

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108041.D
 Acq On : 9 Aug 2018 10:04
 Operator : JU/SJ
 Sample : PB111850BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:10 PM

Quant Time: Aug 09 14:46:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	258476	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1023157	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	536390	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	1119281	20.00	ng	0.00
75) Chrysene-d12	14.22	240	971617	20.00	ng	0.00
86) Perylene-d12	15.78	264	744328	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1897524	132.91	ng	0.01
7) Phenol-d6	6.64	99	2521604	132.91	ng	0.00
23) Nitrobenzene-d5	7.58	82	1667721	90.95	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	776477	145.13	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	3005450	89.96	ng	0.00
78) Terphenyl-d14	13.15	244	3571637	93.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.98	88	294544	40.151	ng	# 87
3) Pyridine	3.73	79	813031	43.023	ng	# 83
4) n-Nitrosodimethylamine	3.69	42	498655	46.895	ng	83
6) Aniline	6.68	93	939041	36.388	ng	94
8) 2-Chlorophenol	6.80	128	784755	48.804	ng	95
9) Benzaldehyde	6.57	77	383379	26.064	ng	94
10) Phenol	6.65	94	951549	48.488	ng	88
11) bis(2-Chloroethyl)ether	6.75	93	753099	47.468	ng	91
12) 1,3-Dichlorobenzene	6.95	146	875525	47.091	ng	97
13) 1,4-Dichlorobenzene	7.03	146	881152	47.171	ng	98
14) 1,2-Dichlorobenzene	7.18	146	825059	47.484	ng	98
15) Benzyl Alcohol	7.15	79	793295	49.669	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1529558	46.798	ng	96
17) 2-Methylphenol	7.25	107	687528	49.860	ng	95
18) Hexachloroethane	7.53	117	322011	48.420	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	602992	47.000	ng	# 85
20) 3+4-Methylphenols	7.41	107	862351	48.802	ng	# 87
22) Acetophenone	7.42	105	1127872	47.144	ng	# 92
24) Nitrobenzene	7.60	77	898750	48.473	ng	96
25) Isophorone	7.83	82	1627163	46.559	ng	97
26) 2-Nitrophenol	7.91	139	381428	54.474	ng	87
27) 2,4-Dimethylphenol	7.94	122	765363	49.343	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	964754	47.287	ng	99
29) 2,4-Dichlorophenol	8.15	162	719265	50.389	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	754783	47.959	ng	98
31) Naphthalene	8.32	128	2218693	47.682	ng	98
32) Benzoic acid	8.05	122	299827	35.139	ng	90
33) 4-Chloroaniline	8.36	127	669215	33.002	ng	96
34) Hexachlorobutadiene	8.43	225	477829	47.960	ng	97
35) Caprolactam	8.74	113	255492m	57.116	ng	
36) 4-Chloro-3-methylphenol	8.84	107	771600	50.107	ng	96
37) 2-Methylnaphthalene	9.01	142	1562079	47.449	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	768780	46.672	ng	98
40) Hexachlorocyclopentadiene	9.17	237	954150	89.681	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108041.D
 Acq On : 9 Aug 2018 10:04
 Operator : JU/SJ
 Sample : PB111850BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

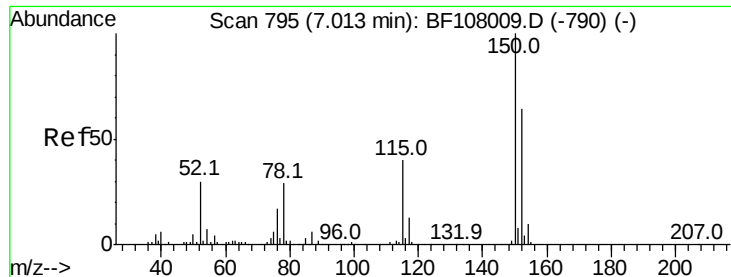
Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:10 PM

Quant Time: Aug 09 14:46:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	528877	51.741	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	586279	52.103	nq	97
45) 1,1'-Biphenyl	9.48	154	1883392	47.623	nq	97
46) 2-Chloronaphthalene	9.51	162	1492085	47.736	nq	99
47) 2-Nitroaniline	9.60	65	533774	52.777	nq	88
48) Acenaphthylene	9.92	152	2340153	47.357	nq	96
49) Dimethylphthalate	9.78	163	1802747	48.248	nq #	97
50) 2,6-Dinitrotoluene	9.84	165	405028	51.812	nq	93
51) Acenaphthene	10.10	154	1532723	50.641	nq	96
52) 3-Nitroaniline	10.01	138	354382	41.433	nq	94
53) 2,4-Dinitrophenol	10.12	184	252912	85.883	nq #	21
54) Dibenzofuran	10.27	168	2060958	47.000	nq	92
55) 4-Nitrophenol	10.17	139	675001	104.218	nq #	78
56) 2,4-Dinitrotoluene	10.25	165	545527	54.215	nq #	93
57) Fluorene	10.62	166	1645403	47.401	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	493569	52.480	nq #	87
59) Diethylphthalate	10.48	149	1756228	48.540	nq	94
60) 4-Chlorophenyl-phenylether	10.60	204	847321	46.845	nq	96
61) 4-Nitroaniline	10.64	138	452126	53.467	nq	89
62) Azobenzene	10.77	77	1764536	47.224	nq	91
64) 4,6-Dinitro-2-methylphenol	10.66	198	193934	46.357	nq	80
65) n-Nitrosodiphenylamine	10.72	169	1515694	45.825	nq	99
66) 4-Bromophenyl-phenylether	11.10	248	564499	46.409	nq	92
67) Hexachlorobenzene	11.17	284	591693	46.233	nq #	87
68) Atrazine	11.25	200	525035	47.327	nq	97
69) Pentachlorophenol	11.36	266	604881	98.745	nq	97
70) Phenanthrene	11.59	178	2409697	45.645	nq	95
71) Anthracene	11.64	178	2455469	45.380	nq	95
72) Carbazole	11.79	167	2274508	47.313	nq	95
73) Di-n-butylphthalate	12.11	149	2562584	47.061	nq #	97
74) Fluoranthene	12.78	202	2691725	46.718	nq	93
76) Benzidine	12.90	184	1182724	32.580	nq	98
77) Pyrene	13.01	202	2720050	44.219	nq	93
79) Butylbenzylphthalate	13.62	149	1260581	51.608	nq	92
80) Benzo(a)anthracene	14.21	228	2600183	46.631	nq	94
81) 3,3'-Dichlorobenzidine	14.17	252	762580	38.161	nq #	97
82) Chrysene	14.25	228	2344235	45.856	nq	93
83) Bis(2-ethylhexyl)phthalate	14.18	149	1625851	49.153	nq #	95
84) Di-n-octyl phthalate	14.80	149	2517614	49.907	nq #	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	2118702	47.832	nq #	91
87) Benzo(b)fluoranthene	15.31	252	2313404	52.014	nq	94
88) Benzo(k)fluoranthene	15.34	252	2004166	49.020	nq #	95
89) Benzo(a)pyrene	15.71	252	1976800	49.634	nq #	95
90) Dibenzo(a,h)anthracene	17.42	278	1767302	53.630	nq #	93
91) Benzo(g,h,i)perylene	17.90	276	1799206	55.447	nq #	89

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



#1

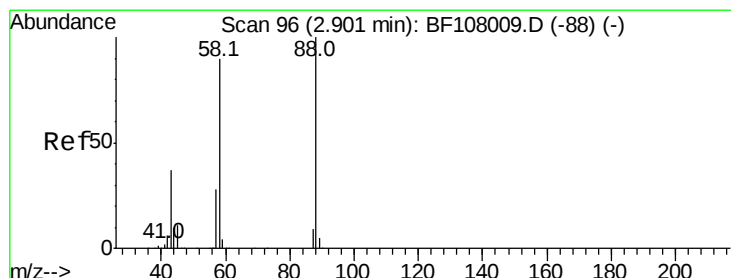
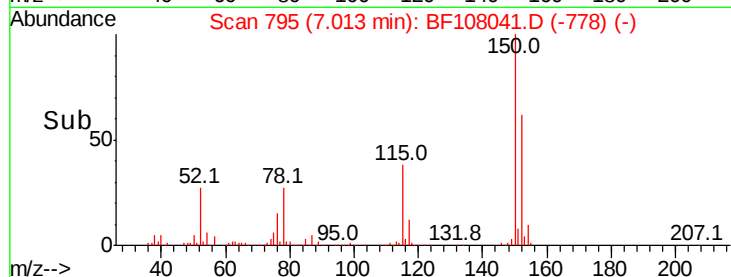
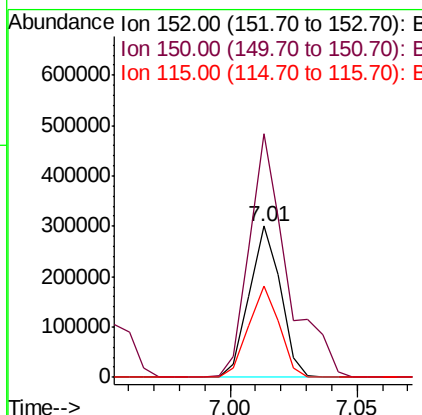
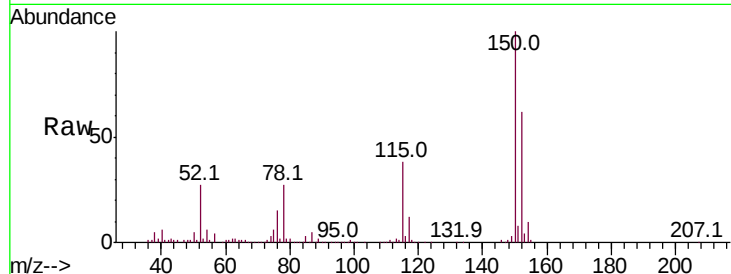
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
APPROVED

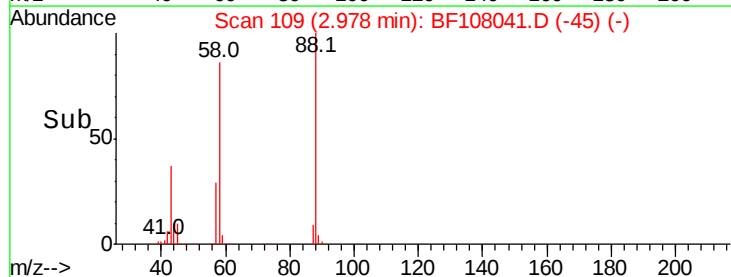
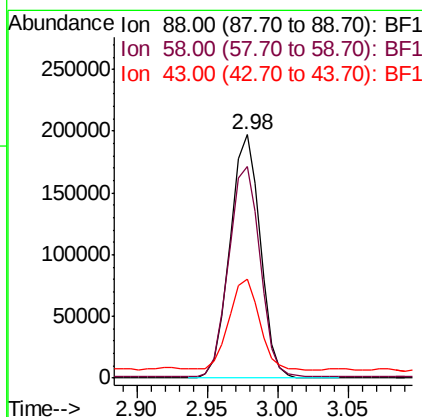
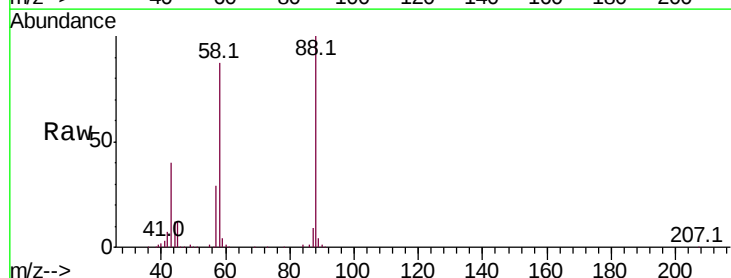
Sohil
8/10/2018 12:13:10 PM

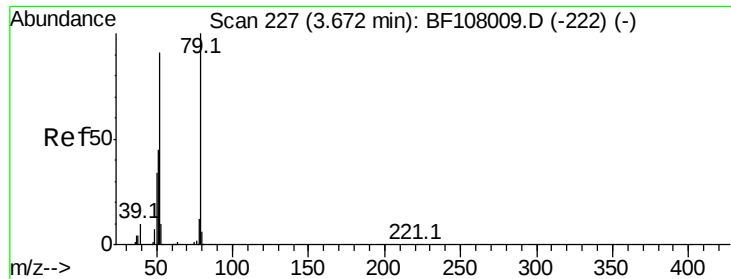


#2

1,4-Dioxane
Concen: 40.151 ng
RT: 2.98 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.5	62.6	93.8
43	37.3	24.6	37.0#





#3

Pvridine

Concen: 43.023 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

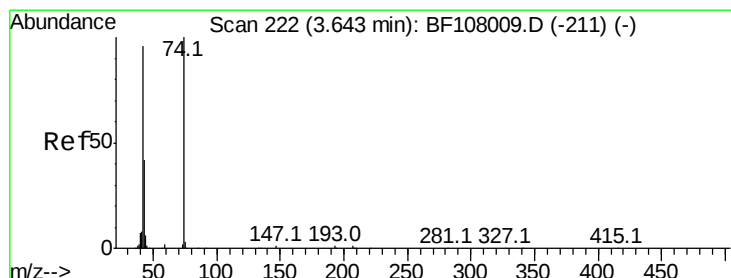
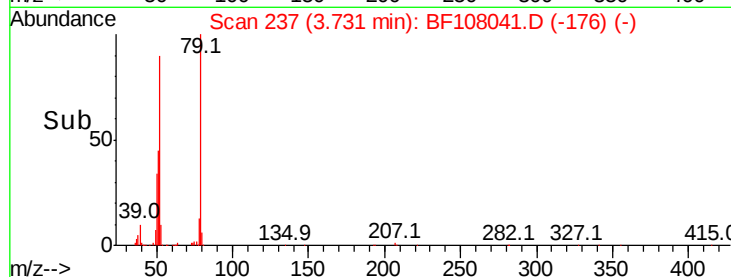
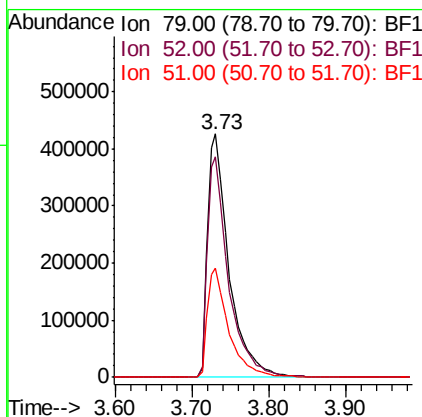
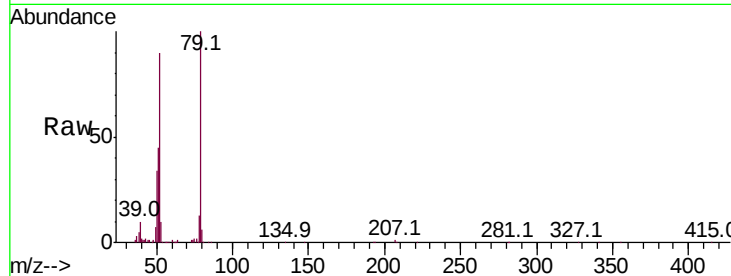
ClientSampleId :

PB111850BS

Tot Ion:	79	Resp:	813031
Ion Ratio	Lower	Upper	
79	100		
52	90.4	59.8	89.6#
51	45.0	29.8	44.8#

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#4

n-Nitrosodimethylamine

Concen: 46.895 ng

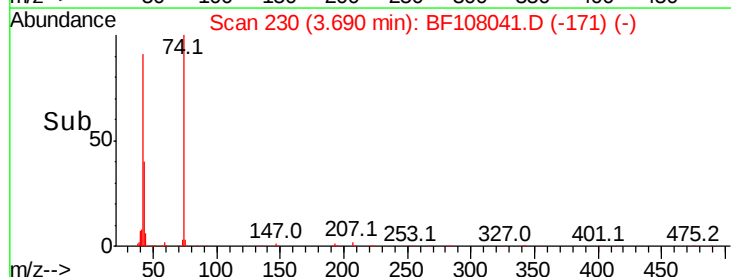
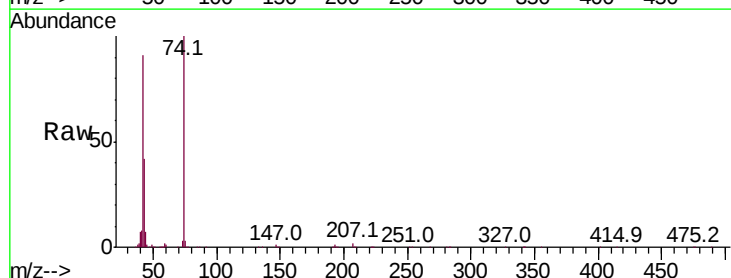
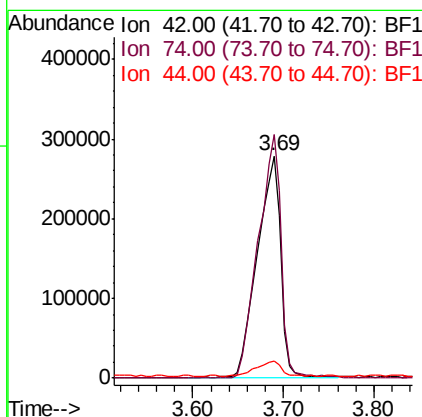
RT: 3.69 min Scan# 230

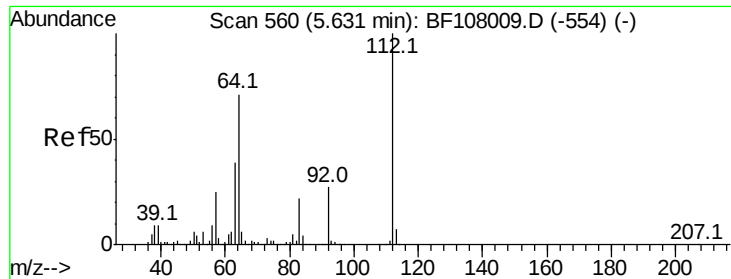
Delta R.T. 0.05 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion:	42	Resp:	498655
Ion Ratio	Lower	Upper	
42	100		
74	109.6	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 132.909 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion:112 Resp: 1897524

Ion Ratio Lower Upper

112 100

64 74.3 47.9 71.9#

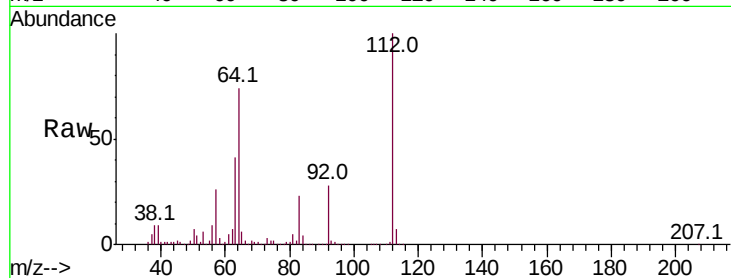
63 40.9 23.7 35.5#

Manual Integrations

APPROVED

Sohil

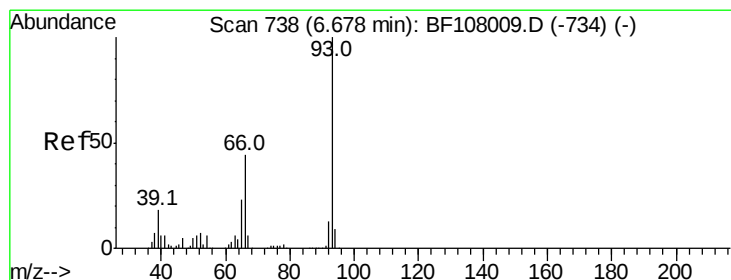
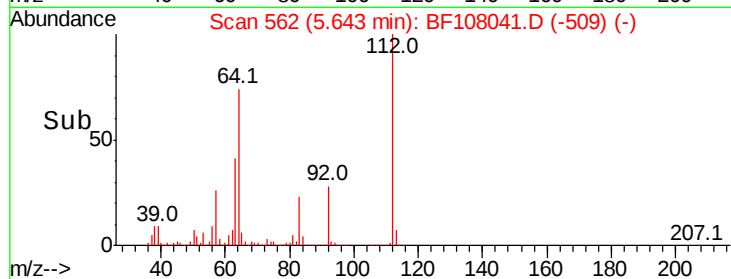
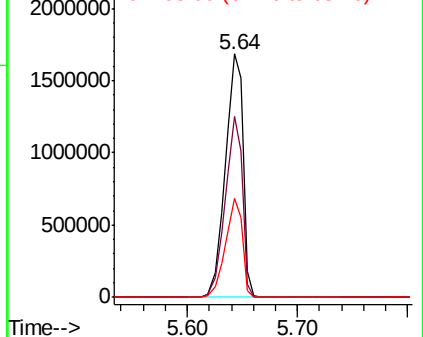
8/10/2018 12:13:10 PM



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: 36.388 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

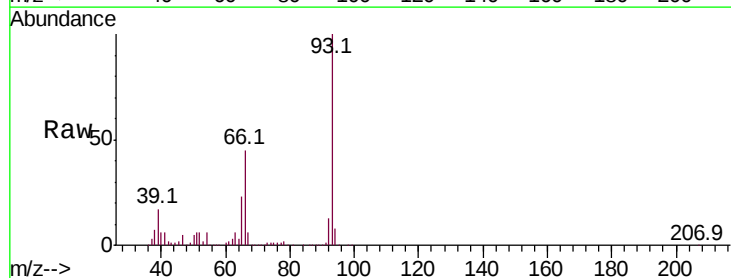
Tgt Ion: 93 Resp: 939041

Ion Ratio Lower Upper

93 100

66 44.5 32.2 48.2

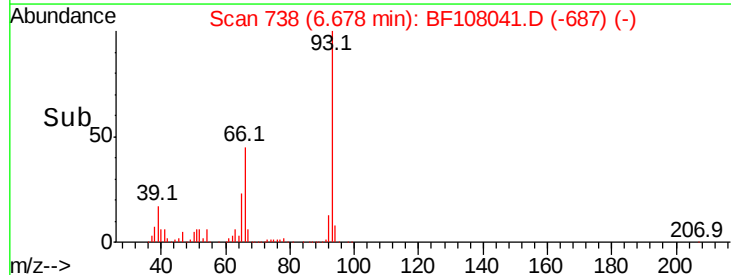
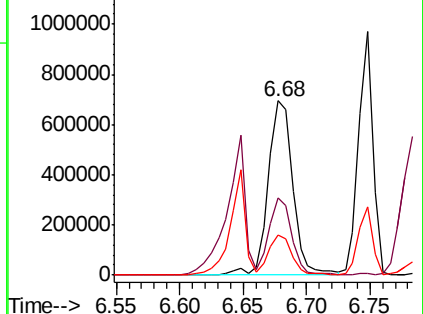
65 22.8 16.4 24.6

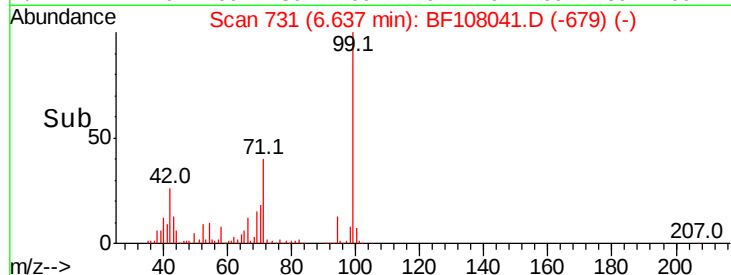
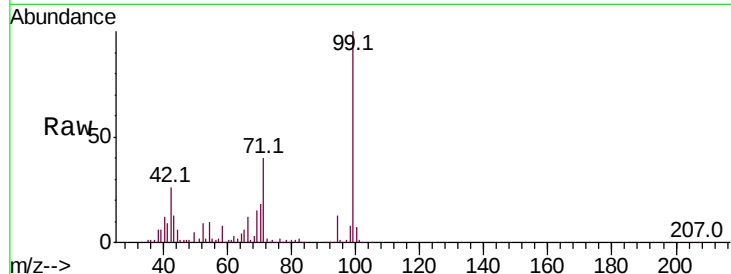
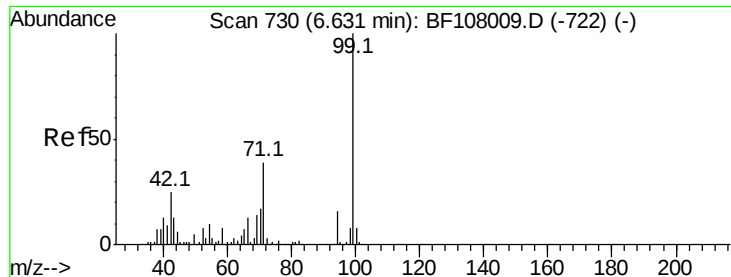


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.912 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tot Ion: 99 Resp: 2521604

Ion Ratio Lower Upper

99 100

42 26.1 14.5 21.7#

71 39.8 25.4 38.0#

Instrument :

BNA_F

ClientSampleId :

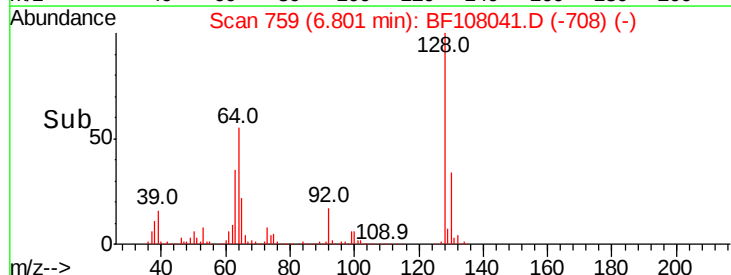
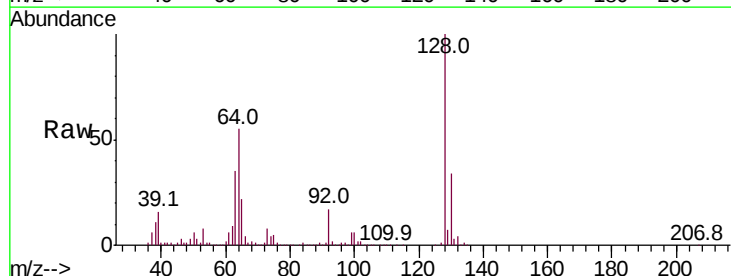
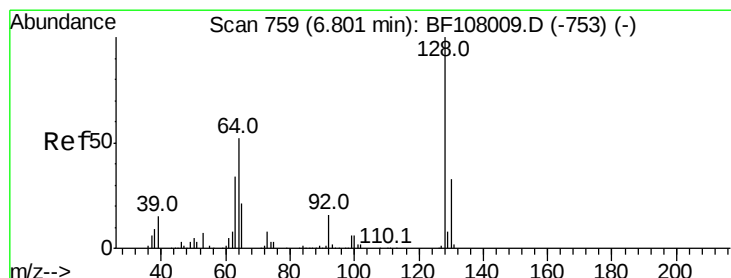
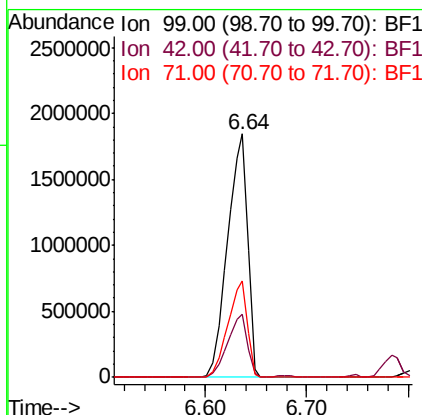
PB111850BS

Manual Integrations

APPROVED

Sohil

8/10/2018 12:13:10 PM



#8

2-Chlorophenol

Concen: 48.804 ng

RT: 6.80 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

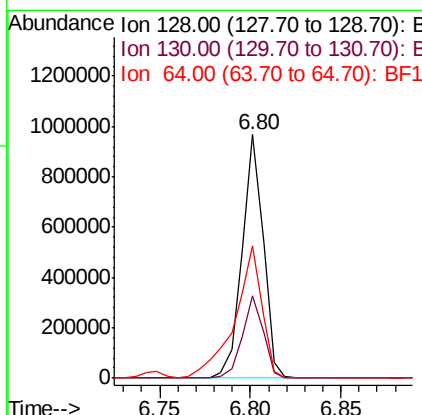
Tgt Ion:128 Resp: 784755

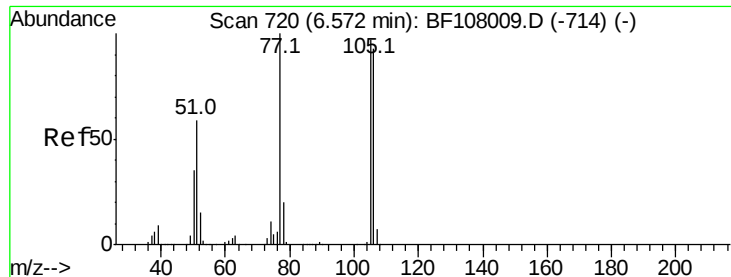
Ion Ratio Lower Upper

128 100

130 33.8 13.0 53.0

64 54.6 29.4 69.4





#9

Benzaldehyde

Concen: 26.064 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion: 77 Resp: 383379

Ion Ratio Lower Upper

77 100

105 94.7 81.1 121.1

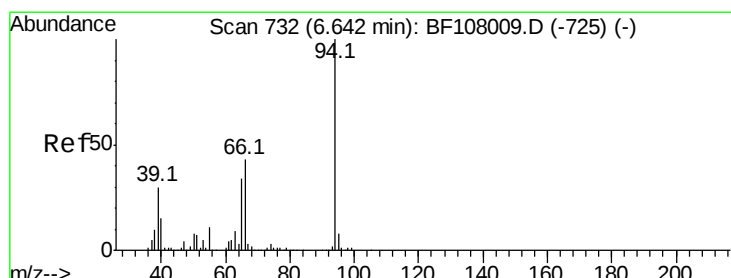
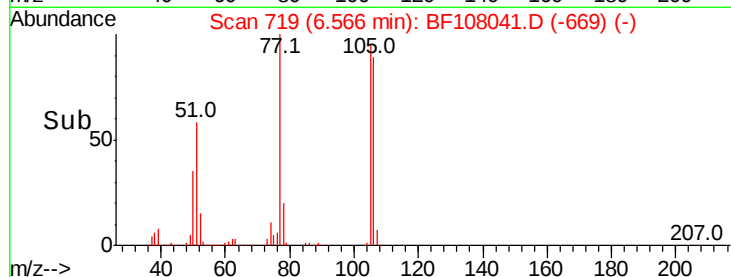
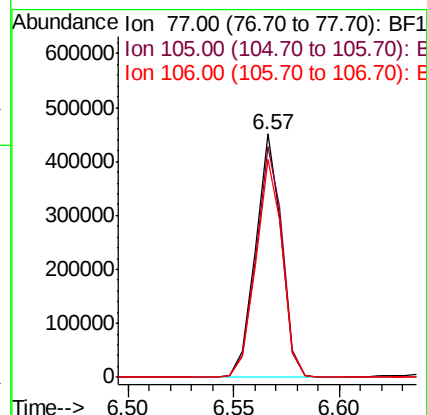
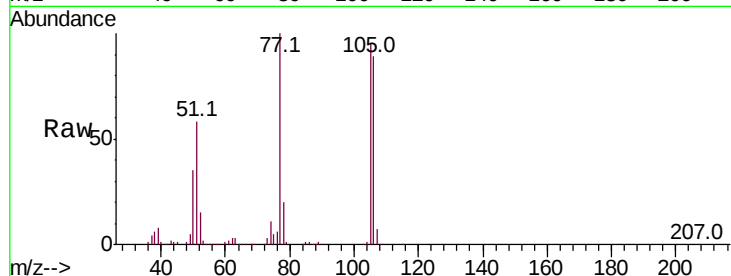
106 89.4 74.5 114.5

Manual Integrations

APPROVED

Sohil

8/10/2018 12:13:10 PM



#10

Phenol

Concen: 48.488 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

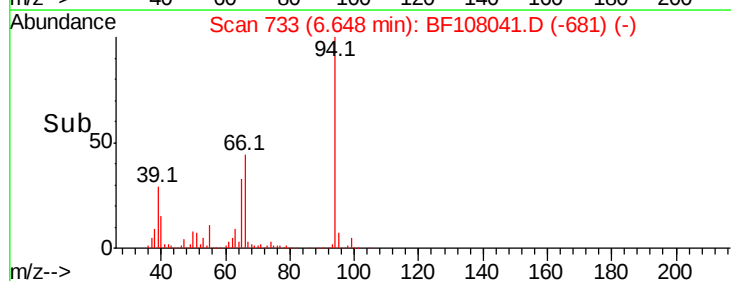
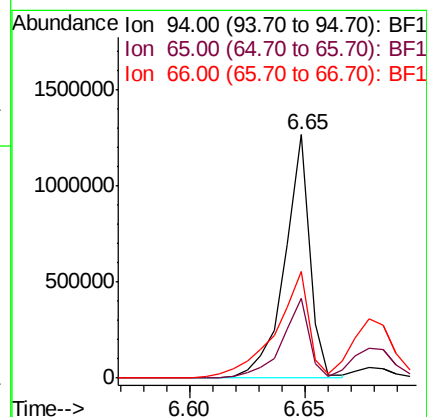
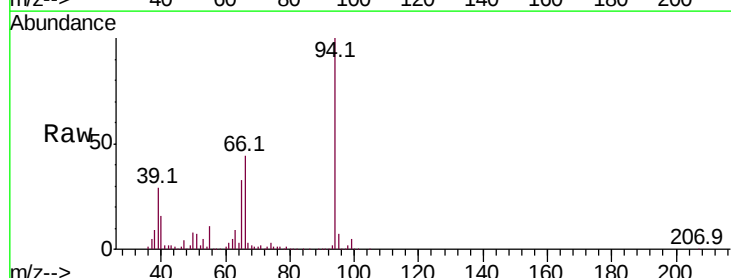
Tgt Ion: 94 Resp: 951549

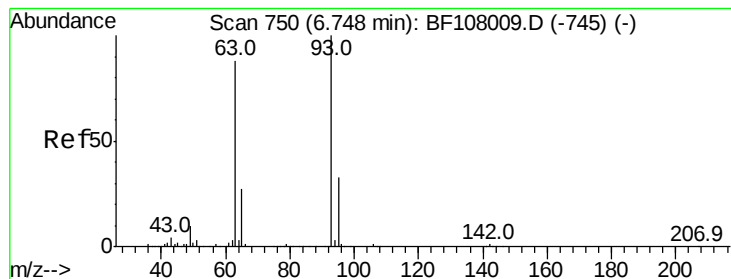
Ion Ratio Lower Upper

94 100

65 33.0 7.9 47.9

66 43.9 16.2 56.2





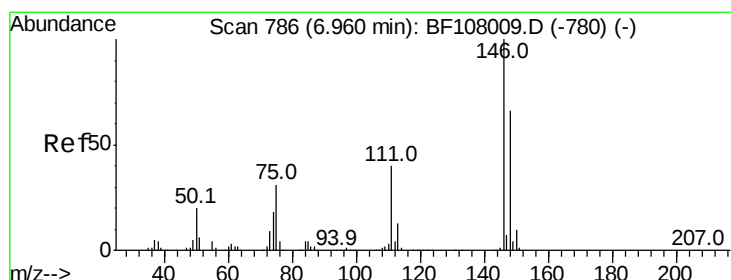
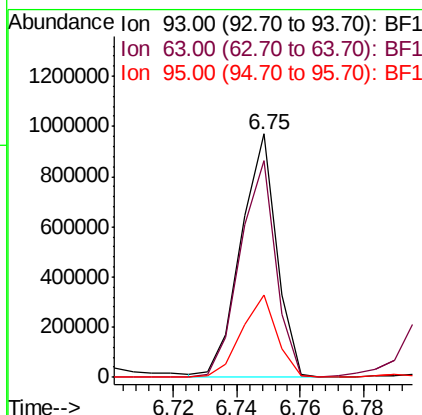
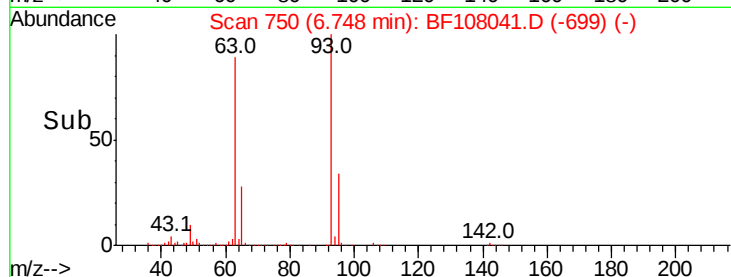
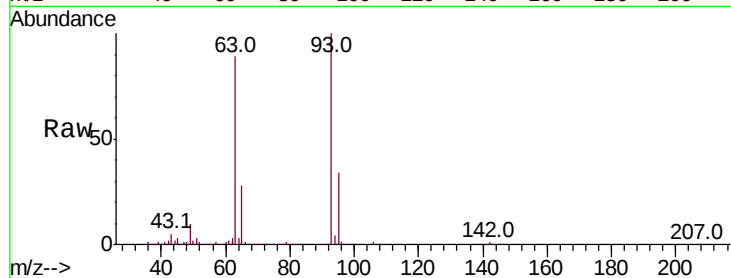
#11
bis(2-Chloroethyl)ether
Concen: 47.468 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	58.6	98.6
95	33.9	11.8	51.8

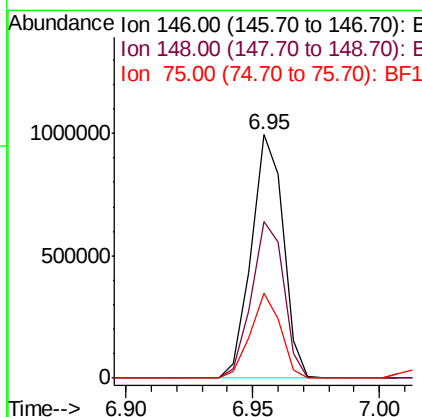
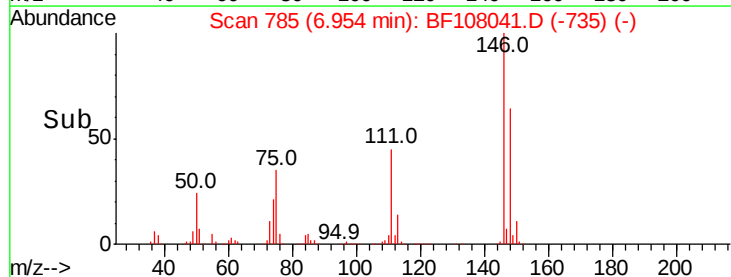
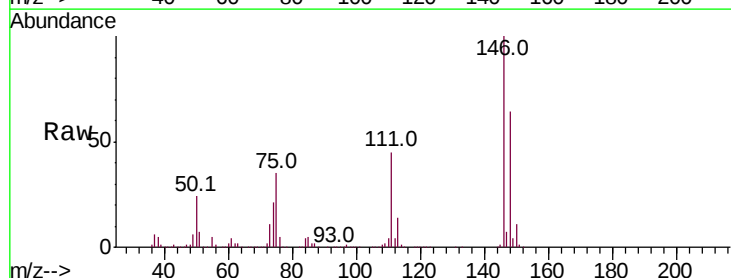
Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#12
1,3-Dichlorobenzene
Concen: 47.091 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	34.7	24.2	36.4





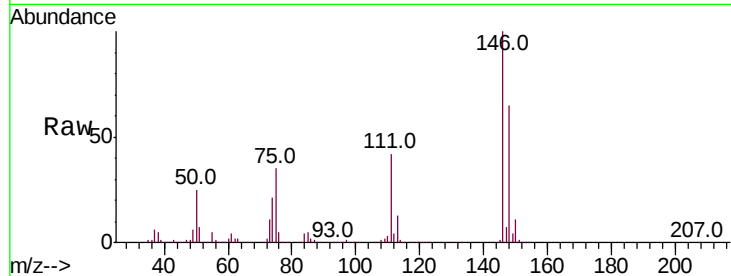
#13
 1,4-Dichlorobenzene
 Concen: 47.171 ng
 RT: 7.03 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampled :
 PB111850BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	42.1	34.2	51.2

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:10 PM

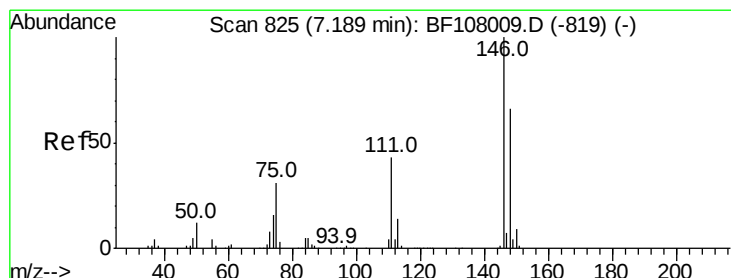
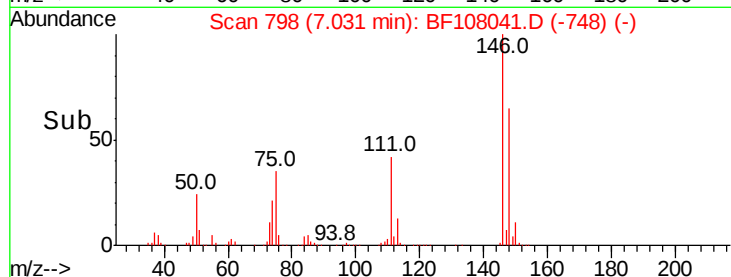
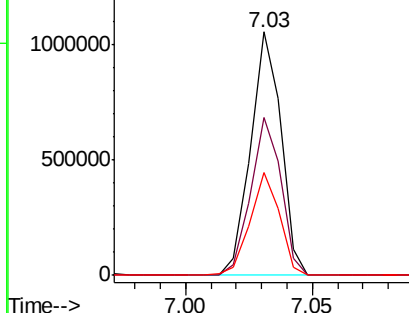


Abundance

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: 47.484 ng
 RT: 7.18 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

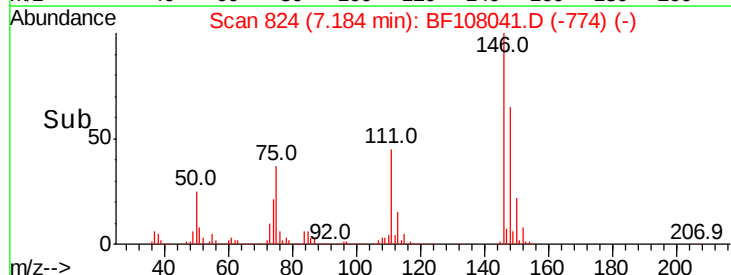
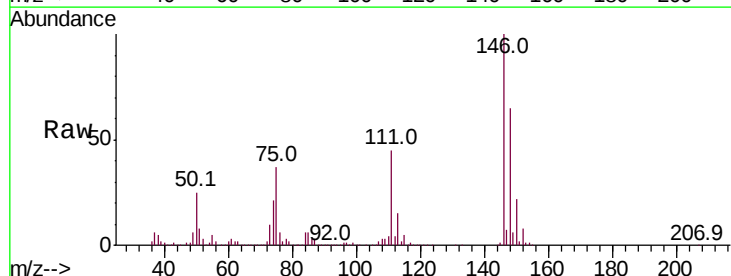
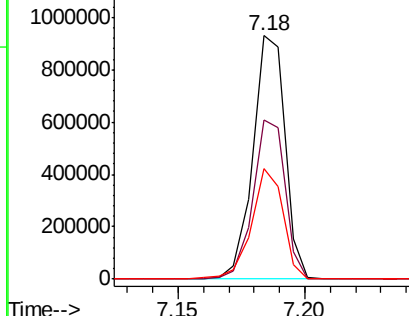
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	75.8
111	45.1	36.0	54.0

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: 49.669 ng

RT: 7.15 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

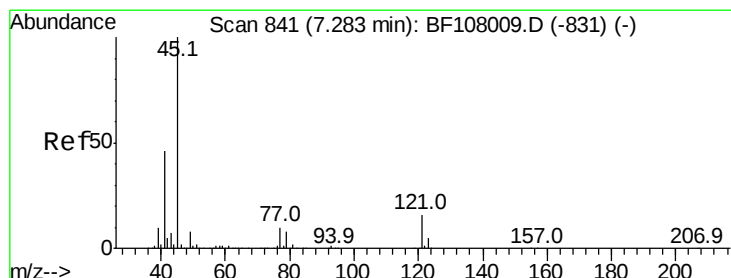
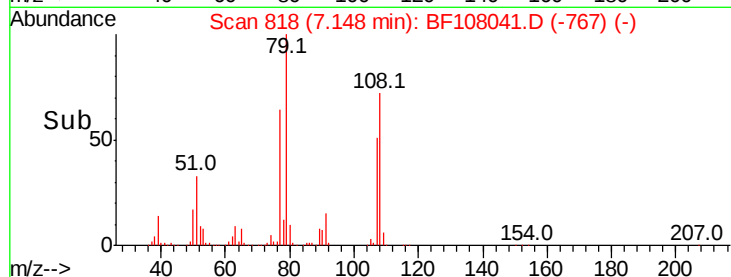
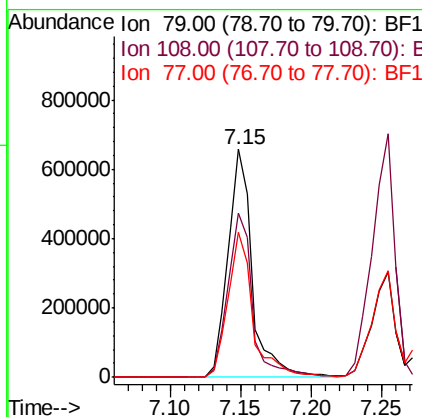
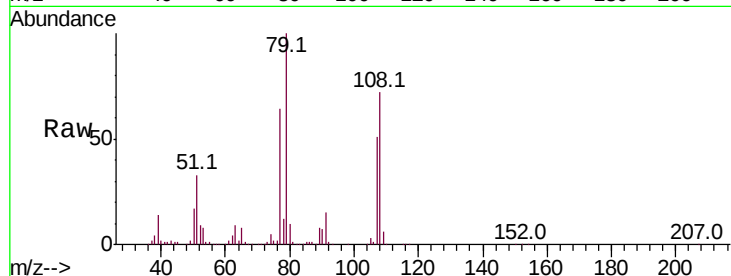
ClientSampleId :

PB111850BS

Tot Ion:	79	Resp:	793295
Ion Ratio	Lower	Upper	
79	100		
108	72.3	65.1	97.7
77	63.8	50.6	75.8

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.798 ng

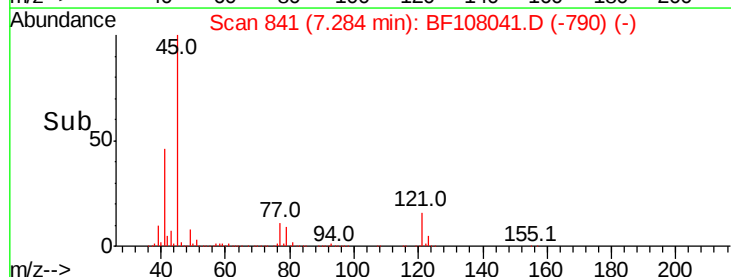
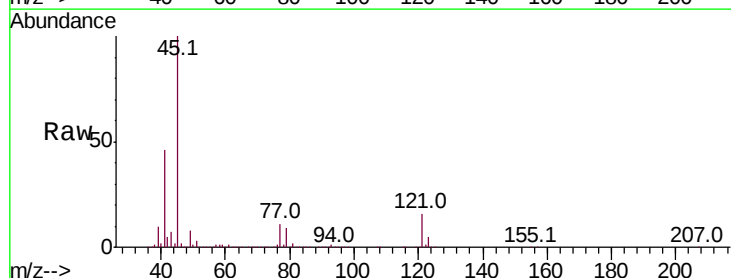
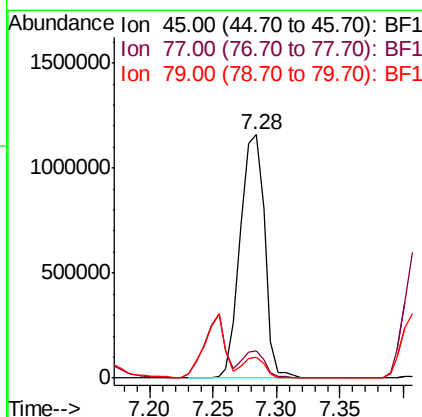
RT: 7.28 min Scan# 841

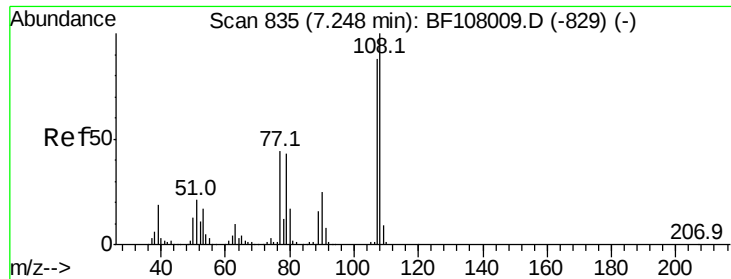
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion:	45	Resp:	1529558
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	32.9
79	8.7	0.0	29.6





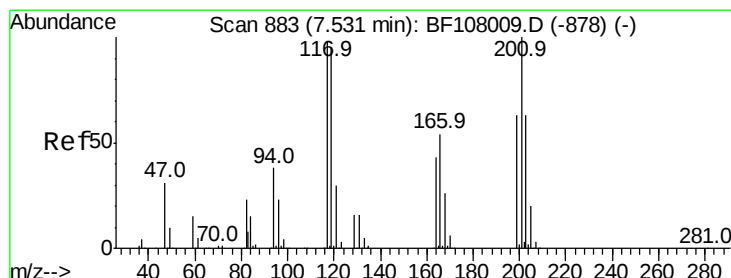
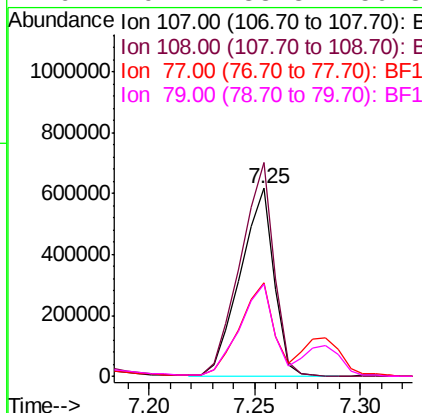
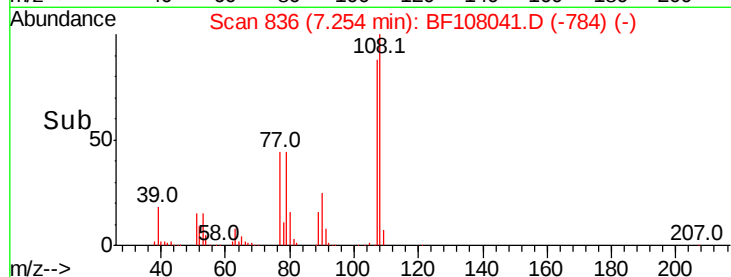
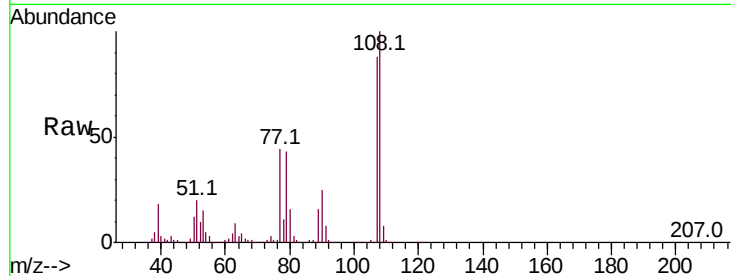
#17
2-Methylphenol
Concen: 49.860 ng
RT: 7.25 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleID :
PB111850BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	49.8	33.8	50.8	
79	49.2	33.8	50.8	

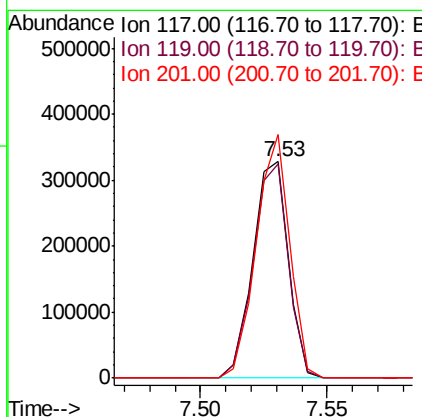
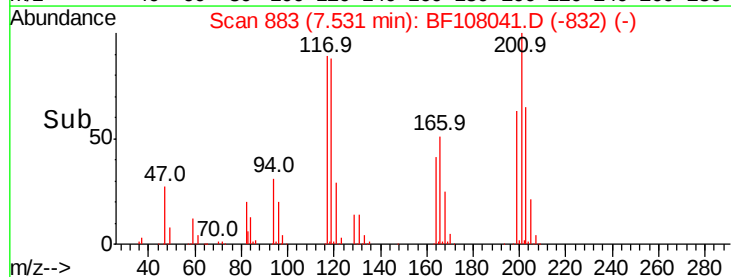
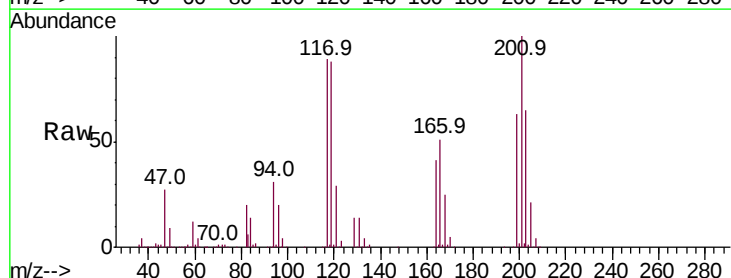
Manual Integrations
APPROVED

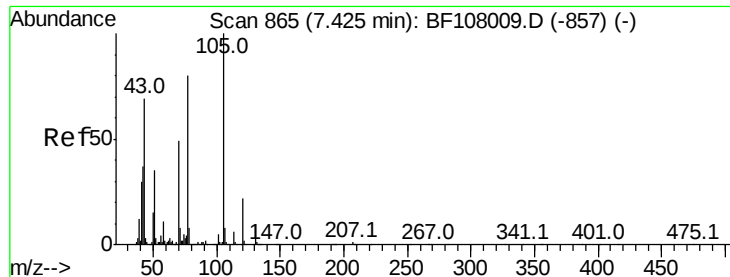
Sohil
8/10/2018 12:13:10 PM



#18
Hexachloroethane
Concen: 48.420 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.1	75.8	113.8	
201	112.5	75.7	113.5	





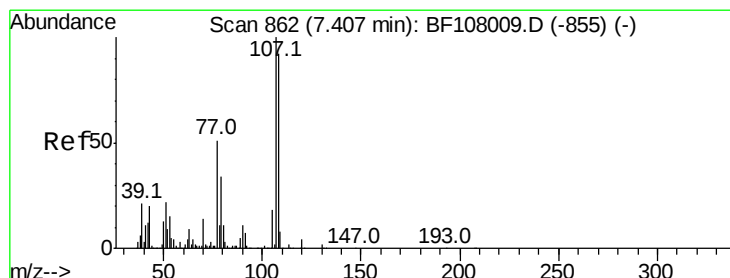
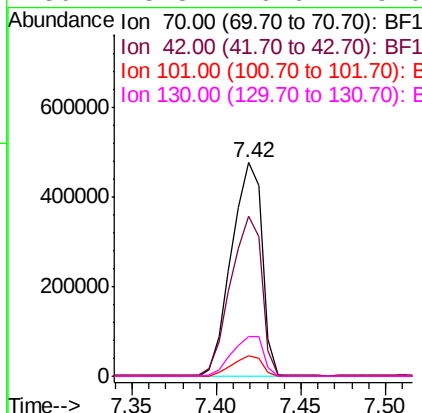
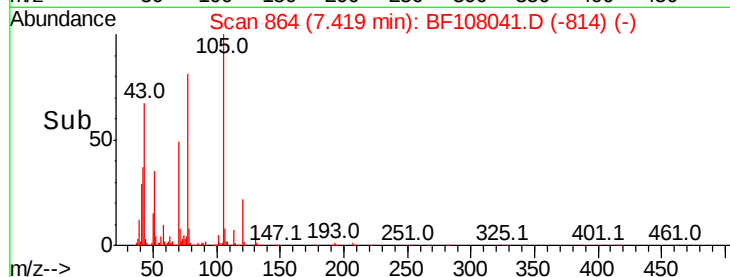
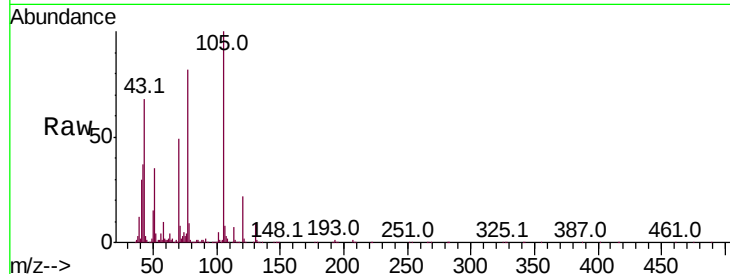
#19
n-Nitroso-di-n-propylamine
Concen: 47.000 ng
RT: 7.42 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.1	47.5	71.3#	
101	9.7	7.4	11.2	
130	18.3	16.6	25.0	

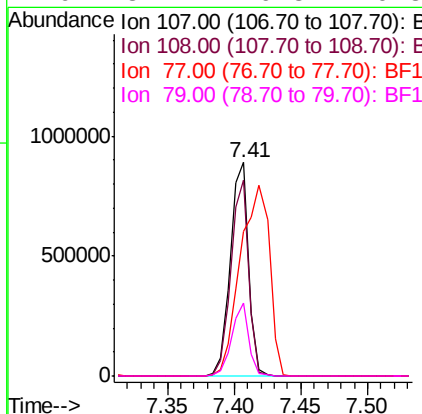
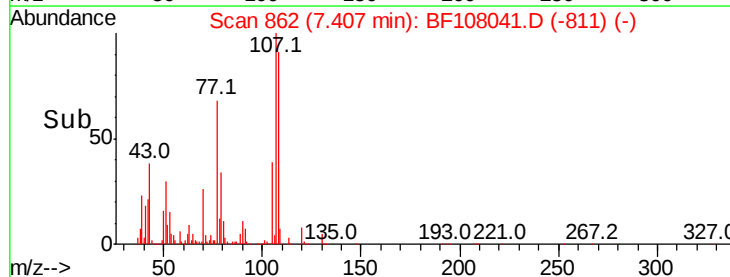
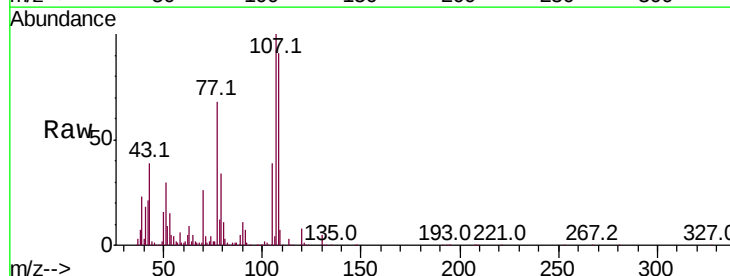
Manual Integrations
APPROVED

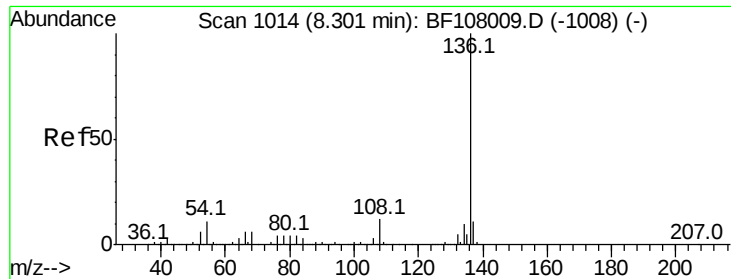
Sohil
8/10/2018 12:13:10 PM



#20
3+4-Methylphenols
Concen: 48.802 ng
RT: 7.41 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	68.2	108.2	
77	67.5	26.7	66.7#	
79	34.2	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

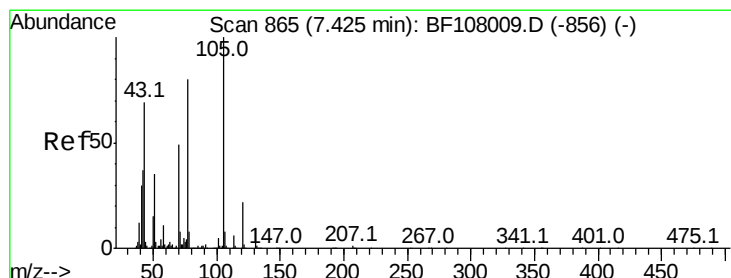
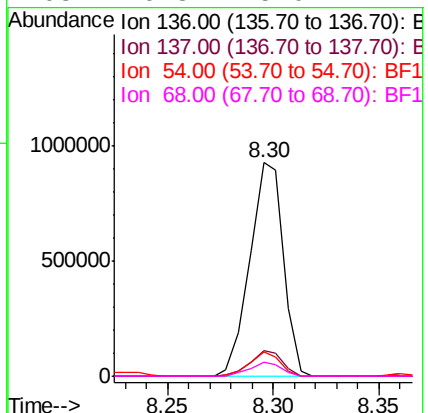
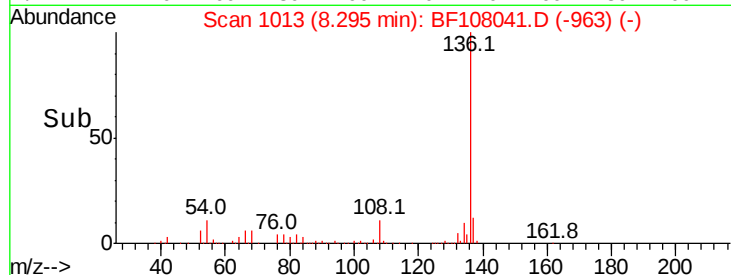
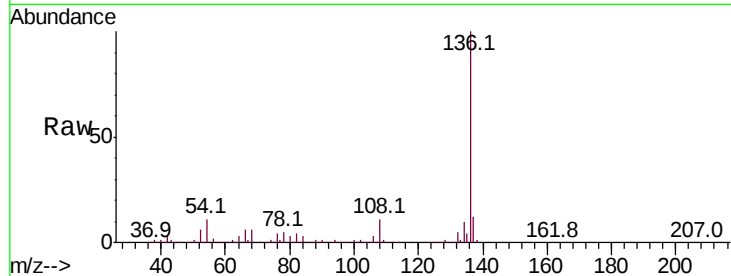
ClientSampleId :

PB111850BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.1	6.6	9.8#
68	6.3	5.0	7.4

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#22

Acetophenone

Concen: 47.144 ng

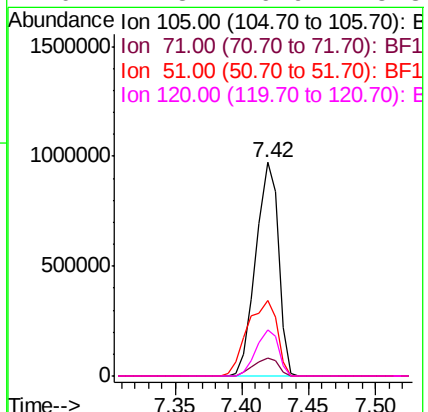
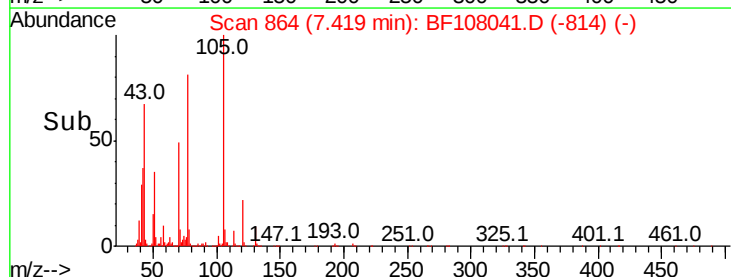
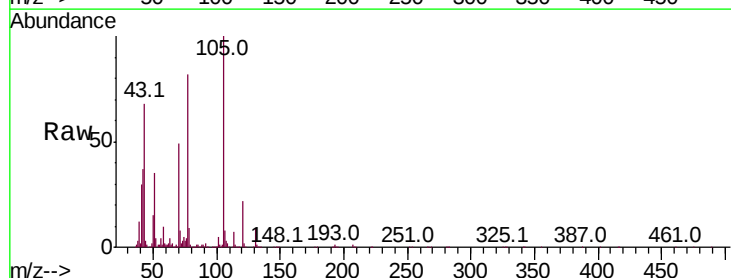
RT: 7.42 min Scan# 864

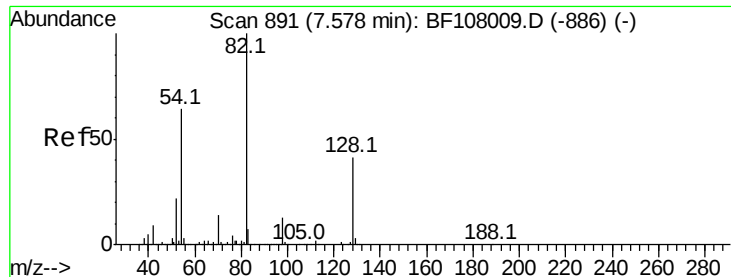
Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.4	6.6#
51	35.2	22.3	33.5#
120	21.8	16.9	25.3





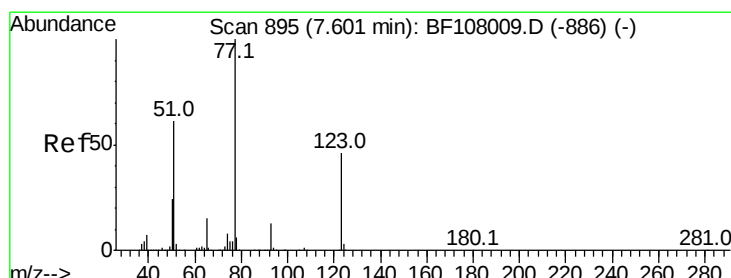
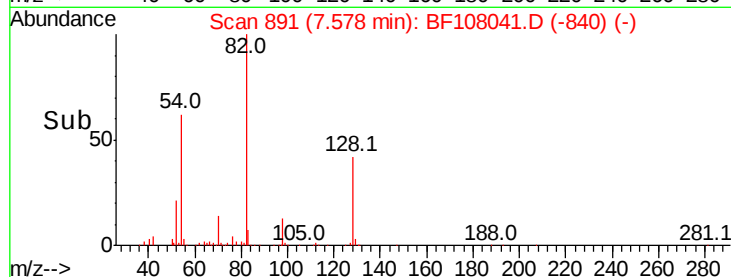
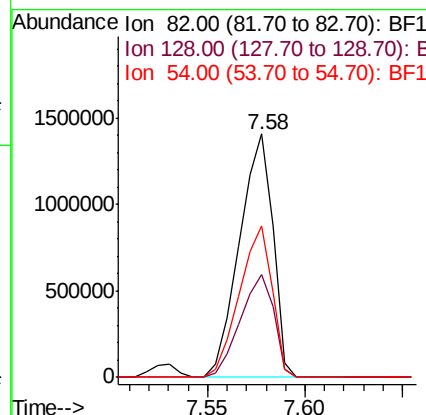
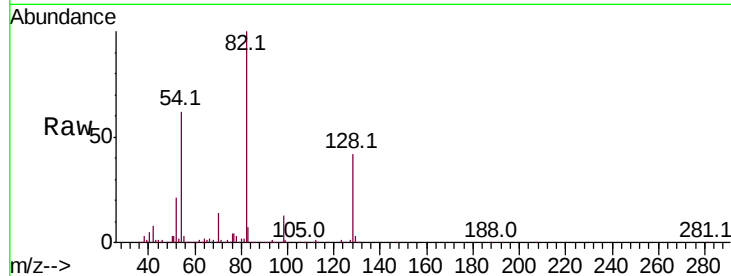
#23
Nitrobenzene-d5
Concen: 90.955 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	62.0	41.4	62.2

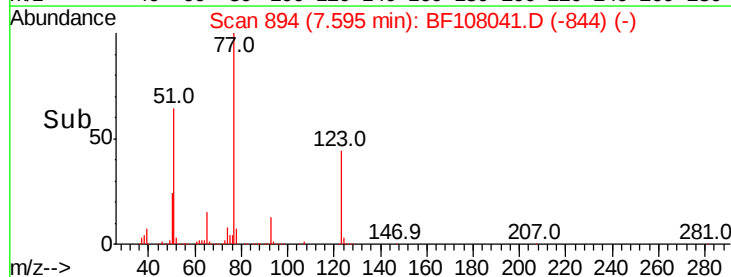
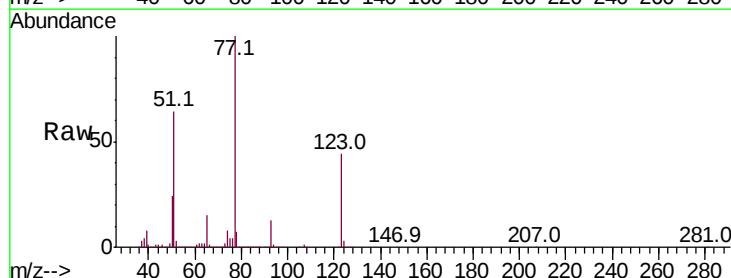
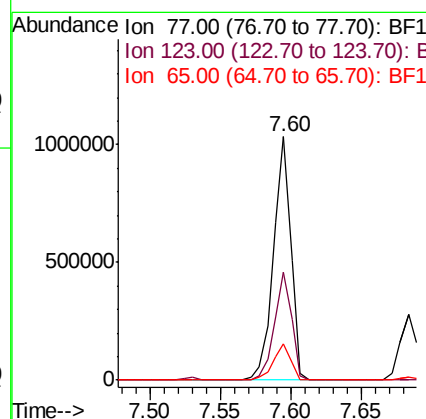
Manual Integrations
APPROVED

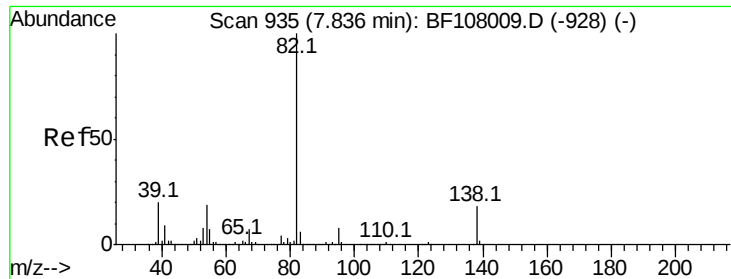
Sohil
8/10/2018 12:13:10 PM



#24
Nitrobenzene
Concen: 48.473 ng
RT: 7.60 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	37.9	56.9
65	15.0	11.0	16.4





#25

Isophorone

Concen: 46.559 ng

RT: 7.83 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion: 82 Resp: 1627163

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

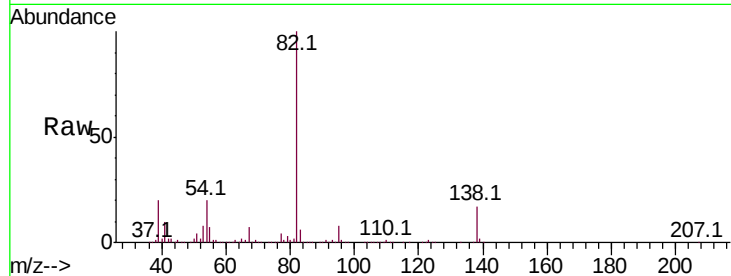
138 17.1 14.9 22.3

Manual Integrations

APPROVED

Sohil

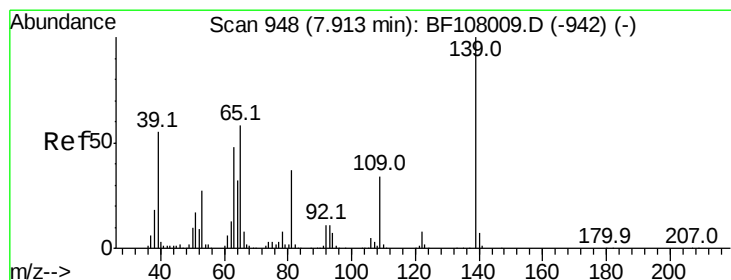
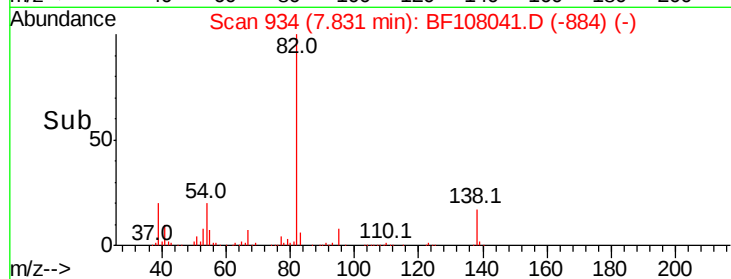
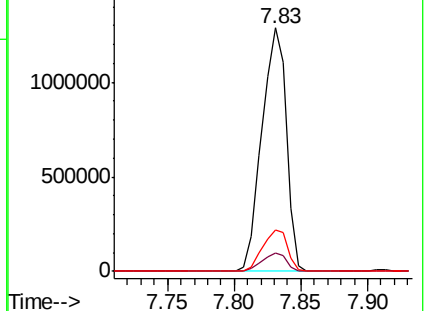
8/10/2018 12:13:10 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.474 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

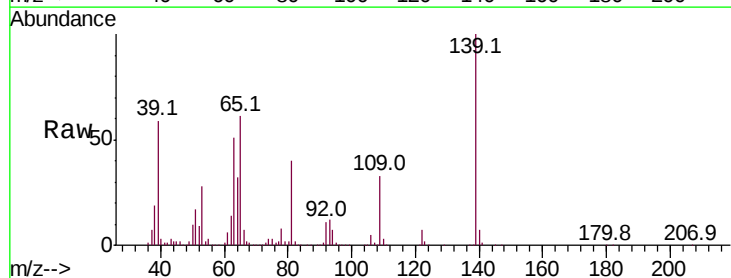
Tgt Ion:139 Resp: 381428

Ion Ratio Lower Upper

139 100

109 33.1 22.7 34.1

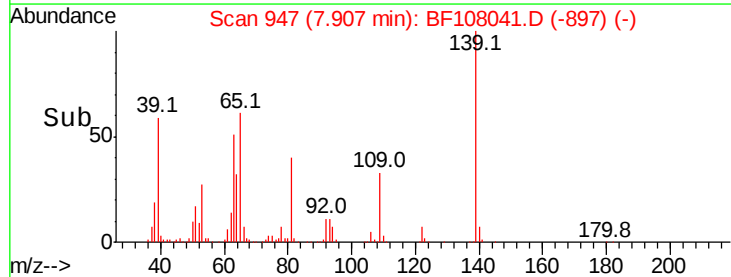
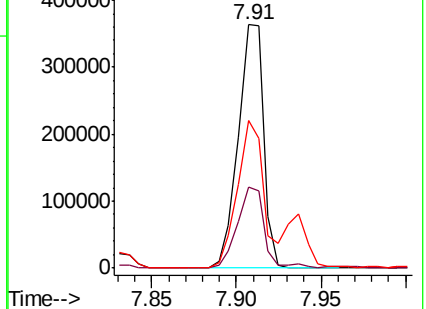
65 60.7 40.5 60.7

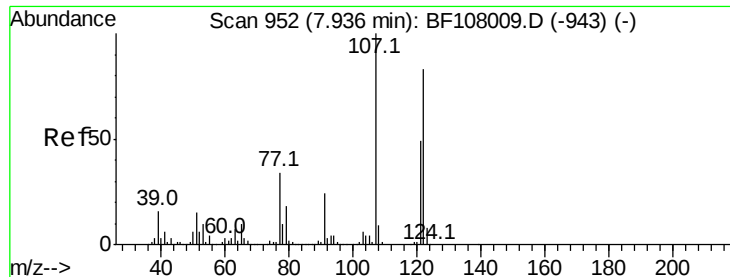


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.343 ng

RT: 7.94 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

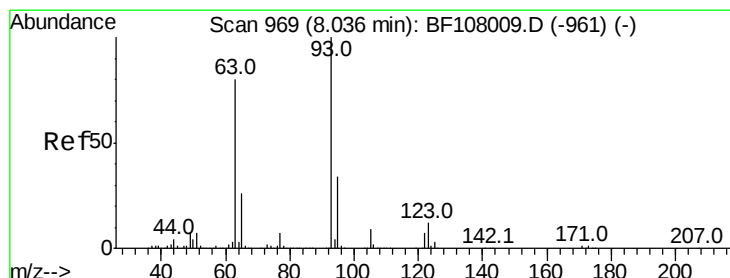
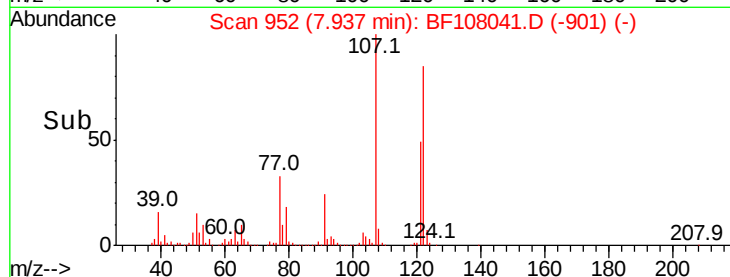
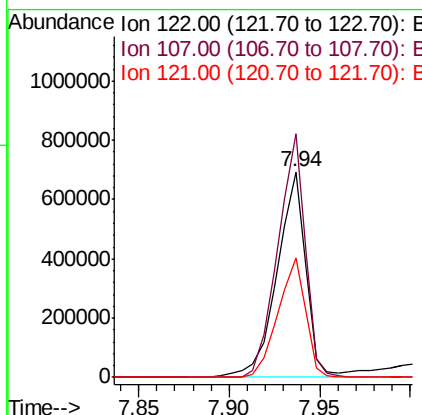
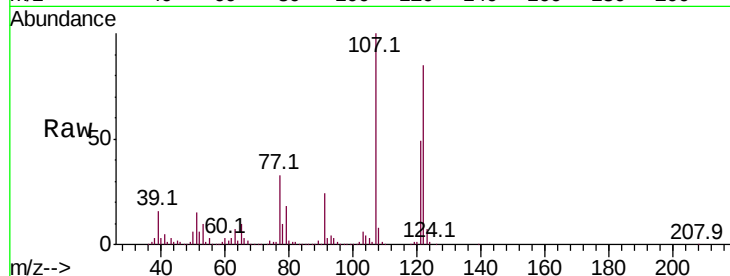
ClientSampled :

PB111850BS

Tot Ion:	122	Resp:	765363
Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.2	136.8
121	58.2	47.2	70.8

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#28

bis(2-Chloroethoxy)methane

Concen: 47.287 ng

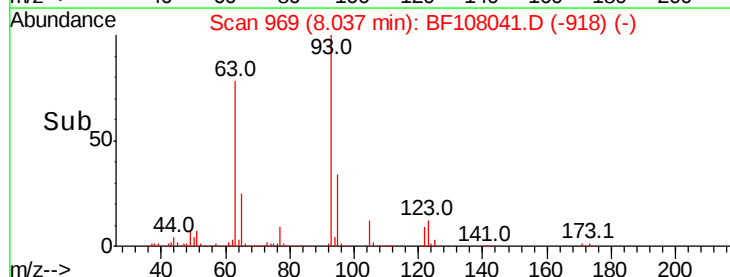
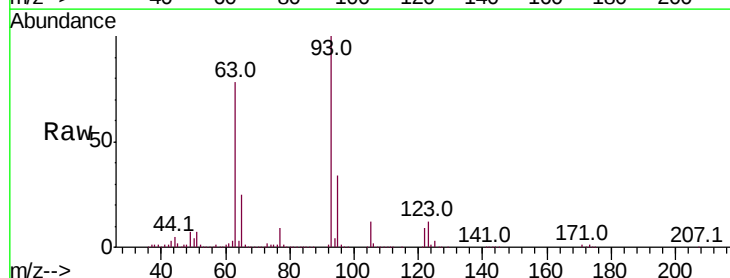
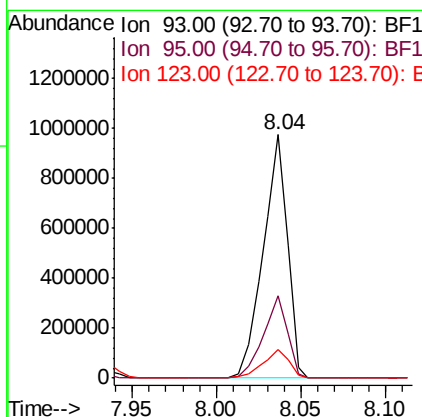
RT: 8.04 min Scan# 969

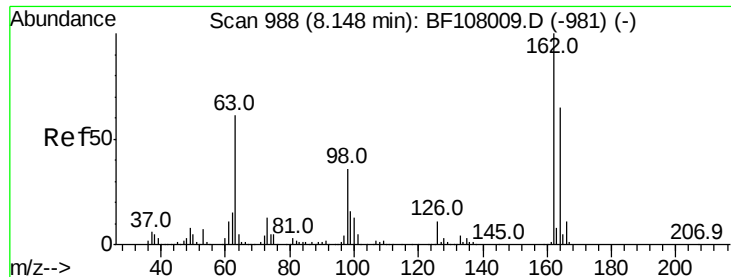
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion:	93	Resp:	964754
Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	11.8	9.8	14.6





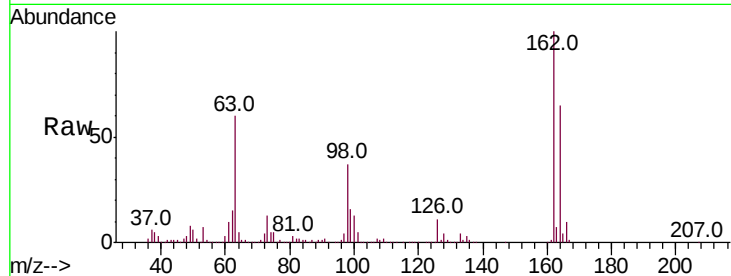
#29
2,4-Dichlorophenol
Concen: 50.389 ng
RT: 8.15 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

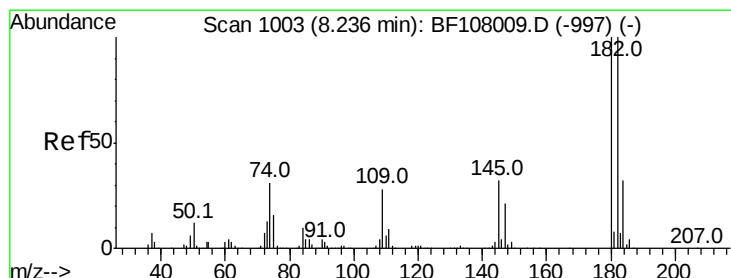
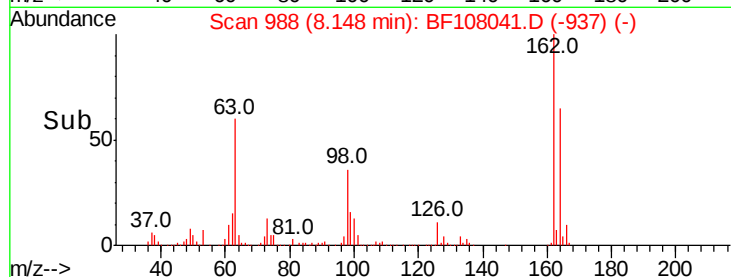
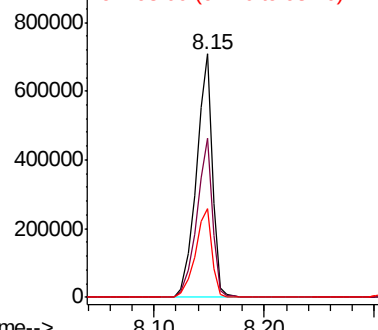
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.3	42.7	82.7	
98	36.6	18.1	58.1	

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM

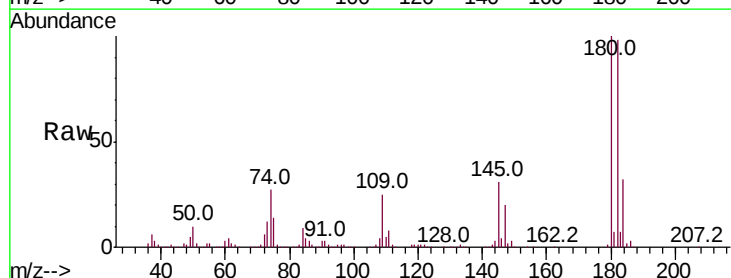


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

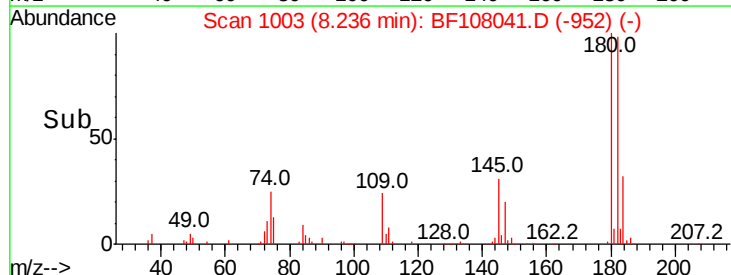
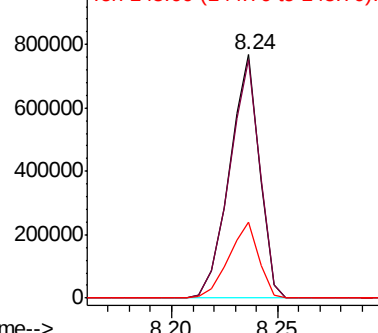


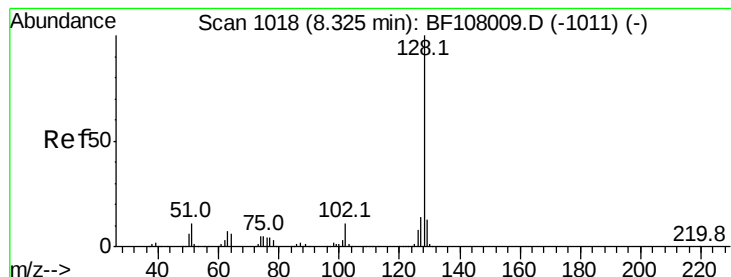
#30
1,2,4-Trichlorobenzene
Concen: 47.959 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.9	76.8	115.2	
145	31.2	26.5	39.7	



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





#31

Naphthalene

Concen: 47.682 ng

RT: 8.32 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion:128 Resp: 2218693

Ion Ratio Lower Upper

128 100

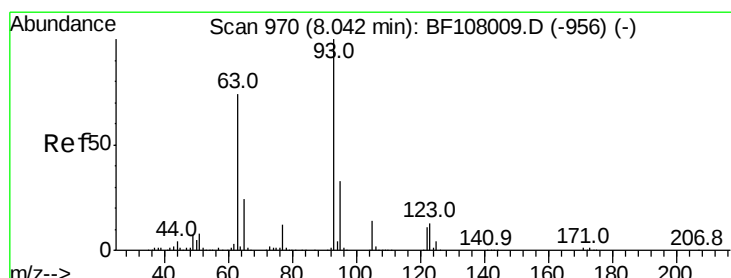
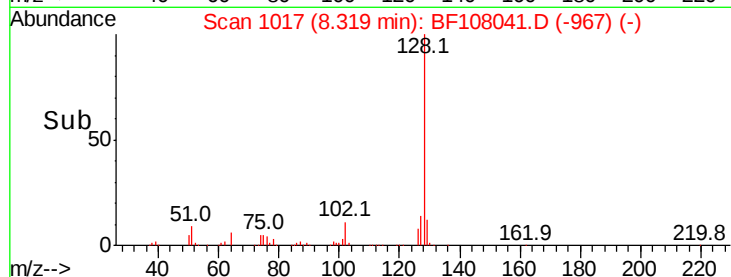
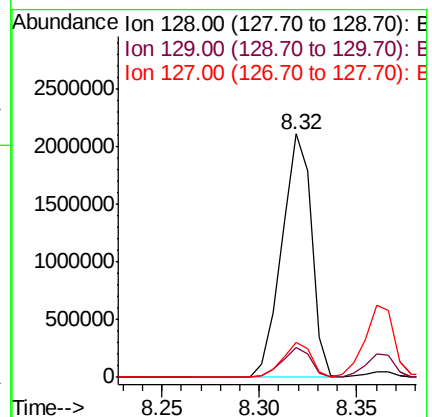
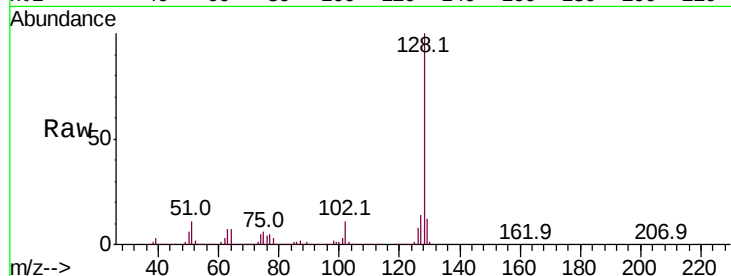
129 12.1 8.8 13.2

127 14.5 10.9 16.3

Manual Integrations
APPROVED

Sohil

8/10/2018 12:13:10 PM



#32

Benzoic acid

Concen: 35.139 ng

RT: 8.05 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

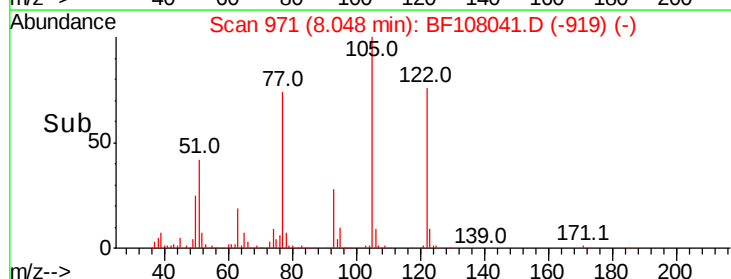
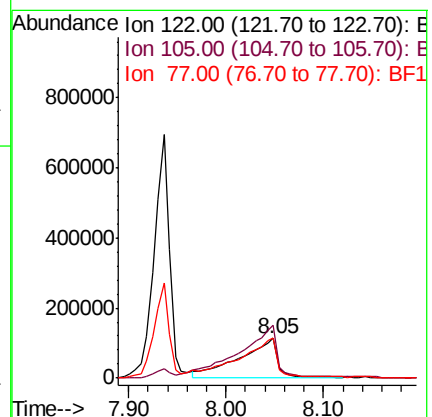
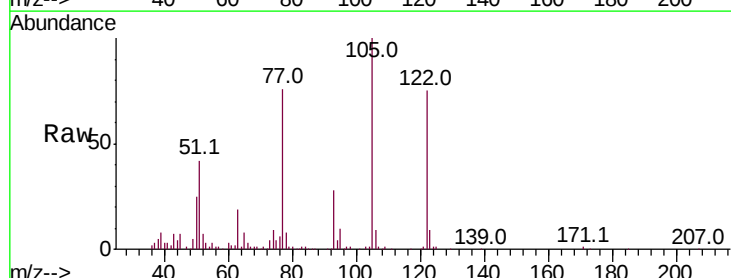
Tgt Ion:122 Resp: 299827

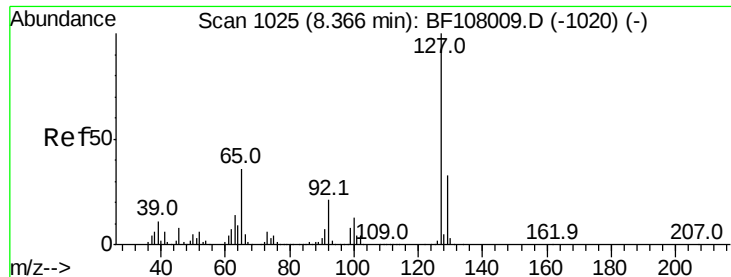
Ion Ratio Lower Upper

122 100

105 132.5 101.1 141.1

77 100.2 70.7 110.7





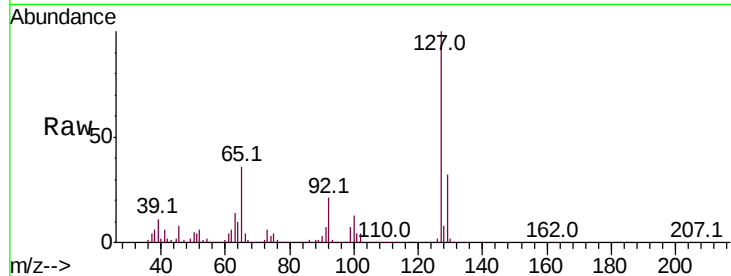
#33
4-Chloroaniline
Concen: 33.002 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	669215		
129	32.1	25.9	38.9	
65	35.7	25.0	37.4	
92	20.8	15.2	22.8	

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



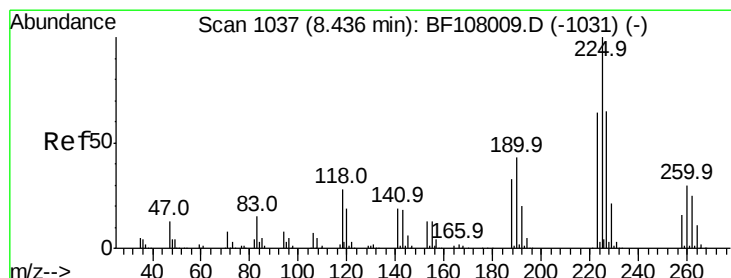
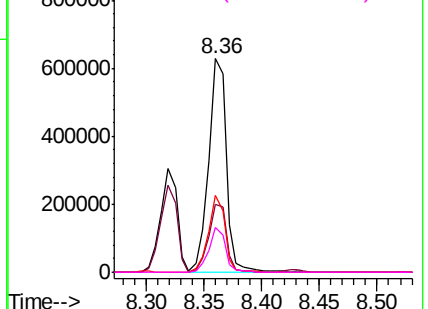
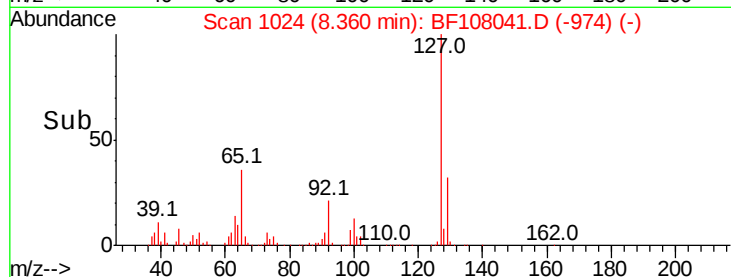
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

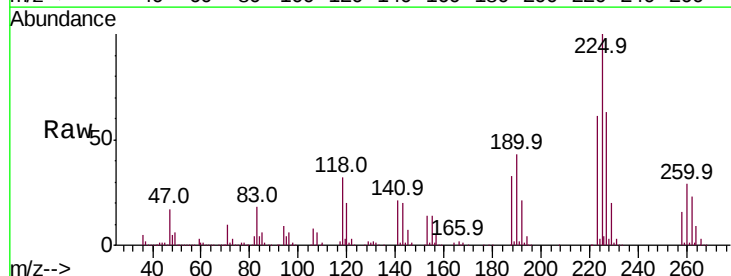
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 47.960 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	477829		
223	60.7	50.6	76.0	
227	62.9	51.9	77.9	

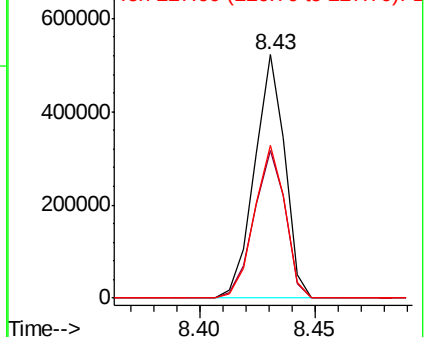
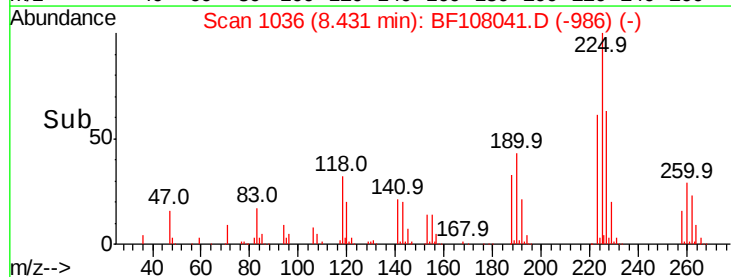


Abundance

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: 57.116 ng/ml

RT: 8.74 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampled :

PB111850BS

Tot Ion:113 Resp: 255492

Ion Ratio Lower Upper

113 100

55 219.6 163.3 203.3#

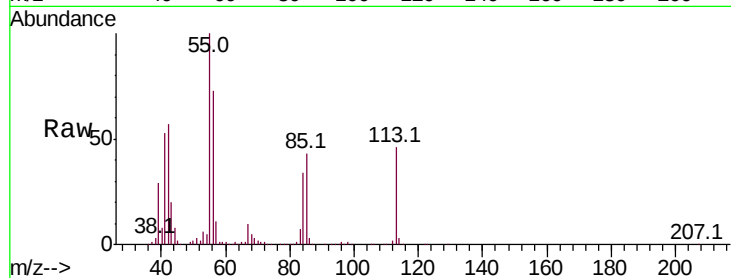
56 160.9 115.7 155.7#

Manual Integrations

APPROVED

Sohil

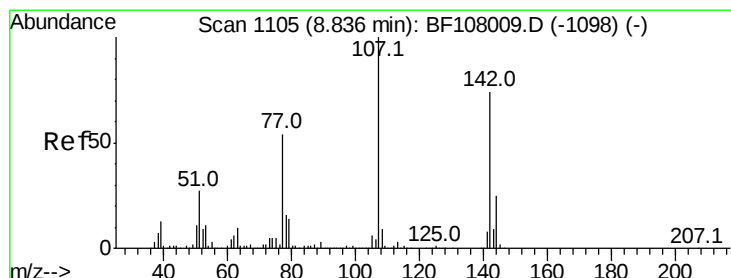
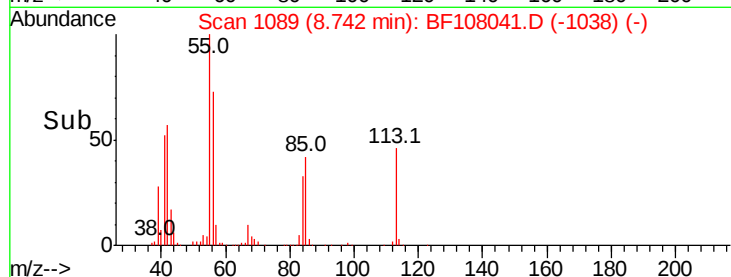
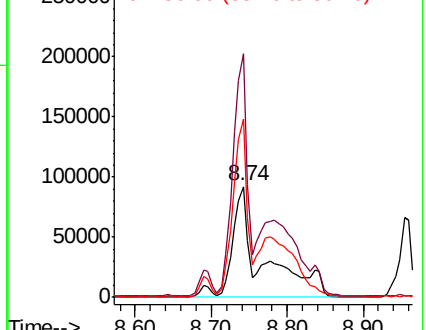
8/10/2018 12:13:10 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 50.107 ng/ml

RT: 8.84 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

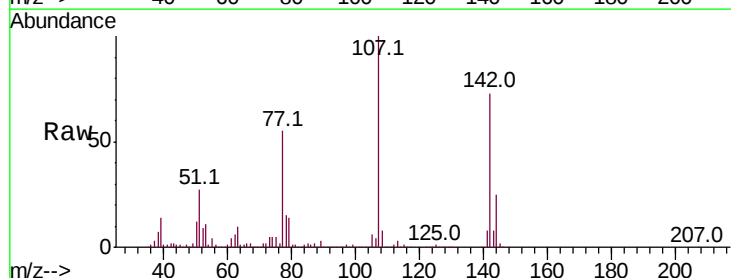
Tgt Ion:107 Resp: 771600

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

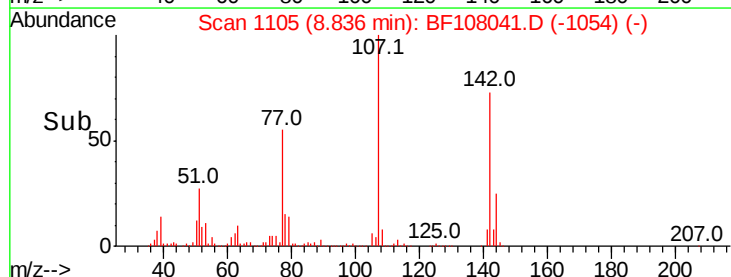
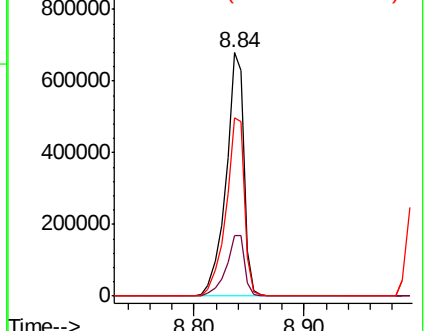
142 73.1 62.0 93.0

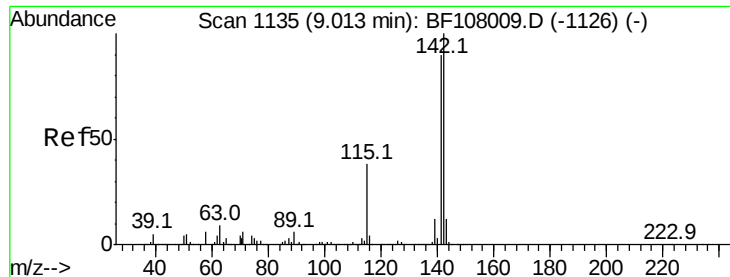


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





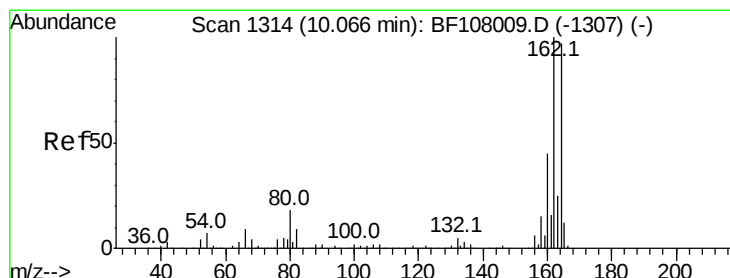
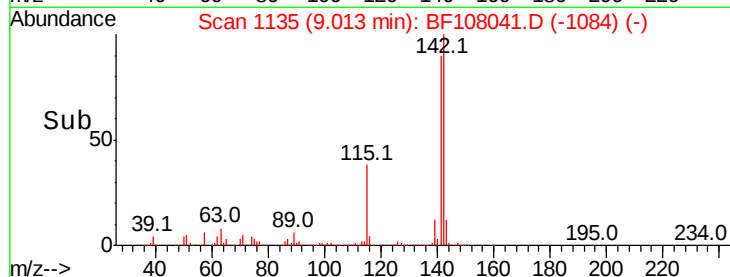
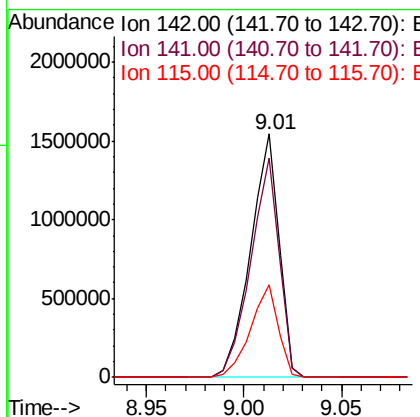
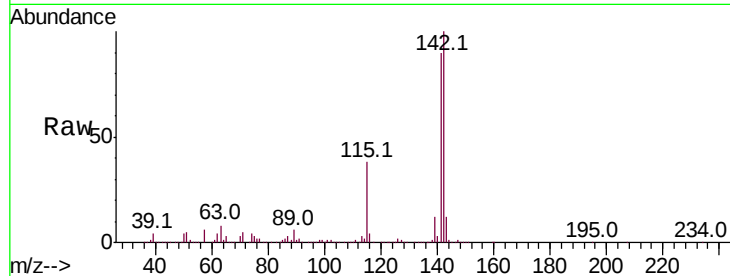
#37
2-Methylnaphthalene
Concen: 47.449 ng
RT: 9.01 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	38.1	26.1	39.1

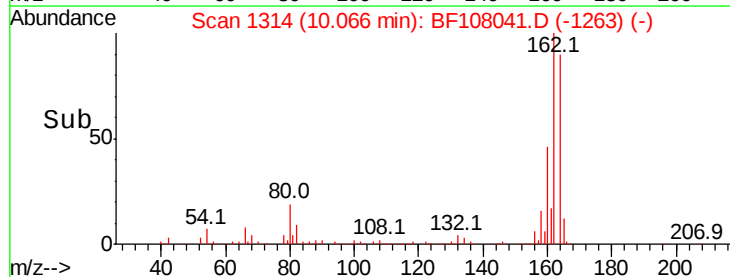
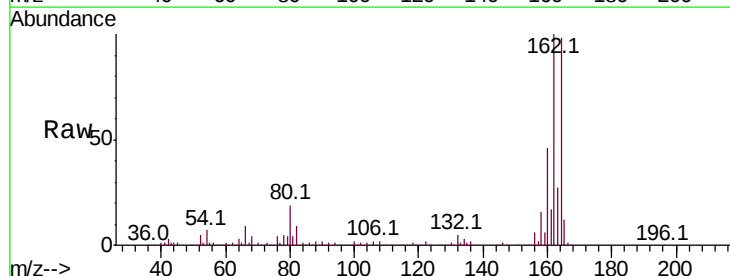
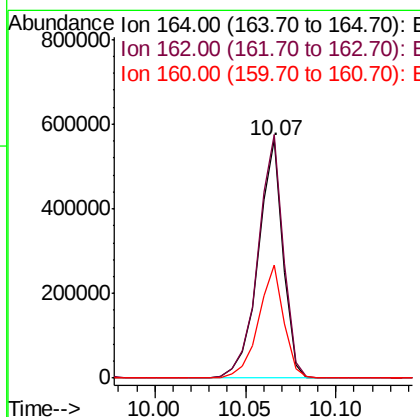
Manual Integrations
APPROVED

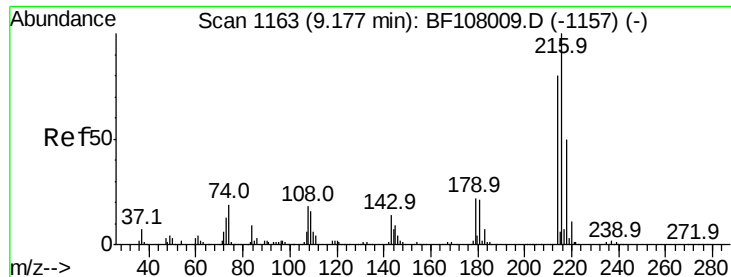
Sohil
8/10/2018 12:13:10 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	47.3	38.3	57.5





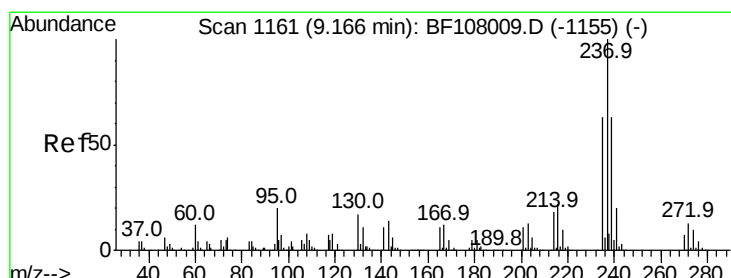
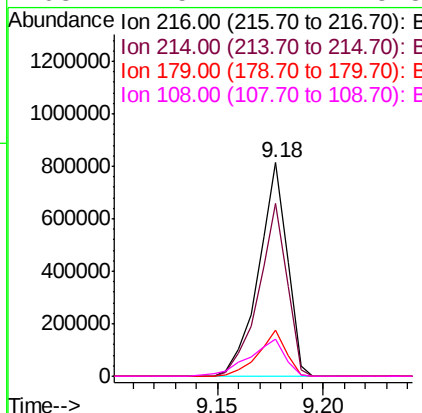
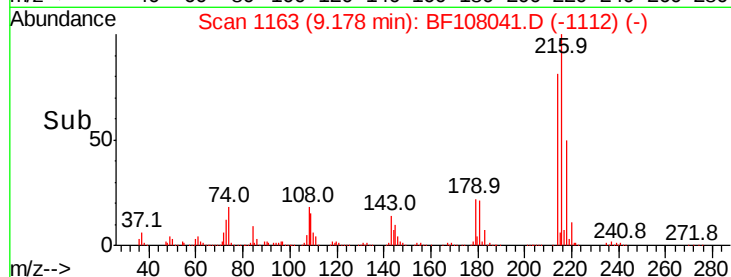
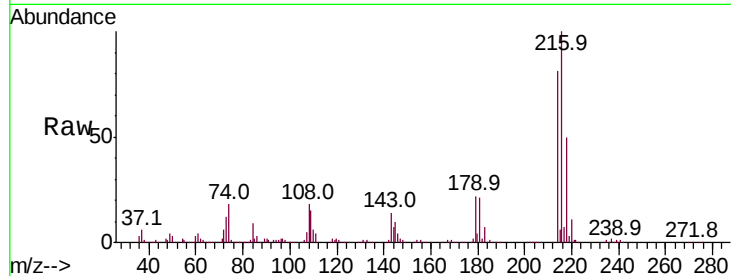
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.672 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.0	94.4
179	21.1	18.1	27.1
108	21.5	17.2	25.8

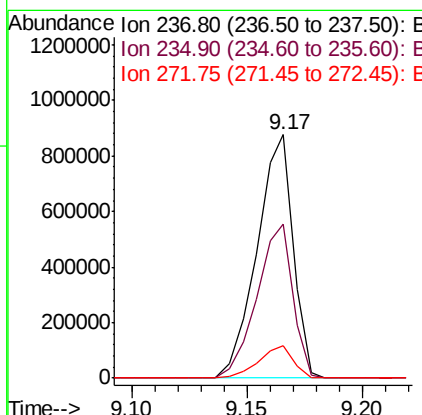
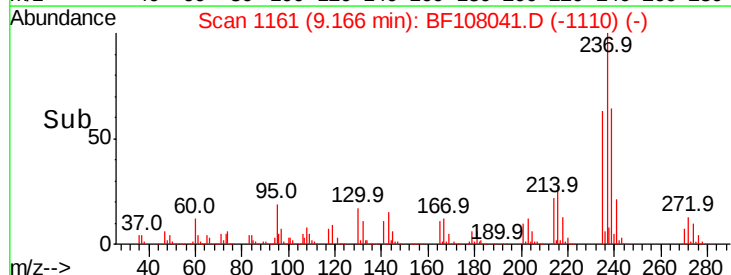
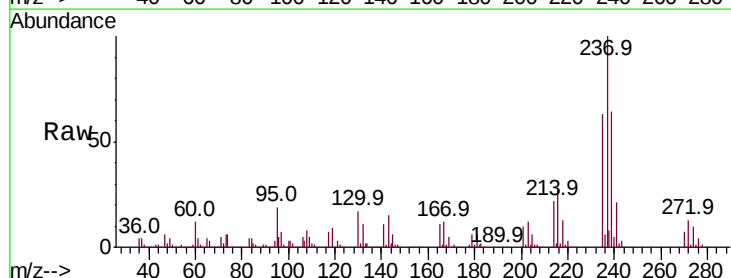
Manual Integrations
 APPROVED

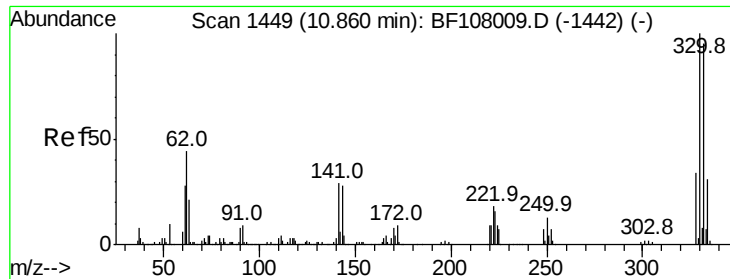
Sohil
 8/10/2018 12:13:10 PM



#40
 Hexachlorocyclopentadiene
 Concen: 89.681 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	44.8	84.8
272	13.4	0.0	33.3





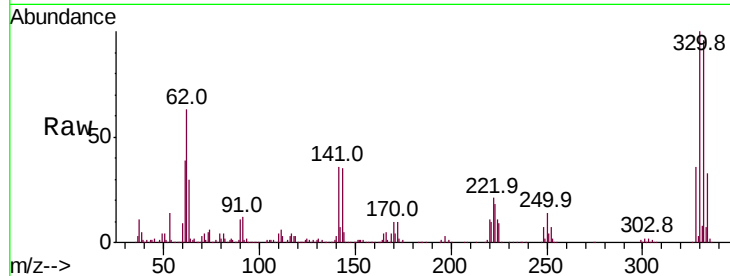
#41
 2,4,6-Tribromophenol
 Concen: 145.126 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleID :
 PB111850BS

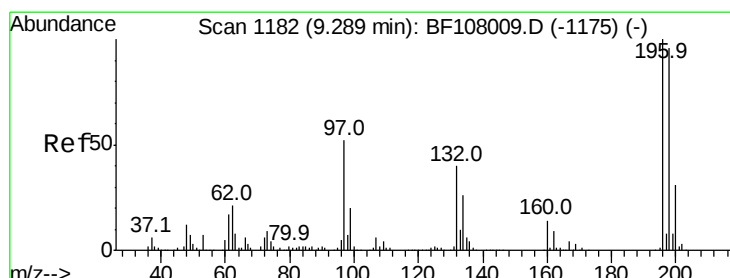
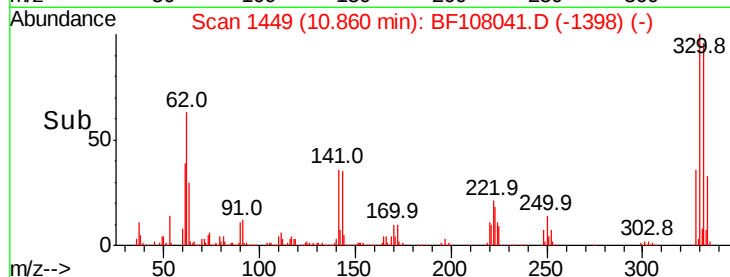
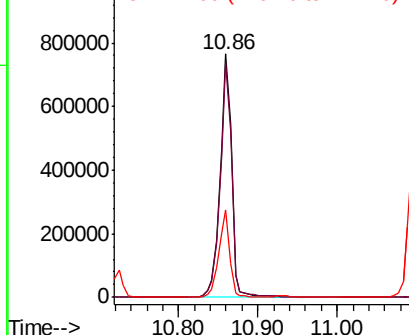
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	34.0	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:10 PM

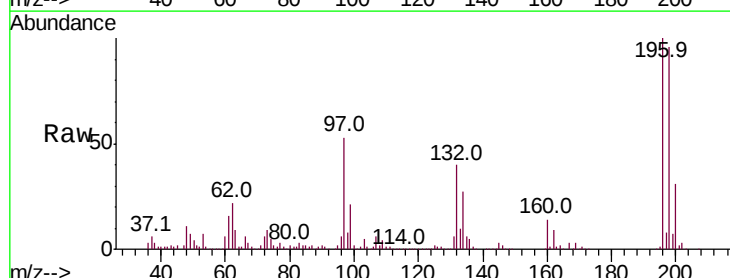


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

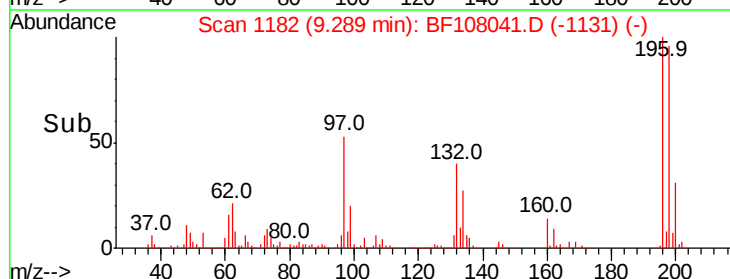
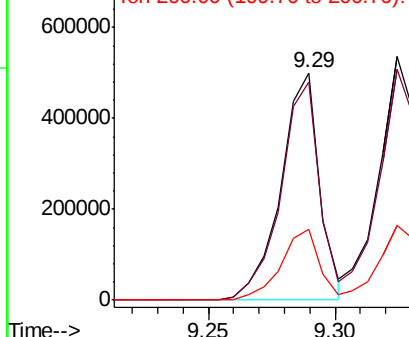


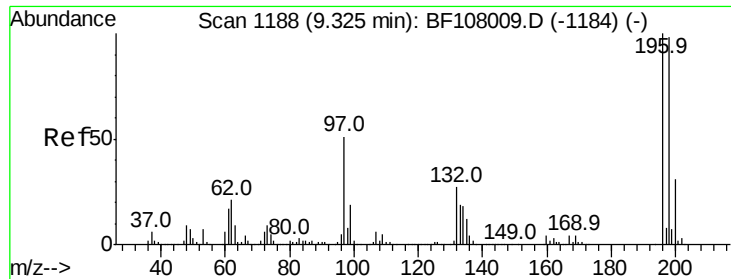
#42
 2,4,6-Trichlorophenol
 Concen: 51.741 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.2	75.7	113.5	
200	31.4	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





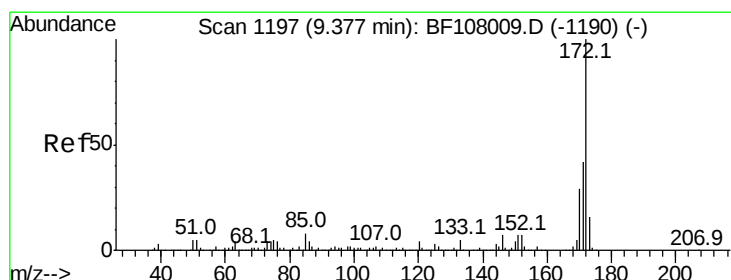
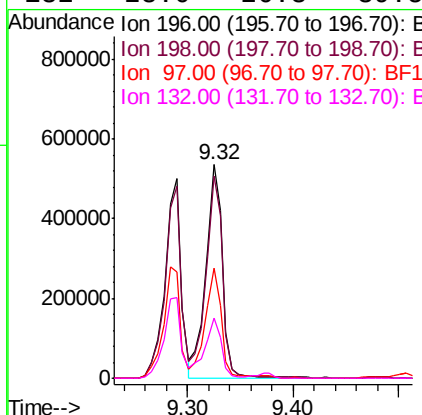
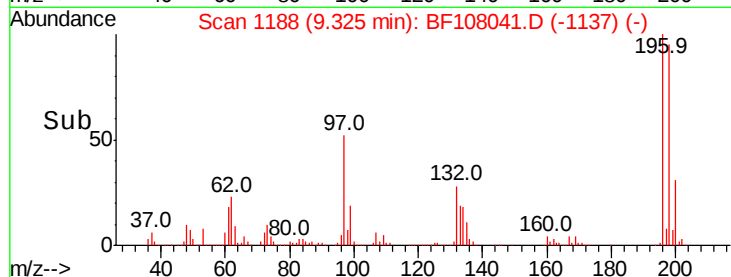
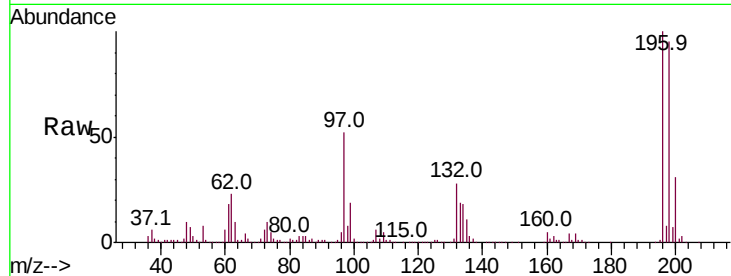
#43
 2,4,5-Trichlorophenol
 Concen: 52.103 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	586279		
198	95.0	74.6	112.0	
97	51.8	42.9	64.3	
132	28.0	26.3	39.5	

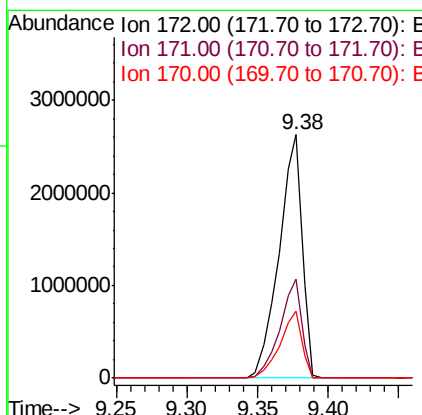
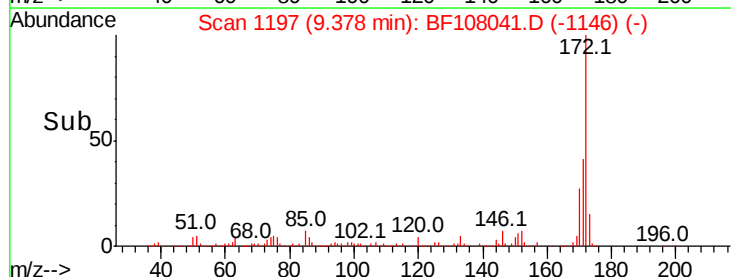
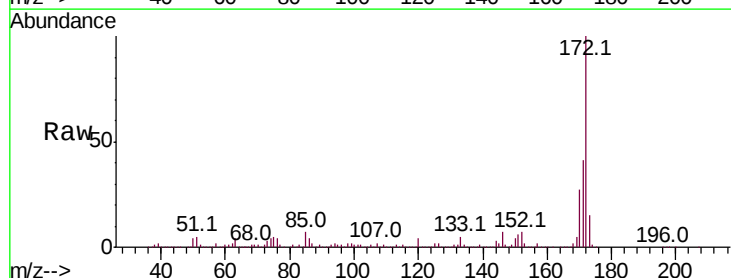
Manual Integrations
 APPROVED

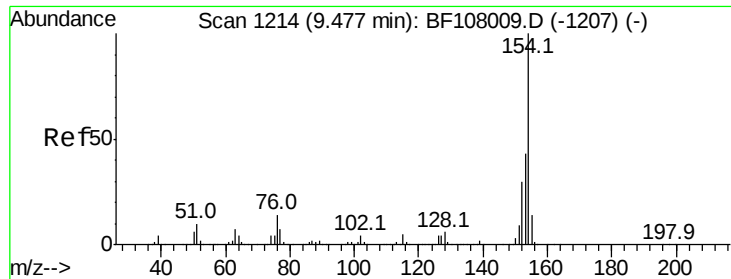
Sohil
 8/10/2018 12:13:10 PM



#44
 2-Fluorobiphenyl
 Concen: 89.956 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3005450		
171	40.5	29.7	44.5	
170	27.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 47.623 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampled :

PB111850BS

Tot Ion:154 Resp: 1883392

Ion Ratio Lower Upper

154 100

153 43.3 21.3 61.3

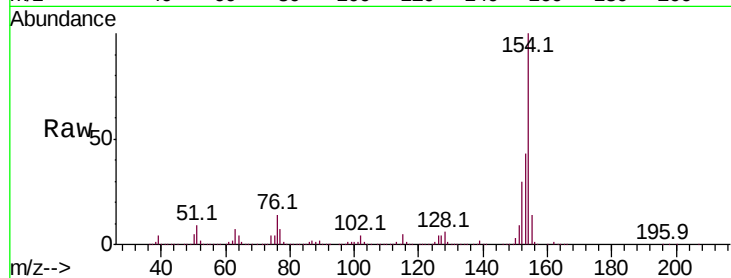
76 13.7 0.0 34.0

Manual Integrations

APPROVED

Sohil

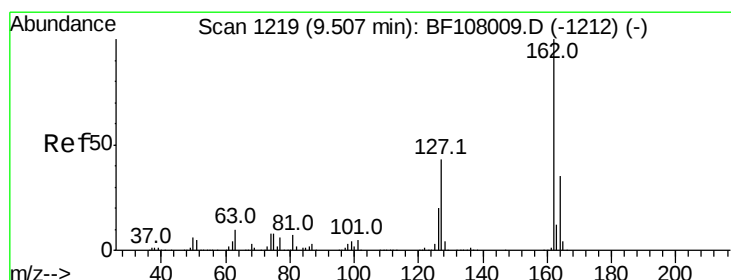
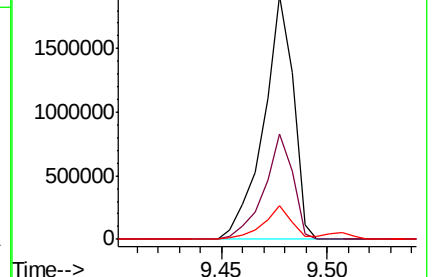
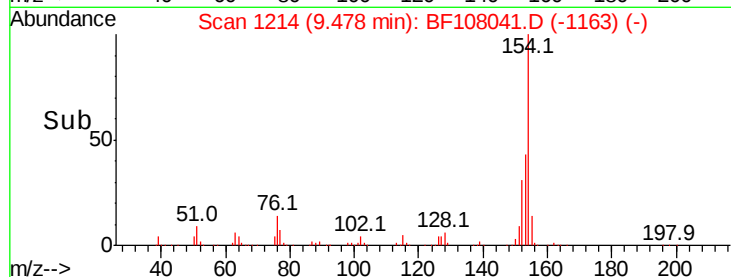
8/10/2018 12:13:10 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 47.736 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

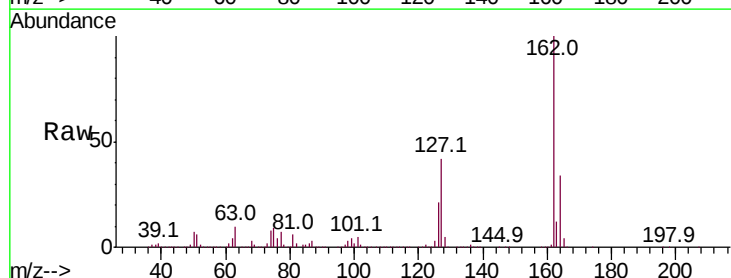
Tgt Ion:162 Resp: 1492085

Ion Ratio Lower Upper

162 100

127 41.9 33.9 50.9

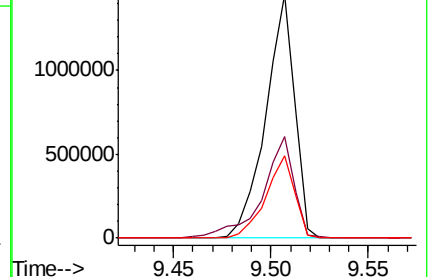
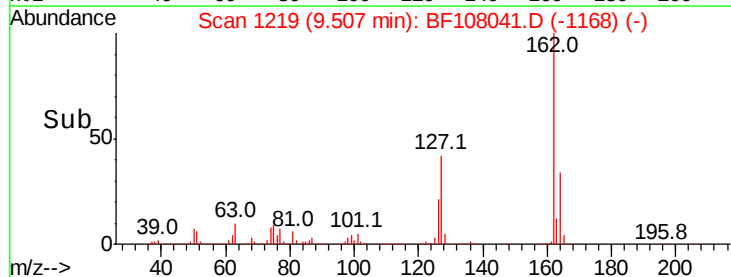
164 34.0 26.5 39.7

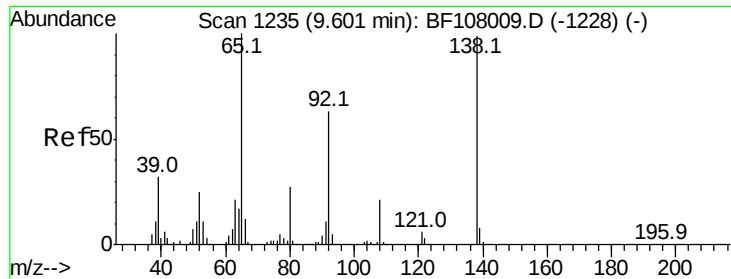


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





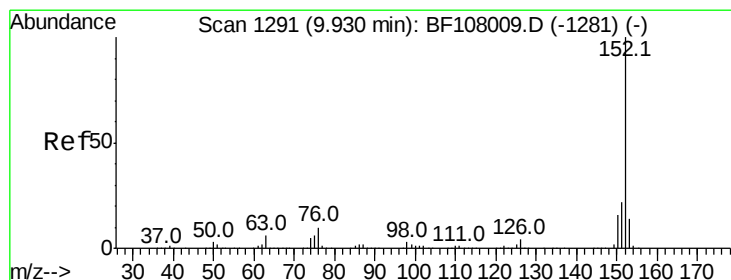
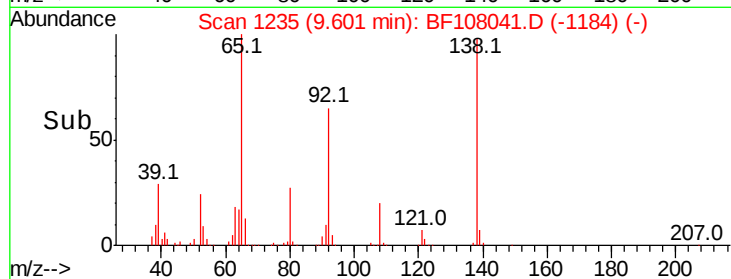
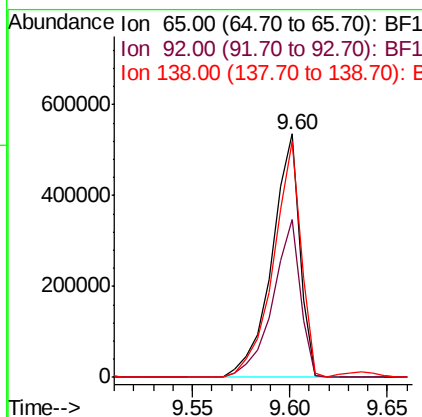
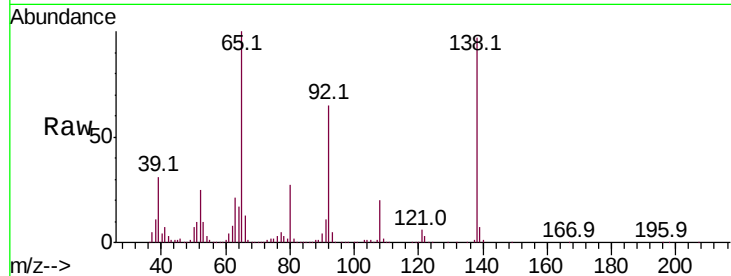
#47
2-Nitroaniline
Concen: 52.777 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.9	55.8	83.6
138	97.0	91.2	136.8

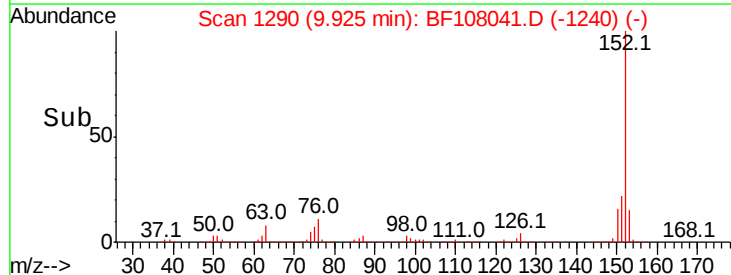
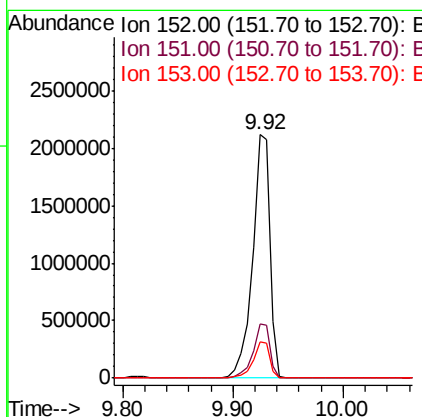
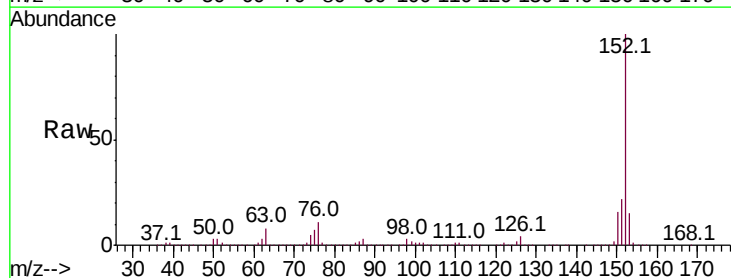
Manual Integrations
APPROVED

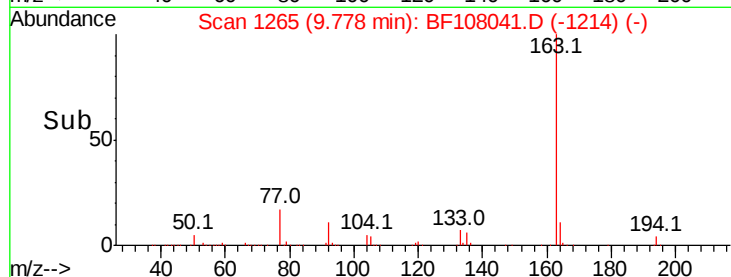
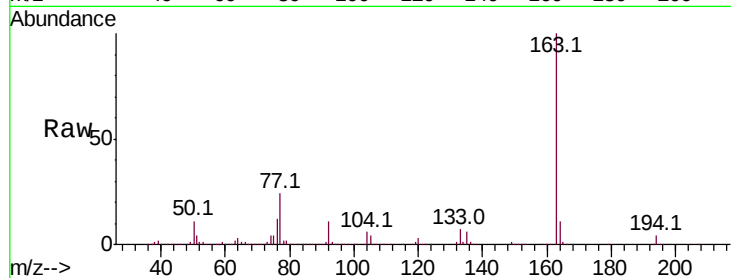
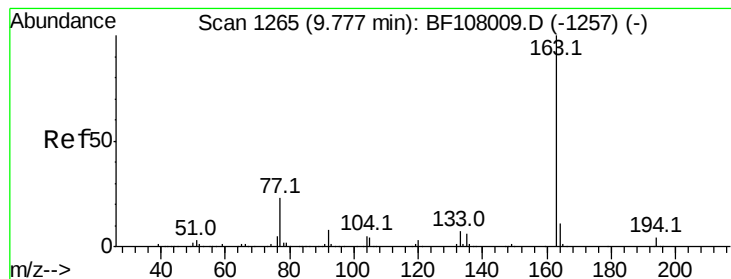
Sohil
8/10/2018 12:13:10 PM



#48
Acenaphthylene
Concen: 47.357 ng
RT: 9.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.3	24.5
153	14.7	10.7	16.1





#49

Dimethylphthalate

Concen: 48.248 ng

RT: 9.78 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tot Ion:163 Resp: 1802747

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

164 11.3 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

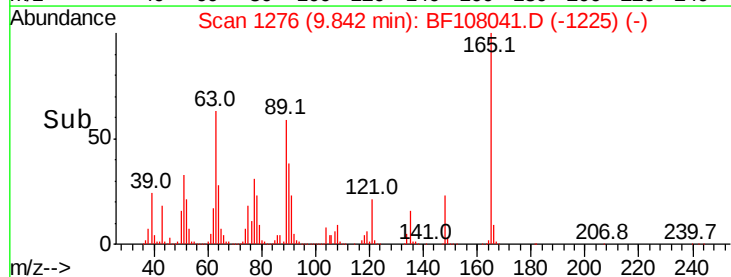
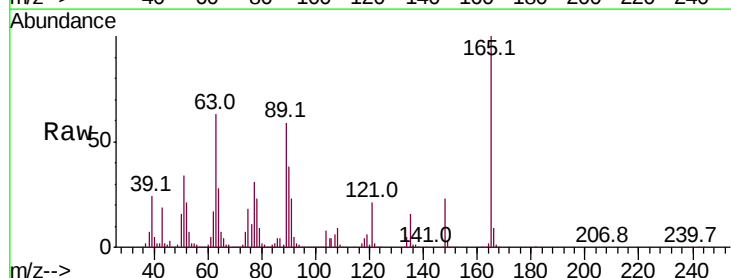
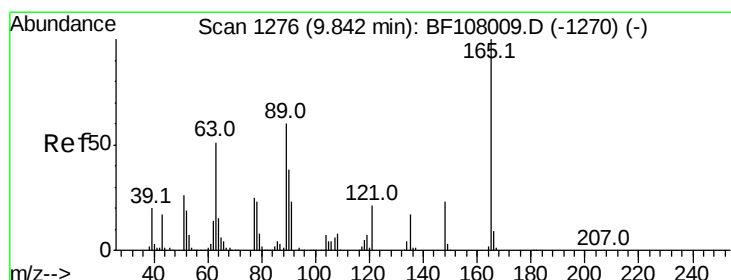
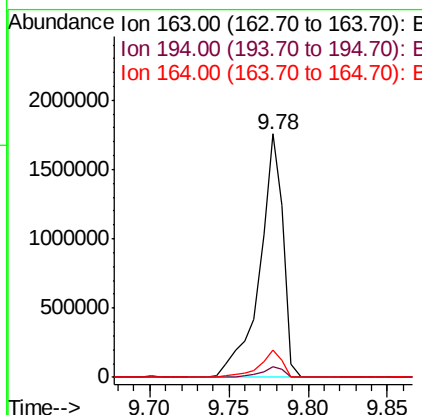
PB111850BS

Manual Integrations

APPROVED

Sohil

8/10/2018 12:13:10 PM



#50

2,6-Dinitrotoluene

Concen: 51.812 ng

RT: 9.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

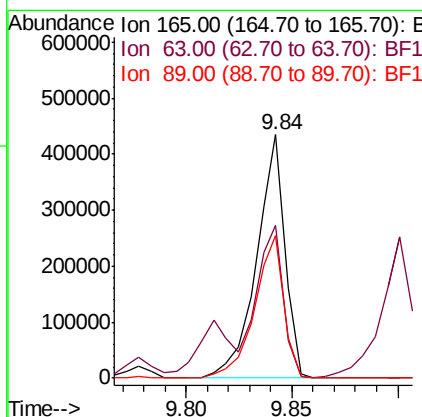
Tgt Ion:165 Resp: 405028

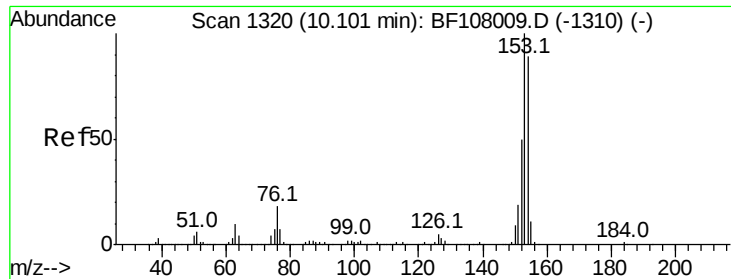
Ion Ratio Lower Upper

165 100

63 62.5 44.7 67.1

89 58.6 44.0 66.0





#51

Acenaphthene

Concen: 50.641 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion:154 Resp: 1532723

Ion Ratio Lower Upper

154 100

153 108.2 91.2 136.8

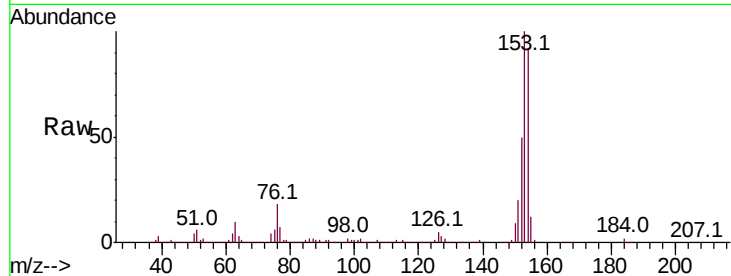
152 54.0 43.8 65.8

Manual Integrations

APPROVED

Sohil

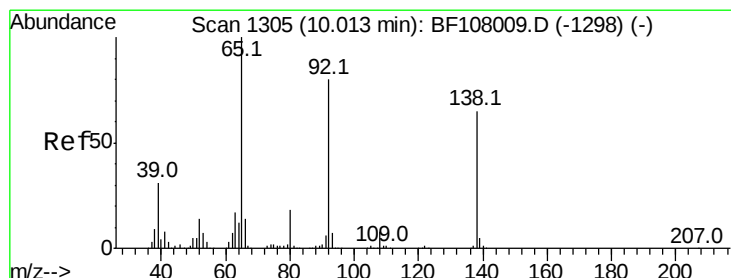
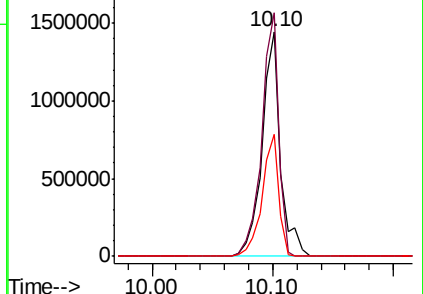
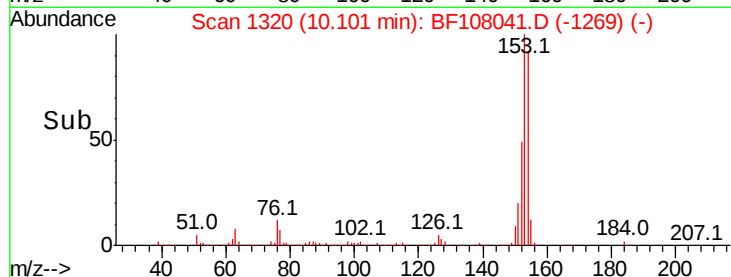
8/10/2018 12:13:10 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.433 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

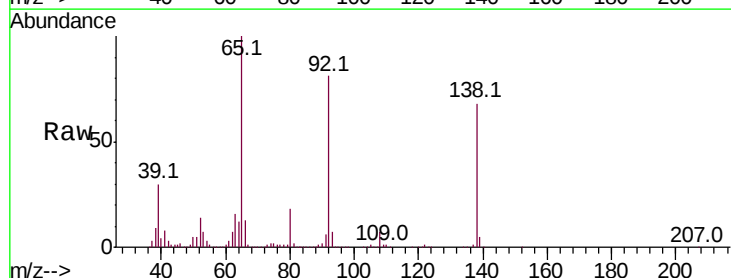
Tgt Ion:138 Resp: 354382

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

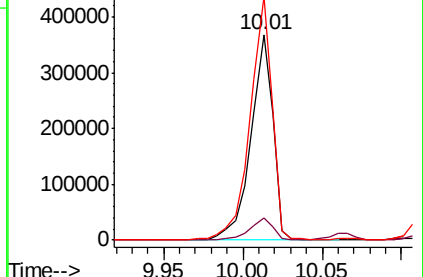
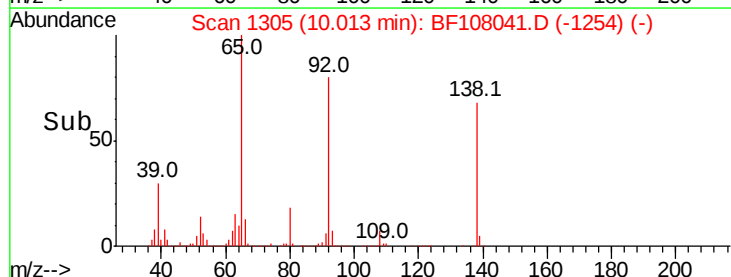
92 118.6 89.4 134.2

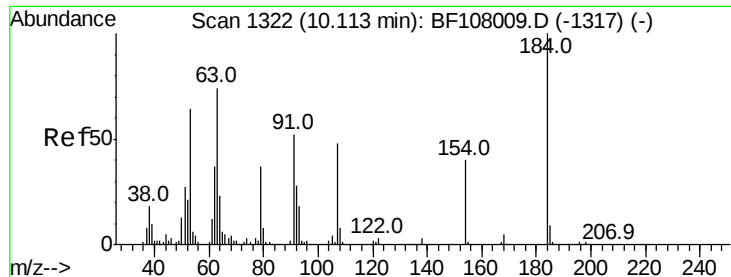


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





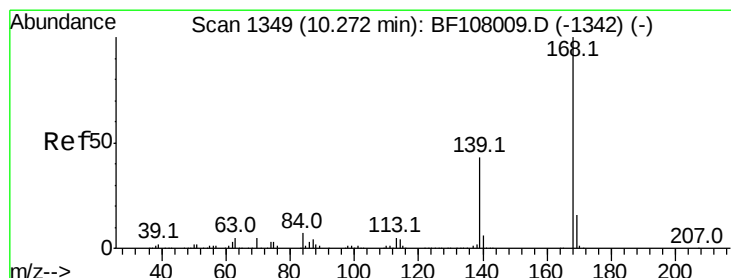
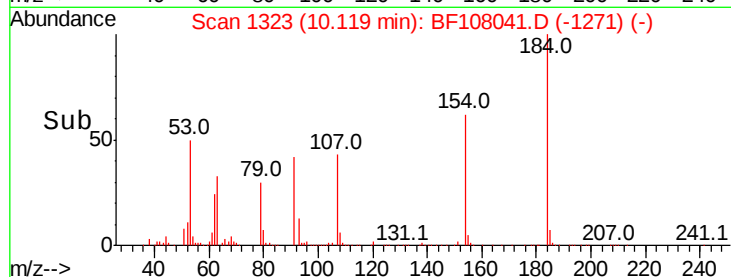
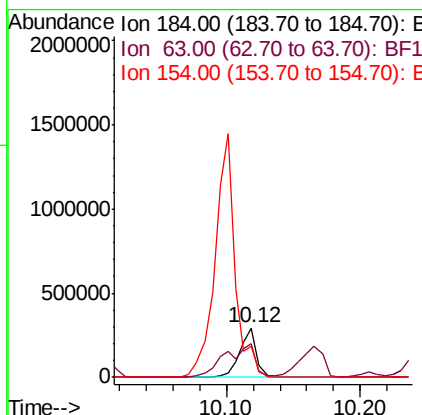
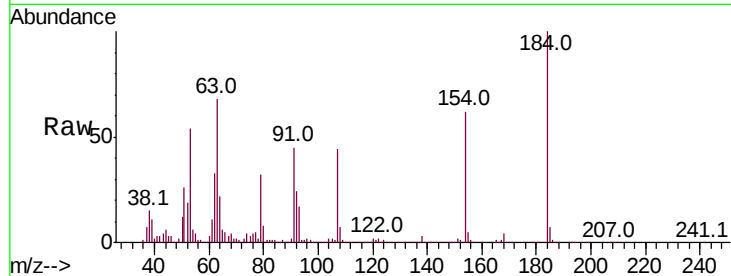
#53
 2,4-Dinitrophenol
 Concen: 85.883 ng
 RT: 10.12 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.5	54.2	81.2
154	62.2	184.0	276.0#

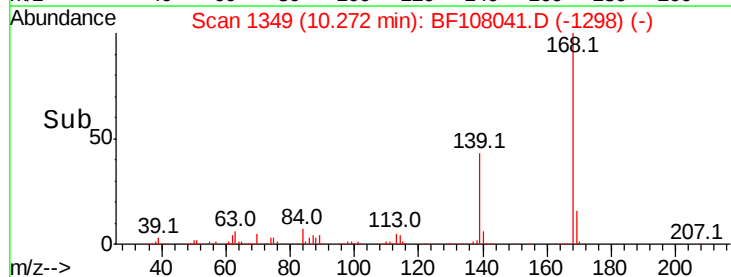
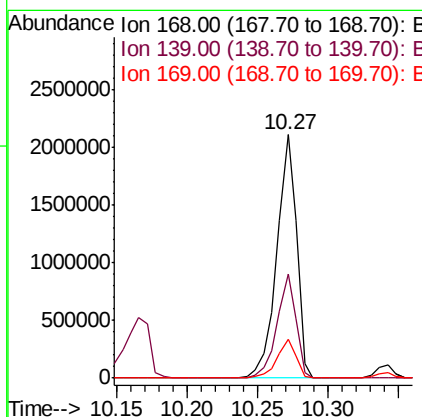
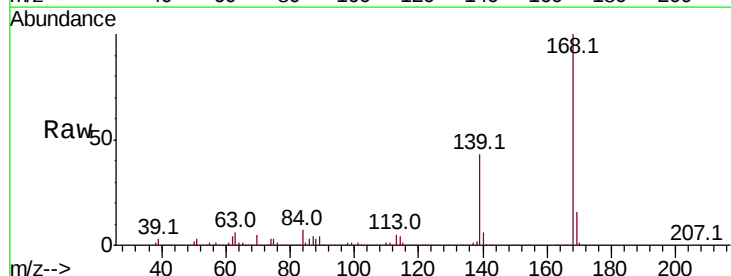
Manual Integrations
 APPROVED

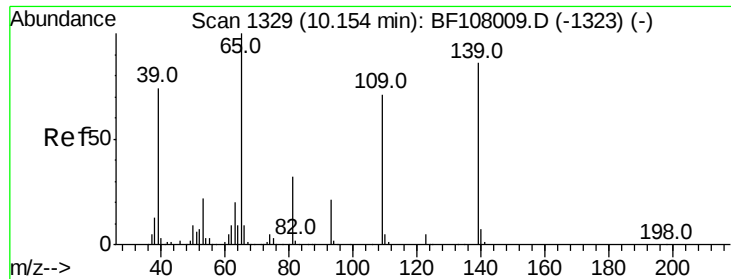
Sohil
 8/10/2018 12:13:10 PM



#54
 Dibenzofuran
 Concen: 47.000 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	30.1	45.1
169	16.1	10.9	16.3





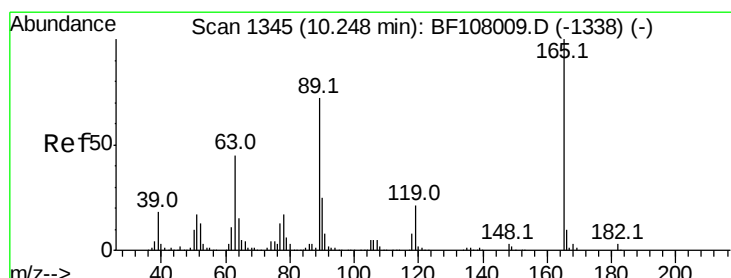
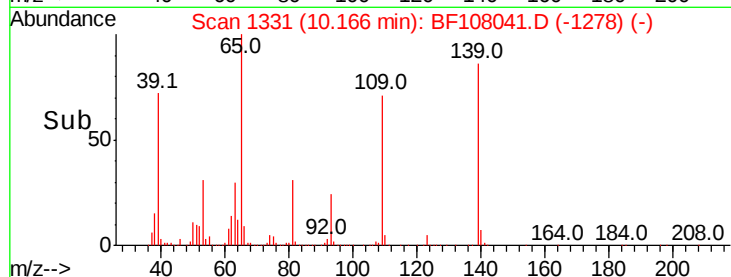
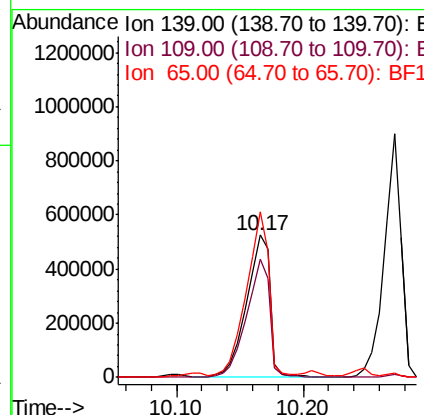
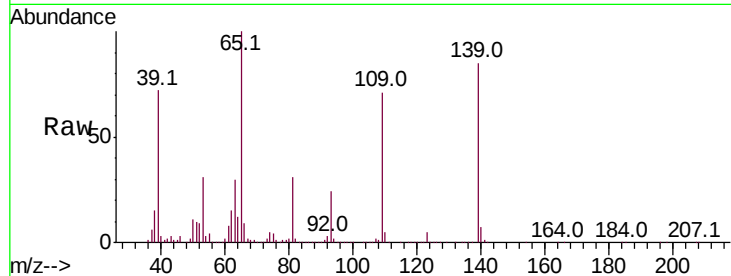
#55
4-Nitrophenol
Concen: 104.218 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	83.3	48.4	88.4
65	117.0	72.6	112.6

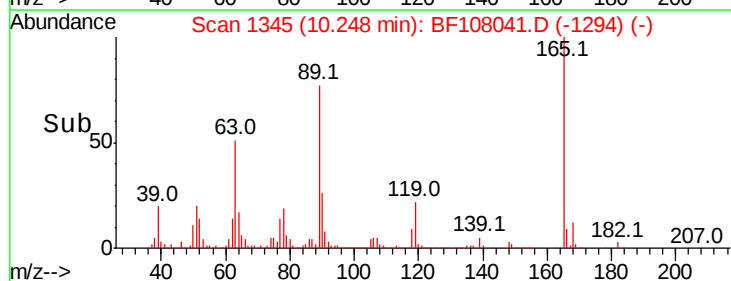
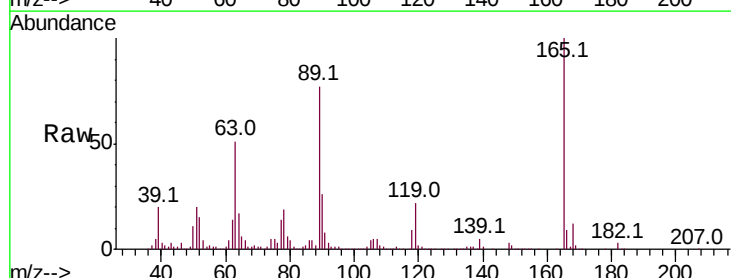
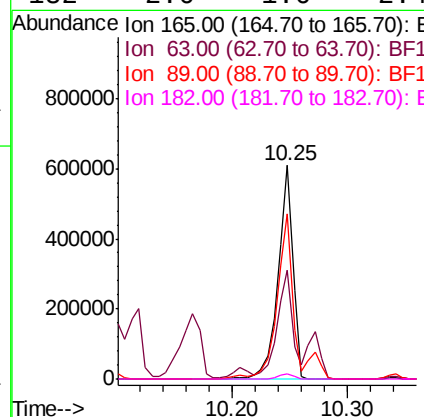
Manual Integrations
APPROVED

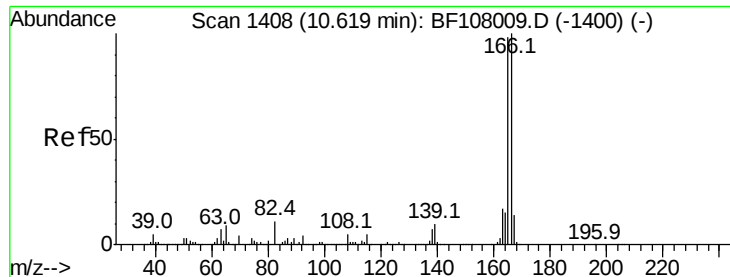
Sohil
8/10/2018 12:13:10 PM



#56
2,4-Dinitrotoluene
Concen: 54.215 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.7	36.4	54.6
89	77.2	57.8	86.6
182	2.6	1.6	2.4





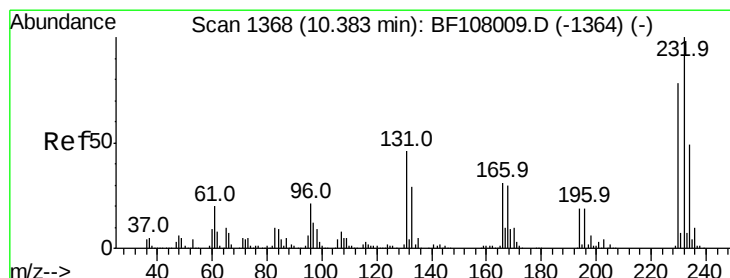
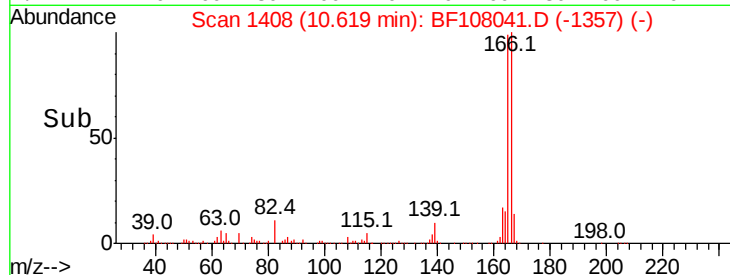
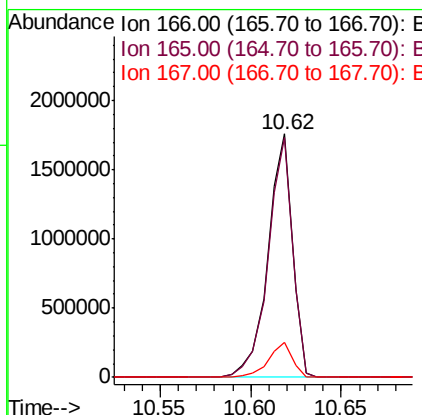
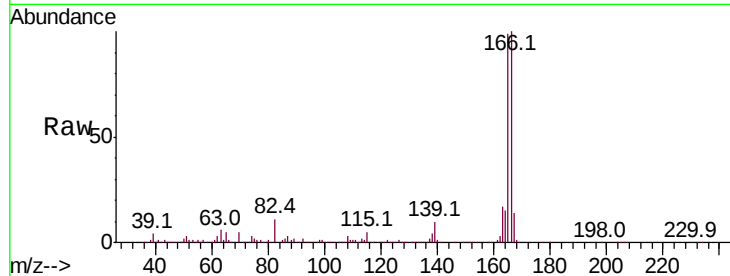
#57
Fluorene
 Concen: 47.401 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.8	119.8
167	14.4	10.6	16.0

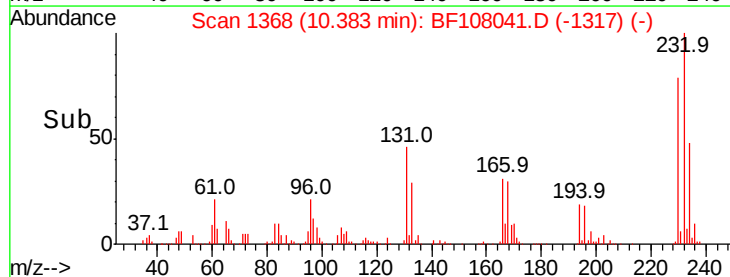
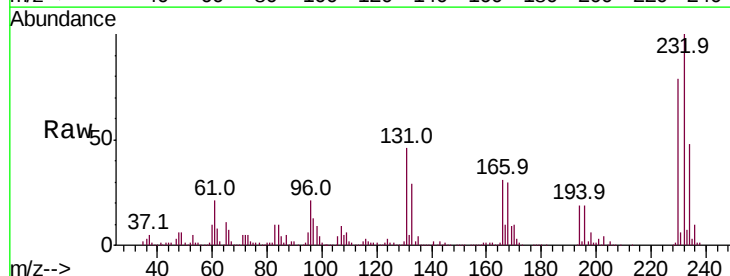
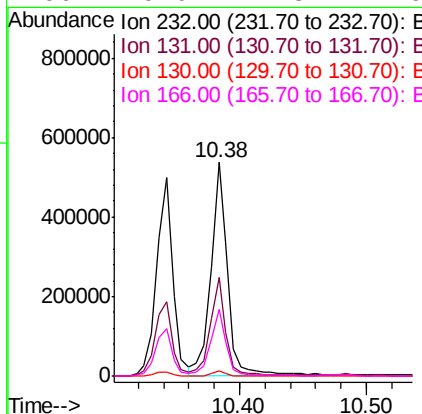
Manual Integrations
 APPROVED

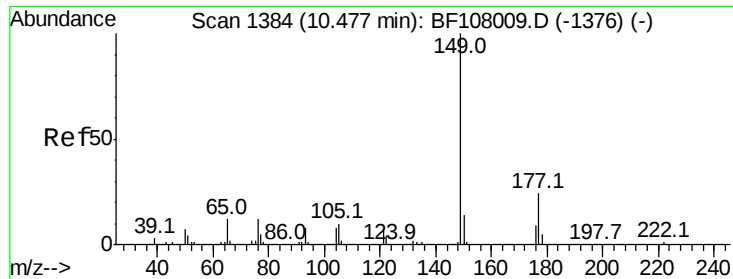
Sohil
 8/10/2018 12:13:10 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.480 ng
 RT: 10.38 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.2	43.8	65.8#
130	2.3	2.1	3.1
166	29.9	27.8	41.6





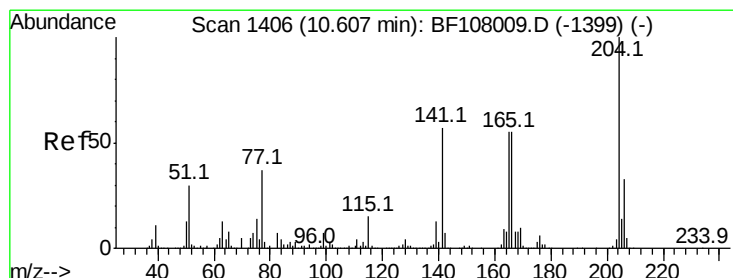
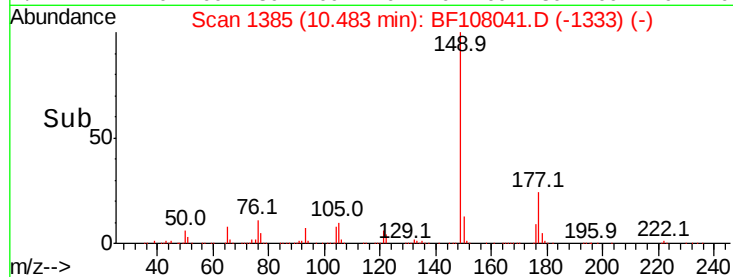
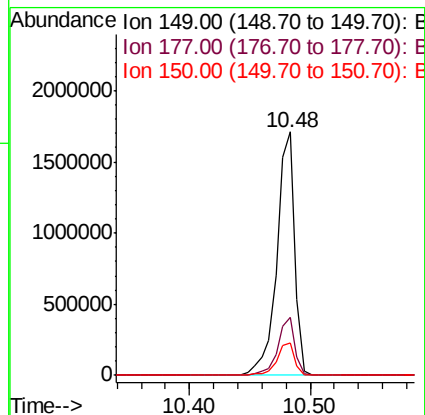
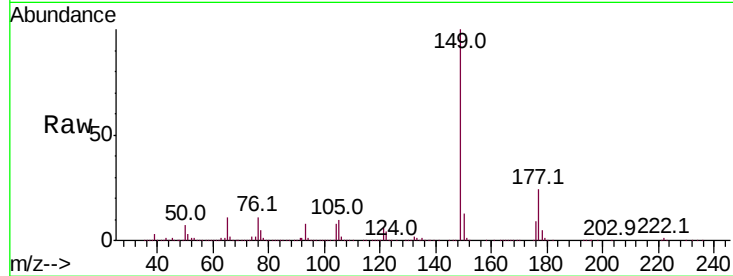
#59
Diethylphthalate
Concen: 48.540 ng
RT: 10.48 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampled :
PB111850BS

Tot Ion:149 Resp: 1756228
Ion Ratio Lower Upper
149 100
177 24.0 16.1 24.1
150 13.3 10.1 15.1

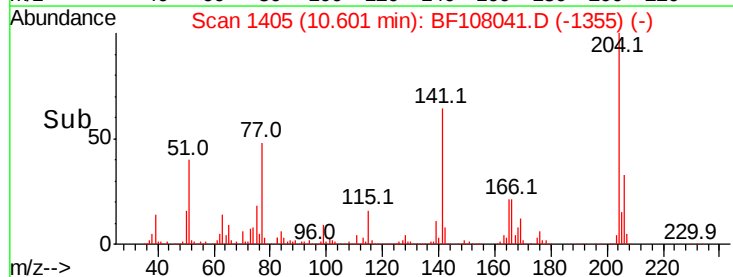
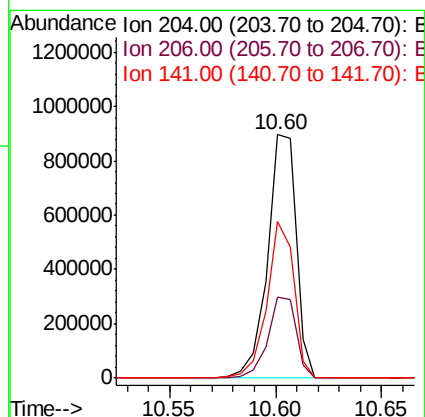
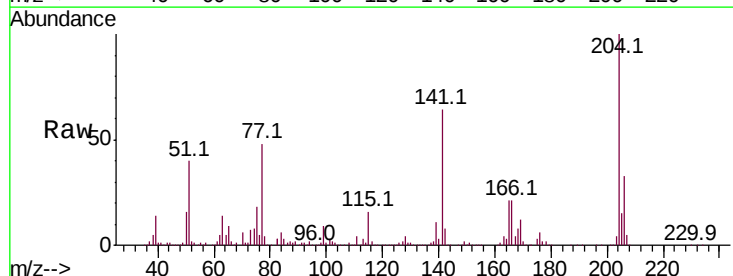
Manual Integrations
APPROVED

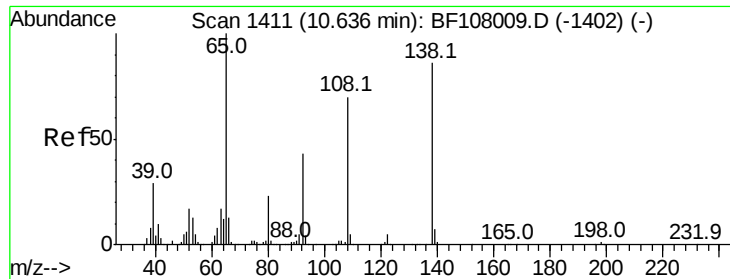
Sohil
8/10/2018 12:13:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.845 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion:204 Resp: 847321
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 64.1 54.6 81.8





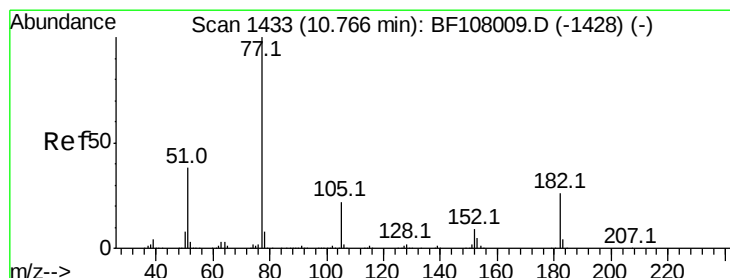
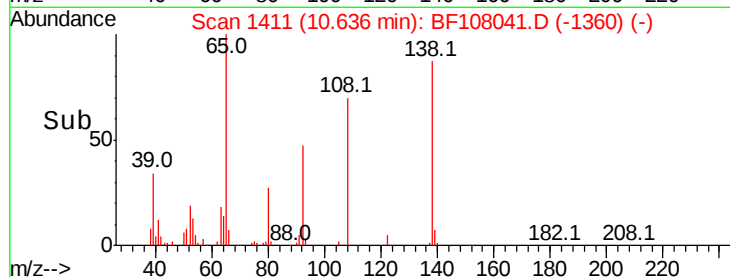
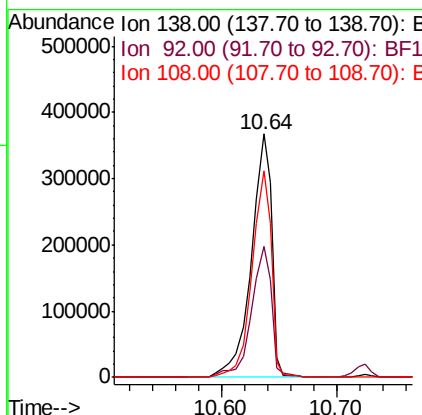
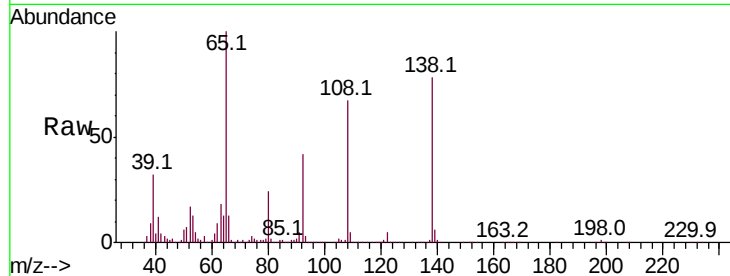
#61
4-Nitroaniline
Concen: 53.467 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.9	30.2	70.2
108	85.0	52.5	92.5

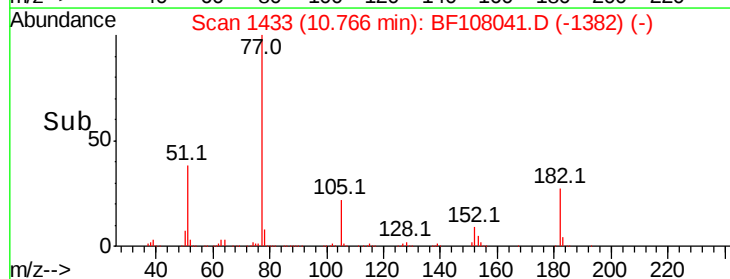
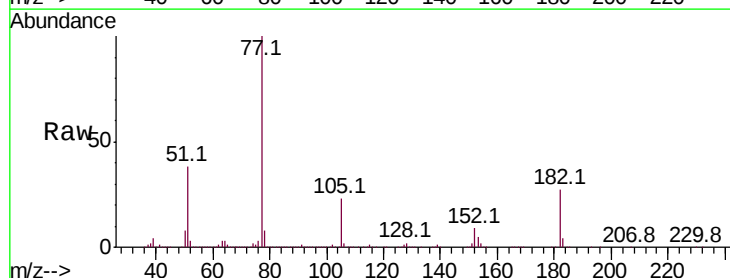
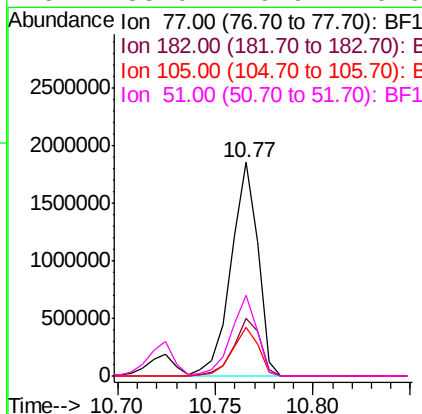
Manual Integrations
APPROVED

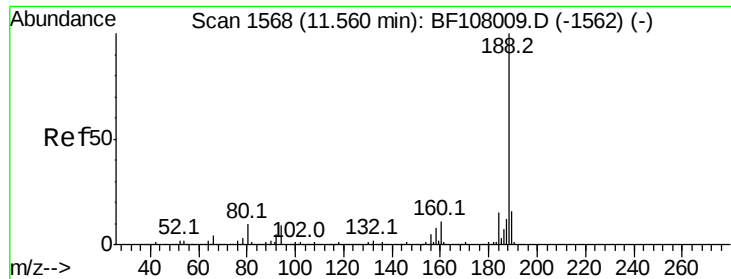
Sohil
8/10/2018 12:13:10 PM



#62
Azobenzene
Concen: 47.224 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	22.8	3.0	43.0
51	38.0	9.9	49.9





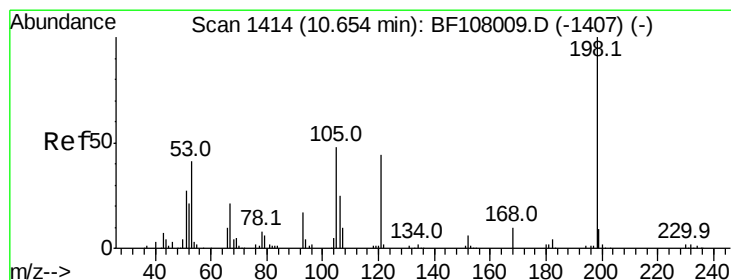
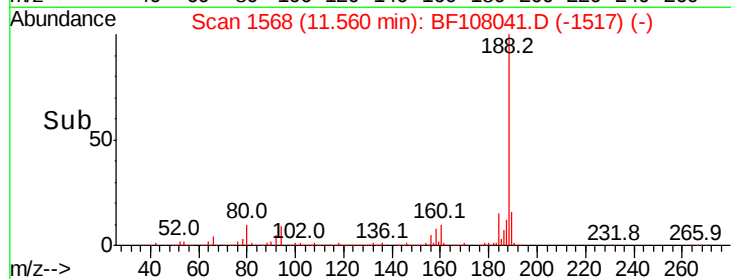
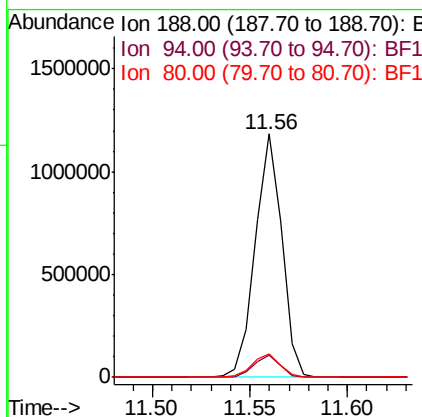
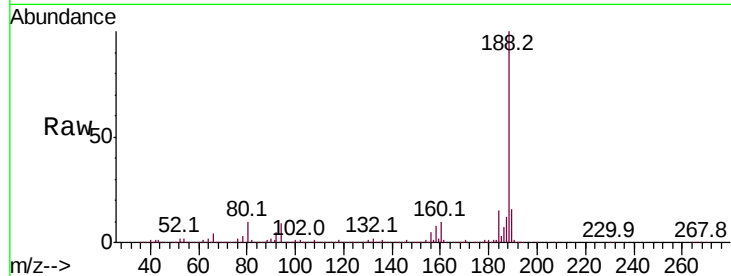
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.6	9.2	13.8

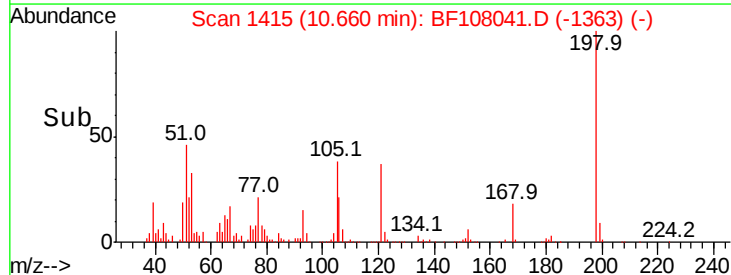
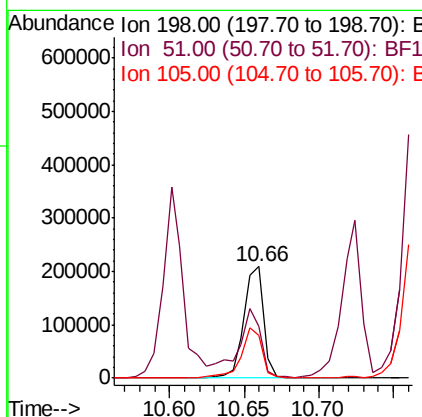
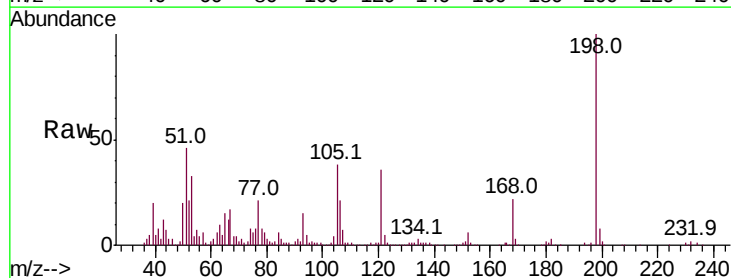
Manual Integrations
APPROVED

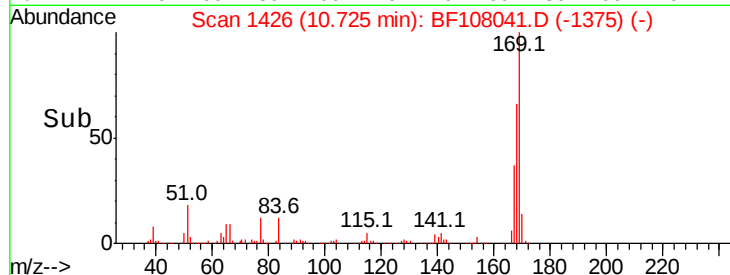
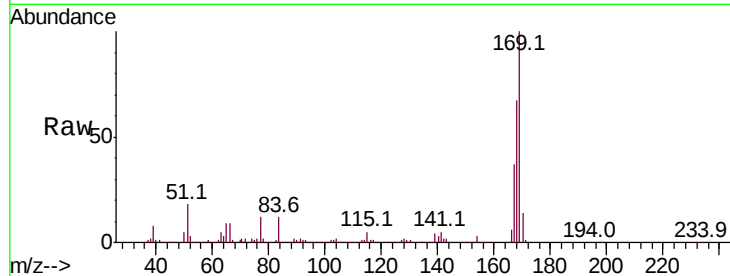
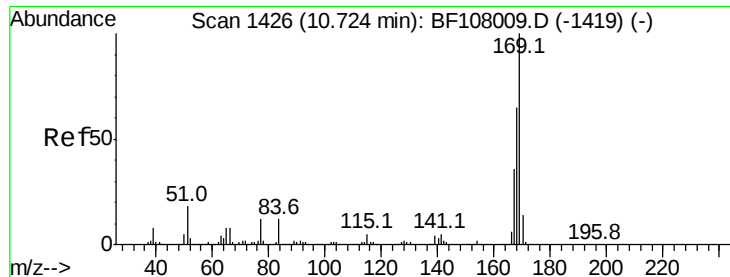
Sohil
8/10/2018 12:13:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.357 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.0	37.7	77.7
105	38.3	36.3	76.3





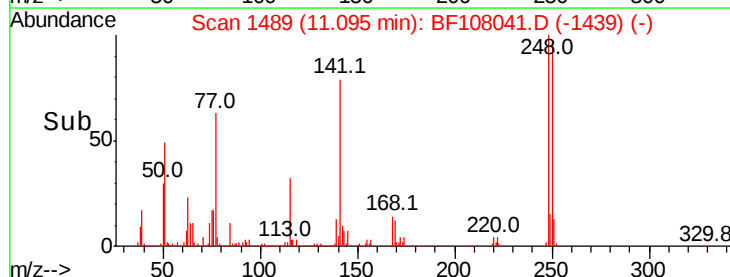
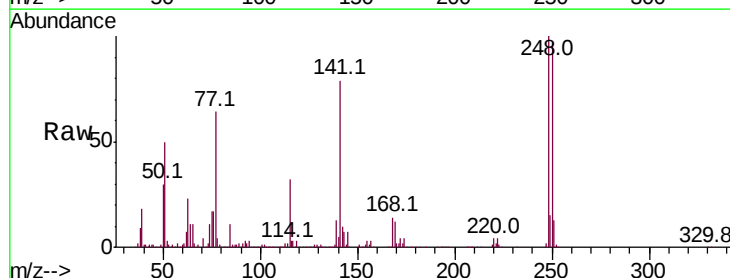
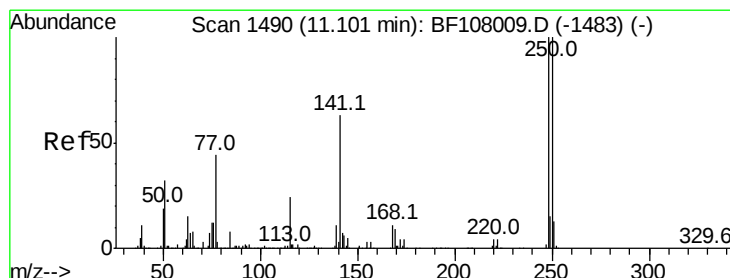
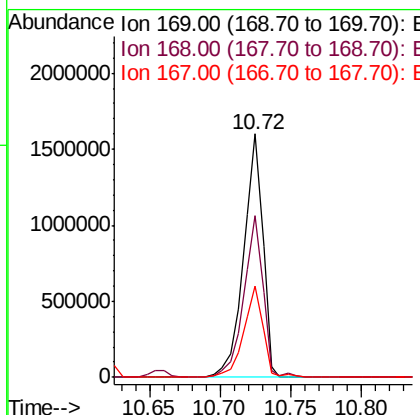
#65
n-Nitrosodiphenylamine
Concen: 45.825 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	54.4	81.6
167	37.3	29.8	44.6

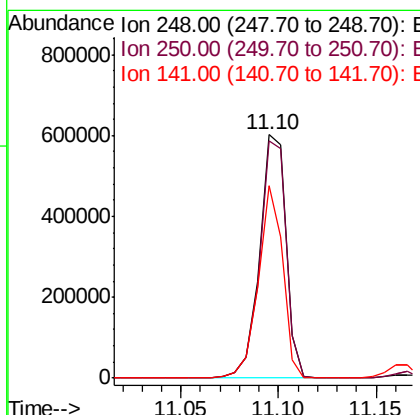
Manual Integrations
APPROVED

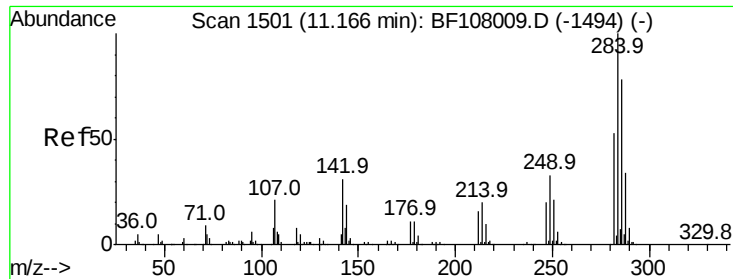
Sohil
8/10/2018 12:13:10 PM



#66
4-Bromophenyl-phenylether
Concen: 46.409 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	79.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 46.233 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

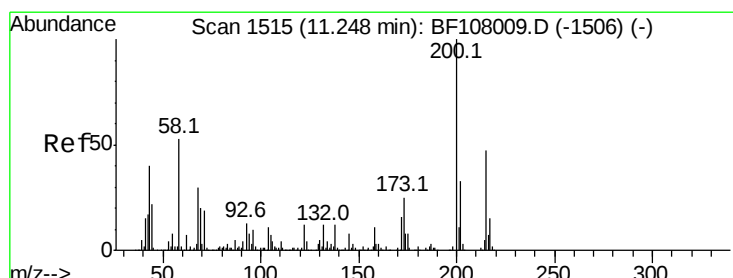
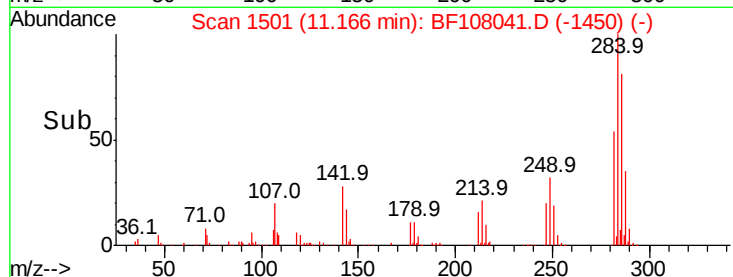
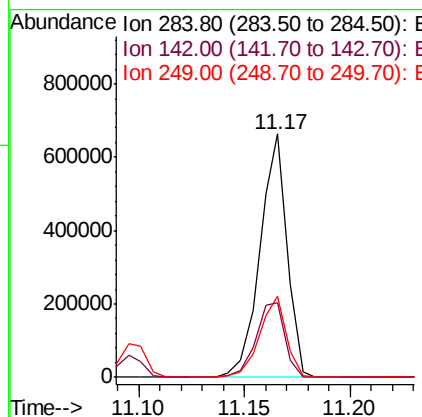
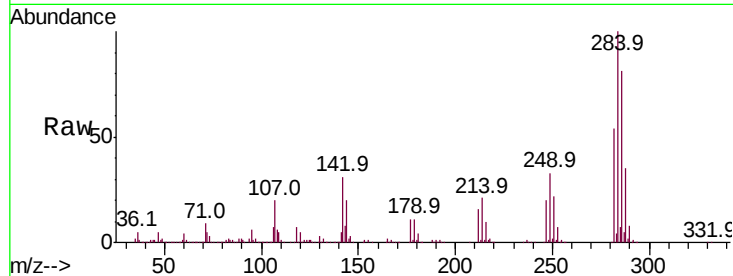
ClientSampleId :

PB111850BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	591693		
142	30.9	34.6	52.0#	
249	33.3	24.8	37.2	

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#68

Atrazine

Concen: 47.327 ng

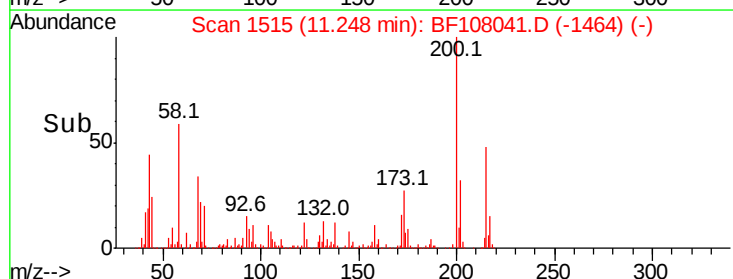
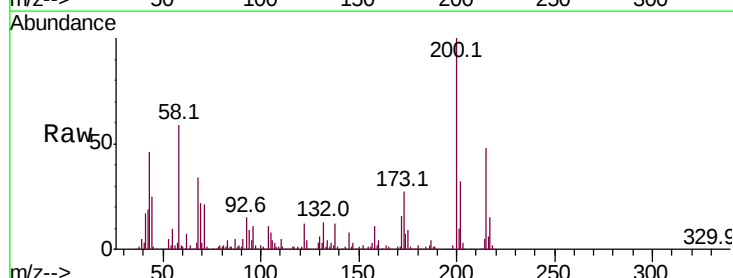
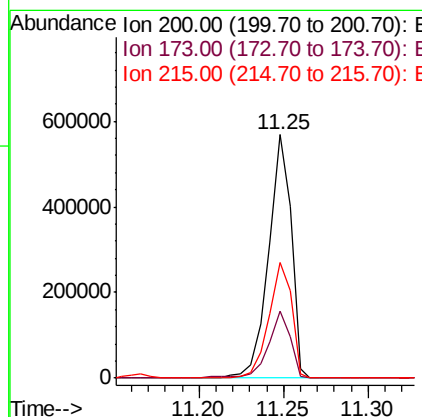
RT: 11.25 min Scan# 1515

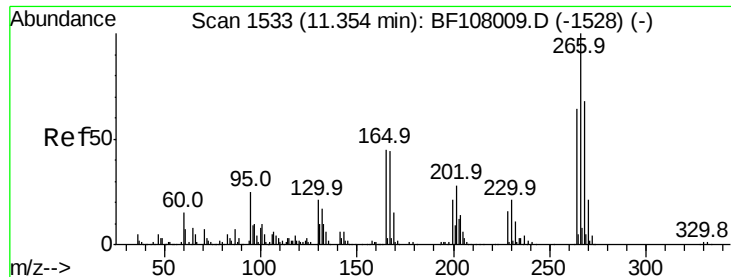
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	525035		
173	27.5	8.6	48.6	
215	47.6	25.1	65.1	





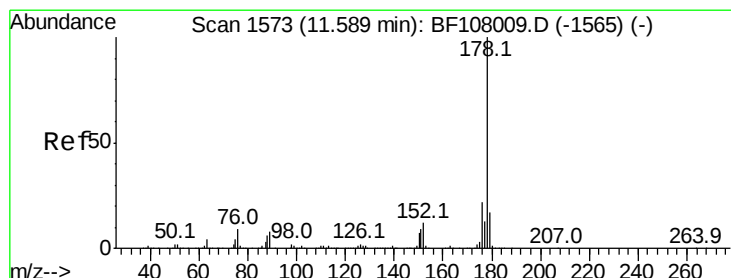
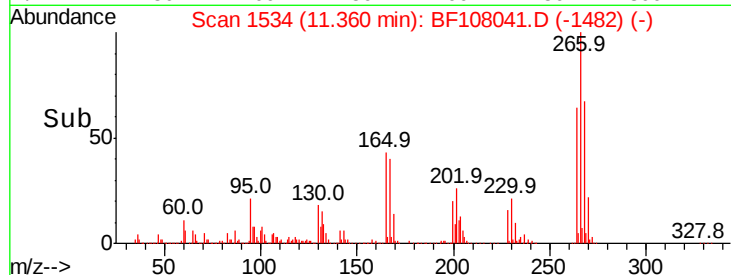
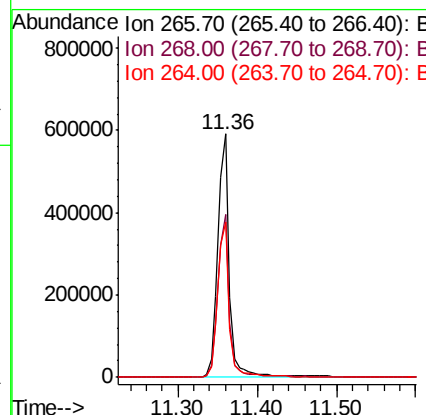
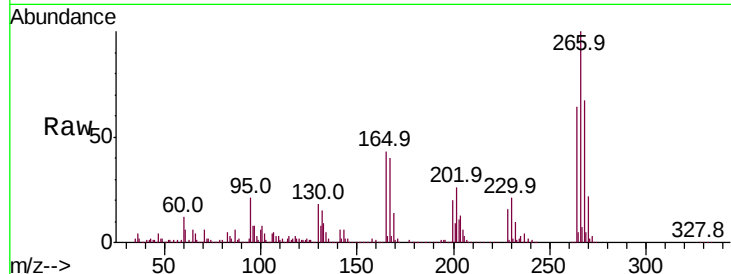
#69
 Pentachlorophenol
 Concen: 98.745 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	604881		
268	67.1		51.1	76.7
264	63.8		49.5	74.3

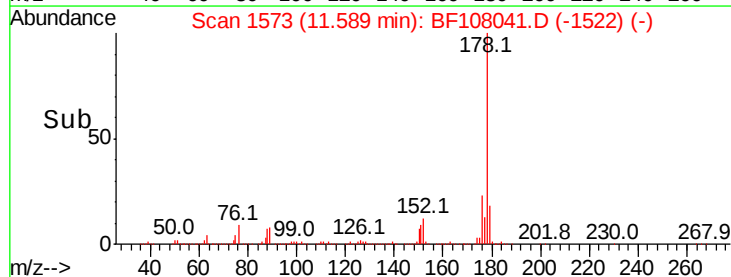
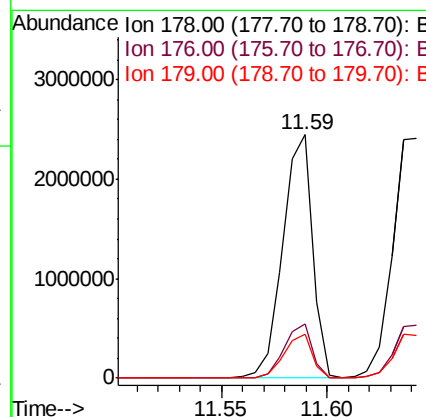
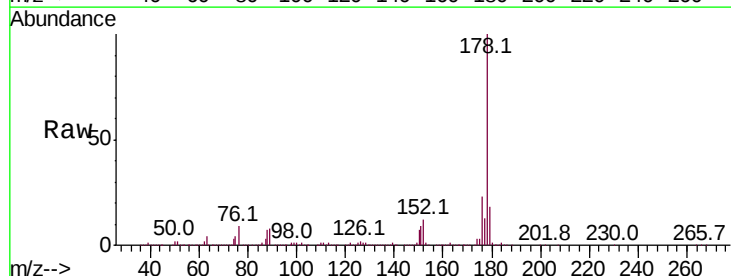
Manual Integrations
 APPROVED

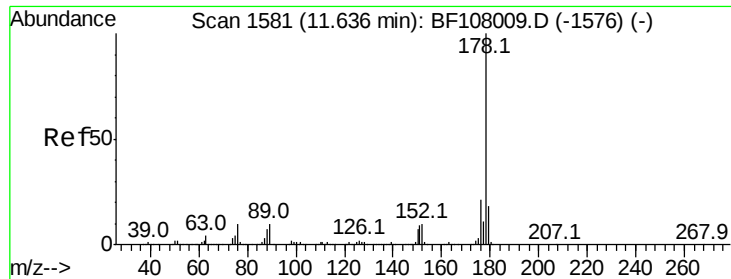
Sohil
 8/10/2018 12:13:10 PM



#70
 Phenanthrene
 Concen: 45.645 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2409697		
176	22.5		15.8	23.8
179	17.8		13.0	19.6





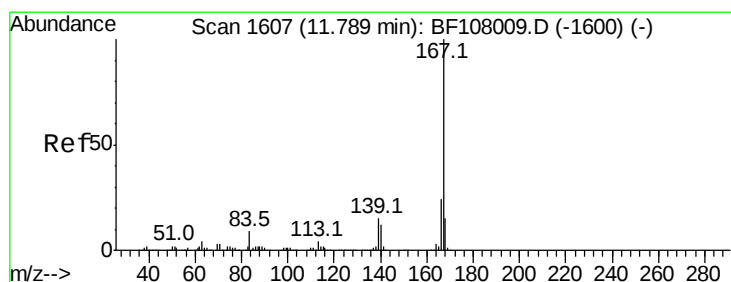
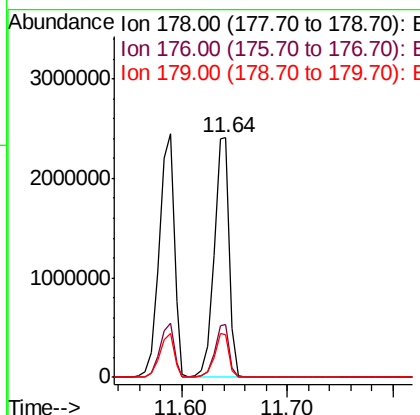
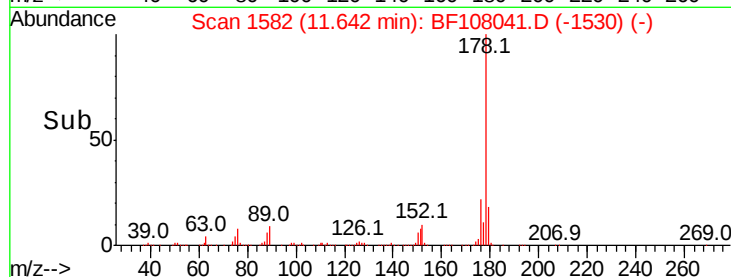
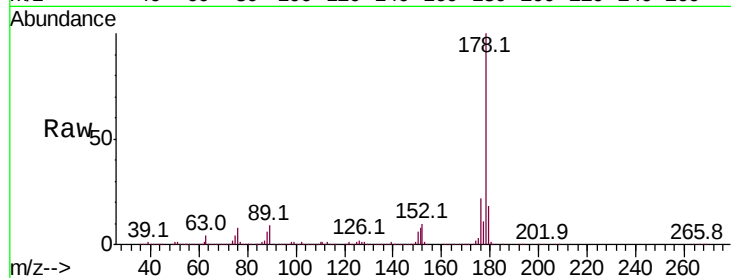
#71
 Anthracene
 Concen: 45.380 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.4	23.2
179	17.7	12.6	19.0

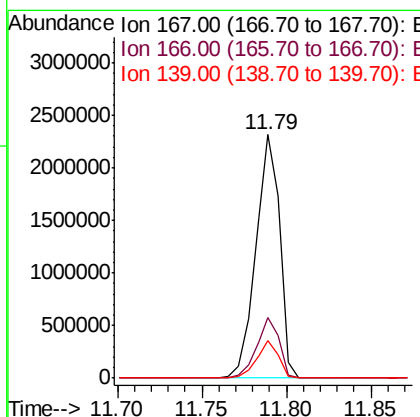
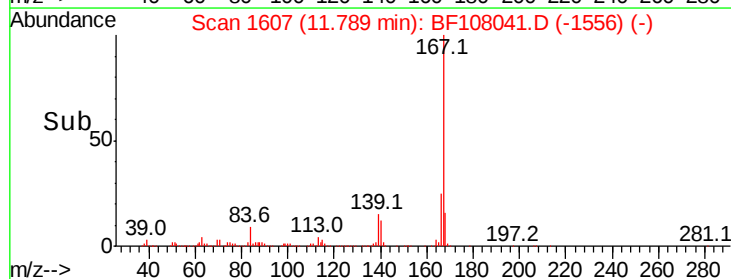
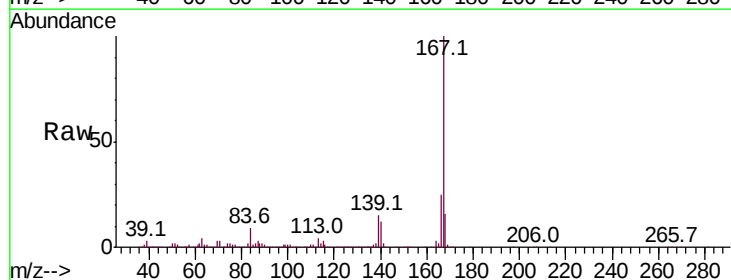
Manual Integrations
 APPROVED

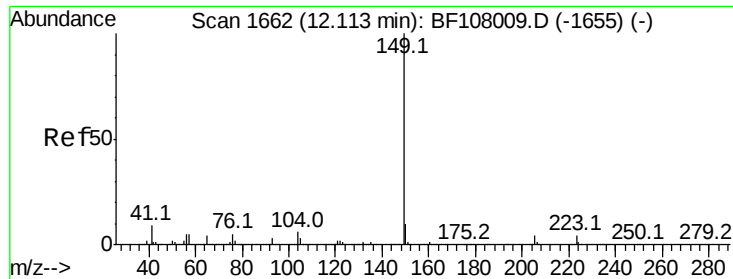
Sohil
 8/10/2018 12:13:10 PM



#72
 Carbazole
 Concen: 47.313 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.6	26.4
139	15.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 47.061 ng

RT: 12.11 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

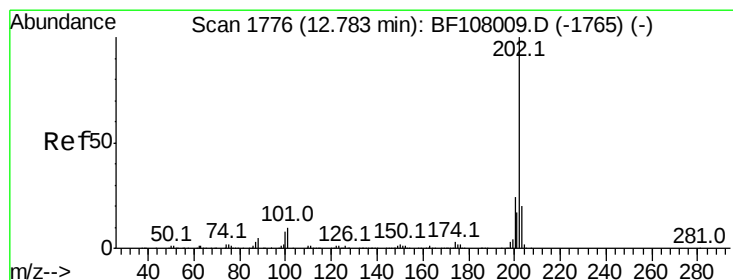
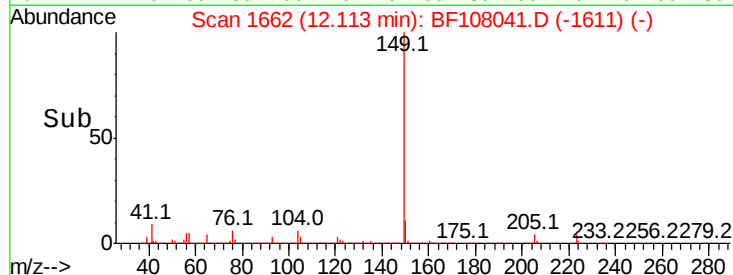
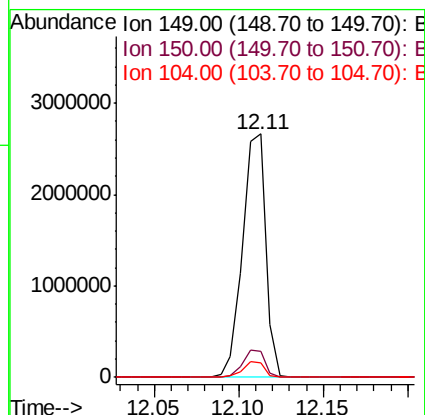
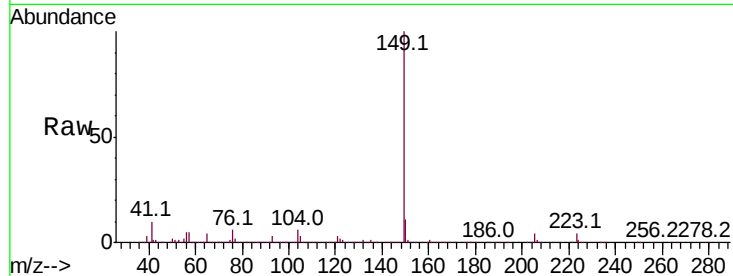
ClientSampleId :

PB111850BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.6	7.8	11.6
104	6.1	3.8	5.8

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#74

Fluoranthene

Concen: 46.718 ng

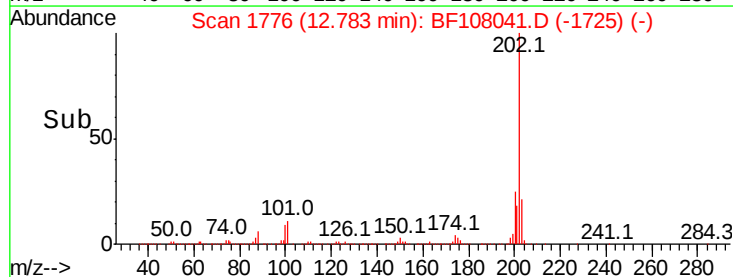
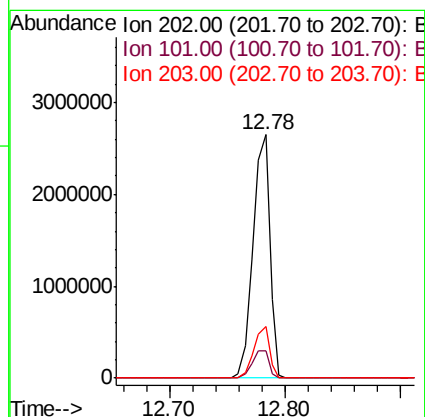
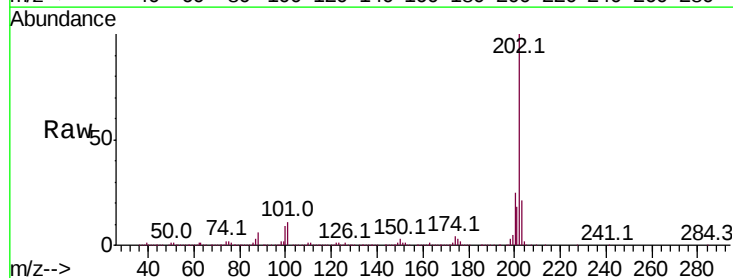
RT: 12.78 min Scan# 1776

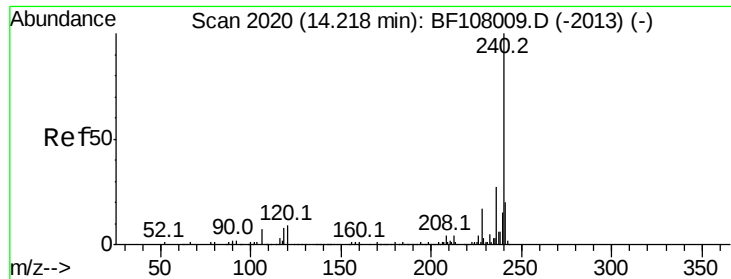
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	21.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

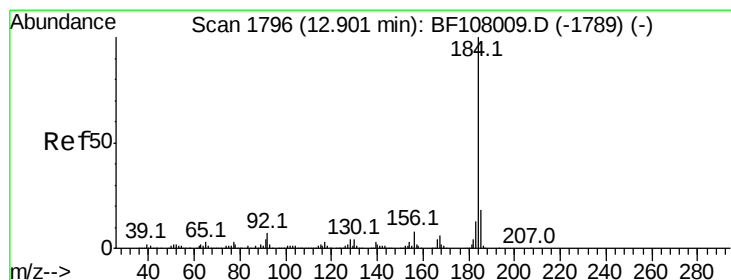
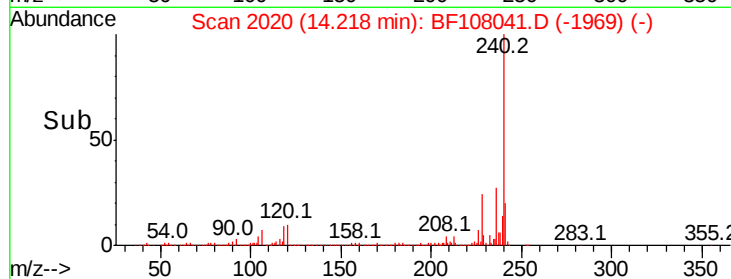
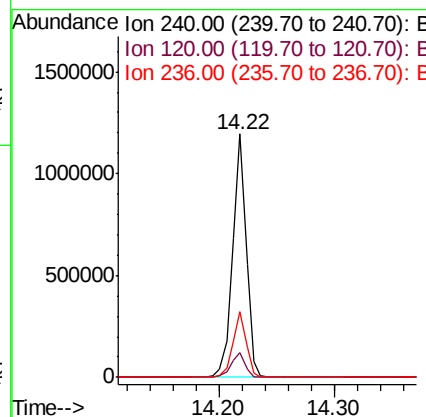
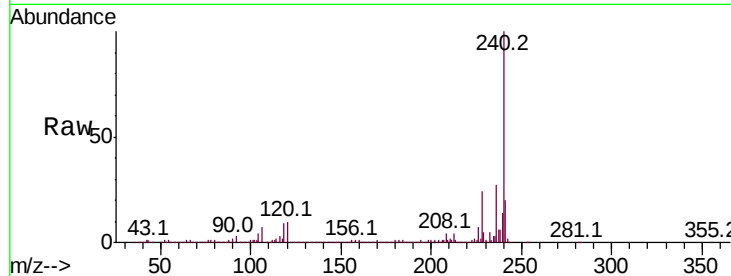
ClientSampleId :

PB111850BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	26.9	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#76

Benzidine

Concen: 32.580 ng

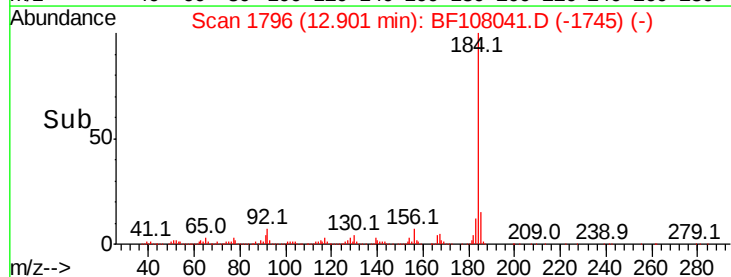
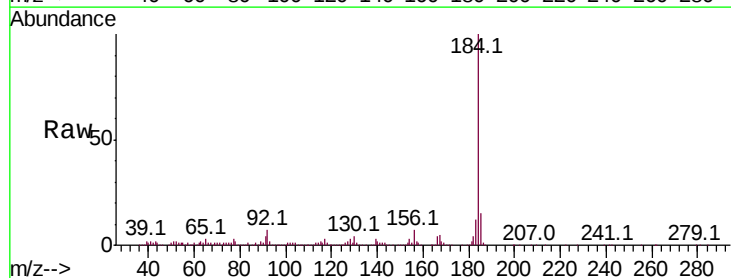
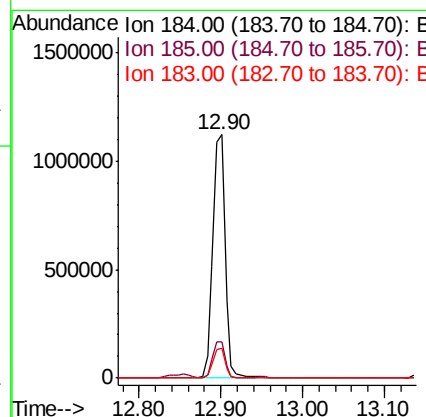
RT: 12.90 min Scan# 1796

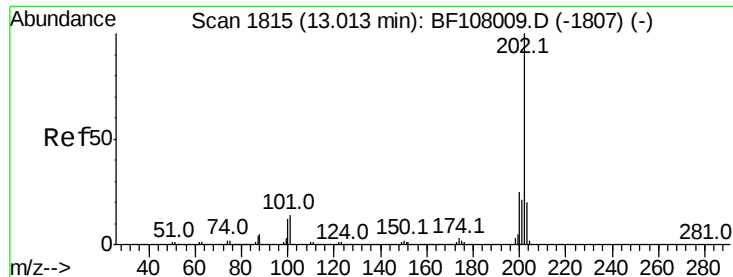
Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.4	9.3	13.9





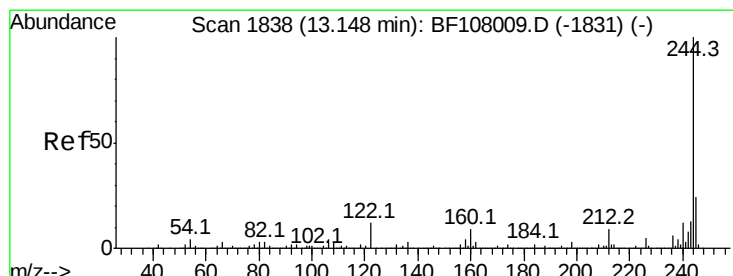
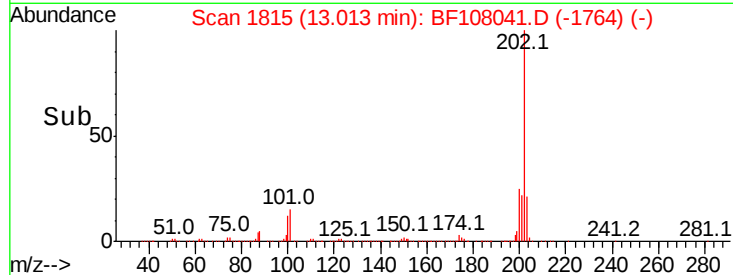
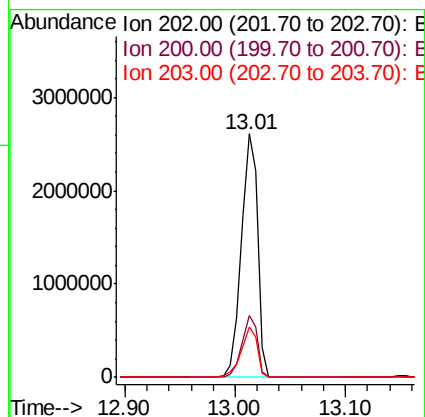
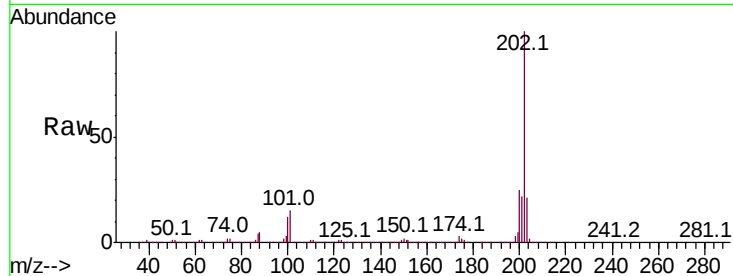
#77
Pvrene
Concen: 44.219 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.3	17.4	26.2
203	20.8	14.3	21.5

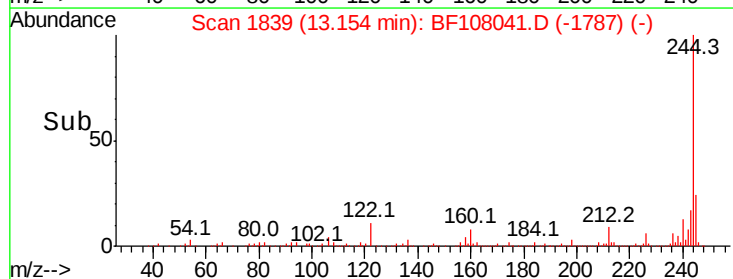
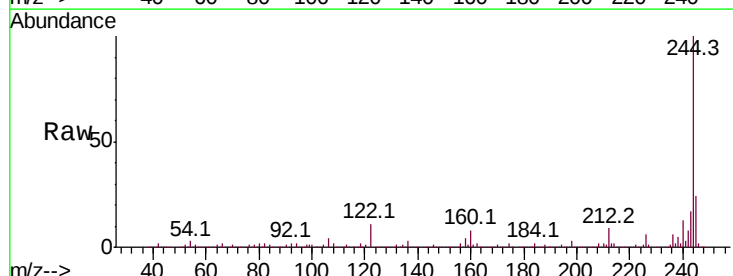
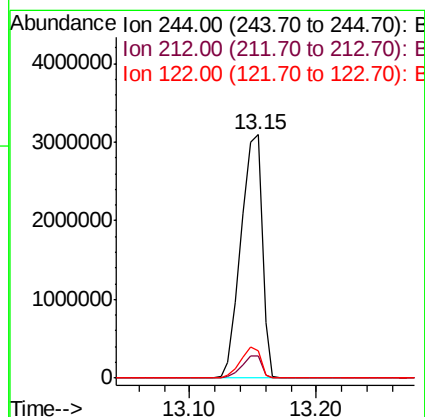
Manual Integrations
APPROVED

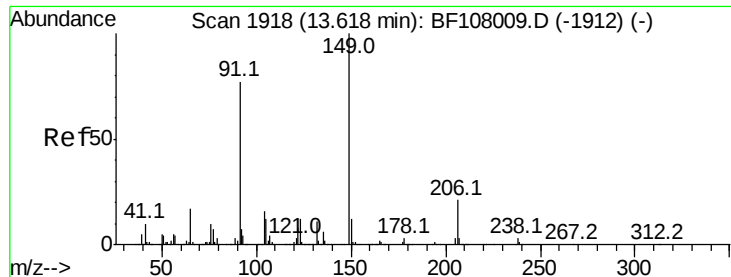
Sohil
8/10/2018 12:13:10 PM



#78
Terphenyl-d14
Concen: 93.464 ng
RT: 13.15 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.4	8.0#
122	11.1	11.0	16.4





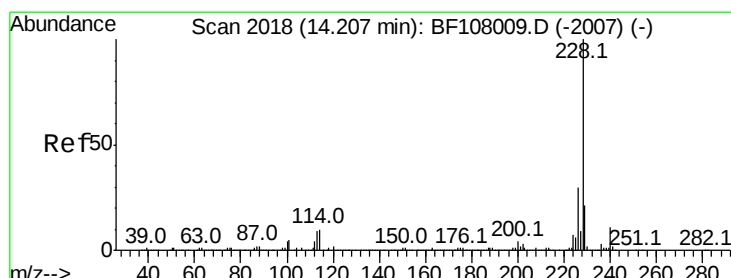
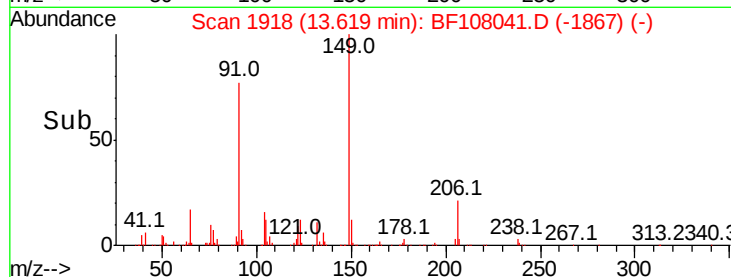
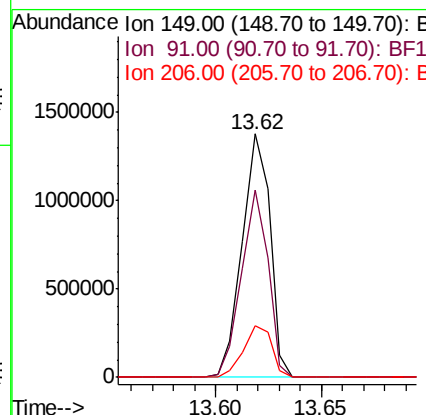
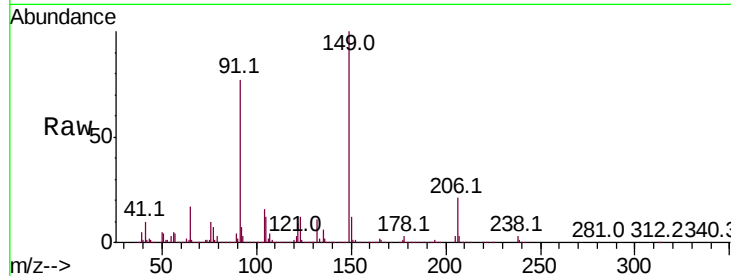
#79
Butylbenzylphthalate
Concen: 51.608 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.2	56.8	85.2
206	21.0	14.1	21.1

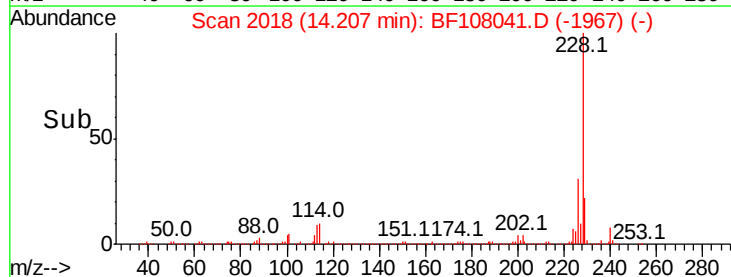
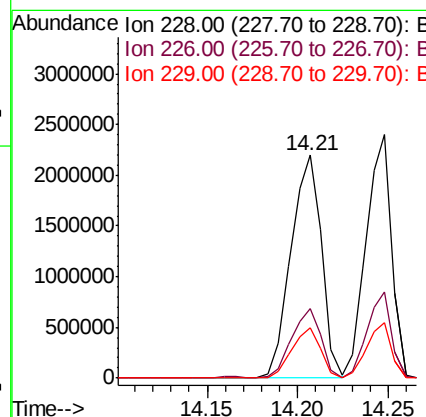
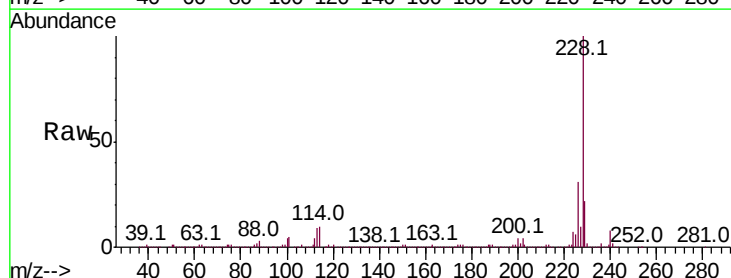
Manual Integrations
APPROVED

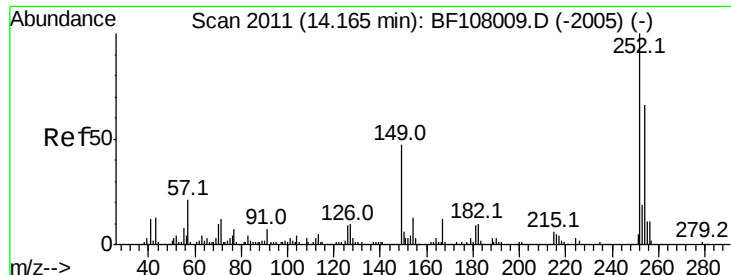
Sohil
8/10/2018 12:13:10 PM



#80
Benzo(a)anthracene
Concen: 46.631 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	22.4	15.8	23.6





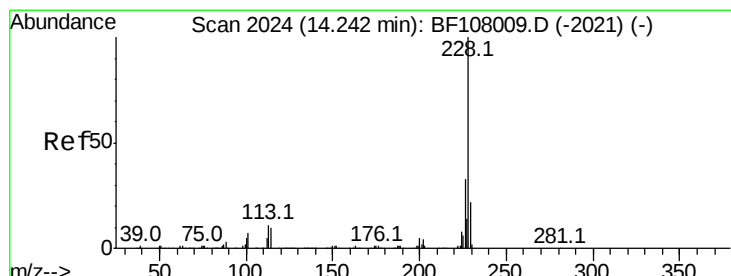
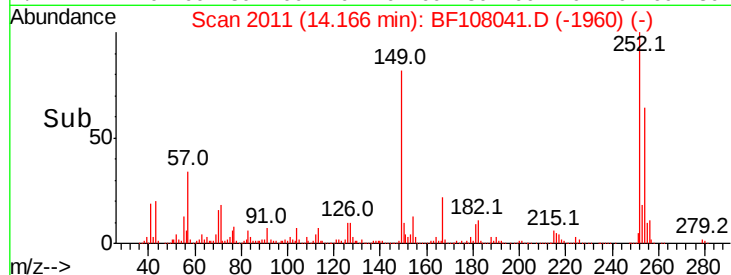
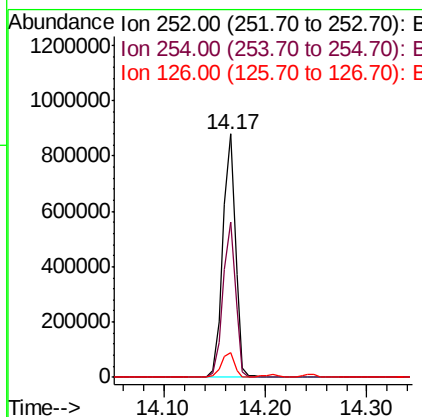
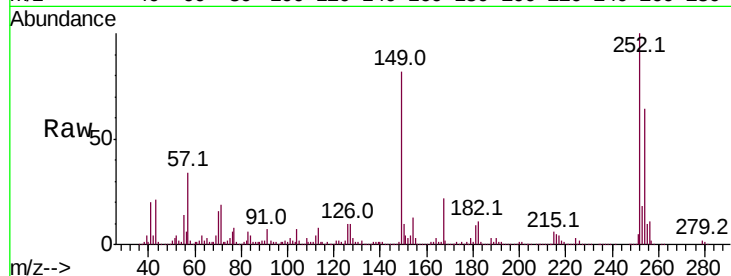
#81
 3,3'-Dichlorobenzidine
 Concen: 38.161 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion:	252	Resp:	762580
Ion Ratio	Lower	Upper	
252	100		
254	63.8	50.4	75.6
126	10.2	11.3	16.9#

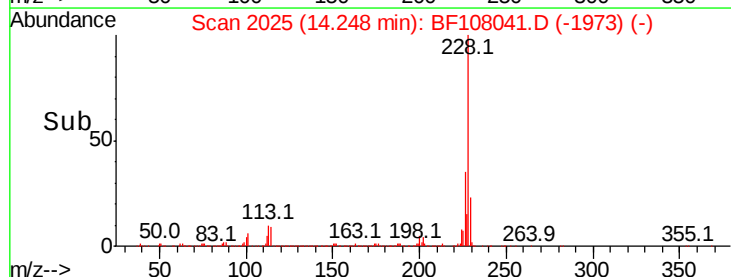
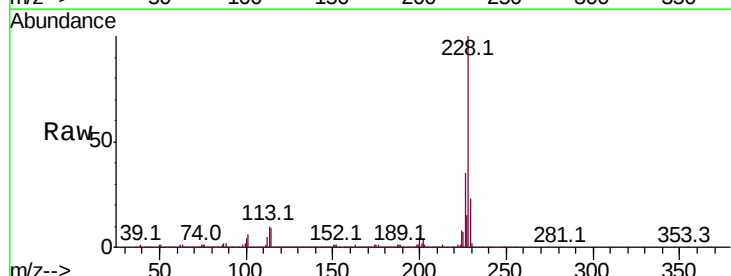
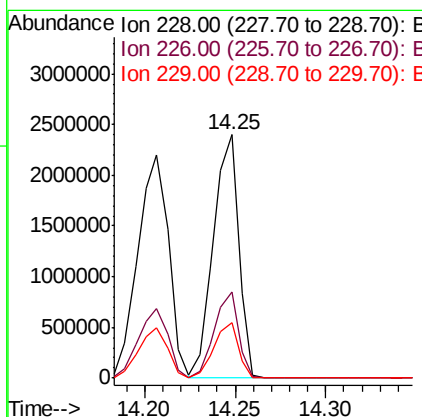
Manual Integrations
 APPROVED

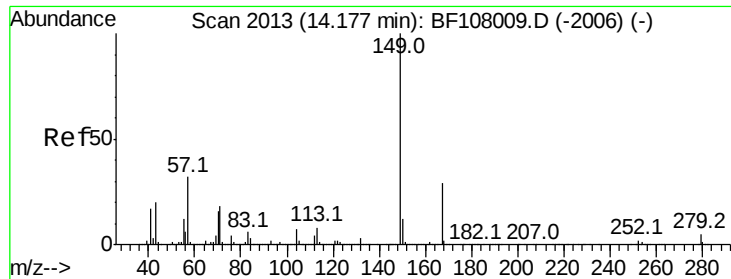
Sohil
 8/10/2018 12:13:10 PM



#82
 Chrysene
 Concen: 45.856 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion:	228	Resp:	2344235
Ion Ratio	Lower	Upper	
228	100		
226	35.2	25.0	37.6
229	22.9	16.2	24.4





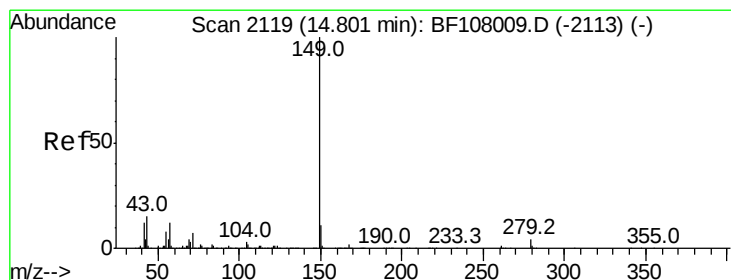
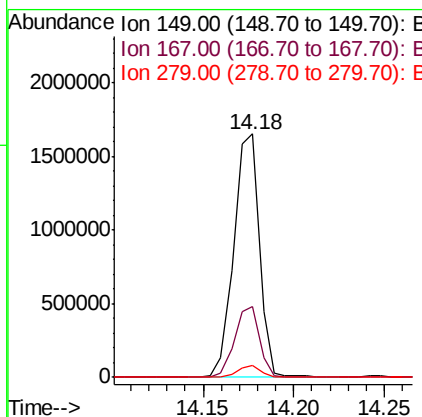
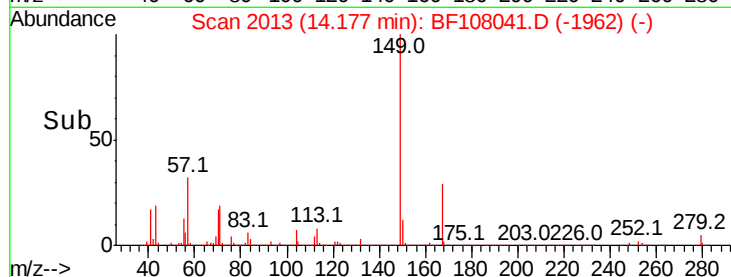
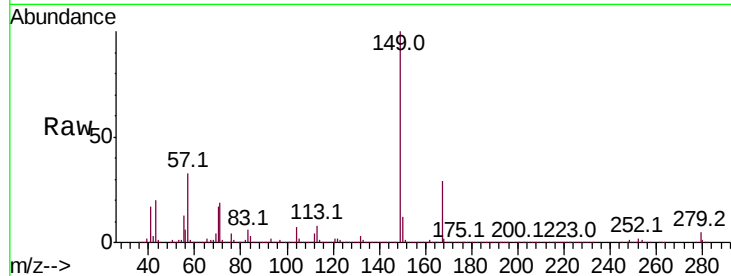
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.153 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion:149 Resp: 1625851
 Ion Ratio Lower Upper
 149 100
 167 29.2 21.3 31.9
 279 4.8 3.0 4.4#

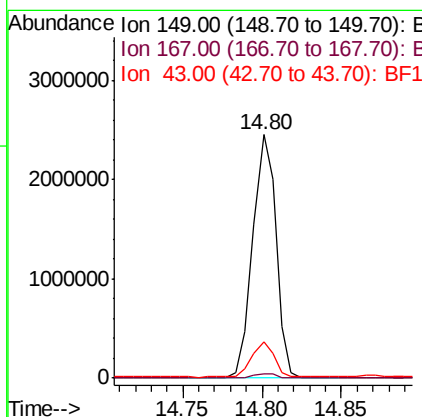
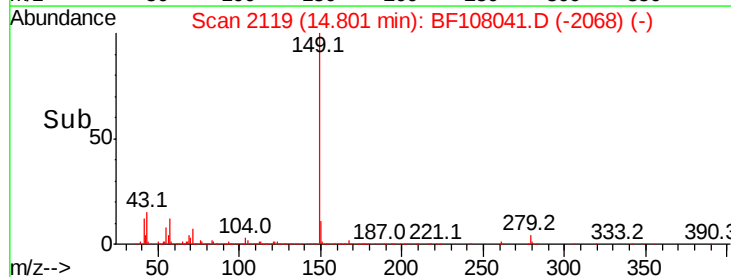
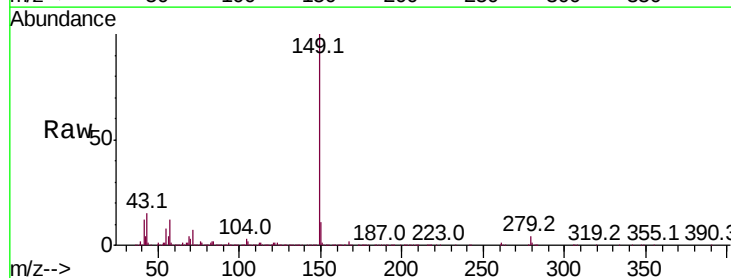
Manual Integrations
 APPROVED

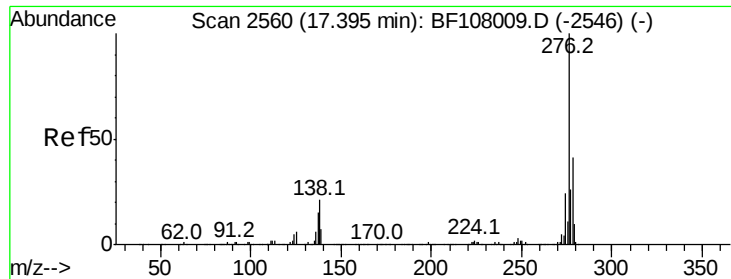
Sohil
 8/10/2018 12:13:10 PM



#84
 Di-n-octyl phthalate
 Concen: 49.907 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Tgt Ion:149 Resp: 2517614
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.6 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.832 ng

RT: 17.39 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

Instrument :

BNA_F

ClientSampleId :

PB111850BS

Tot Ion:276 Resp: 2118702

Ion Ratio Lower Upper

276 100

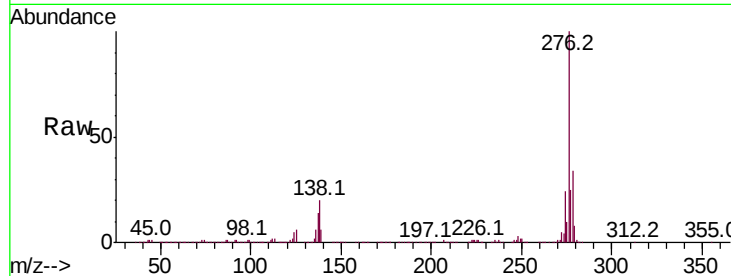
138 22.8 25.0 37.6#

277 25.6 20.1 30.1

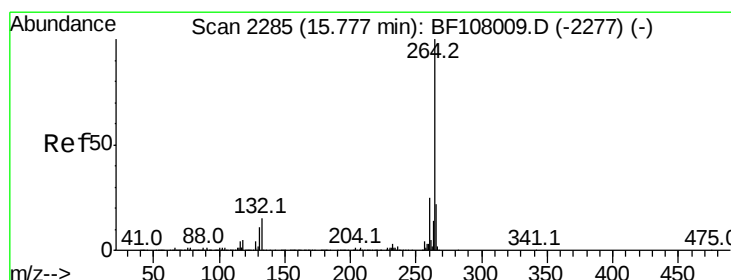
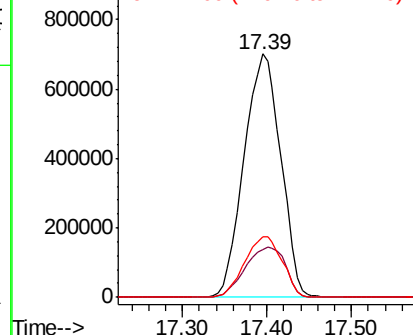
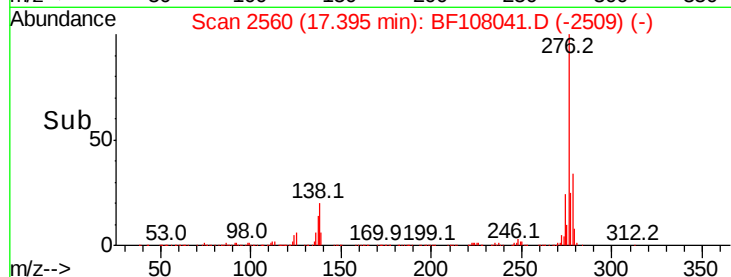
Manual Integrations
APPROVED

Sohil

8/10/2018 12:13:10 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108041.D

Acq: 9 Aug 2018 10:04

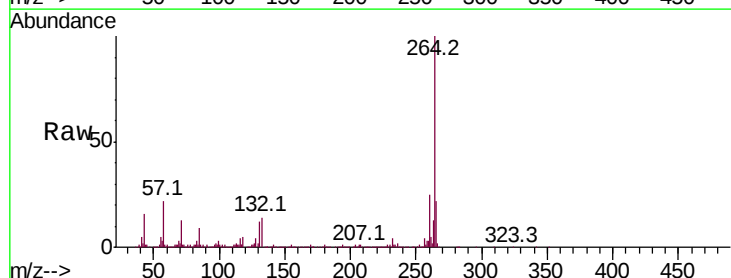
Tgt Ion:264 Resp: 744328

Ion Ratio Lower Upper

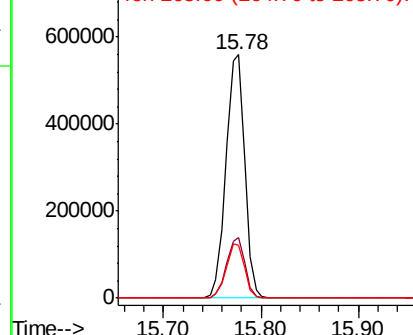
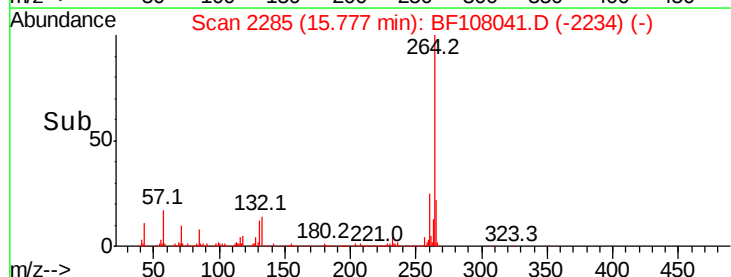
264 100

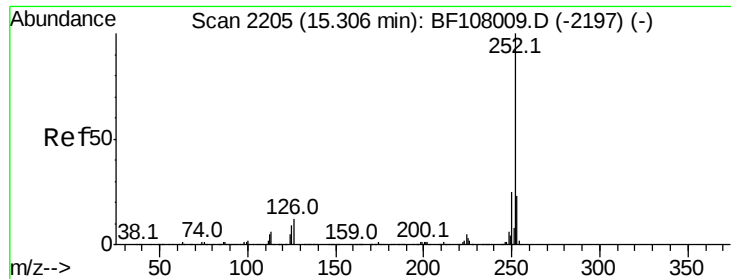
260 24.7 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





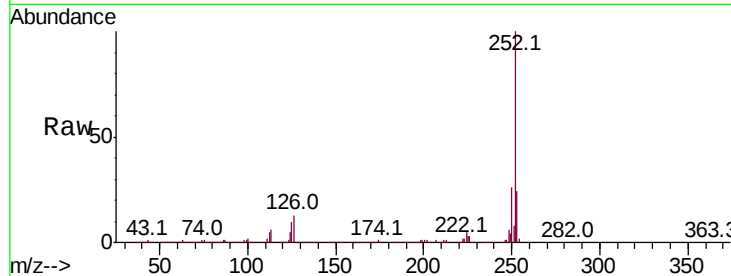
#87
Benzo(b)fluoranthene
Concen: 52.014 ng
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

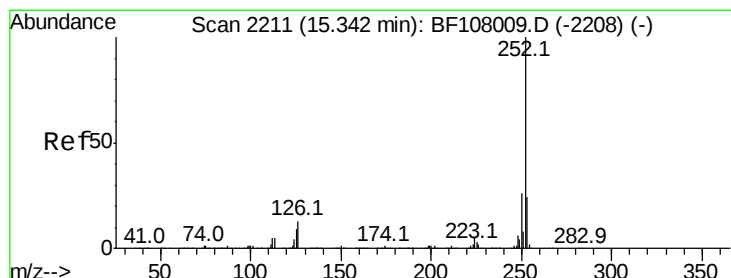
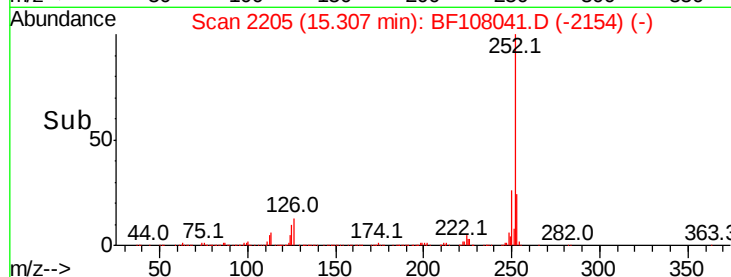
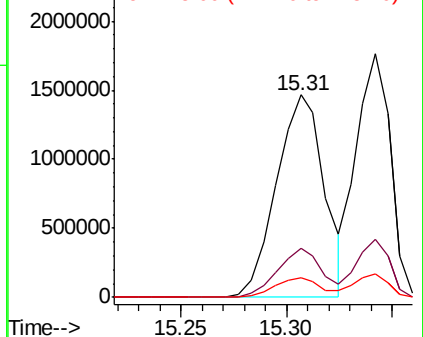
Tot Ion:252 Resp: 2313404
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 9.6 9.0 13.6

Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



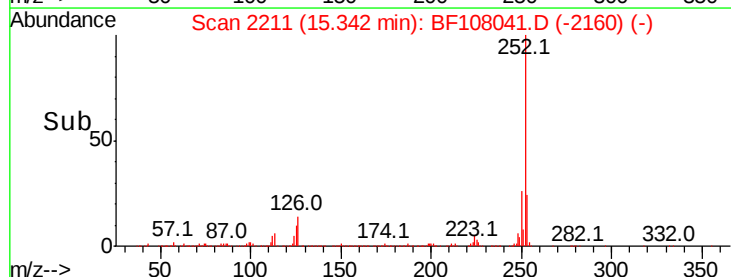
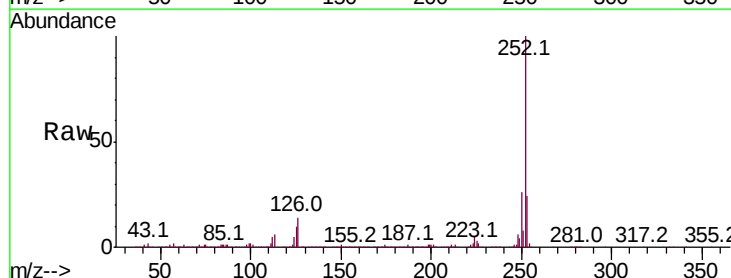
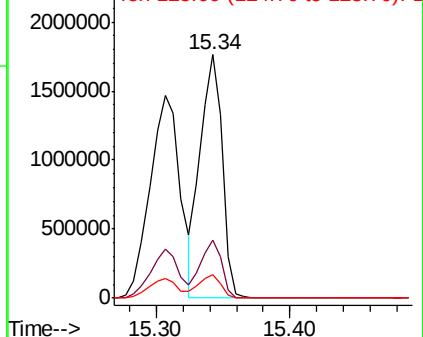
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

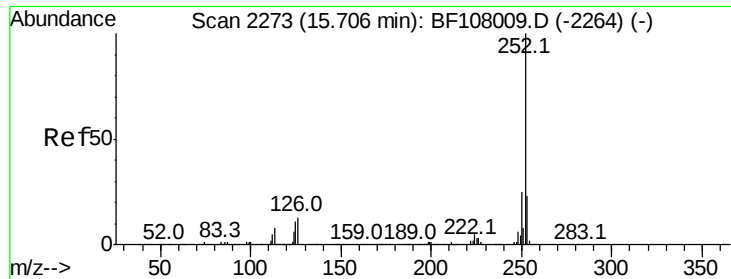


#88
Benzo(k)fluoranthene
Concen: 49.020 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion:252 Resp: 2004166
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 9.7 10.2 15.2#

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





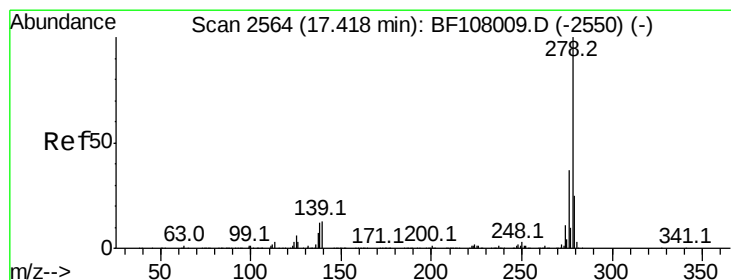
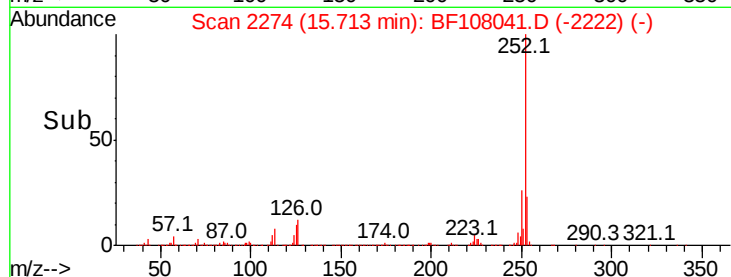
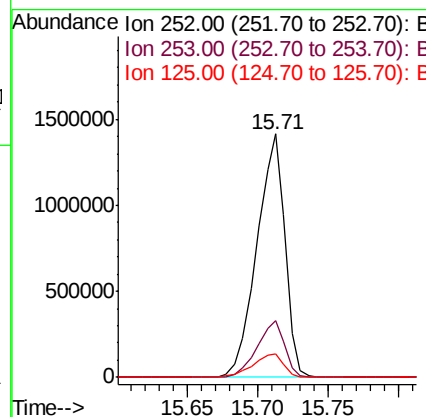
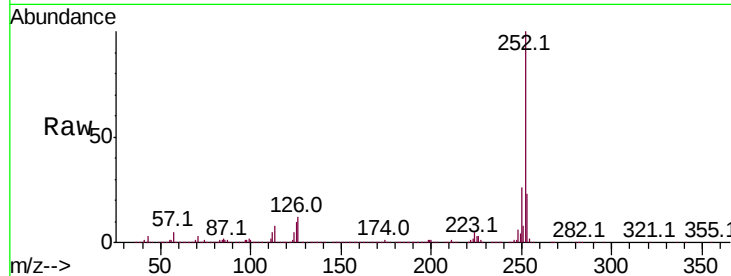
#89
Benzo(a)pyrene
Concen: 49.634 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Tot Ion:252 Resp: 1976800
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 9.7 9.8 14.6#

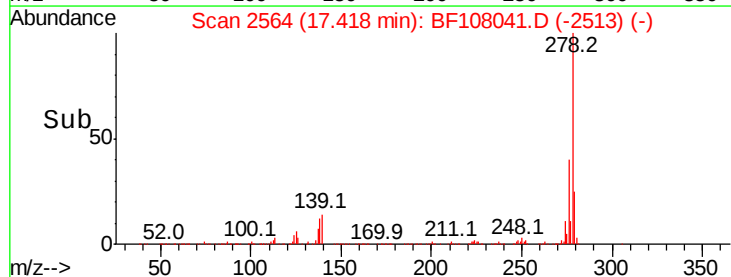
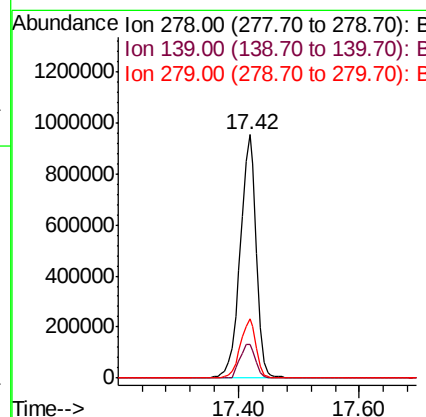
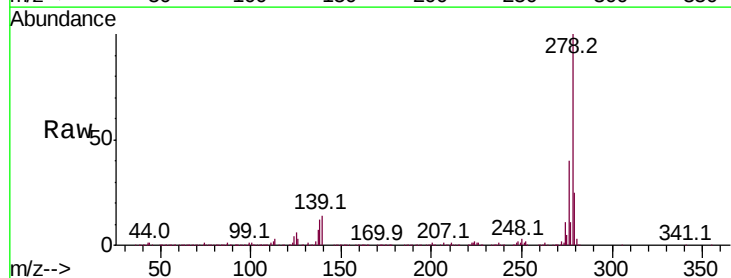
Manual Integrations
APPROVED

Sohil
8/10/2018 12:13:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 53.630 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108041.D
Acq: 9 Aug 2018 10:04

Tgt Ion:278 Resp: 1767302
Ion Ratio Lower Upper
278 100
139 14.0 15.9 23.9#
279 24.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 55.447 ng
 RT: 17.90 min Scan# 2646
 Delta R.T. 0.01 min
 Lab File: BF108041.D
 Acq: 9 Aug 2018 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	19.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/10/2018 12:13:10 PM

