

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
 Data File : BF107045.D
 Acq On : 2 Jul 2018 15:36
 Operator : JU/SJ
 Sample : J3742-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Quant Time: Jul 02 17:23:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87218	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	325862	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	164894	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	296409	20.00	ng	0.00
75) Chrysene-d12	14.15	240	226793	20.00	ng	-0.01
86) Perylene-d12	15.70	264	201071	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	556328	108.01	ng	0.02
7) Phenol-d6	6.61	99	646604	100.53	ng	0.00
23) Nitrobenzene-d5	7.53	82	498665	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	250342	130.99	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	906929	94.80	ng	0.00
78) Terphenyl-d14	13.08	244	919189	98.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	80758	30.497	ng	# 84
3) Pyridine	3.72	79	181732	25.305	ng	98
4) n-Nitrosodimethylamine	3.68	42	97113	31.838	ng	87
6) Aniline	6.63	93	122553	14.046	ng	# 26
8) 2-Chlorophenol	6.75	128	225901	39.987	ng	98
9) Benzaldehyde	6.51	77	65875	12.542	ng	99
10) Phenol	6.62	94	234356	31.925	ng	86
11) bis(2-Chloroethyl)ether	6.70	93	231469	38.195	ng	100
12) 1,3-Dichlorobenzene	6.90	146	272564	41.193	ng	97
13) 1,4-Dichlorobenzene	6.98	146	274542	41.041	ng	97
14) 1,2-Dichlorobenzene	7.13	146	251196	40.974	ng	97
15) Benzyl Alcohol	7.11	79	185024	35.824	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	315134	39.634	ng	# 18
17) 2-Methylphenol	7.22	107	191881	39.689	ng	# 87
18) Hexachloroethane	7.46	117	88442	37.596	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	159899	37.713	ng	92
20) 3+4-Methylphenols	7.38	107	236911	45.551	ng	89
22) Acetophenone	7.37	105	323829	44.419	ng	99
24) Nitrobenzene	7.55	77	251300	41.978	ng	97
25) Isophorone	7.78	82	463224	44.832	ng	99
26) 2-Nitrophenol	7.86	139	131279	46.453	ng	94
27) 2,4-Dimethylphenol	7.90	122	213905	48.970	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	301592	43.473	ng	99
29) 2,4-Dichlorophenol	8.11	162	217750	47.615	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	244903	48.613	ng	97
31) Naphthalene	8.27	128	682903	44.825	ng	100
32) Benzoic acid	8.05	122	108105	35.693	ng	95
33) 4-Chloroaniline	8.31	127	60487	9.462	ng	99
34) Hexachlorobutadiene	8.37	225	159827	48.689	ng	99
35) Caprolactam	8.71	113	38372	25.741	ng	91
36) 4-Chloro-3-methylphenol	8.81	107	214053	44.469	ng	96
37) 2-Methylnaphthalene	8.95	142	504395	49.949	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	266999	48.081	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	39249	13.738	ng	96

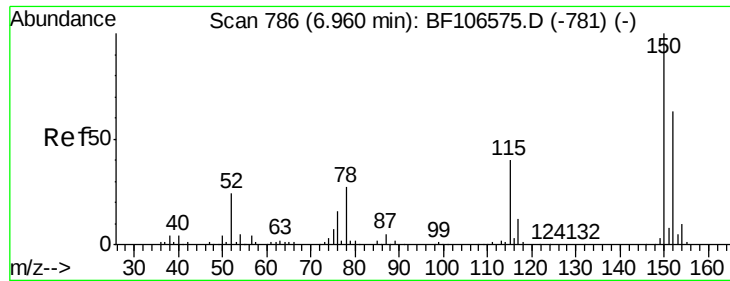
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070218\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157191	42.585	ng	95
43) 2,4,5-Trichlorophenol	9.30	196	160877	41.768	ng	# 85
45) 1,1'-Biphenyl	9.42	154	603600	45.932	ng	99
46) 2-Chloronaphthalene	9.45	162	439857	42.523	ng	96
47) 2-Nitroaniline	9.55	65	134416	38.643	ng	99
48) Acenaphthylene	9.87	152	667073	40.847	ng	98
49) Dimethylphthalate	9.71	163	527427	42.647	ng	98
50) 2,6-Dinitrotoluene	9.79	165	118690	45.322	ng	94
51) Acenaphthene	10.04	154	410875	39.953	ng	98
52) 3-Nitroaniline	9.96	138	51856	17.208	ng	98
53) 2,4-Dinitrophenol	10.08	184	49081	38.988	ng	# 19
54) Dibenzofuran	10.21	168	611094	43.396	ng	95
55) 4-Nitrophenol	10.15	139	92624	44.033	ng	95
56) 2,4-Dinitrotoluene	10.20	165	143361	41.940	ng	91
57) Fluorene	10.55	166	482440	43.174	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	137835	45.018	ng	# 76
59) Diethylphthalate	10.41	149	487881	40.873	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	258261	44.172	ng	# 87
61) 4-Nitroaniline	10.58	138	97857	32.720	ng	94
62) Azobenzene	10.70	77	446057	37.948	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	45873	25.037	ng	76
65) n-Nitrosodiphenylamine	10.66	169	415961	41.722	ng	98
66) 4-Bromophenyl-phenylether	11.03	248	171696	48.536	ng	# 80
67) Hexachlorobenzene	11.11	284	177841	48.033	ng	# 81
68) Atrazine	11.19	200	142881	45.081	ng	93
69) Pentachlorophenol	11.31	266	119144	64.493	ng	99
70) Phenanthrene	11.52	178	646886	45.248	ng	99
71) Anthracene	11.58	178	656445	44.985	ng	99
72) Carbazole	11.73	167	567138	41.512	ng	98
73) Di-n-butylphthalate	12.04	149	709552	44.085	ng	99
74) Fluoranthene	12.72	202	659431	41.849	ng	94
76) Benzidine	12.84	184	237871	36.828	ng	97
77) Pyrene	12.95	202	649484	43.428	ng	100
79) Butylbenzylphthalate	13.55	149	260505	42.366	ng	# 88
80) Benzo(a)anthracene	14.15	228	613858	44.410	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	192699	39.666	ng	# 95
82) Chrysene	14.18	228	566289	44.532	ng	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	319506	40.643	ng	# 93
84) Di-n-octyl phthalate	14.74	149	569764	44.464	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	483152	44.771	ng	# 89
87) Benzo(b)fluoranthene	15.25	252	551191	44.129	ng	# 96
88) Benzo(k)fluoranthene	15.28	252	529286	44.498	ng	# 95
89) Benzo(a)pyrene	15.64	252	508358	45.783	ng	# 96
90) Dibenzo(a,h)anthracene	17.31	278	407037	43.255	ng	# 93
91) Benzo(g,h,i)perylene	17.78	276	390108	42.413	ng	# 90

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

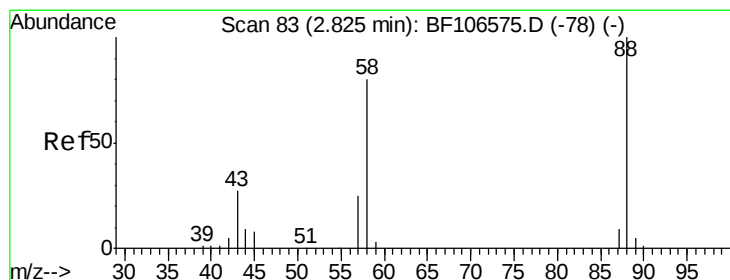
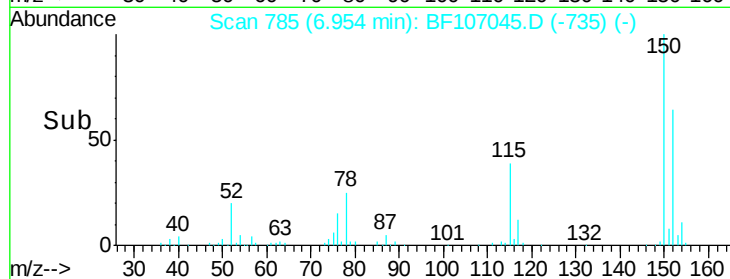
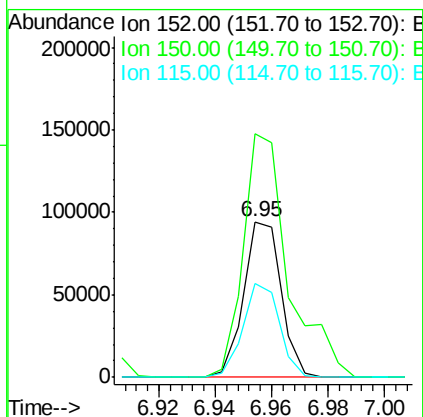
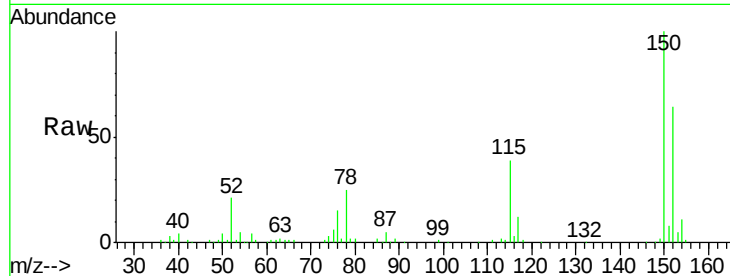


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

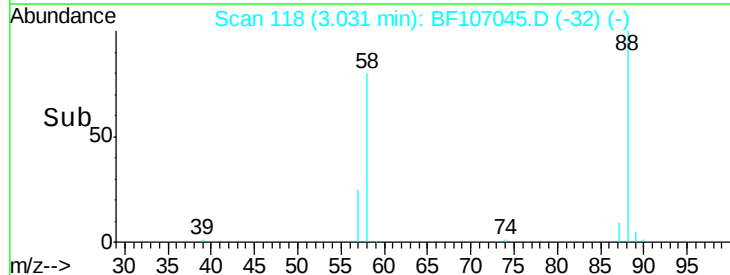
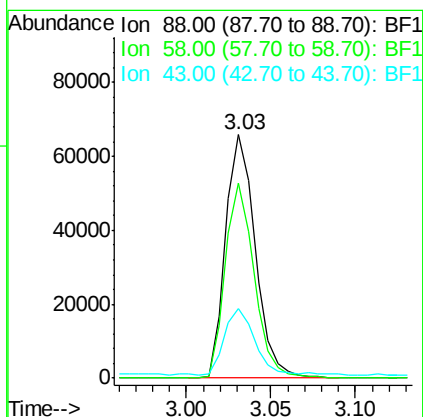
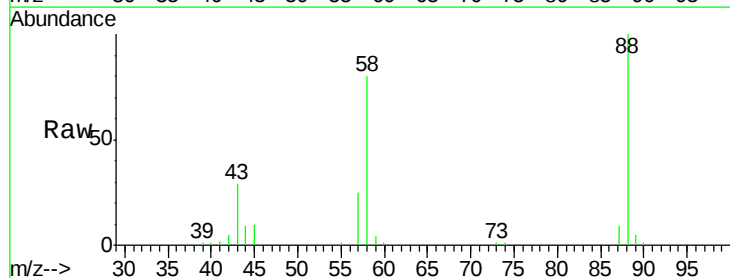
Tgt Ion:152 Resp: 87218
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 60.6 50.1 75.1

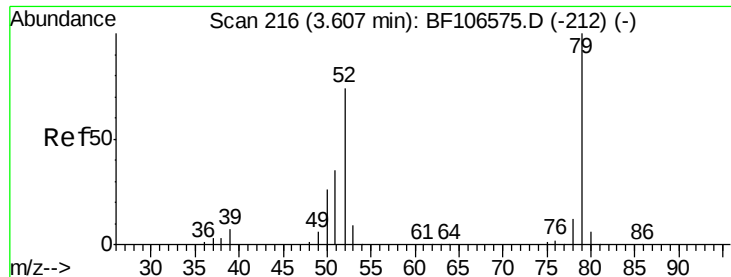


#2

1,4-Dioxane
Concen: 30.497 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.21 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion: 88 Resp: 80758
Ion Ratio Lower Upper
88 100
58 78.2 62.6 93.8
43 0.0 24.6 37.0#





#3

Pyridine

Concen: 25.305 ng

RT: 3.72 min Scan# 236

Delta R.T. 0.12 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

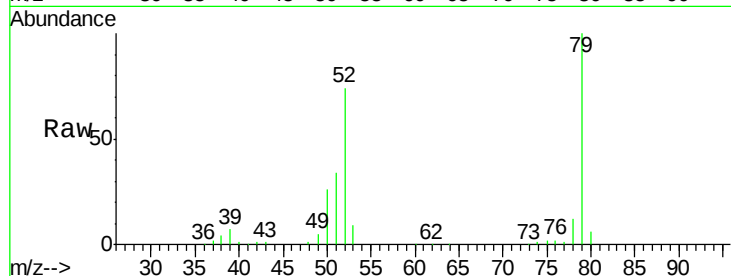
Tgt Ion: 79 Resp: 181732

Ion Ratio Lower Upper

79 100

52 74.2 59.8 89.6

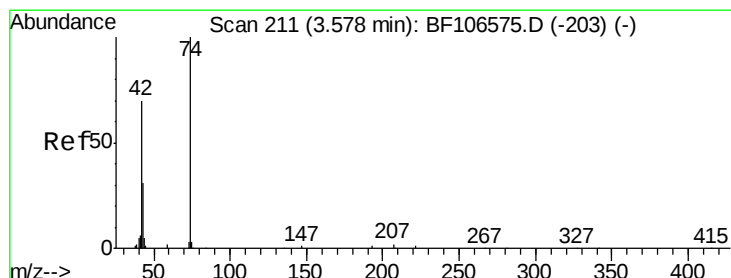
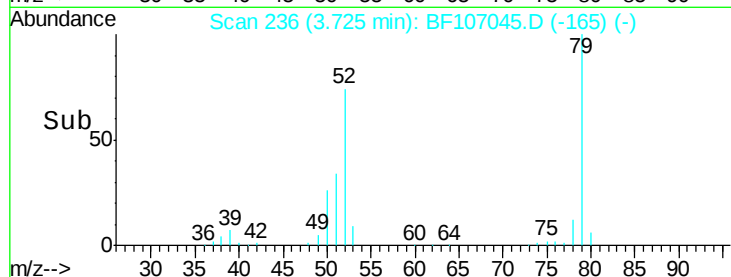
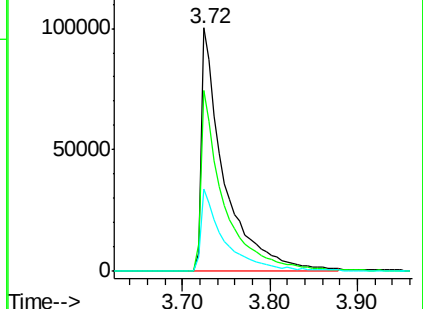
51 34.0 29.8 44.8



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: 31.838 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.09 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

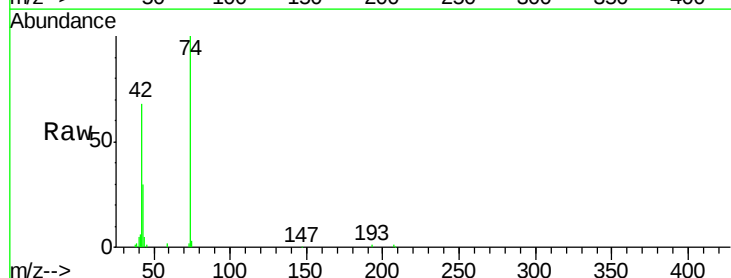
Tgt Ion: 42 Resp: 97113

Ion Ratio Lower Upper

42 100

74 146.7 104.9 157.3

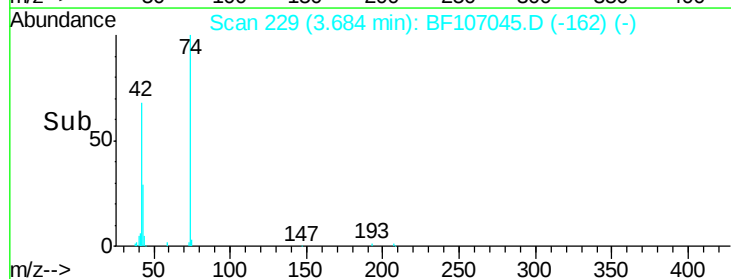
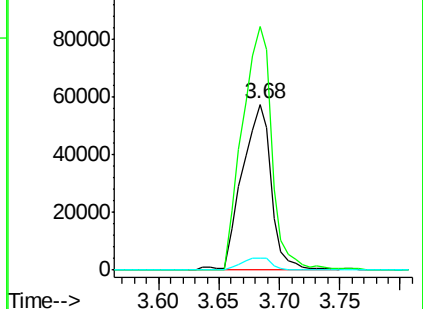
44 7.4 6.9 10.3

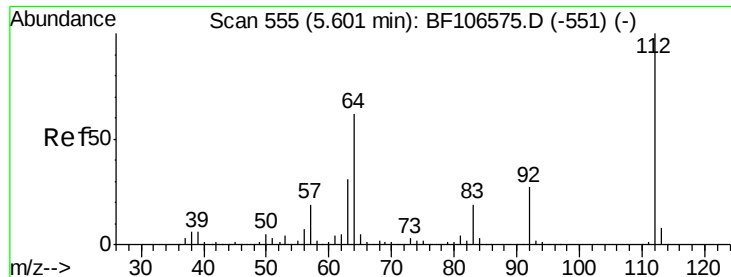


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 108.010 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

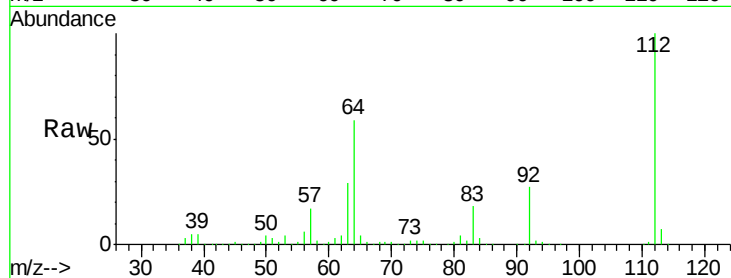
Tgt Ion: 112 Resp: 556328

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

63 28.8 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

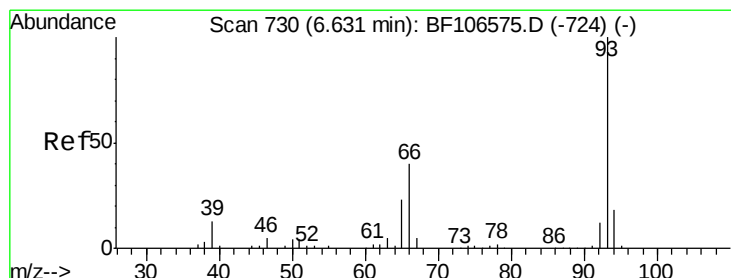
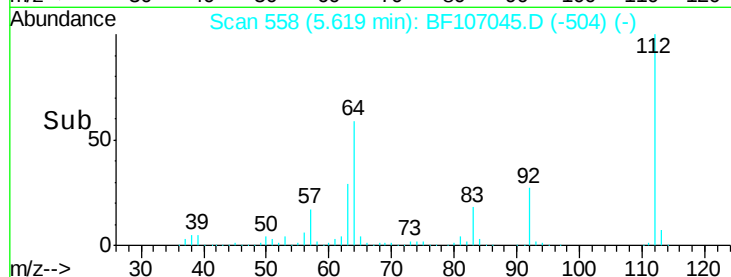
400000

200000

0

5.55 5.60 5.65 5.70

Time-->



#6

Aniline

Concen: 14.046 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

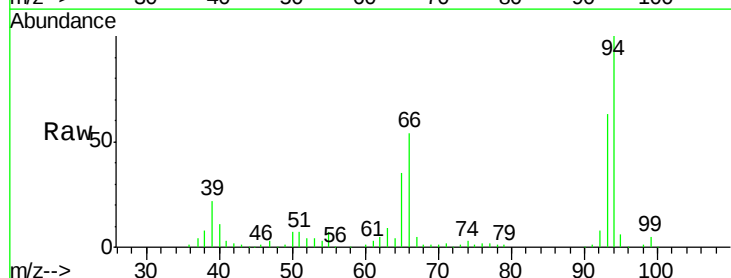
Tgt Ion: 93 Resp: 122553

Ion Ratio Lower Upper

93 100

66 85.6 32.2 48.2#

65 56.1 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

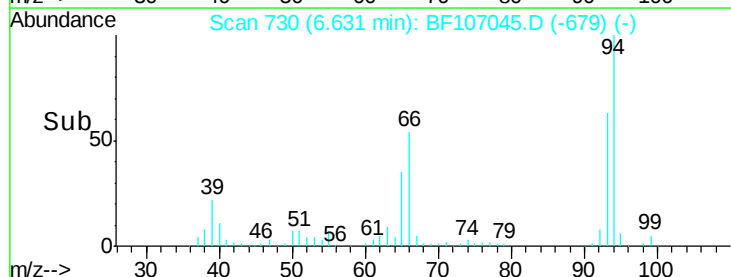
200000

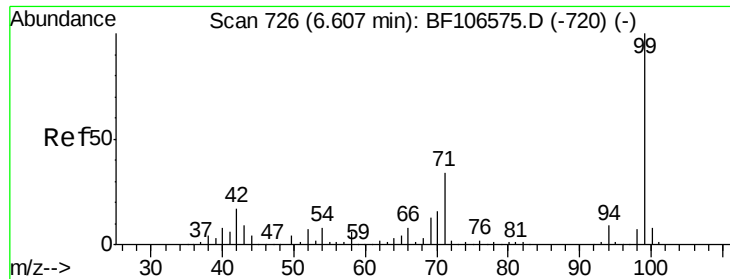
100000

0

6.60 6.65

Time-->





#7

Phenol-d6

Concen: 100.525 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

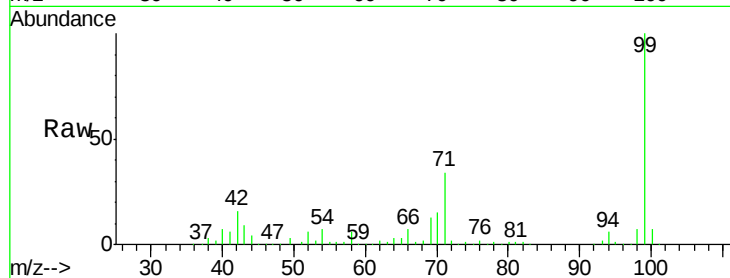
Tgt Ion: 99 Resp: 646604

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

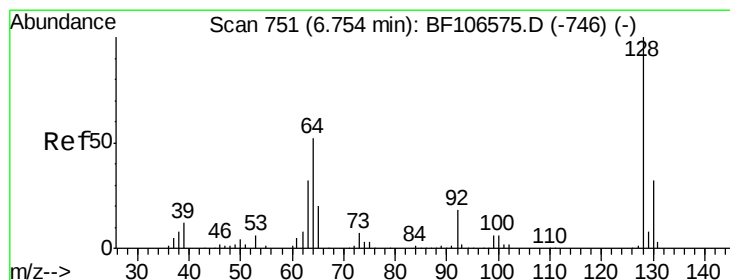
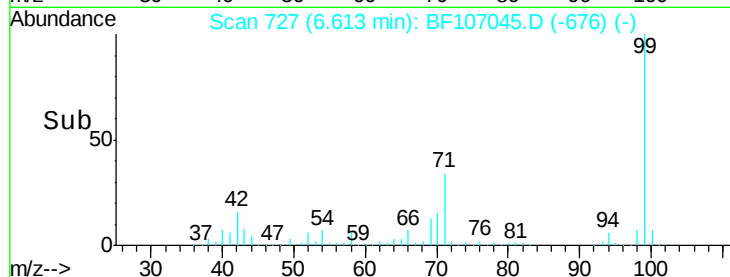
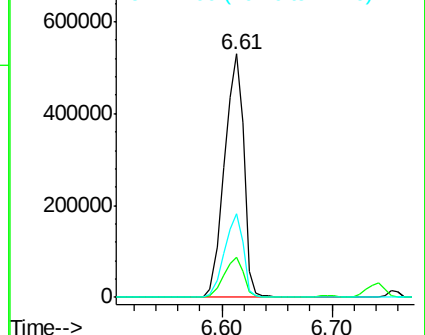
71 34.5 25.4 38.0



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: 39.987 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

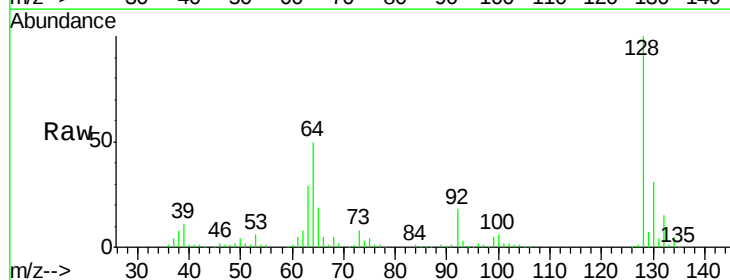
Tgt Ion: 128 Resp: 225901

Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

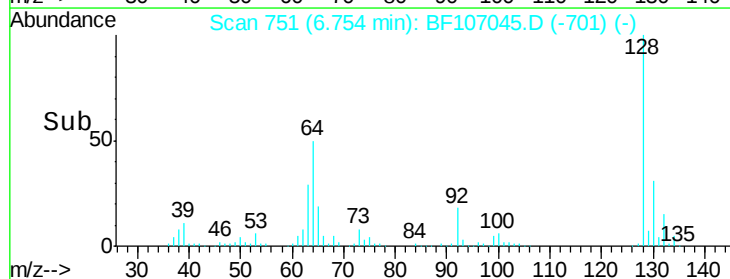
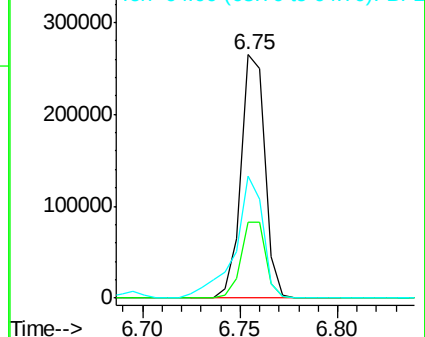
64 50.3 29.4 69.4

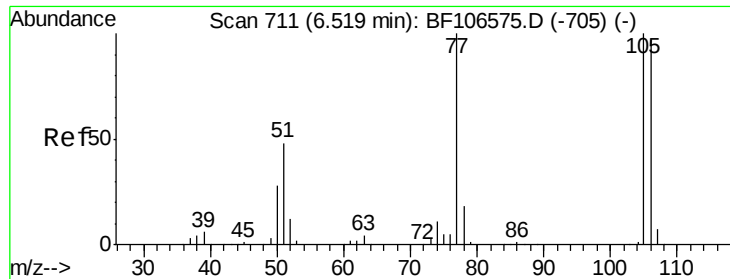


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.542 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

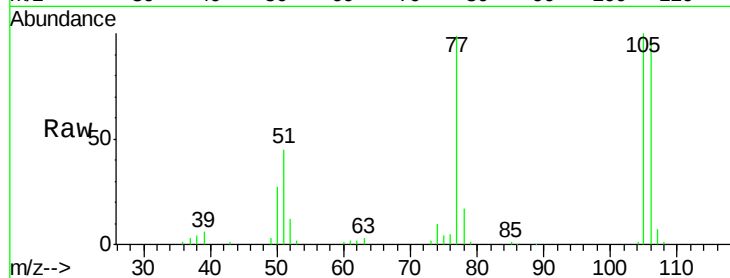
Tgt Ion: 77 Resp: 65875

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

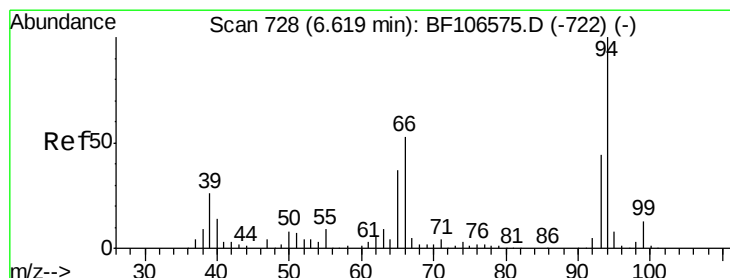
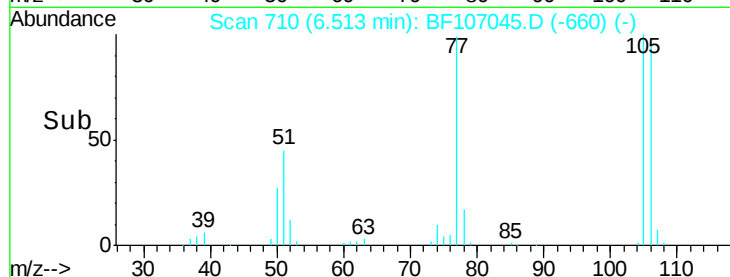
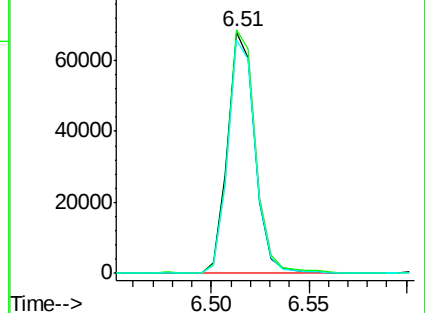
106 96.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.925 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

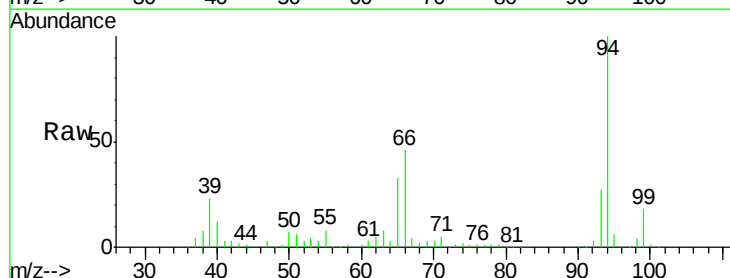
Tgt Ion: 94 Resp: 234356

Ion Ratio Lower Upper

94 100

65 33.1 7.9 47.9

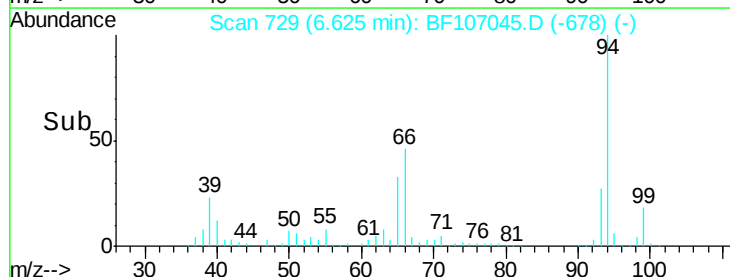
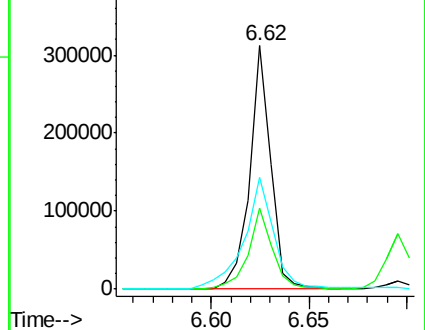
66 45.9 16.2 56.2

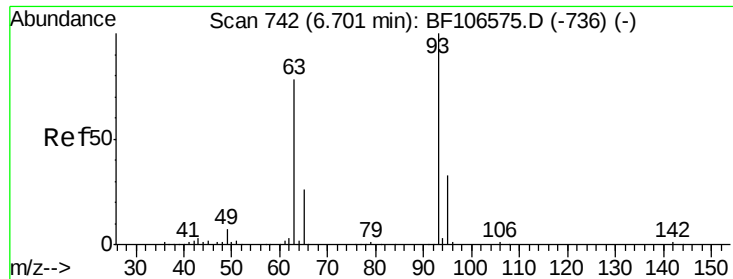


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

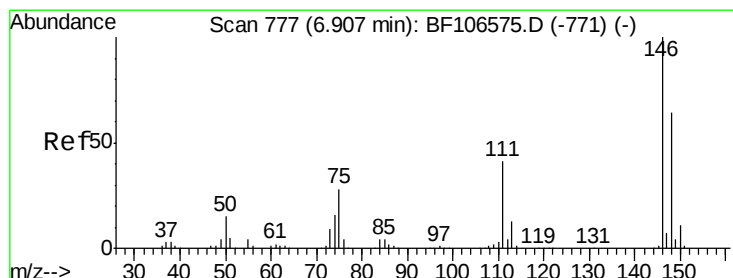
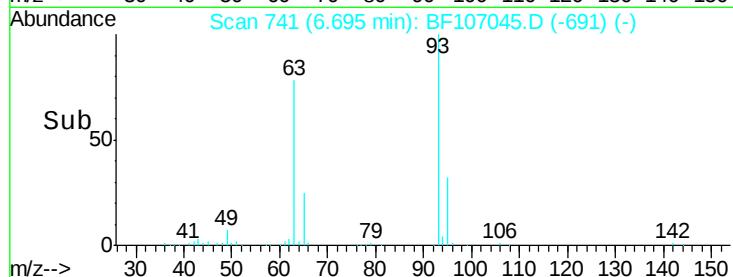
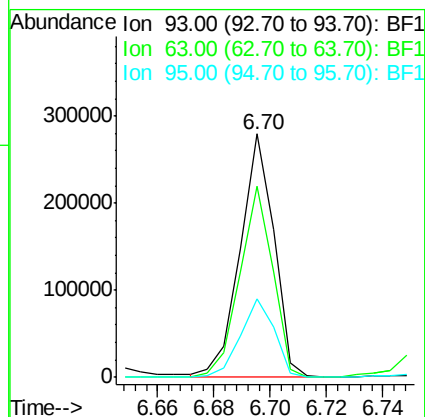
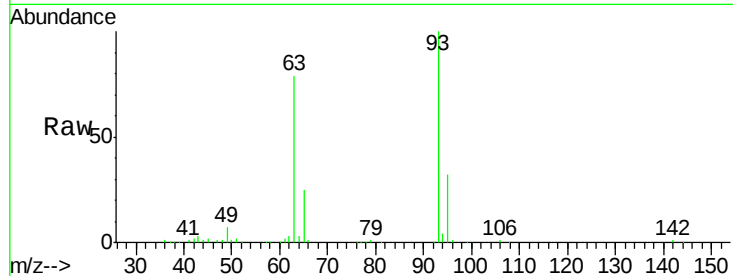




#11
bis(2-Chloroethyl)ether
Concen: 38.195 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

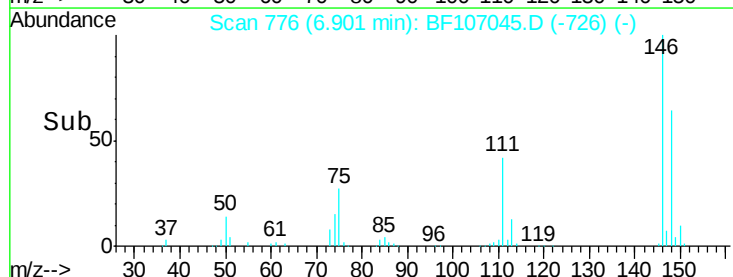
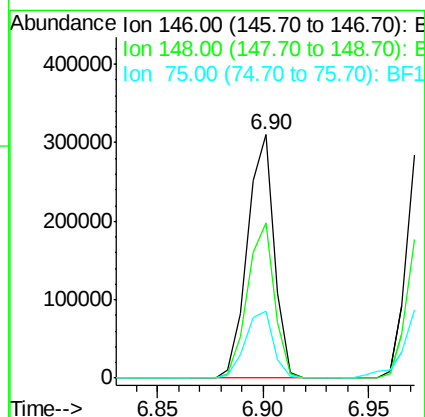
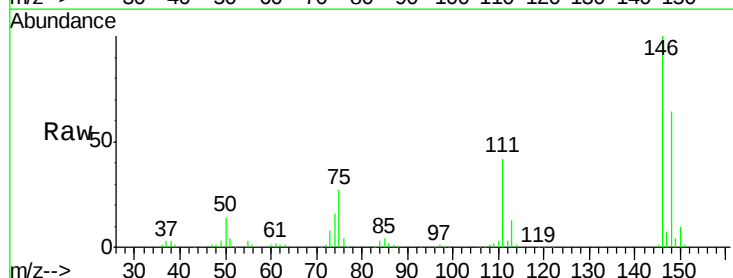
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

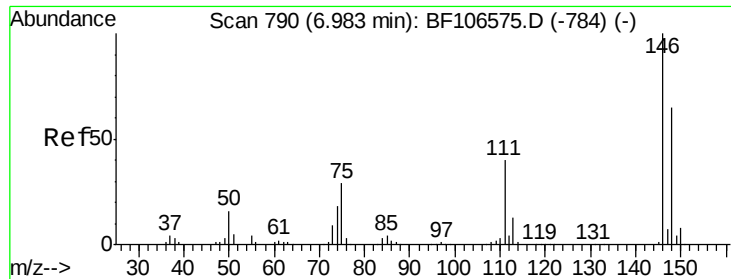
Tgt Ion: 93 Resp: 231469
Ion Ratio Lower Upper
93 100
63 78.7 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.193 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion: 146 Resp: 272564
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 27.5 24.2 36.4

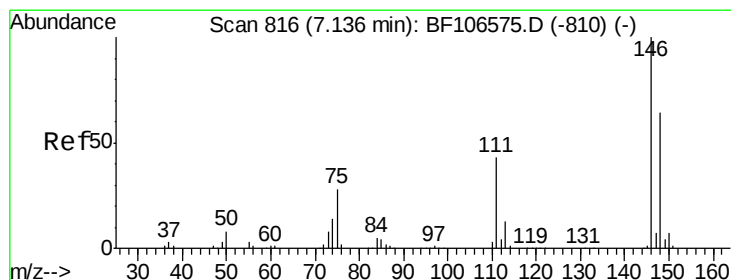
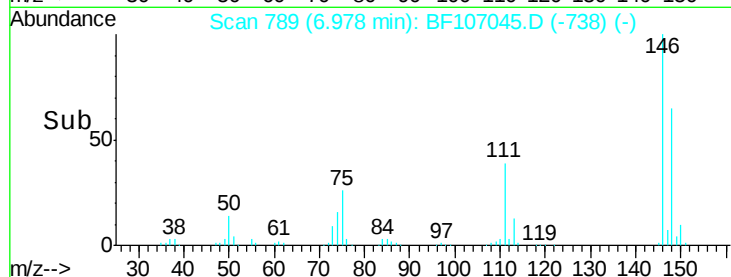
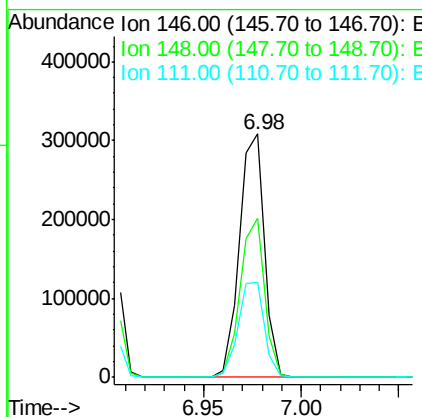
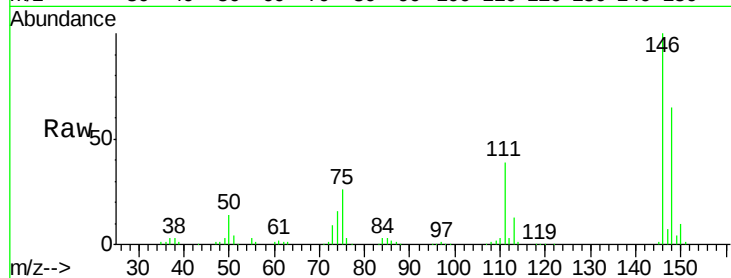




#13
 1,4-Dichlorobenzene
 Concen: 41.041 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

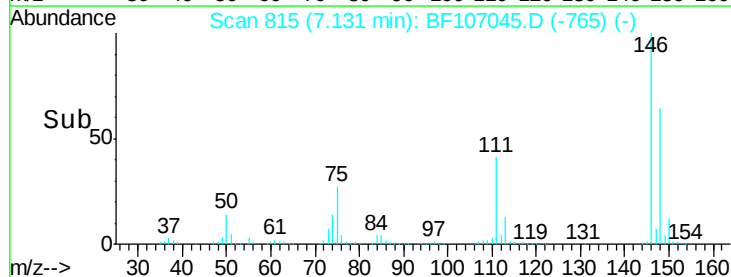
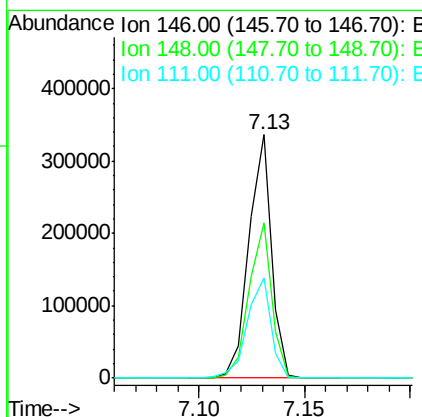
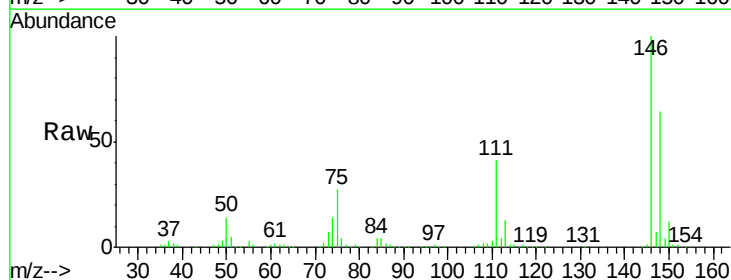
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

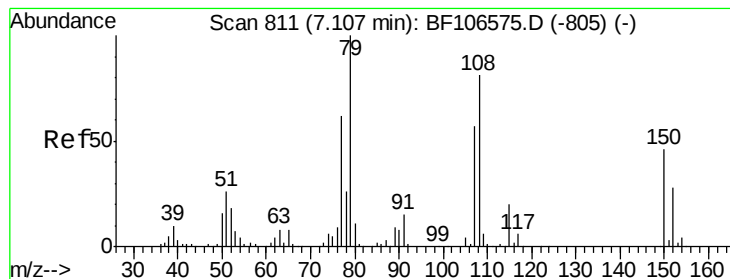
Tgt Ion:146 Resp: 274542
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 39.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.974 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:146 Resp: 251196
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 41.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 35.824 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

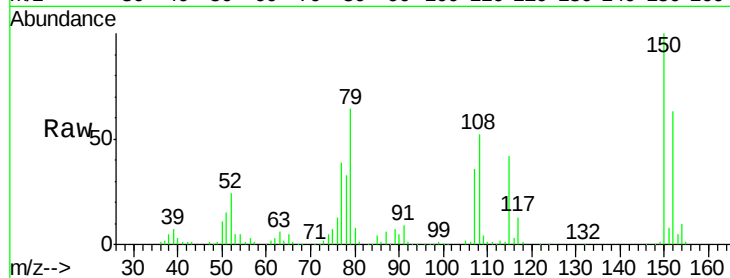
Tgt Ion: 79 Resp: 185024

Ion Ratio Lower Upper

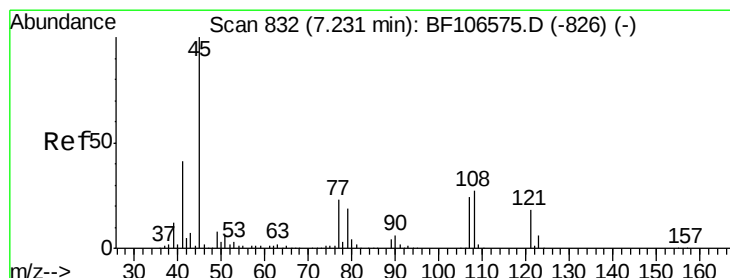
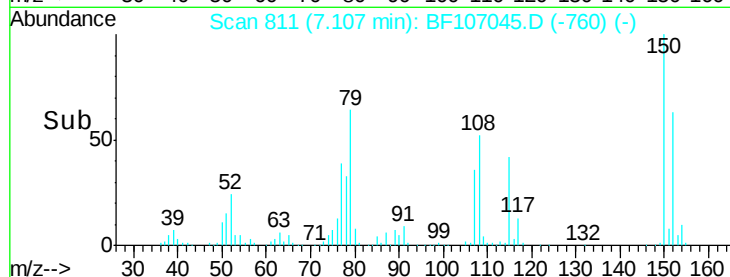
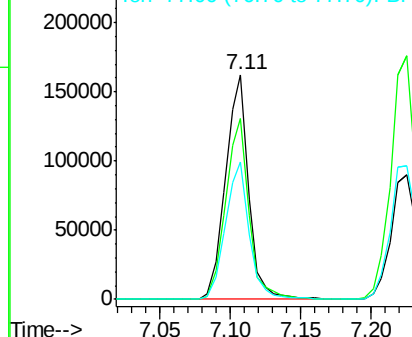
79 100

108 80.5 65.1 97.7

77 61.1 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: 39.634 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

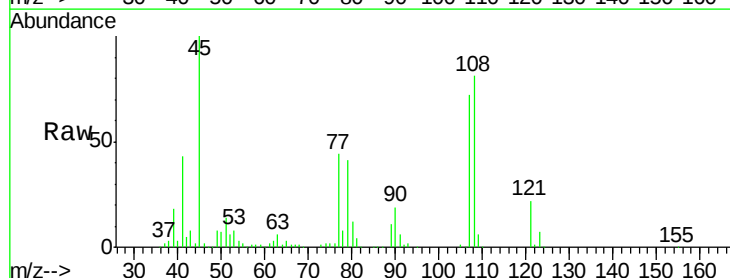
Tgt Ion: 45 Resp: 315134

Ion Ratio Lower Upper

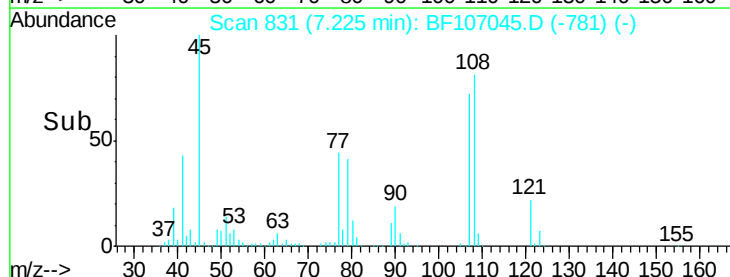
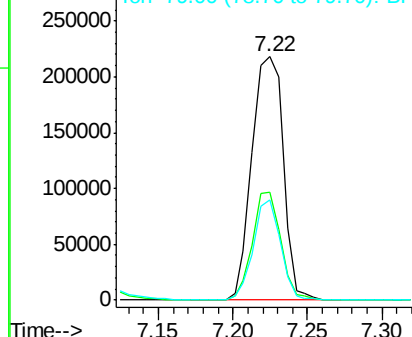
45 100

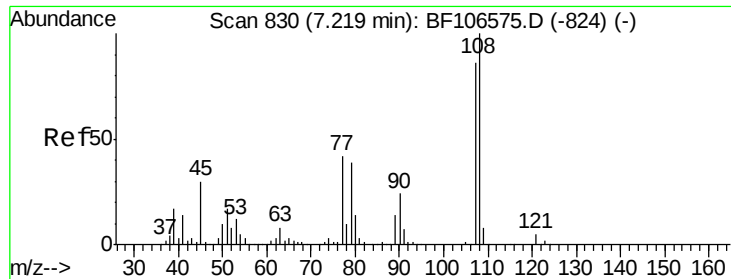
77 44.1 0.0 32.9#

79 41.2 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

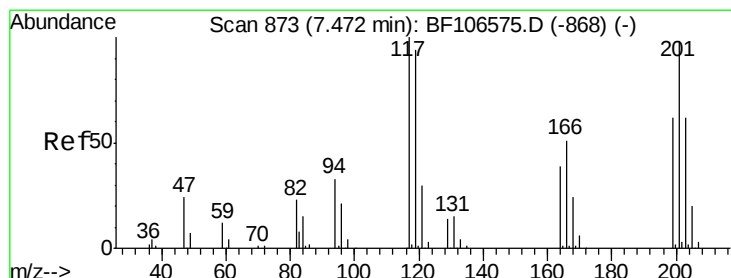
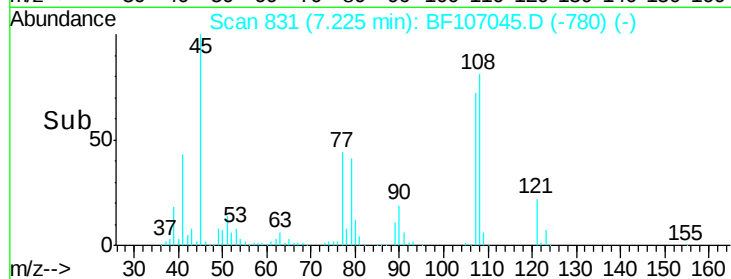
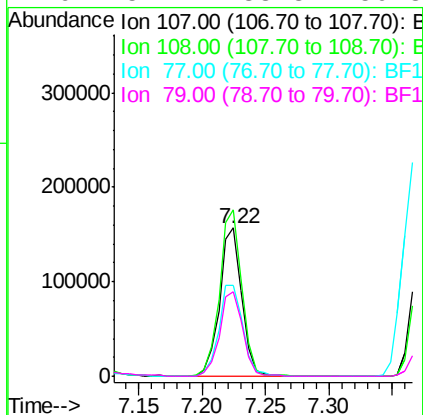
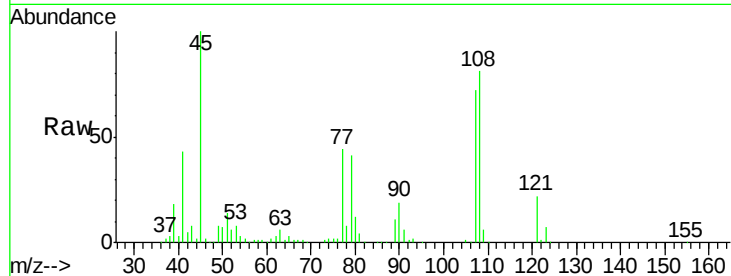




#17
2-Methylphenol
Concen: 39.689 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

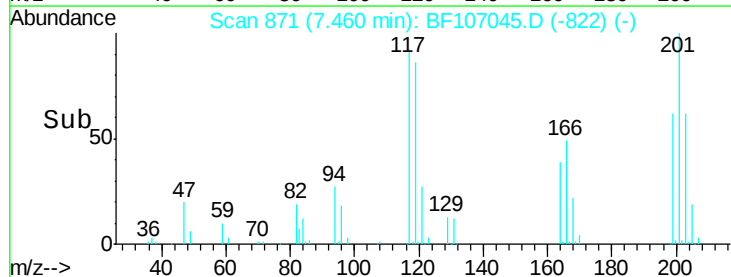
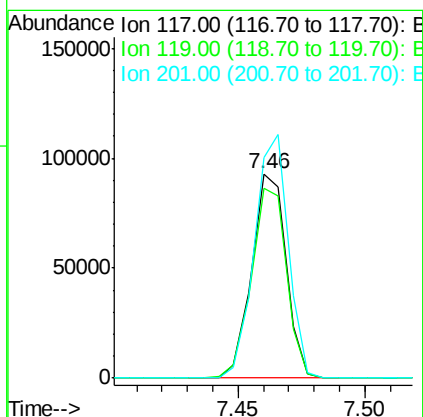
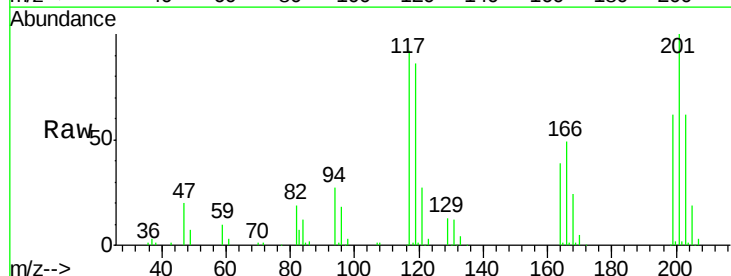
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

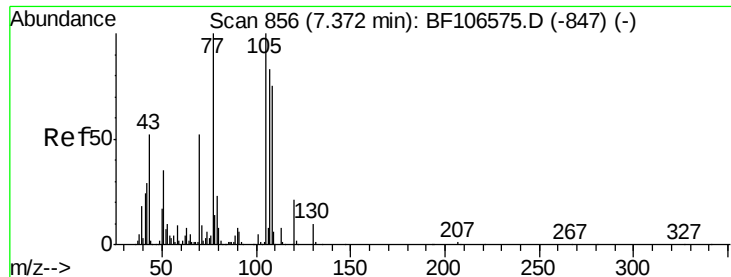
Tgt Ion:107 Resp: 191881
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 61.2 33.8 50.8#
79 57.2 33.8 50.8#



#18
Hexachloroethane
Concen: 37.596 ng
RT: 7.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:117 Resp: 88442
Ion Ratio Lower Upper
117 100
119 93.0 75.8 113.8
201 108.3 75.7 113.5

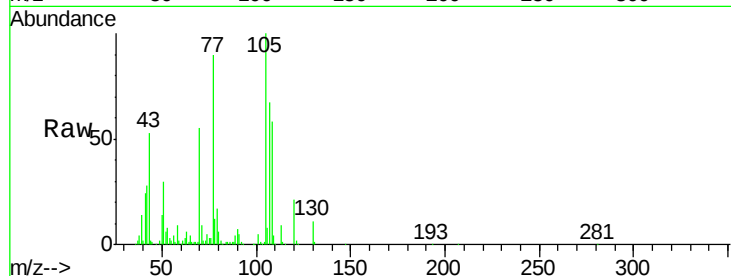




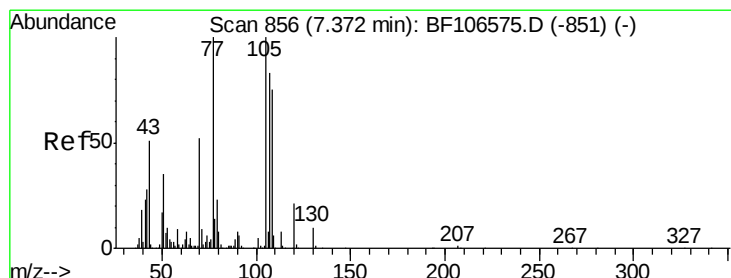
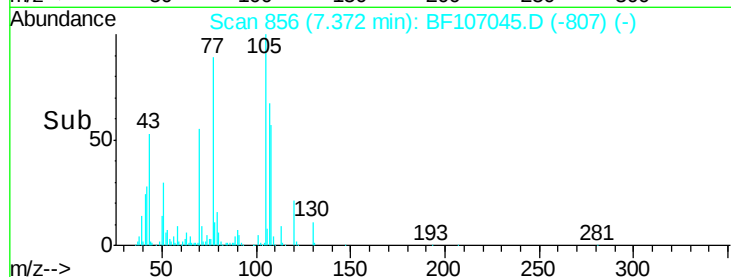
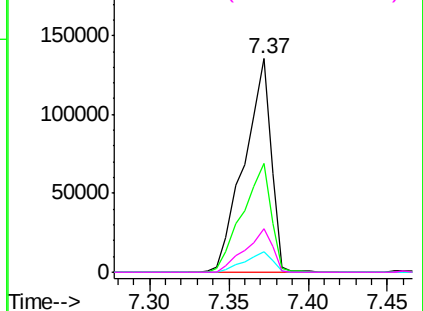
#19
n-Nitroso-di-n-propylamine
Concen: 37.713 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

Tgt Ion:	70	Resp:	159899
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	9.6	7.4	11.2
130	20.2	16.6	25.0

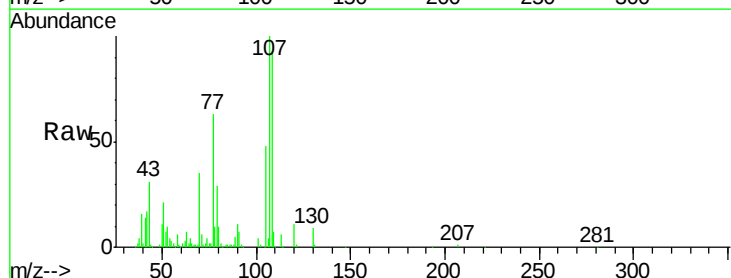


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

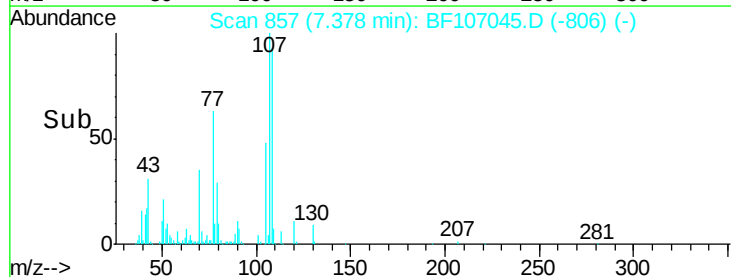
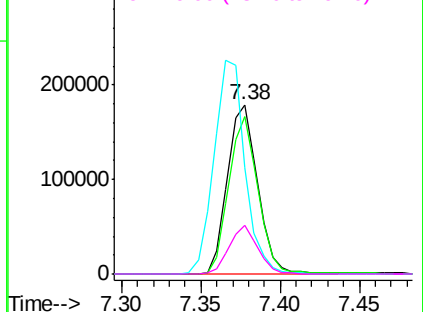


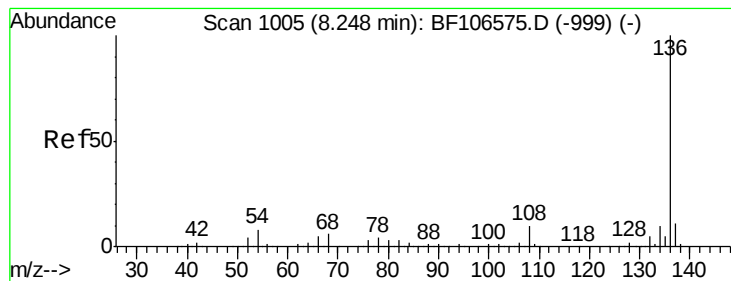
#20
3+4-Methylphenols
Concen: 45.551 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:	107	Resp:	236911
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.2	108.2
77	63.0	26.7	66.7
79	28.8	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: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

Tgt Ion:136 Resp: 325862

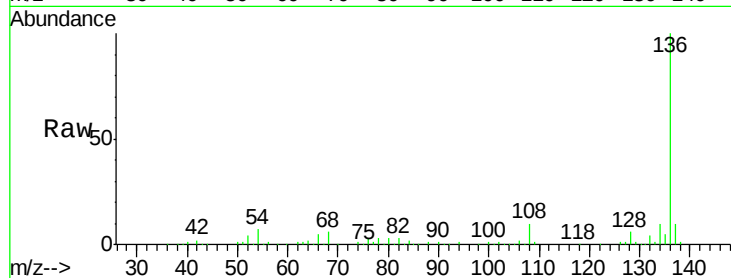
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

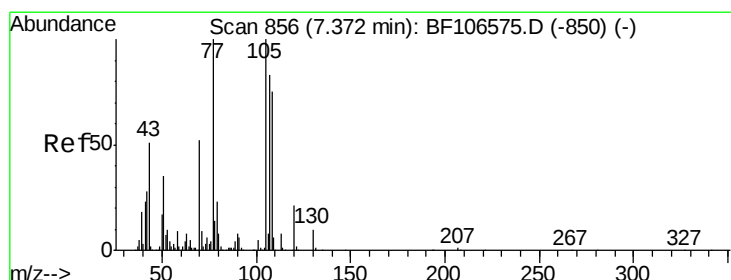
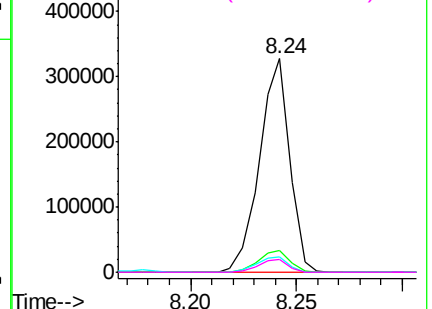
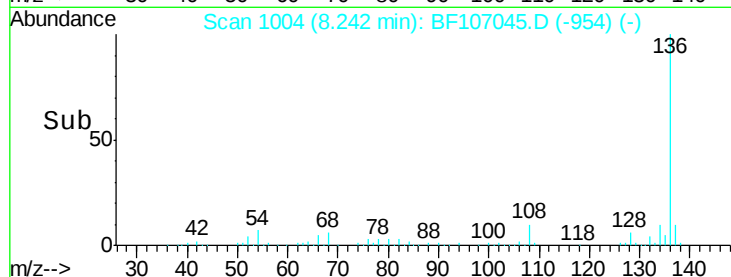


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.419 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Tgt Ion:105 Resp: 323829

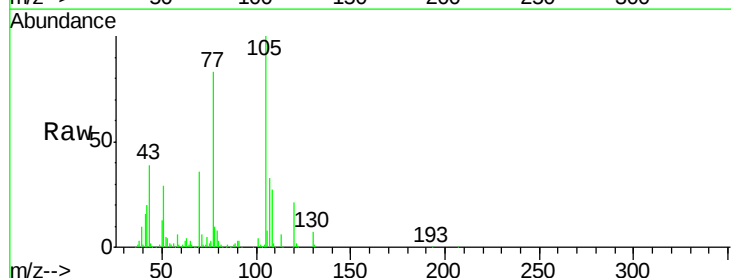
Ion Ratio Lower Upper

105 100

71 6.1 4.4 6.6

51 28.5 22.3 33.5

120 21.1 16.9 25.3

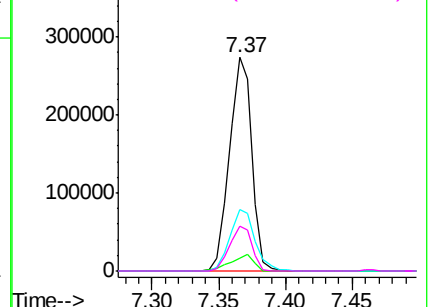
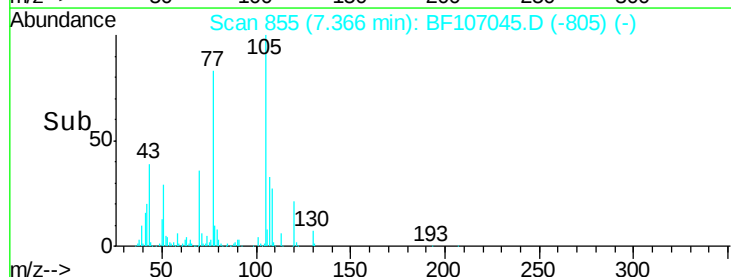


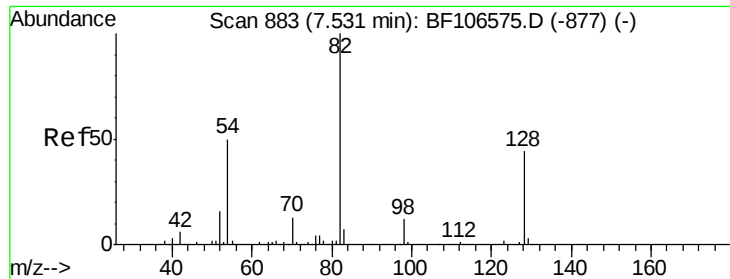
Abundance Ion 105.00 (104.70 to 105.70): E

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

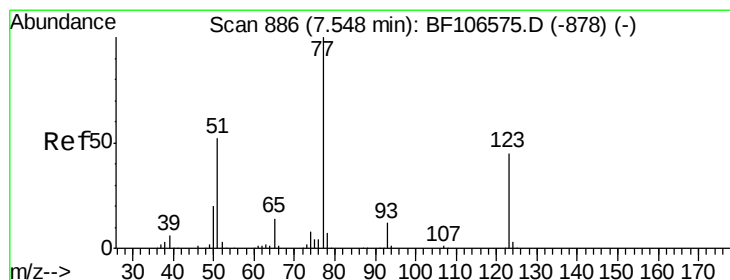
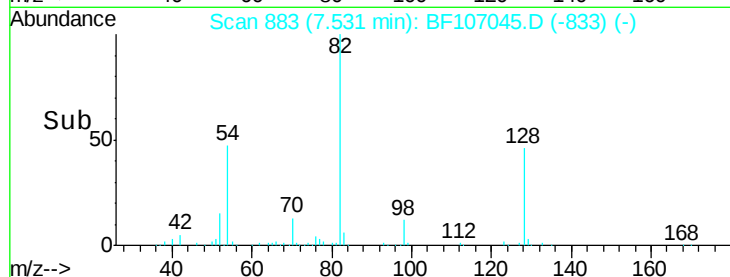
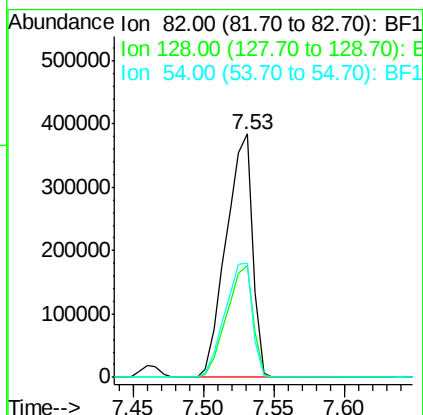
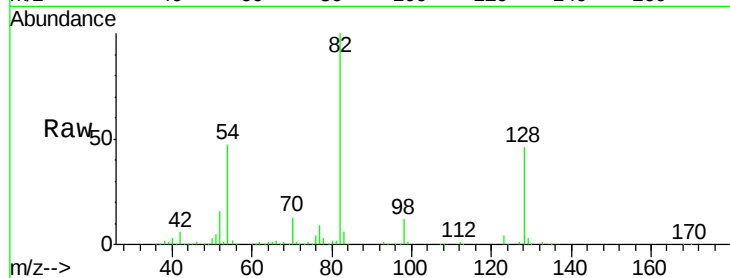




#23
Nitrobenzene-d5
Concen: 85.044 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

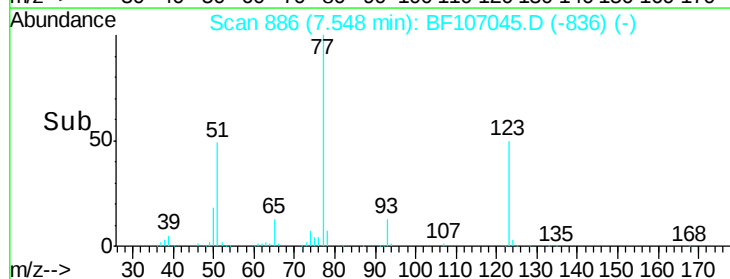
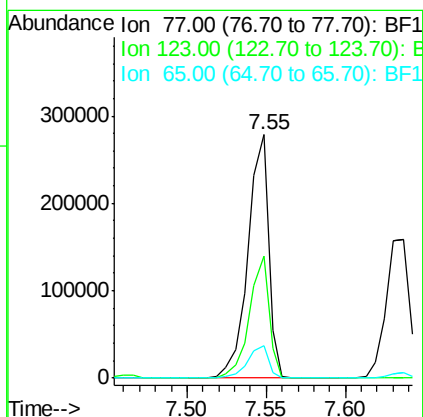
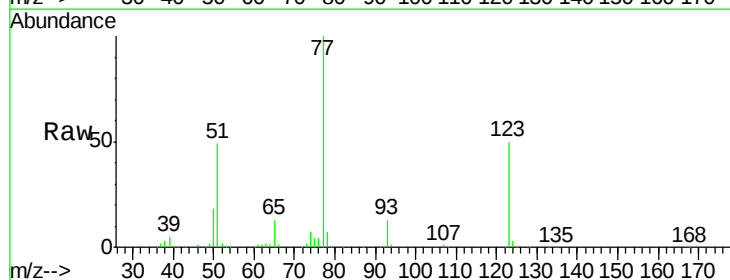
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

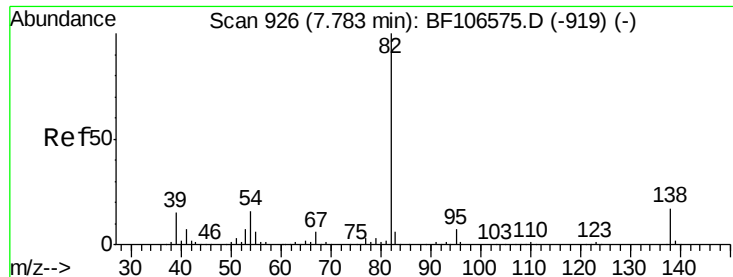
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	47.2	41.4	62.2



#24
Nitrobenzene
Concen: 41.978 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	13.1	11.0	16.4

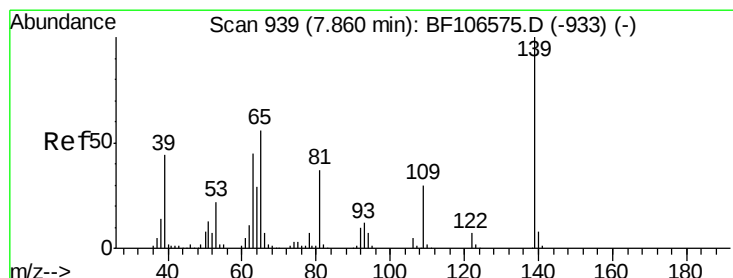
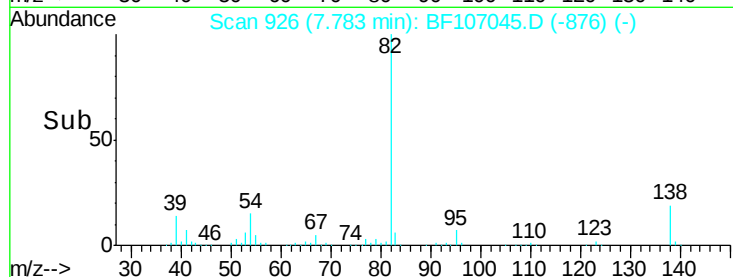
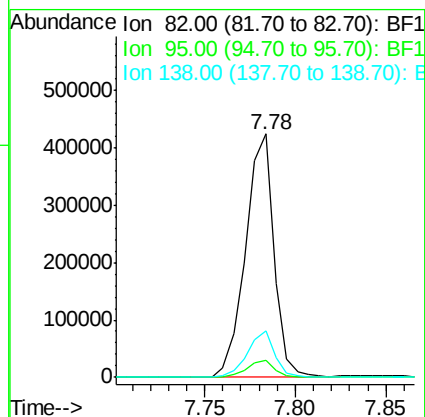
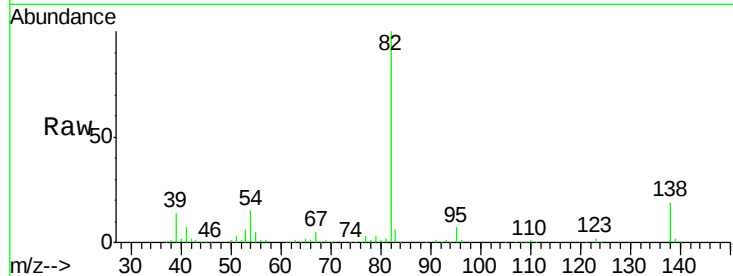




#25
Isophorone
Concen: 44.832 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

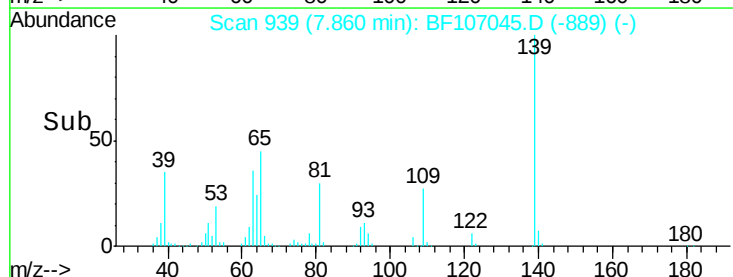
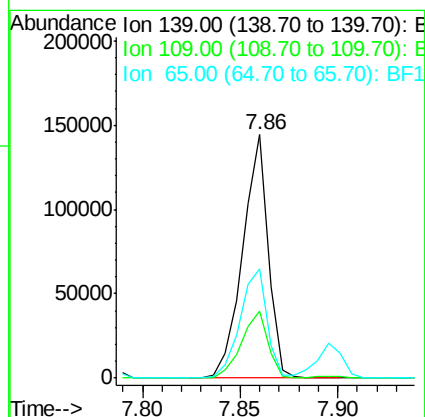
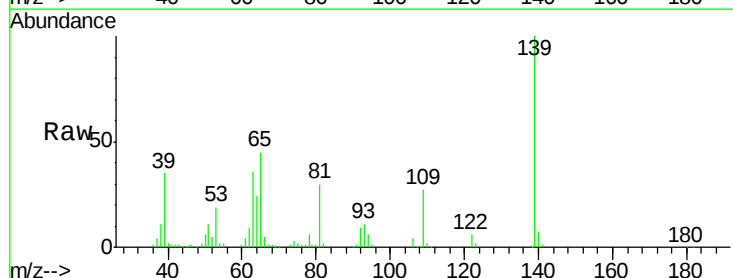
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

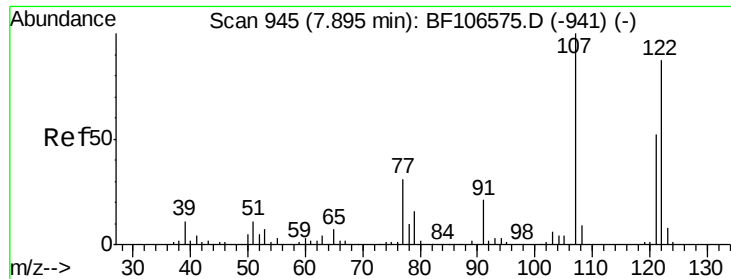
Tgt Ion: 82 Resp: 463224
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 46.453 ng
RT: 7.86 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion: 139 Resp: 131279
Ion Ratio Lower Upper
139 100
109 27.5 22.7 34.1
65 45.1 40.5 60.7

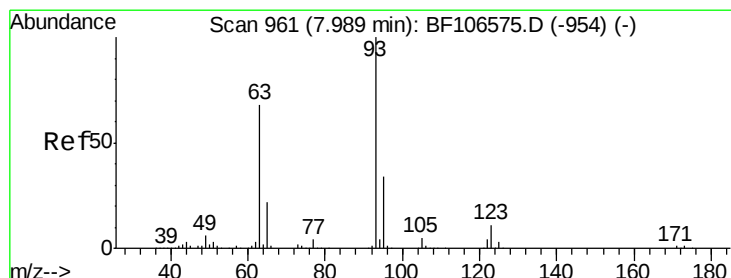
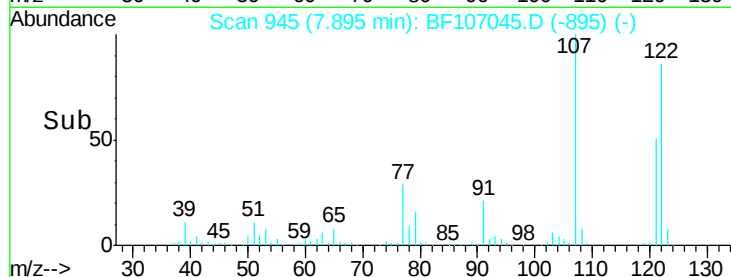
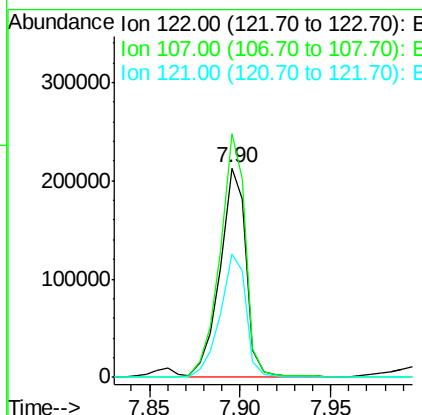
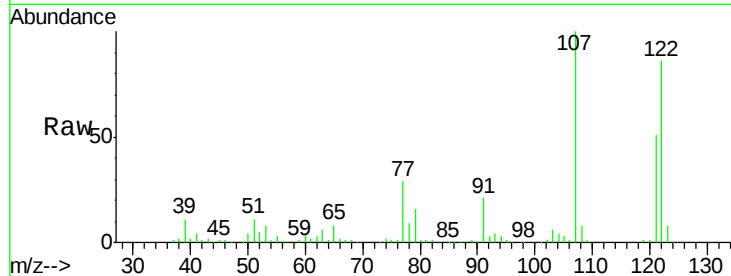




#27
2,4-Dimethylphenol
Concen: 48.970 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

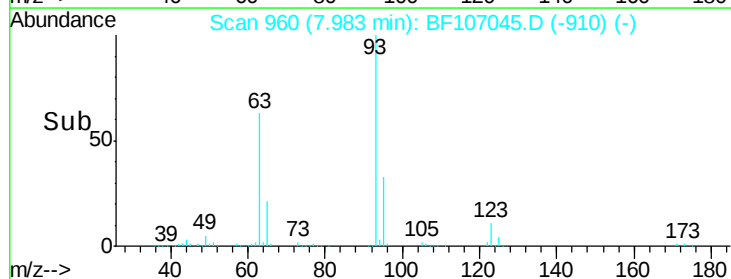
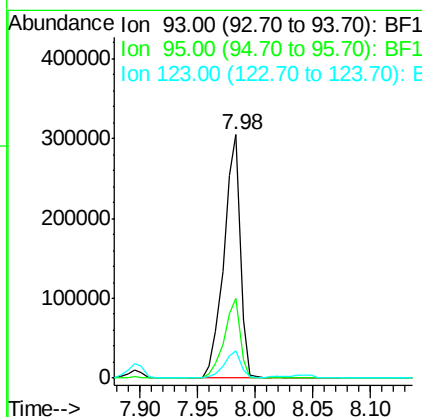
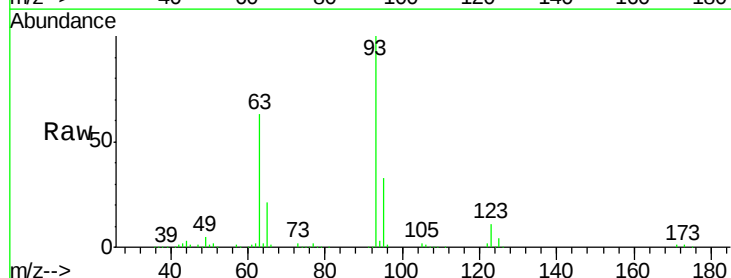
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

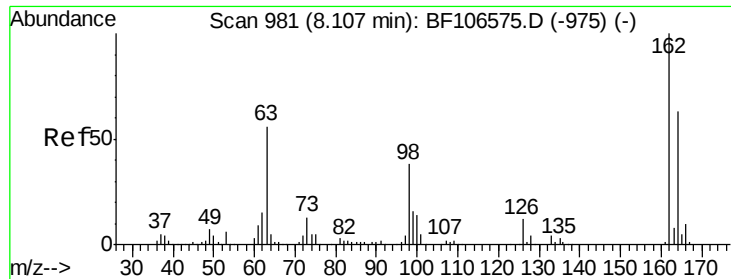
Tgt Ion: 122 Resp: 213905
Ion Ratio Lower Upper
122 100
107 116.4 91.2 136.8
121 59.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.473 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion: 93 Resp: 301592
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.0 9.8 14.6

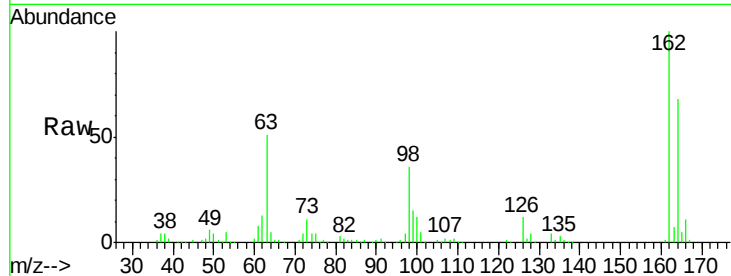




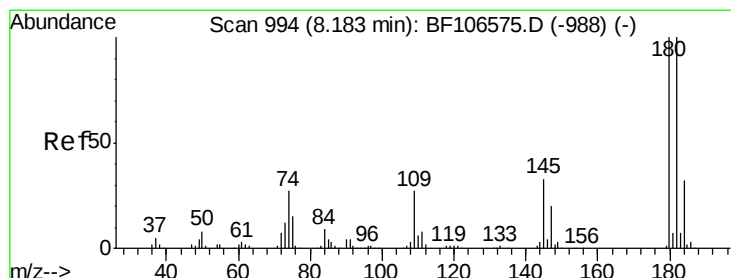
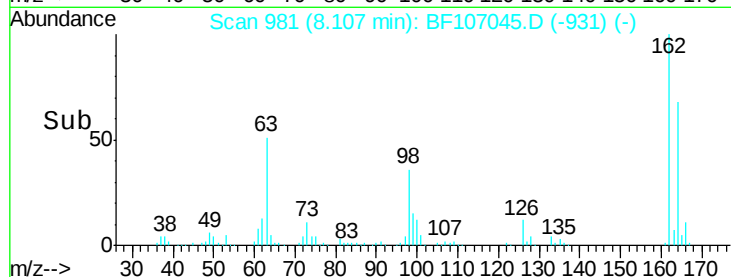
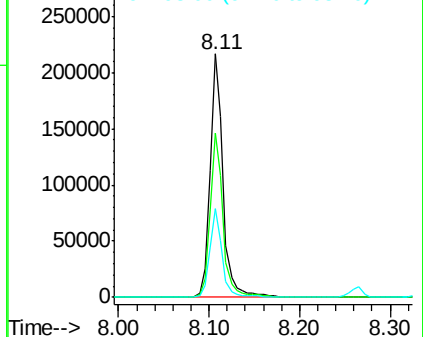
#29
 2,4-Dichlorophenol
 Concen: 47.615 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion:162 Resp: 217750
 Ion Ratio Lower Upper
 162 100
 164 67.7 42.7 82.7
 98 36.3 18.1 58.1

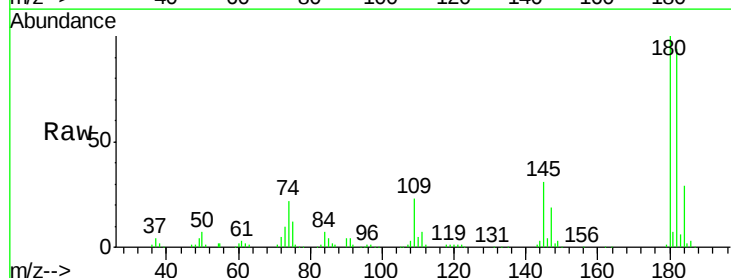


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

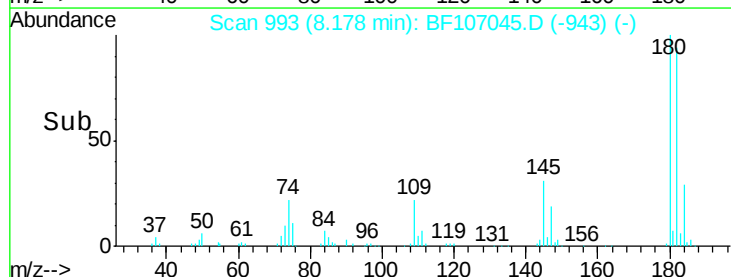
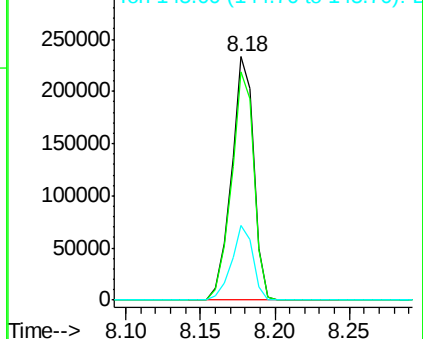


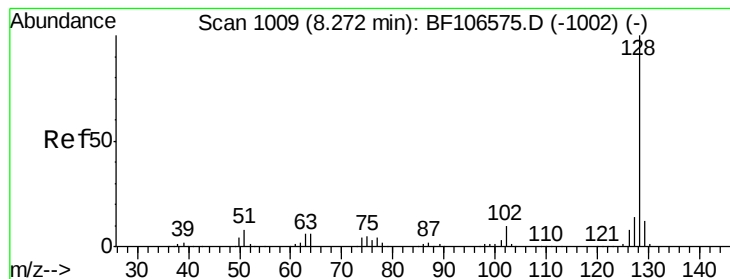
#30
 1,2,4-Trichlorobenzene
 Concen: 48.613 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:180 Resp: 244903
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.8 115.2
 145 30.6 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.825 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

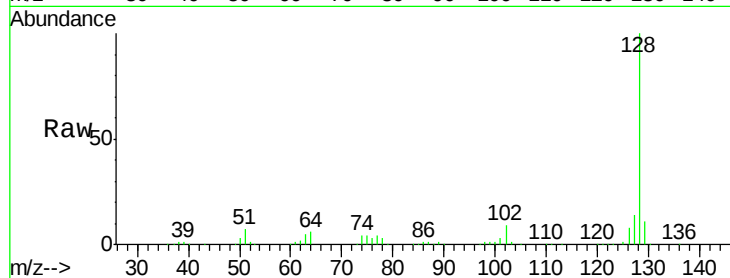
Tgt Ion:128 Resp: 682903

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

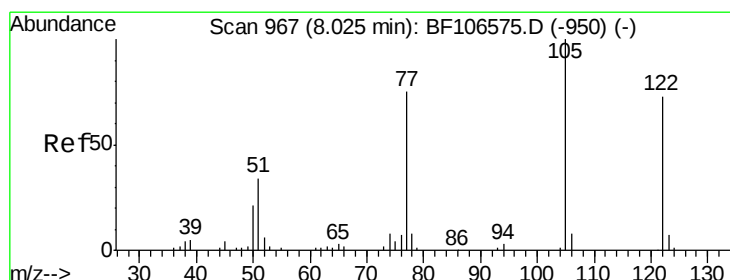
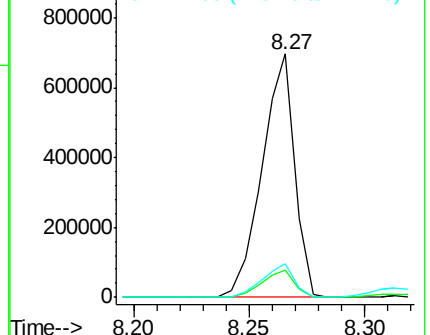
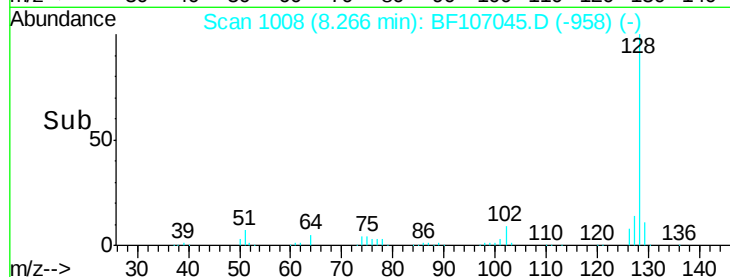
127 13.6 10.9 16.3



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: 35.693 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

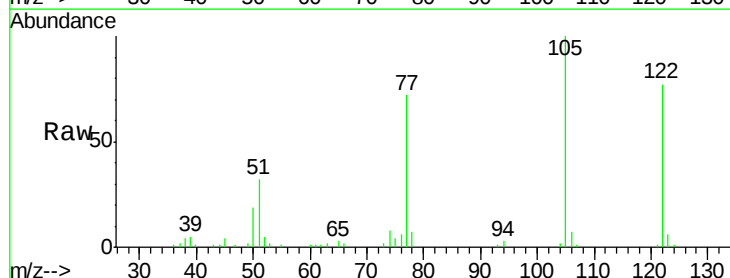
Tgt Ion:122 Resp: 108105

Ion Ratio Lower Upper

122 100

105 129.2 101.1 141.1

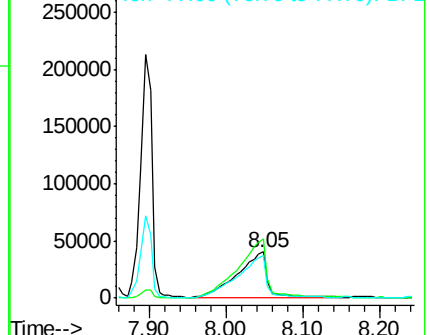
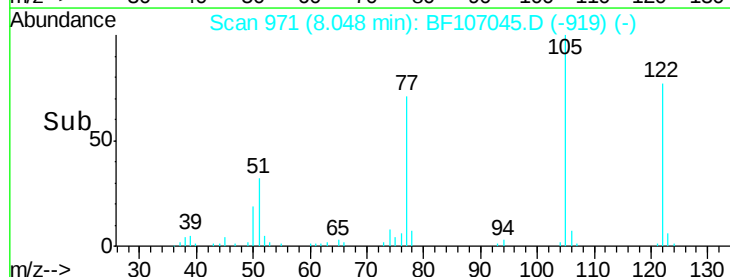
77 92.7 70.7 110.7

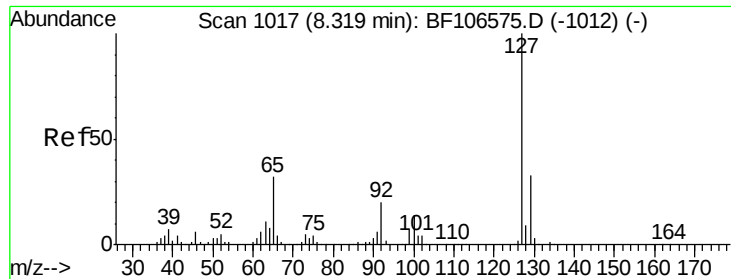


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

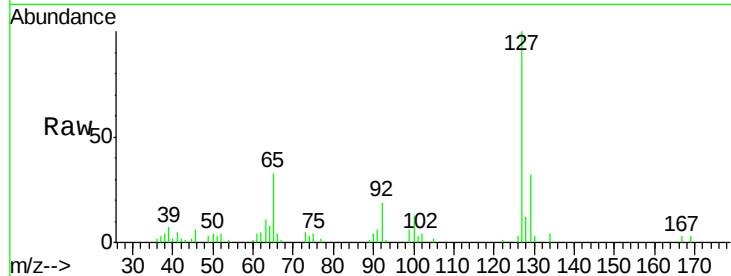




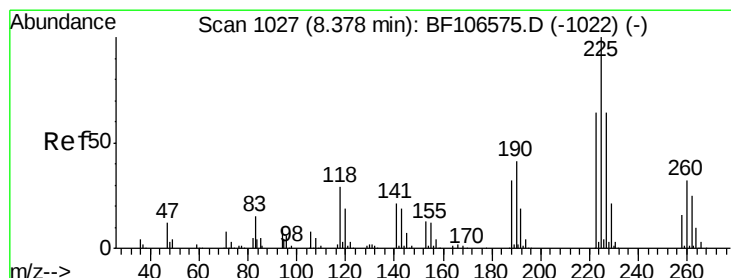
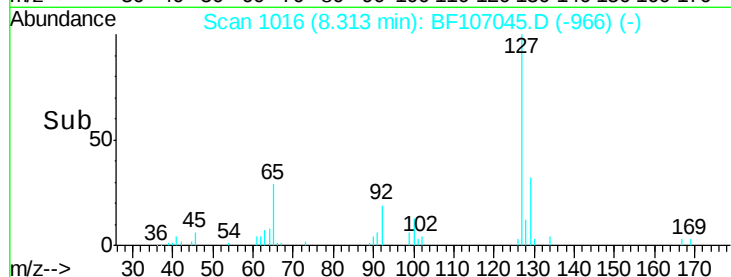
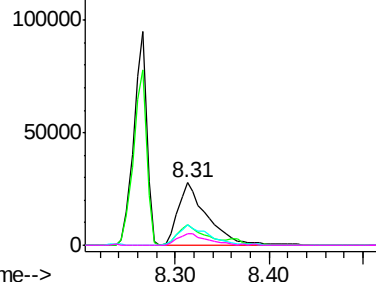
#33
4-Chloroaniline
Concen: 9.462 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Instrument :
BNA_F
ClientSampled :
JCSA-302MSD

Tgt Ion:	127	Resp:	60487
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	33.1	25.0	37.4
92	19.4	15.2	22.8

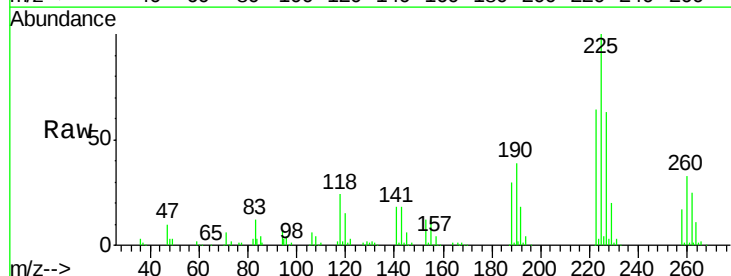


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

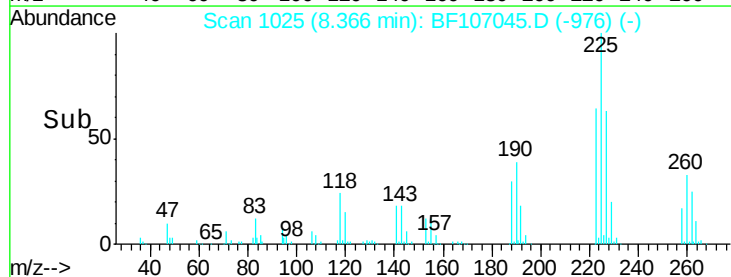
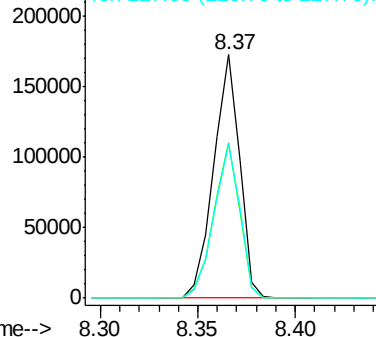


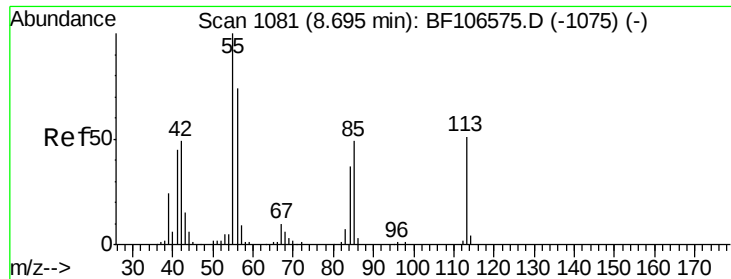
#34
Hexachlorobutadiene
Concen: 48.689 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:	225	Resp:	159827
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.5	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

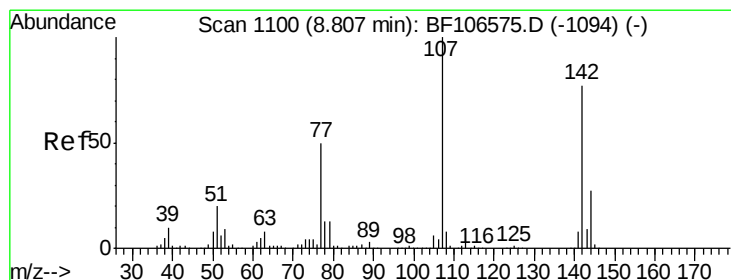
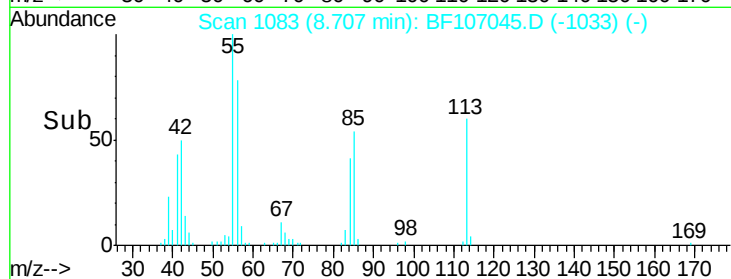
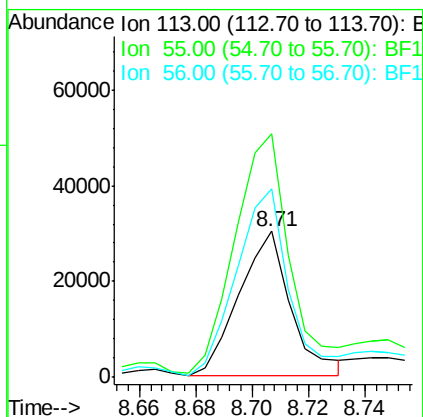
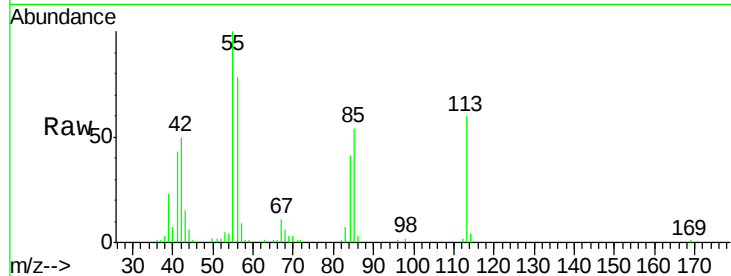




#35
Caprolactam
Concen: 25.741 ng
RT: 8.71 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

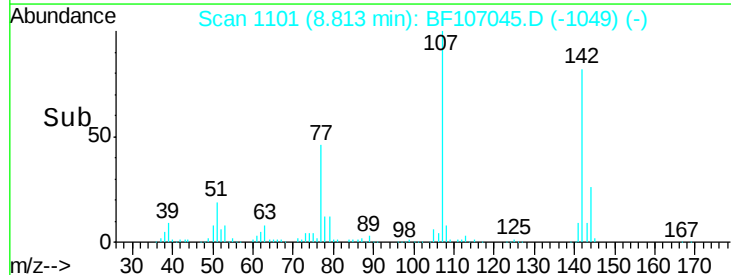
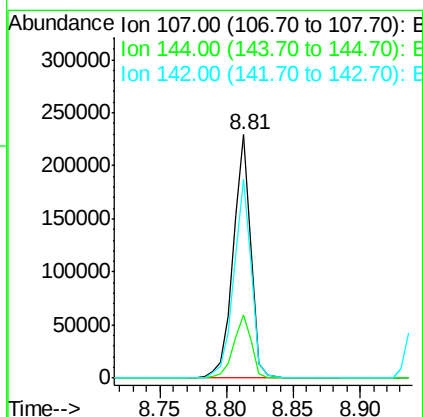
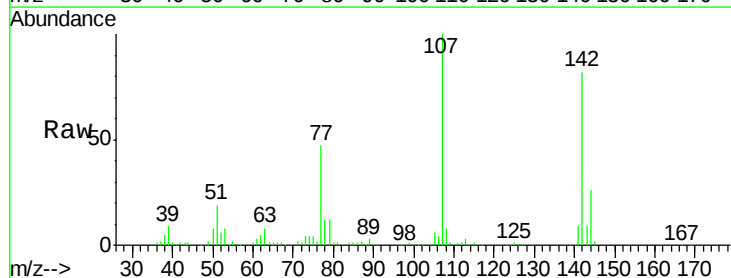
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

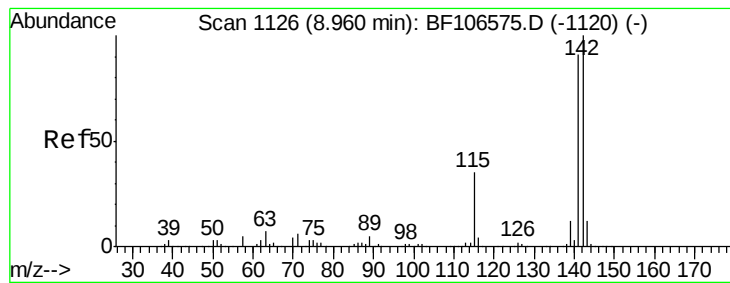
Tgt Ion:113 Resp: 38372
Ion Ratio Lower Upper
113 100
55 166.5 163.3 203.3
56 129.2 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 44.469 ng
RT: 8.81 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:107 Resp: 214053
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 81.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 49.949 ng

RT: 8.95 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

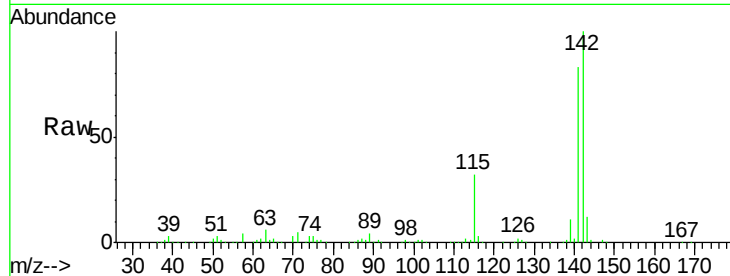
Tgt Ion:142 Resp: 504395

Ion Ratio Lower Upper

142 100

141 83.3 70.8 106.2

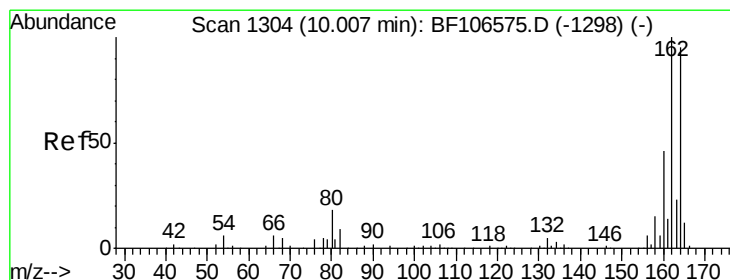
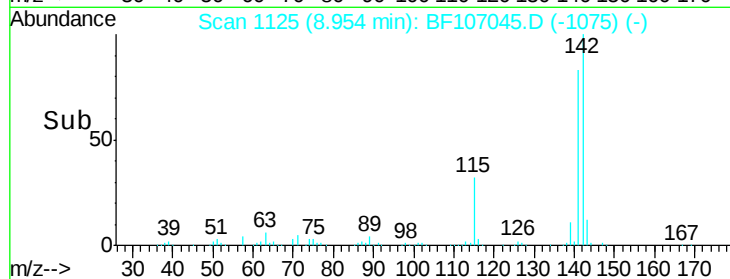
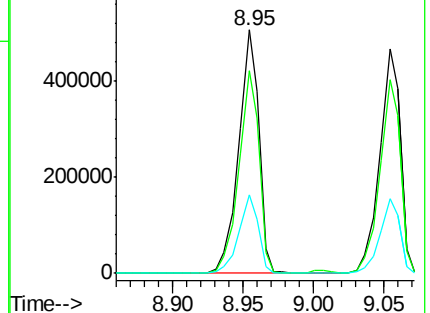
115 32.4 26.1 39.1



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: BF107045.D

Acq: 2 Jul 2018 15:36

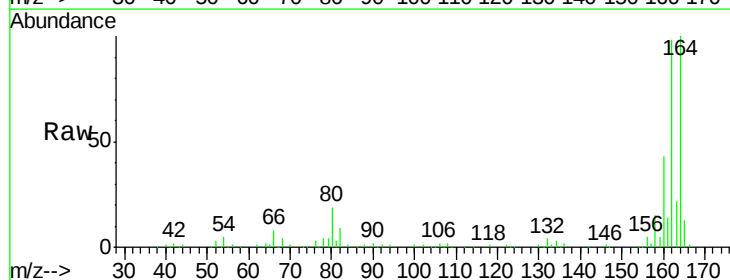
Tgt Ion:164 Resp: 164894

Ion Ratio Lower Upper

164 100

162 97.6 86.1 129.1

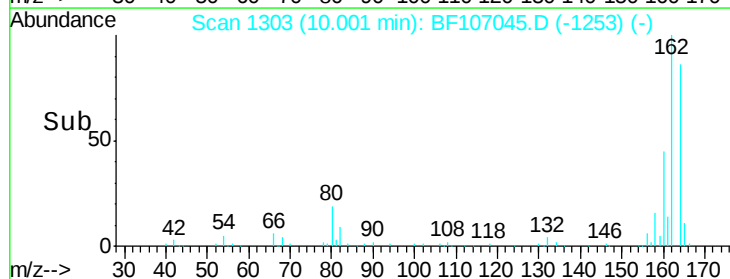
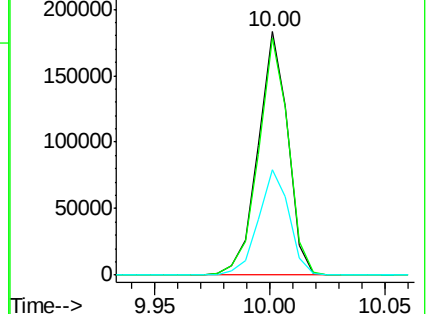
160 43.1 38.3 57.5

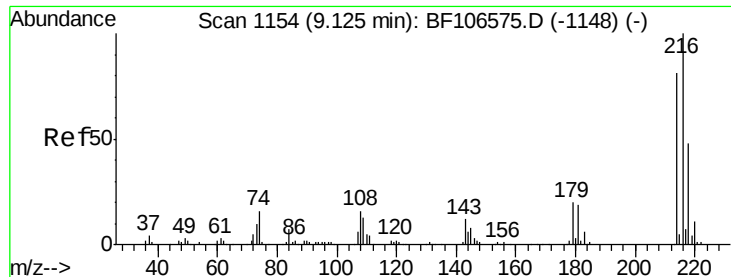


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

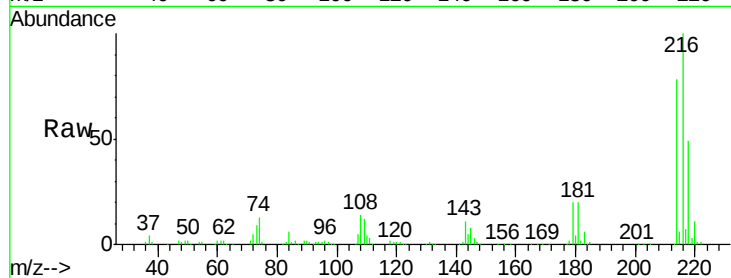




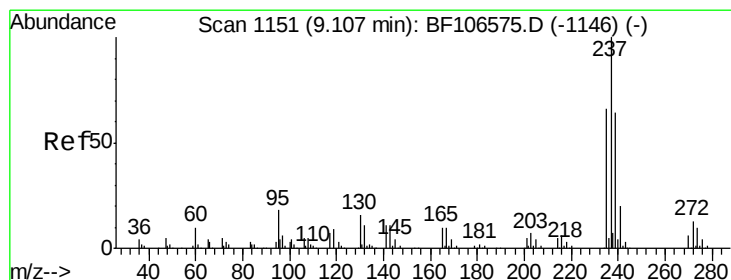
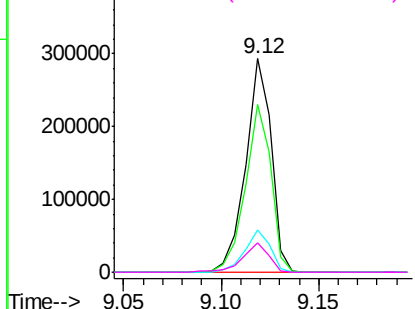
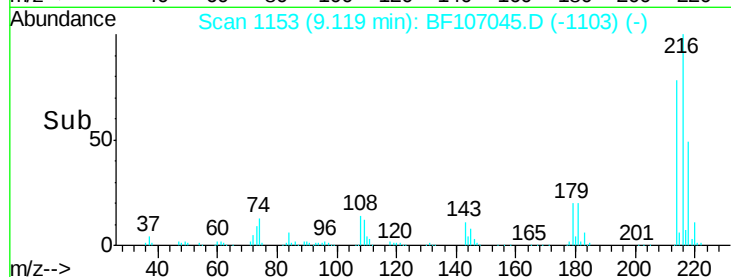
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.081 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion:216 Resp: 266999
 Ion Ratio Lower Upper
 216 100
 214 78.3 63.0 94.4
 179 19.5 18.1 27.1
 108 14.0 17.2 25.8#

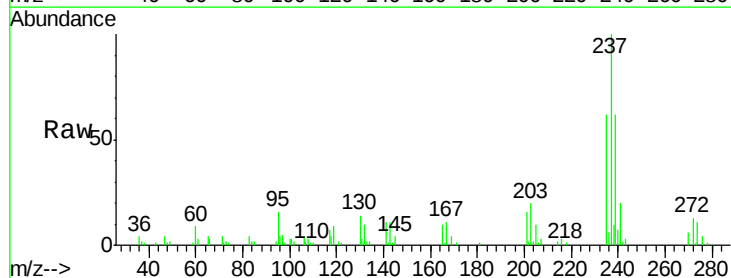


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

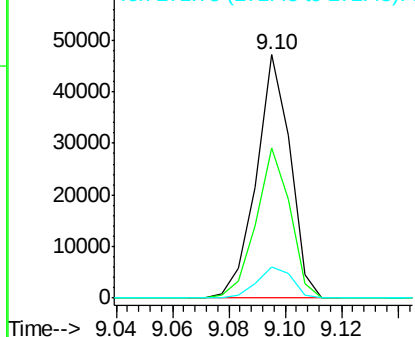
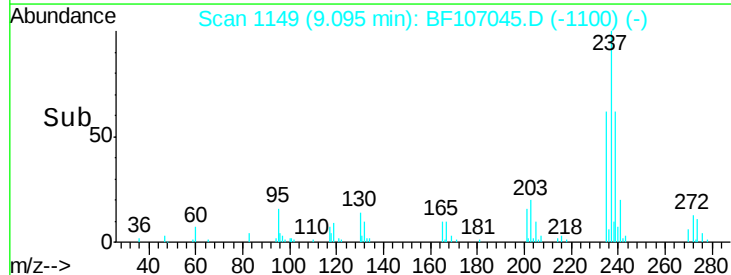


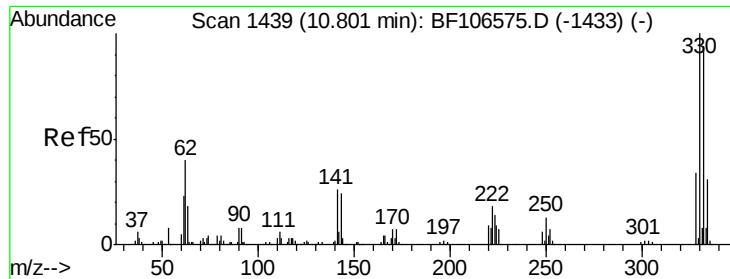
#40
 Hexachlorocyclopentadiene
 Concen: 13.738 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:237 Resp: 39249
 Ion Ratio Lower Upper
 237 100
 235 61.6 44.8 84.8
 272 12.7 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

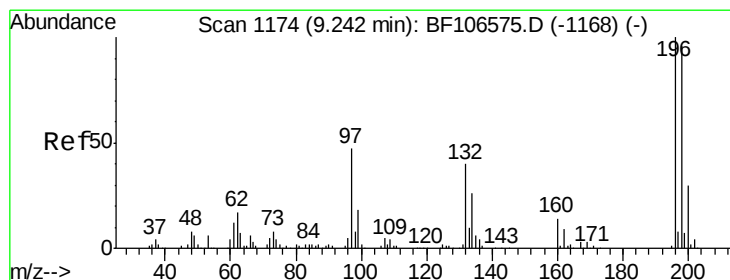
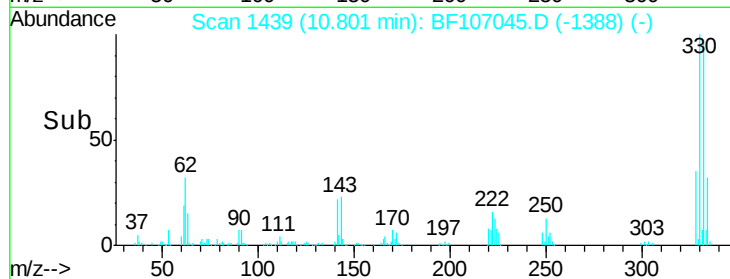
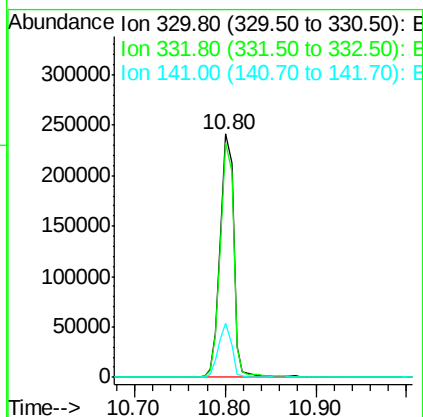
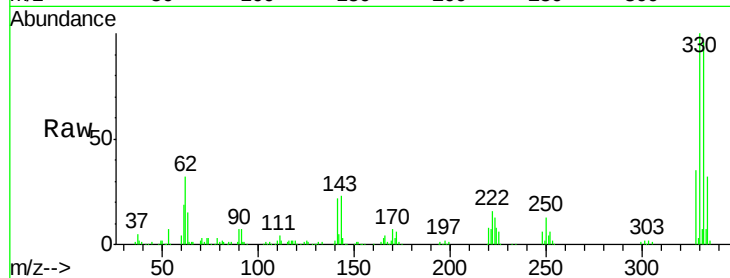




#41
 2,4,6-Tribromophenol
 Concen: 130.989 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

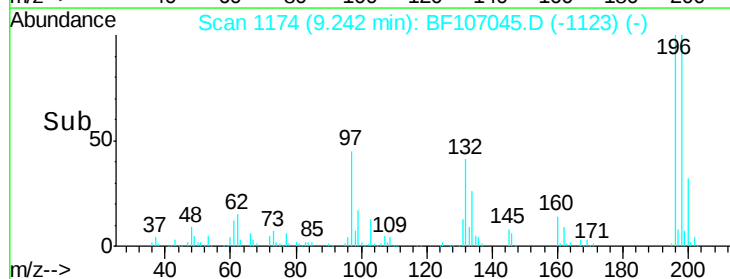
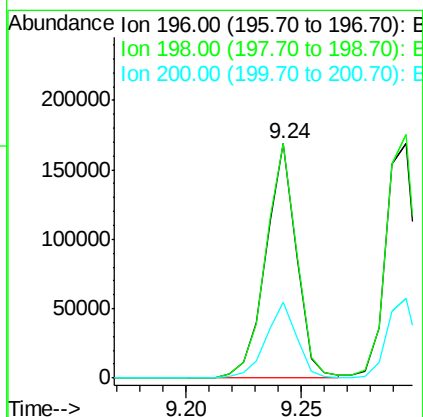
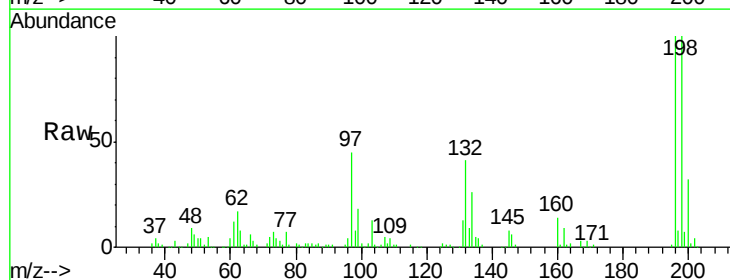
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

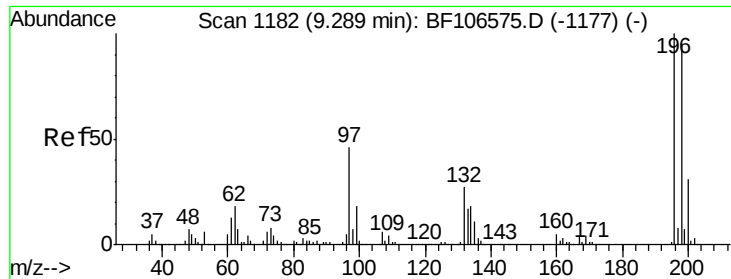
Tgt Ion:330 Resp: 250342
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 21.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 42.585 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:196 Resp: 157191
 Ion Ratio Lower Upper
 196 100
 198 100.2 75.7 113.5
 200 32.4 24.5 36.7

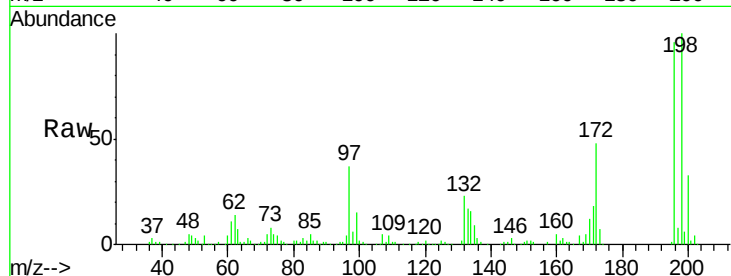




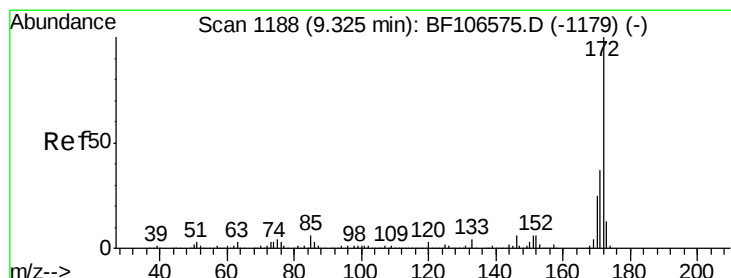
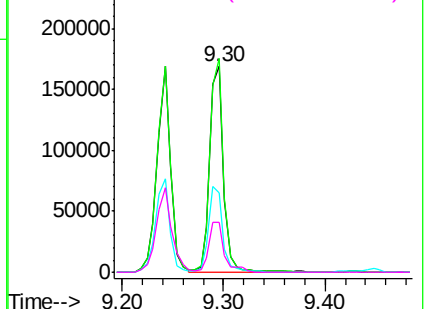
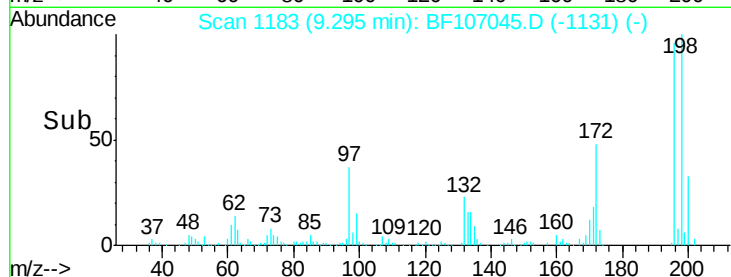
#43
 2,4,5-Trichlorophenol
 Concen: 41.768 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion:196 Resp: 160877
 Ion Ratio Lower Upper
 196 100
 198 103.8 74.6 112.0
 97 38.3 42.9 64.3#
 132 24.1 26.3 39.5#

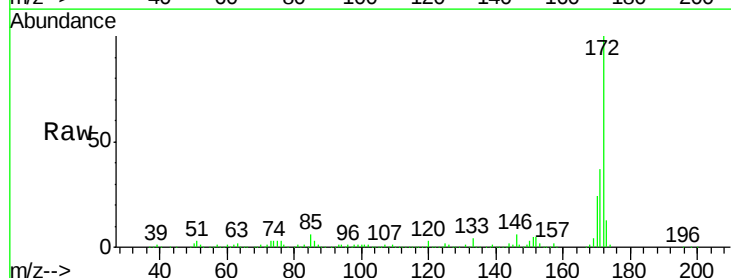


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

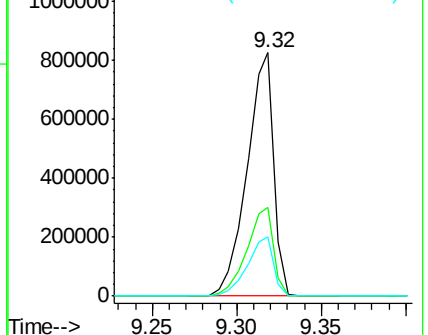
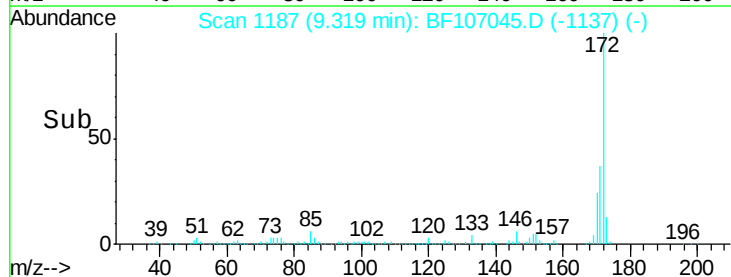


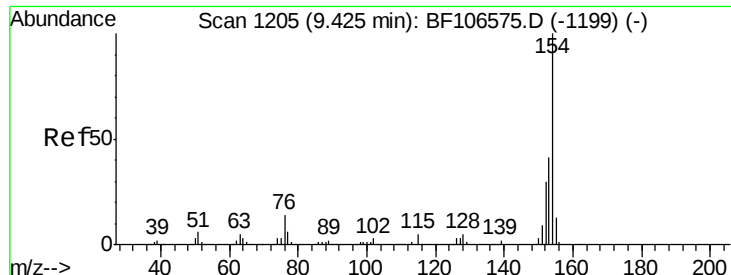
#44
 2-Fluorobiphenyl
 Concen: 94.796 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:172 Resp: 906929
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.4 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

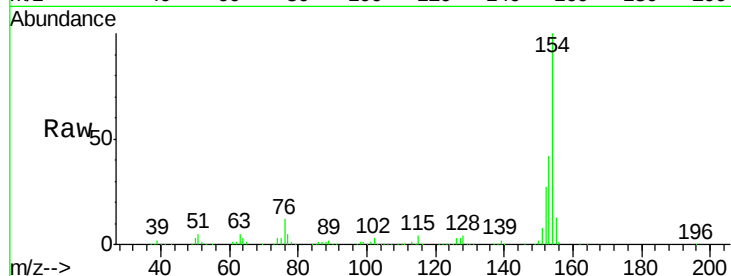




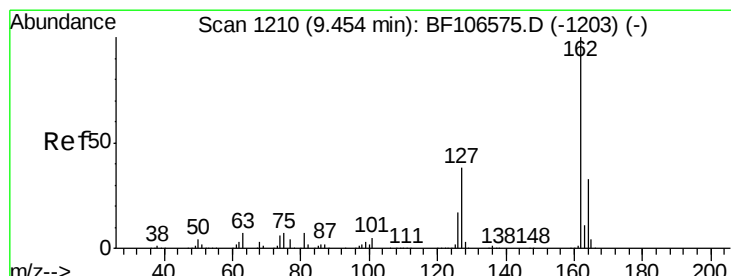
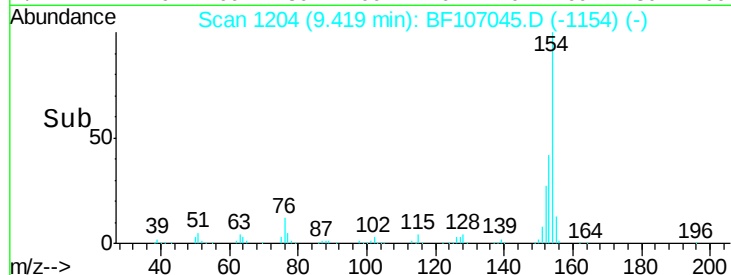
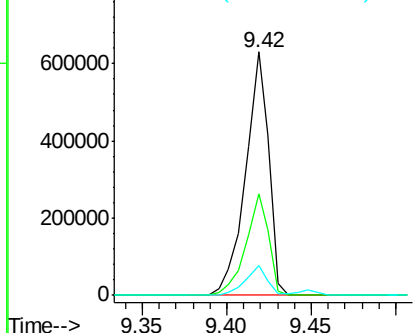
#45
 1,1'-Biphenyl
 Concen: 45.932 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion:154 Resp: 603600
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 12.2 0.0 34.0

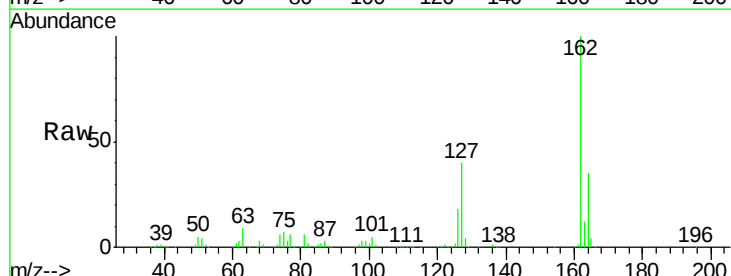


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

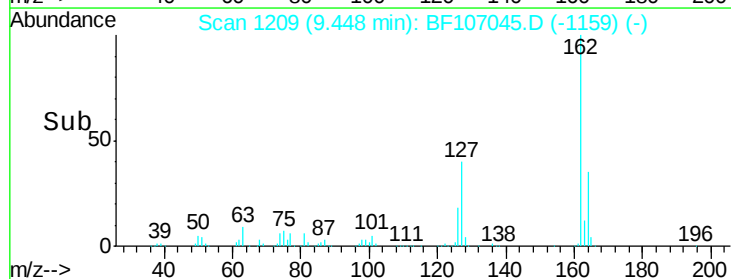
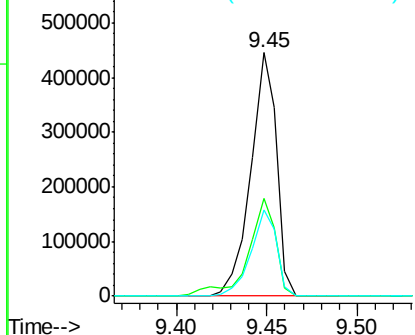


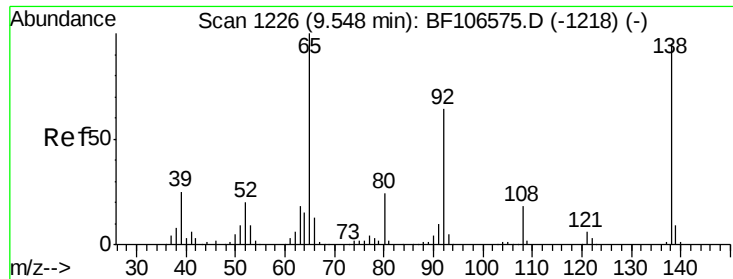
#46
 2-Chloronaphthalene
 Concen: 42.523 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:162 Resp: 439857
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 35.5 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

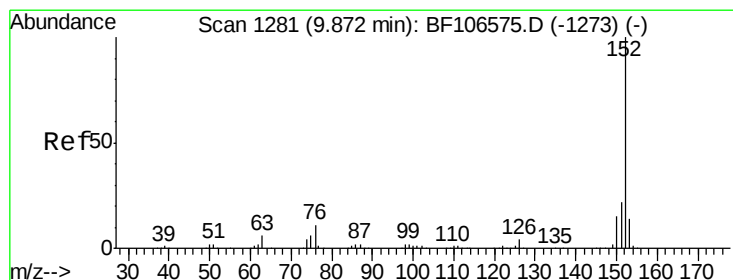
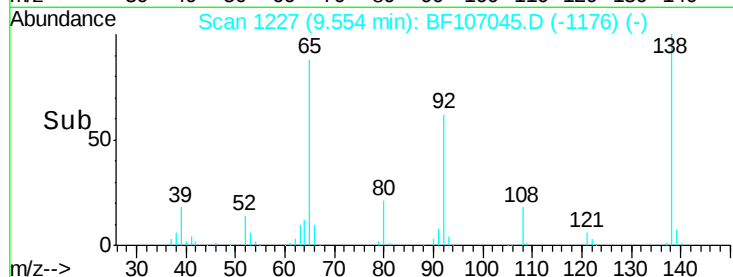
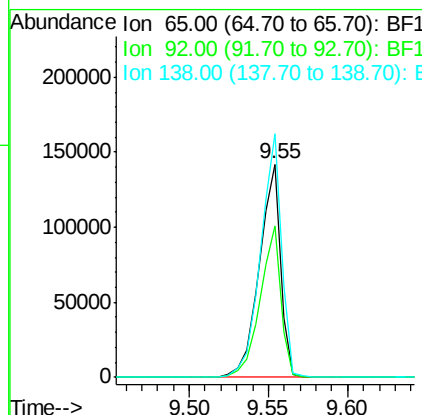
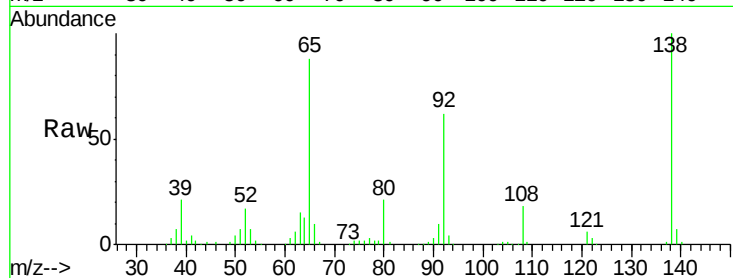




#47
 2-Nitroaniline
 Concen: 38.643 ng
 RT: 9.55 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

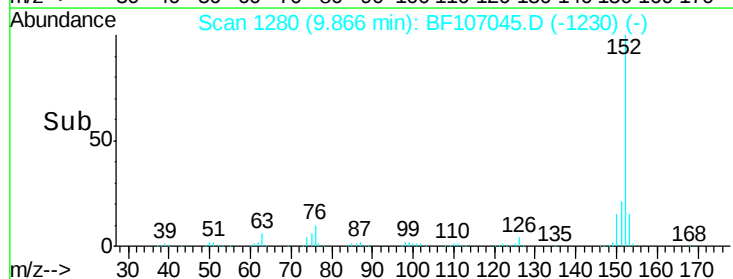
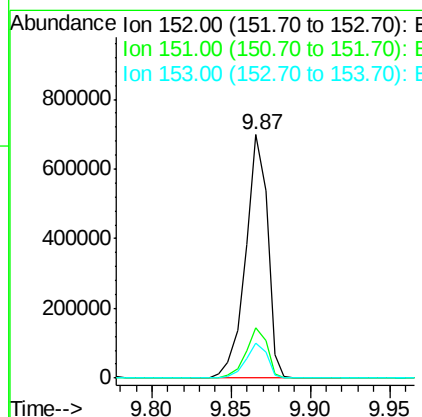
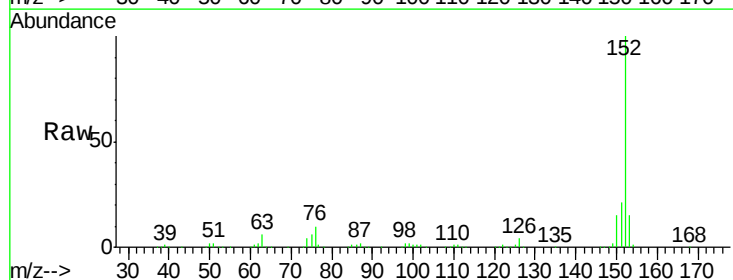
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

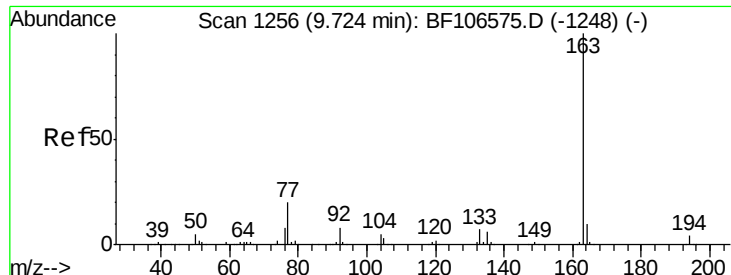
Tgt Ion: 65 Resp: 134416
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.8 83.6
 138 114.0 91.2 136.8



#48
 Acenaphthylene
 Concen: 40.847 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion: 152 Resp: 667073
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 14.5 10.7 16.1

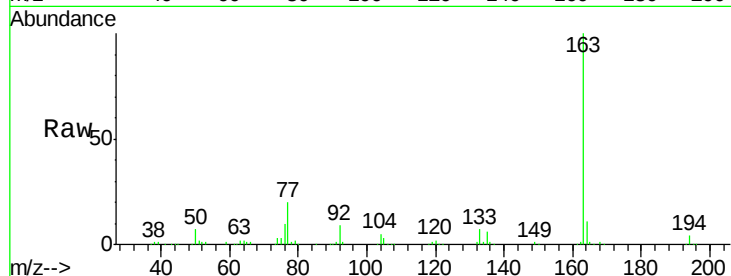




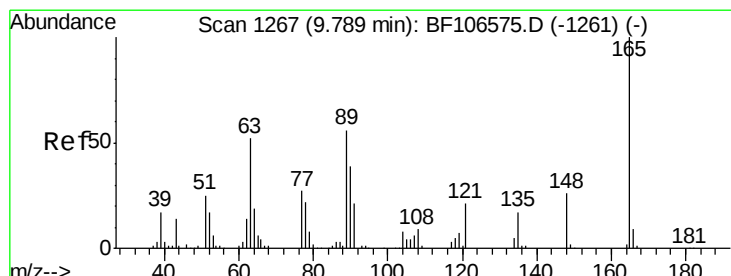
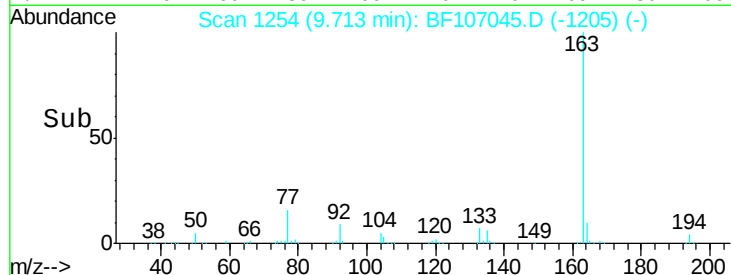
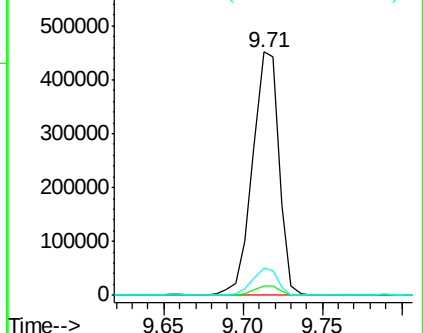
#49
Dimethylphthalate
Concen: 42.647 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

Tgt Ion:163 Resp: 527427
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2

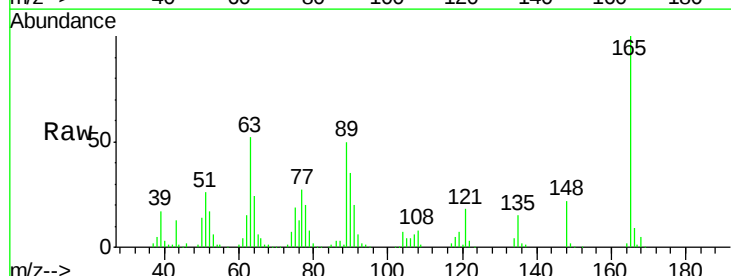


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

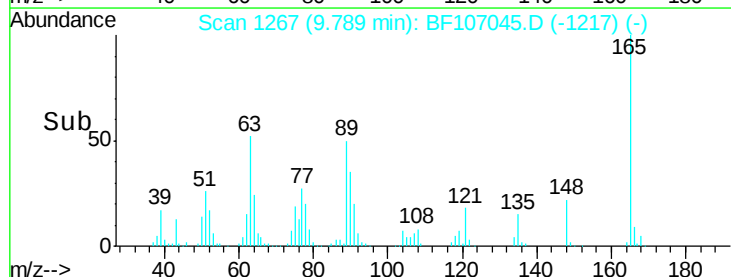
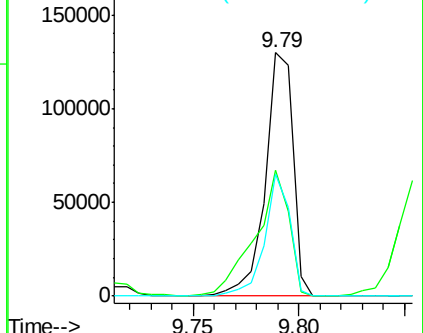


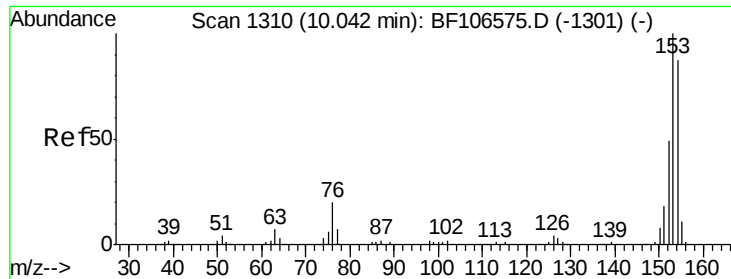
#50
2,6-Dinitrotoluene
Concen: 45.322 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:165 Resp: 118690
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 50.3 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: 39.953 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

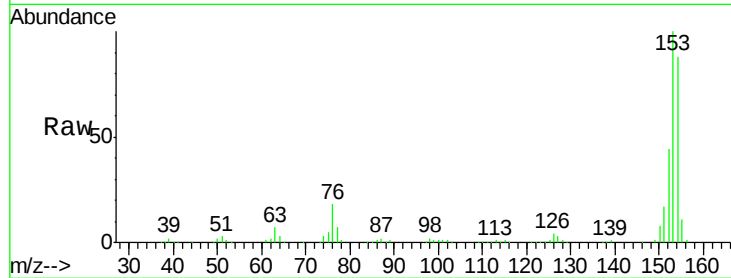
Tgt Ion:154 Resp: 410875

Ion Ratio Lower Upper

154 100

153 113.7 91.2 136.8

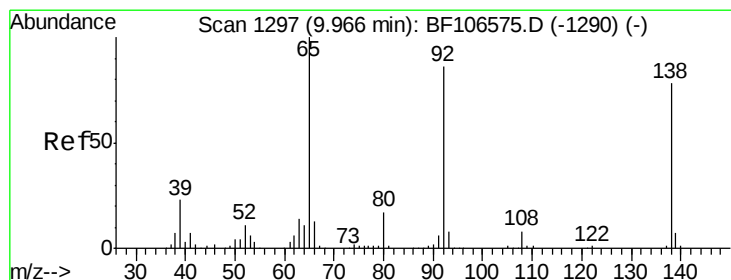
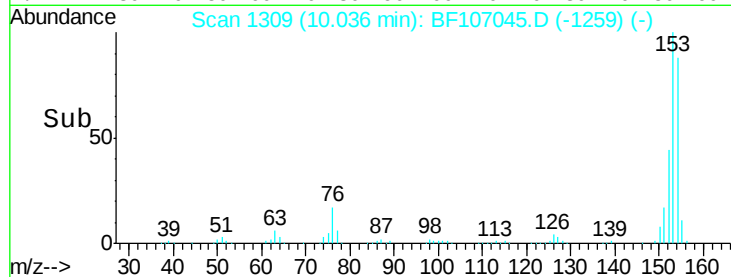
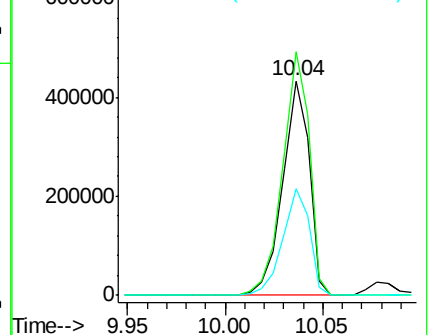
152 50.1 43.8 65.8



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: 17.208 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

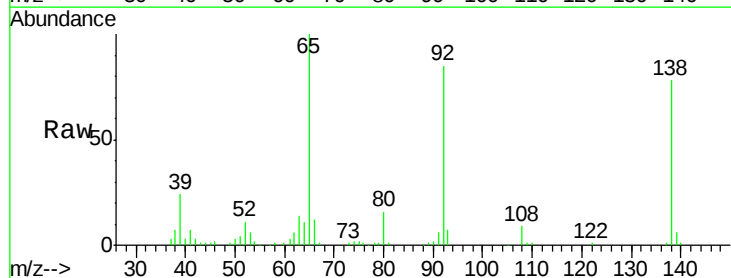
Tgt Ion:138 Resp: 51856

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

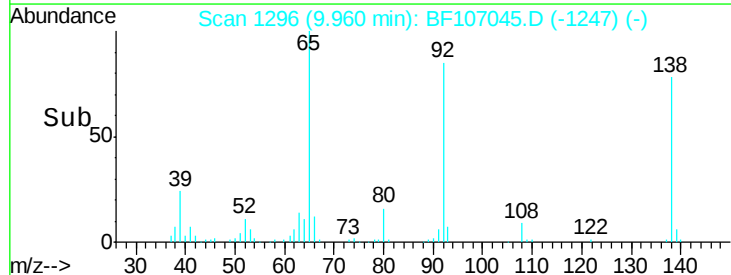
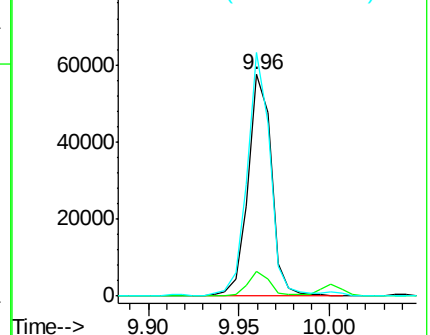
92 109.9 89.4 134.2

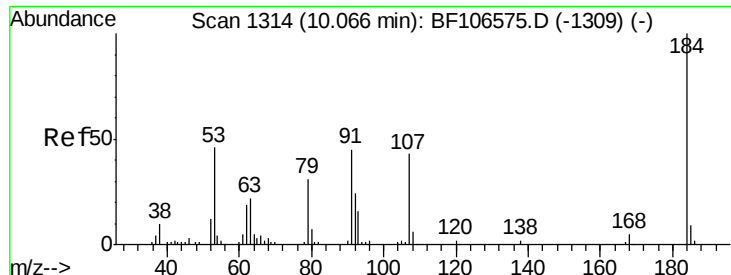


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

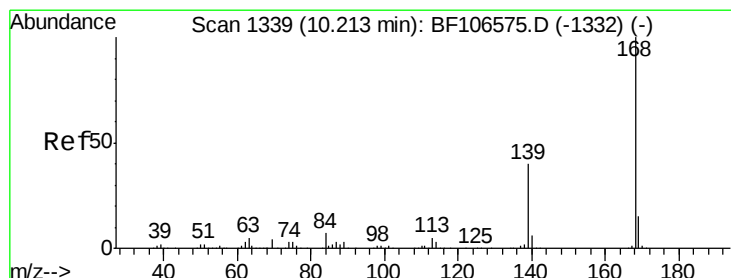
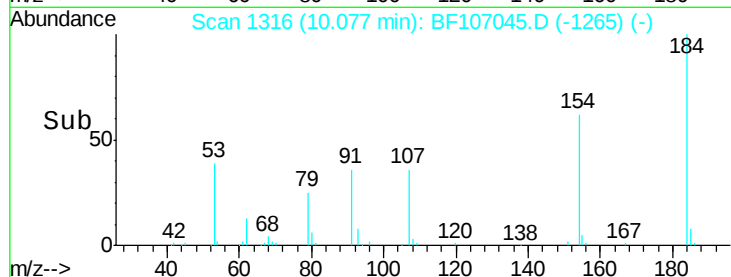
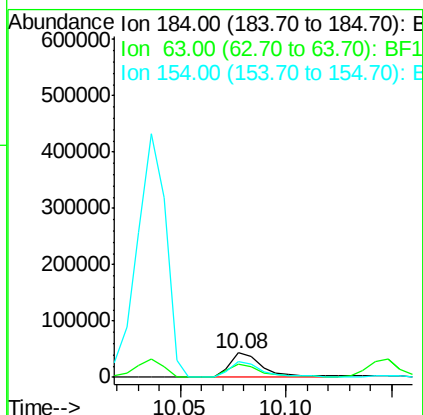
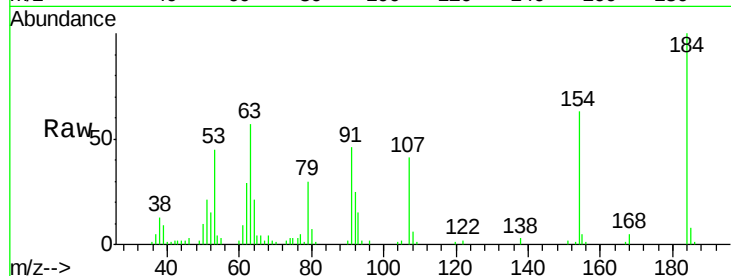




#53
 2,4-Dinitrophenol
 Concen: 38.988 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

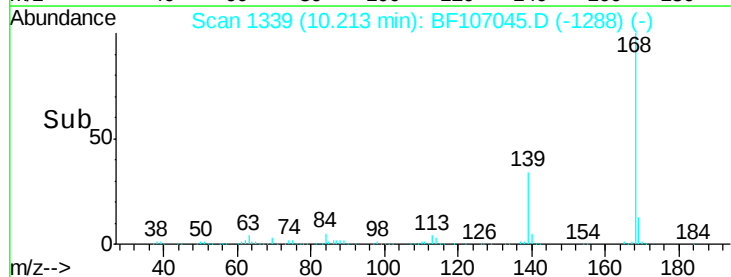
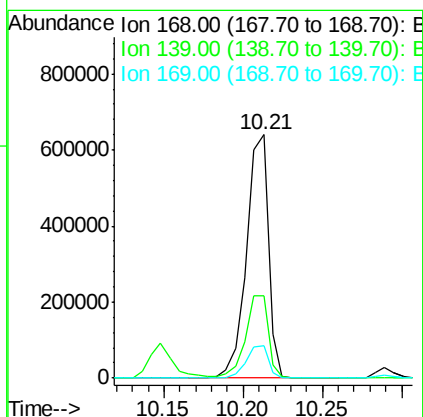
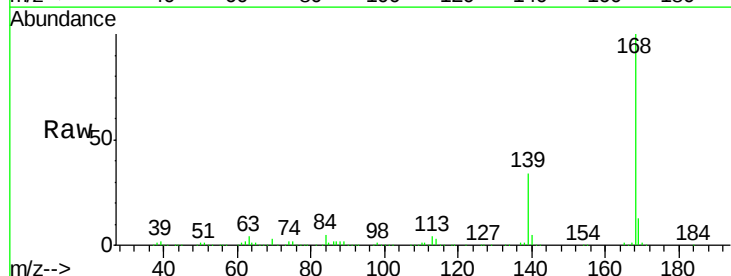
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

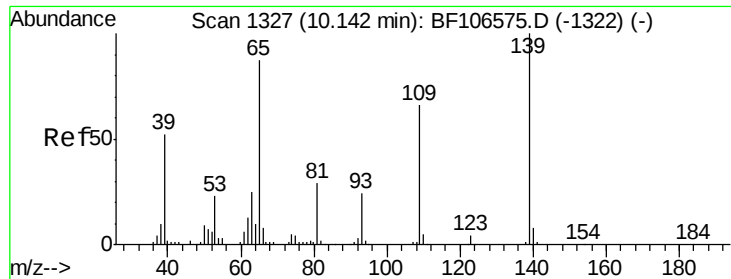
Tgt Ion:184 Resp: 49081
 Ion Ratio Lower Upper
 184 100
 63 57.4 54.2 81.2
 154 62.8 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.396 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:168 Resp: 611094
 Ion Ratio Lower Upper
 168 100
 139 33.6 30.1 45.1
 169 13.4 10.9 16.3

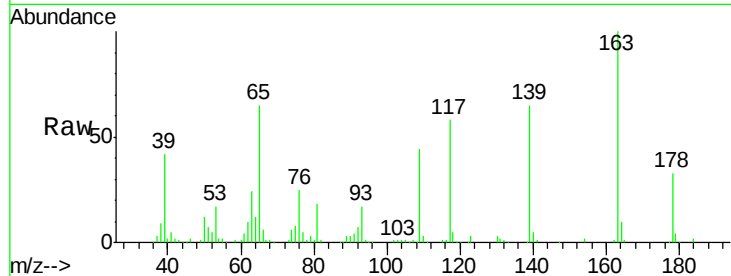




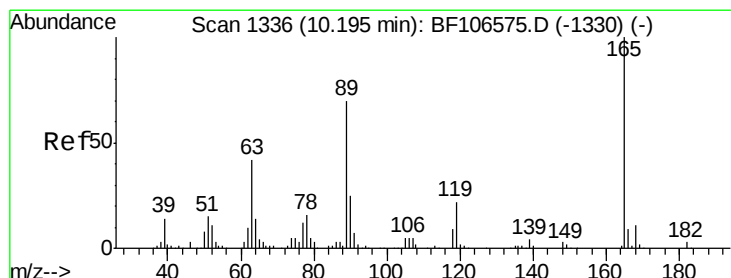
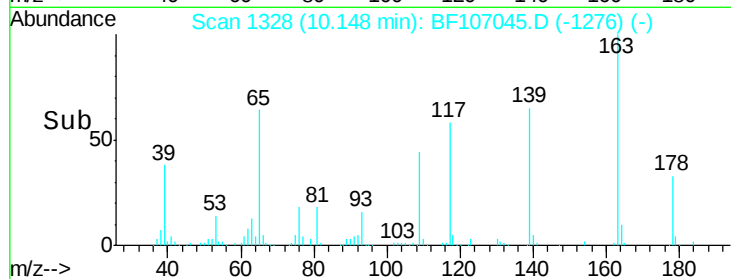
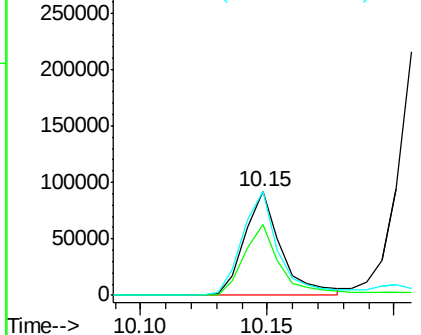
#55
4-Nitrophenol
Concen: 44.033 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

Tgt Ion:139 Resp: 92624
Ion Ratio Lower Upper
139 100
109 67.7 48.4 88.4
65 99.8 72.6 112.6

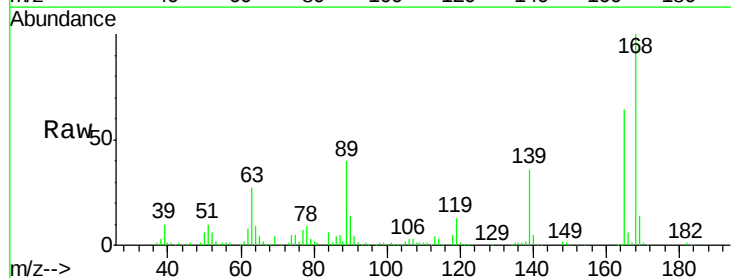


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

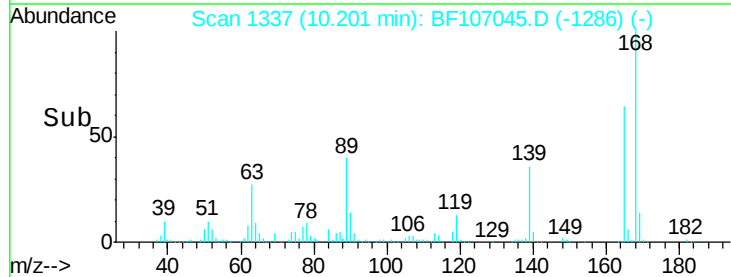
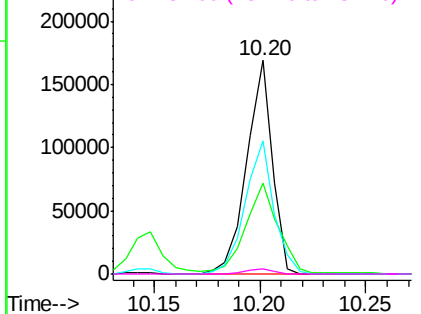


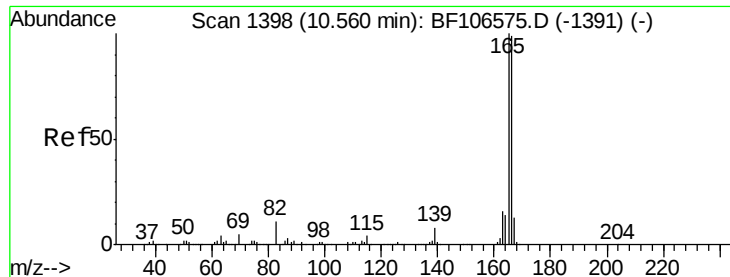
#56
2,4-Dinitrotoluene
Concen: 41.940 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:165 Resp: 143361
Ion Ratio Lower Upper
165 100
63 42.3 36.4 54.6
89 62.3 57.8 86.6
182 2.1 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

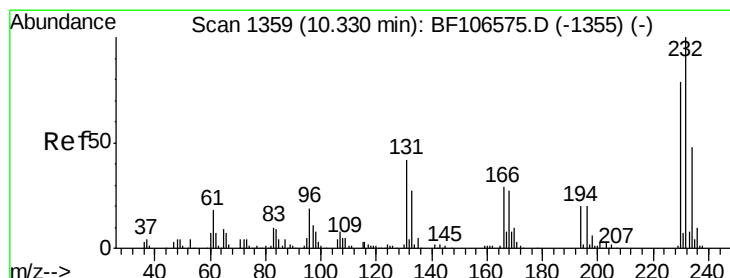
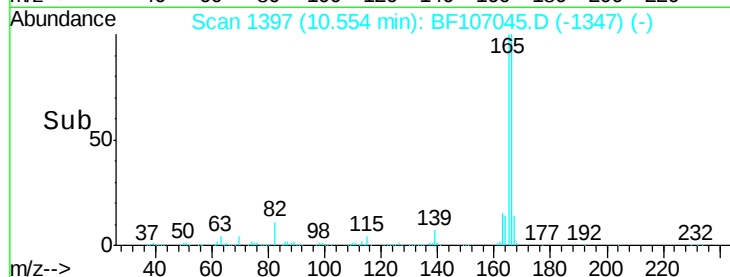
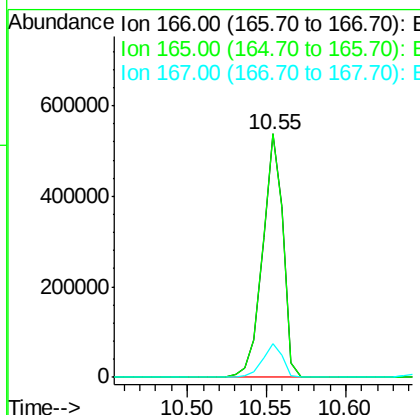
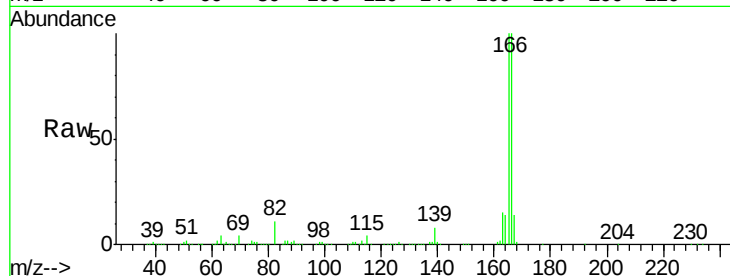




#57
Fluorene
 Concen: 43.174 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

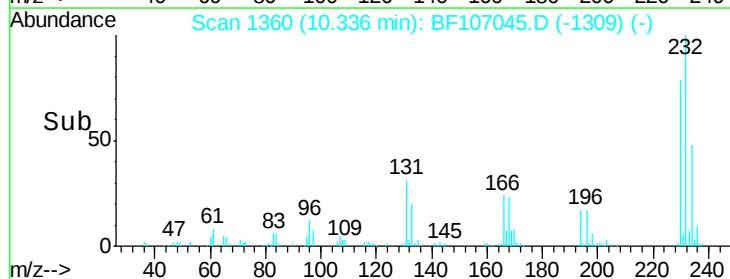
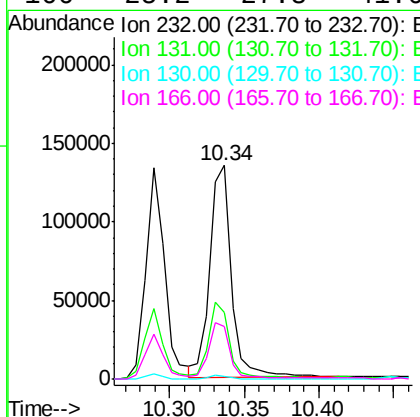
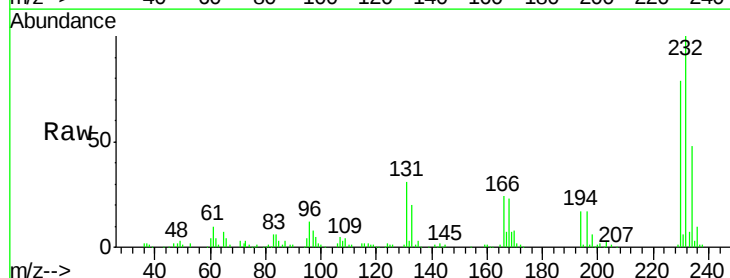
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

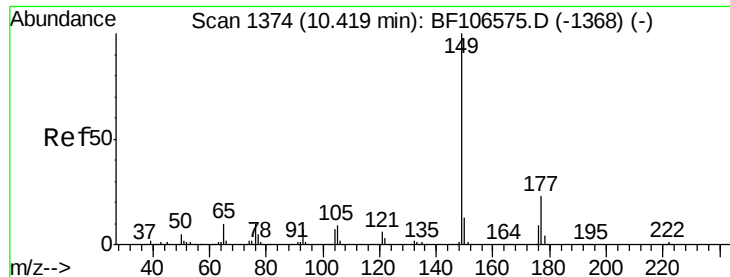
Tgt Ion:166 Resp: 482440
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.8 119.8
 167 13.8 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.018 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:232 Resp: 137835
 Ion Ratio Lower Upper
 232 100
 131 33.8 43.8 65.8#
 130 1.4 2.1 3.1#
 166 25.2 27.8 41.6#

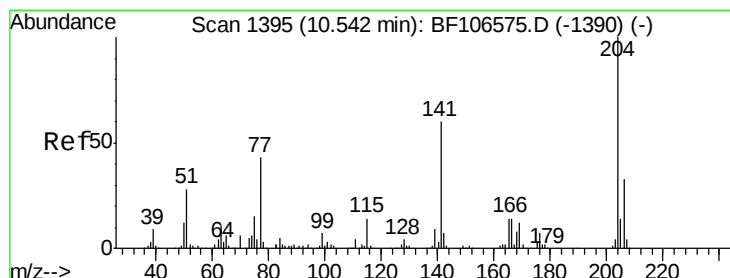
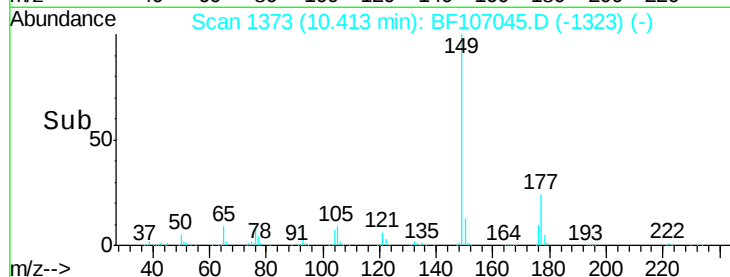
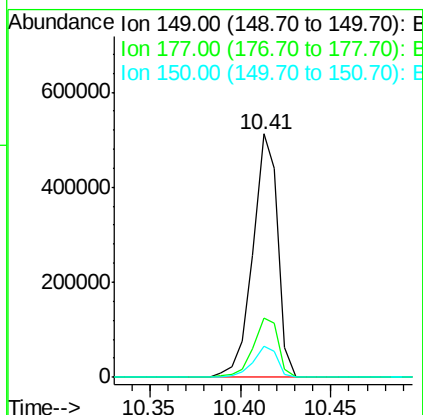
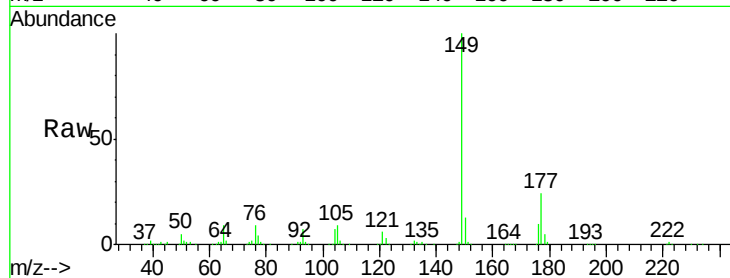




#59
Diethylphthalate
Concen: 40.873 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

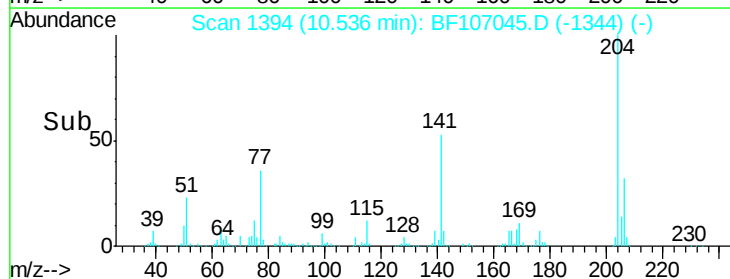
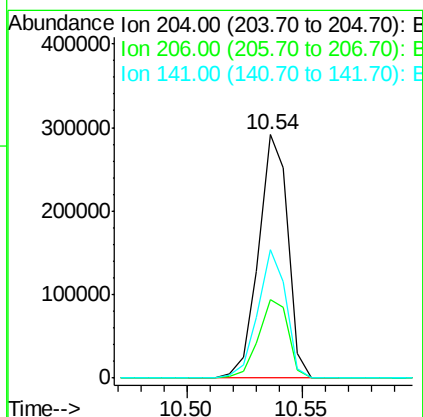
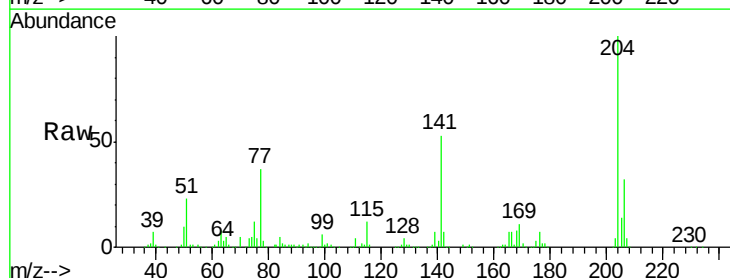
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

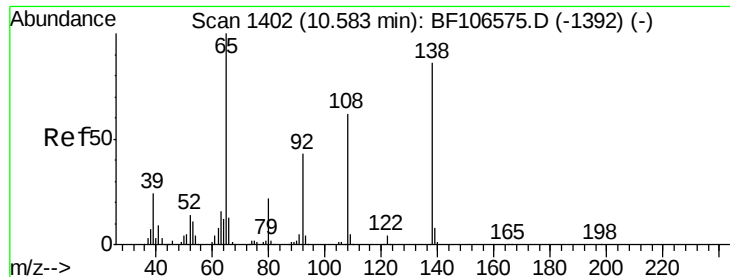
Tgt Ion:149 Resp: 487881
Ion Ratio Lower Upper
149 100
177 24.4 16.1 24.1#
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.172 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:204 Resp: 258261
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 52.9 54.6 81.8#

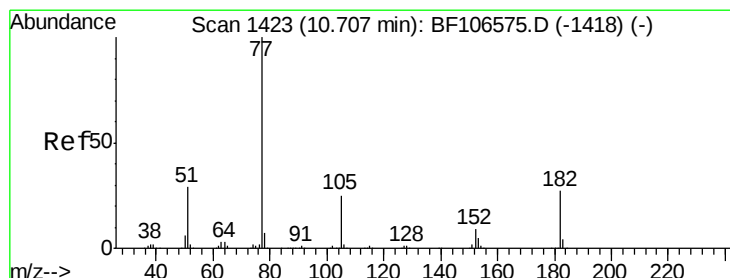
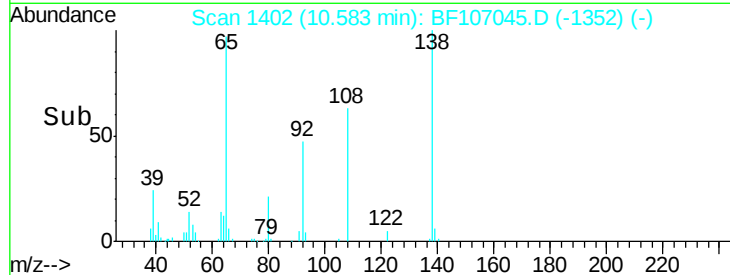
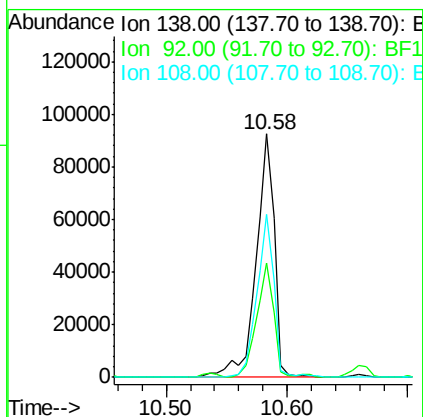
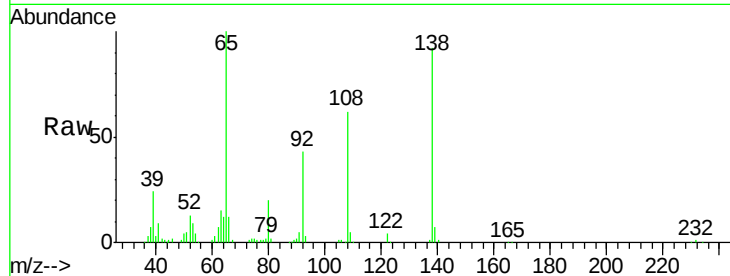




#61
4-Nitroaniline
Concen: 32.720 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

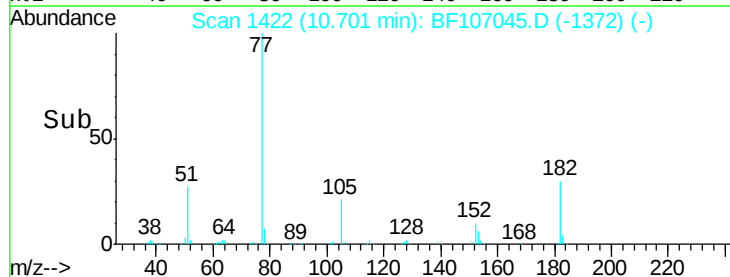
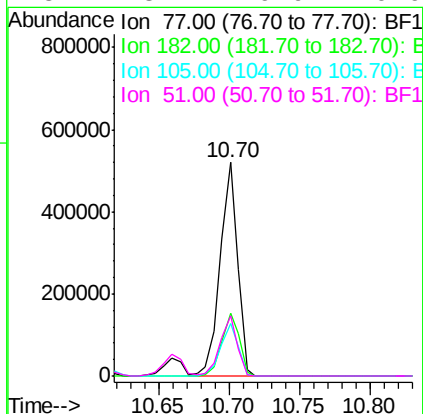
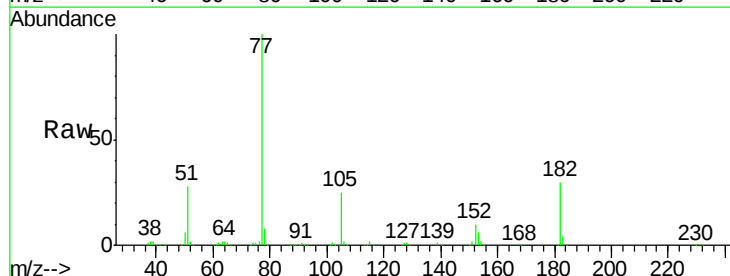
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

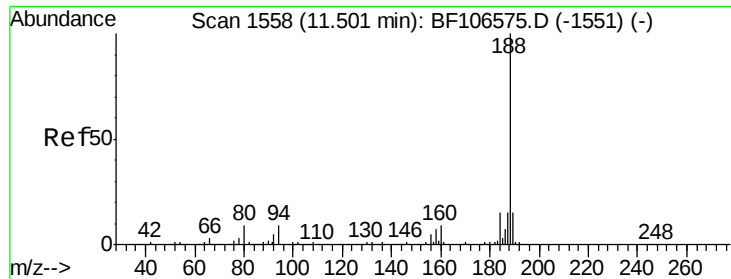
Tgt Ion:138 Resp: 97857
Ion Ratio Lower Upper
138 100
92 47.0 30.2 70.2
108 67.2 52.5 92.5



#62
Azobenzene
Concen: 37.948 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion: 77 Resp: 446057
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 24.9 3.0 43.0
51 28.1 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

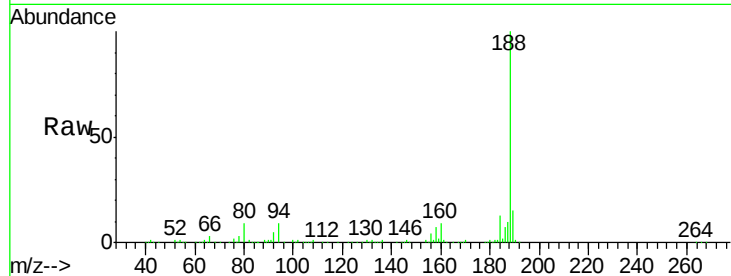
Tgt Ion:188 Resp: 296409

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

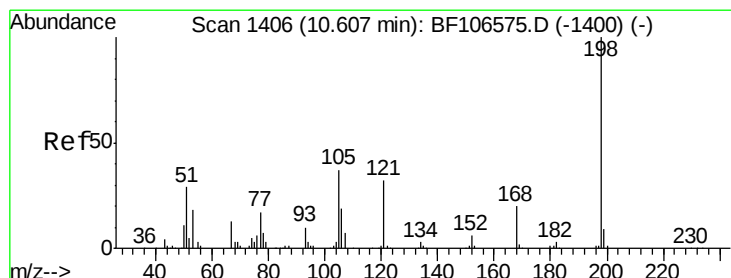
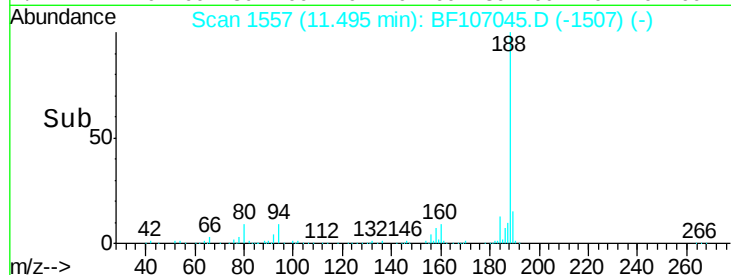
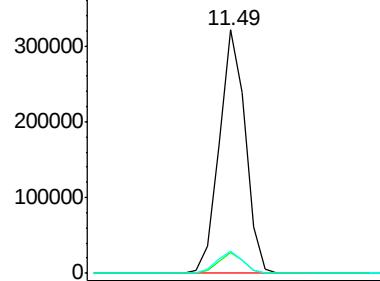
80 9.4 9.2 13.8



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: 25.037 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

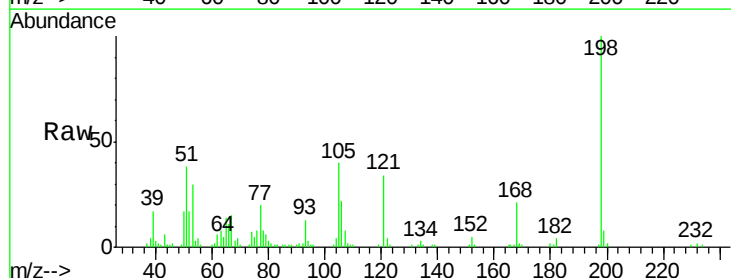
Tgt Ion:198 Resp: 45873

Ion Ratio Lower Upper

198 100

51 38.0 37.7 77.7

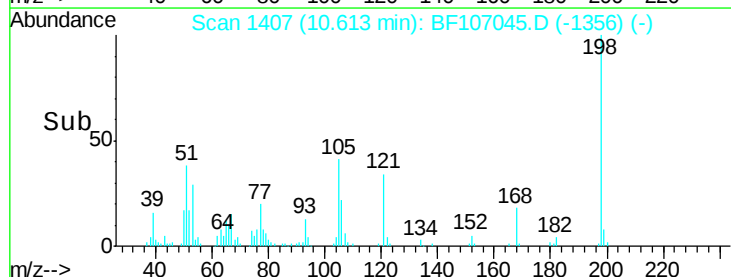
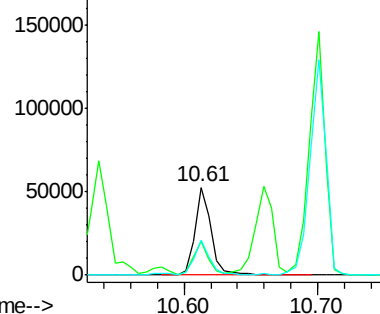
105 40.5 36.3 76.3

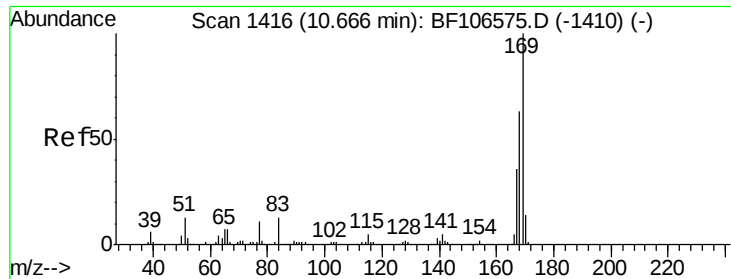


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

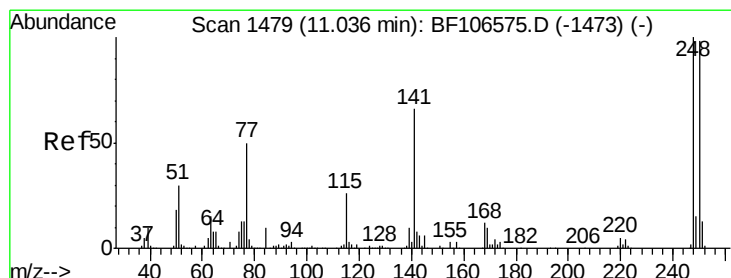
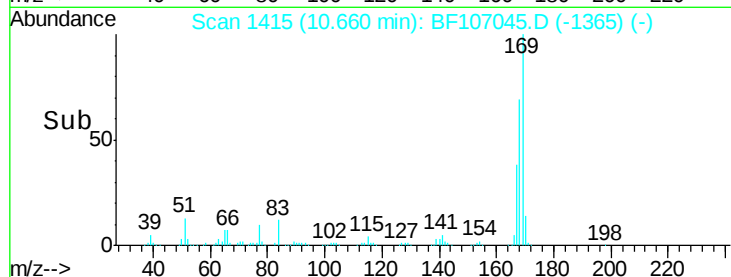
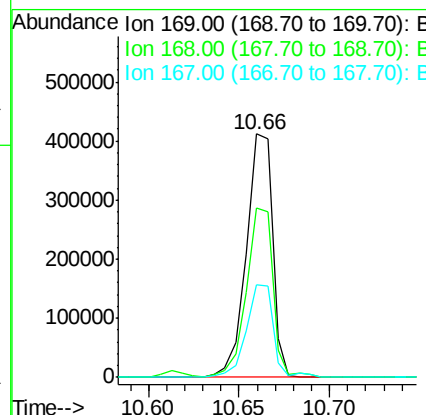
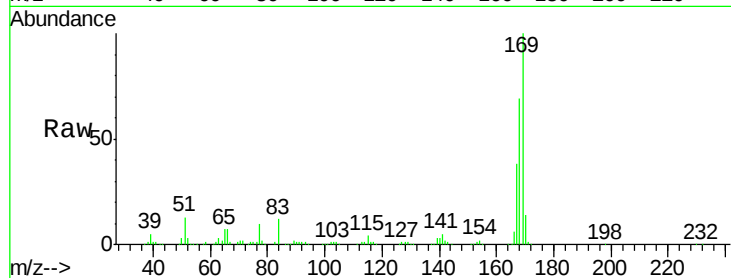




#65
 n-Nitrosodiphenylamine
 Concen: 41.722 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

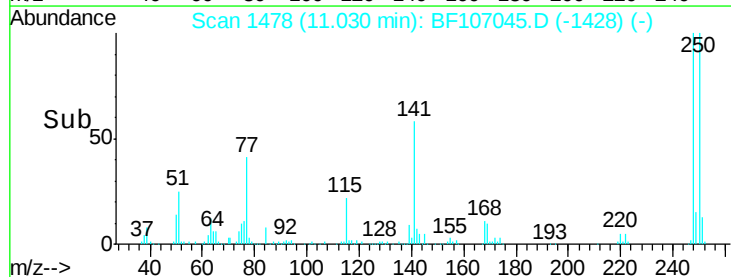
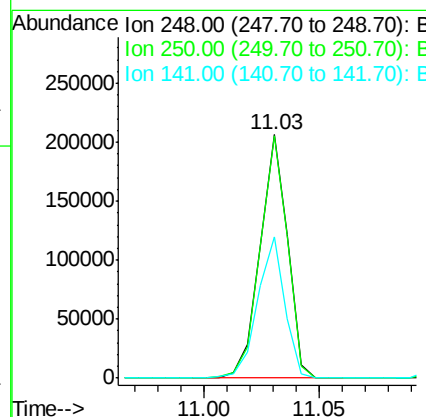
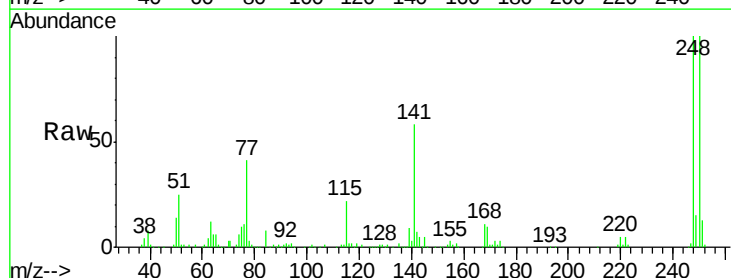
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

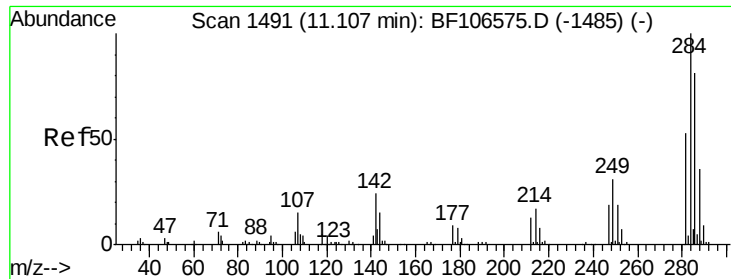
Tgt Ion:169 Resp: 415961
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.4 81.6
 167 38.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.536 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:248 Resp: 171696
 Ion Ratio Lower Upper
 248 100
 250 99.6 76.9 115.3
 141 57.7 74.4 111.6#





#67

Hexachlorobenzene

Concen: 48.033 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

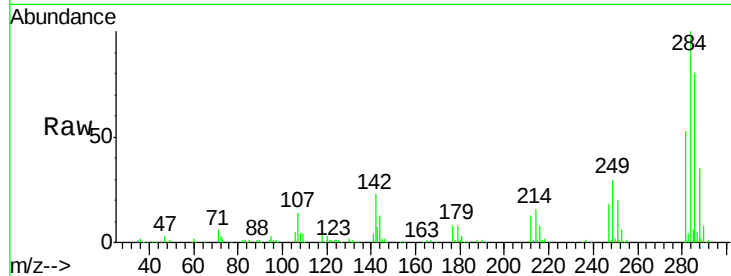
Tgt Ion:284 Resp: 177841

Ion Ratio Lower Upper

284 100

142 22.7 34.6 52.0#

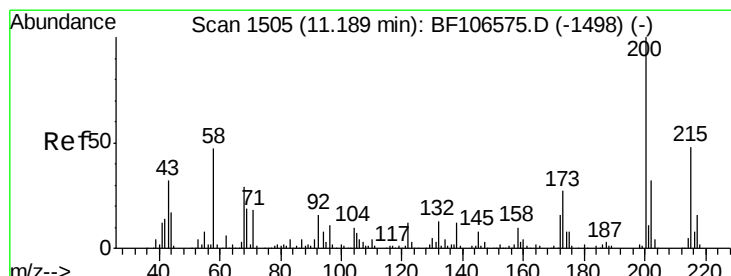
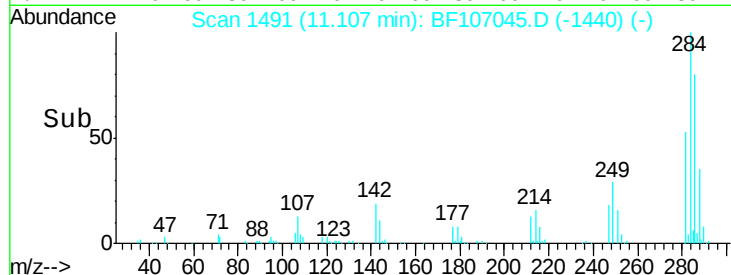
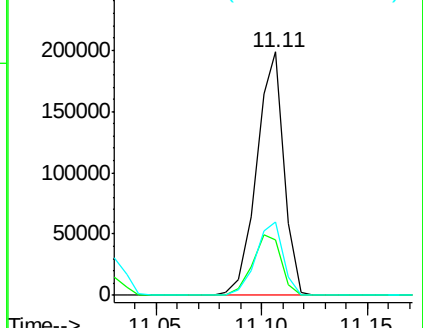
249 30.4 24.8 37.2



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: 45.081 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

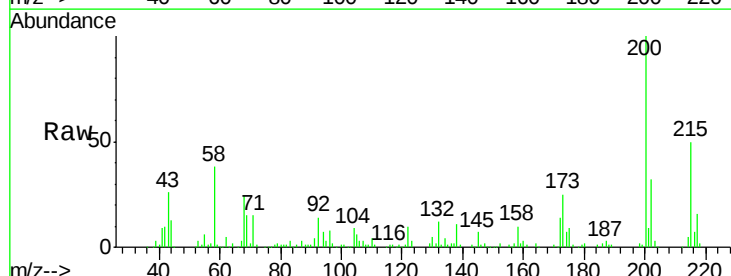
Tgt Ion:200 Resp: 142881

Ion Ratio Lower Upper

200 100

173 25.3 8.6 48.6

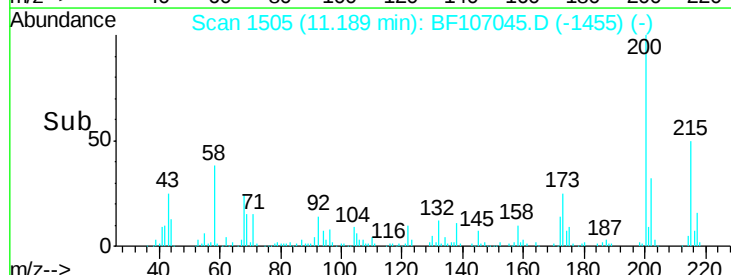
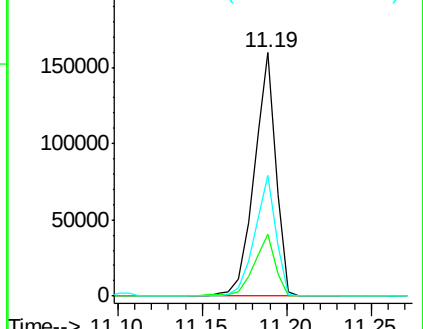
215 49.8 25.1 65.1

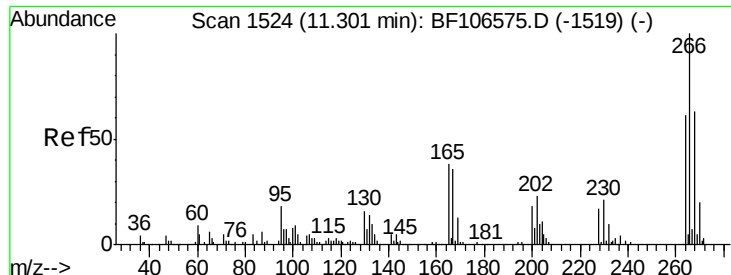


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

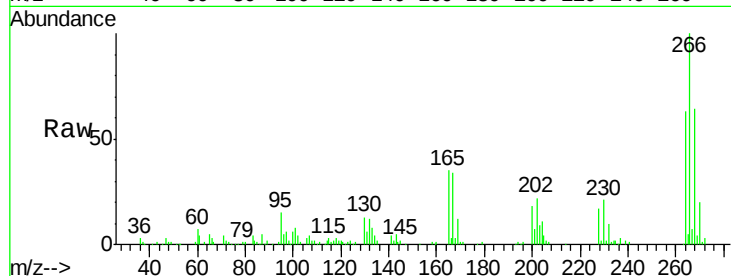




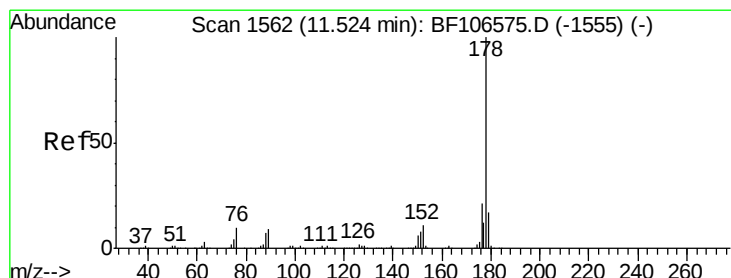
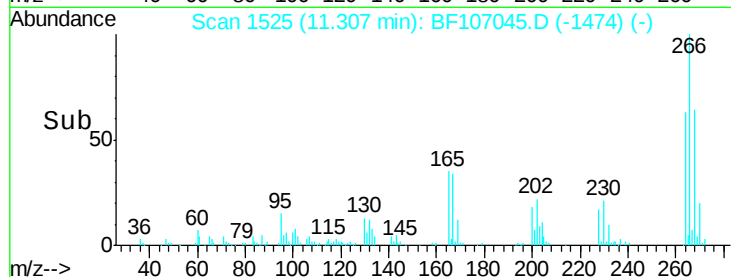
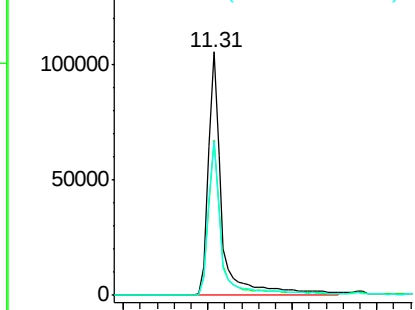
#69
 Pentachlorophenol
 Concen: 64.493 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion:266 Resp: 119144
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.1 76.7
 264 63.1 49.5 74.3

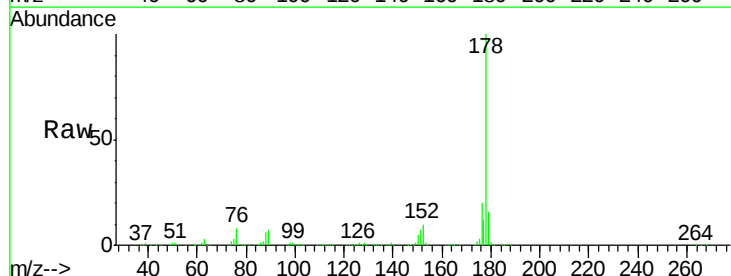


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

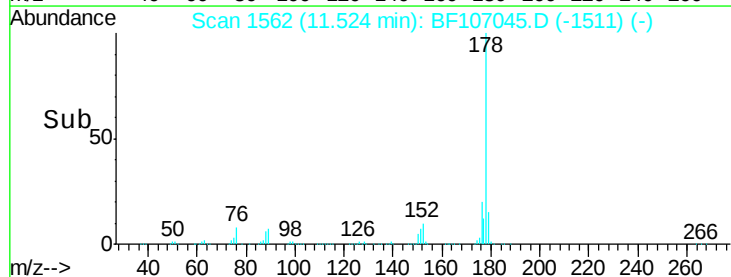
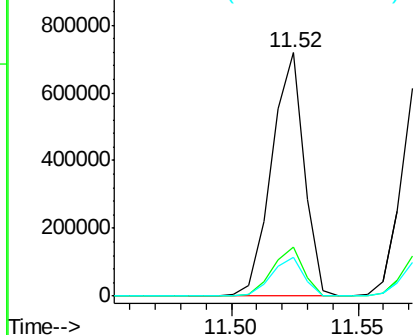


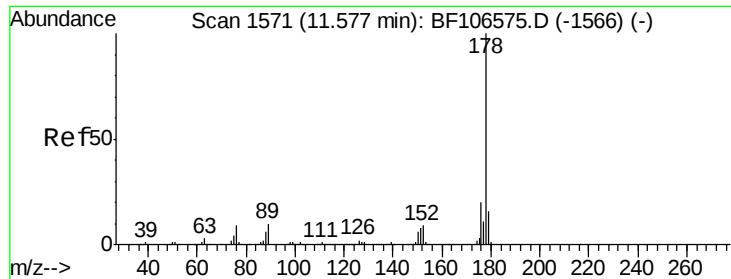
#70
 Phenanthrene
 Concen: 45.248 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:178 Resp: 646886
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.9 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

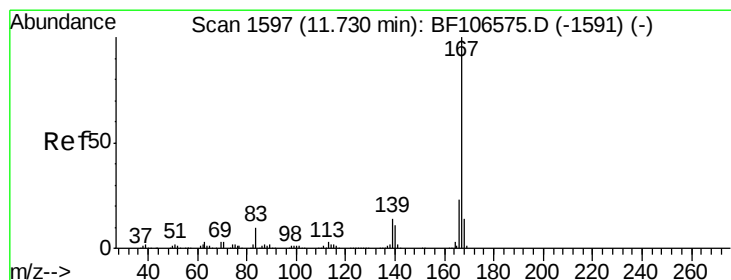
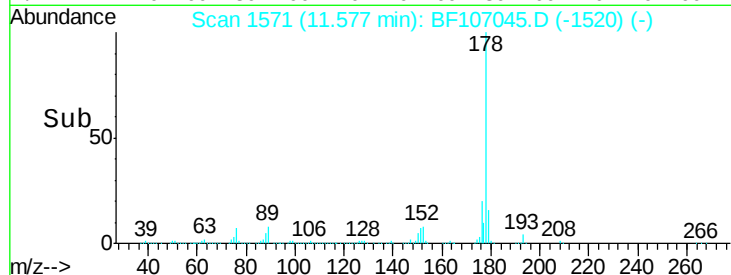
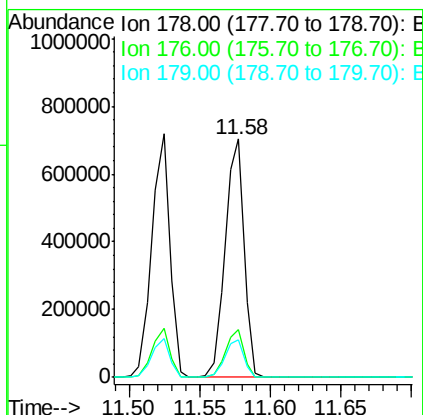
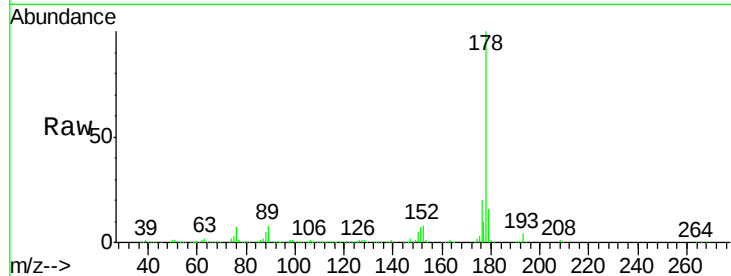




#71
 Anthracene
 Concen: 44.985 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

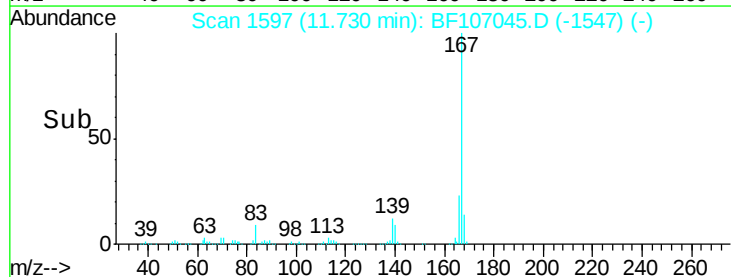
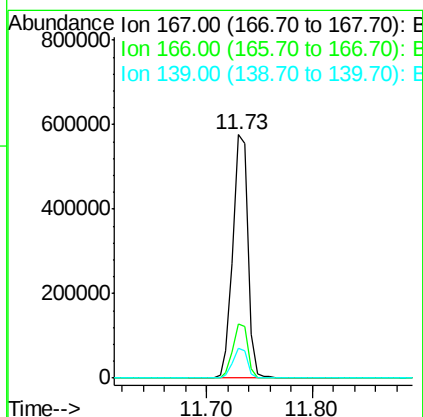
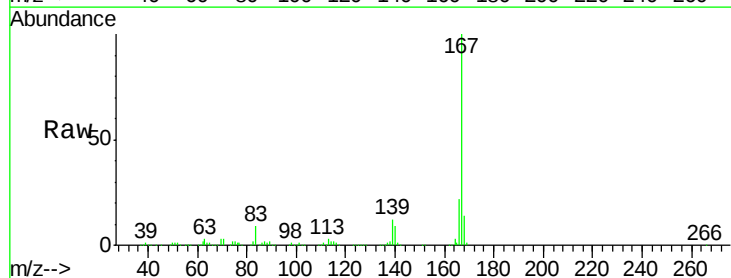
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

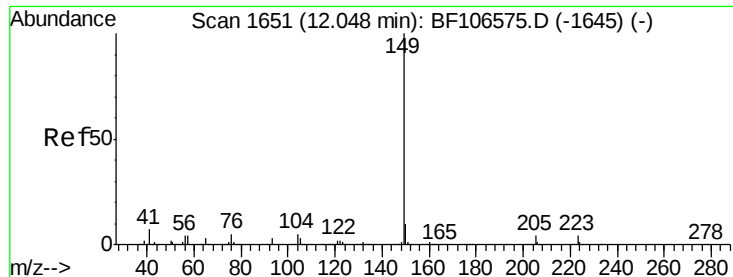
Tgt Ion:178 Resp: 656445
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 41.512 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:167 Resp: 567138
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.085 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

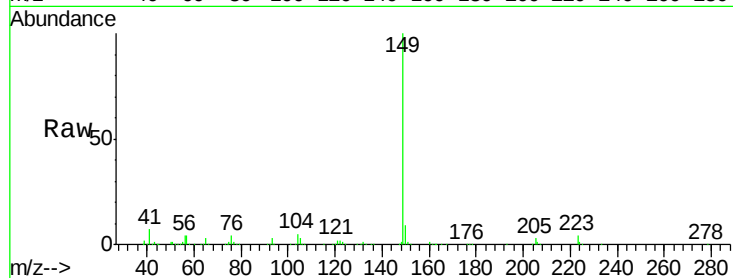
Tgt Ion:149 Resp: 709552

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

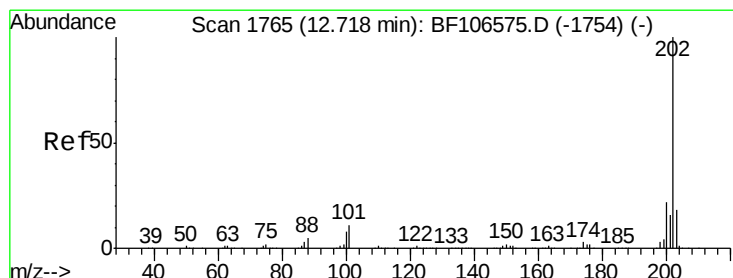
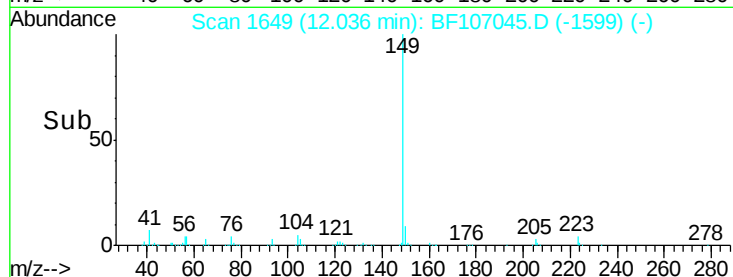
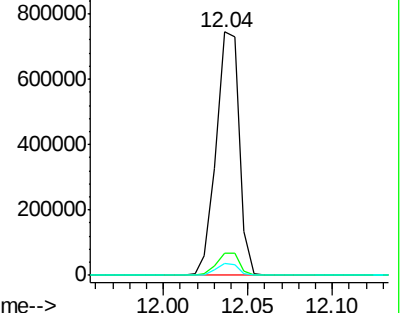
104 4.7 3.8 5.8



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: 41.849 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

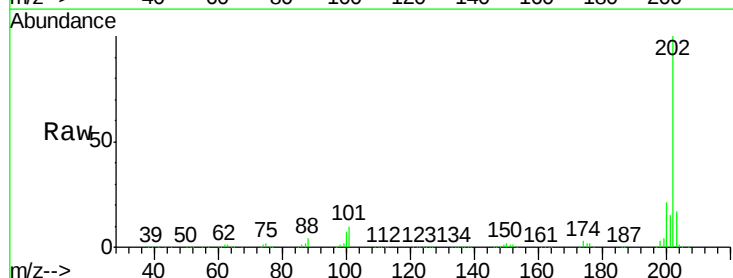
Tgt Ion:202 Resp: 659431

Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.1

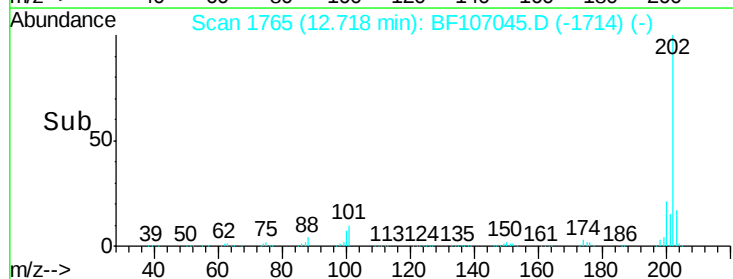
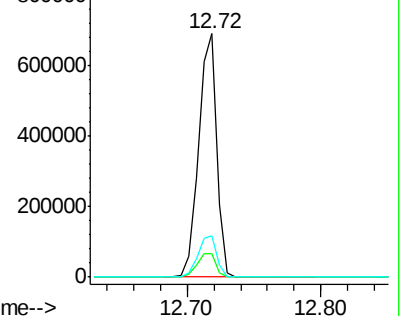
203 17.2 0.0 38.1

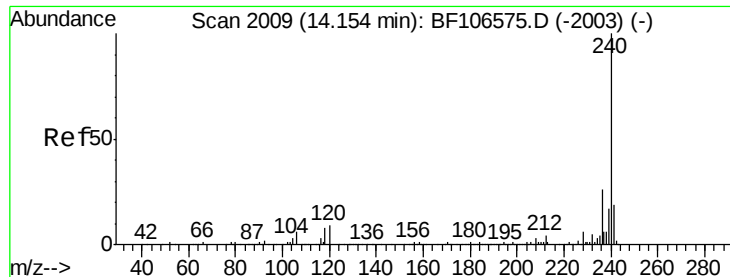


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD

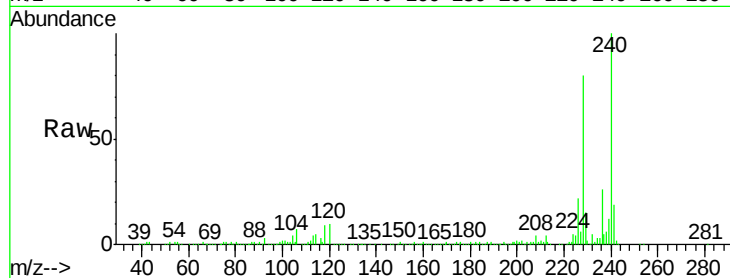
Tgt Ion:240 Resp: 226793

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

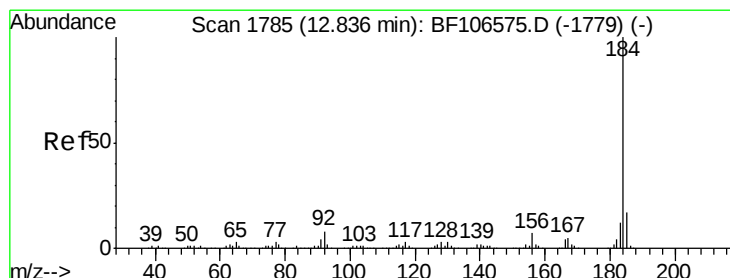
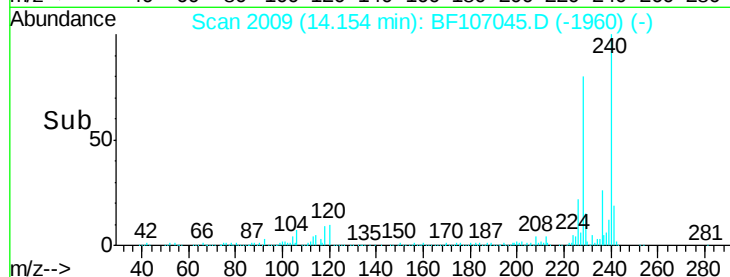
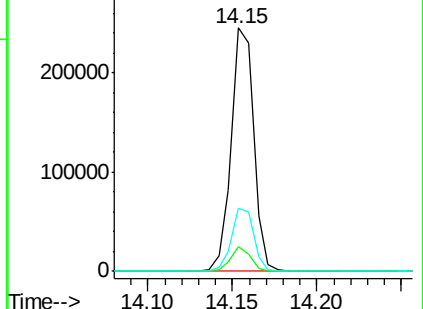
236 25.9 20.7 31.1



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: 36.828 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF107045.D

Acq: 2 Jul 2018 15:36

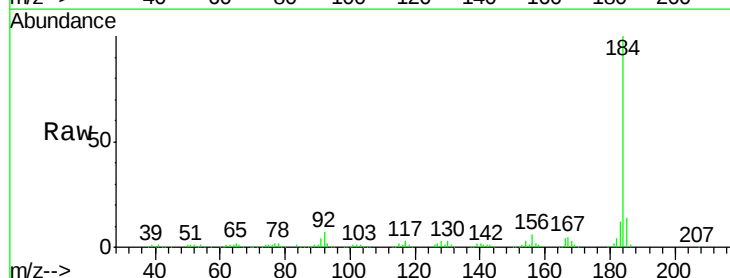
Tgt Ion:184 Resp: 237871

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

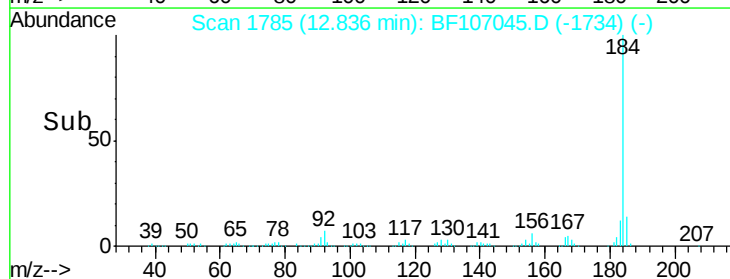
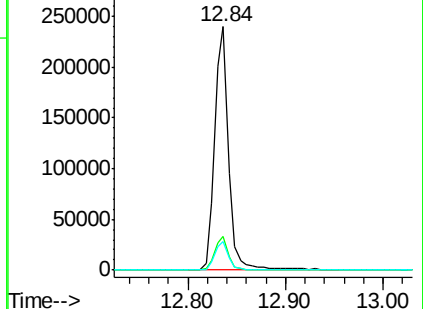
183 12.0 9.3 13.9

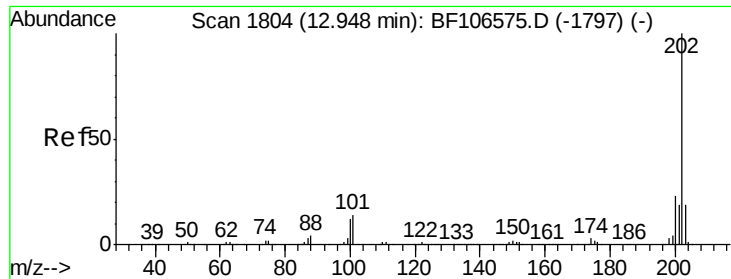


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

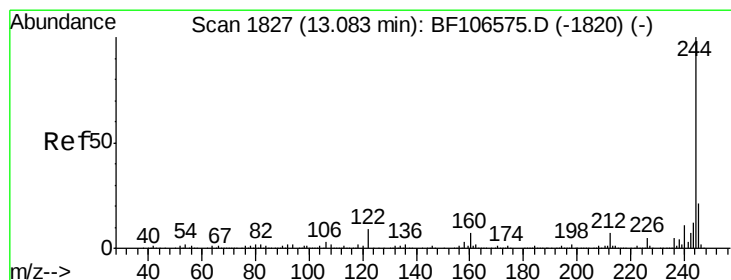
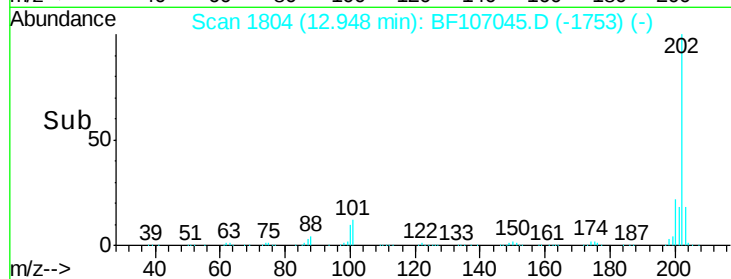
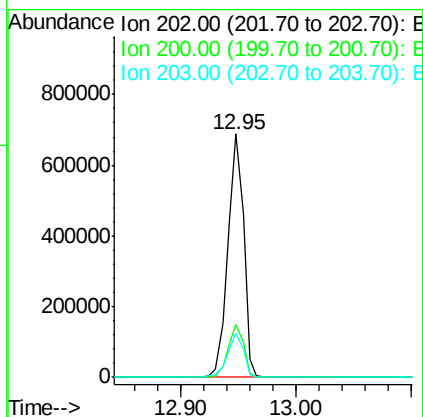
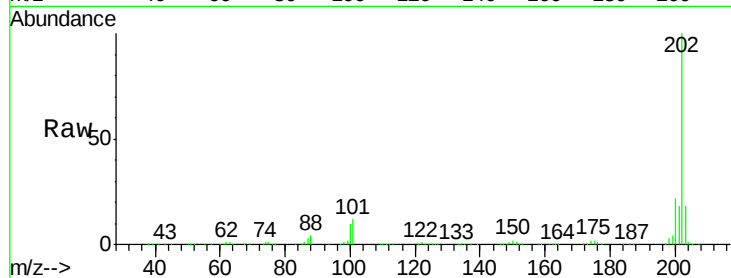




#77
 Pyrene
 Concen: 43.428 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

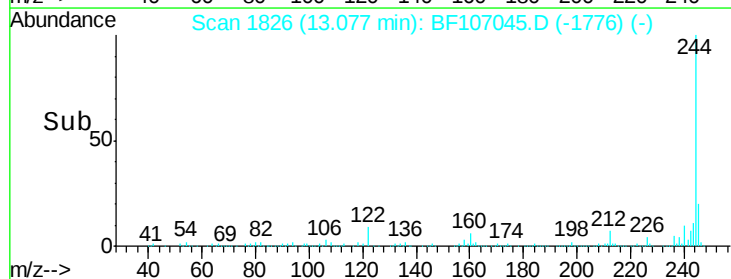
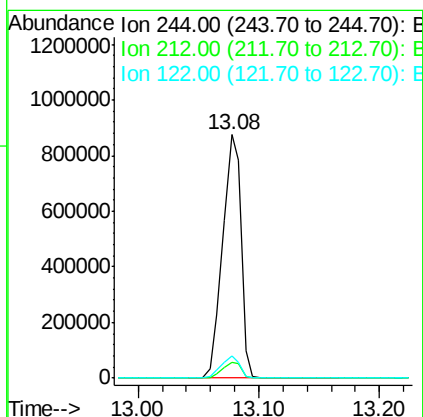
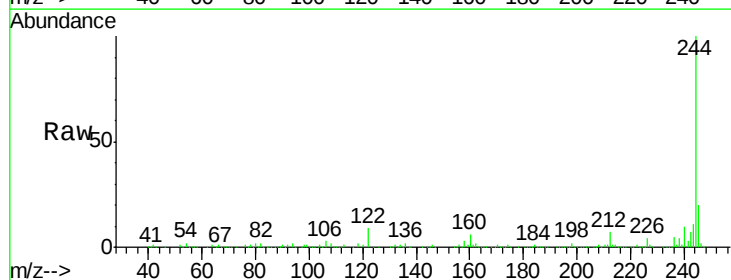
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

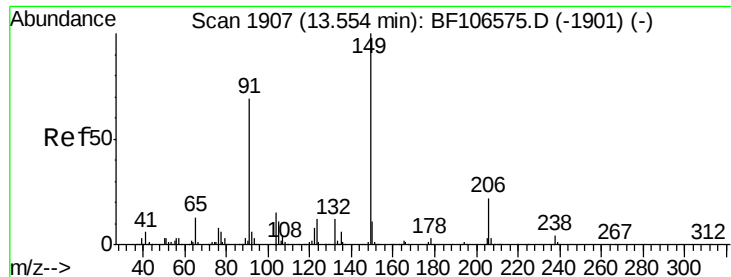
Tgt Ion: 202 Resp: 649484
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 98.175 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion: 244 Resp: 919189
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.0 11.0 16.4#

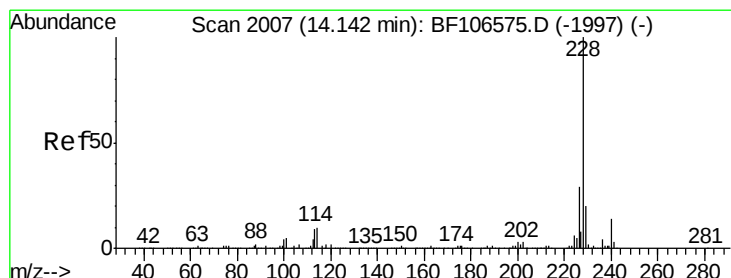
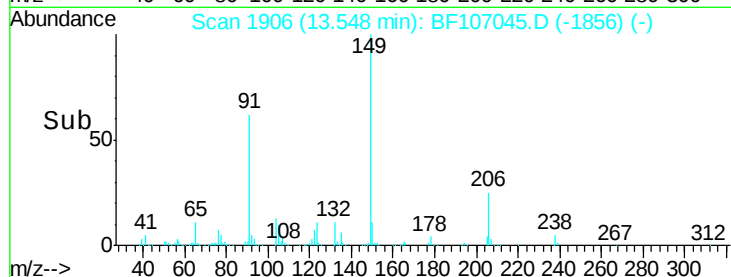
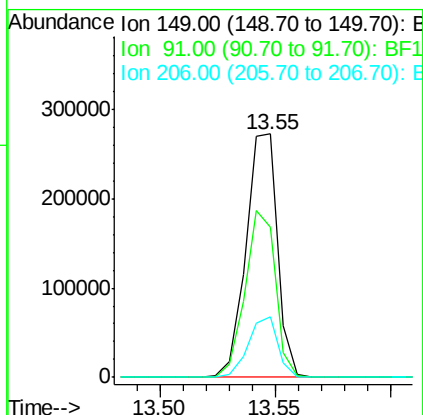
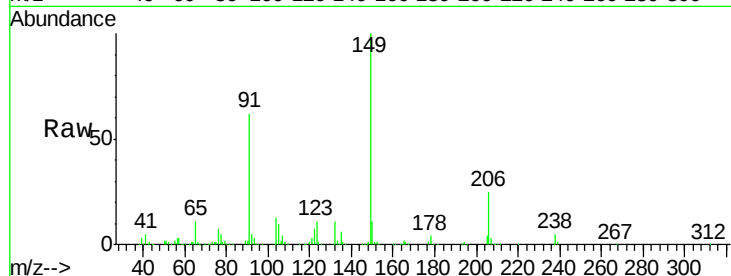




#79
Butylbenzylphthalate
Concen: 42.366 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

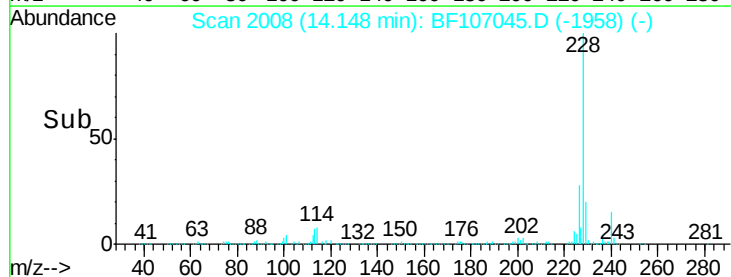
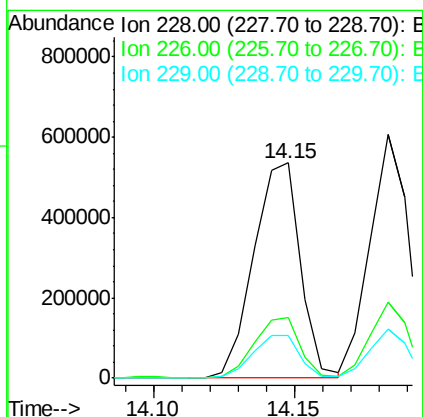
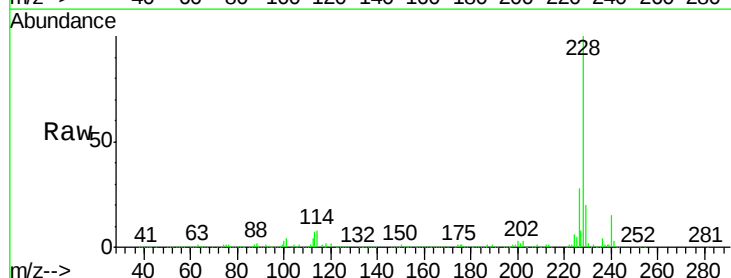
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

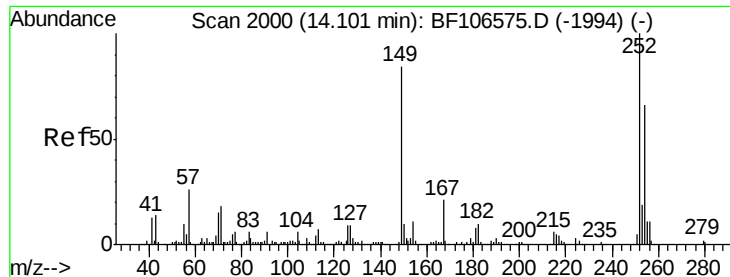
Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.8	56.8	85.2
206	24.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.410 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.7	15.8	23.6

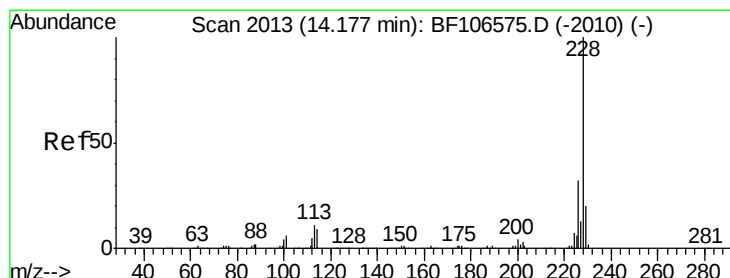
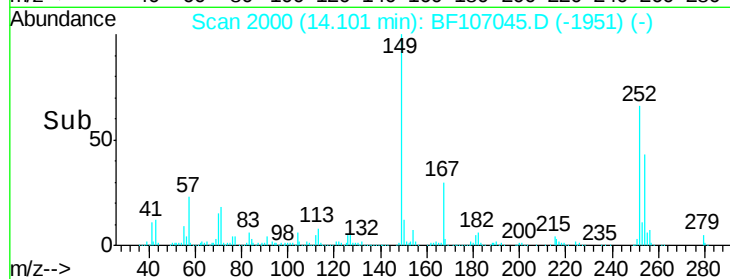
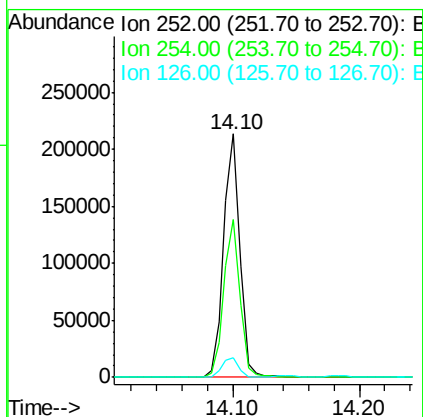
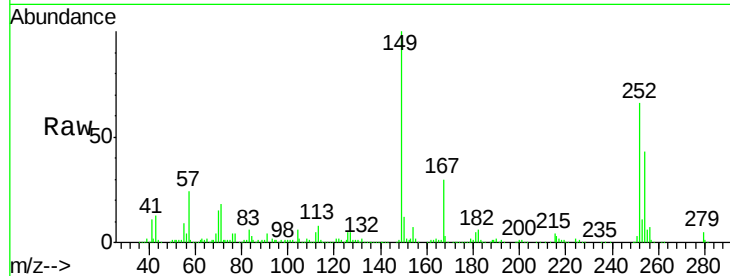




#81
 3,3'-Dichlorobenzidine
 Concen: 39.666 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

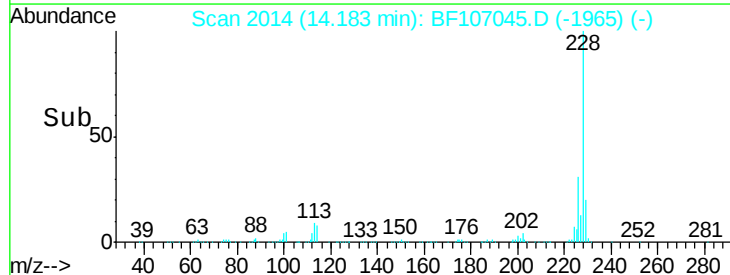
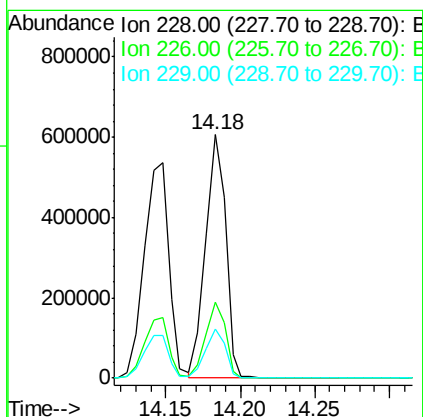
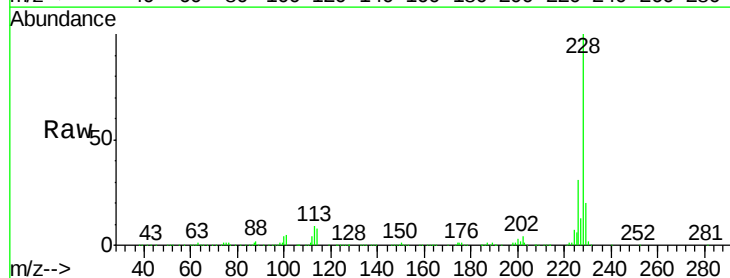
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

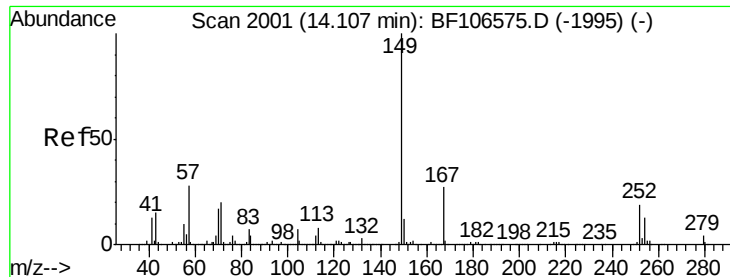
Tgt Ion: 252 Resp: 192699
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 8.0 11.3 16.9#



#82
 Chrysene
 Concen: 44.532 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion: 228 Resp: 566289
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.2 16.2 24.4

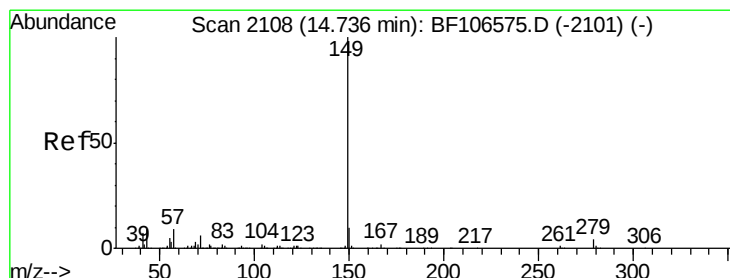
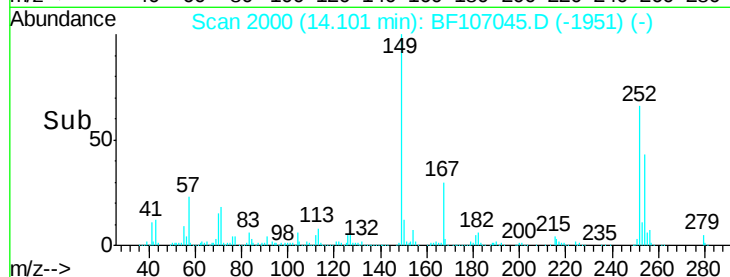
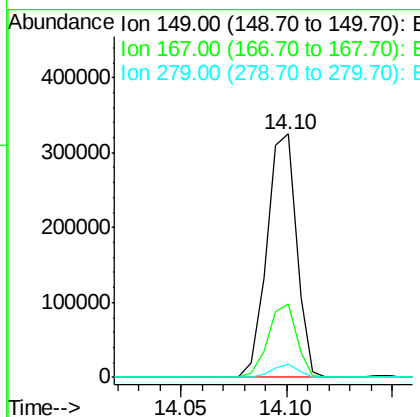
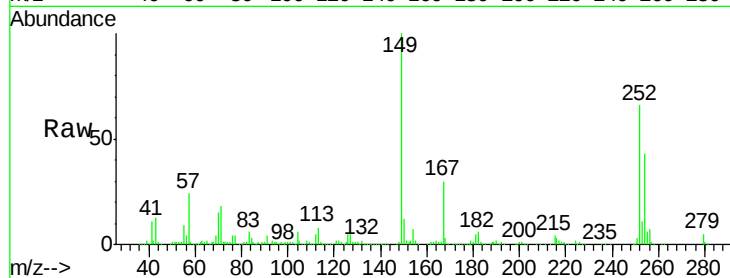




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.643 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

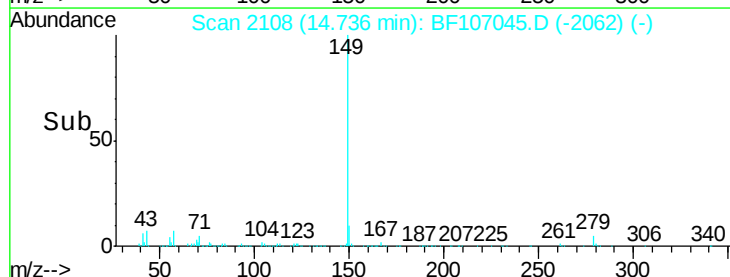
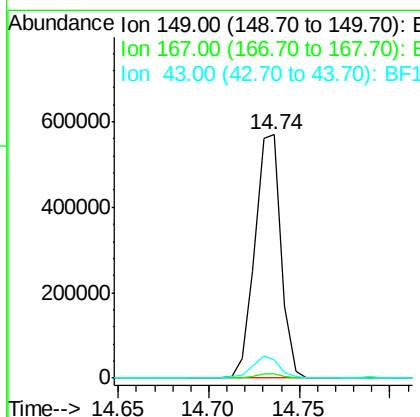
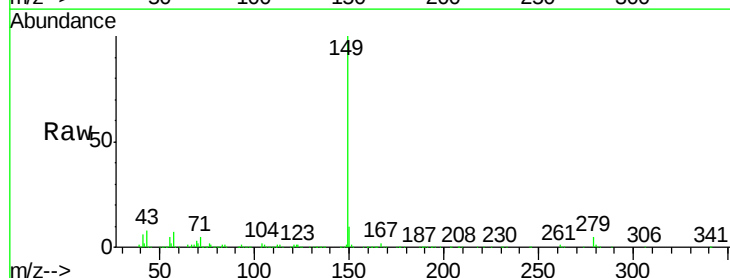
Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

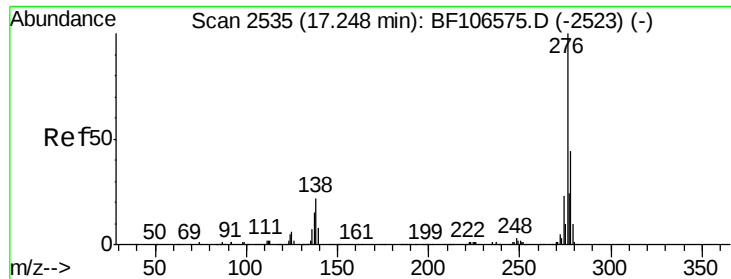
Tgt Ion:149 Resp: 319506
 Ion Ratio Lower Upper
 149 100
 167 30.1 21.3 31.9
 279 5.5 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 44.464 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion:149 Resp: 569764
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.5 8.4 12.6

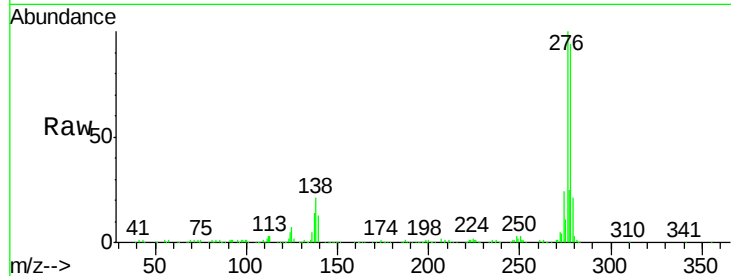




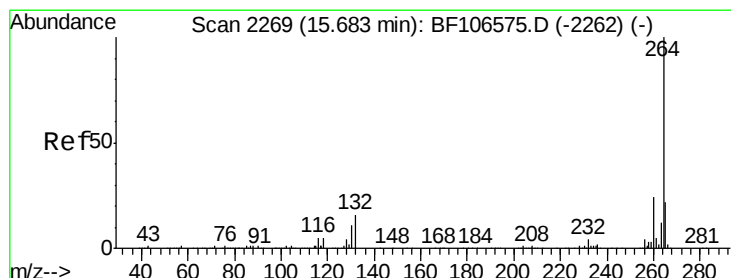
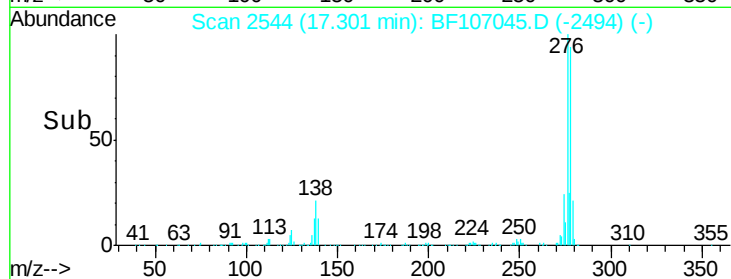
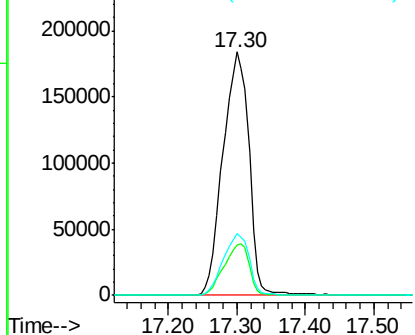
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.771 ng
 RT: 17.30 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Instrument :
 BNA_F
 ClientSampleId :
 JCSA-302MSD

Tgt Ion: 276 Resp: 483152
 Ion Ratio Lower Upper
 276 100
 138 20.8 25.0 37.6#
 277 25.3 20.1 30.1

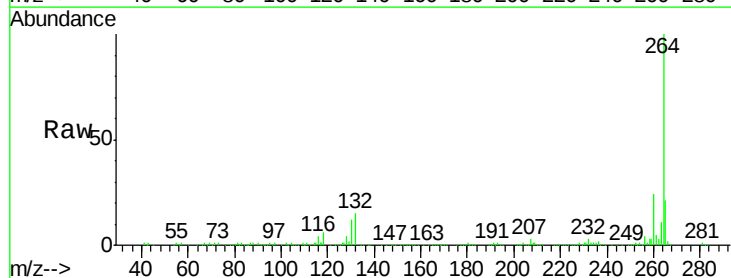


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

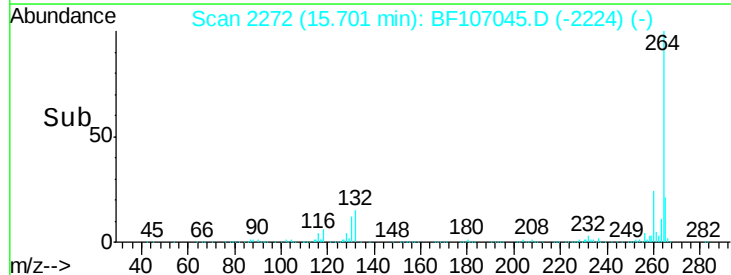
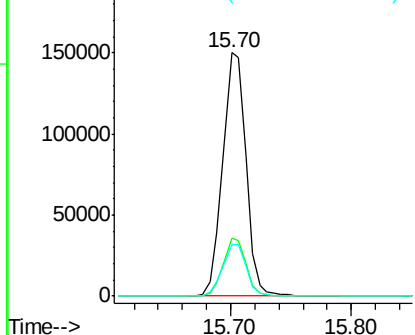


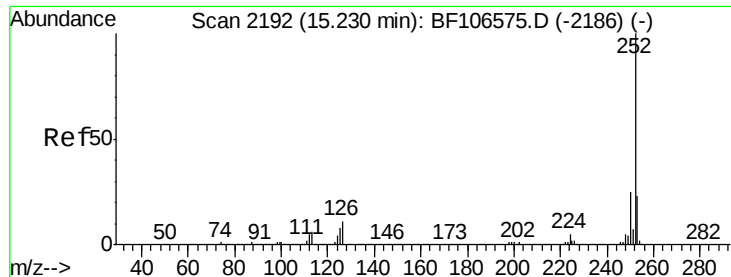
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF107045.D
 Acq: 2 Jul 2018 15:36

Tgt Ion: 264 Resp: 201071
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 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

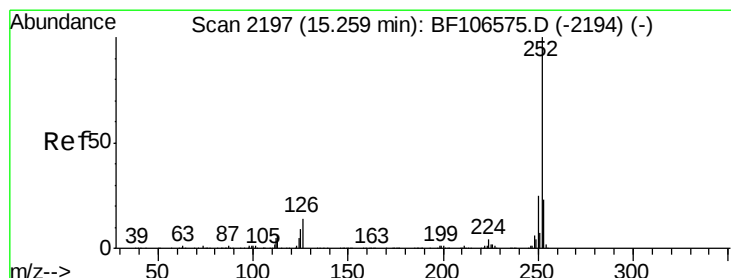
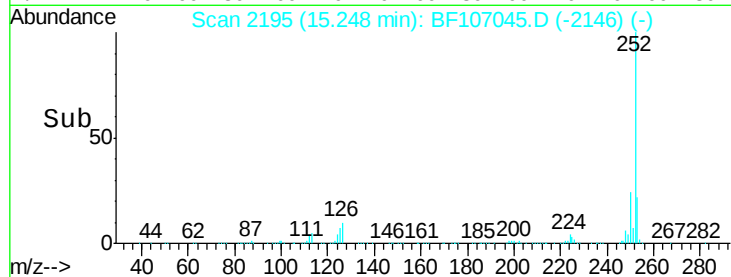
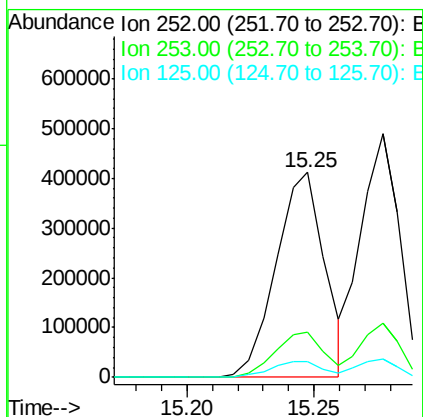
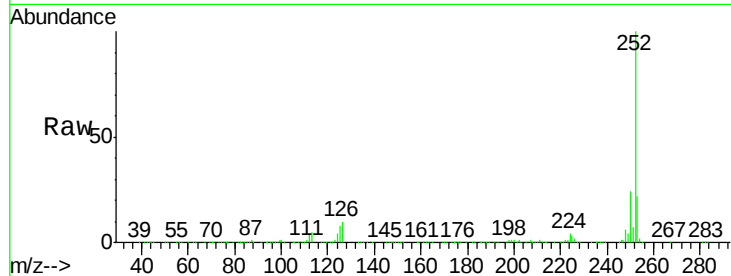




#87
Benzo(b)fluoranthene
Concen: 44.129 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

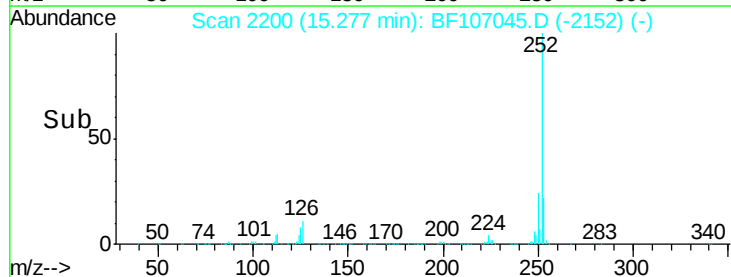
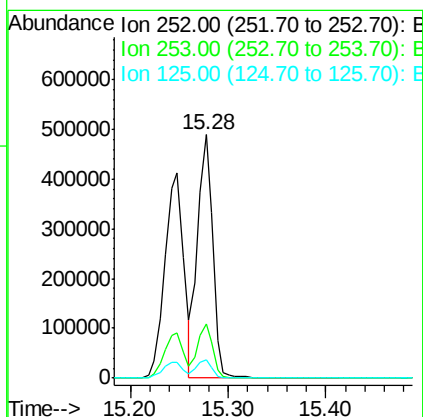
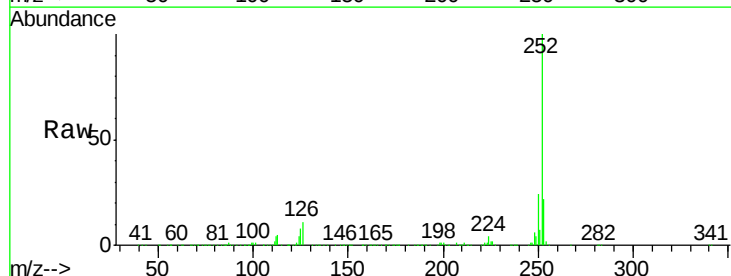
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

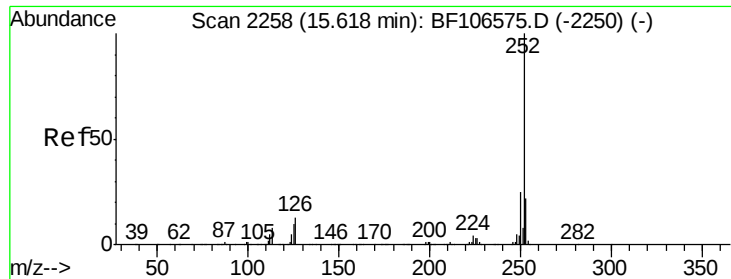
Tgt Ion:252 Resp: 551191
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 44.498 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:252 Resp: 529286
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 7.6 10.2 15.2#

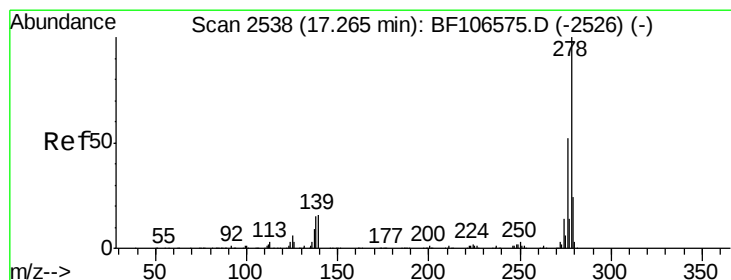
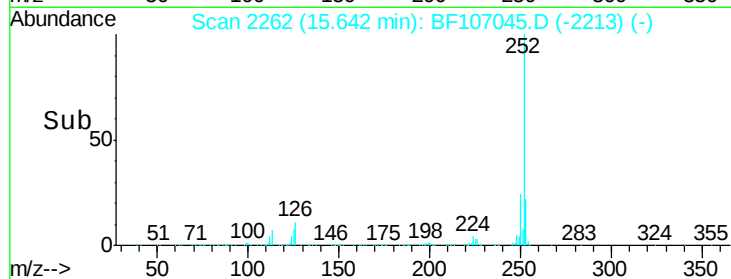
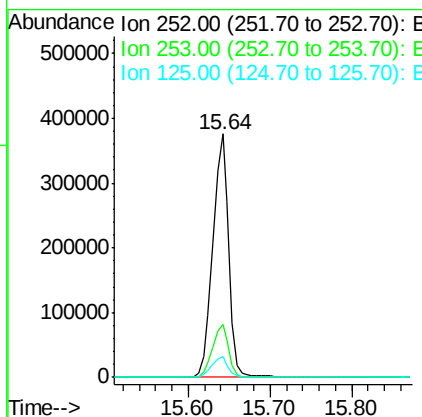
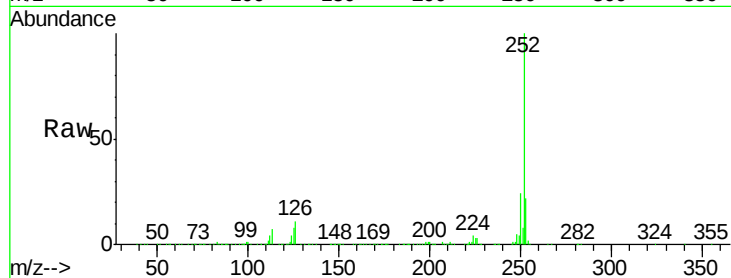




#89
Benzo(a)pyrene
Concen: 45.783 ng
RT: 15.64 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

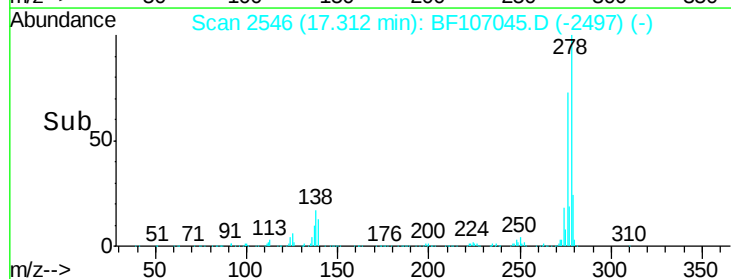
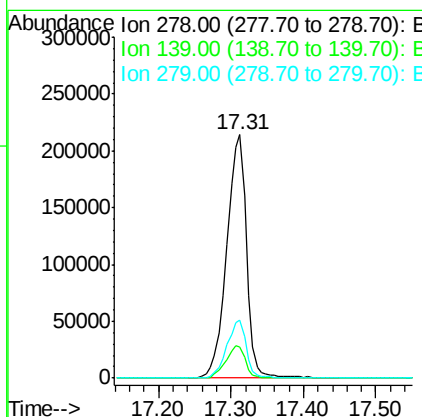
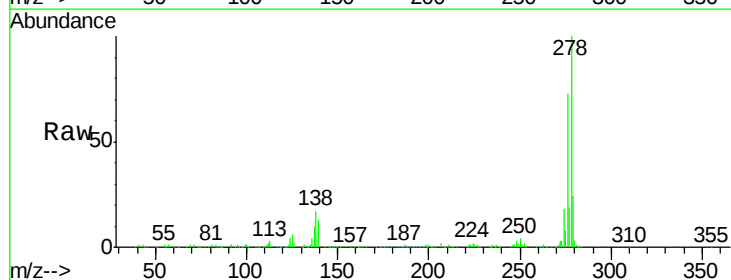
Instrument :
BNA_F
ClientSampleId :
JCSA-302MSD

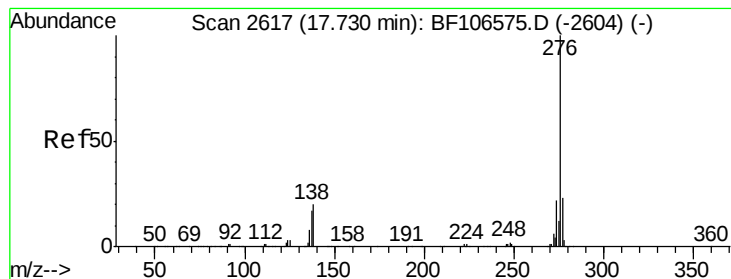
Tgt Ion:252 Resp: 508358
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 8.5 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 43.255 ng
RT: 17.31 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF107045.D
Acq: 2 Jul 2018 15:36

Tgt Ion:278 Resp: 407037
Ion Ratio Lower Upper
278 100
139 12.6 15.9 23.9#
279 23.8 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 42.413 ng

RT: 17.78 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BF107045.D

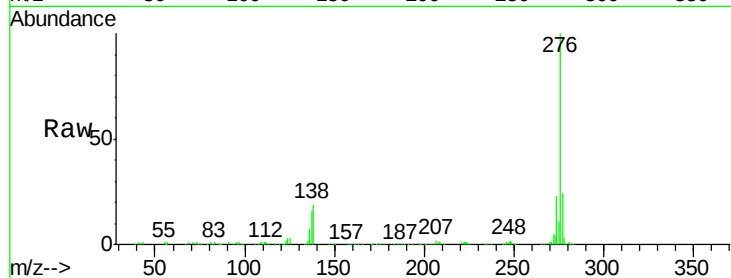
Acq: 2 Jul 2018 15:36

Instrument :

BNA_F

ClientSampleId :

JCSA-302MSD



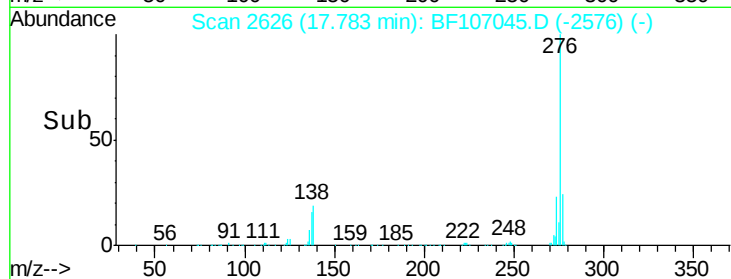
Tgt Ion: 276 Resp: 390108

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 19.0 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

