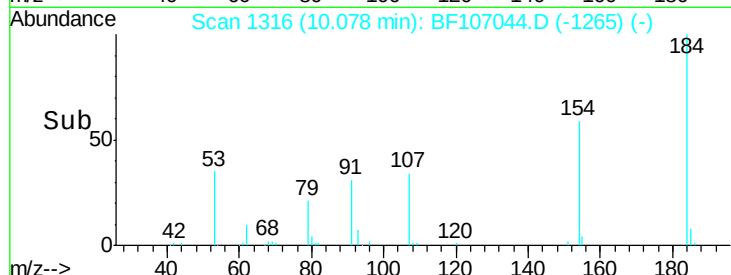
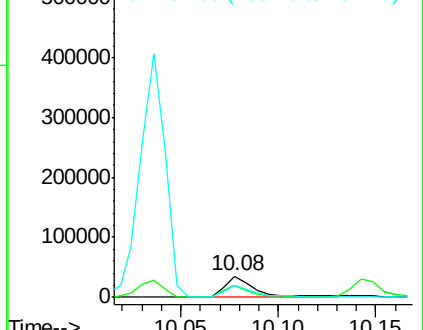
#53
 2,4-Dinitrophenol
 Concen: 35.061 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion:184 Resp: 37893
 Ion Ratio Lower Upper
 184 100
 63 53.9 54.2 81.2#
 154 59.0 184.0 276.0#

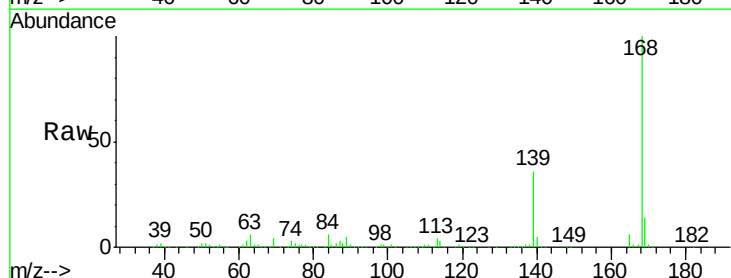


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

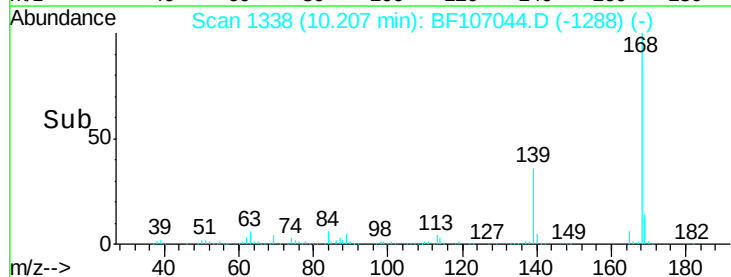
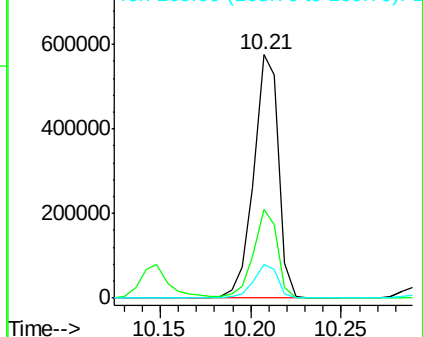


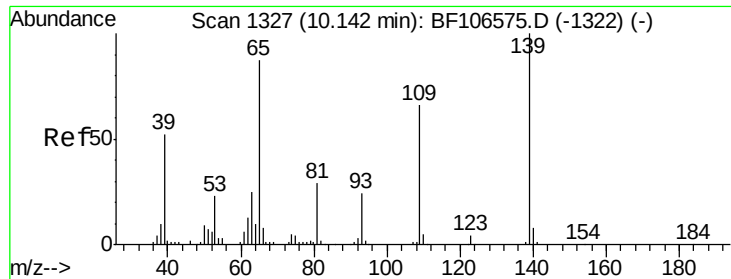
#54
 Dibenzofuran
 Concen: 44.375 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:168 Resp: 546220
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.1 45.1
 169 13.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

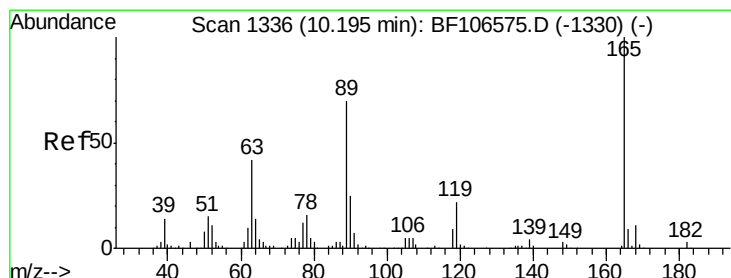
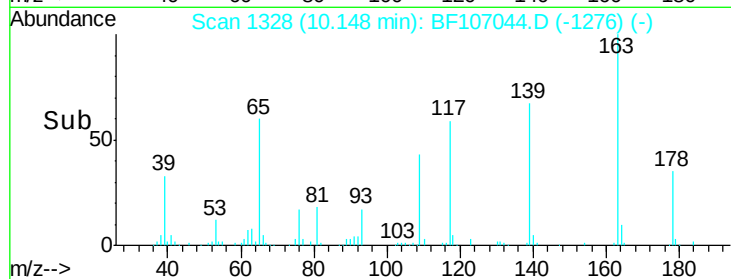
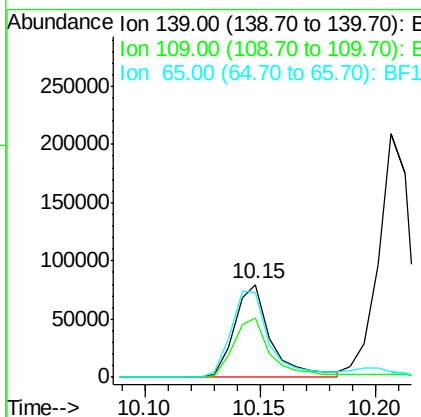
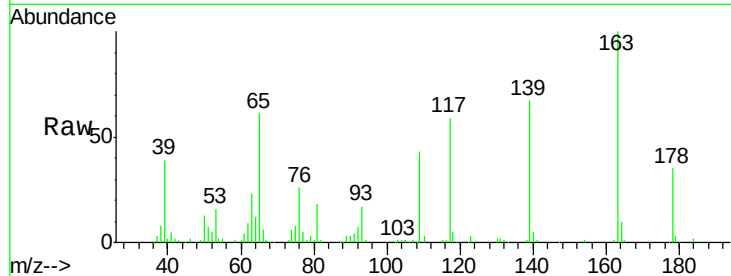




#55
4-Nitrophenol
Concen: 47.975 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

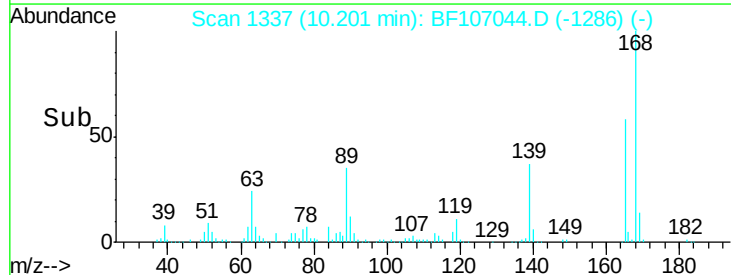
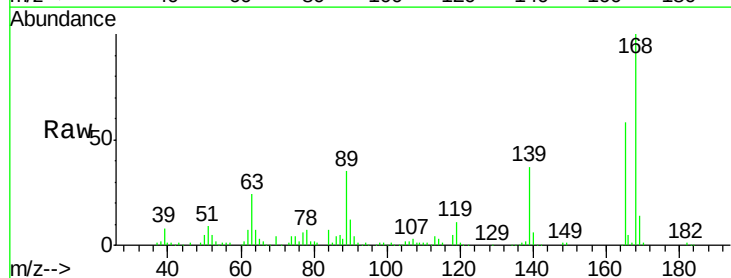
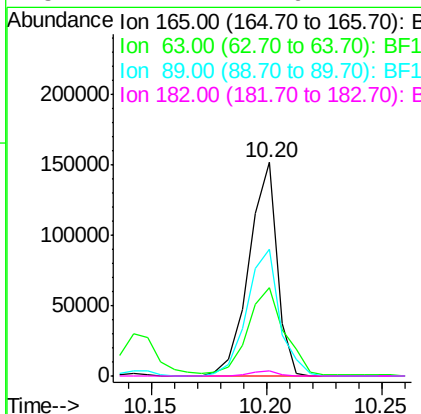
Instrument :
BNA_F
ClientSampled :
JCSA-302MS

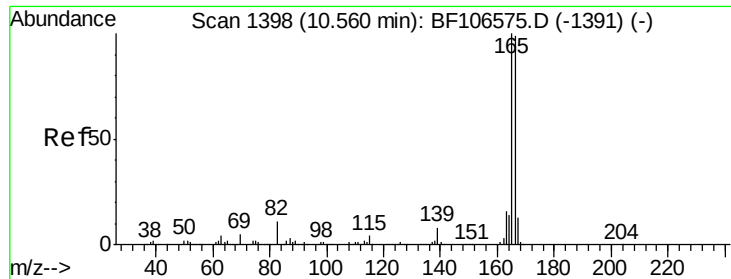
Tgt Ion:139 Resp: 88210
Ion Ratio Lower Upper
139 100
109 64.2 48.4 88.4
65 91.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.575 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:165 Resp: 130199
Ion Ratio Lower Upper
165 100
63 41.5 36.4 54.6
89 59.5 57.8 86.6
182 2.2 1.6 2.4

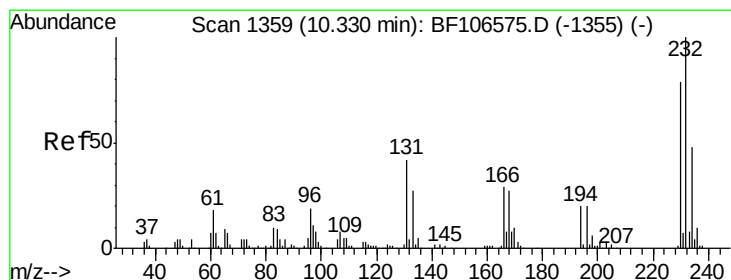
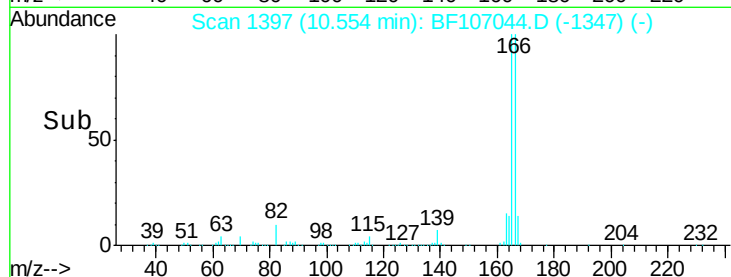
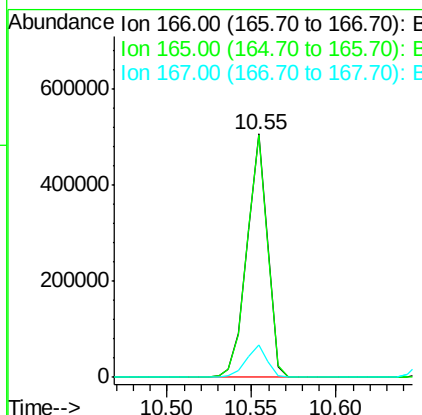
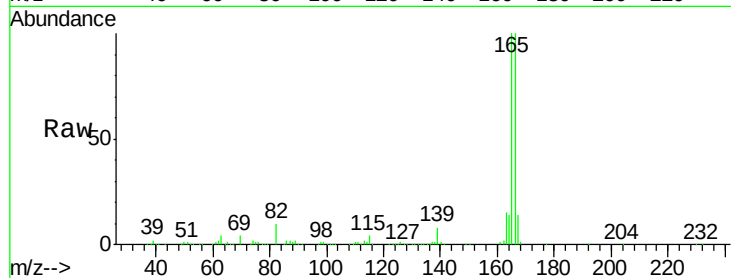




#57
 Fluorene
 Concen: 44.486 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

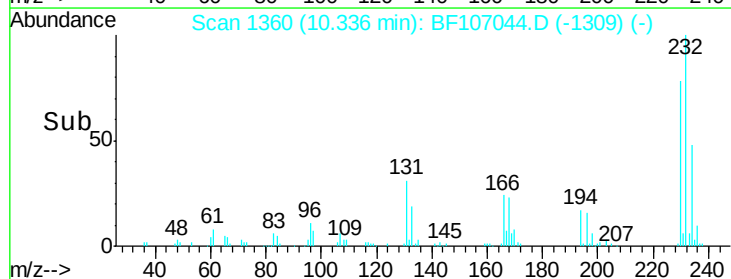
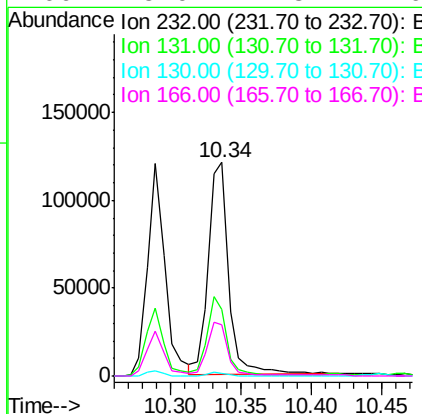
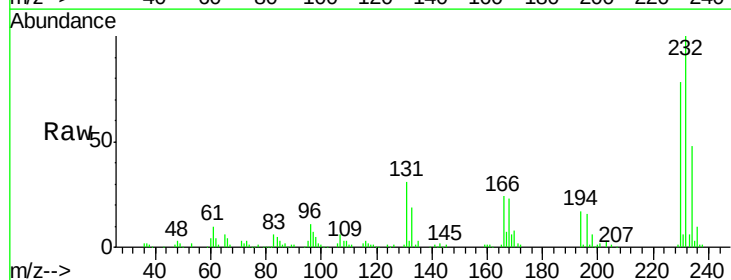
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

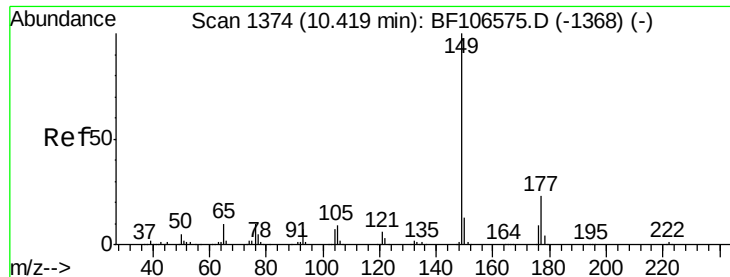
Tgt Ion:166 Resp: 434528
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.092 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:232 Resp: 123356
 Ion Ratio Lower Upper
 232 100
 131 34.1 43.8 65.8#
 130 1.5 2.1 3.1#
 166 25.0 27.8 41.6#

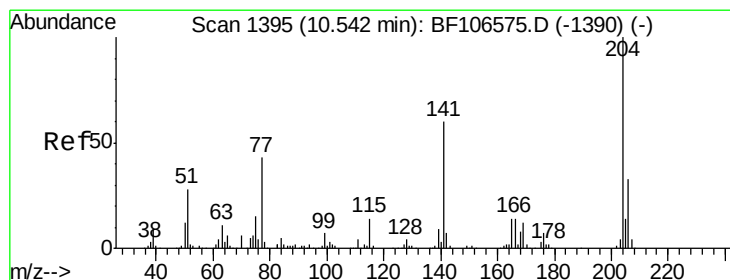
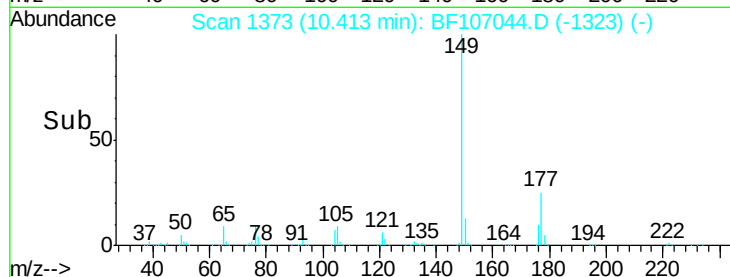
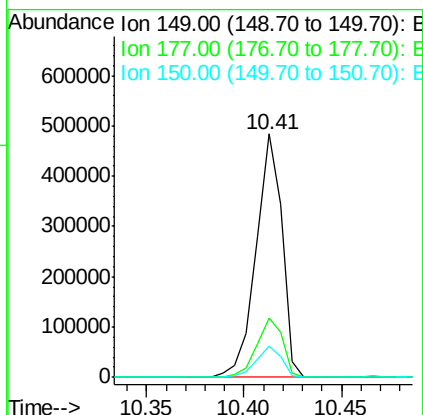
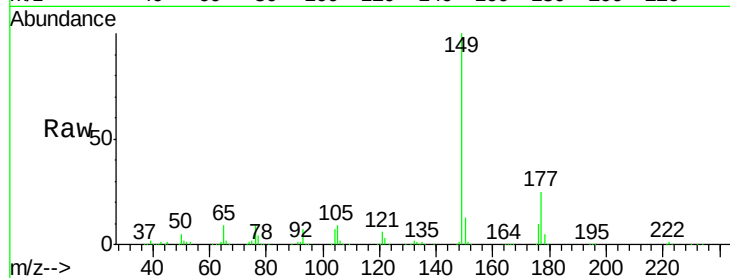




#59
Diethylphthalate
Concen: 42.674 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

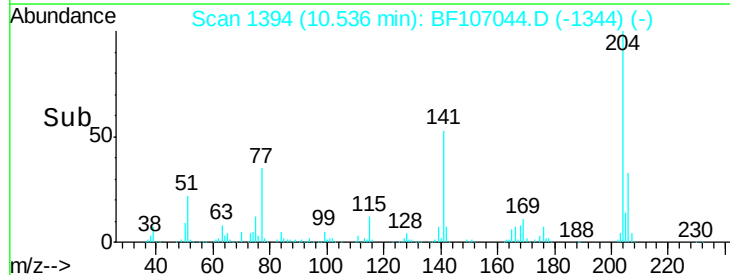
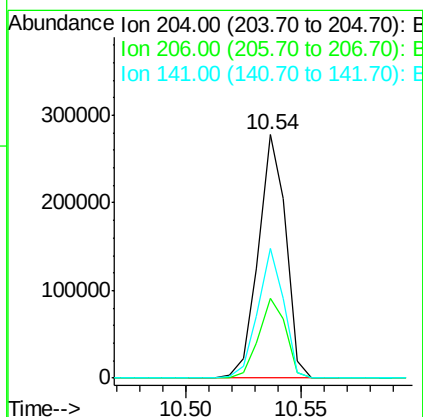
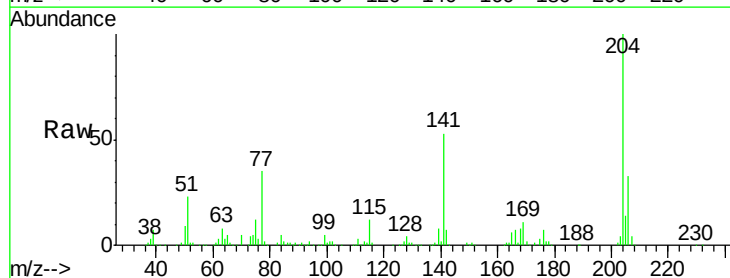
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

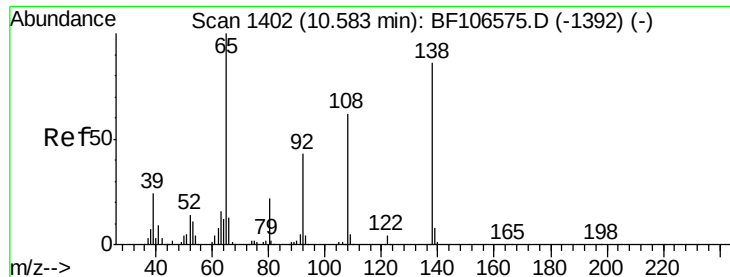
Tgt Ion:149 Resp: 445254
Ion Ratio Lower Upper
149 100
177 24.6 16.1 24.1#
150 13.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 45.154 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:204 Resp: 230766
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 53.4 54.6 81.8#

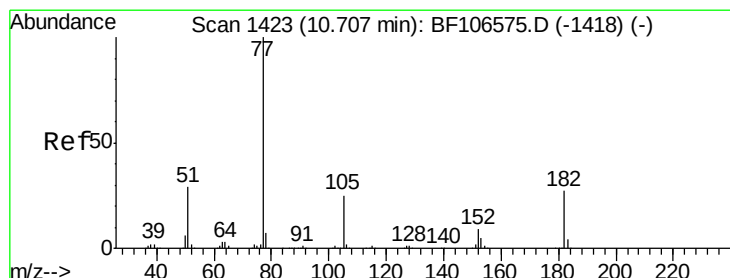
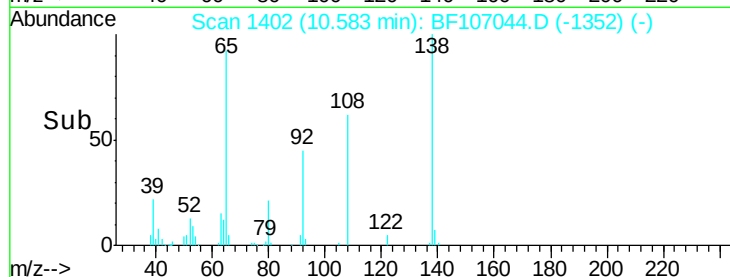
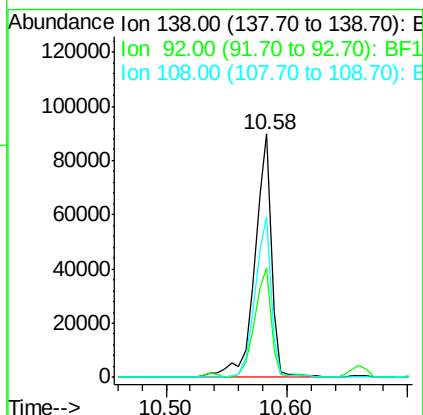
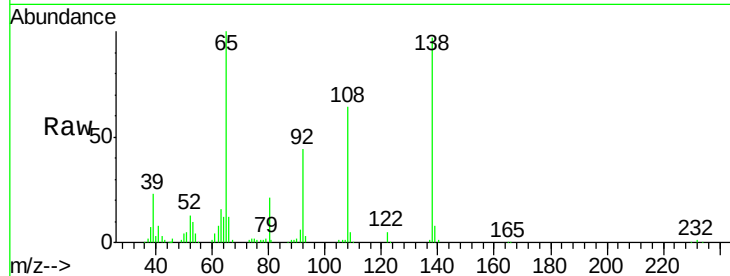




#61
4-Nitroaniline
Concen: 33.396 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

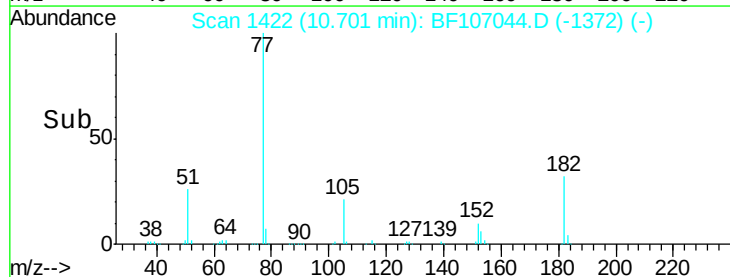
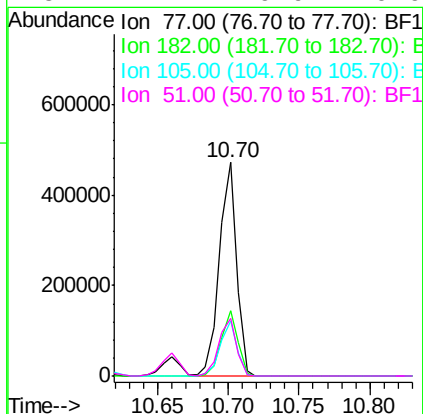
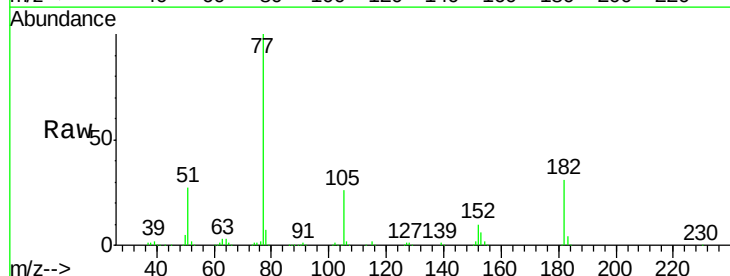
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

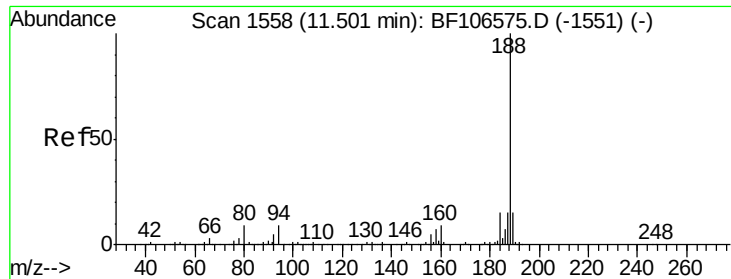
Tgt Ion: 138 Resp: 87305
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 65.6 52.5 92.5



#62
Azobenzene
Concen: 39.206 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion: 77 Resp: 402833
Ion Ratio Lower Upper
77 100
182 30.7 1.7 41.7
105 25.6 3.0 43.0
51 27.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

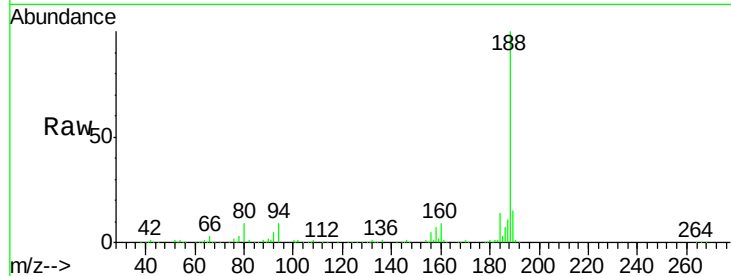
Tgt Ion:188 Resp: 256903

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7

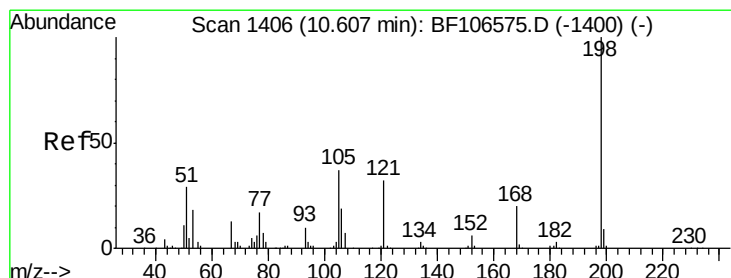
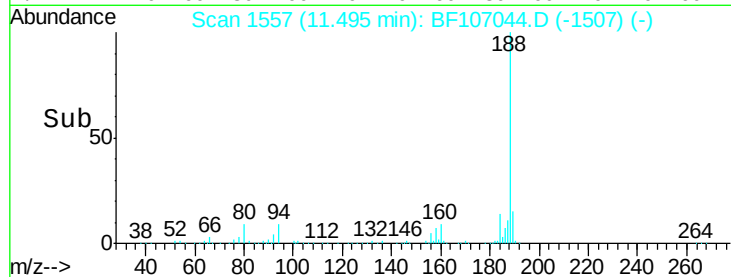
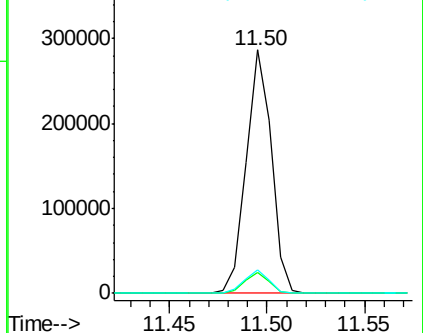
80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 21.722 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

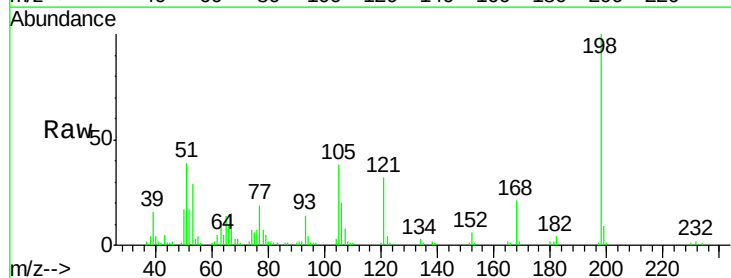
Tgt Ion:198 Resp: 34495

Ion Ratio Lower Upper

198 100

51 38.9 37.7 77.7

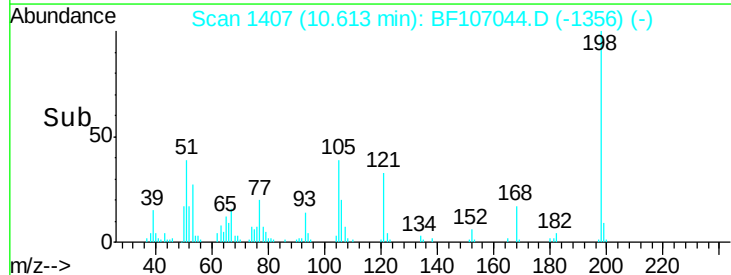
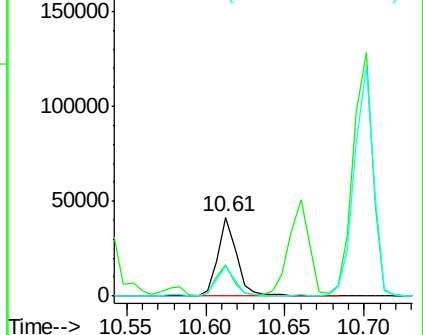
105 38.3 36.3 76.3

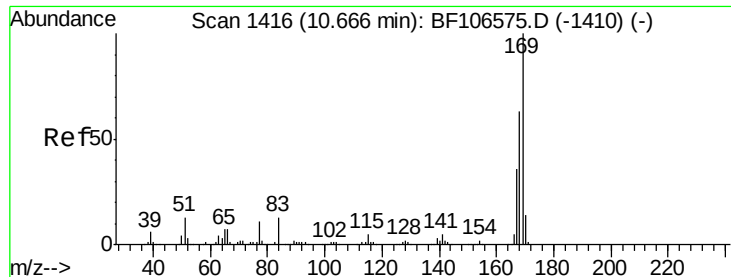


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

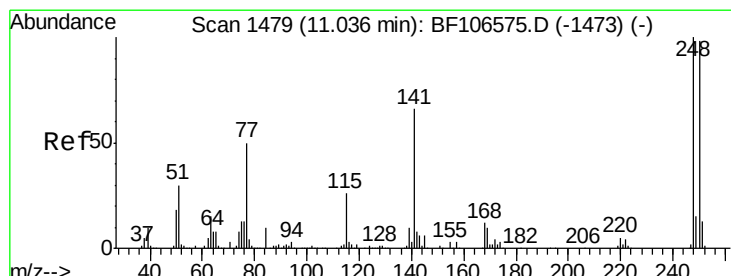
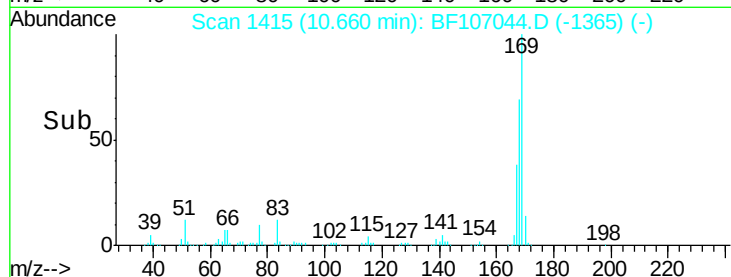
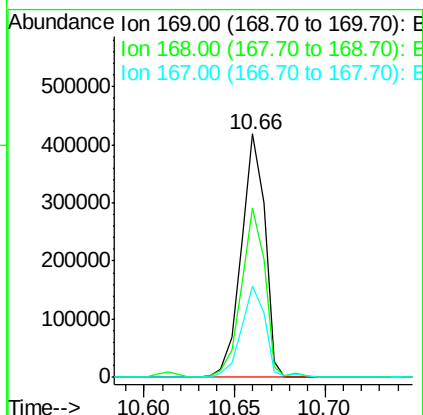
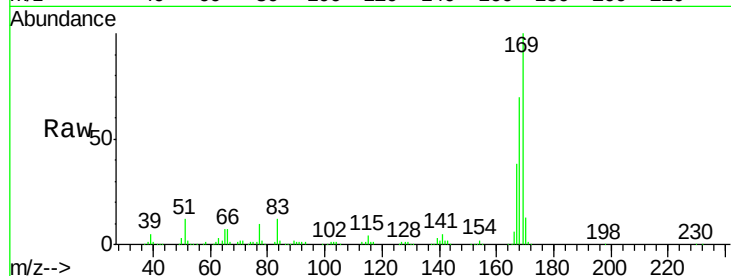




#65
n-Nitrosodiphenylamine
Concen: 43.810 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

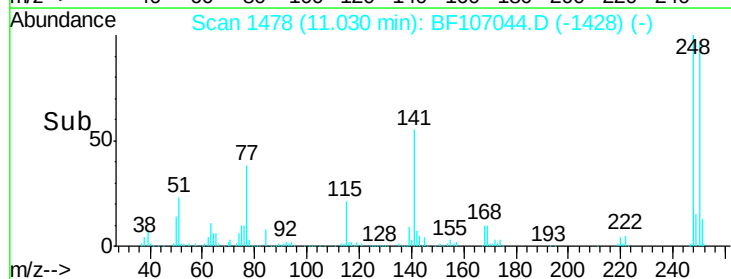
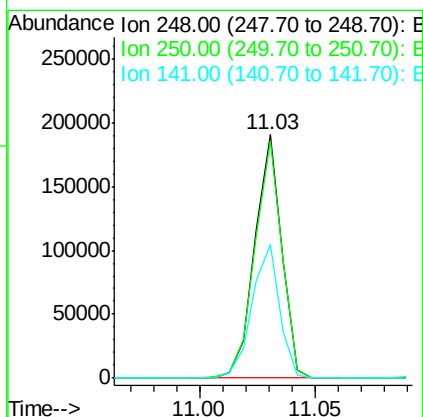
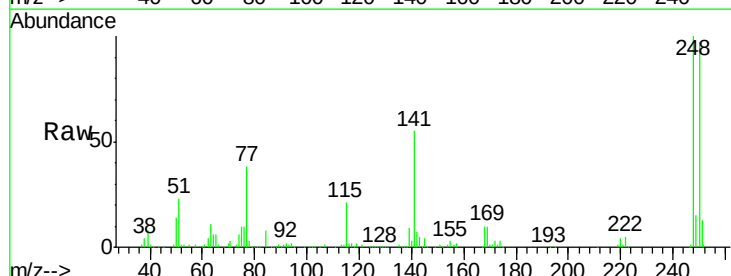
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

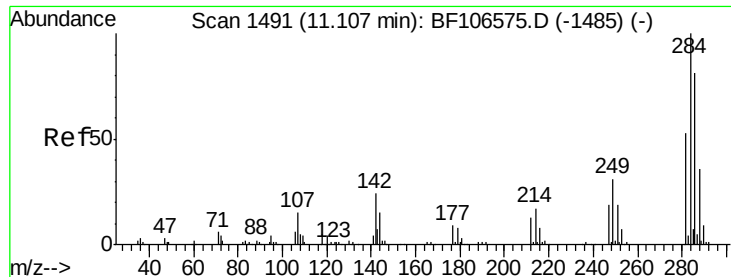
Tgt Ion:169 Resp: 378562
Ion Ratio Lower Upper
169 100
168 69.6 54.4 81.6
167 37.7 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 50.606 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:248 Resp: 155159
Ion Ratio Lower Upper
248 100
250 97.4 76.9 115.3
141 55.0 74.4 111.6#





#67

Hexachlorobenzene

Concen: 48.619 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

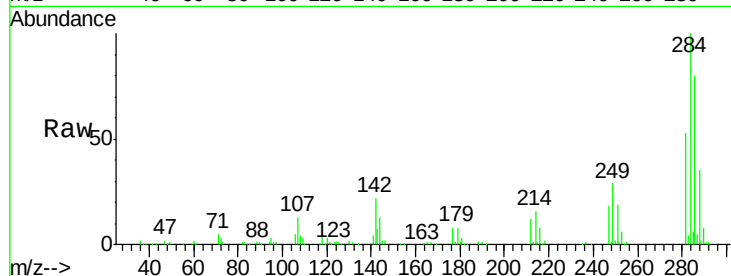
Tgt Ion:284 Resp: 156019

Ion Ratio Lower Upper

284 100

142 21.8 34.6 52.0#

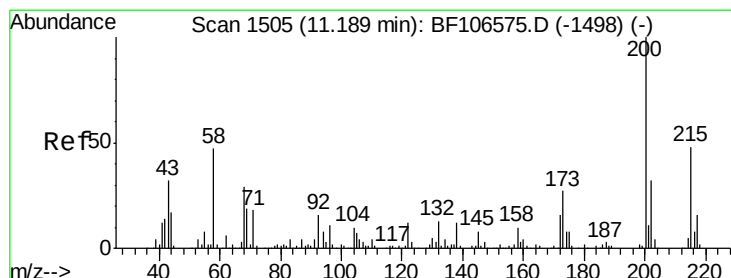
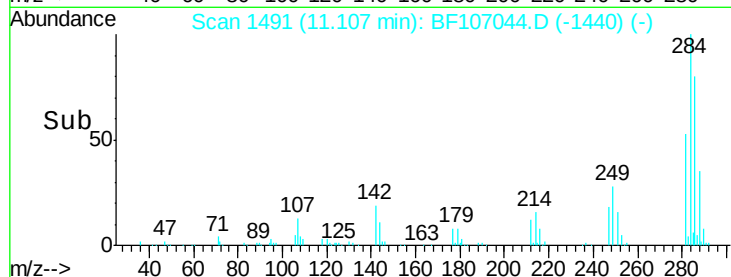
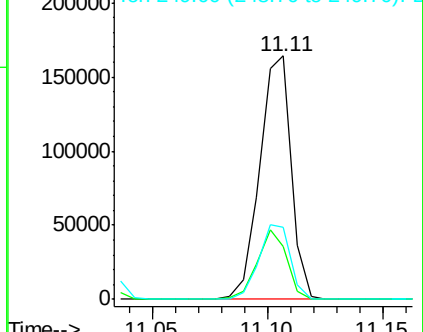
249 29.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.958 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

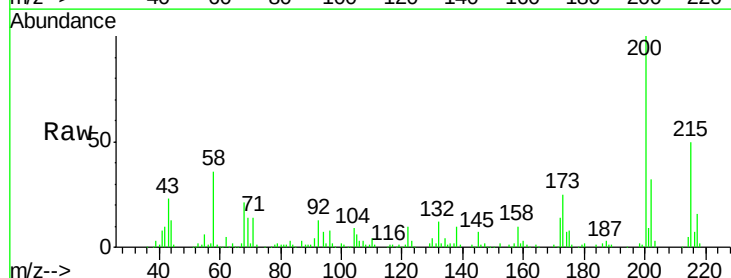
Tgt Ion:200 Resp: 131740

Ion Ratio Lower Upper

200 100

173 24.5 8.6 48.6

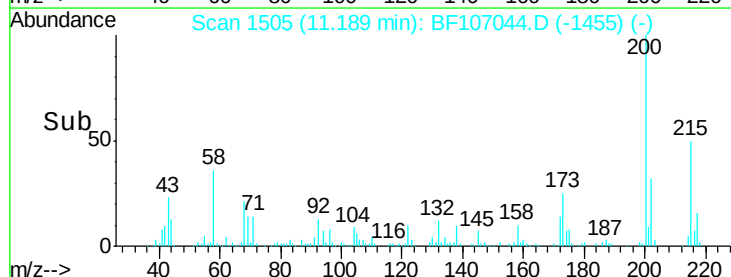
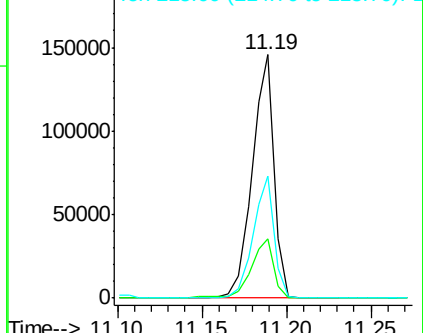
215 50.1 25.1 65.1

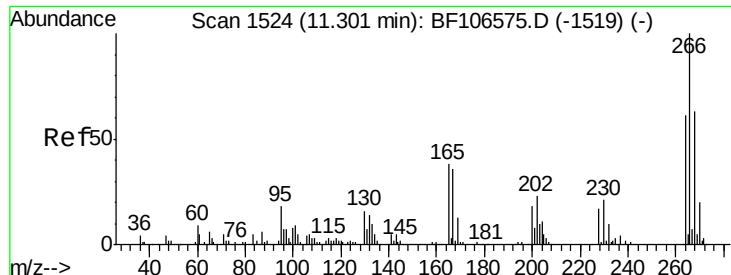


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

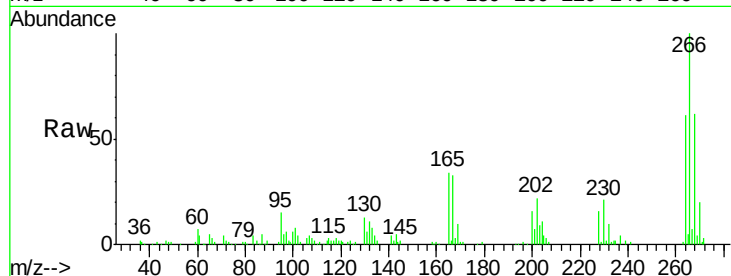




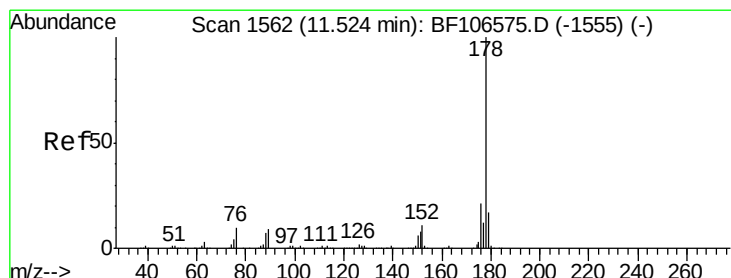
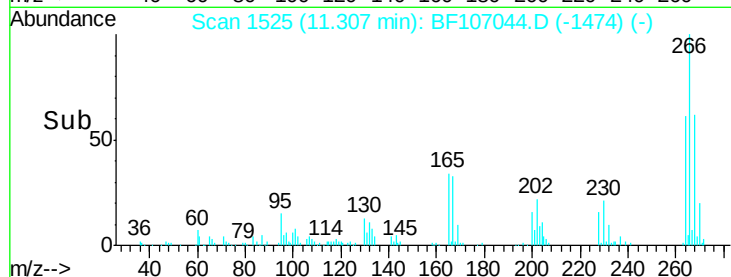
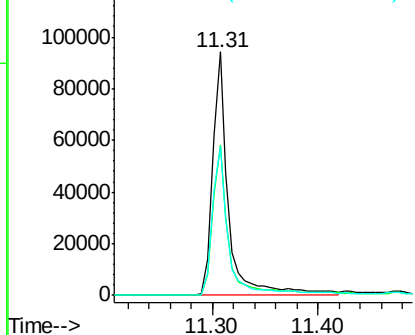
#69
 Pentachlorophenol
 Concen: 63.266 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion:266 Resp: 101299
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 61.3 49.5 74.3

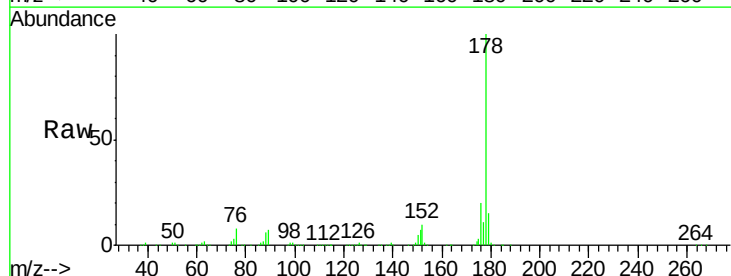


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

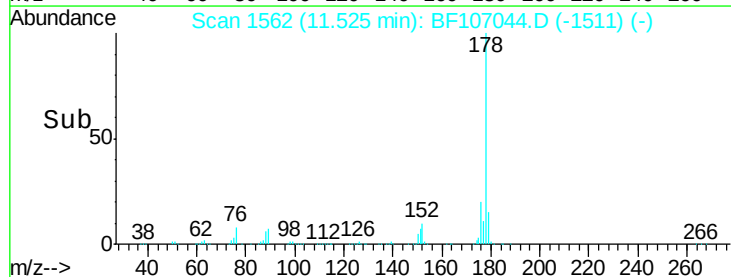
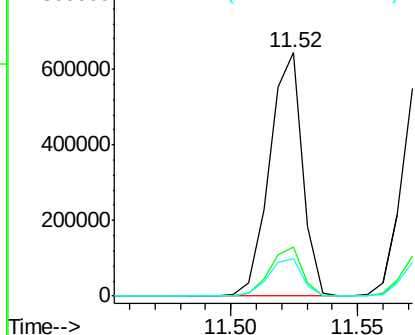


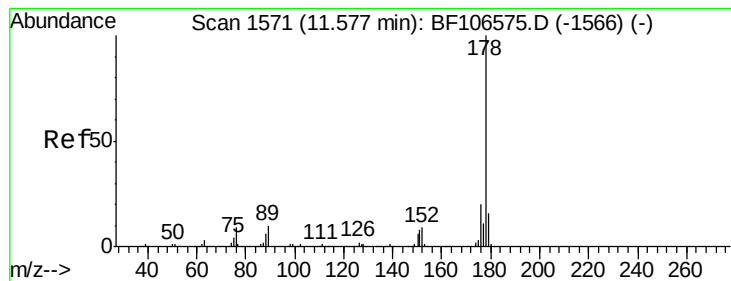
#70
 Phenanthrene
 Concen: 47.199 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:178 Resp: 584844
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.038 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

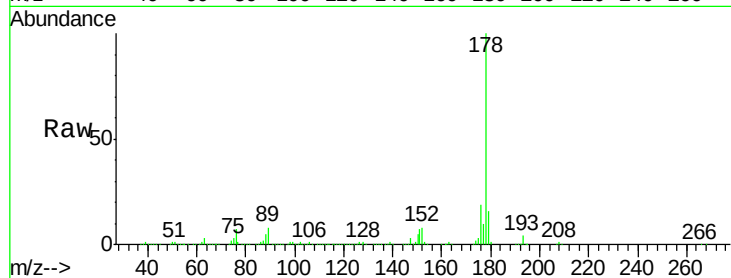
Tgt Ion:178 Resp: 594918

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

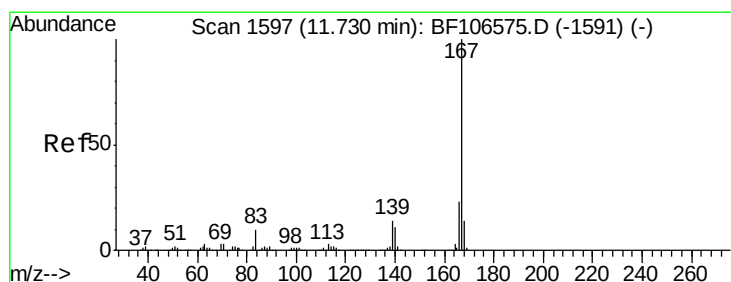
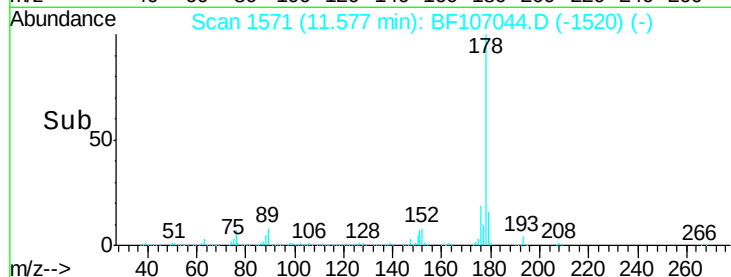
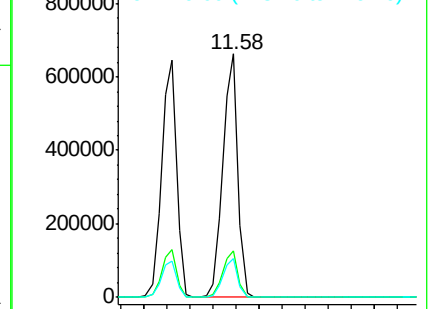
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.030 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

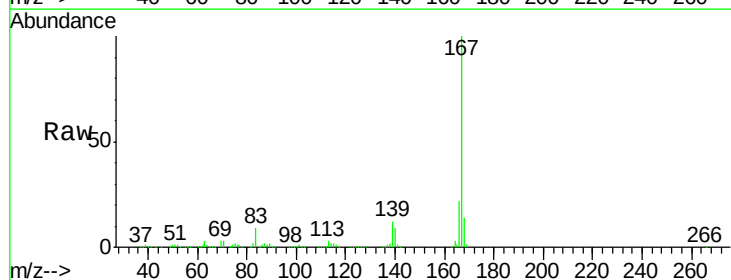
Tgt Ion:167 Resp: 521361

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

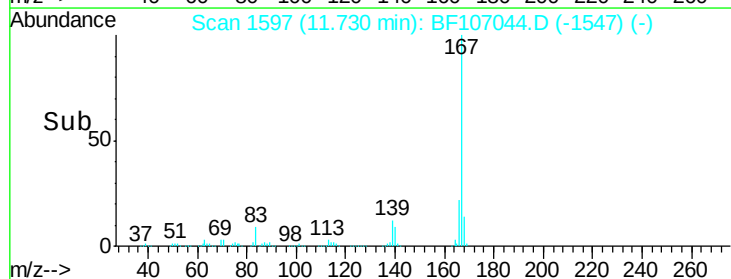
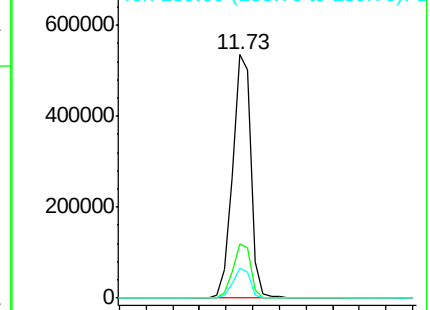
139 12.1 10.9 16.3

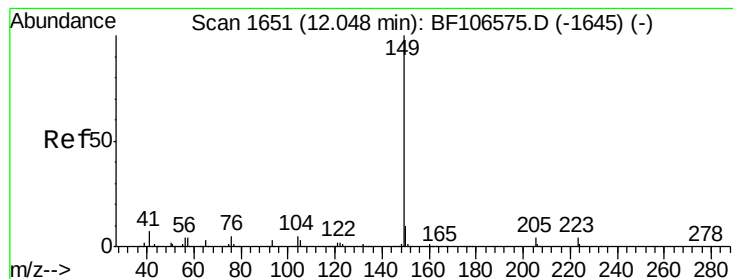


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.626 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

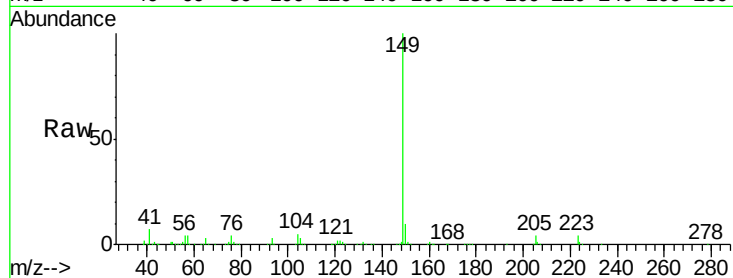
Tgt Ion:149 Resp: 636484

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

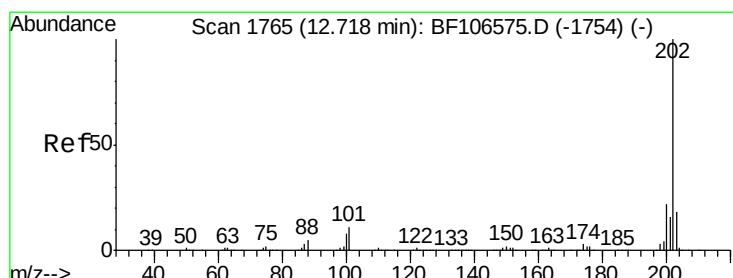
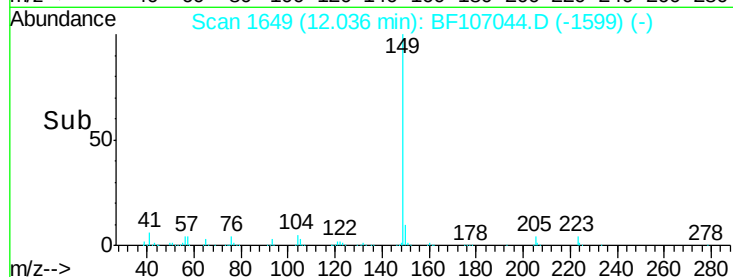
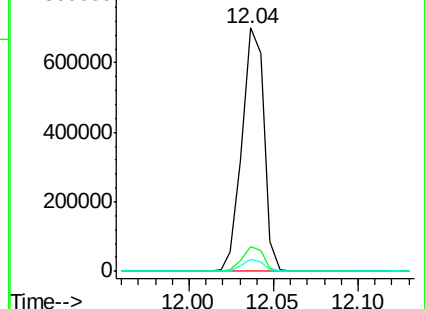
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.513 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

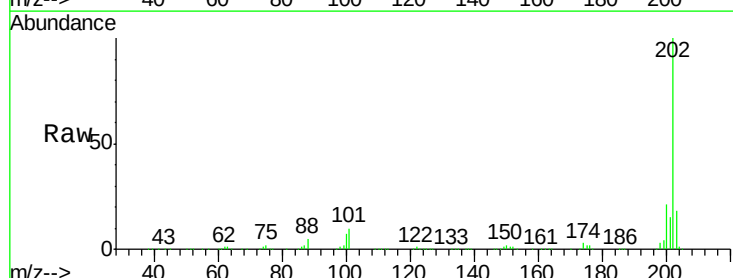
Tgt Ion:202 Resp: 607932

Ion Ratio Lower Upper

202 100

101 9.6 0.0 34.1

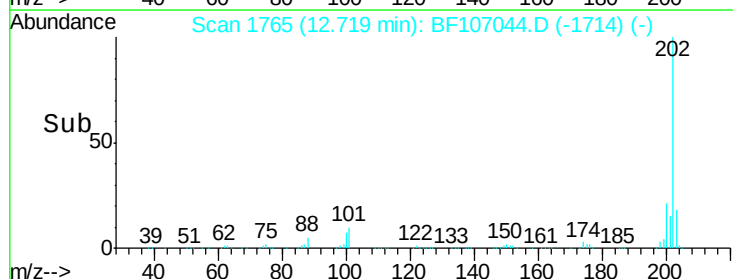
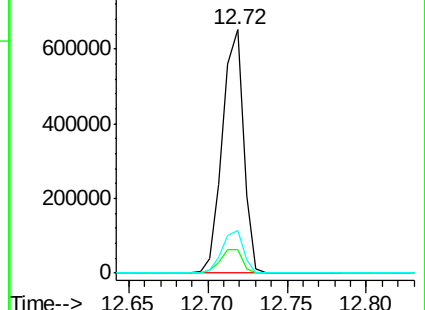
203 17.6 0.0 38.1

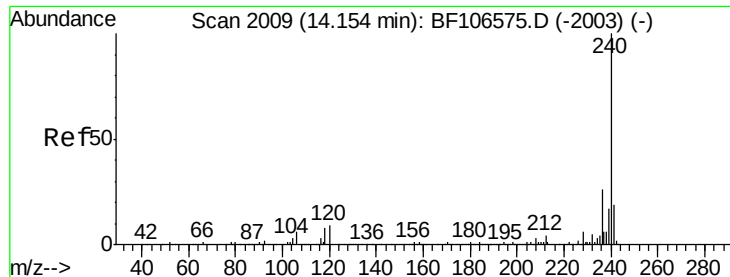


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

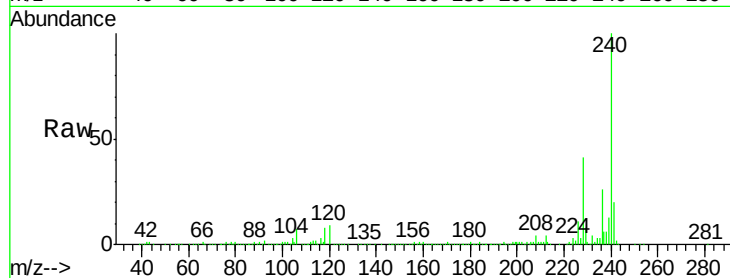
Tgt Ion:240 Resp: 205642

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

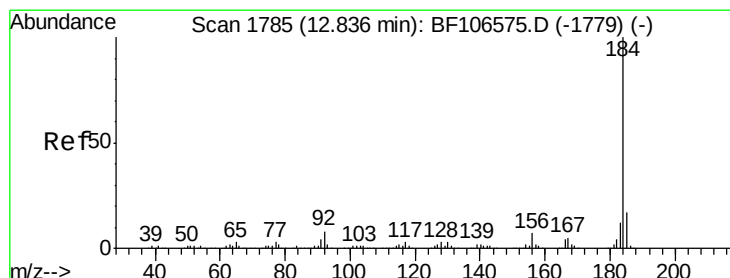
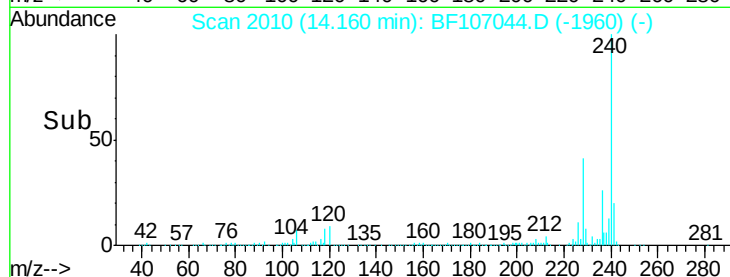
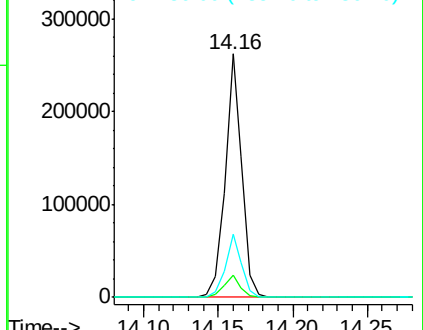
236 25.8 20.7 31.1



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



#76

Benzidine

Concen: 42.186 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

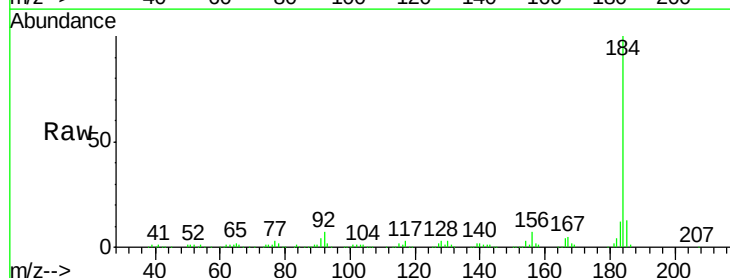
Tgt Ion:184 Resp: 247069

Ion Ratio Lower Upper

184 100

185 13.2 12.6 18.8

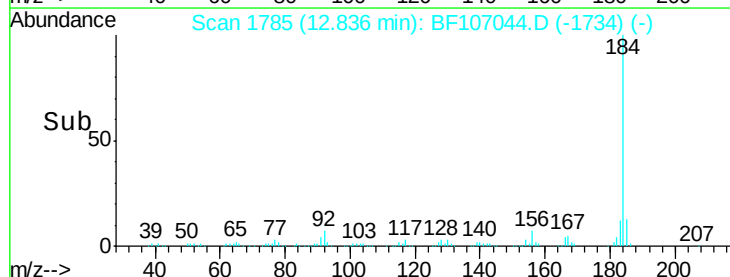
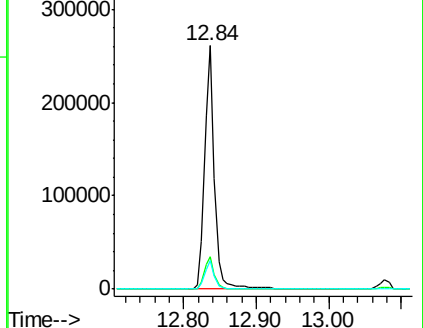
183 11.5 9.3 13.9

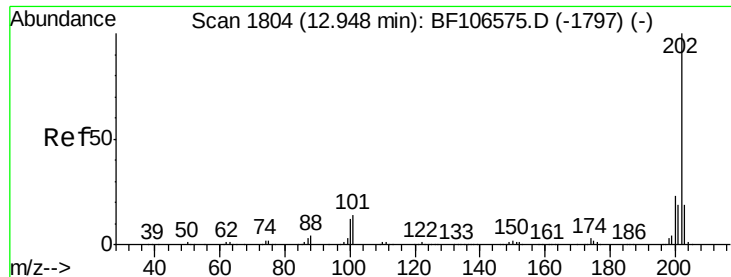


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

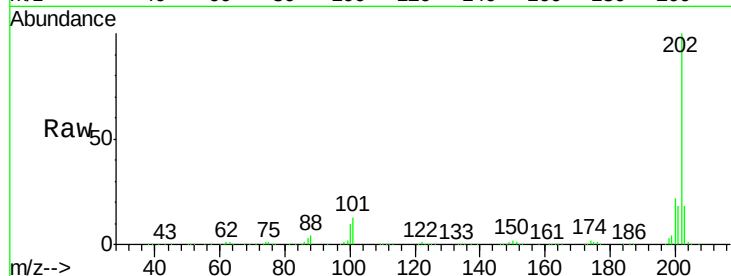




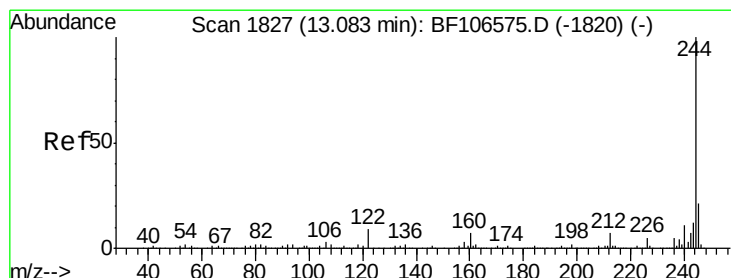
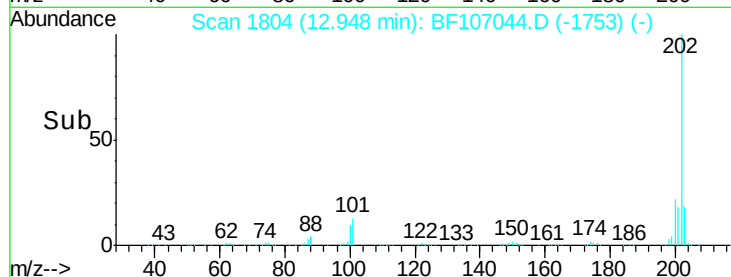
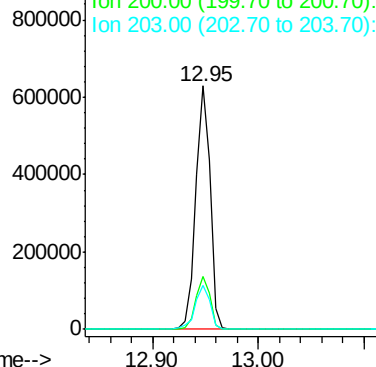
#77
 Pyrene
 Concen: 44.115 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

Tgt Ion: 202 Resp: 598224
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.4 26.2
 203 17.8 14.3 21.5

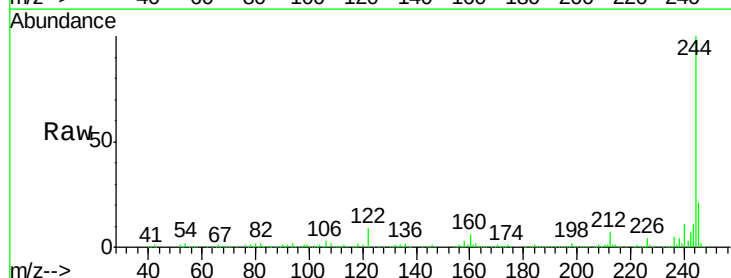


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

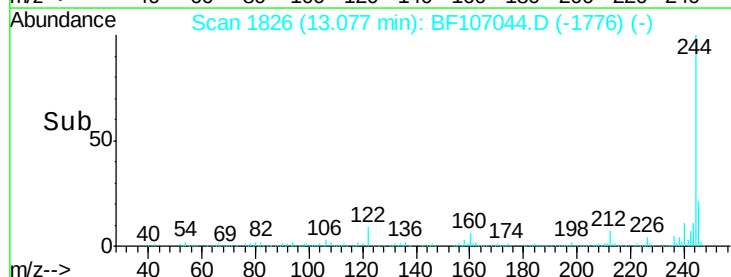
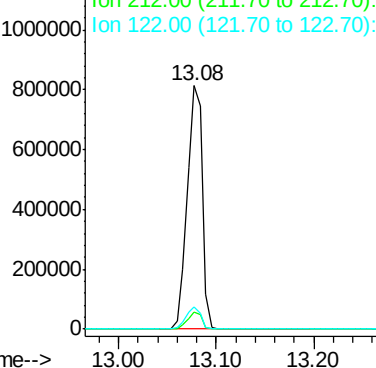


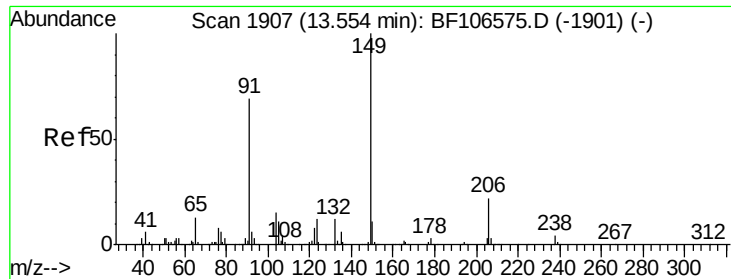
#78
 Terphenyl-d14
 Concen: 102.443 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion: 244 Resp: 869695
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.3 11.0 16.4#



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

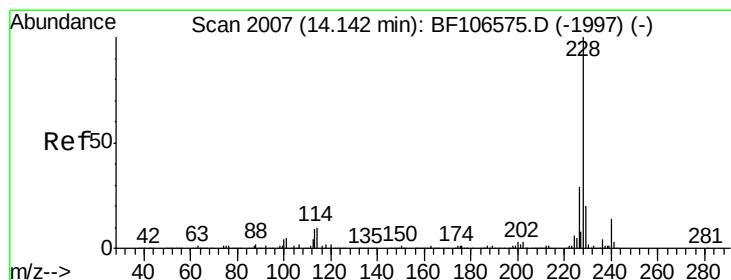
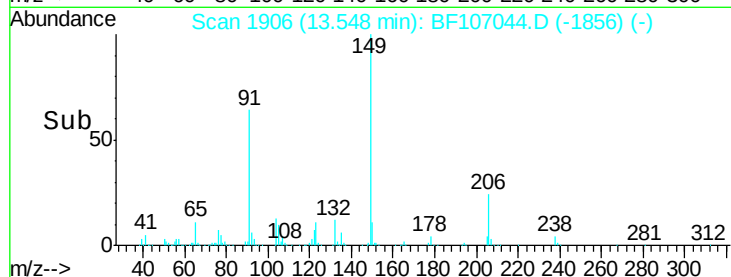
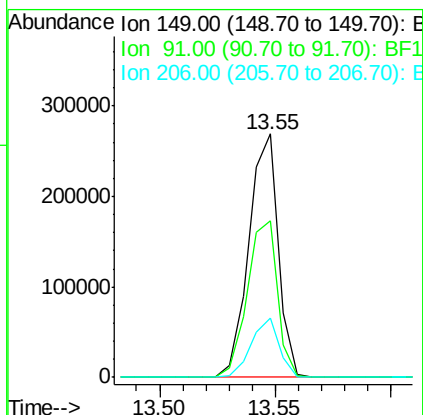
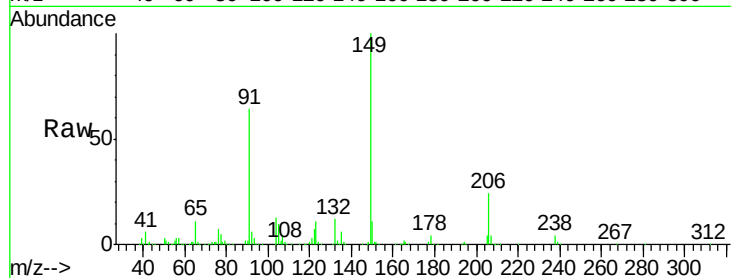




#79
Butylbenzylphthalate
Concen: 43.174 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

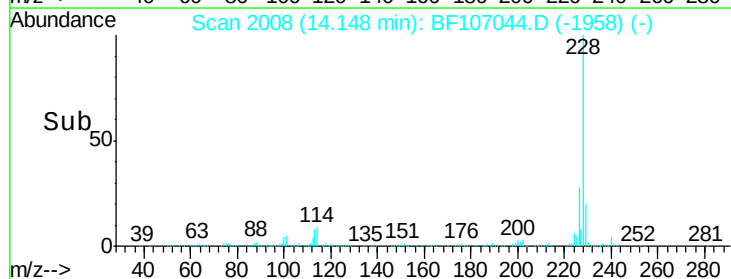
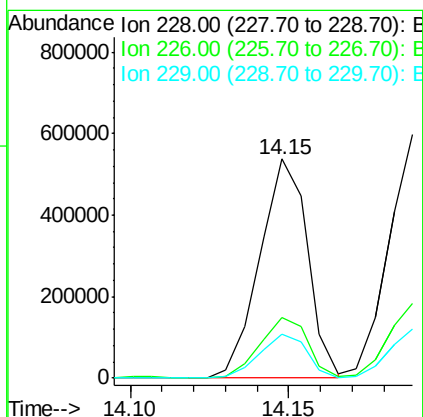
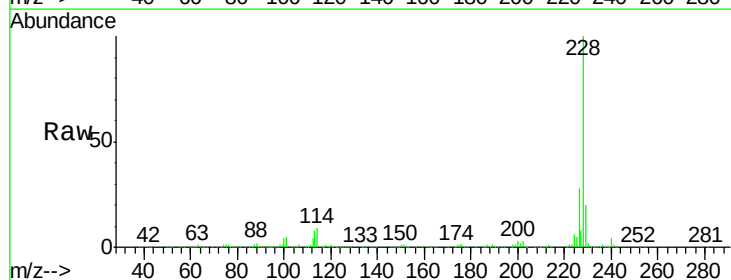
Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

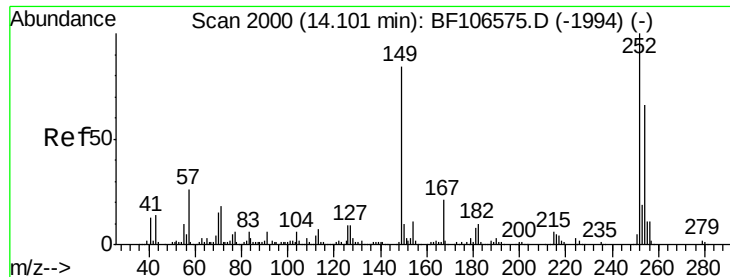
Tgt Ion:149 Resp: 240713
Ion Ratio Lower Upper
149 100
91 64.2 56.8 85.2
206 24.3 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 45.055 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:228 Resp: 564687
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 20.1 15.8 23.6

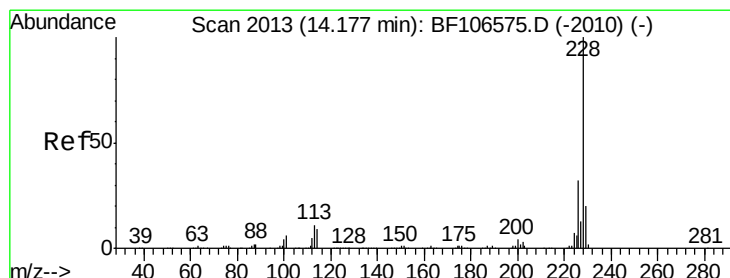
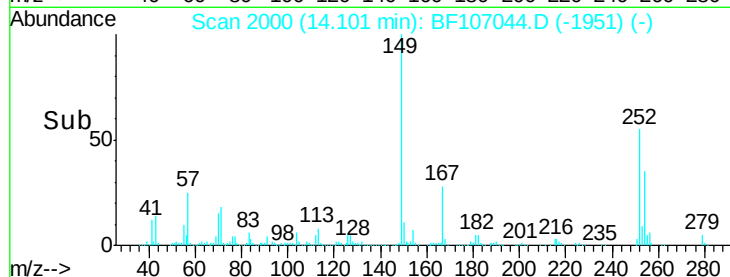
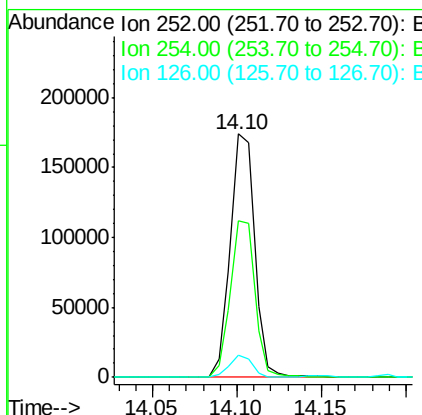
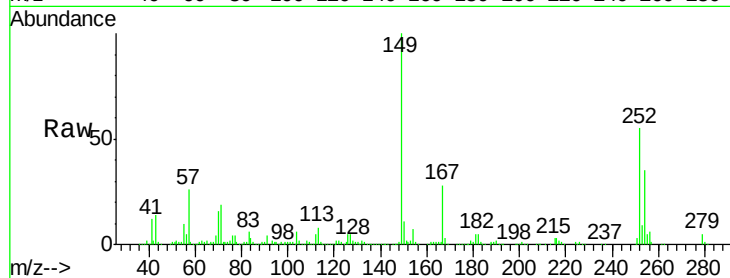




#81
 3,3'-Dichlorobenzidine
 Concen: 39.879 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

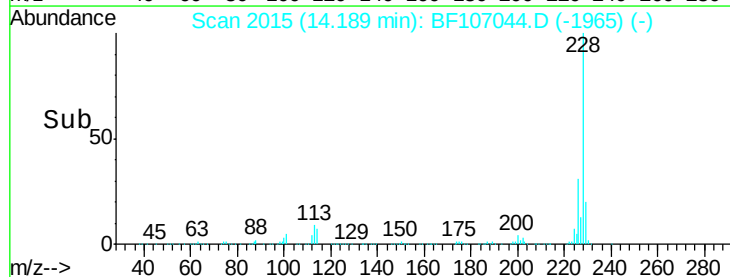
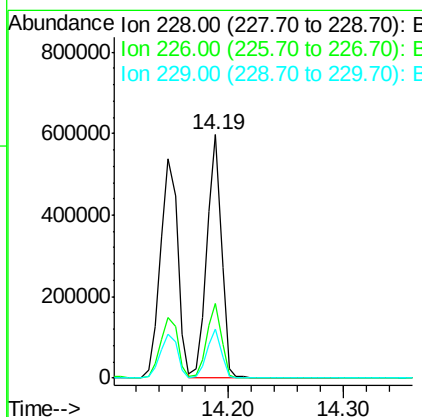
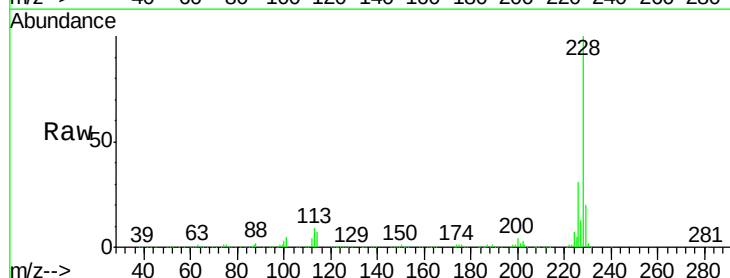
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

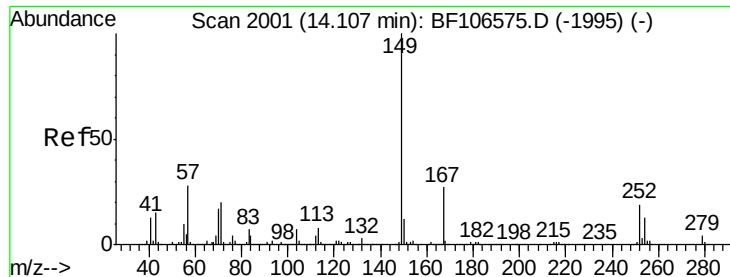
Tgt Ion: 252 Resp: 175663
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 9.0 11.3 16.9#



#82
 Chrysene
 Concen: 45.626 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion: 228 Resp: 526091
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 20.1 16.2 24.4

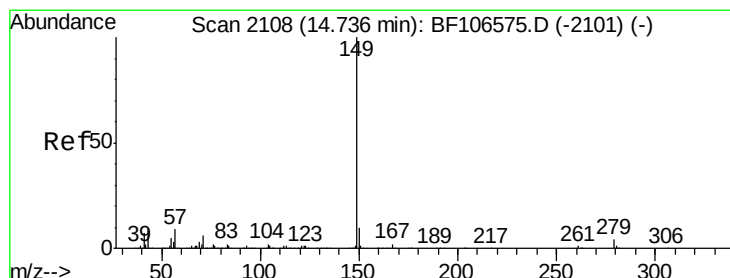
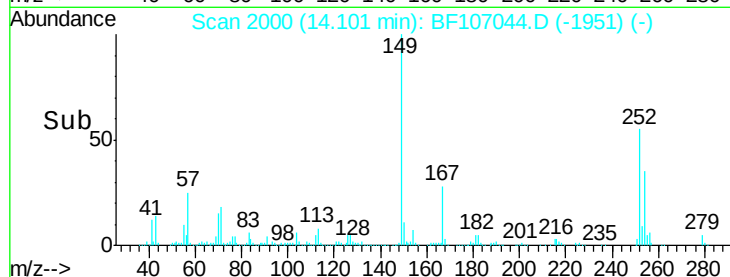
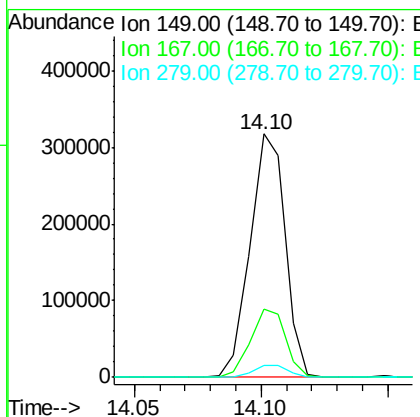
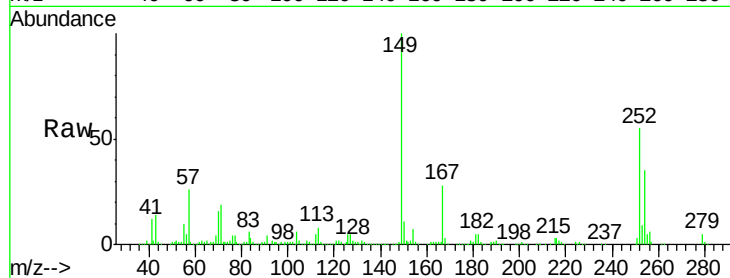




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.119 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

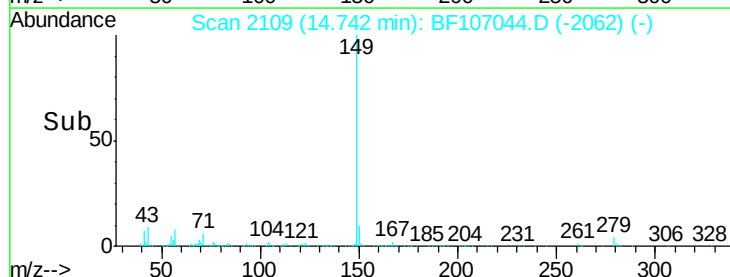
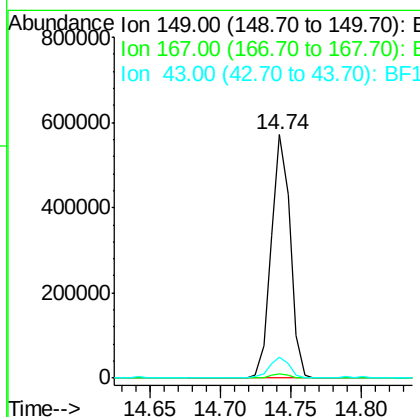
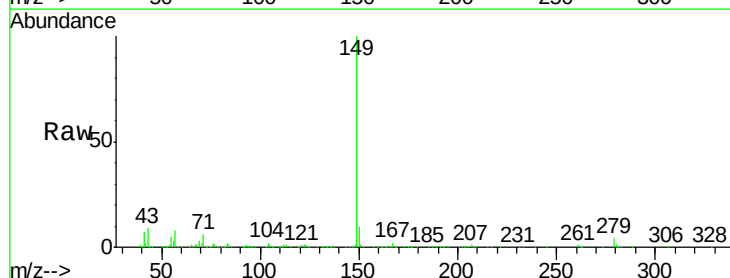
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MS

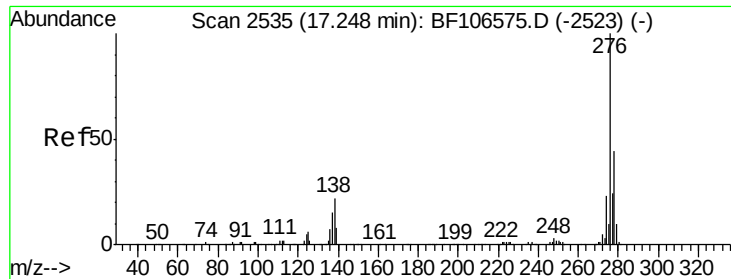
Tgt Ion:149 Resp: 307353
 Ion Ratio Lower Upper
 149 100
 167 28.2 21.3 31.9
 279 4.7 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 46.432 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BF107044.D
 Acq: 2 Jul 2018 15:09

Tgt Ion:149 Resp: 539500
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.088 ng

RT: 17.31 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

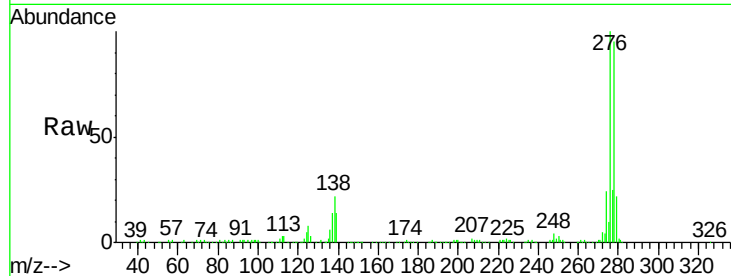
Tgt Ion:276 Resp: 421624

Ion Ratio Lower Upper

276 100

138 20.7 25.0 37.6#

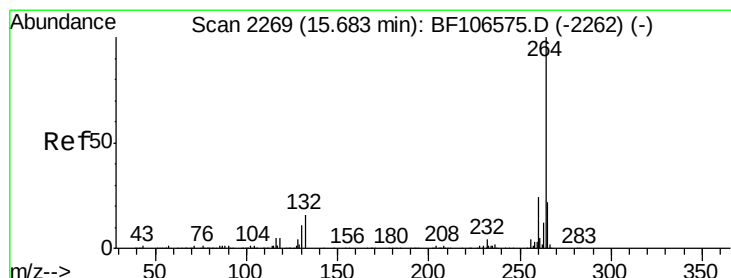
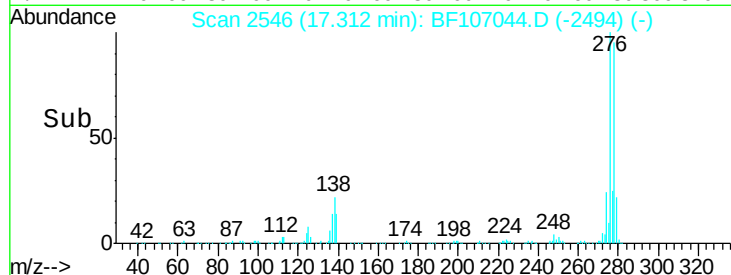
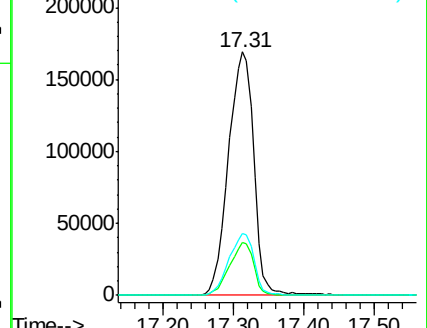
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

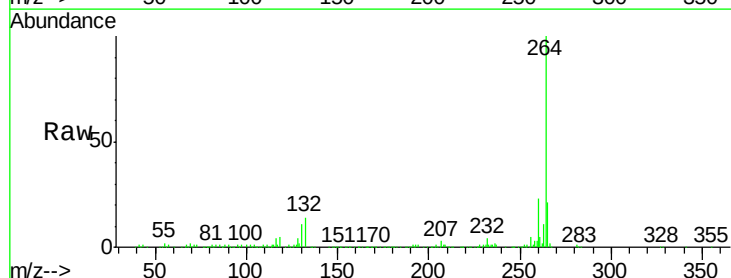
Tgt Ion:264 Resp: 171873

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

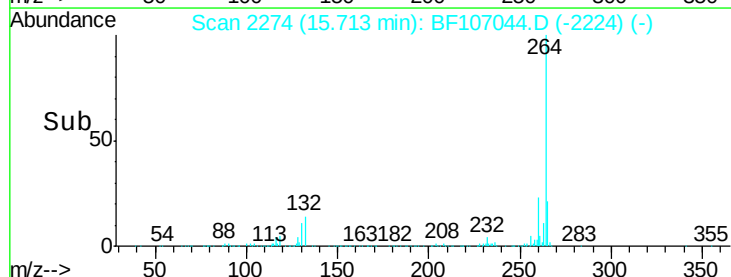
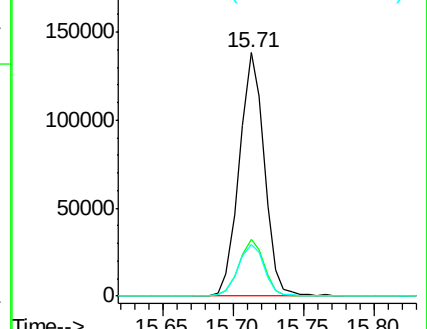
265 21.3 17.5 26.3

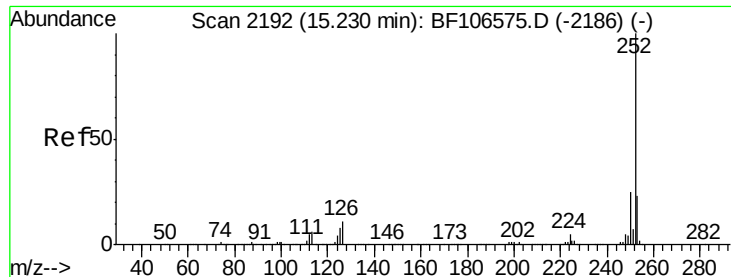


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

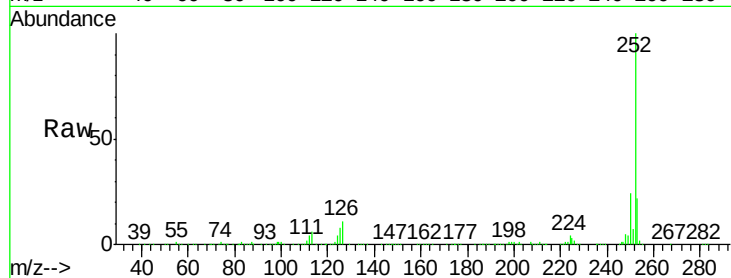




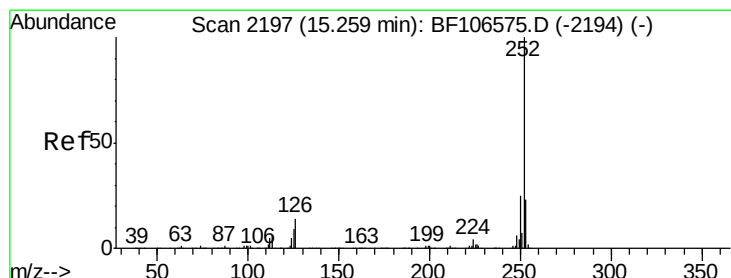
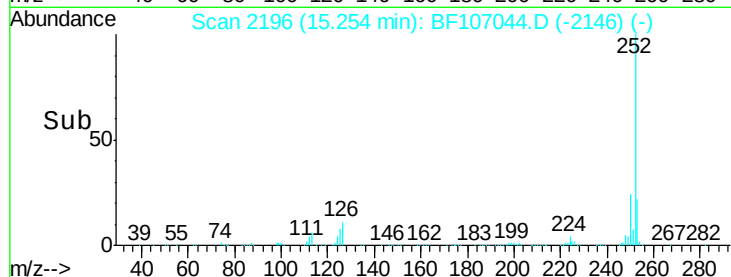
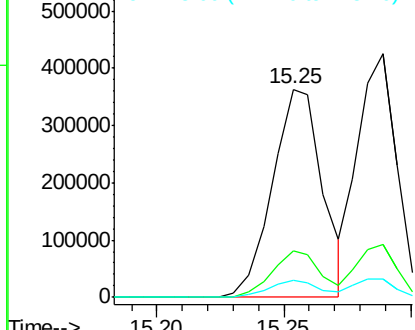
#87
Benzo(b)fluoranthene
Concen: 46.832 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Instrument :
BNA_F
ClientSampleId :
JCSA-302MS

Tgt Ion:252 Resp: 500011
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 8.4 9.0 13.6#

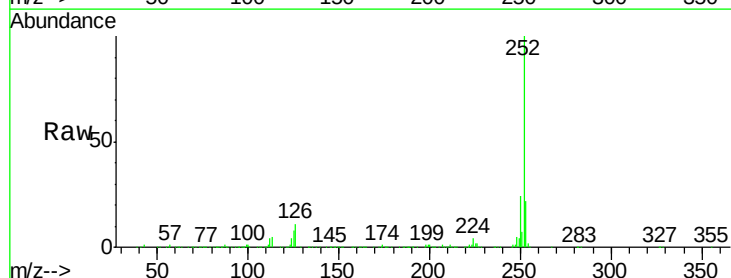


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

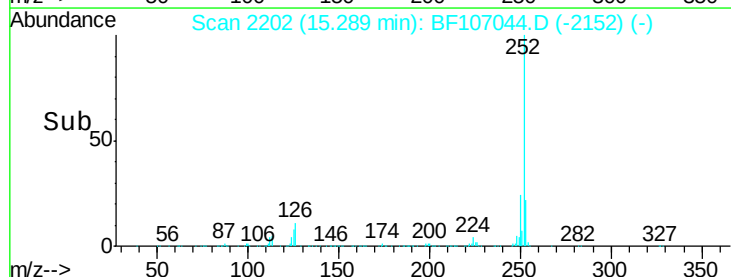
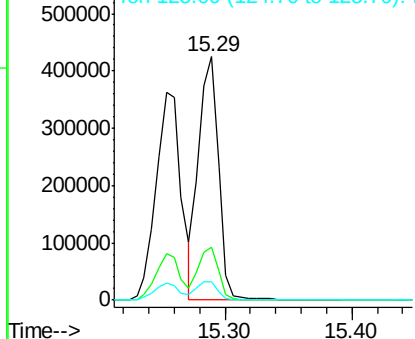


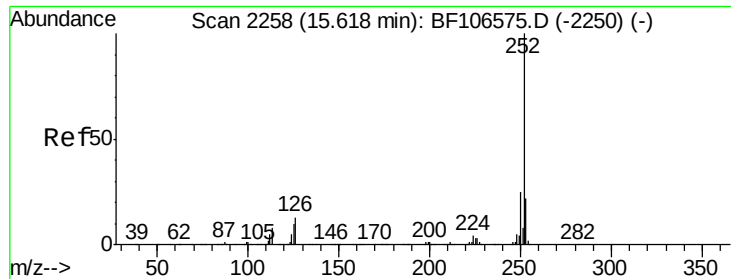
#88
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 15.29 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF107044.D
Acq: 2 Jul 2018 15:09

Tgt Ion:252 Resp: 460110
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 7.8 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.907 ng

RT: 15.65 min Scan# 2264

Delta R.T. 0.00 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS

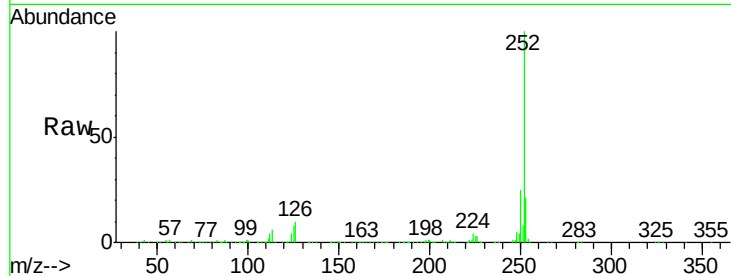
Tgt Ion:252 Resp: 445211

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

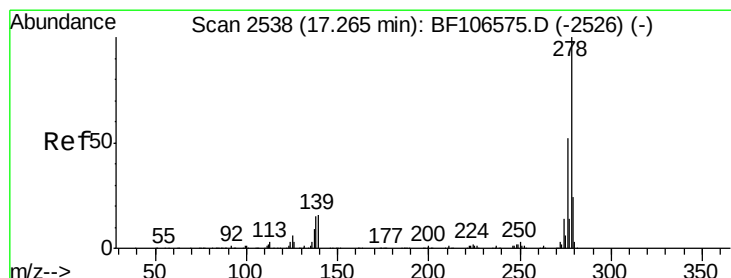
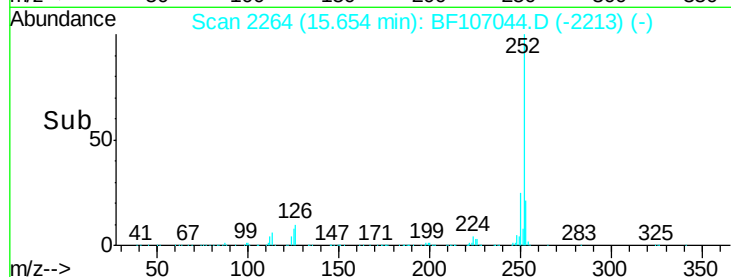
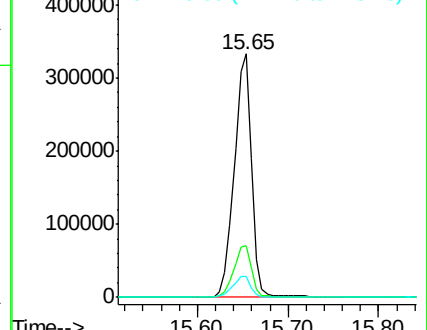
125 8.3 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.024 ng

RT: 17.32 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF107044.D

Acq: 2 Jul 2018 15:09

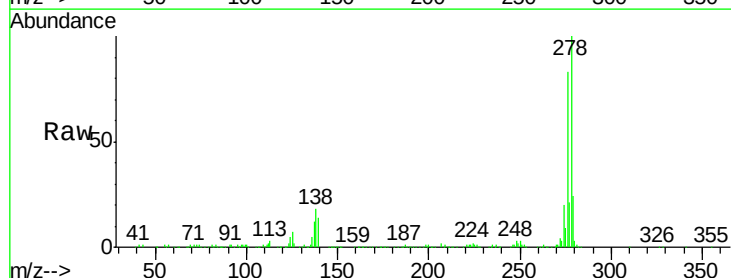
Tgt Ion:278 Resp: 362167

Ion Ratio Lower Upper

278 100

139 13.6 15.9 23.9#

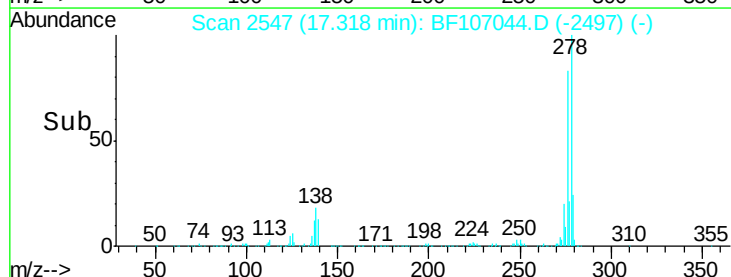
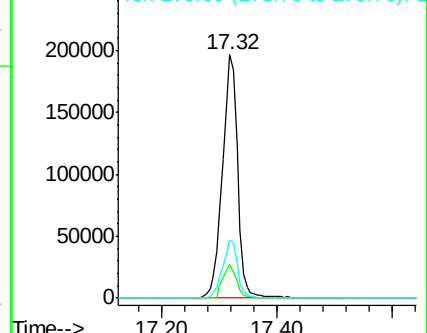
279 23.8 19.0 28.4

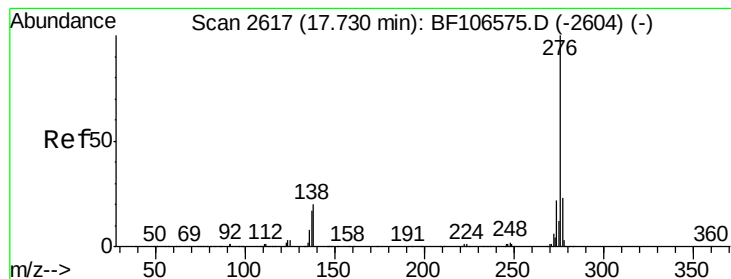


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.832 ng

RT: 17.79 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BF107044.D

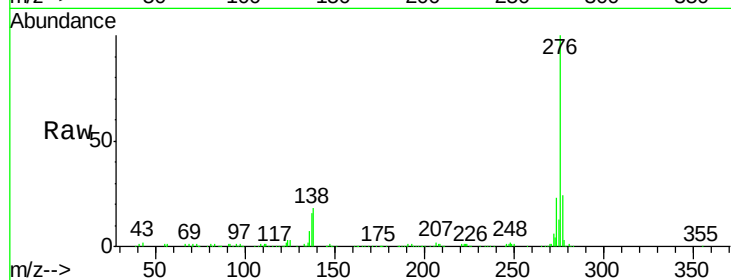
Acq: 2 Jul 2018 15:09

Instrument :

BNA_F

ClientSampleId :

JCSA-302MS



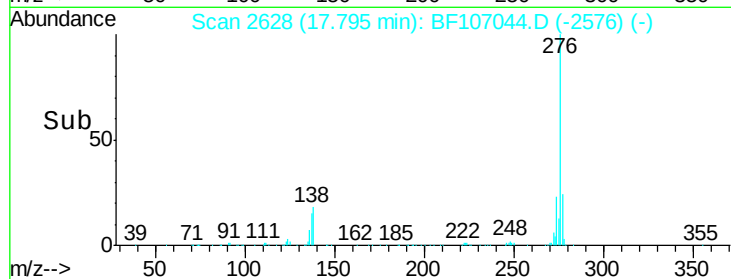
Tgt Ion: 276 Resp: 344612

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 17.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

