

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107327.D
 Acq On : 12 Jul 2018 4:00
 Operator : JU/SJ
 Sample : PB111003BSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 2:19:57 PM

Quant Time: Jul 12 07:34:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	52246	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	179553	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	84177	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	162408	20.00	ng	0.00
75) Chrysene-d12	14.14	240	132229	20.00	ng	0.00
86) Perylene-d12	15.67	264	97034	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	306405	99.31	ng	0.01
7) Phenol-d6	6.58	99	359340	93.26	ng	0.00
23) Nitrobenzene-d5	7.50	82	330811	102.39	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	97923	100.37	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	569960	120.82	ng	0.00
78) Terphenyl-d14	13.07	244	666413	122.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	63445	39.997	ng	98
3) Pyridine	3.60	79	186550	43.364	ng	97
4) n-Nitrosodimethylamine	3.57	42	77467	42.397	ng	86
6) Aniline	6.60	93	174534	33.393	ng	# 59
8) 2-Chlorophenol	6.73	128	161751	47.797	ng	96
9) Benzaldehyde	6.49	77	71251	24.430	ng	98
10) Phenol	6.60	94	196575	44.704	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	166353	45.825	ng	99
12) 1,3-Dichlorobenzene	6.87	146	189030	47.692	ng	98
13) 1,4-Dichlorobenzene	6.95	146	191761	47.854	ng	97
14) 1,2-Dichlorobenzene	7.10	146	175160	47.696	ng	98
15) Benzyl Alcohol	7.08	79	128839	41.643	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	228890	48.056	ng	# 28
17) 2-Methylphenol	7.20	107	133149	45.976	ng	# 90
18) Hexachloroethane	7.44	117	46367	32.904	ng	# 82
19) n-Nitroso-di-n-propylamine	7.34	70	114997	45.277	ng	94
20) 3+4-Methylphenols	7.35	107	171494	60.709	ng	96
22) Acetophenone	7.34	105	220651	54.929	ng	# 99
24) Nitrobenzene	7.52	77	168911	51.207	ng	97
25) Isophorone	7.75	82	312630	54.912	ng	98
26) 2-Nitrophenol	7.84	139	65465	42.041	ng	95
27) 2,4-Dimethylphenol	7.87	122	141721	58.882	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	202653	53.014	ng	98
29) 2,4-Dichlorophenol	8.08	162	135775	53.883	ng	96
30) 1,2,4-Trichlorobenzene	8.15	180	155837	56.140	ng	96
31) Naphthalene	8.24	128	438172	52.197	ng	99
32) Benzoic acid	8.01	122	48599m	30.176	ng	
33) 4-Chloroaniline	8.29	127	119227	33.849	ng	98
34) Hexachlorobutadiene	8.34	225	105936	58.569	ng	98
35) Caprolactam	8.68	113	40711	49.564	ng	95
36) 4-Chloro-3-methylphenol	8.79	107	133119	50.190	ng	98
37) 2-Methylnaphthalene	8.93	142	313204	56.289	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	158889	56.049	ng	# 95
42) 2,4,6-Trichlorophenol	9.22	196	88312	46.866	ng	92

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Manual Integrations
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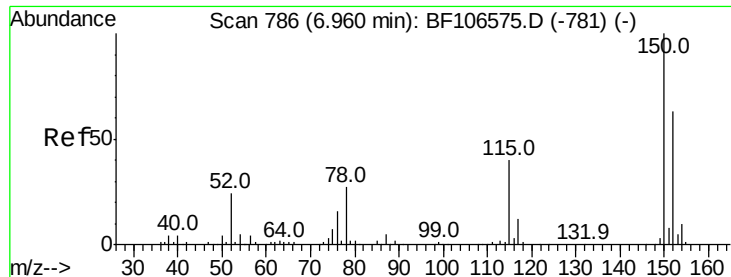
Sohil
 7/12/2018 2:19:57 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.28	196	88561	45.040	nq	# 85
45) 1,1'-Biphenyl	9.40	154	364968	54.404	nq	99
46) 2-Chloronaphthalene	9.43	162	263776	49.952	nq	94
47) 2-Nitroaniline	9.53	65	87947	49.528	nq	93
48) Acenaphthylene	9.85	152	405053	48.585	nq	99
49) Dimethylphthalate	9.70	163	308748	48.904	nq	# 98
50) 2,6-Dinitrotoluene	9.77	165	61487	45.993	nq	91
51) Acenaphthene	10.02	154	242069	46.110	nq	98
52) 3-Nitroaniline	9.95	138	78867	51.266	nq	98
53) 2,4-Dinitrophenol	10.08	184	2676	8.945	nq	# 15
54) Dibenzofuran	10.19	168	369233	51.363	nq	95
55) 4-Nitrophenol	10.14	139	56304	52.433	nq	97
56) 2,4-Dinitrotoluene	10.18	165	70451	40.373	nq	# 96
57) Fluorene	10.54	166	293626	51.473	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	73721	47.166	nq	# 78
59) Diethylphthalate	10.40	149	297168	48.768	nq	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	154514	51.768	nq	# 85
61) 4-Nitroaniline	10.57	138	75979	49.765	nq	93
62) Azobenzene	10.68	77	272669	45.441	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	5675	5.653	nq	78
65) n-Nitrosodiphenylamine	10.64	169	253217	46.354	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	103275	53.283	nq	# 79
67) Hexachlorobenzene	11.09	284	107257	52.871	nq	# 82
68) Atrazine	11.17	200	79090	45.543	nq	97
69) Pentachlorophenol	11.30	266	38228	37.767	nq	97
70) Phenanthrene	11.51	178	433407	55.329	nq	99
71) Anthracene	11.56	178	439466	54.964	nq	100
72) Carbazole	11.72	167	394498	52.700	nq	97
73) Di-n-butylphthalate	12.02	149	450690	51.105	nq	99
74) Fluoranthene	12.70	202	488399	56.568	nq	96
76) Benzidine	12.82	184	375309	99.661	nq	98
77) Pyrene	12.94	202	492581	56.491	nq	100
79) Butylbenzylphthalate	13.53	149	196313	54.759	nq	# 94
80) Benzo(a)anthracene	14.13	228	432159	53.624	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	156157	55.132	nq	# 96
82) Chrysene	14.17	228	397633	53.631	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	255517	55.748	nq	98
84) Di-n-octyl phthalate	14.70	149	461309	61.746	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	310165	49.296	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	339066	56.251	nq	# 95
88) Benzo(k)fluoranthene	15.25	252	308318	53.712	nq	# 95
89) Benzo(a)pyrene	15.61	252	301076	56.187	nq	# 97
90) Dibenzo(a,h)anthracene	17.27	278	262409	57.783	nq	# 94
91) Benzo(g,h,i)perylene	17.75	276	263891	59.452	nq	# 90

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



#1

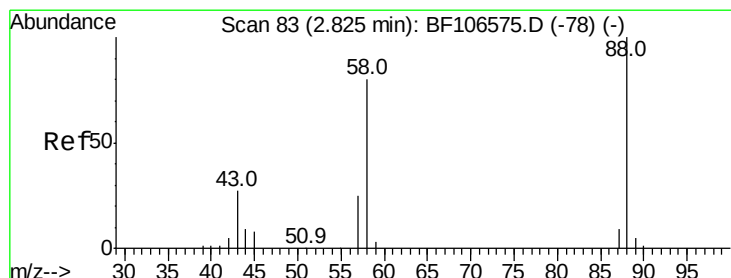
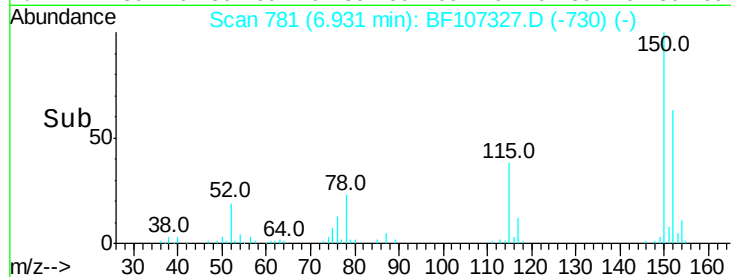
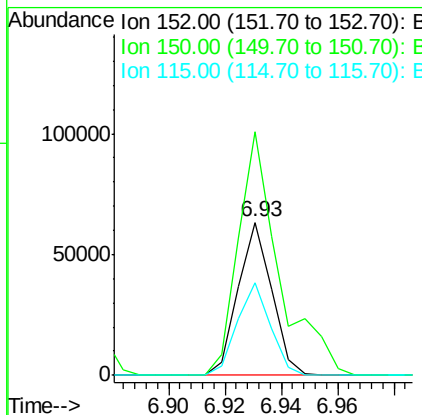
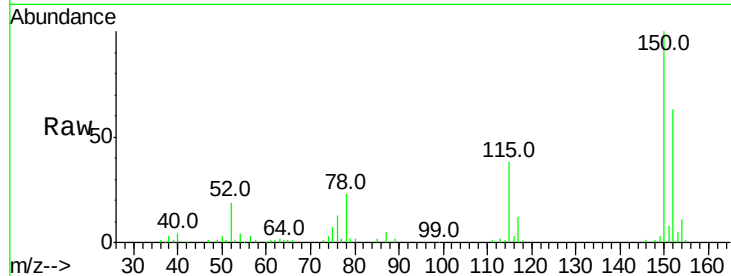
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
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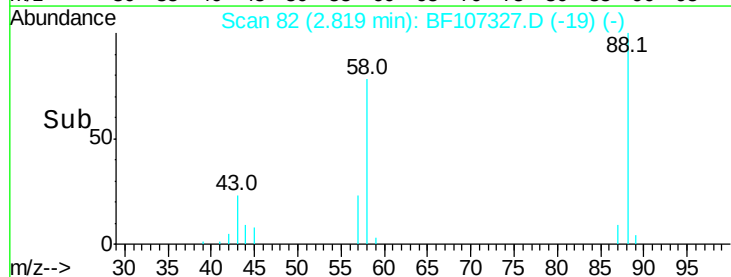
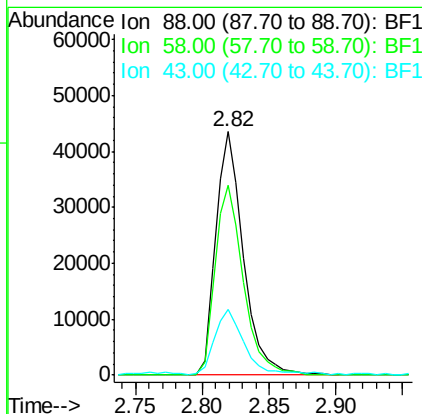
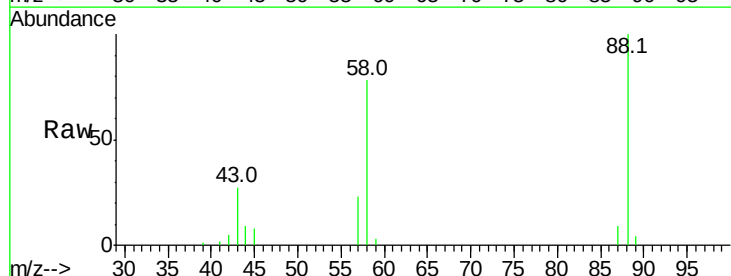
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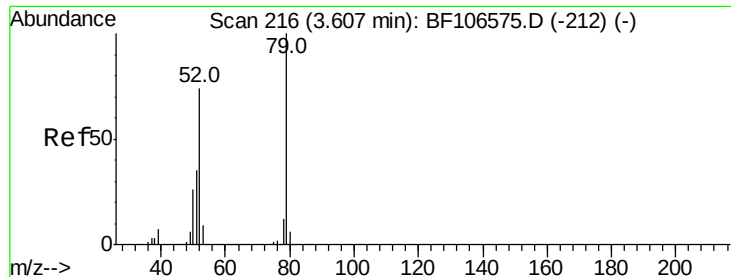


#2

1,4-Dioxane
Concen: 39.997 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.6	93.8
43	29.4	24.6	37.0





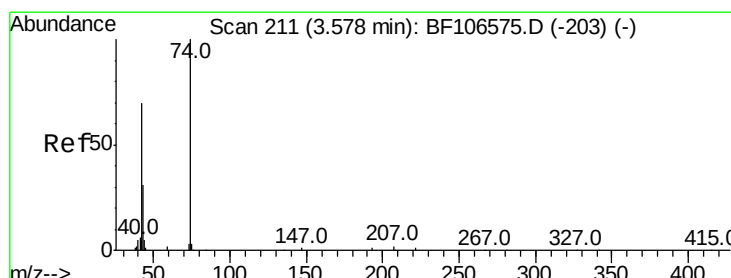
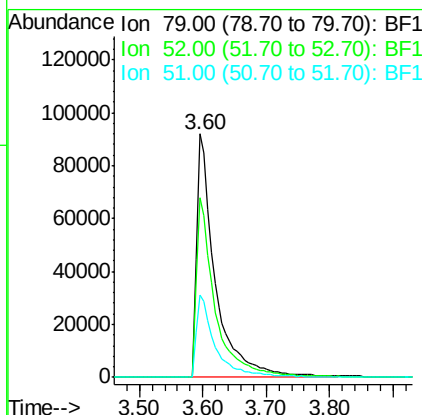
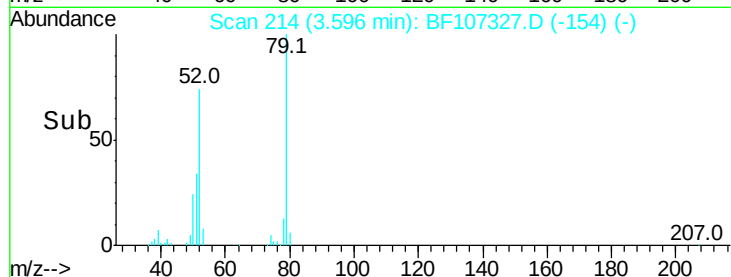
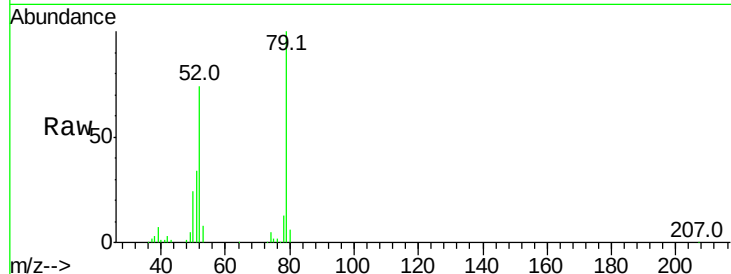
#3
 Pvridine
 Concen: 43.364 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.05 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.8	89.6
51	34.0	29.8	44.8

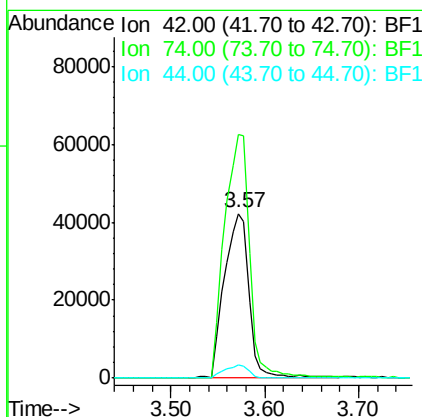
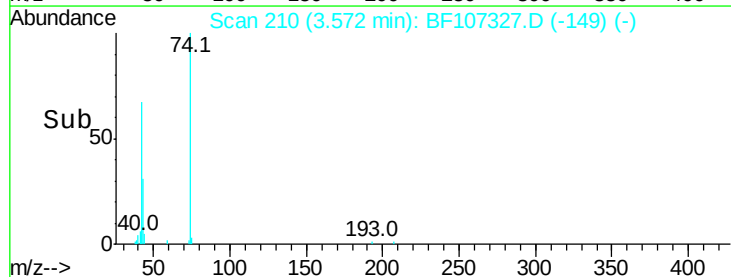
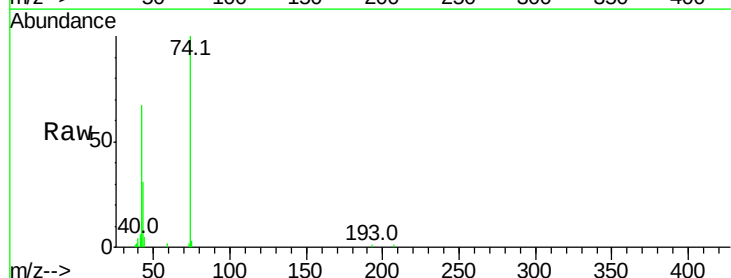
Manual Integrations
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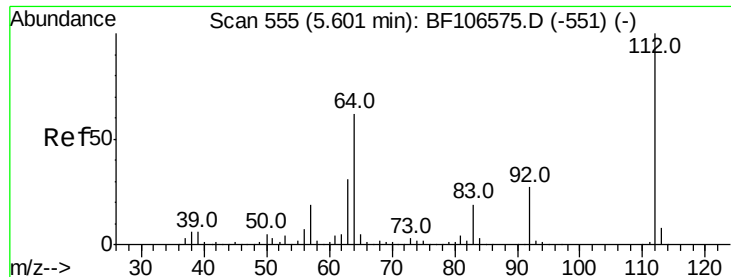
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#4
 n-Nitrosodimethylamine
 Concen: 42.397 ng
 RT: 3.57 min Scan# 210
 Delta R.T. 0.06 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.2	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 99.307 ng

RT: 5.58 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

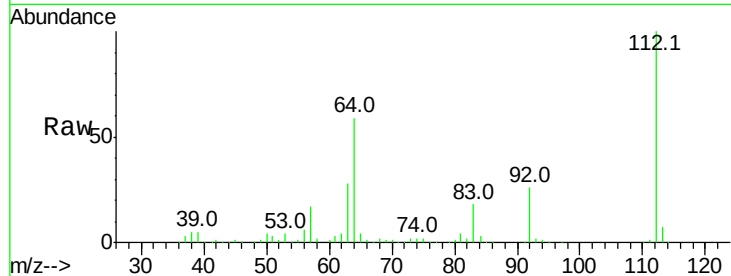
ClientSampleId :

PB111003BSD

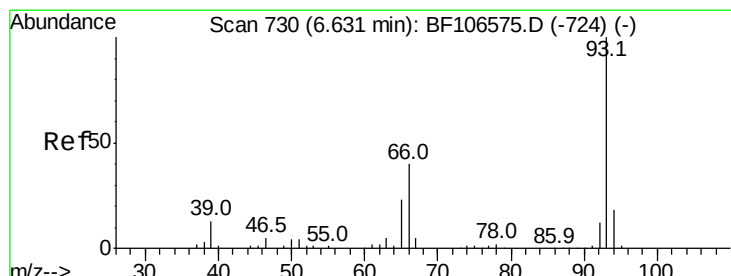
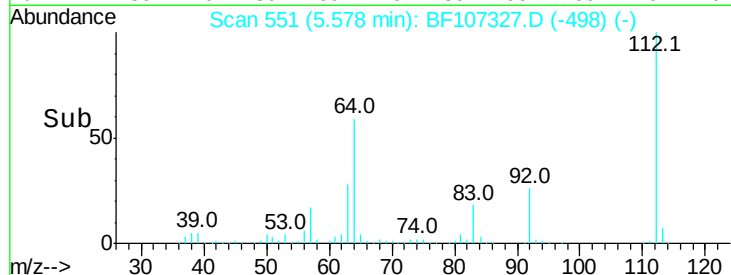
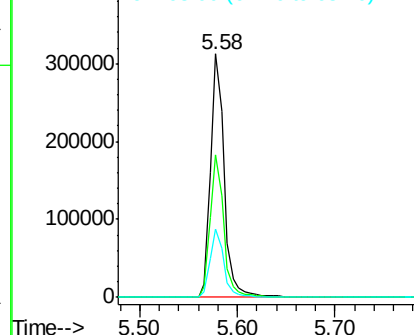
Tot Ion:	112	Resp:	306405
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.9	71.9
63	28.3	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.393 ng

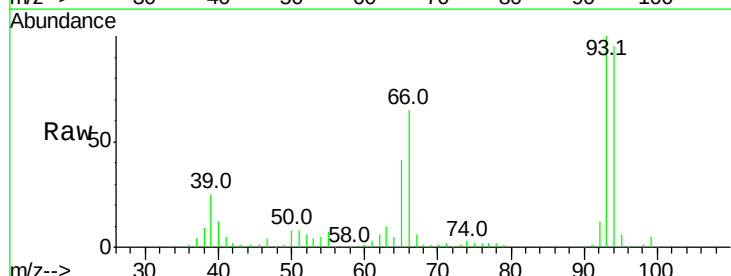
RT: 6.60 min Scan# 725

Delta R.T. -0.00 min

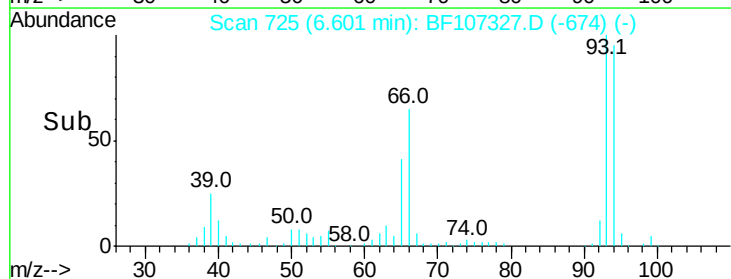
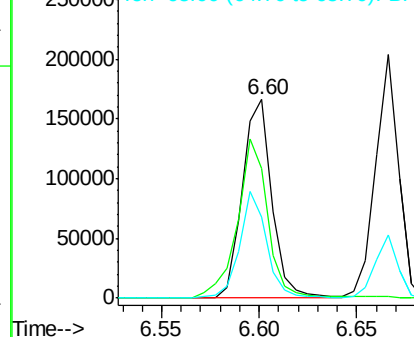
Lab File: BF107327.D

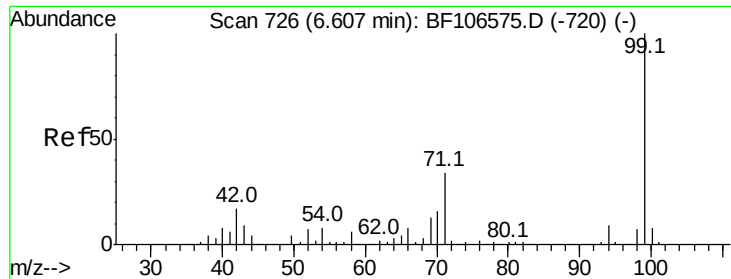
Acq: 12 Jul 2018 4:00

Tgt Ion:	93	Resp:	174534
Ion Ratio	Lower	Upper	
93	100		
66	65.1	32.2	48.2#
65	40.7	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





#7

Phenol-d6

Concen: 93.260 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

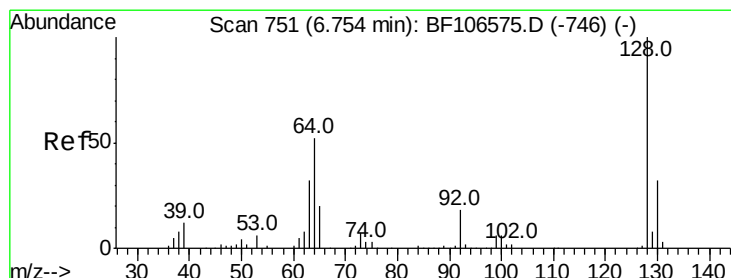
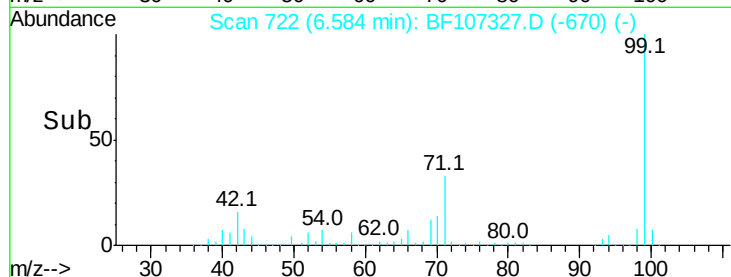
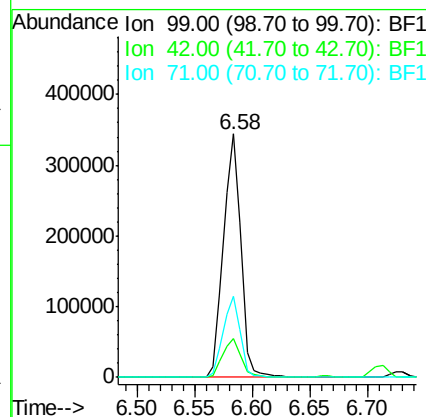
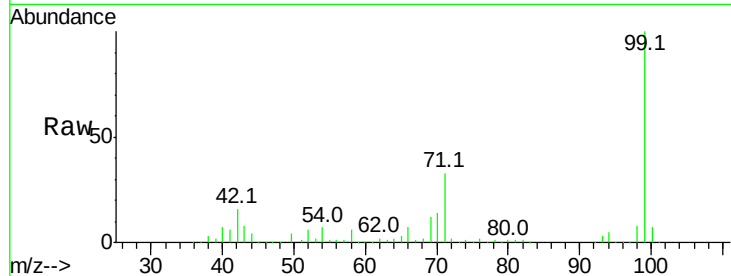
ClientSampleId :

PB111003BSD

Tot Ion:	99	Resp:	359340
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 47.797 ng

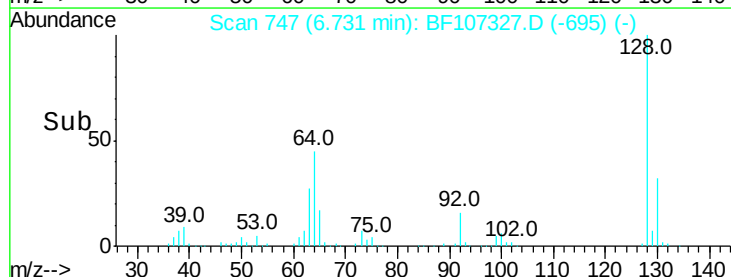
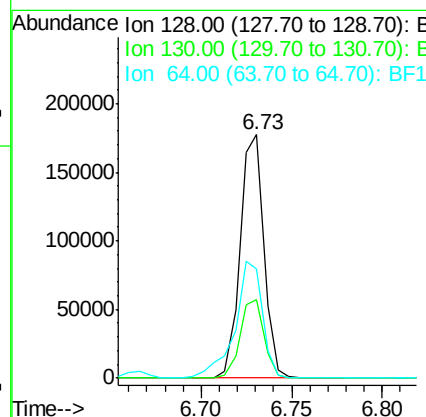
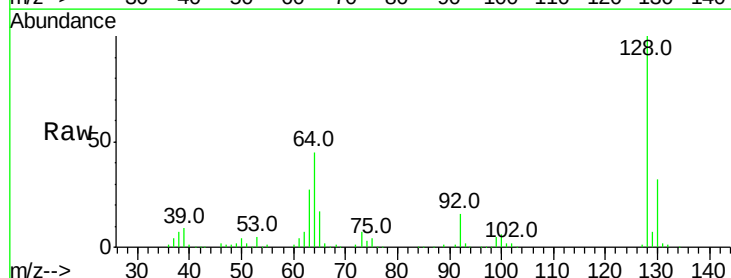
RT: 6.73 min Scan# 747

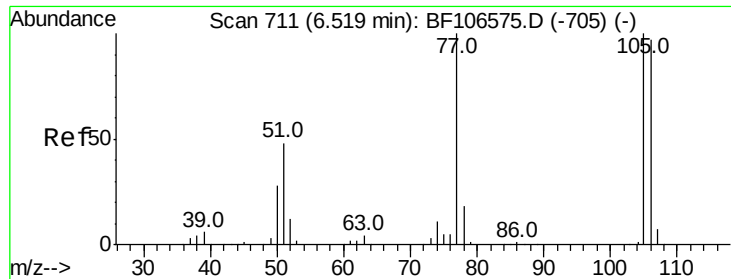
Delta R.T. 0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	128	Resp:	161751
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	44.9	29.4	69.4





#9

Benzaldehyde

Concen: 24.430 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

ClientSampleId :

PB111003BSD

Tot Ion: 77 Resp: 71251

Ion Ratio Lower Upper

77 100

105 100.6 81.1 121.1

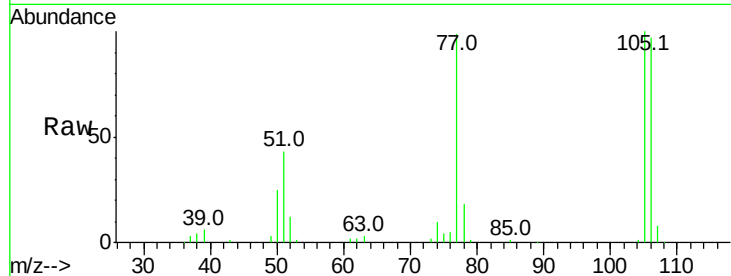
106 98.1 74.5 114.5

Manual Integrations

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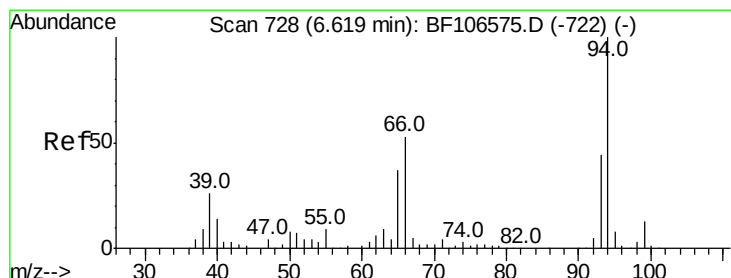
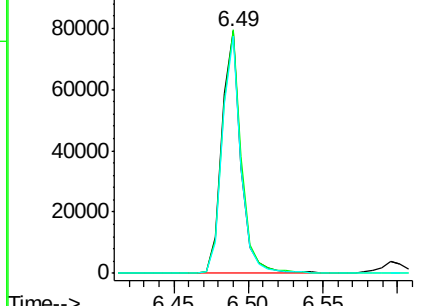
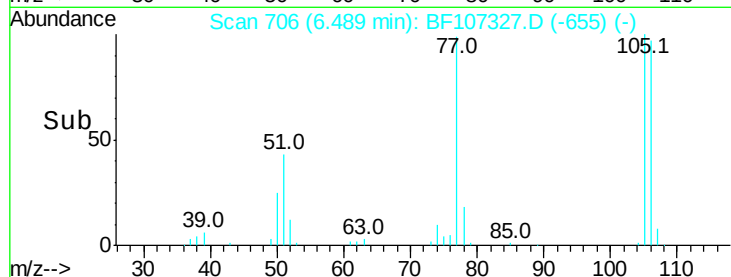
7/12/2018 2:19:57 PM



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: 44.704 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

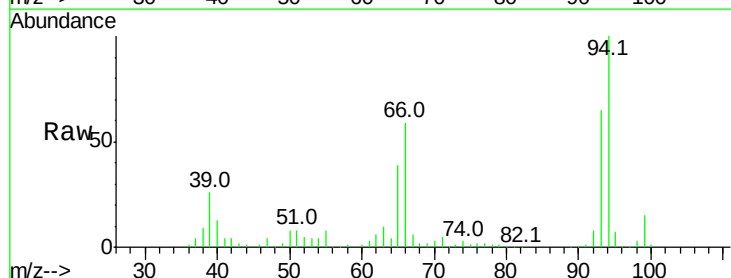
Tgt Ion: 94 Resp: 196575

Ion Ratio Lower Upper

94 100

65 39.1 7.9 47.9

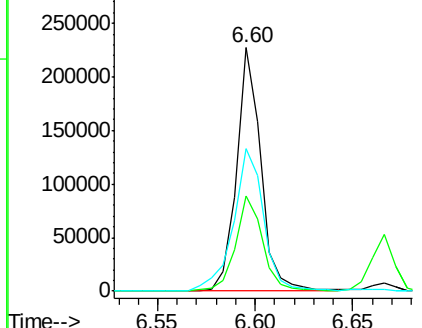
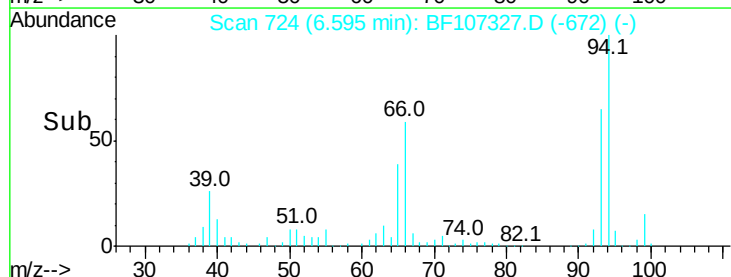
66 58.7 16.2 56.2#

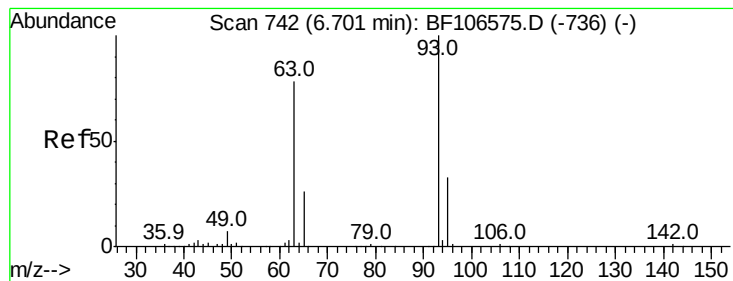


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





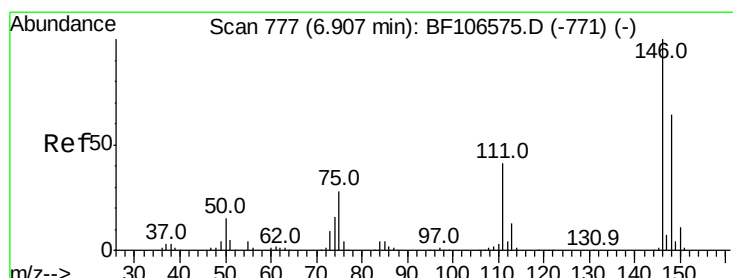
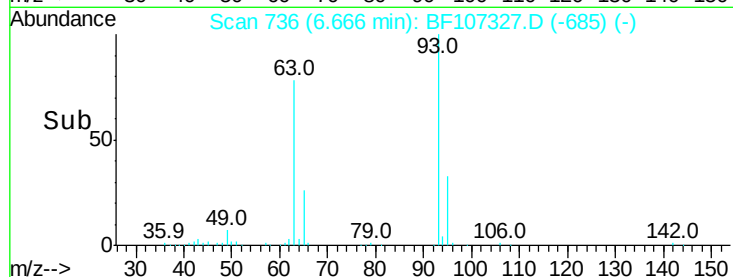
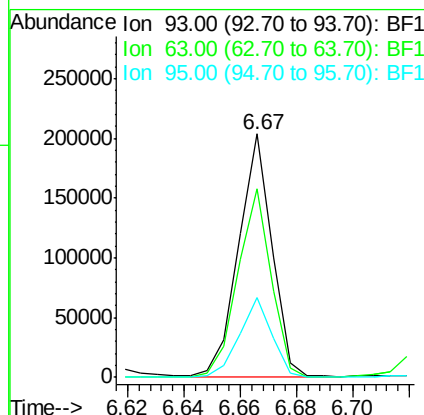
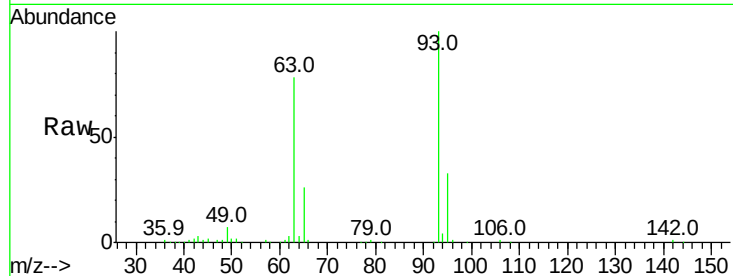
#11
bis(2-Chloroethyl)ether
Concen: 45.825 ng
RT: 6.67 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.7	58.6	98.6
95	32.7	11.8	51.8

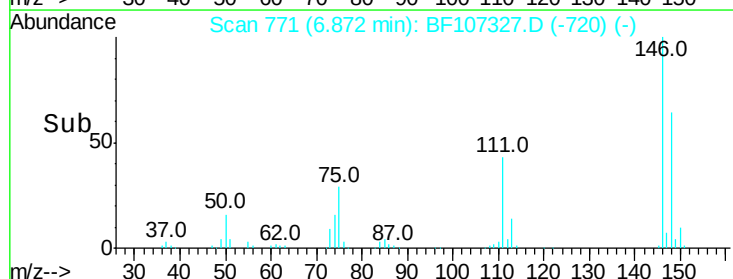
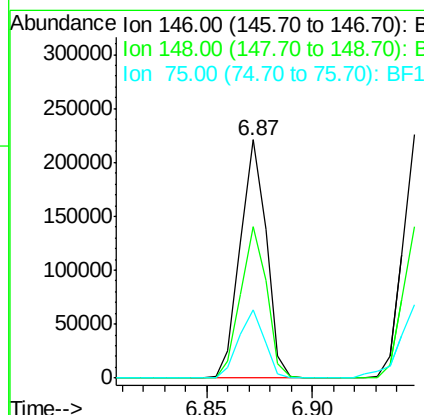
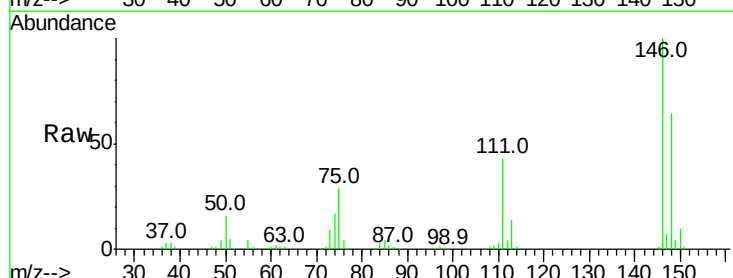
Manual Integrations
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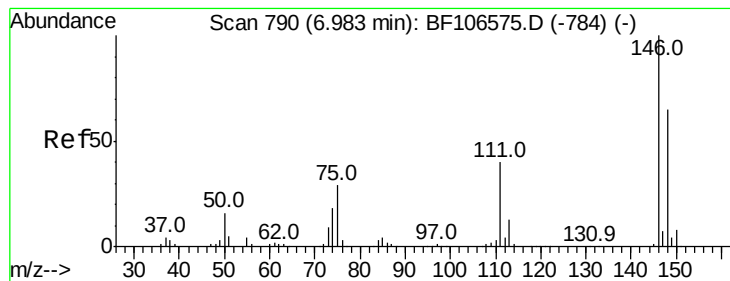
Sohil
7/12/2018 2:19:57 PM



#12
1,3-Dichlorobenzene
Concen: 47.692 ng
RT: 6.87 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 47.854 ng

RT: 6.95 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

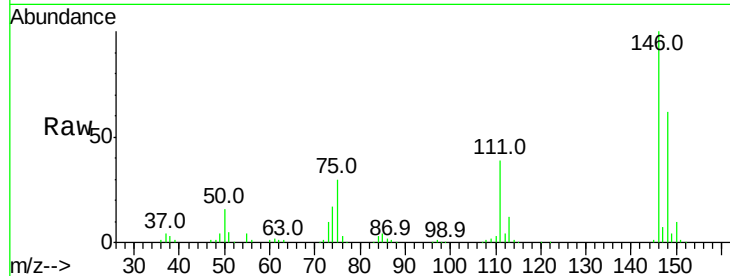
ClientSampleId :

PB111003BSD

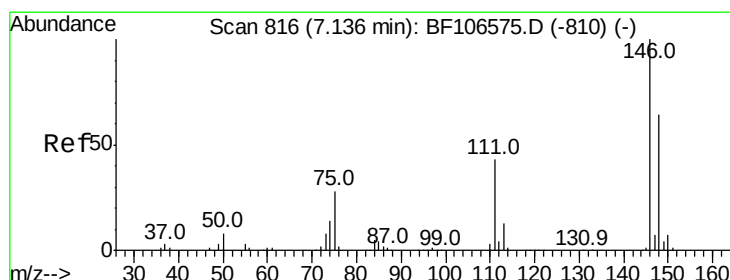
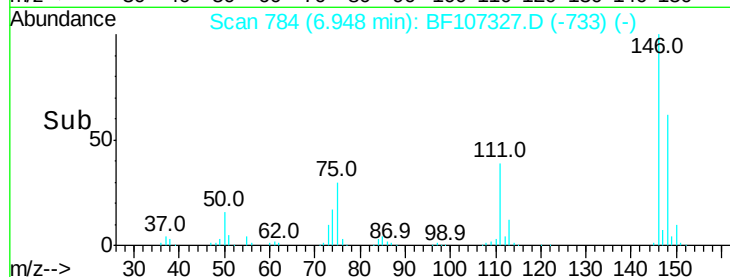
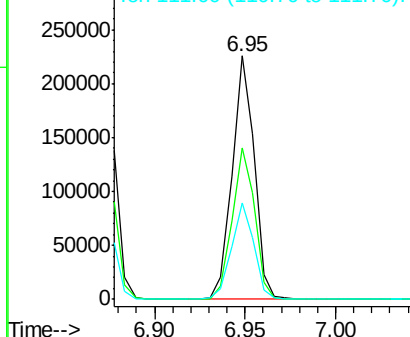
Tot Ion:	146	Resp:	191761
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.8	76.2
111	39.4	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.696 ng

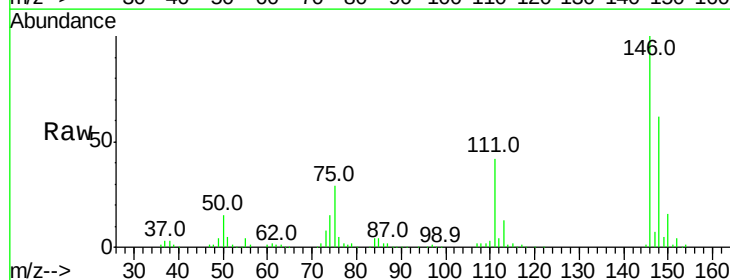
RT: 7.10 min Scan# 810

Delta R.T. -0.00 min

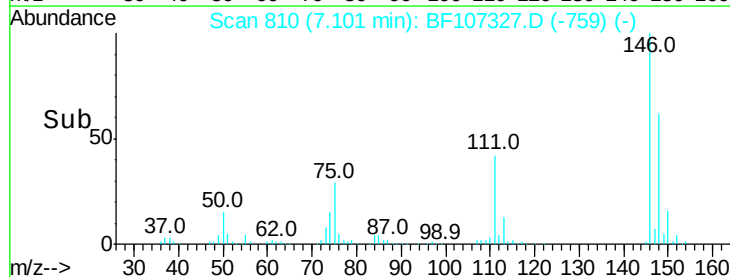
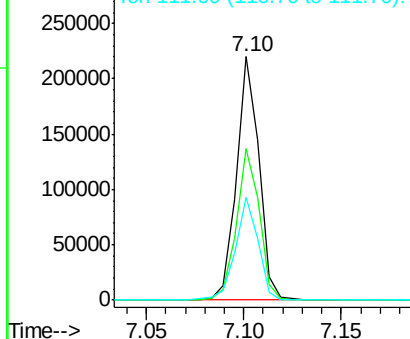
Lab File: BF107327.D

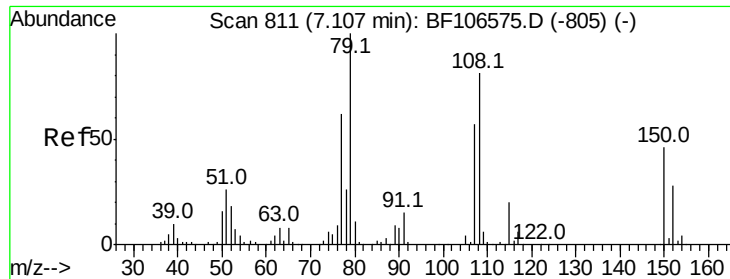
Acq: 12 Jul 2018 4:00

Tgt Ion:	146	Resp:	175160
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	75.8
111	42.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





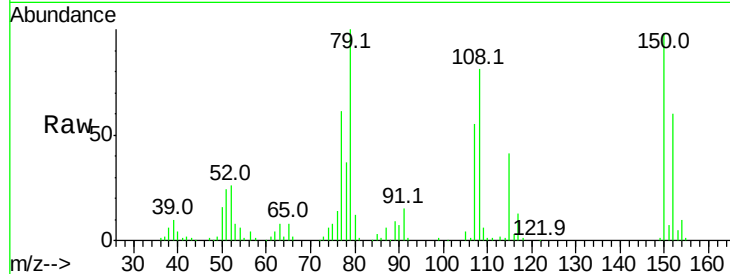
#15
Benzyl Alcohol
Concen: 41.643 ng
RT: 7.08 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

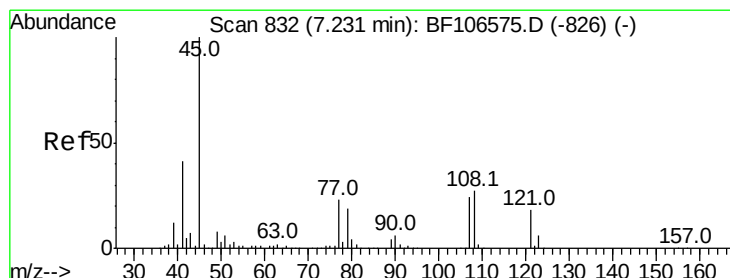
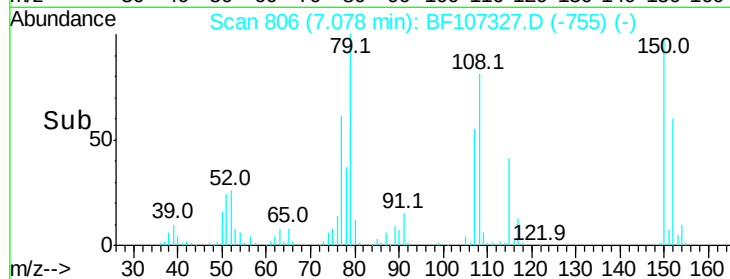
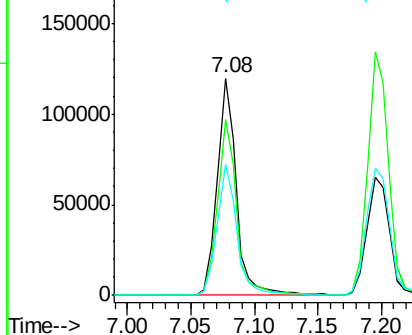
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.1	97.7
77	60.6	50.6	75.8

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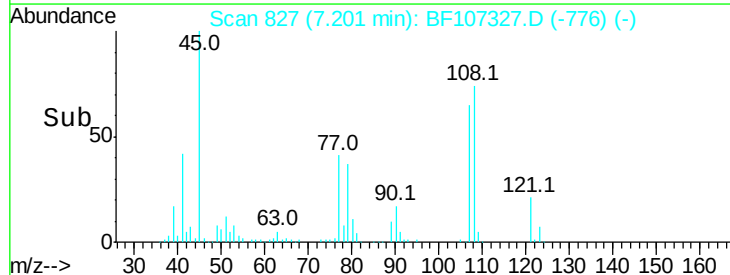
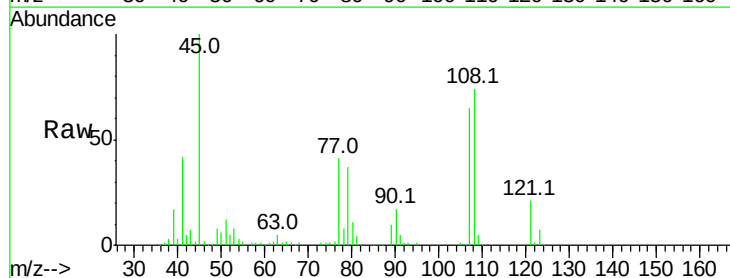
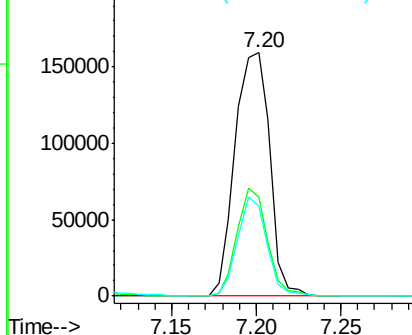
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

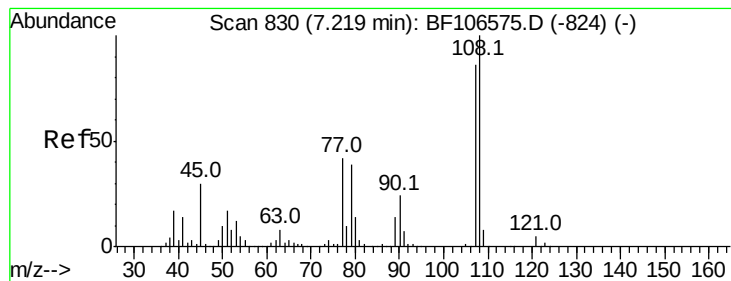


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.056 ng
RT: 7.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	40.6	0.0	32.9#
79	37.2	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





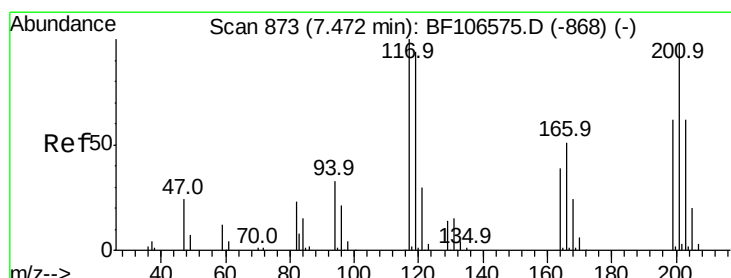
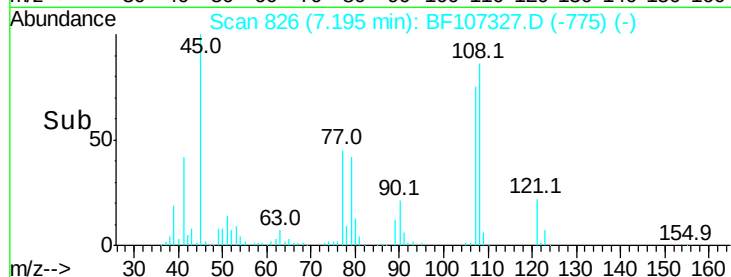
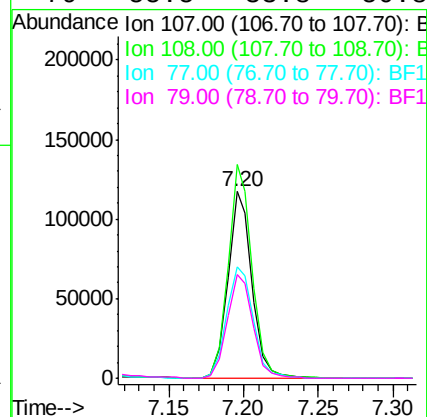
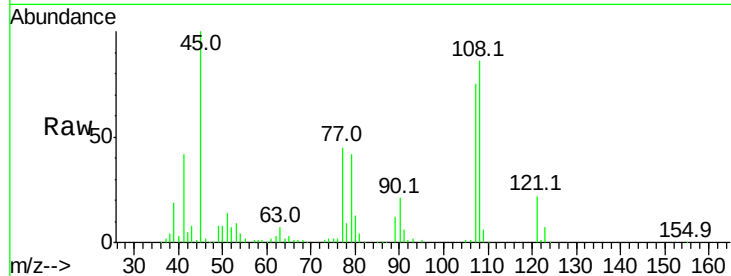
#17
2-Methylphenol
Concen: 45.976 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	107	Resp	133149
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.7	137.5
77	59.9	33.8	50.8#
79	55.5	33.8	50.8#

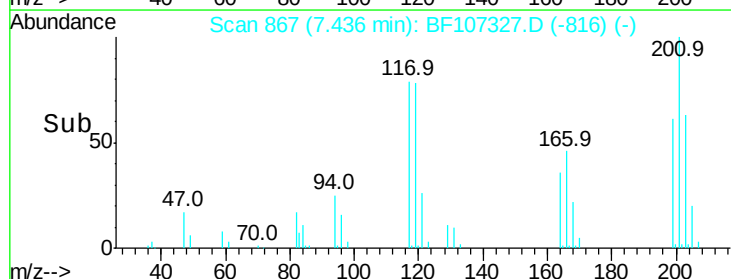
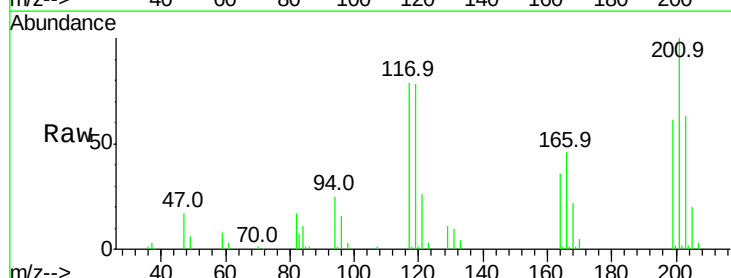
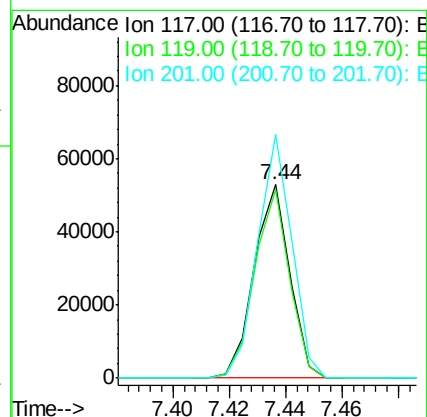
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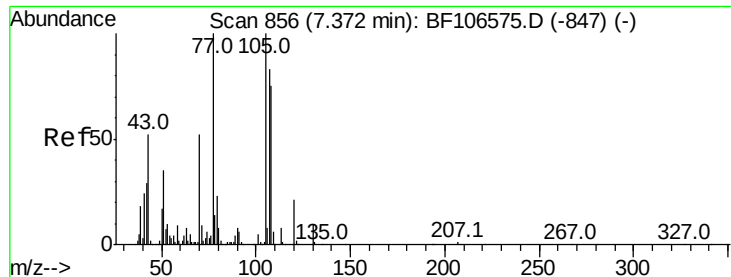
Sohil
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#18
Hexachloroethane
Concen: 32.904 ng
RT: 7.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	117	Resp	46367
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.8	113.8
201	125.9	75.7	113.5#





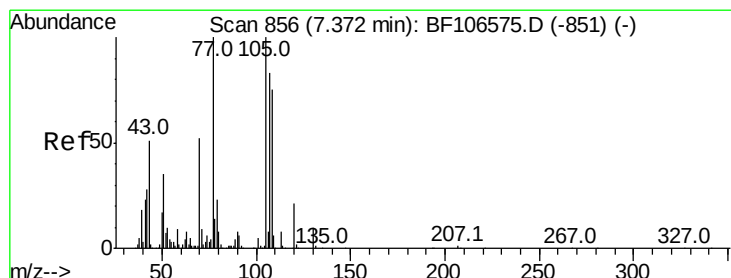
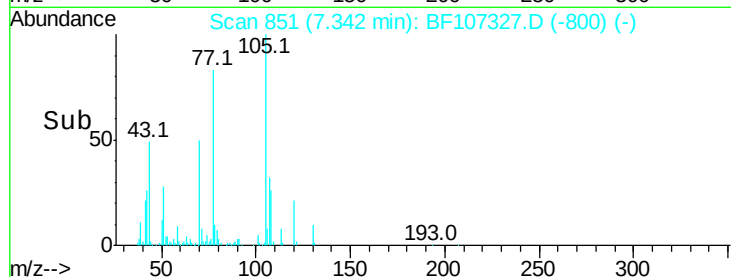
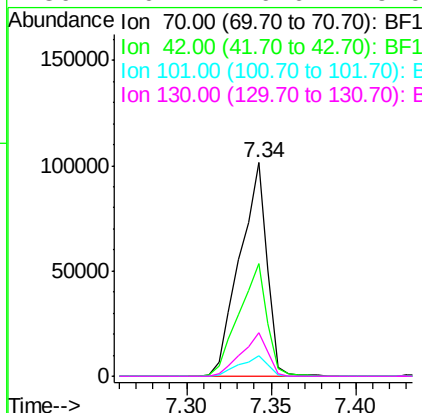
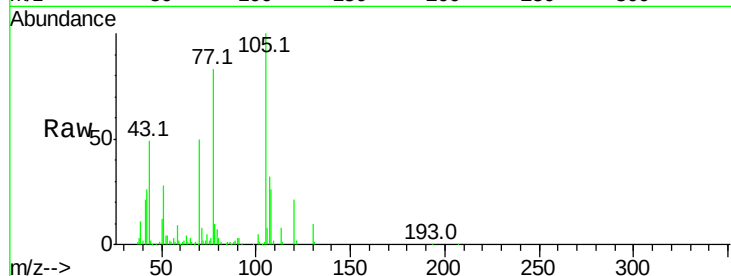
#19
n-Nitroso-di-n-propylamine
Concen: 45.277 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	70	Resp	114997
Ion Ratio	Lower	Upper	
70	100		
42	52.6	47.5	71.3
101	9.6	7.4	11.2
130	20.1	16.6	25.0

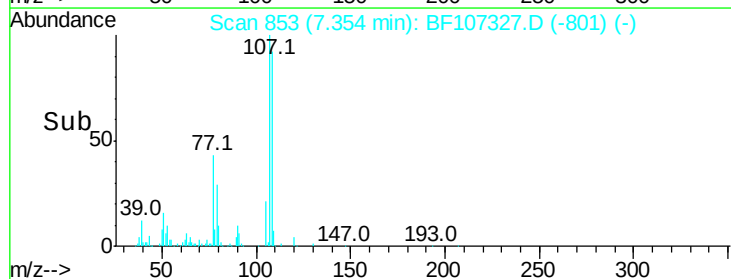
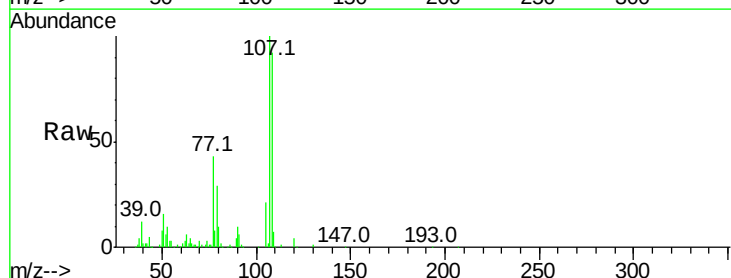
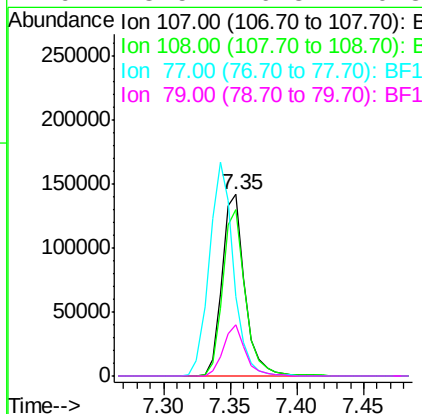
Manual Integrations
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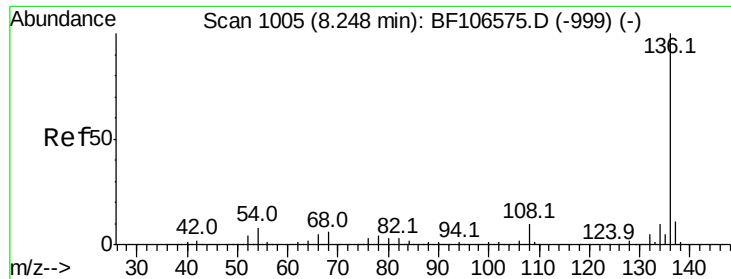
Sohil
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#20
3+4-Methylphenols
Concen: 60.709 ng
RT: 7.35 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	107	Resp	171494
Ion Ratio	Lower	Upper	
107	100		
108	91.5	68.2	108.2
77	43.4	26.7	66.7
79	28.5	6.3	46.3





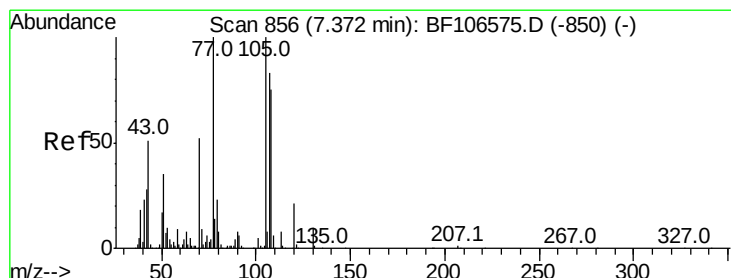
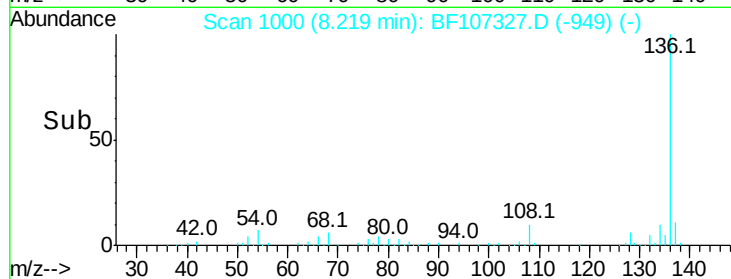
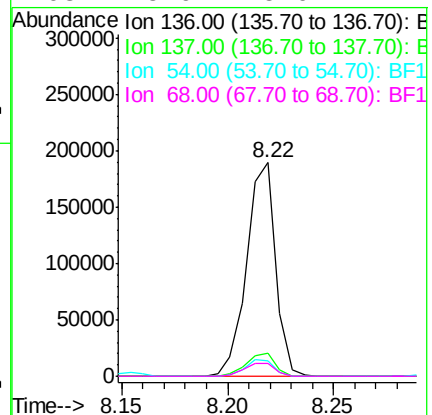
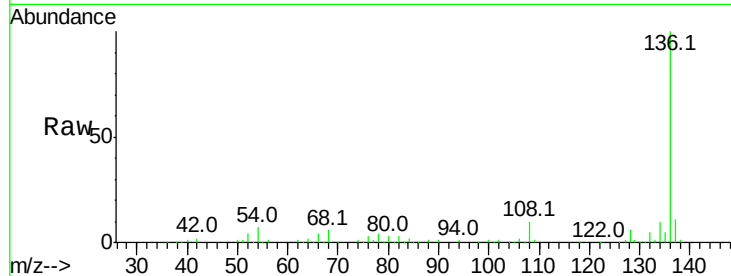
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	179553		
137	10.8		8.9	13.3
54	7.3		6.6	9.8
68	5.9		5.0	7.4

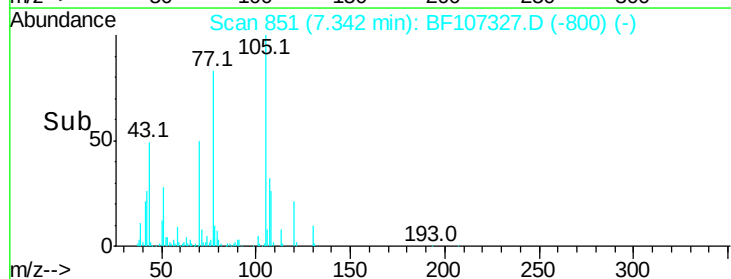
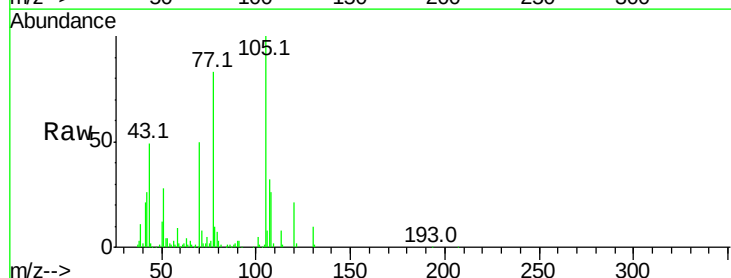
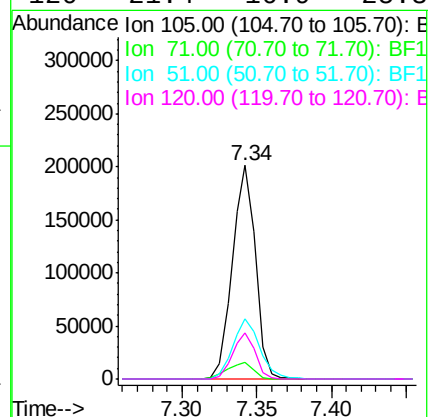
Manual Integrations
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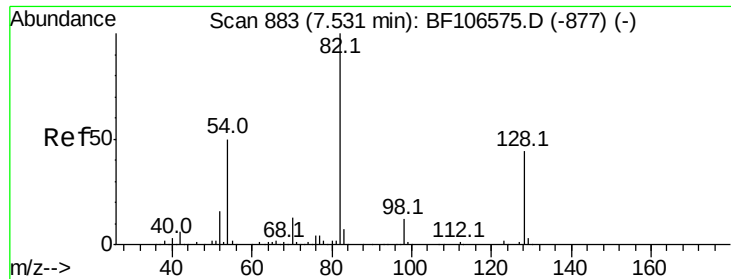
Sohil
7/12/2018 2:19:57 PM



#22
Acetophenone
Concen: 54.929 ng
RT: 7.34 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220651		
71	8.0		4.4	6.6#
51	28.2		22.3	33.5
120	21.4		16.9	25.3





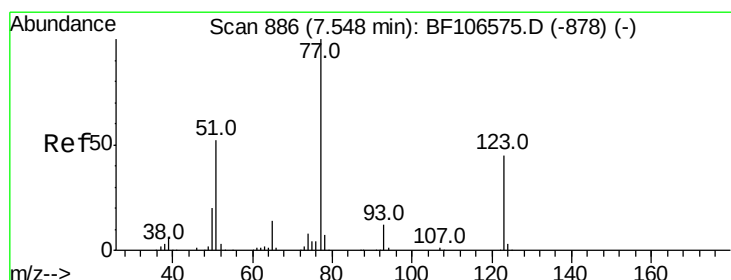
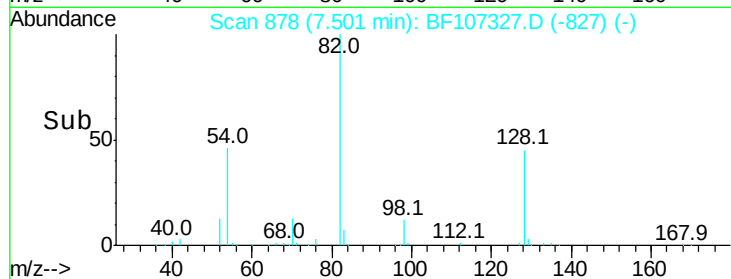
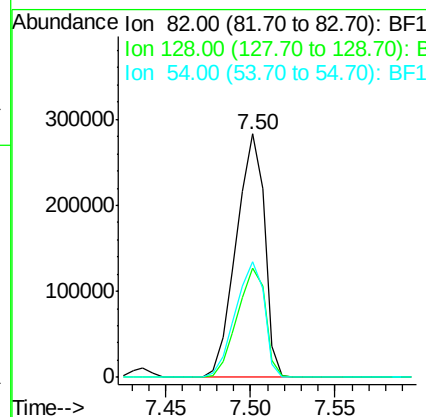
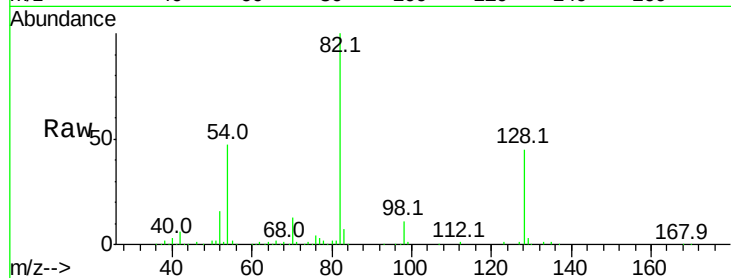
#23
Nitrobenzene-d5
Concen: 102.389 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.8	36.1	54.1	
54	47.5	41.4	62.2	

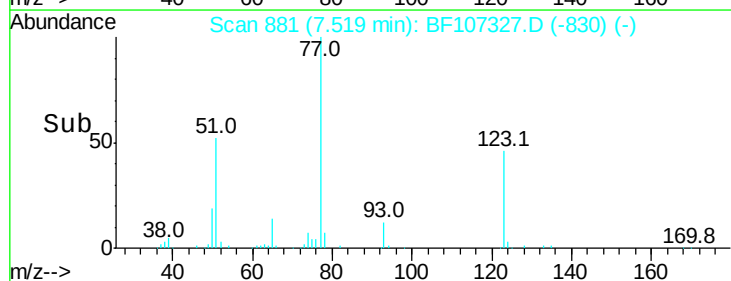
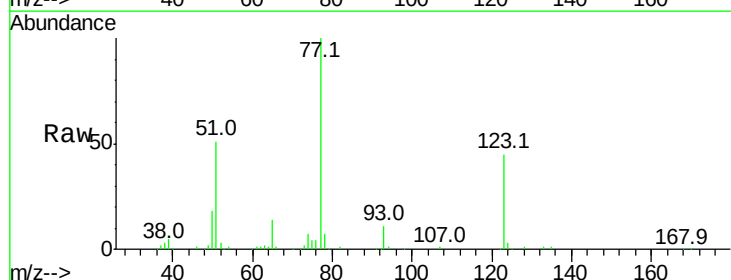
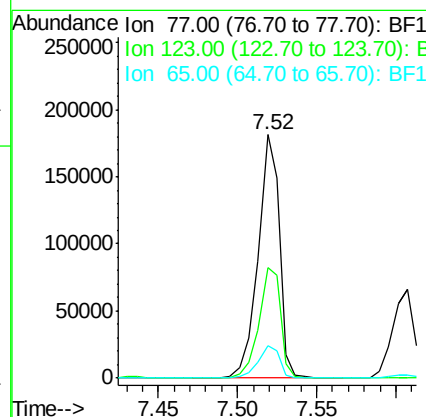
Manual Integrations
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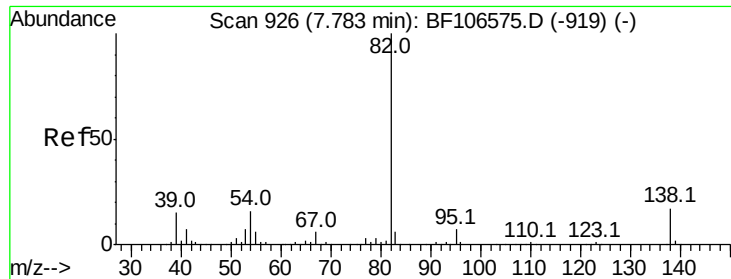
Sohil
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#24
Nitrobenzene
Concen: 51.207 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.3	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 54.912 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

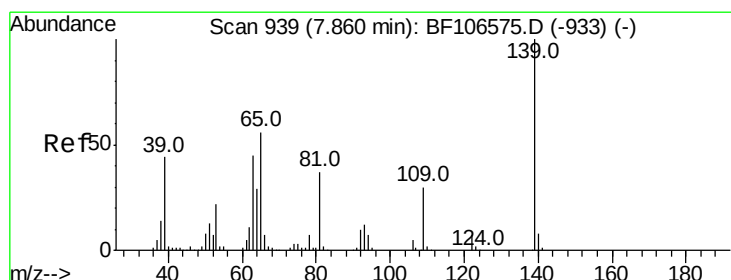
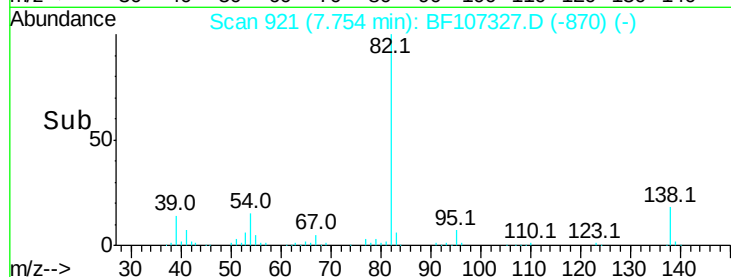
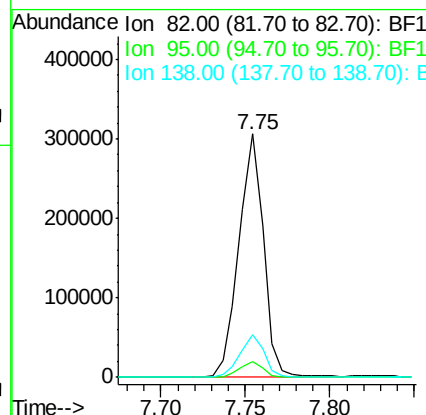
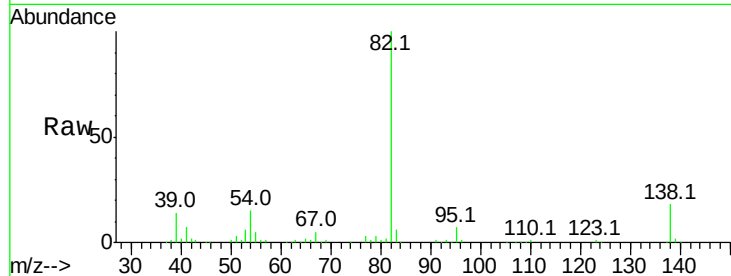
ClientSampleId :

PB111003BSD

Tot Ion:	82	Resp:	312630
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.6	14.9	22.3

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7/12/2018 2:19:57 PM



#26

2-Nitrophenol

Concen: 42.041 ng

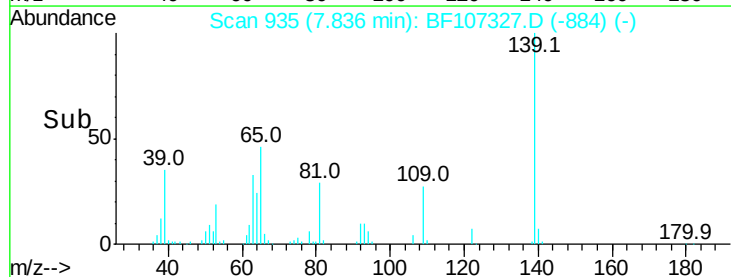
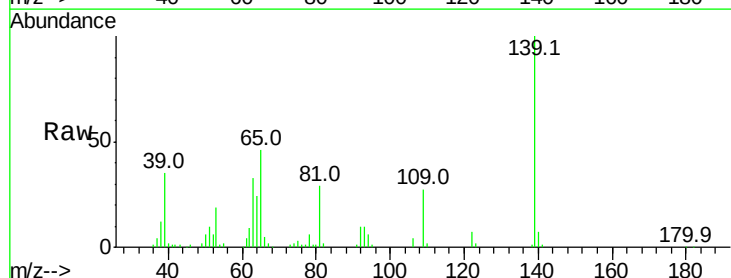
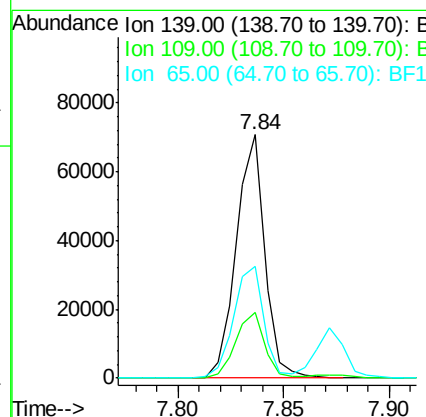
RT: 7.84 min Scan# 935

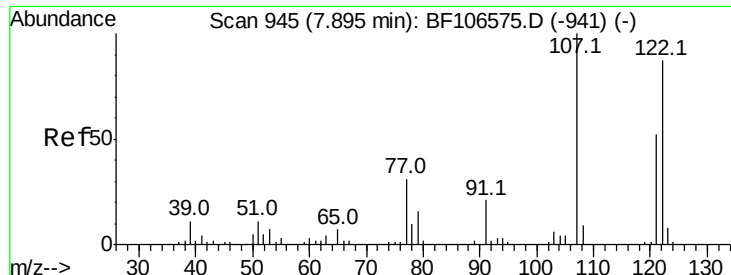
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	139	Resp:	65465
Ion Ratio	Lower	Upper	
139	100		
109	27.1	22.7	34.1
65	45.7	40.5	60.7





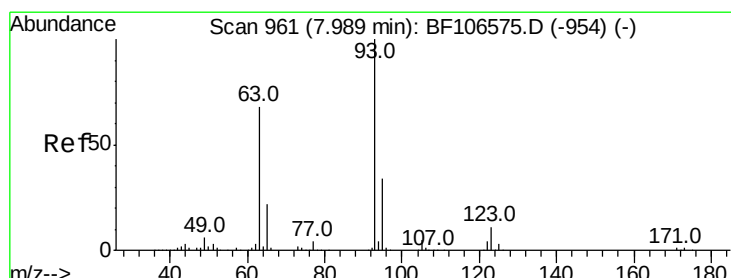
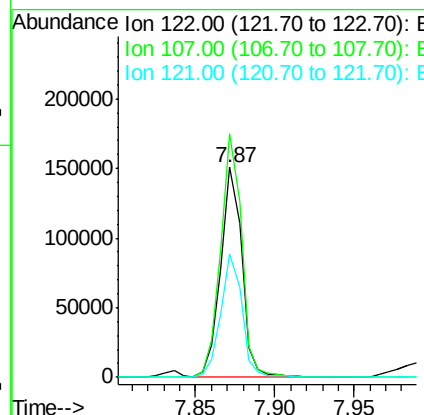
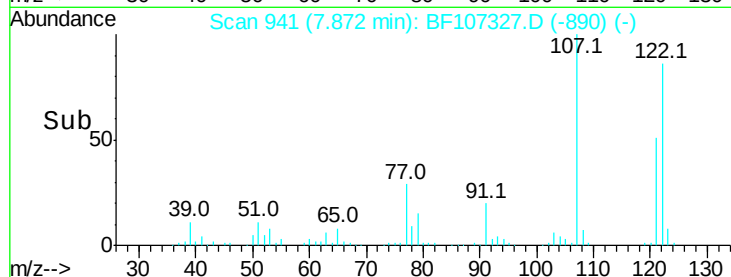
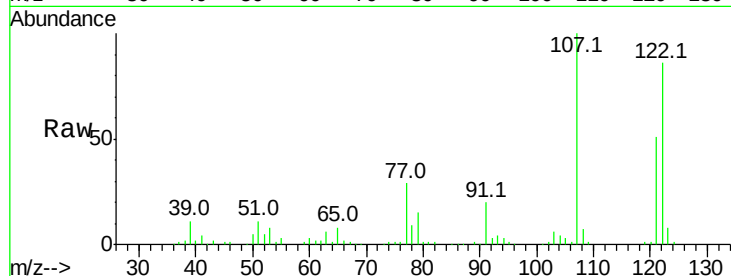
#27
 2,4-Dimethylphenol
 Concen: 58.882 ng
 RT: 7.87 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	141721		
107	115.8	91.2	136.8	
121	58.9	47.2	70.8	

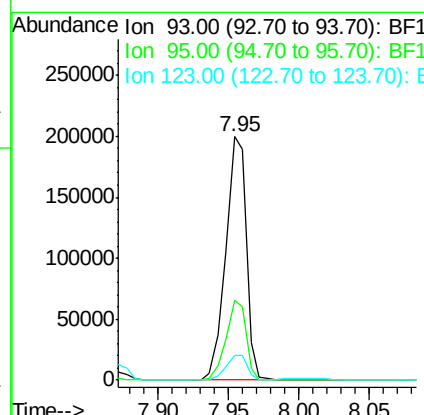
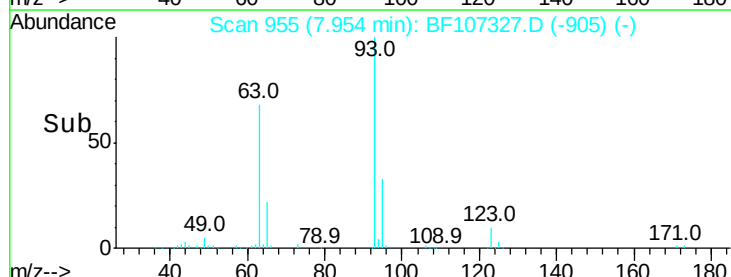
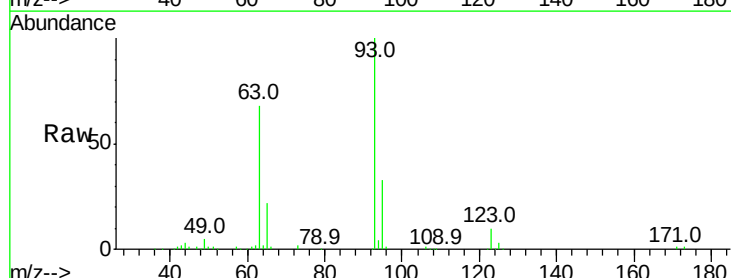
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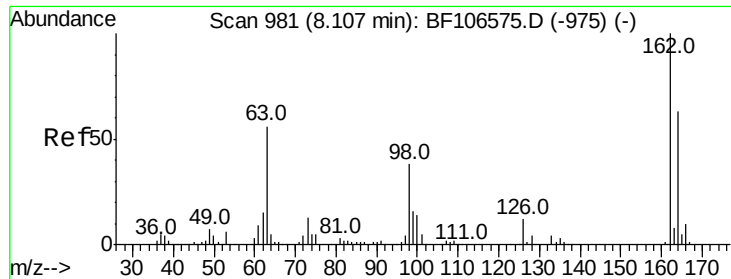
Sohil
 7/12/2018 2:19:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.014 ng
 RT: 7.95 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	202653		
95	32.5	26.3	39.5	
123	10.3	9.8	14.6	





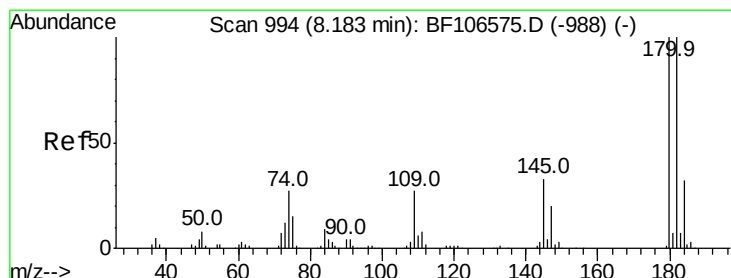
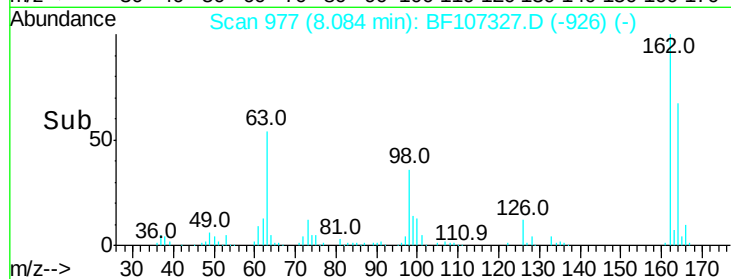
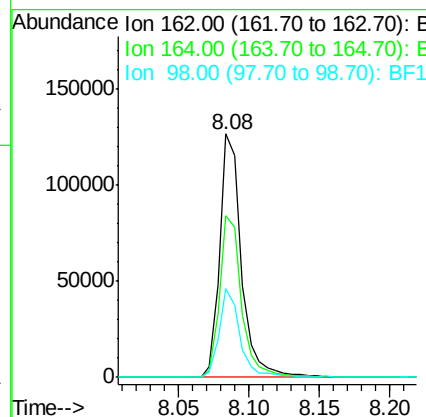
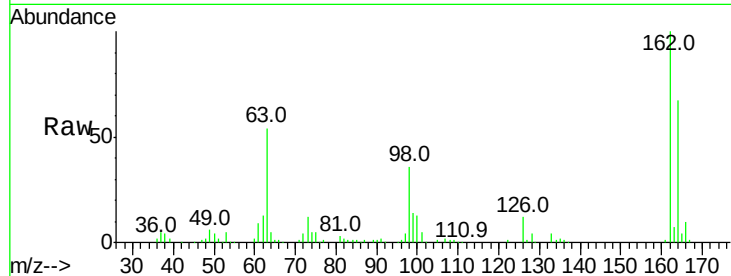
#29
 2,4-Dichlorophenol
 Concen: 53.883 ng
 RT: 8.08 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.7	42.7	82.7
98	36.3	18.1	58.1

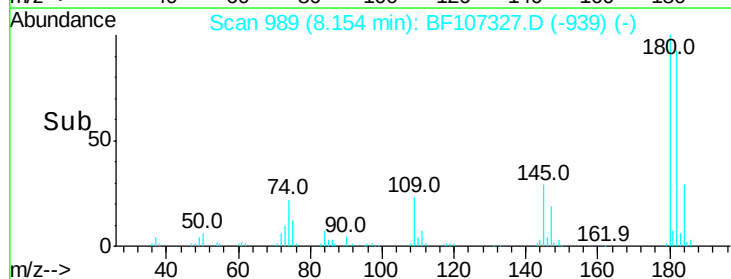
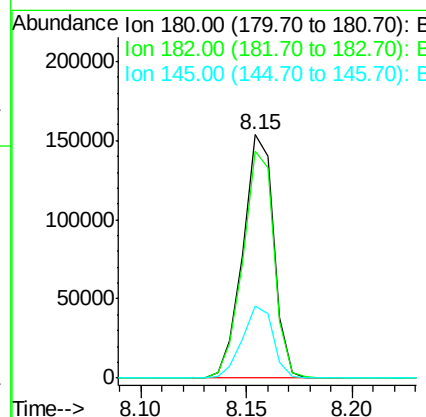
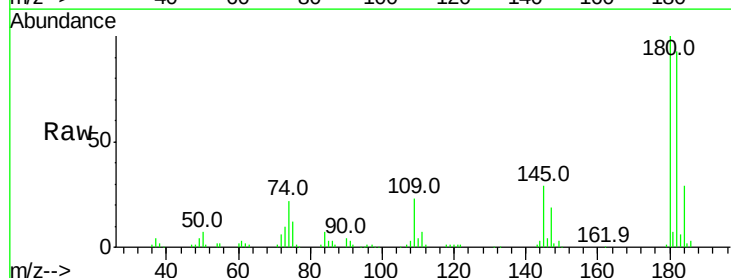
Manual Integrations
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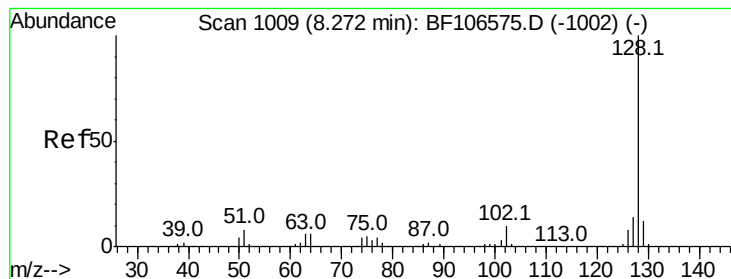
Sohil
 7/12/2018 2:19:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 56.140 ng
 RT: 8.15 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.0	76.8	115.2
145	29.4	26.5	39.7





#31

Naphthalene

Concen: 52.197 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

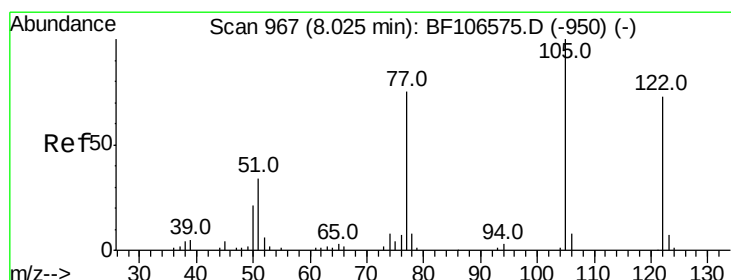
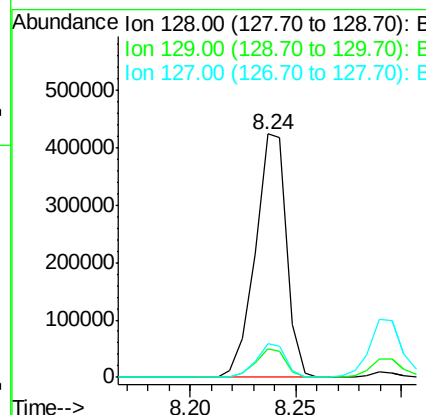
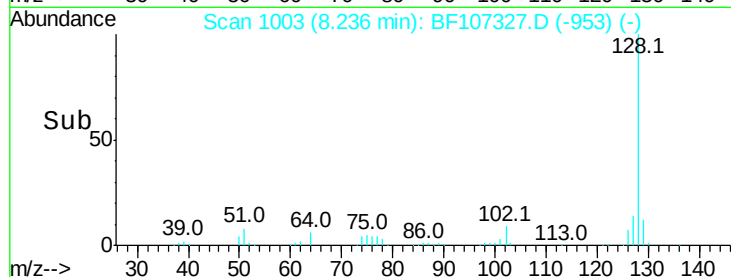
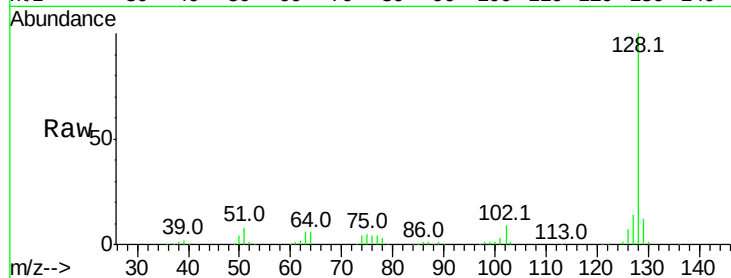
ClientSampleId :

PB111003BSD

Tot Ion:	128	Resp:	438172
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.8	10.9	16.3

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#32

Benzoic acid

Concen: 30.176 ng m

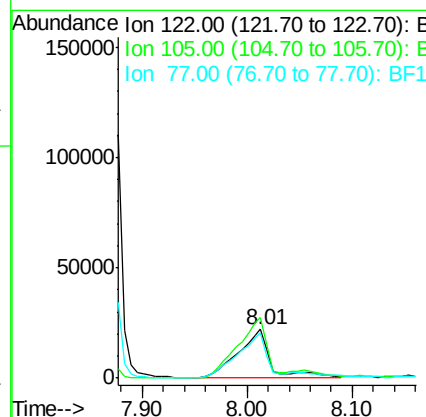
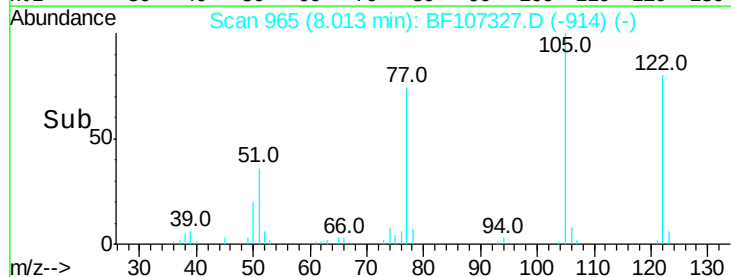
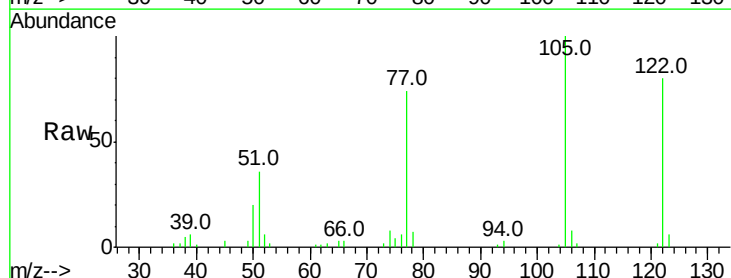
RT: 8.01 min Scan# 965

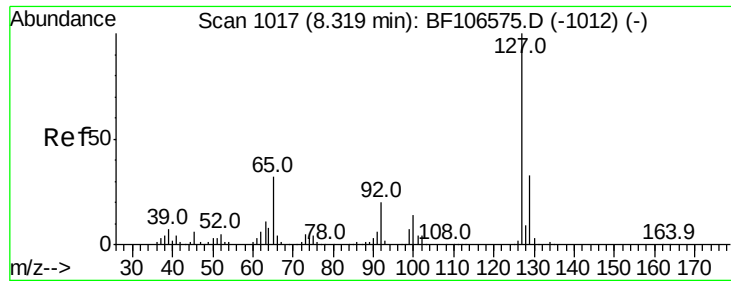
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	122	Resp:	48599
Ion Ratio	Lower	Upper	
122	100		
105	125.0	101.1	141.1
77	92.1	70.7	110.7





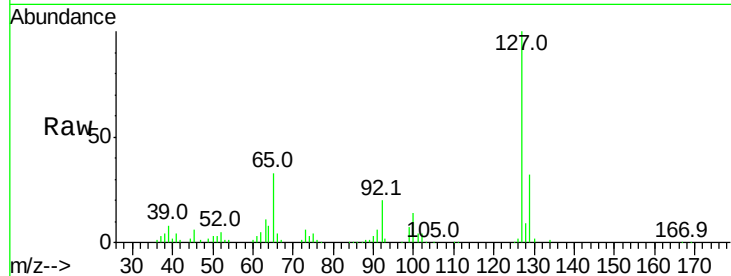
#33
4-Chloroaniline
Concen: 33.849 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	32.9	25.0	37.4		
92	20.1	15.2	22.8		

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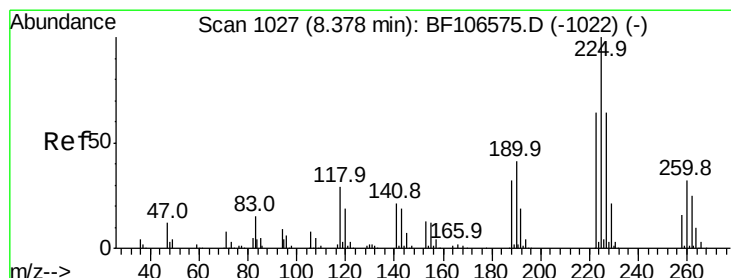
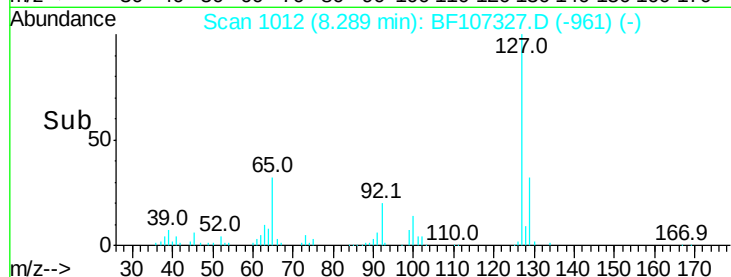
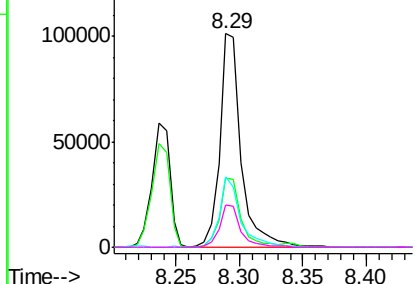
Abundance

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: 58.569 ng
RT: 8.34 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

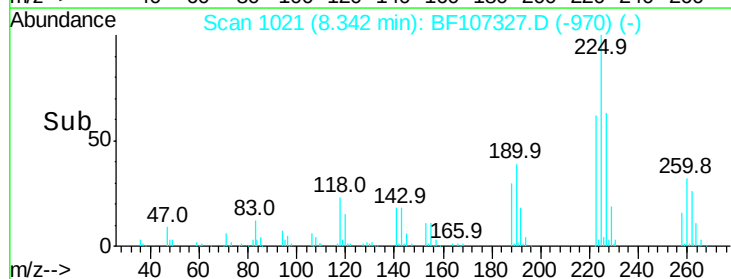
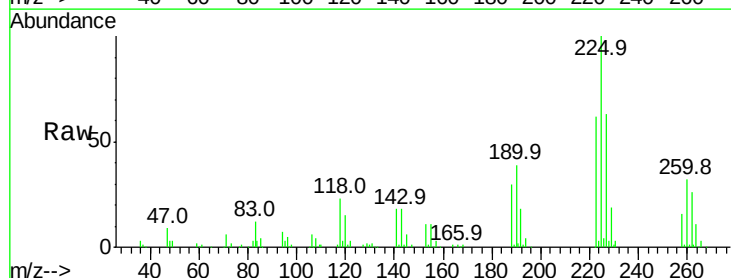
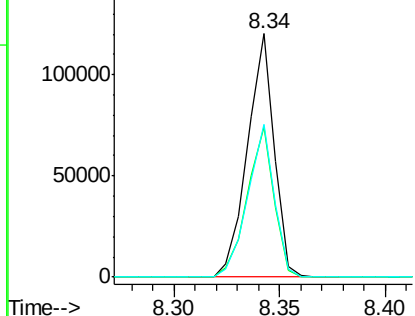
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.6	76.0		
227	62.7	51.9	77.9		

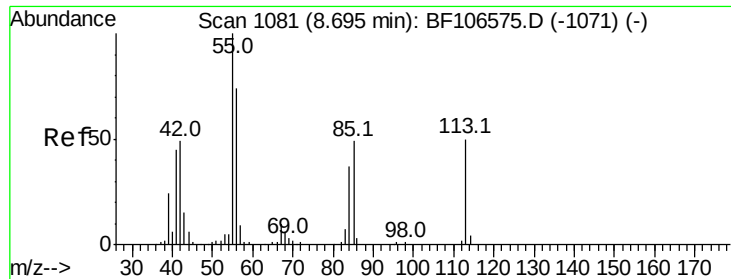
Abundance

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





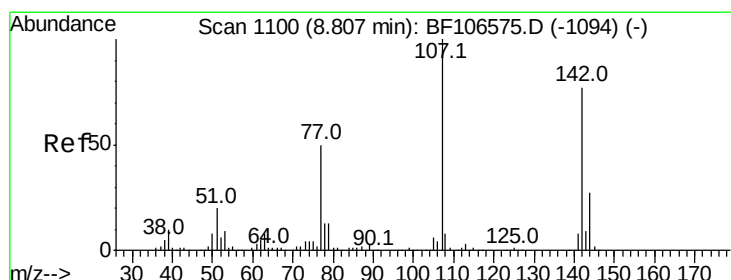
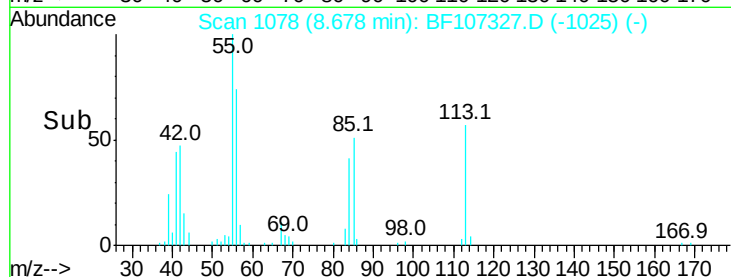
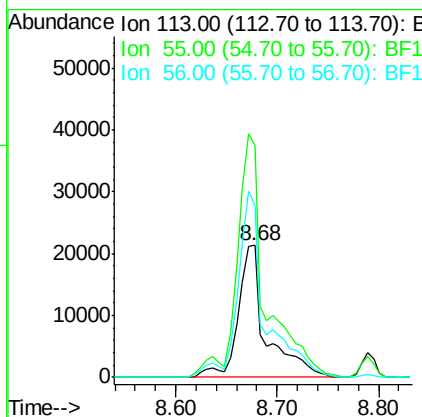
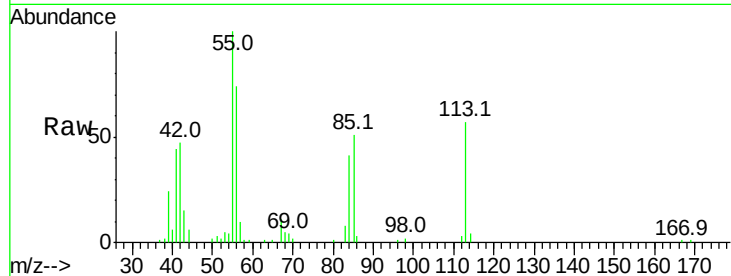
#35
Caprolactam
Concen: 49.564 ng
RT: 8.68 min Scan# 1078
Delta R.T. 0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampled :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.3	163.3	203.3
56	130.8	115.7	155.7

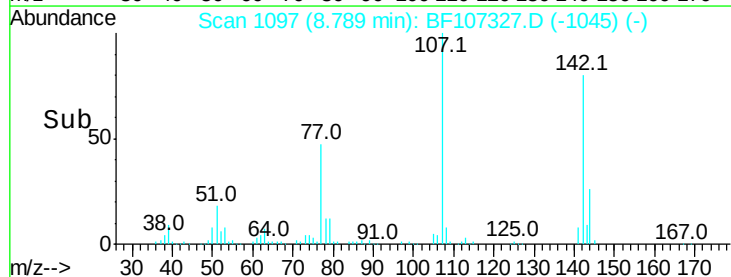
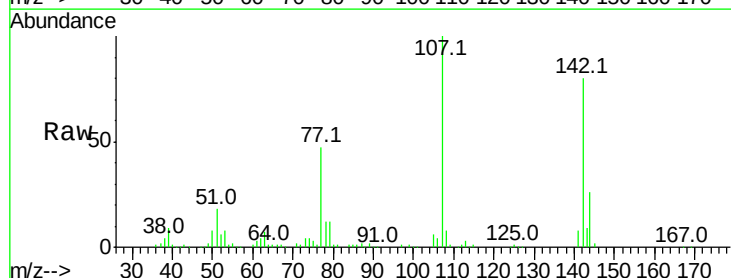
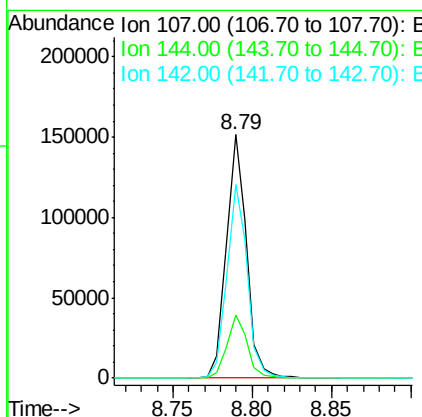
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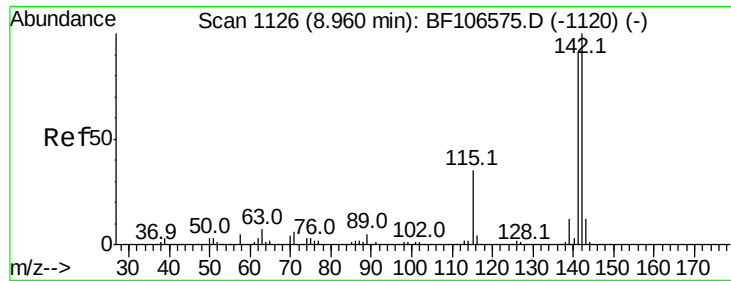
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#36
4-Chloro-3-methylphenol
Concen: 50.190 ng
RT: 8.79 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	79.7	62.0	93.0





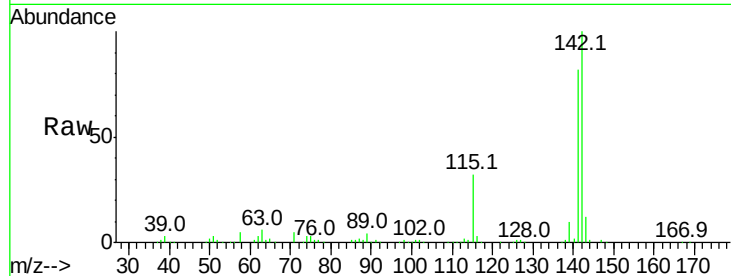
#37
2-Methylnaphthalene
Concen: 56.289 ng
RT: 8.93 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.0	70.8	106.2
115	31.7	26.1	39.1

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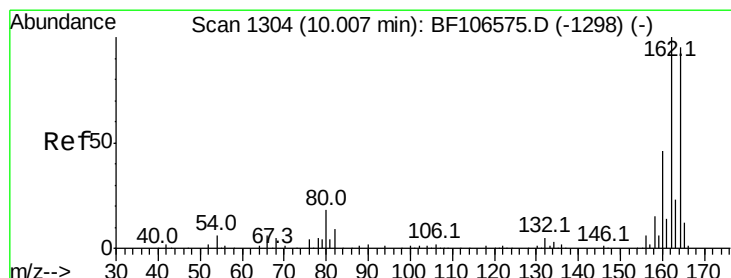
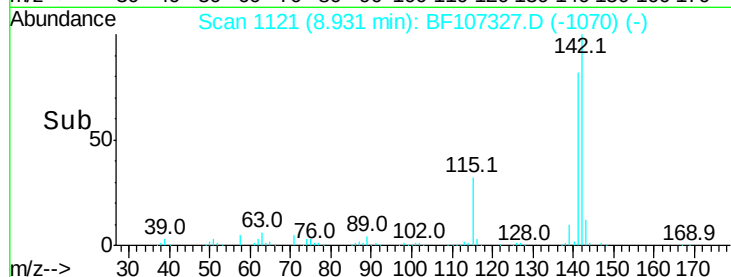
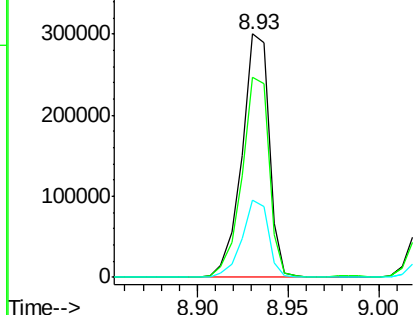


Abundance

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: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

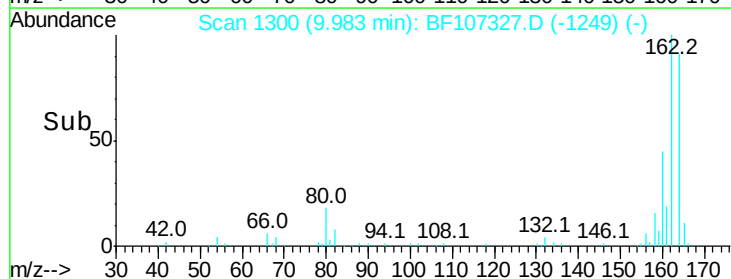
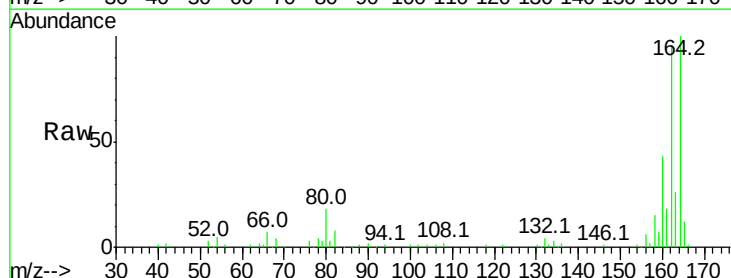
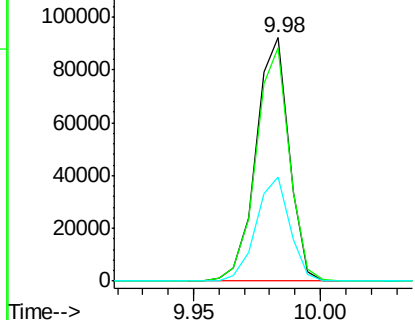
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	86.1	129.1
160	43.0	38.3	57.5

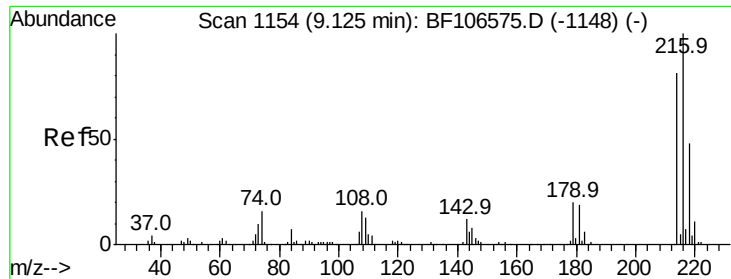
Abundance

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





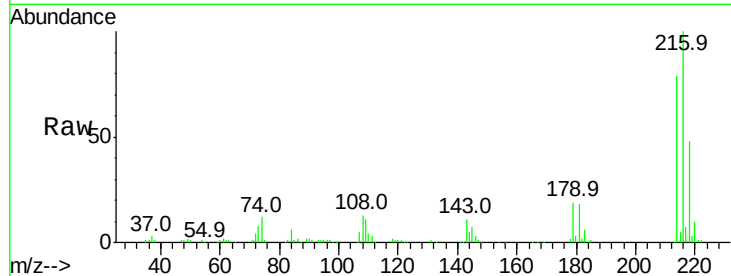
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.049 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

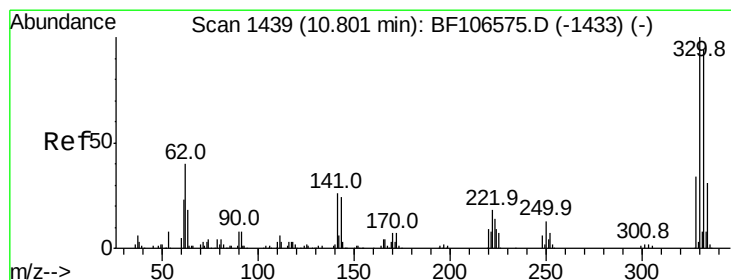
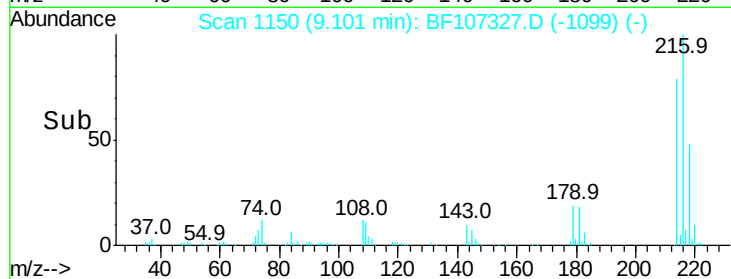
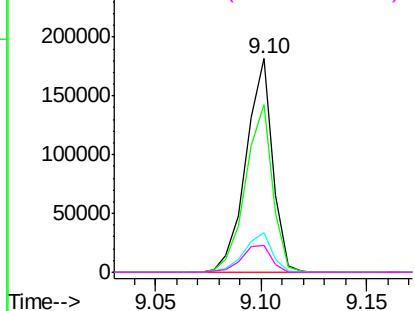
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	19.2	18.1	27.1
108	14.1	17.2	25.8#

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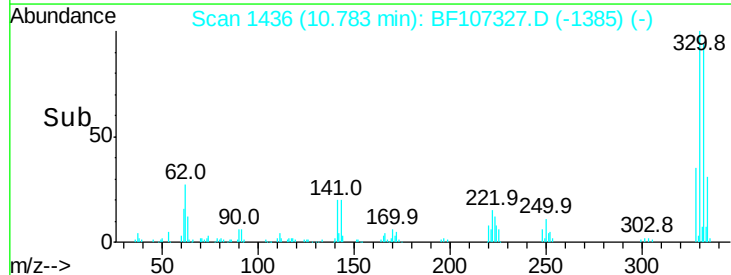
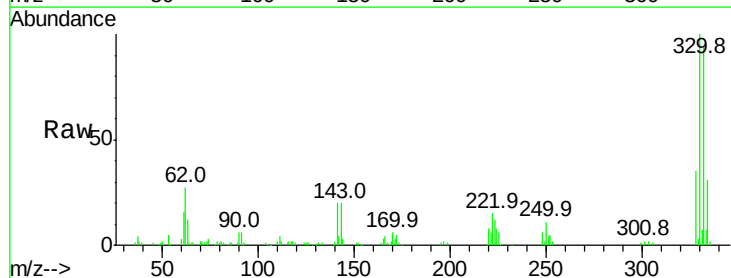
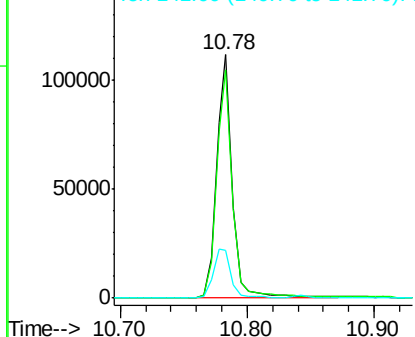
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

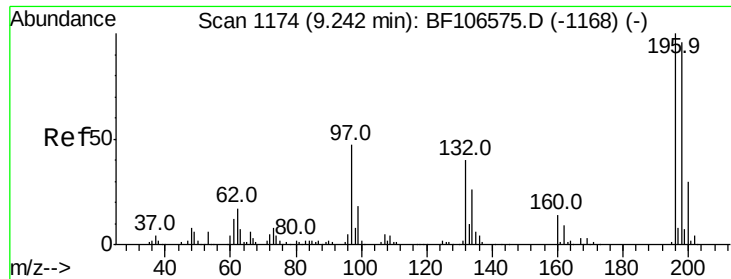


#41
 2,4,6-Tribromophenol
 Concen: 100.369 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	77.0	115.6
141	22.9	29.9	44.9#

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





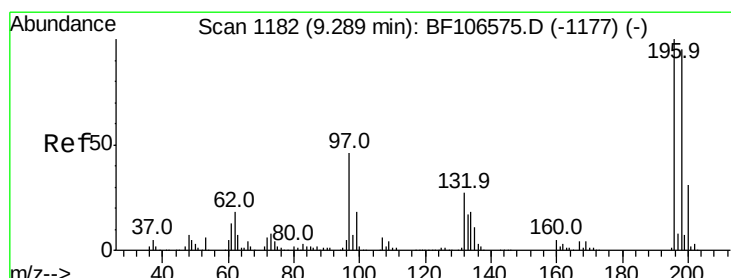
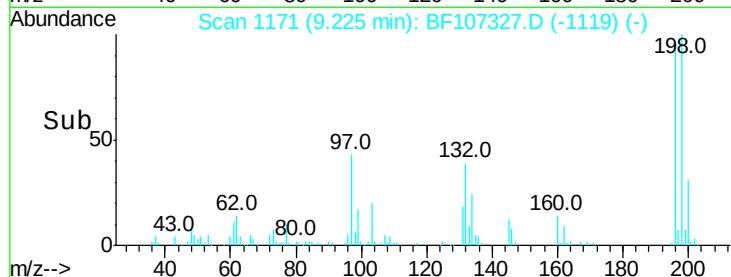
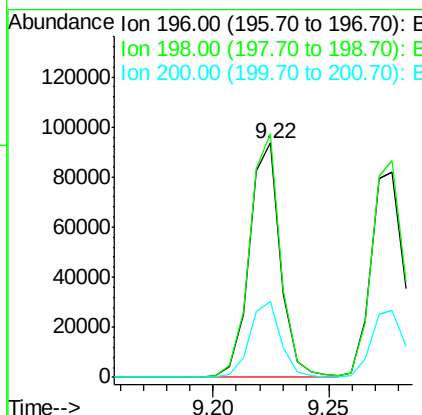
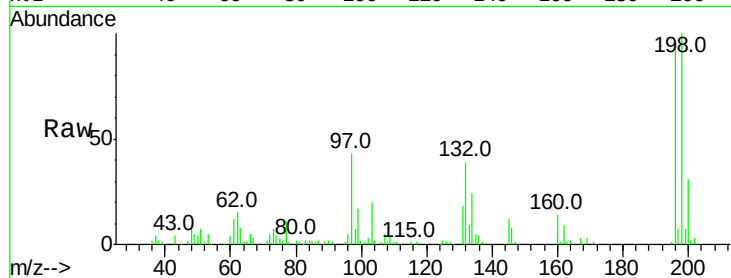
#42
 2,4,6-Trichlorophenol
 Concen: 46.866 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.0	75.7	113.5	
200	32.3	24.5	36.7	

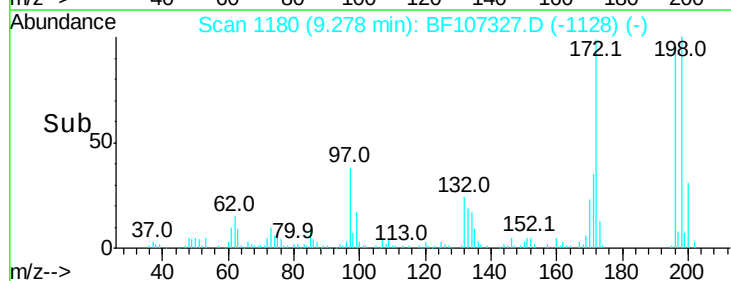
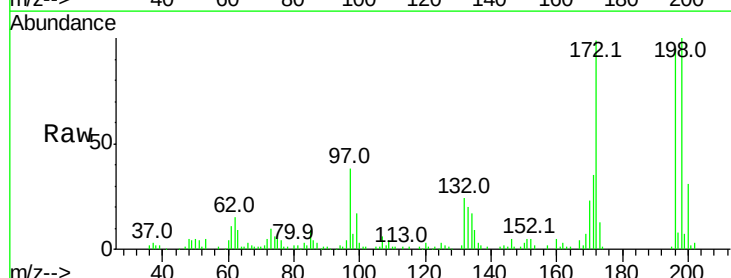
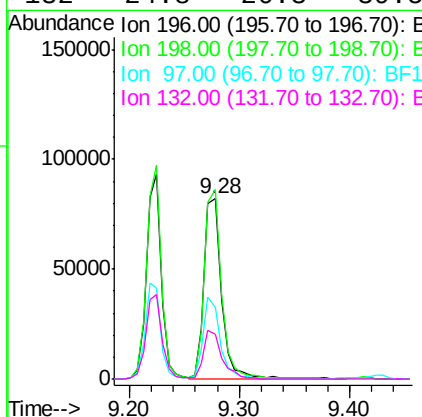
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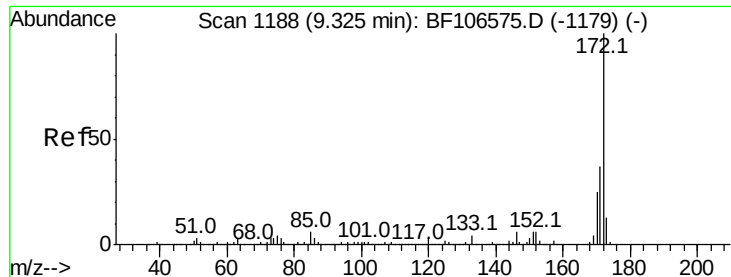
Sohil
 7/12/2018 2:19:57 PM



#43
 2,4,5-Trichlorophenol
 Concen: 45.040 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.1	74.6	112.0	
97	39.4	42.9	64.3#	
132	24.8	26.3	39.5#	





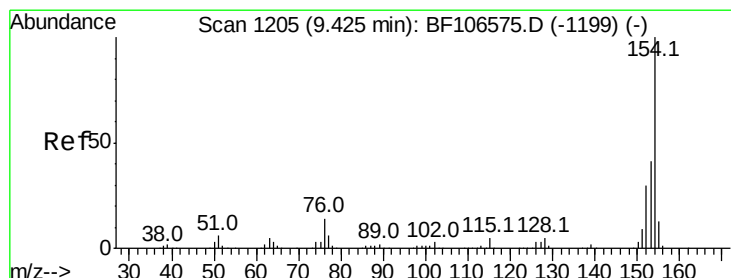
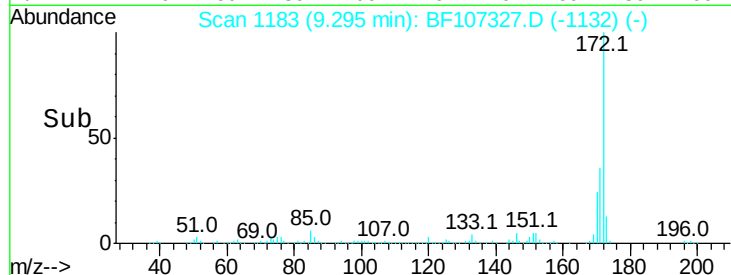
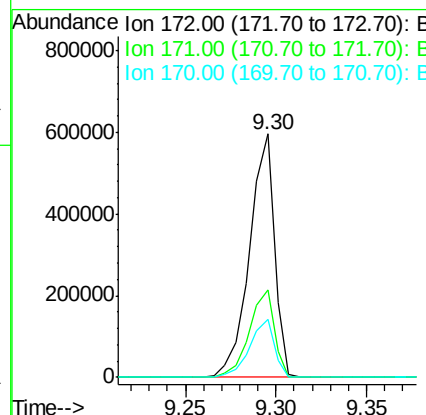
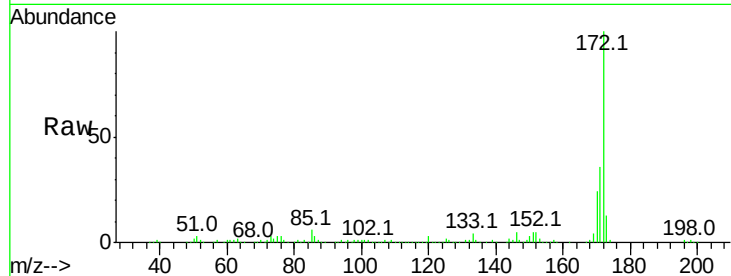
#44
2-Fluorobiphenyl
Concen: 120.824 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	569960		
171	36.0		29.7	44.5
170	24.0		19.6	29.4

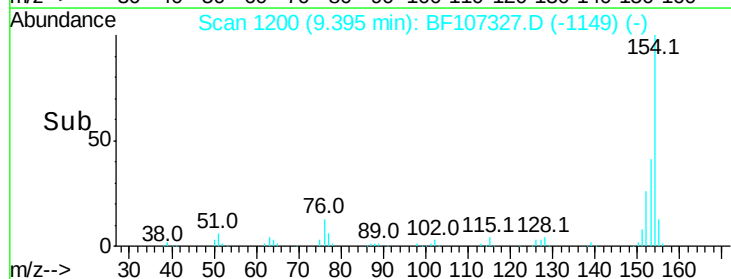
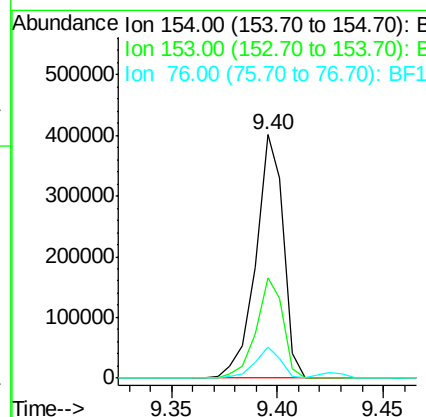
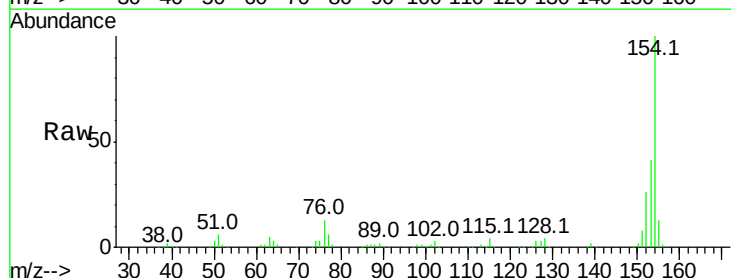
Manual Integrations
APPROVED

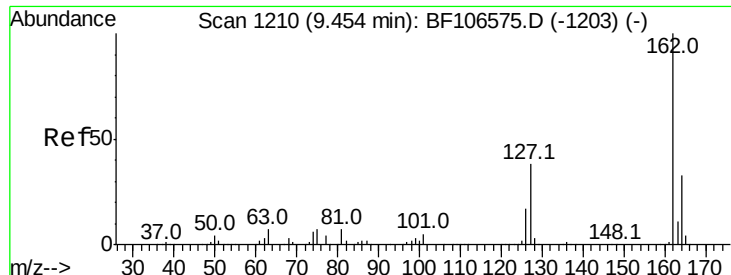
Sohil
7/12/2018 2:19:57 PM



#45
1,1'-Biphenyl
Concen: 54.404 ng
RT: 9.40 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	364968		
153	41.2		21.3	61.3
76	12.6		0.0	34.0





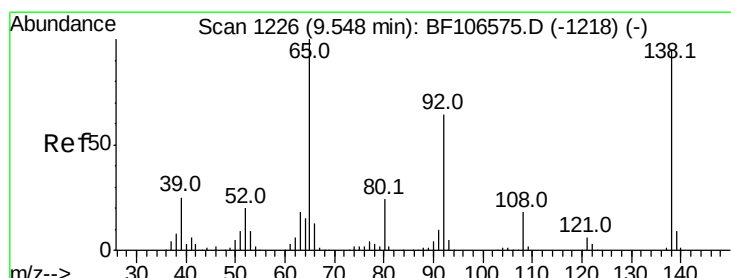
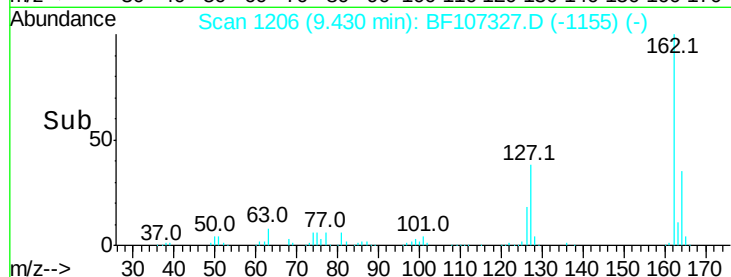
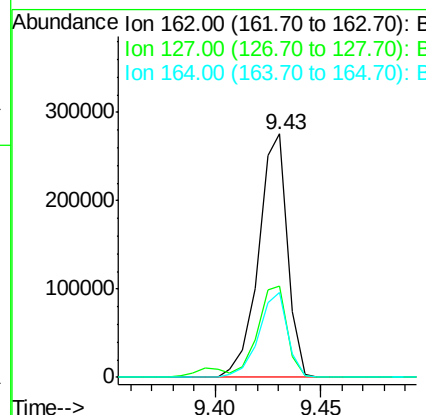
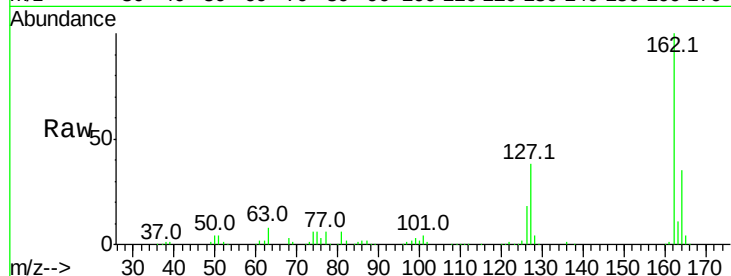
#46
 2-Chloronaphthalene
 Concen: 49.952 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.7	33.9	50.9
164	34.9	26.5	39.7

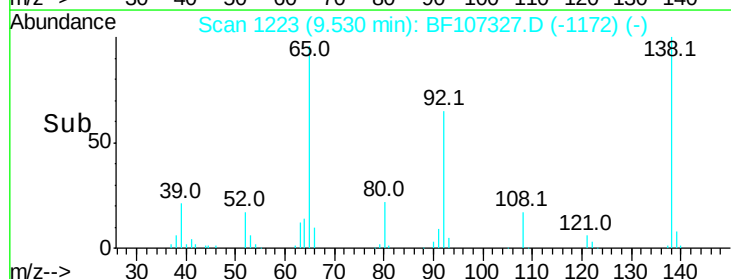
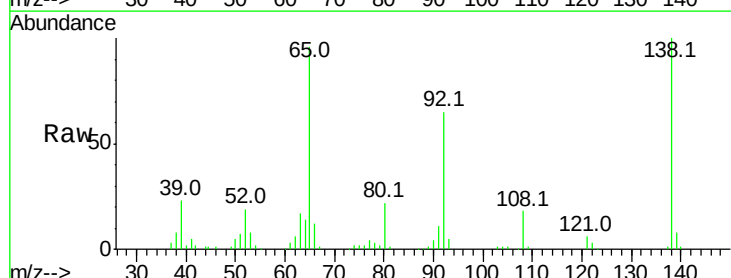
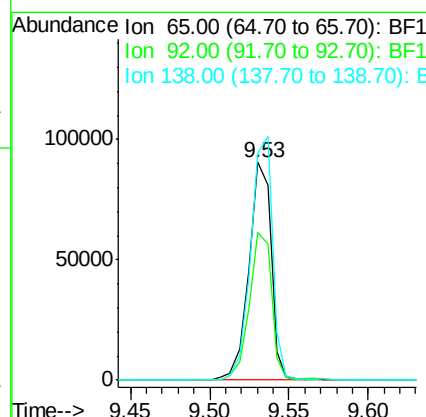
Manual Integrations
 APPROVED

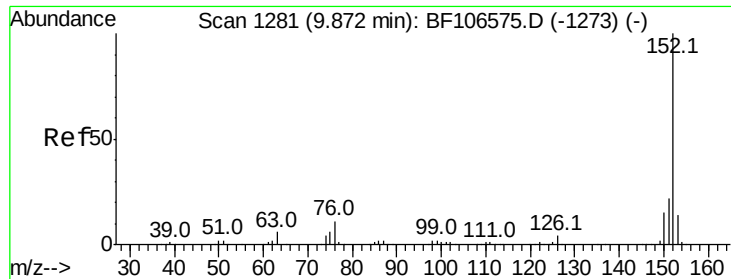
Sohil
 7/12/2018 2:19:57 PM



#47
 2-Nitroaniline
 Concen: 49.528 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.5	55.8	83.6
138	104.3	91.2	136.8





#48

Acenaphthylene

Concen: 48.585 ng

RT: 9.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

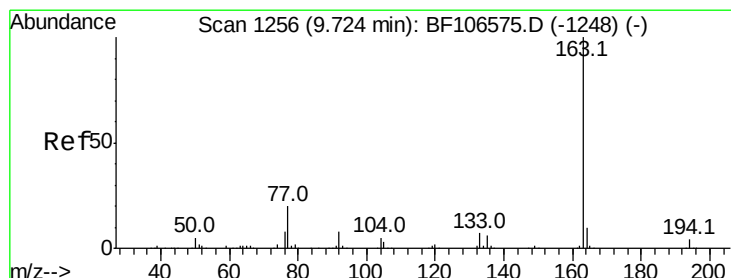
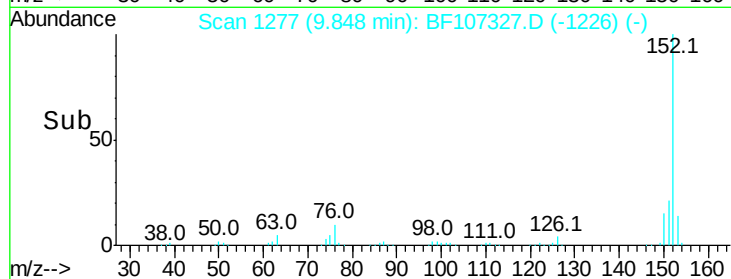
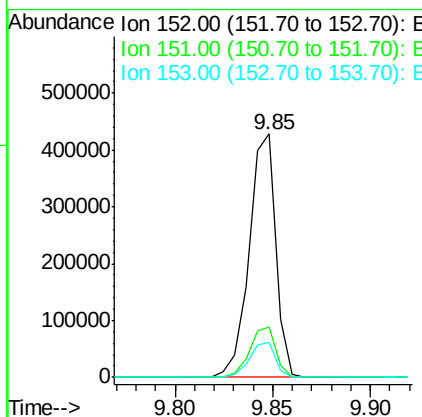
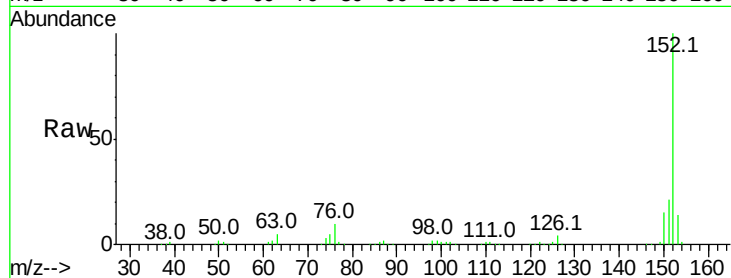
ClientSampleId :

PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	405053		
151	20.6		16.3	24.5
153	14.2		10.7	16.1

Manual Integrations
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#49

Dimethylphthalate

Concen: 48.904 ng

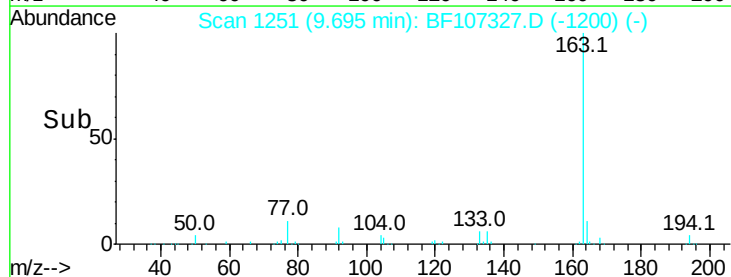
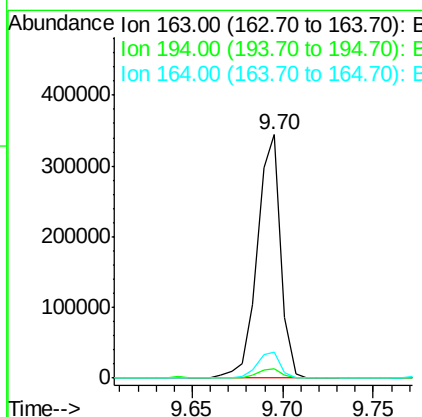
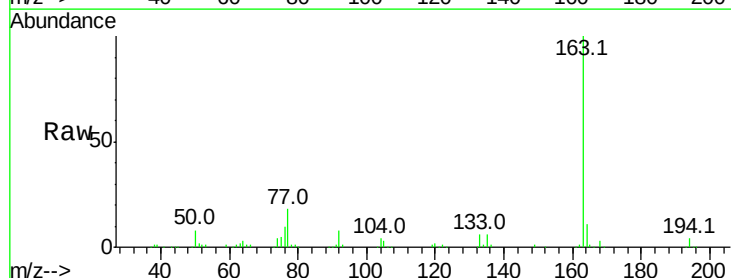
RT: 9.70 min Scan# 1251

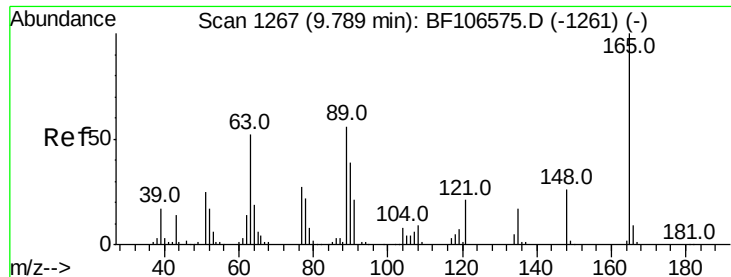
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	308748		
194	4.1		2.7	4.1#
164	10.7		8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 45.993 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

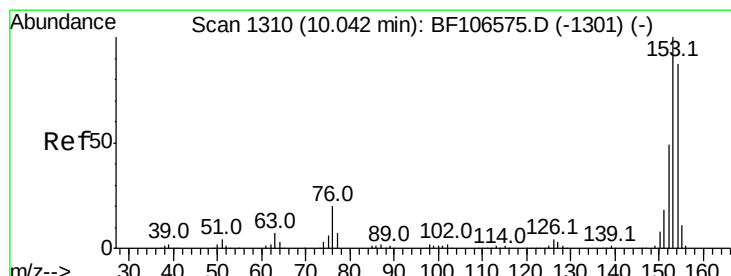
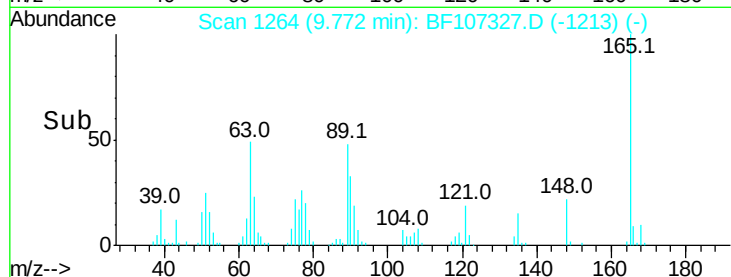
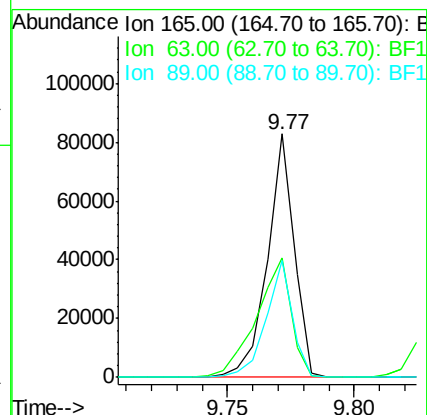
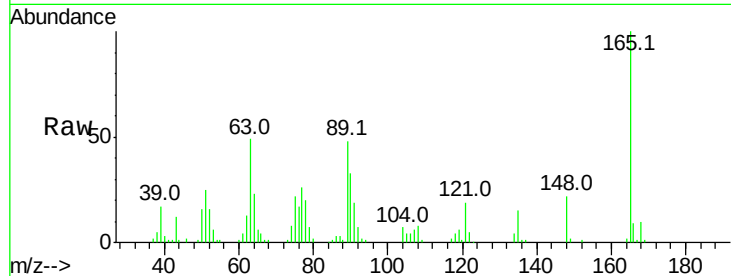
ClientSampleId :

PB111003BSD

Tot Ion:	165	Resp:	61487
Ion Ratio	Lower	Upper	
165	100		
63	49.1	44.7	67.1
89	48.0	44.0	66.0

Manual Integrations
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#51

Acenaphthene

Concen: 46.110 ng

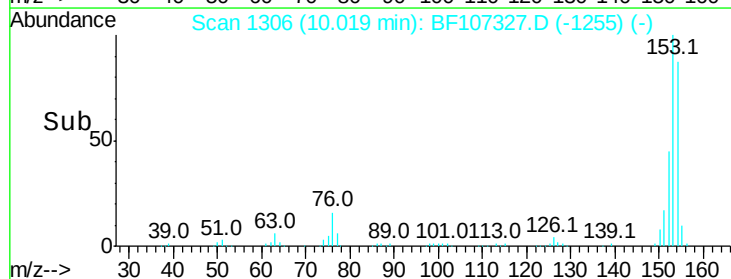
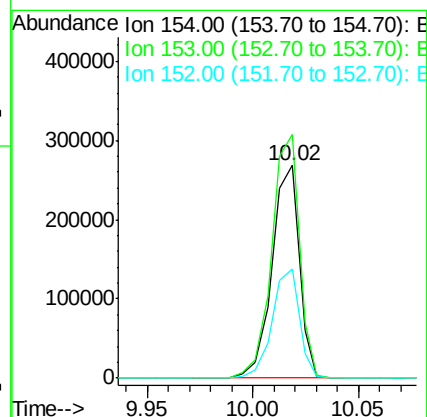
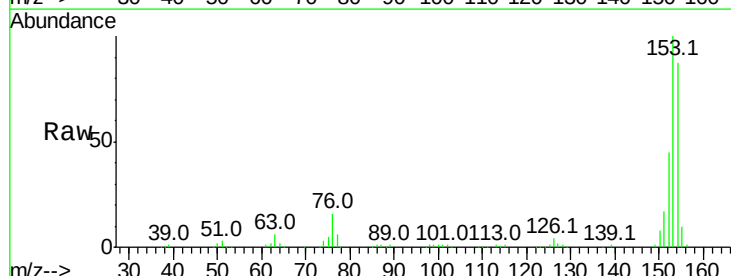
RT: 10.02 min Scan# 1306

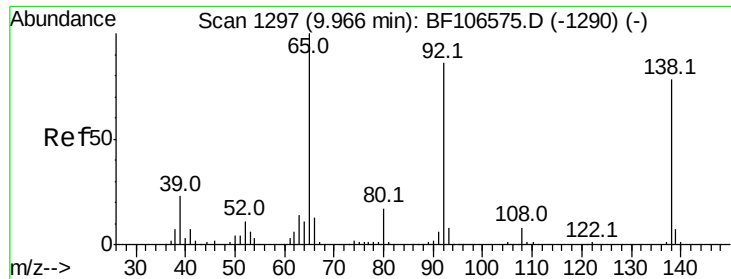
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	154	Resp:	242069
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	51.4	43.8	65.8





#52

3-Nitroaniline

Concen: 51.266 ng

RT: 9.95 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

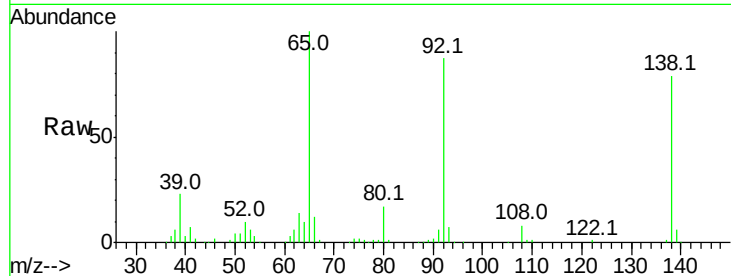
ClientSampled :

PB111003BSD

Tot Ion:	138	Resp:	78867
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	110.1	89.4	134.2

Manual Integrations
APPROVED

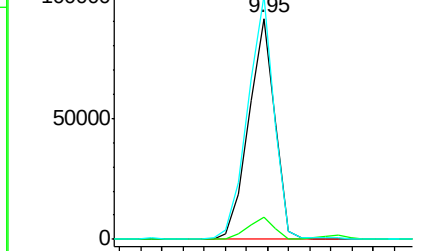
Sohil
7/12/2018 2:19:57 PM



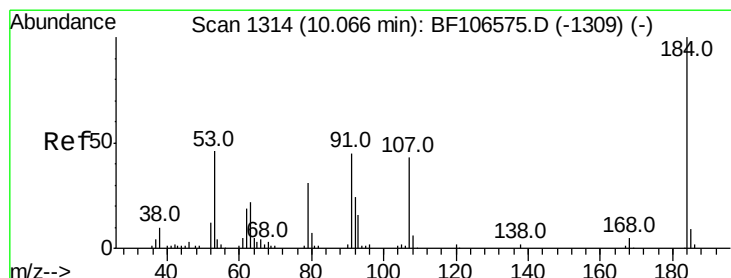
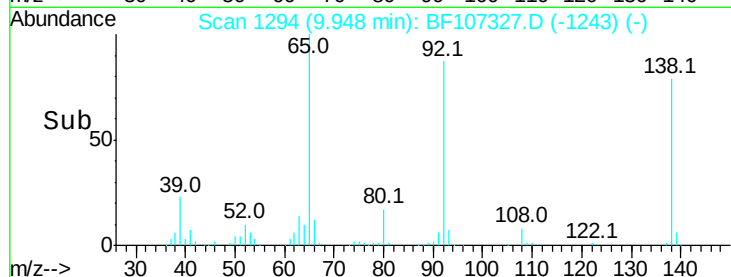
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#53

2,4-Dinitrophenol

Concen: 8.945 ng

RT: 10.08 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF107327.D

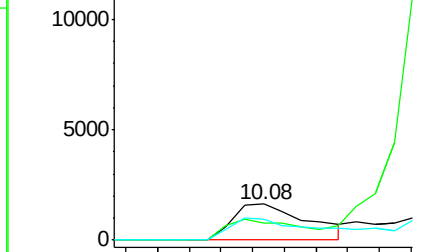
Acq: 12 Jul 2018 4:00

Tgt Ion:	184	Resp:	2676
Ion Ratio	Lower	Upper	
184	100		
63	48.0	54.2	81.2#
154	59.9	184.0	276.0#

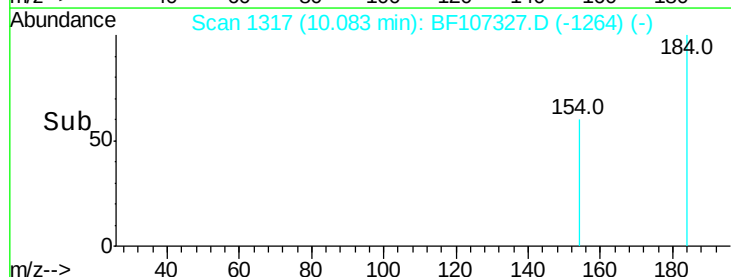
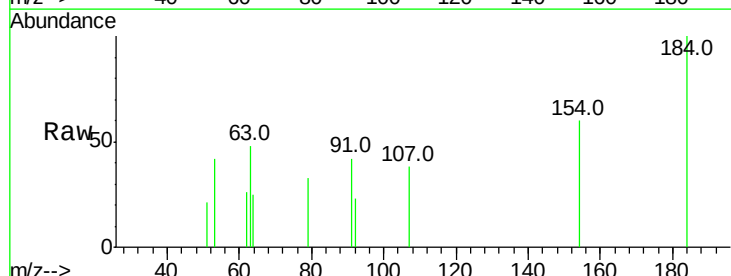
Abundance Ion 184.00 (183.70 to 184.70): E

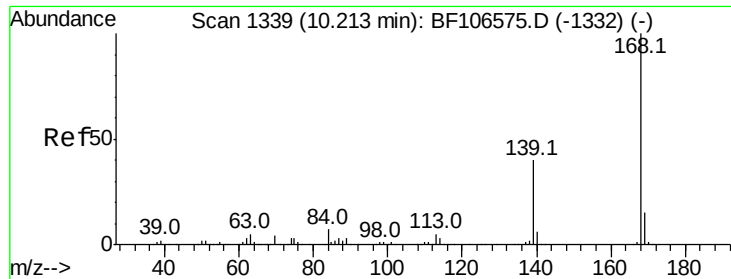
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



Time-->





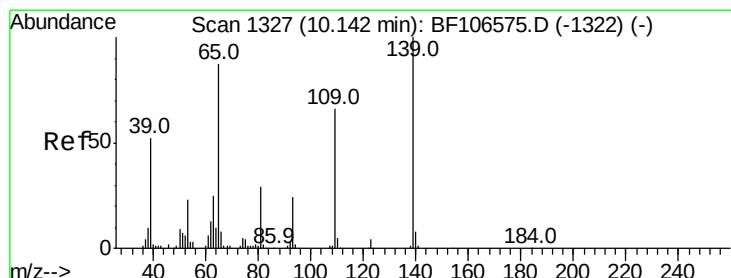
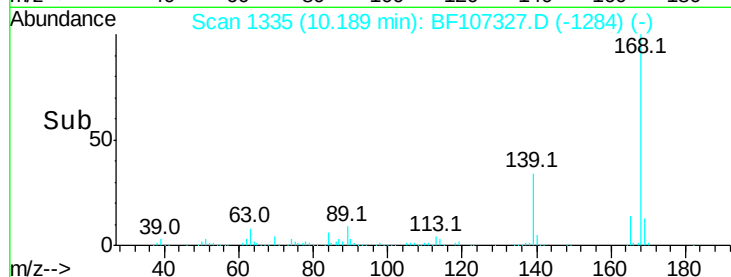
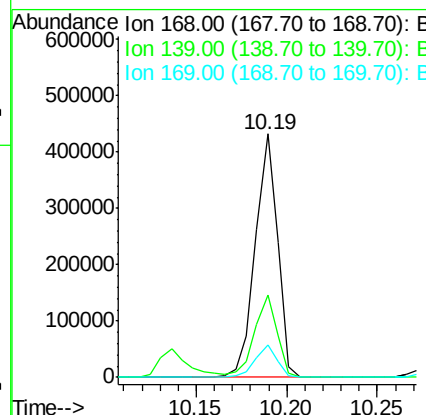
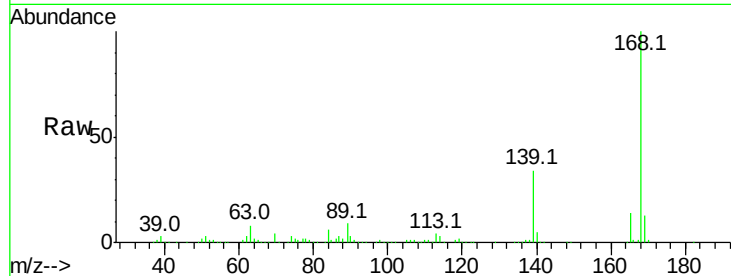
#54
Dibenzofuran
Concen: 51.363 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	33.8	30.1	45.1	
169	13.1	10.9	16.3	

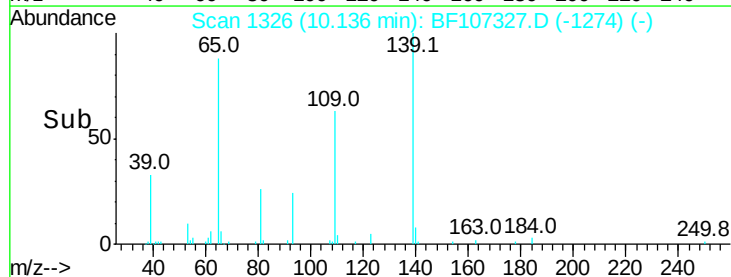
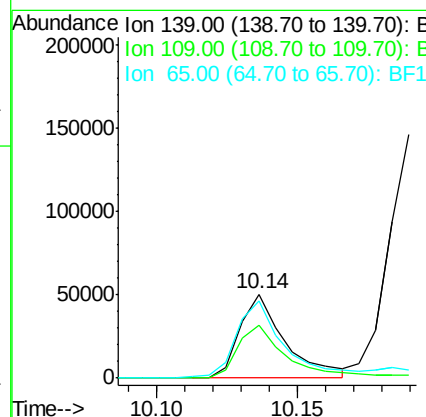
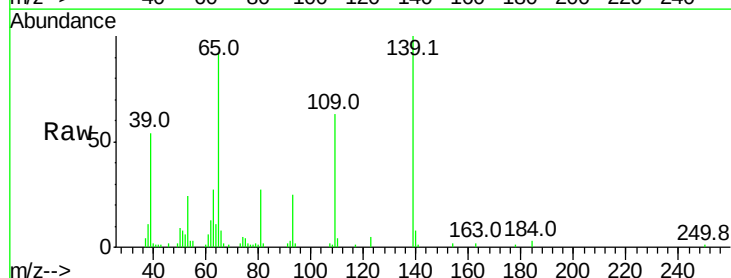
Manual Integrations
APPROVED

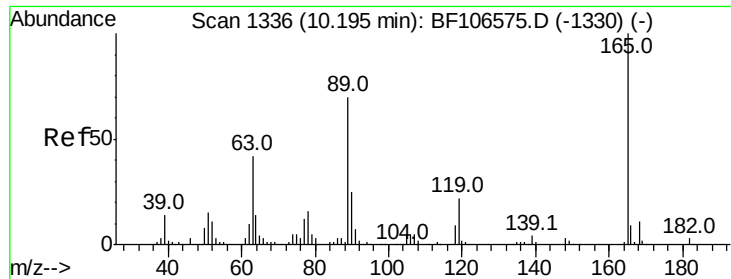
Sohil
7/12/2018 2:19:57 PM



#55
4-Nitrophenol
Concen: 52.433 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.5	48.4	88.4	
65	91.7	72.6	112.6	





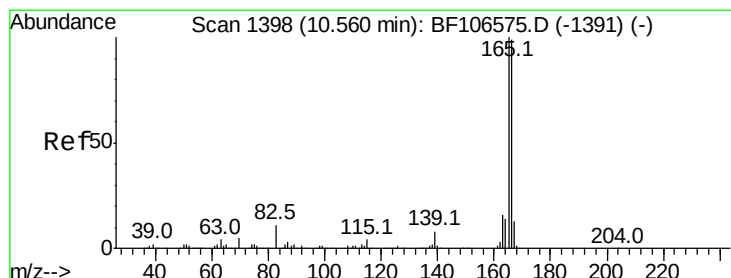
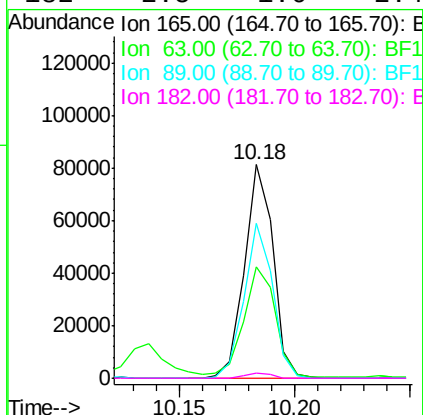
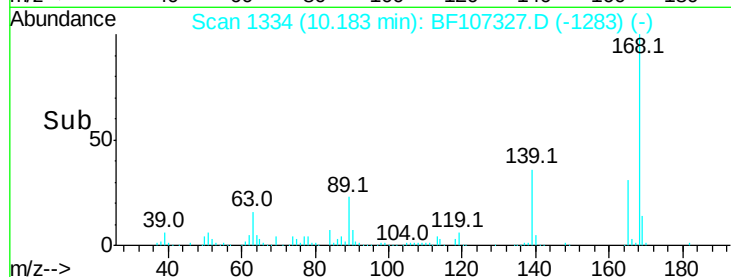
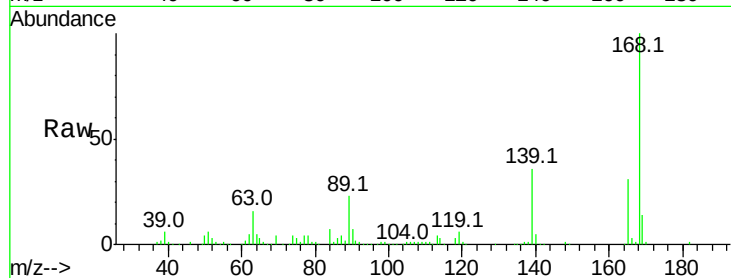
#56
2,4-Dinitrotoluene
Concen: 40.373 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.4	54.6
89	72.7	57.8	86.6
182	2.5	1.6	2.4#

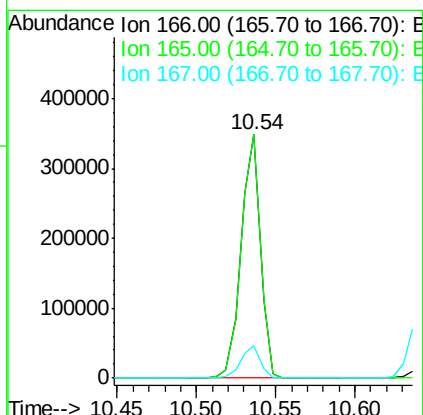
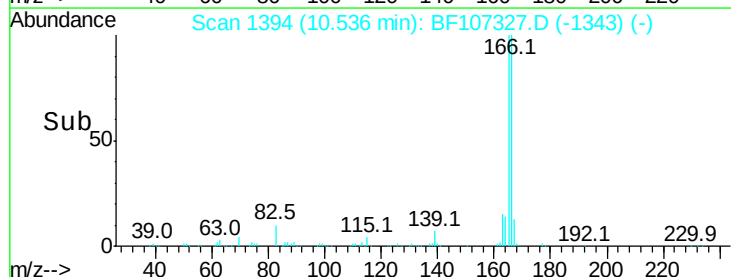
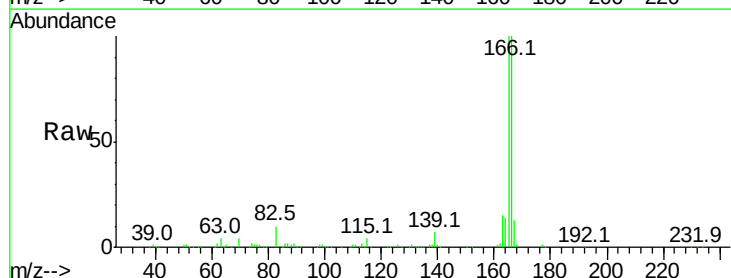
Manual Integrations
APPROVED

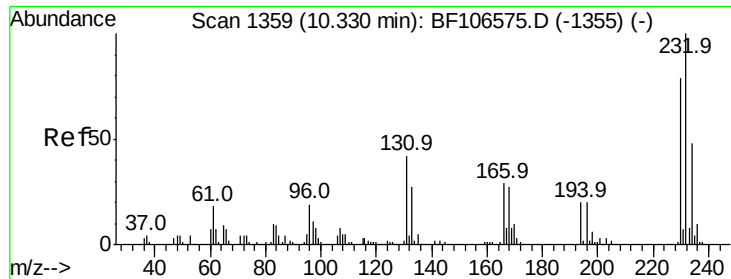
Sohil
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#57
Fluorene
Concen: 51.473 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.2	10.6	16.0





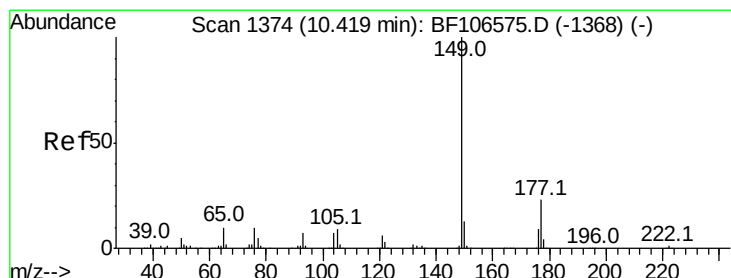
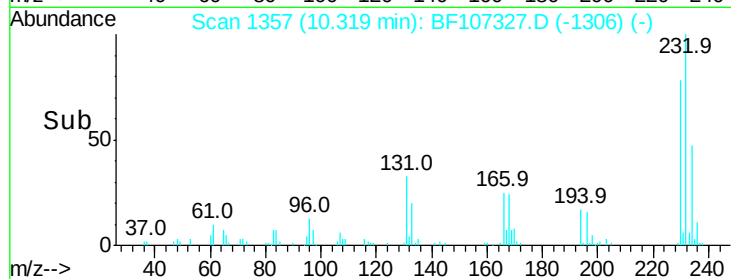
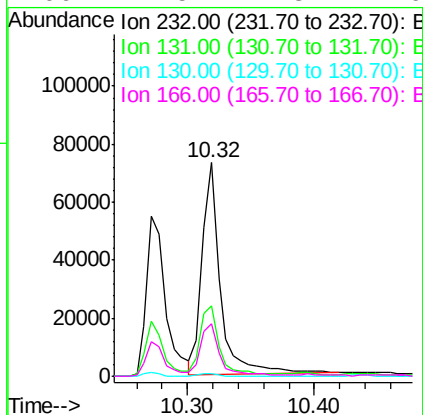
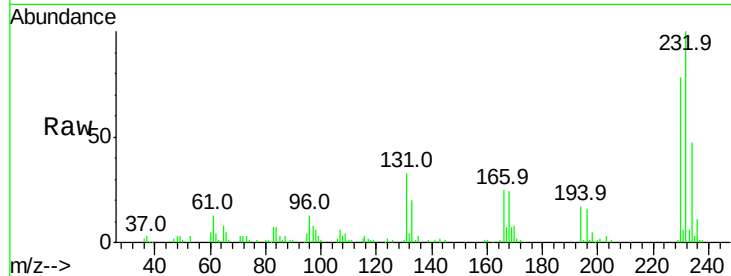
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.166 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.6	43.8	65.8#
130	1.4	2.1	3.1#
166	24.5	27.8	41.6#

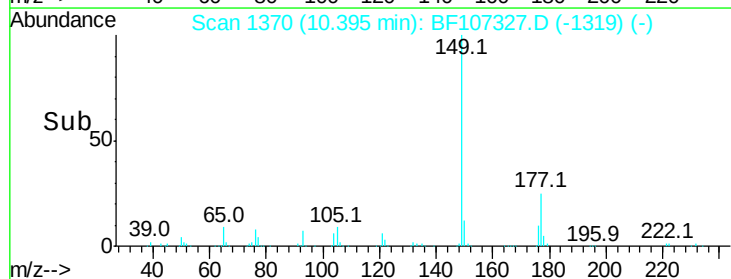
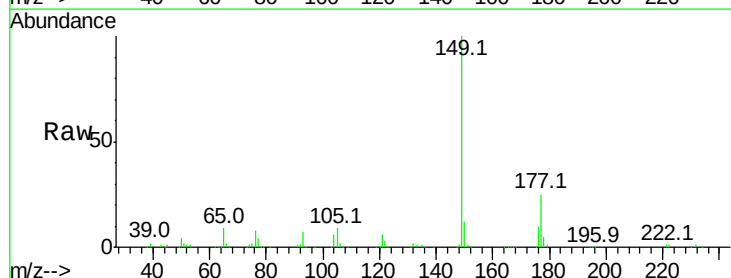
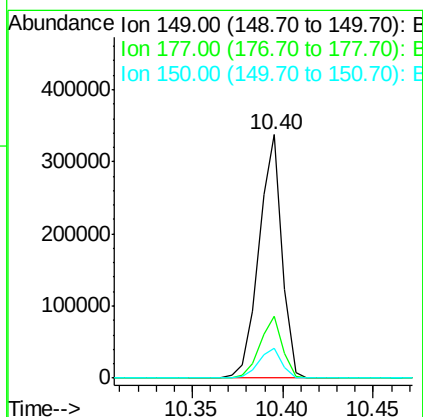
Manual Integrations
 APPROVED

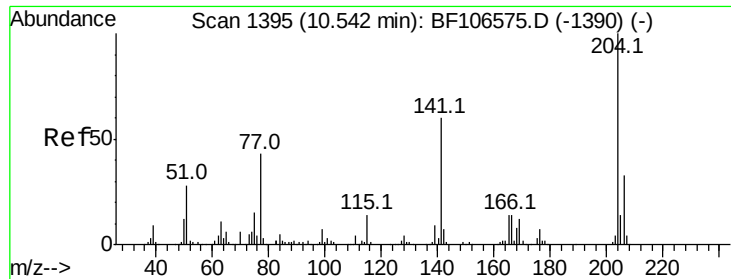
Sohil
 7/12/2018 2:19:57 PM



#59
 Diethylphthalate
 Concen: 48.768 ng
 RT: 10.40 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	16.1	24.1#
150	12.3	10.1	15.1





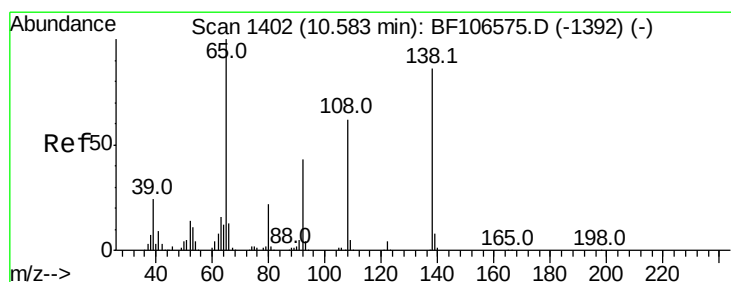
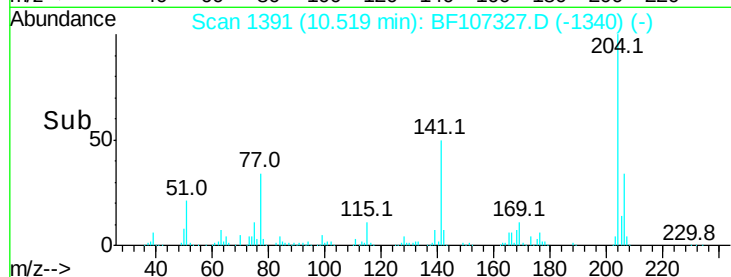
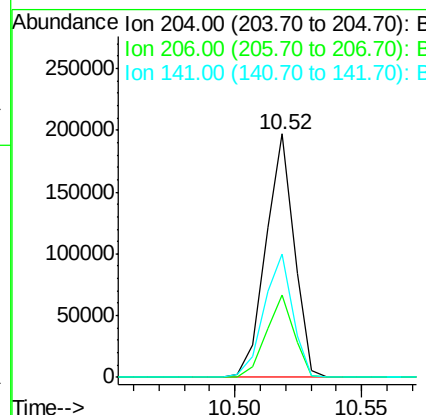
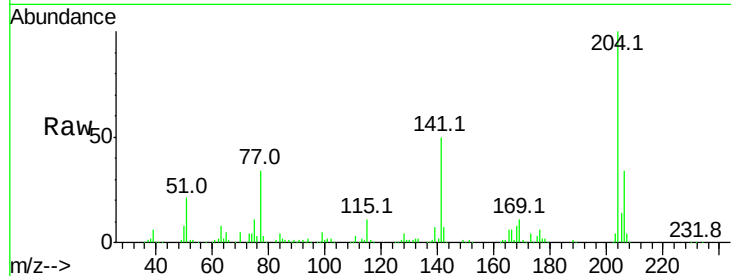
#60
4-Chlorophenyl-phenylether
Concen: 51.768 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	50.4	54.6	81.8#

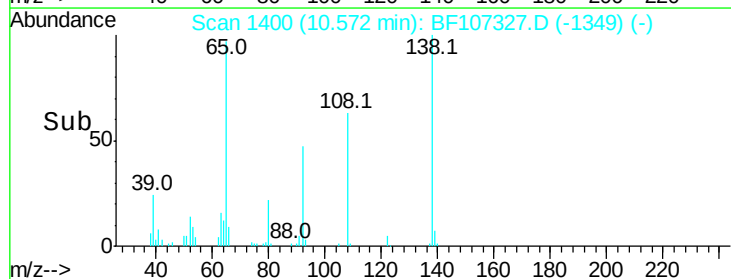
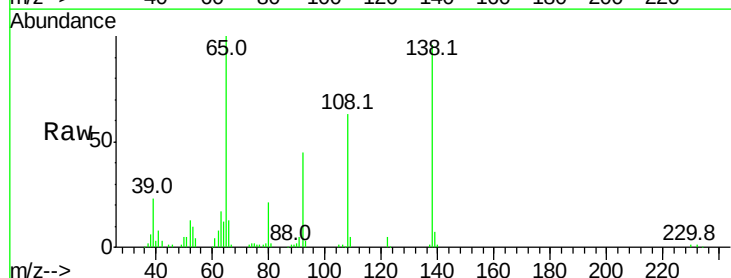
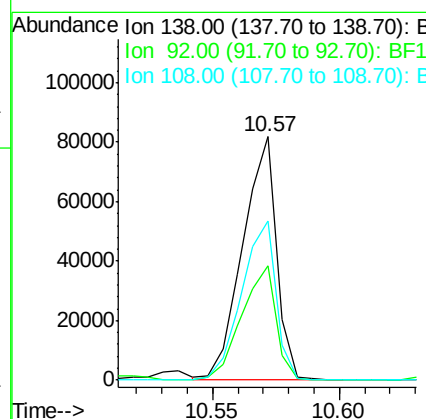
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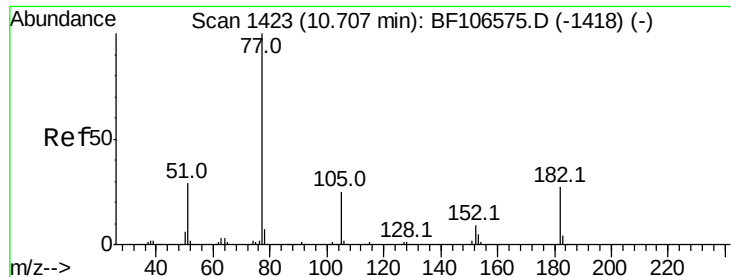
Sohil
7/12/2018 2:19:57 PM



#61
4-Nitroaniline
Concen: 49.765 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	30.2	70.2
108	65.4	52.5	92.5





#62

Azobenzene

Concen: 45.441 ng

RT: 10.68 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

ClientSampleId :

PB111003BSD

Tot Ion: 77 Resp: 272669

Ion Ratio Lower Upper

77 100

182 31.0 1.7 41.7

105 25.1 3.0 43.0

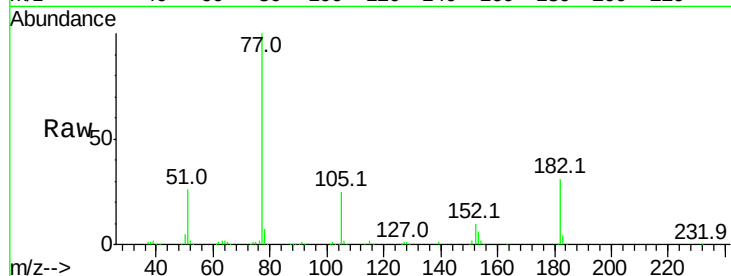
51 26.3 9.9 49.9

Manual Integrations

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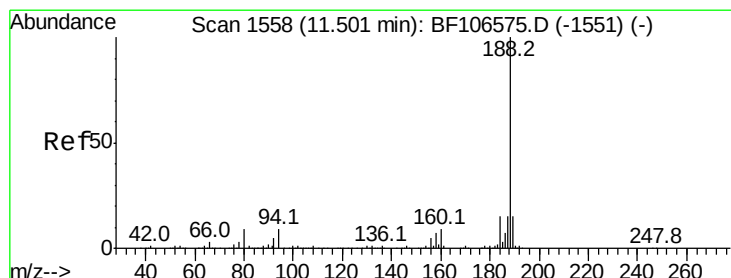
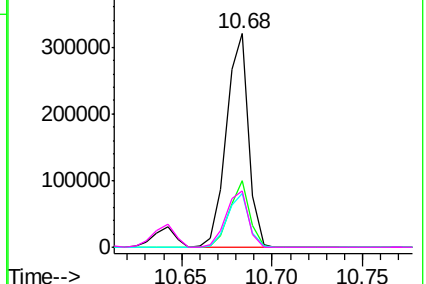
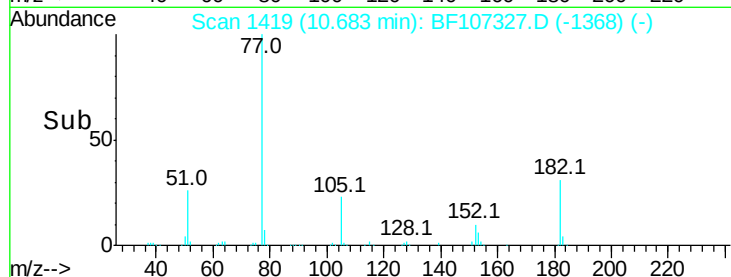


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

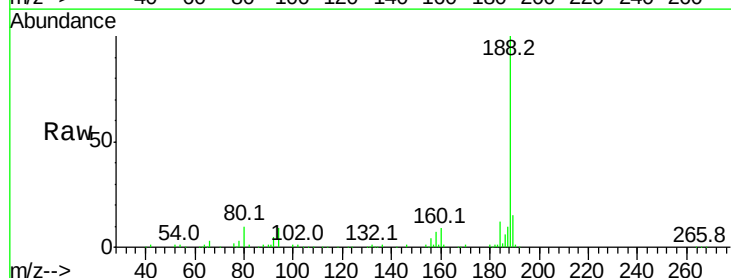
Tgt Ion: 188 Resp: 162408

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

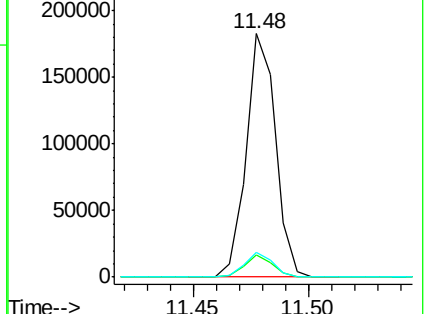
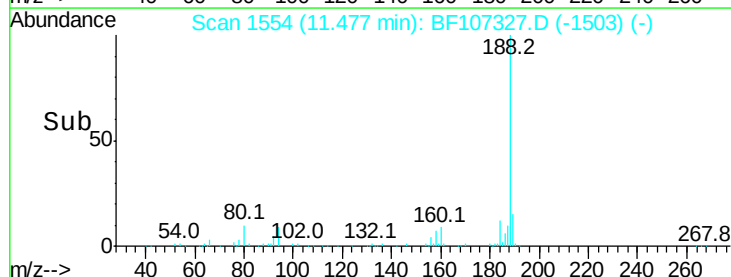
80 10.2 9.2 13.8

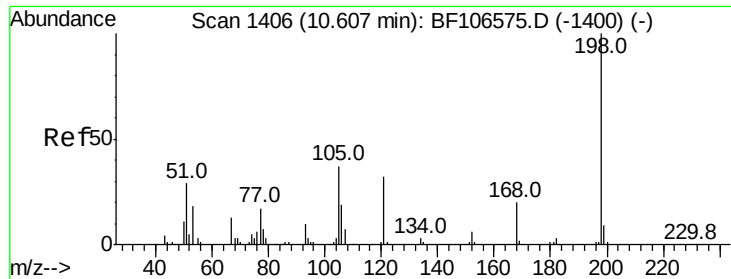


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 5.653 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

ClientSampleId :

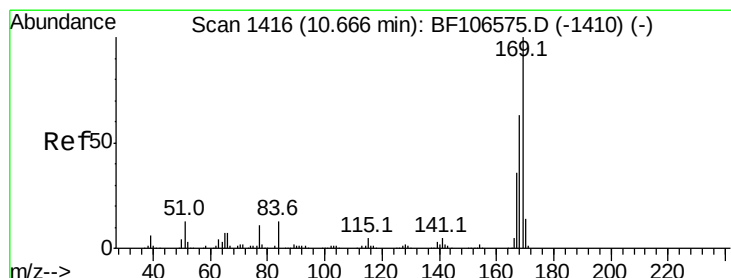
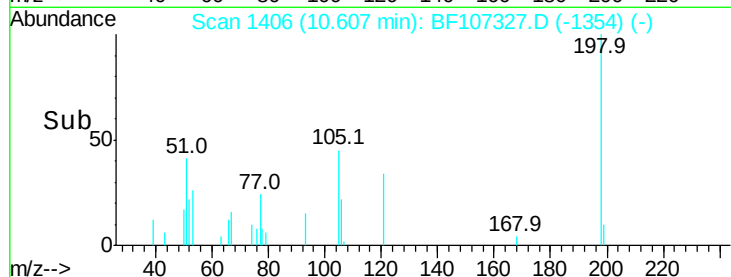
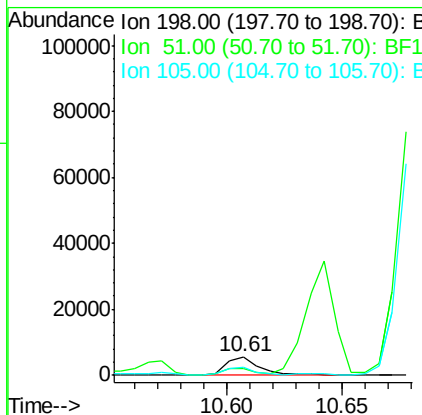
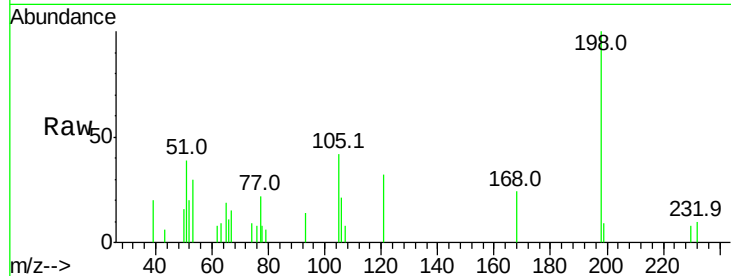
PB111003BSD

Tot Ion:	198	Resp:	5675
Ion Ratio	Lower	Upper	
198	100		
51	38.7	37.7	77.7
105	42.2	36.3	76.3

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#65

n-Nitrosodiphenylamine

Concen: 46.354 ng

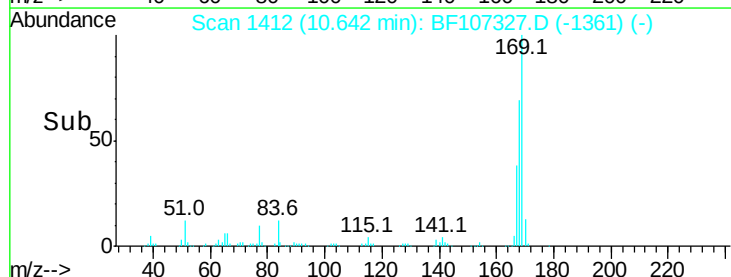
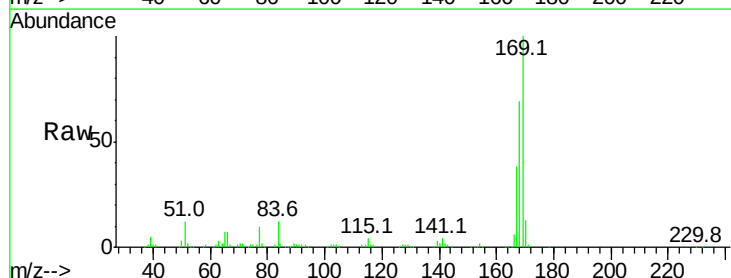
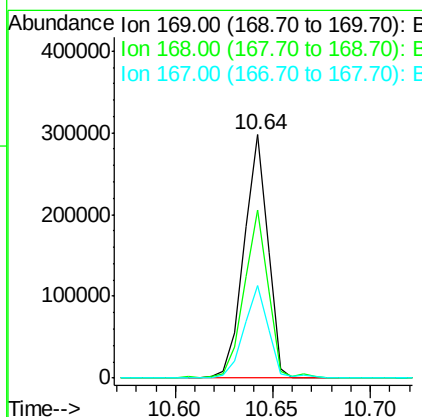
RT: 10.64 min Scan# 1412

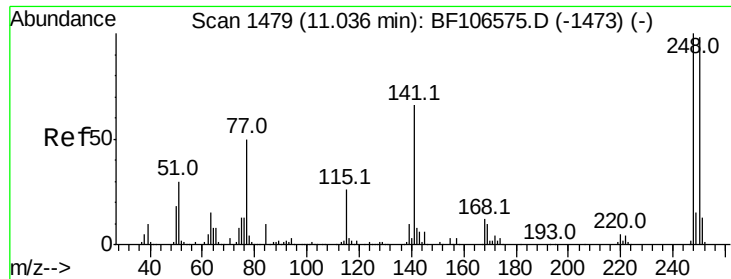
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	169	Resp:	253217
Ion Ratio	Lower	Upper	
169	100		
168	69.0	54.4	81.6
167	38.2	29.8	44.6





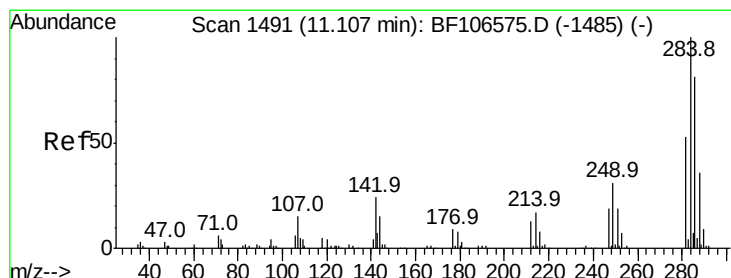
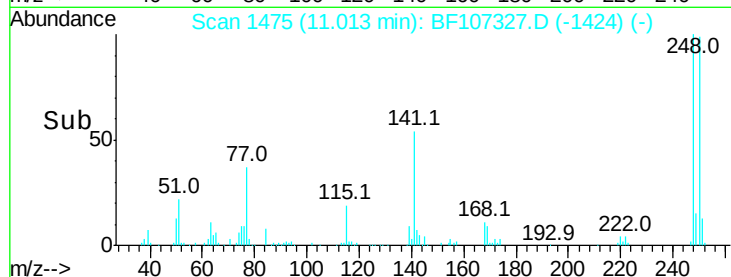
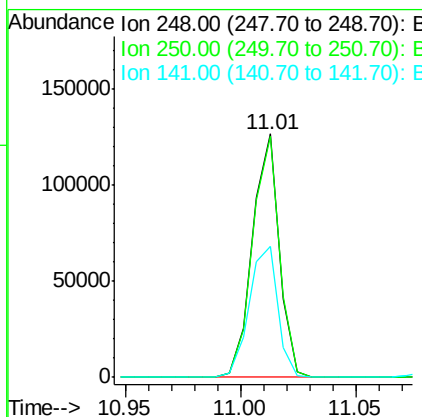
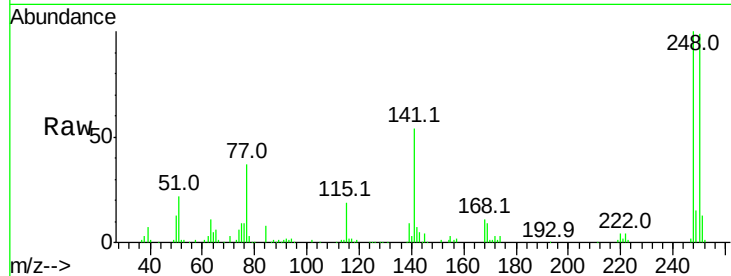
#66
 4-Bromophenyl-phenylether
 Concen: 53.283 ng
 RT: 11.01 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.9	115.3
141	53.9	74.4	111.6

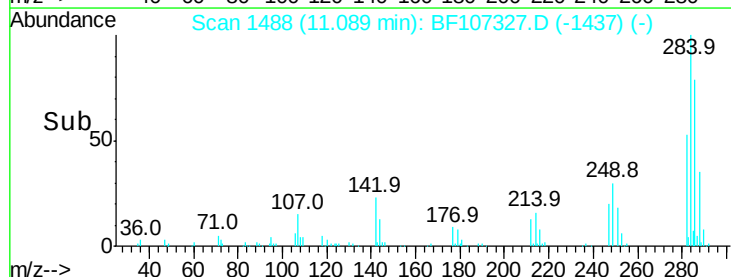
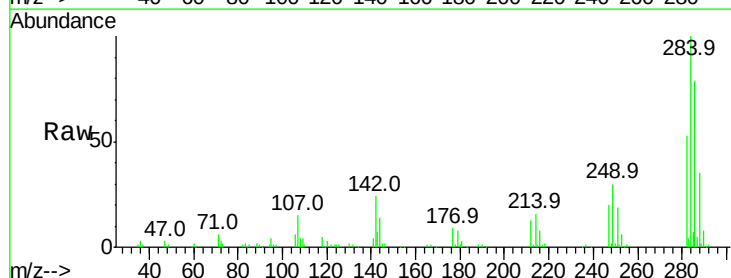
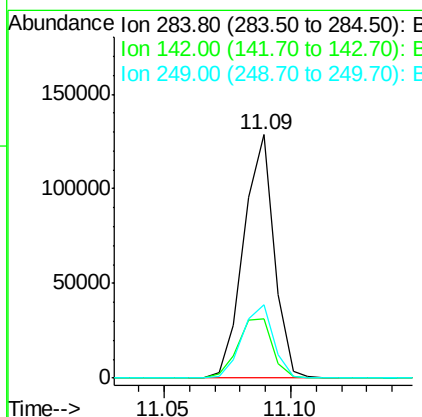
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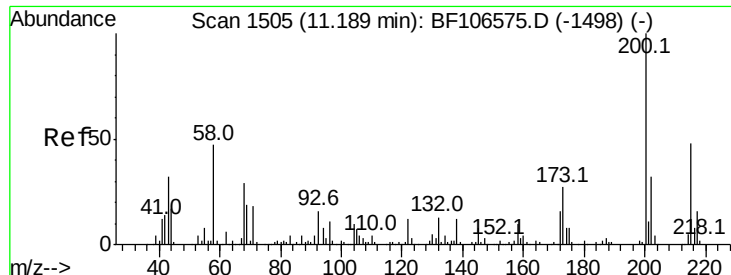
Sohil
 7/12/2018 2:19:57 PM



#67
 Hexachlorobenzene
 Concen: 52.871 ng
 RT: 11.09 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	34.6	52.0
249	30.1	24.8	37.2





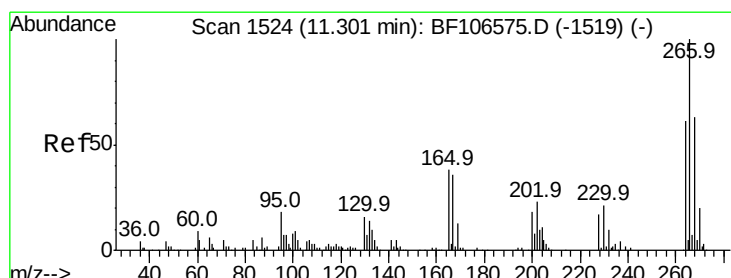
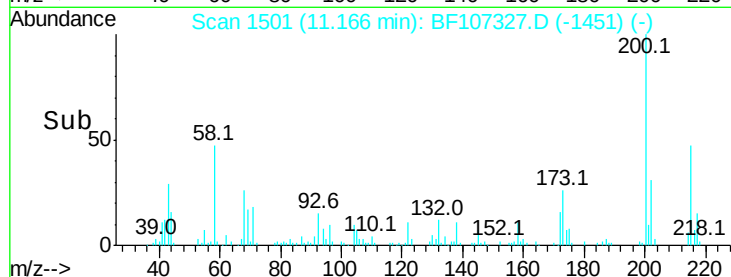
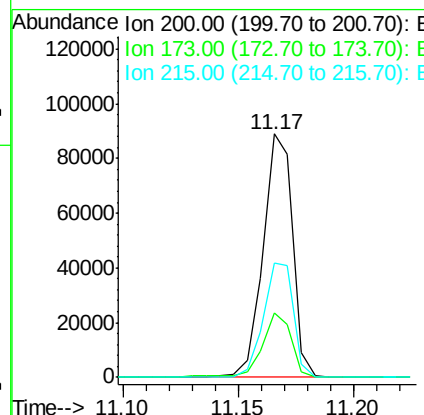
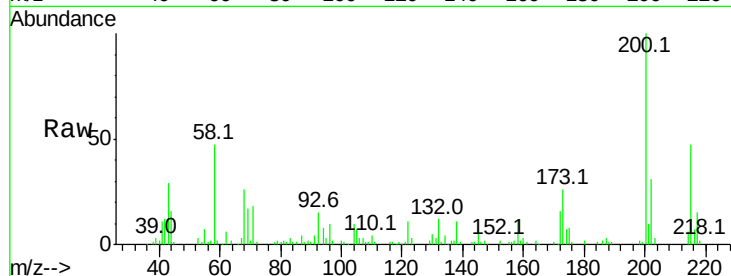
#68
Atrazine
Concen: 45.543 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	8.6	48.6
215	46.9	25.1	65.1

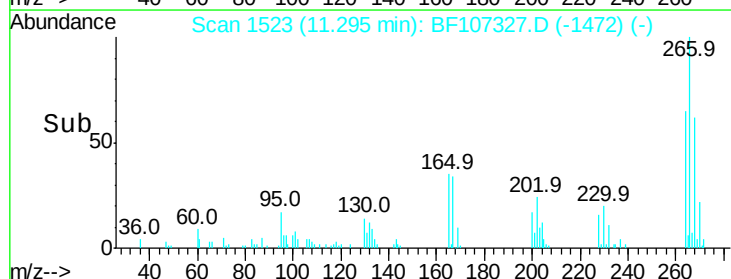
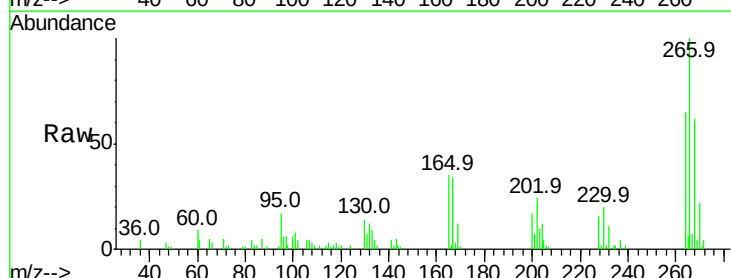
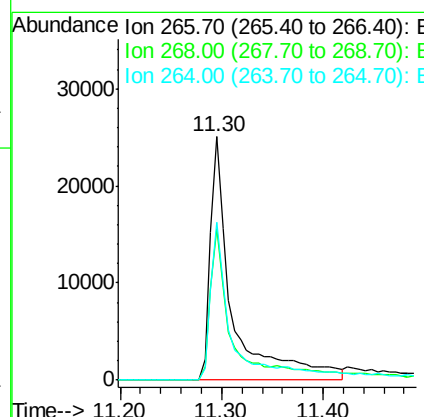
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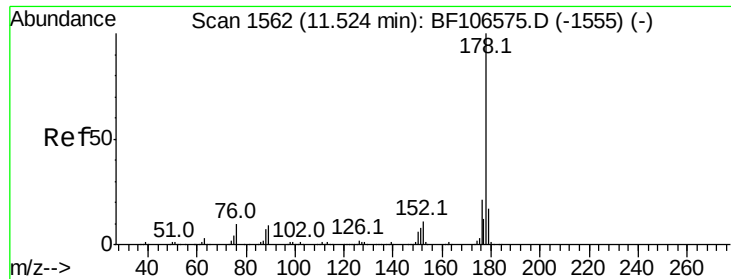
Sohil
7/12/2018 2:19:57 PM



#69
Pentachlorophenol
Concen: 37.767 ng
RT: 11.30 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.1	76.7
264	64.7	49.5	74.3





#70

Phenanthrene

Concen: 55.329 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

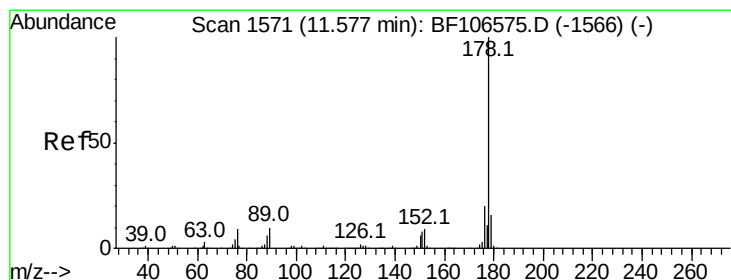
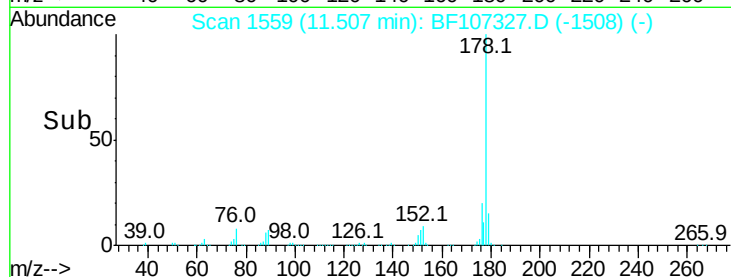
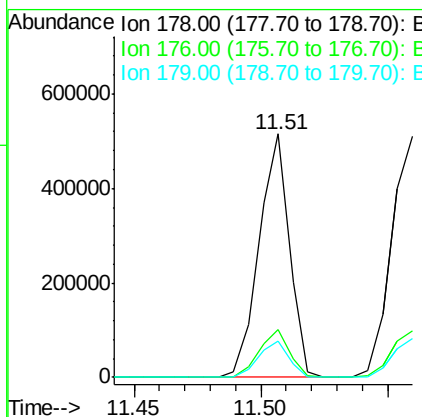
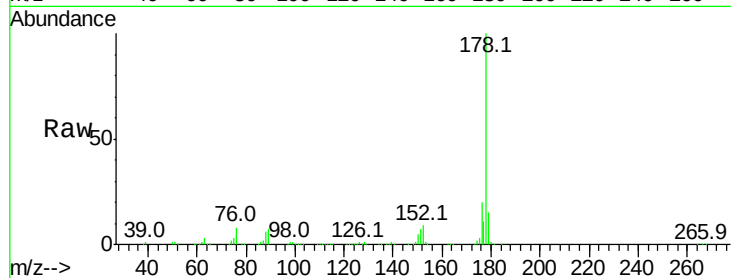
ClientSampleId :

PB111003BSD

Tot Ion:	178	Resp:	433407
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.1	13.0	19.6

Manual Integrations
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#71

Anthracene

Concen: 54.964 ng

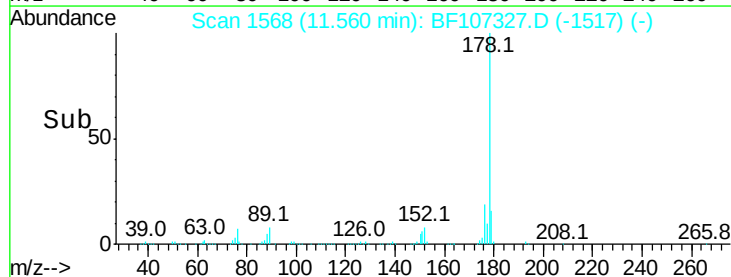
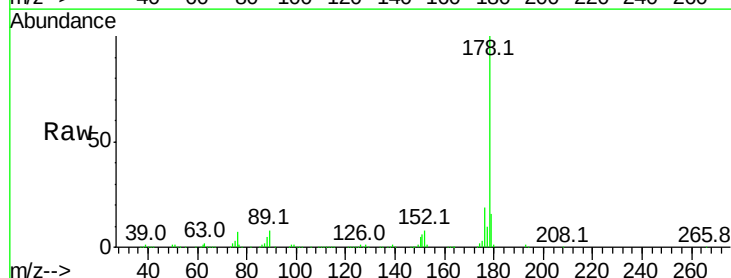
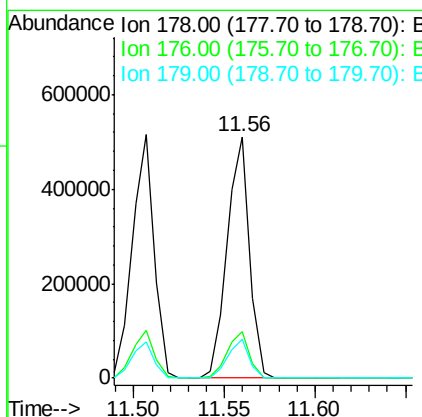
RT: 11.56 min Scan# 1568

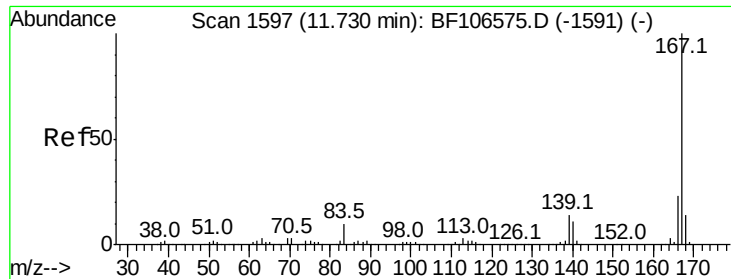
Delta R.T. -0.00 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	178	Resp:	439466
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0





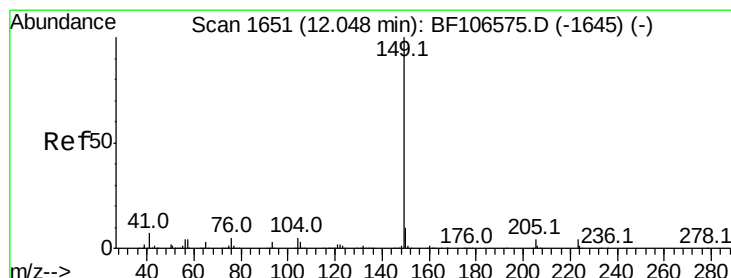
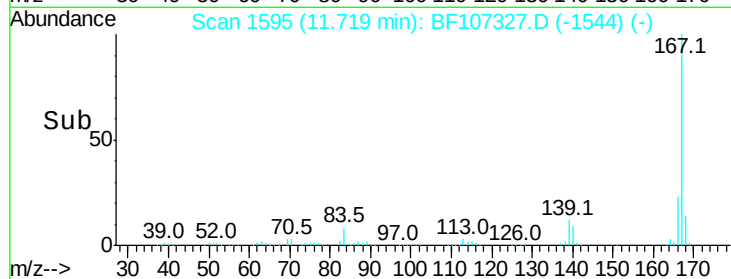
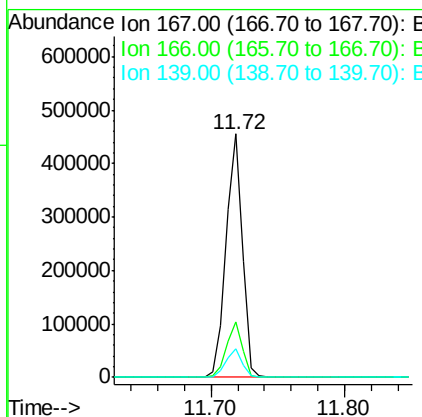
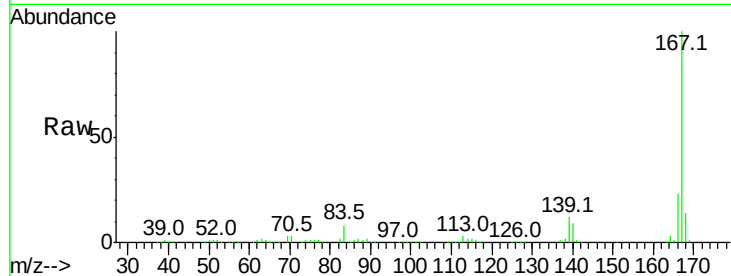
#72
 Carbazole
 Concen: 52.700 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.0	10.9	16.3

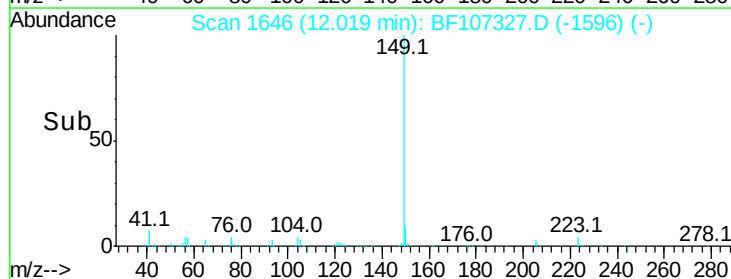
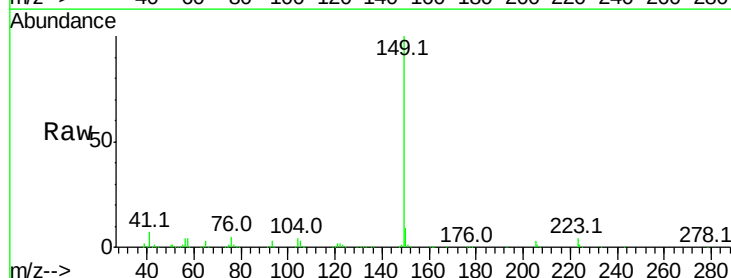
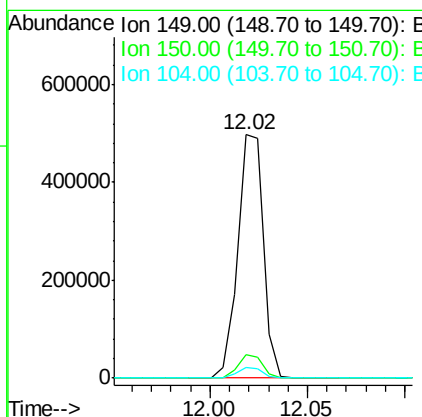
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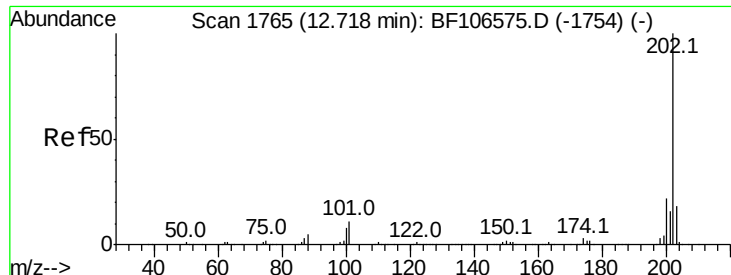
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 7/12/2018 2:19:57 PM



#73
 Di-n-butylphthalate
 Concen: 51.105 ng
 RT: 12.02 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.5	3.8	5.8





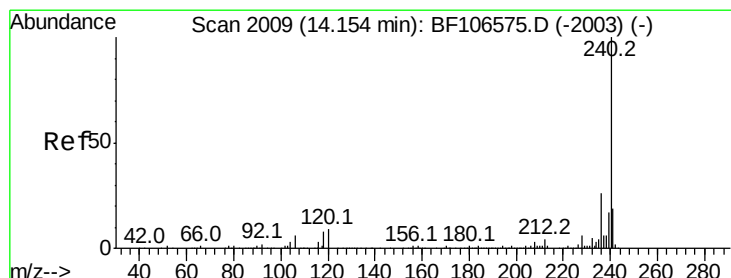
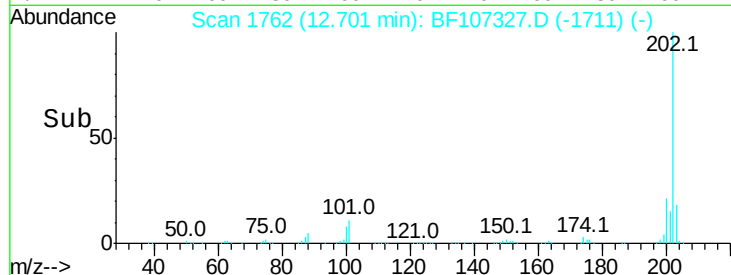
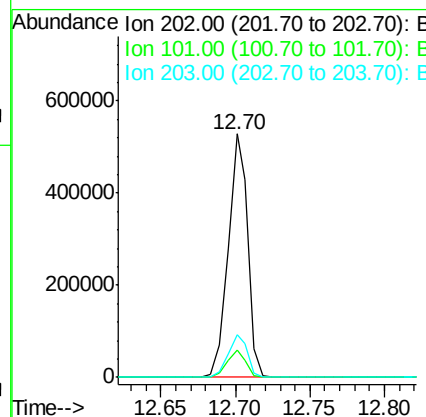
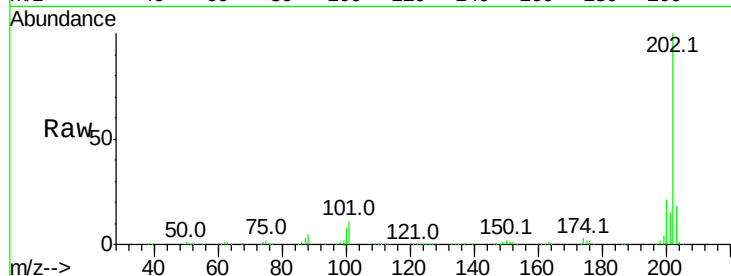
#74
Fluoranthene
 Concen: 56.568 ng
 RT: 12.70 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.7	0.0	38.1

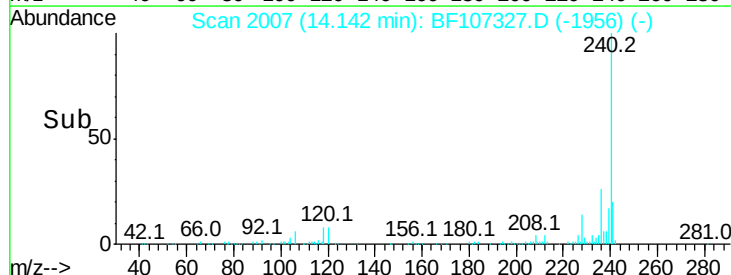
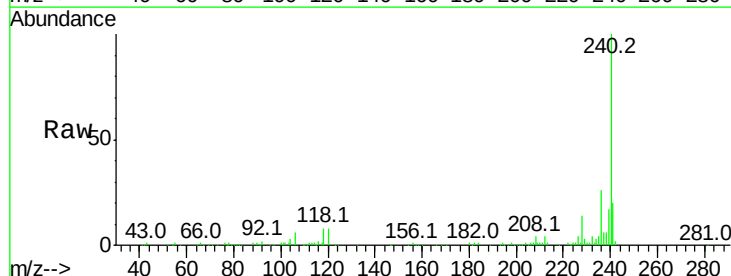
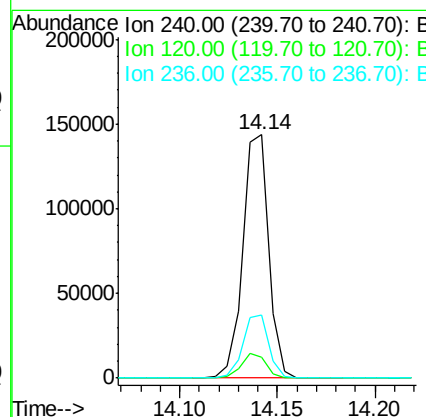
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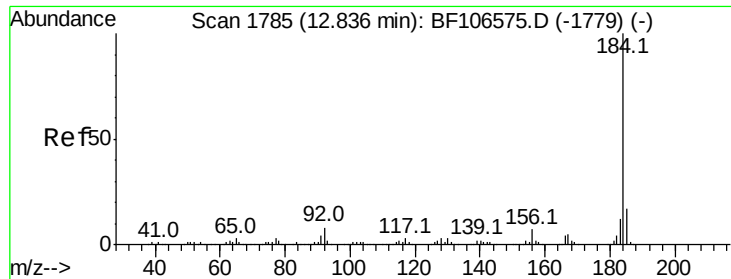
Sohil
 7/12/2018 2:19:57 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	25.9	20.7	31.1





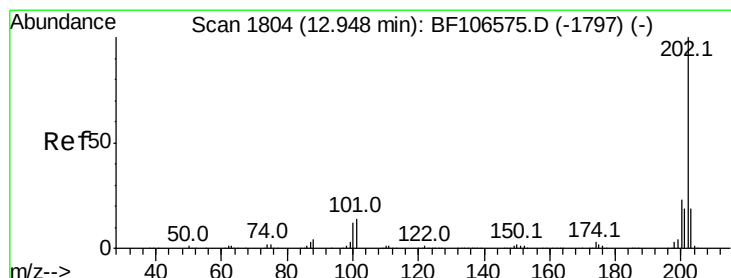
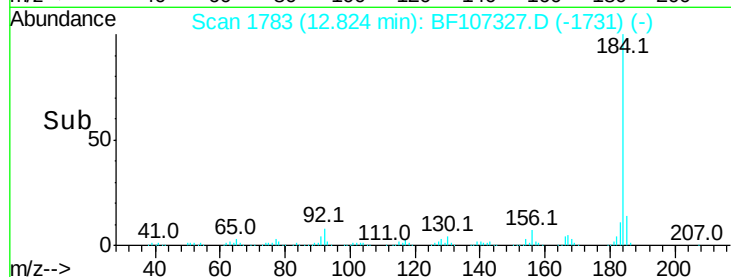
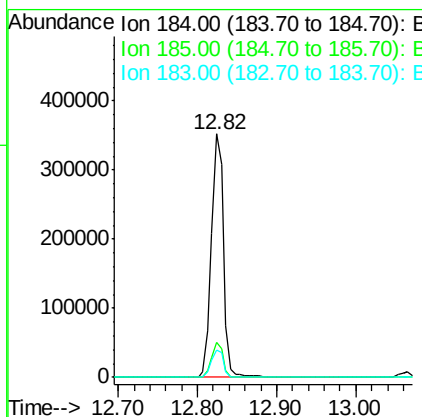
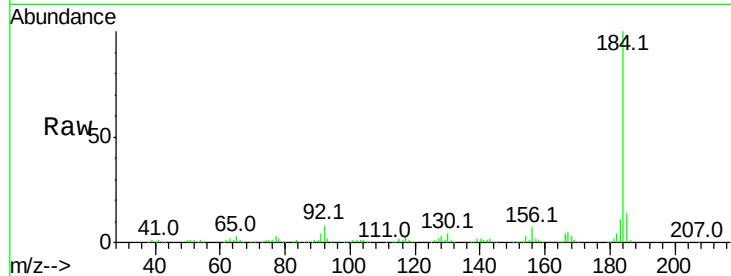
#76
Benzidine
Concen: 99.661 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.4	9.3	13.9

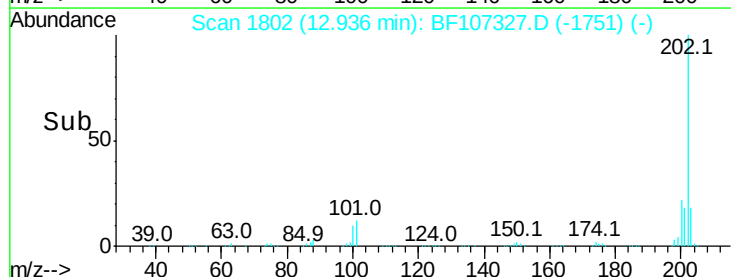
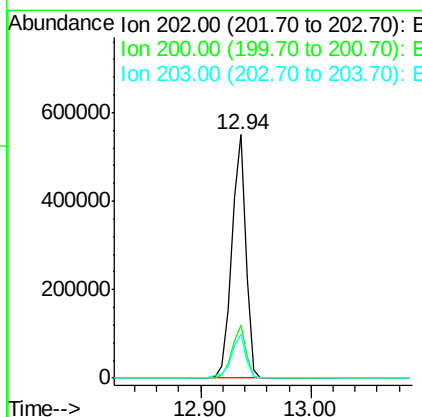
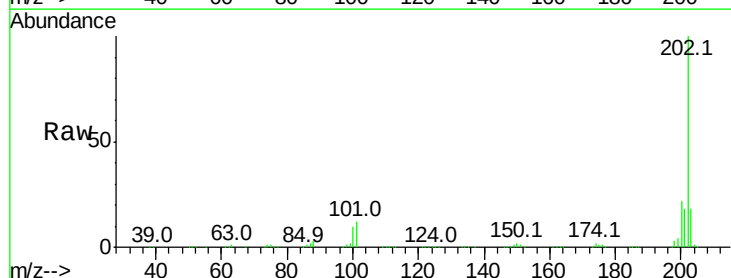
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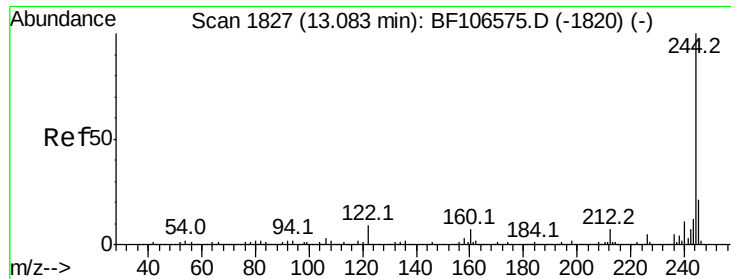
Sohil
7/12/2018 2:19:57 PM



#77
Pyrene
Concen: 56.491 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.3	21.5





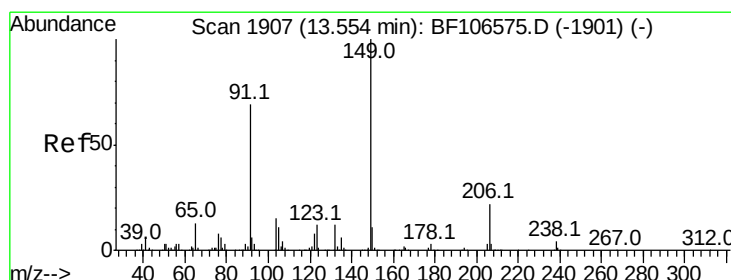
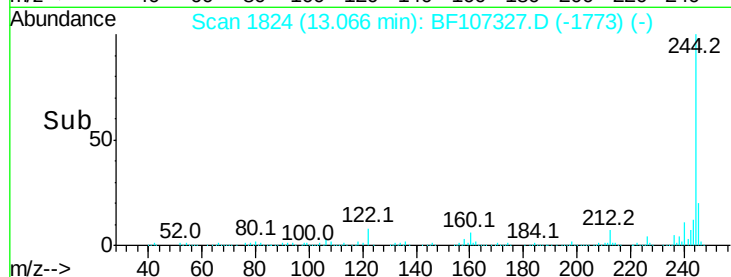
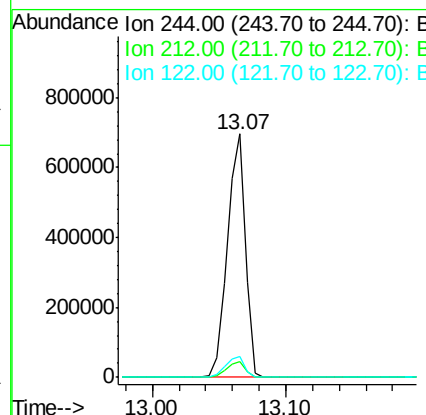
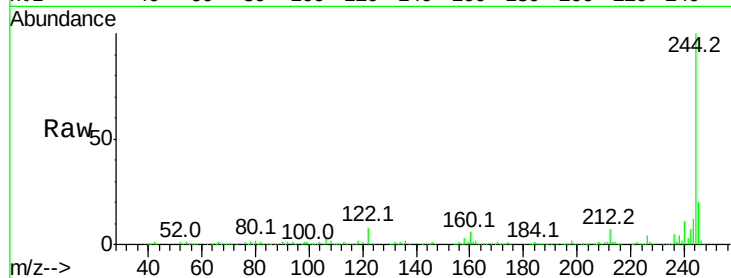
#78
 Terphenyl-d14
 Concen: 122.080 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Instrument :
 BNA_F
 ClientSampleId :
 PB111003BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.4	8.0
122	8.3	11.0	16.4#

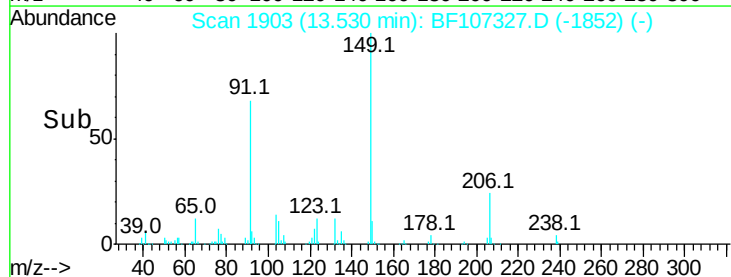
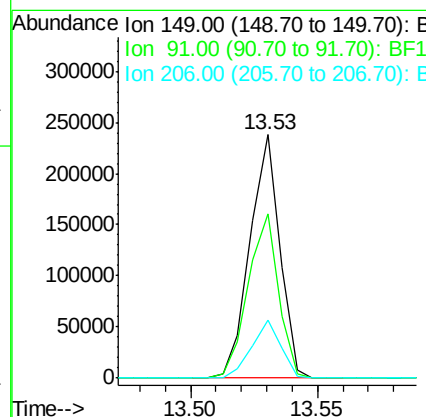
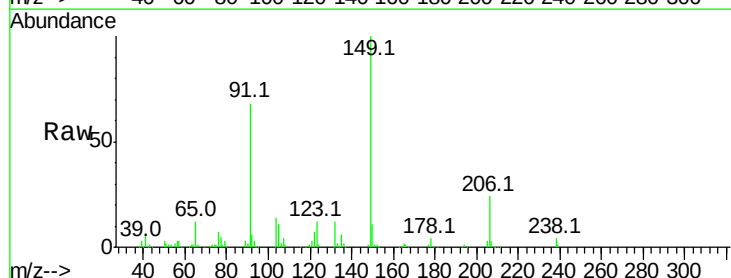
Manual Integrations
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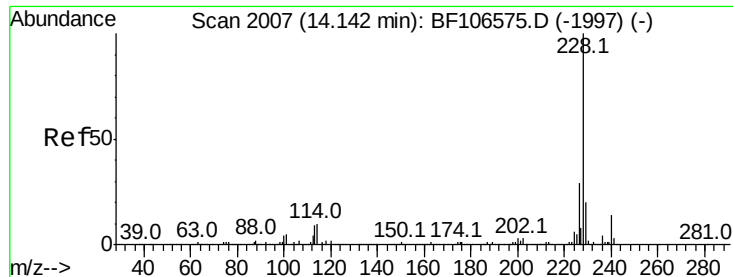
Sohil
 7/12/2018 2:19:57 PM



#79
 Butylbenzylphthalate
 Concen: 54.759 ng
 RT: 13.53 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BF107327.D
 Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.5	56.8	85.2
206	24.0	14.1	21.1#





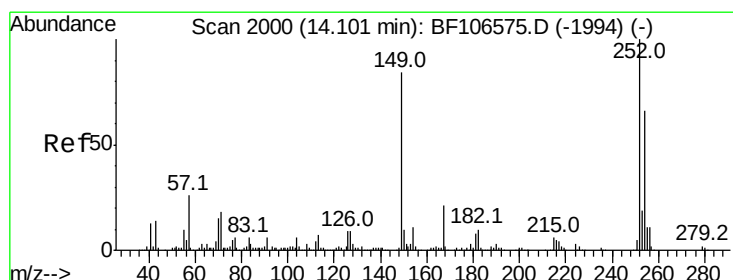
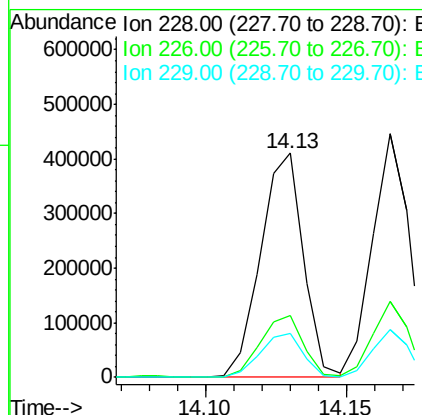
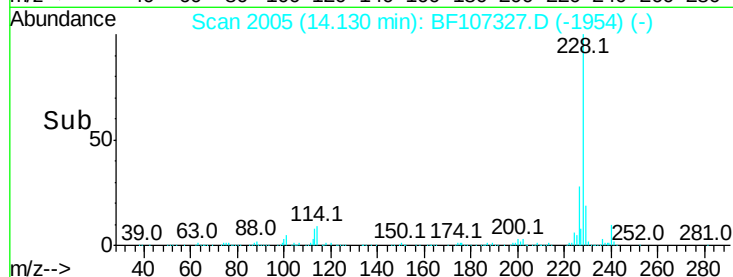
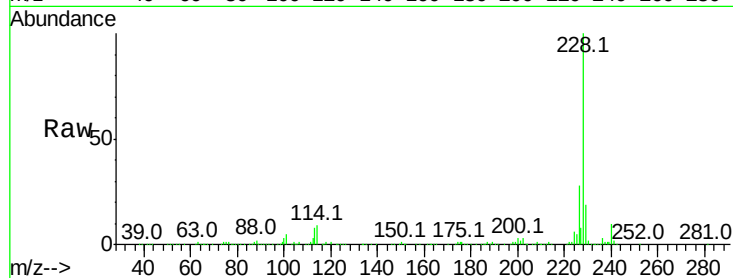
#80
Benzo(a)anthracene
Concen: 53.624 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.4	15.8	23.6

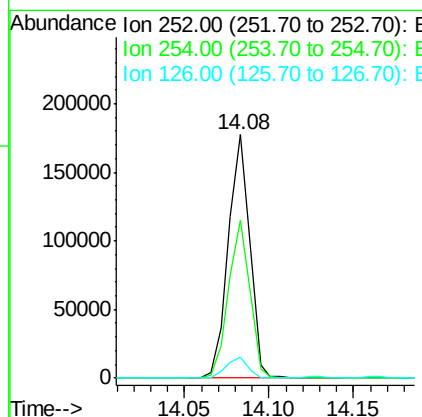
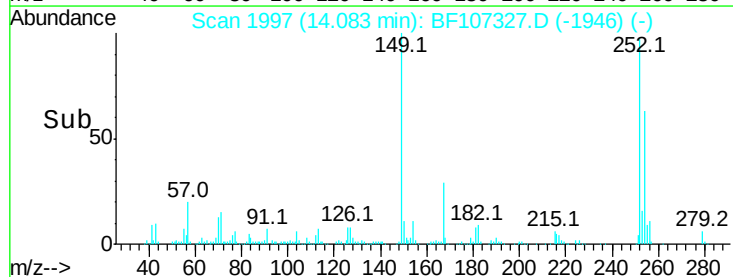
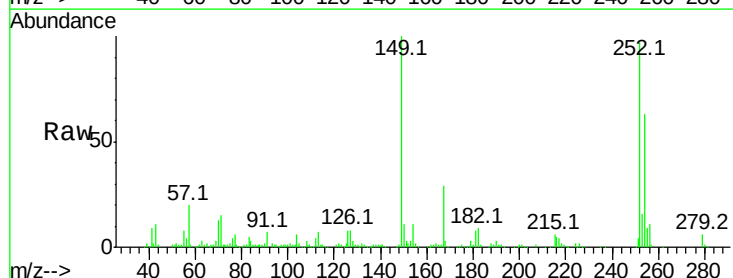
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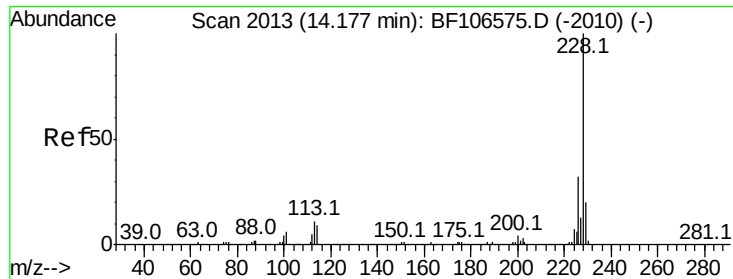
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 55.132 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	8.7	11.3	16.9





#82

Chrysene

Concen: 53.631 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

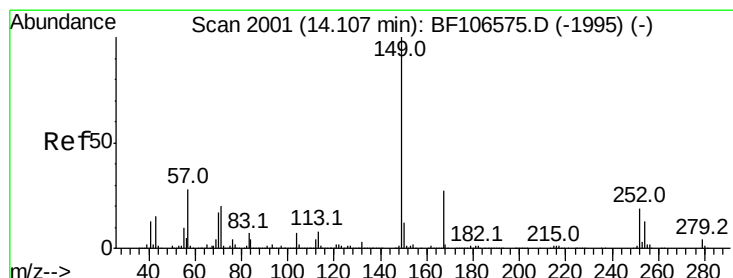
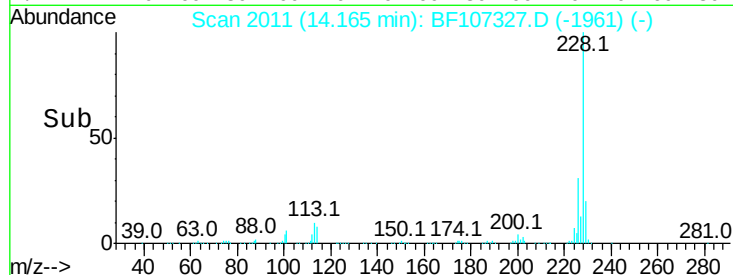
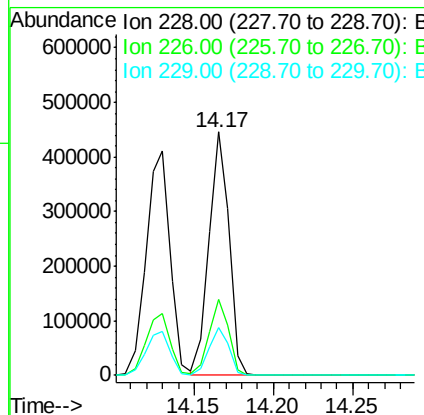
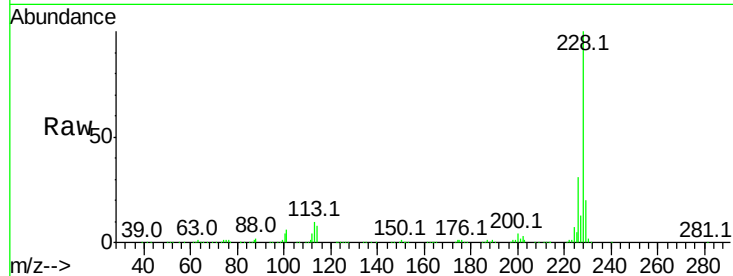
ClientSampleId :

PB111003BSD

Tot Ion:	228	Resp:	397633
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	19.6	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 55.748 ng

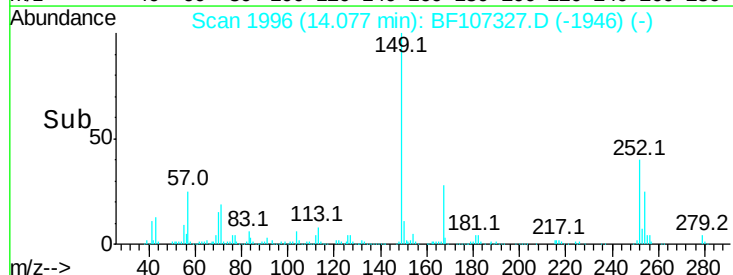
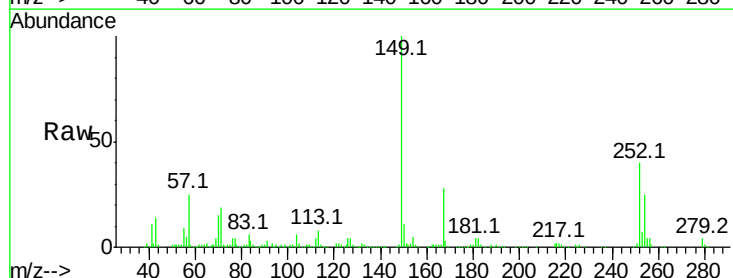
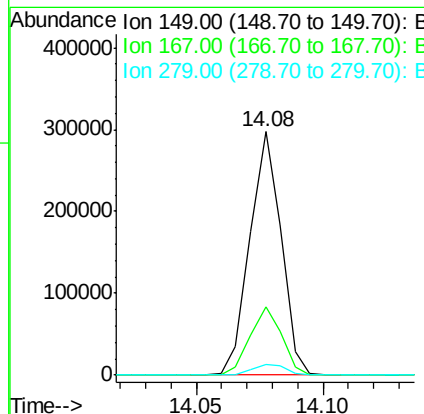
RT: 14.08 min Scan# 1996

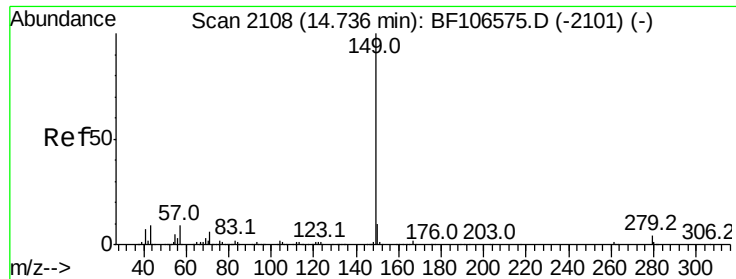
Delta R.T. -0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	149	Resp:	255517
Ion Ratio	Lower	Upper	
149	100		
167	27.9	21.3	31.9
279	4.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 61.746 ng

RT: 14.70 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Instrument :

BNA_F

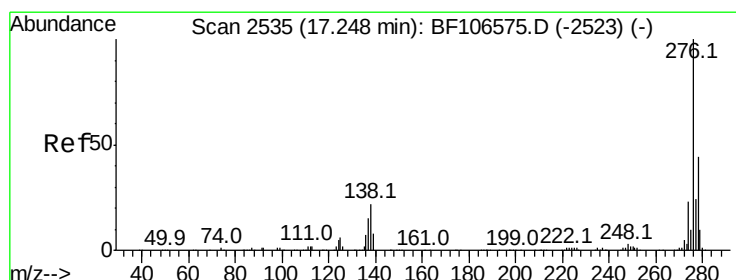
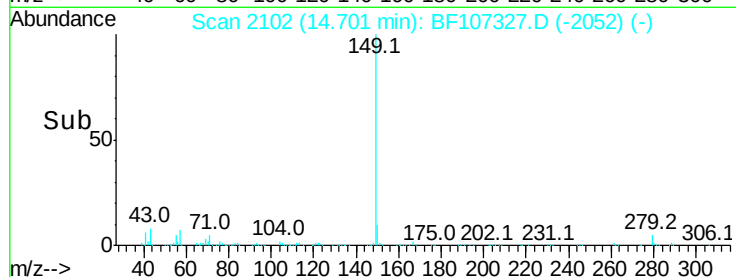
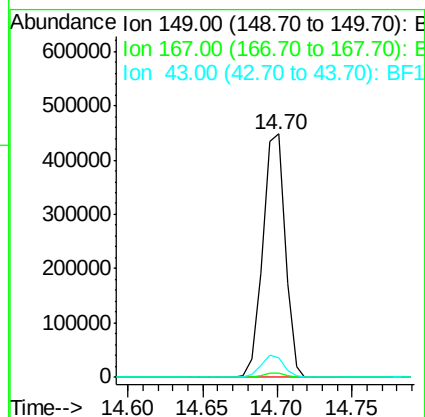
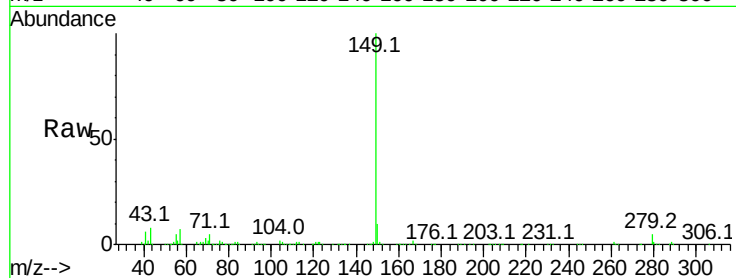
ClientSampleId :

PB111003BSD

Tot Ion:	149	Resp:	461309
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.9	8.4	12.6

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.296 ng

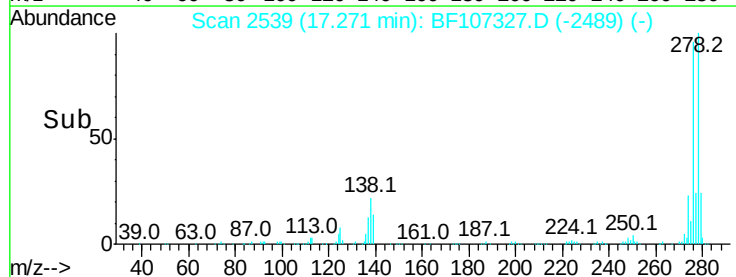
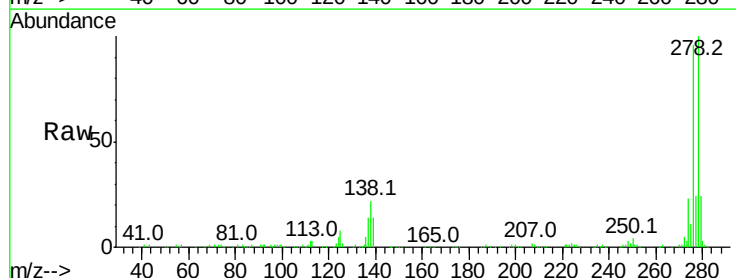
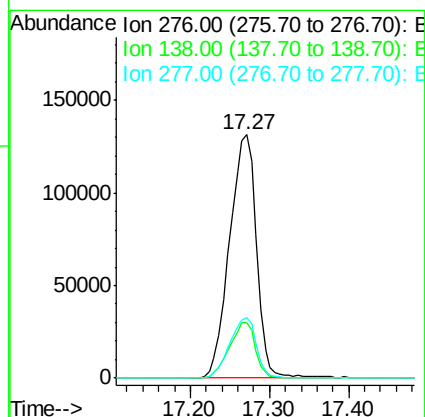
RT: 17.27 min Scan# 2539

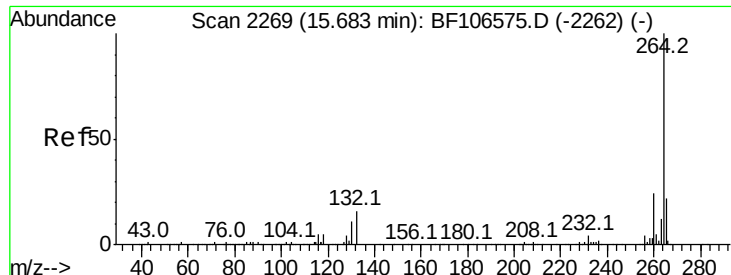
Delta R.T. -0.01 min

Lab File: BF107327.D

Acq: 12 Jul 2018 4:00

Tgt Ion:	276	Resp:	310165
Ion Ratio	Lower	Upper	
276	100		
138	21.9	25.0	37.6#
277	24.8	20.1	30.1





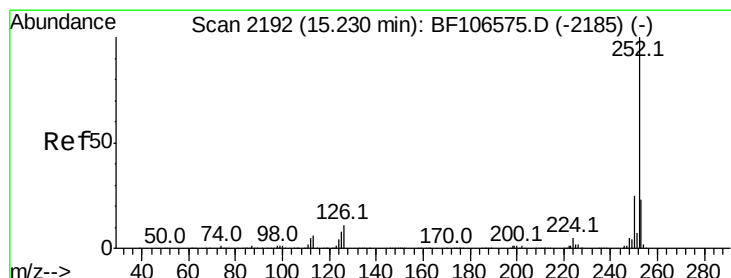
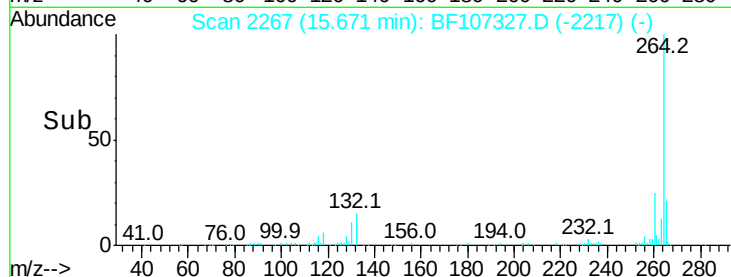
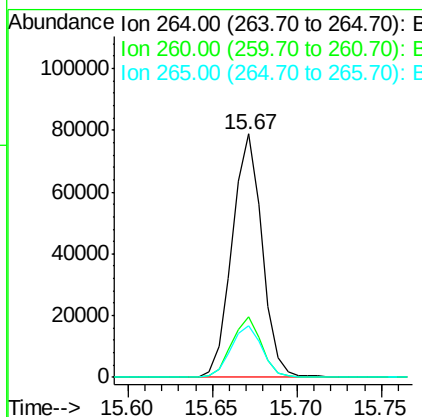
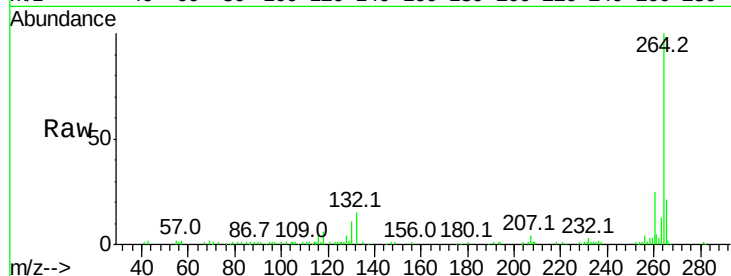
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.1	17.5	26.3

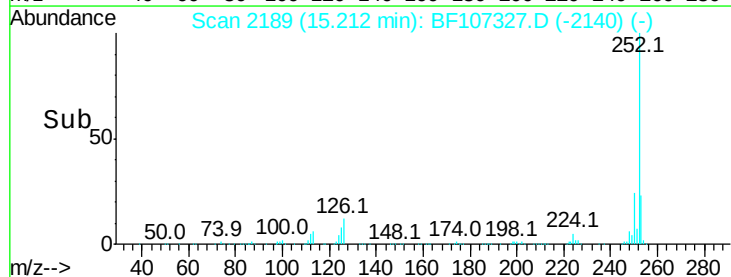
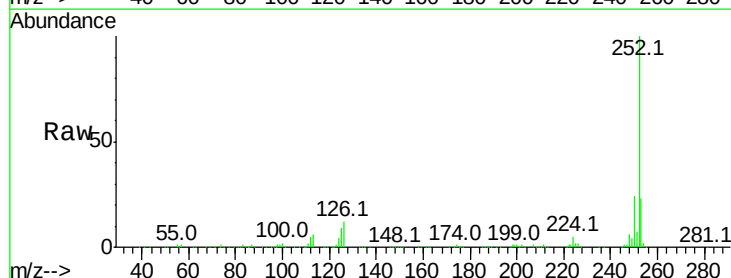
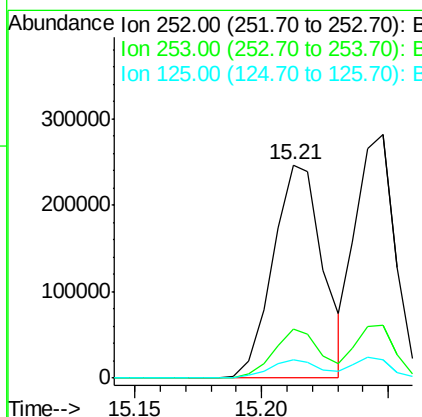
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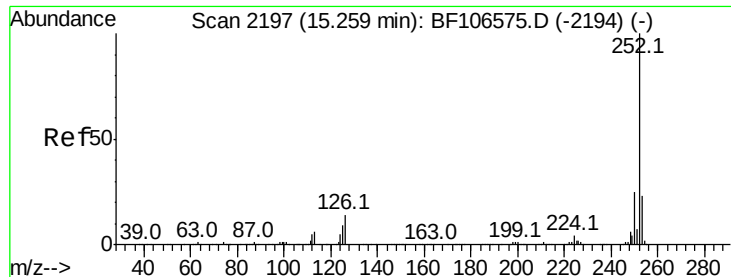
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#87
Benzo(b)fluoranthene
Concen: 56.251 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	8.6	9.0	13.6





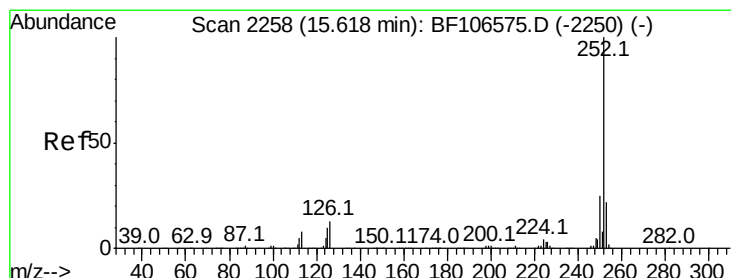
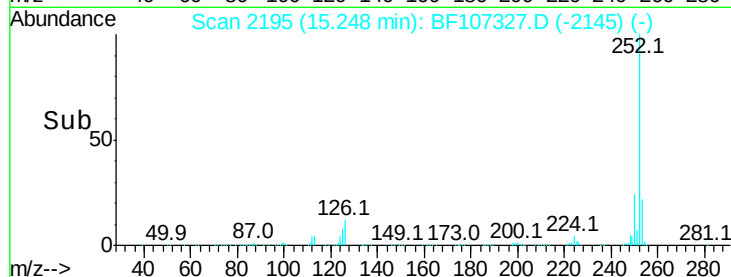
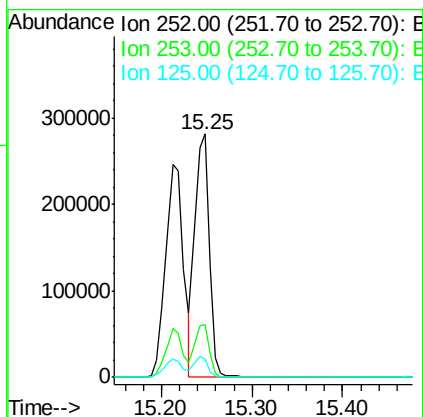
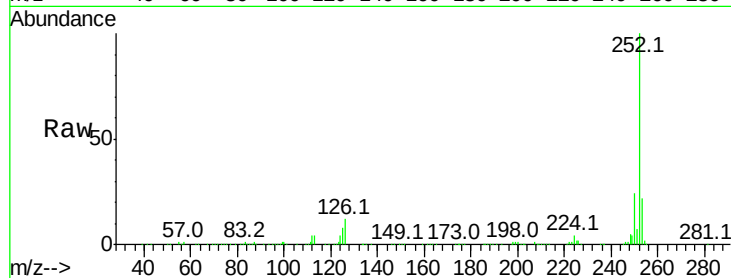
#88
Benzo(k)fluoranthene
Concen: 53.712 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.6	10.2	15.2

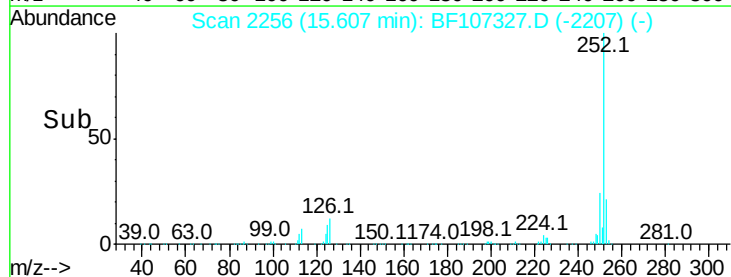
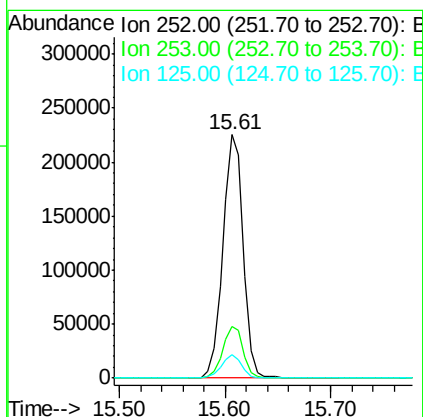
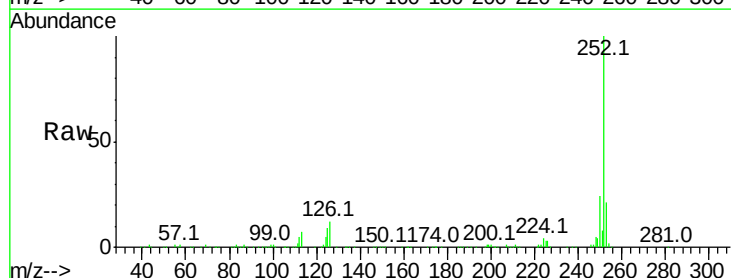
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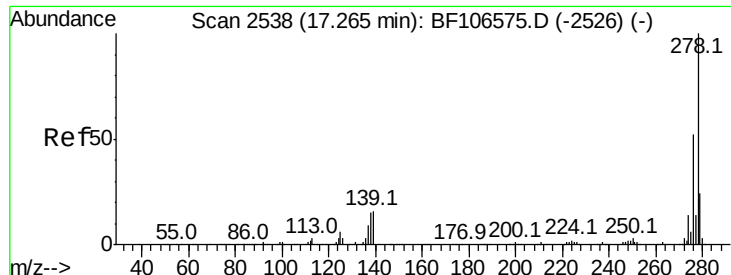
Sohil
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#89
Benzo(a)pyrene
Concen: 56.187 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.5	9.8	14.6





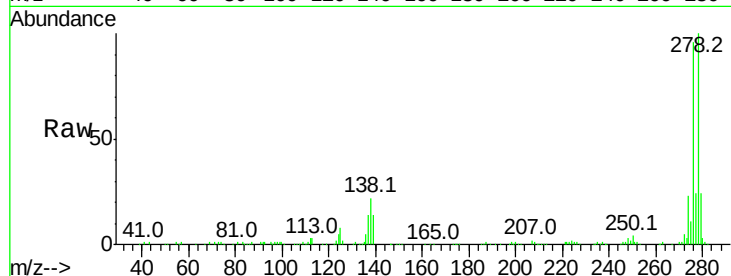
#90
Dibenzo(a,h)anthracene
Concen: 57.783 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Instrument :
BNA_F
ClientSampleId :
PB111003BSD

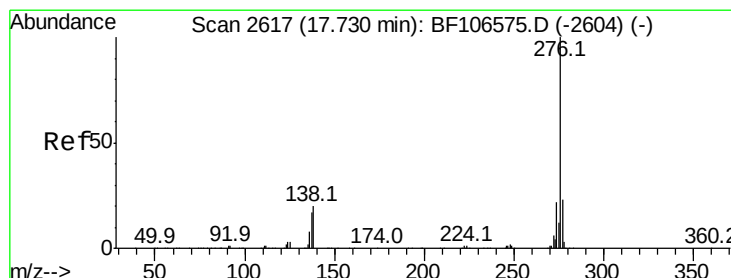
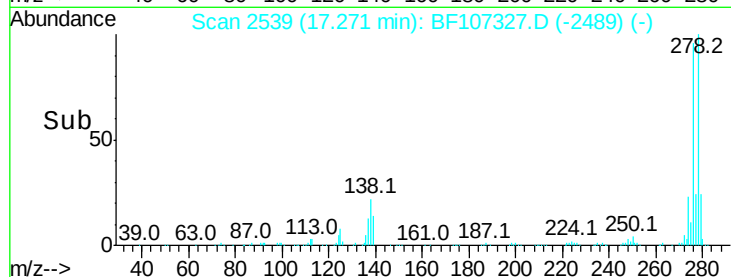
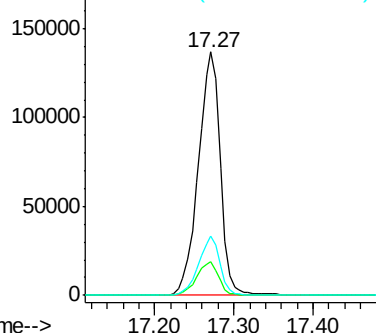
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9#
279	24.2	19.0	28.4

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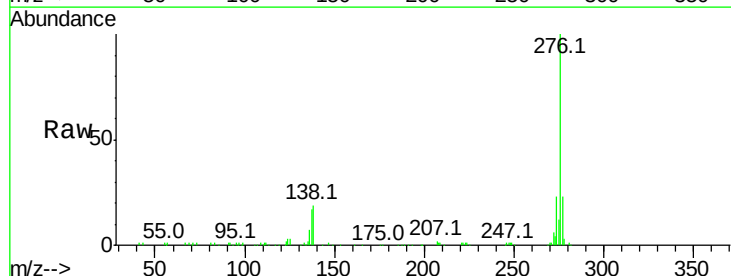


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 59.452 ng
RT: 17.75 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF107327.D
Acq: 12 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	18.5	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

