

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108543.D
 Acq On : 28 Aug 2018 6:51
 Operator : JU/SJ
 Sample : PB112391BSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Manual Integrations
 APPROVED

Sohil
 8/28/2018 12:16:50 PM

Quant Time: Aug 28 08:46:57 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	117044	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	416652	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	191359	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	329594	20.00	ng	0.00
75) Chrysene-d12	14.19	240	254758	20.00	ng	0.00
86) Perylene-d12	15.75	264	205361	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	637927	98.68	ng	0.00
7) Phenol-d6	6.63	99	853513	99.35	ng	0.00
23) Nitrobenzene-d5	7.57	82	826832	110.74	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	198776	104.14	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1492266	125.20	ng	0.00
78) Terphenyl-d14	13.12	244	1205688	120.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	130334	39.235	ng	90
3) Pyridine	3.72	79	377825	44.153	ng	86
4) n-Nitrosodimethylamine	3.69	42	214817	44.613	ng	81
6) Aniline	6.67	93	357468	30.590	ng	97
8) 2-Chlorophenol	6.79	128	378280	51.953	ng	95
9) Benzaldehyde	6.55	77	205723	30.886	ng	96
10) Phenol	6.64	94	466753	52.524	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	363674	50.621	ng	91
12) 1,3-Dichlorobenzene	6.94	146	421651	50.083	ng	98
13) 1,4-Dichlorobenzene	7.02	146	428741	50.686	ng	98
14) 1,2-Dichlorobenzene	7.17	146	396880	50.442	ng	99
15) Benzyl Alcohol	7.14	79	347993	48.117	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	692549	46.793	ng	99
17) 2-Methylphenol	7.25	107	316356	50.665	ng	93
18) Hexachloroethane	7.51	117	136034	45.172	ng	# 88
19) n-Nitroso-di-n-propylamine	7.41	70	285145	49.083	ng	92
20) 3+4-Methylphenols	7.40	107	383787	47.964	ng	# 75
22) Acetophenone	7.41	105	533560	54.767	ng	# 88
24) Nitrobenzene	7.59	77	417667	55.317	ng	97
25) Isophorone	7.82	82	757406	53.219	ng	97
26) 2-Nitrophenol	7.90	139	169646	59.496	ng	92
27) 2,4-Dimethylphenol	7.93	122	343275	54.346	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	456929	54.997	ng	99
29) 2,4-Dichlorophenol	8.14	162	322401	55.464	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	353397	55.142	ng	98
31) Naphthalene	8.31	128	1061272	56.008	ng	99
32) Benzoic acid	8.05	122	103450	30.685	ng	87
33) 4-Chloroaniline	8.35	127	96839	11.727	ng	96
34) Hexachlorobutadiene	8.41	225	232334	57.265	ng	99
35) Caprolactam	8.74	113	94837m	52.062	ng	
36) 4-Chloro-3-methylphenol	8.84	107	333917	53.249	ng	97
37) 2-Methylnaphthalene	9.00	142	717599	53.527	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	362620	61.707	ng	97
40) Hexachlorocyclopentadiene	9.14	237	127881	33.691	ng	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108543.D
 Acq On : 28 Aug 2018 6:51
 Operator : JU/SJ
 Sample : PB112391BSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

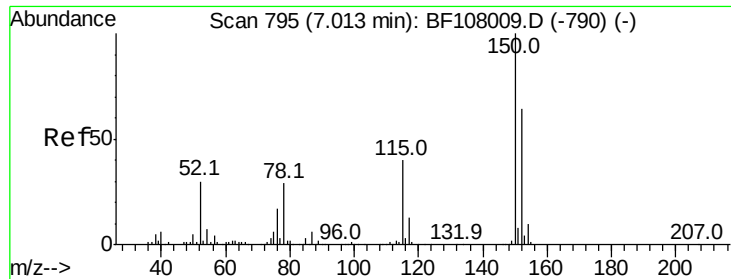
Manual Integrations
 APPROVED

Sohil
 8/28/2018 12:16:50 PM

Quant Time: Aug 28 08:46:57 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	222126	60.913	nq	100
43) 2,4,5-Trichlorophenol	9.32	196	235926	58.772	nq #	97
45) 1,1'-Biphenyl	9.46	154	865172	61.321	nq	99
46) 2-Chloronaphthalene	9.50	162	650739	58.356	nq	97
47) 2-Nitroaniline	9.59	65	214519	59.455	nq	91
48) Acenaphthylene	9.91	152	1014557	57.550	nq	99
49) Dimethylphthalate	9.76	163	808522	60.656	nq #	99
50) 2,6-Dinitrotoluene	9.83	165	162772	58.365	nq	98
51) Acenaphthene	10.08	154	584984	54.176	nq	98
52) 3-Nitroaniline	10.00	138	94370	30.927	nq	97
53) 2,4-Dinitrophenol	10.11	184	39308	41.378	nq #	23
54) Dibenzofuran	10.25	168	877660	56.104	nq	98
55) 4-Nitrophenol	10.16	139	201707	87.295	nq #	79
56) 2,4-Dinitrotoluene	10.24	165	203191	56.603	nq #	98
57) Fluorene	10.60	166	673092	54.353	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	181410	54.068	nq #	85
59) Diethylphthalate	10.46	149	760454	58.915	nq	95
60) 4-Chlorophenyl-phenylether	10.58	204	362677	56.204	nq	94
61) 4-Nitroaniline	10.62	138	139393	46.206	nq	95
62) Azobenzene	10.75	77	709814	53.249	nq	92
64) 4,6-Dinitro-2-methylphenol	10.64	198	34000	29.768	nq	93
65) n-Nitrosodiphenylamine	10.71	169	614520	63.094	nq	96
66) 4-Bromophenyl-phenylether	11.08	248	223461	62.388	nq #	86
67) Hexachlorobenzene	11.15	284	222315	58.991	nq #	88
68) Atrazine	11.22	200	203518	62.299	nq	98
69) Pentachlorophenol	11.34	266	190572	105.649	nq	97
70) Phenanthrene	11.57	178	894923	57.567	nq	99
71) Anthracene	11.62	178	924105	57.998	nq	100
72) Carbazole	11.77	167	784377	55.408	nq	100
73) Di-n-butylphthalate	12.08	149	1071530	66.826	nq	99
74) Fluoranthene	12.76	202	925701	54.561	nq	96
76) Benzidine	12.88	184	514959	54.102	nq	98
77) Pyrene	12.99	202	923387	57.251	nq	99
79) Butylbenzylphthalate	13.59	149	394563	61.607	nq	94
80) Benzo(a)anthracene	14.18	228	841734	57.572	nq	99
81) 3,3'-Dichlorobenzidine	14.14	252	275111	52.506	nq #	96
82) Chrysene	14.22	228	787540	58.754	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	536766	61.890	nq	99
84) Di-n-octyl phthalate	14.77	149	919413	69.511	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	614800	52.936	nq #	90
87) Benzo(b)fluoranthene	15.28	252	696477m	56.757	nq	
88) Benzo(k)fluoranthene	15.31	252	693678	61.495	nq #	96
89) Benzo(a)pyrene	15.68	252	630303	57.360	nq #	96
90) Dibenzo(a,h)anthracene	17.38	278	529435	58.231	nq #	93
91) Benzo(g,h,i)perylene	17.86	276	497565	55.577	nq #	90

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



#1

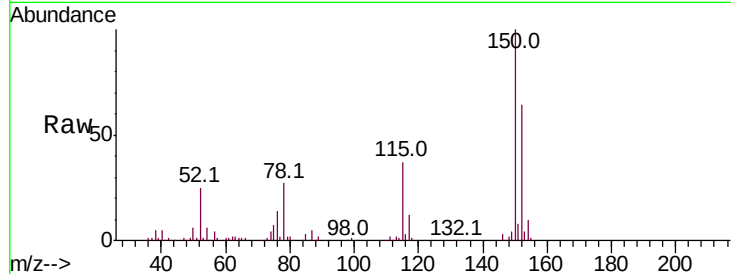
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampled :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

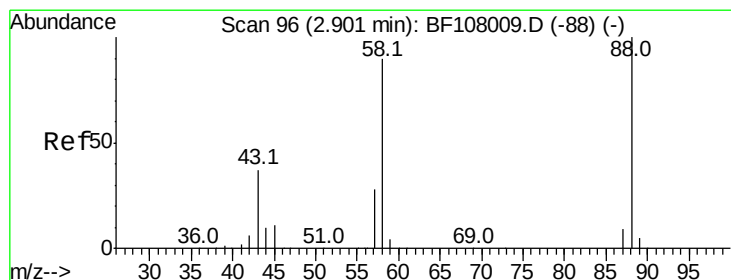
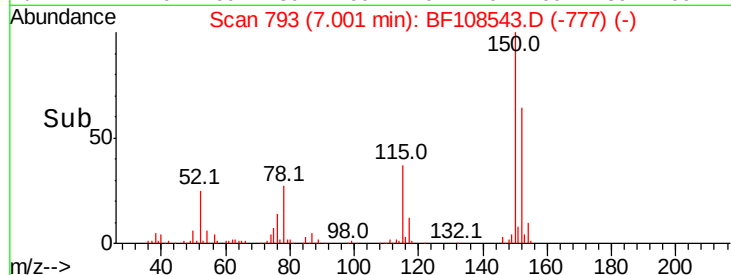
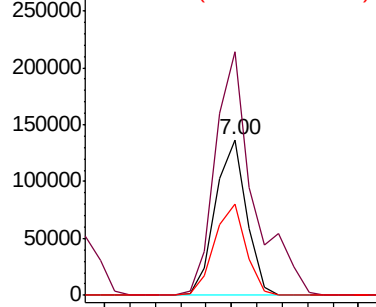


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

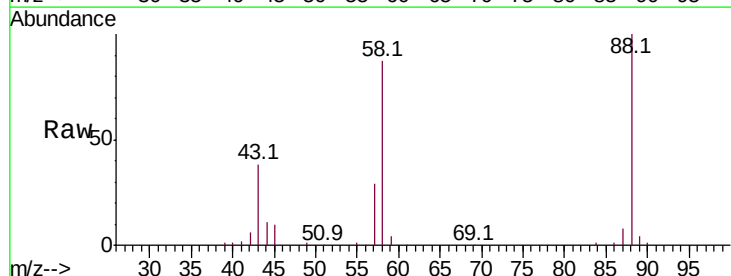
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.235 ng
RT: 2.96 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	62.6	93.8
43	36.1	24.6	37.0

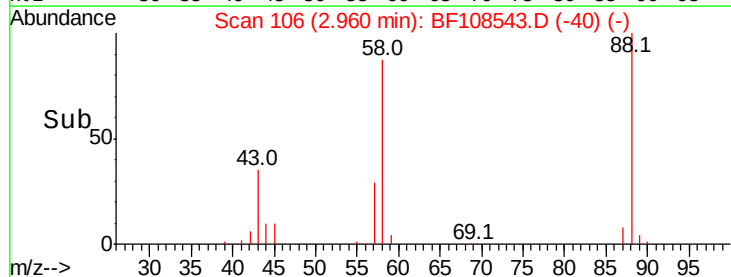
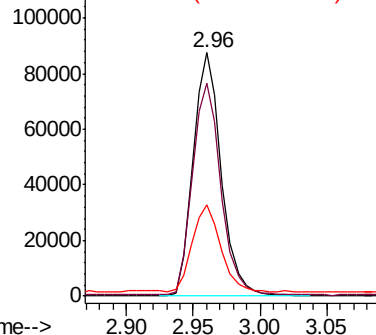


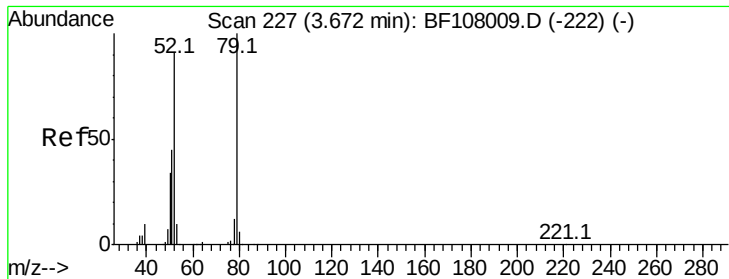
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.153 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

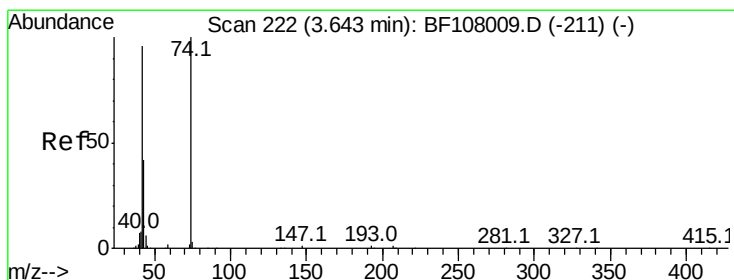
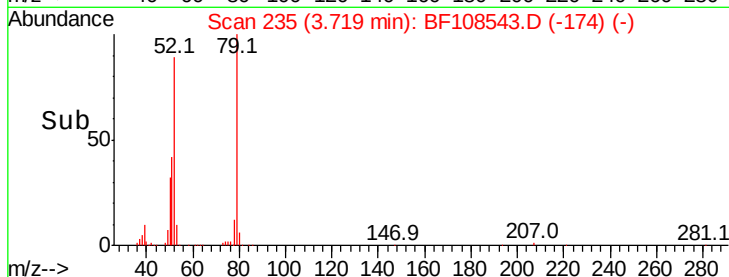
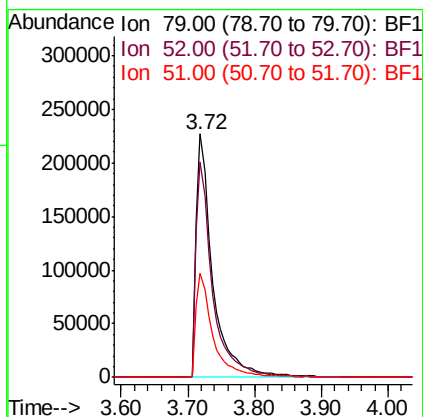
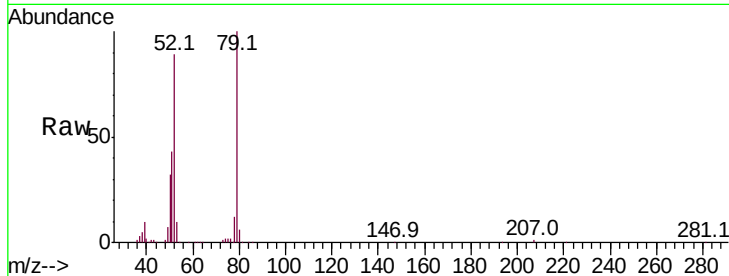
ClientSampleId :

PB112391BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	88.6	59.8	89.6		
51	42.5	29.8	44.8		

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#4

n-Nitrosodimethylamine

Concen: 44.613 ng

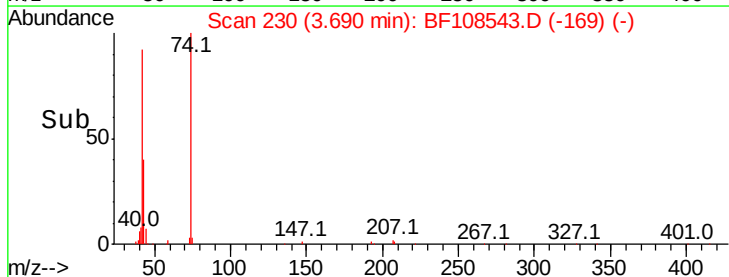
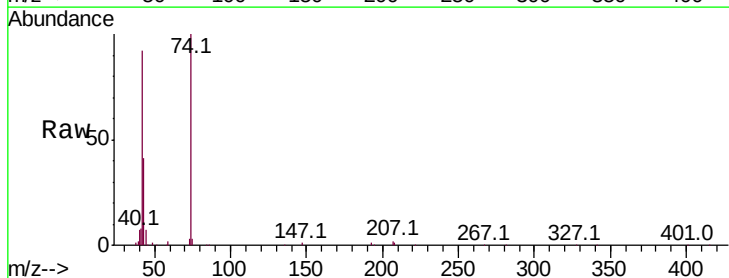
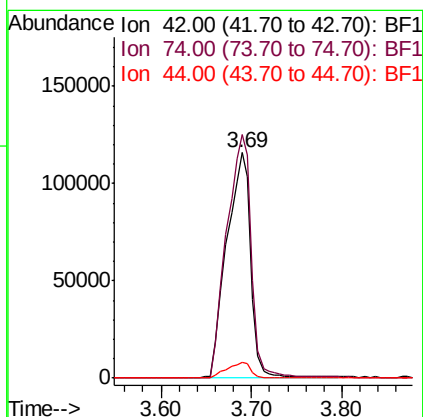
RT: 3.69 min Scan# 230

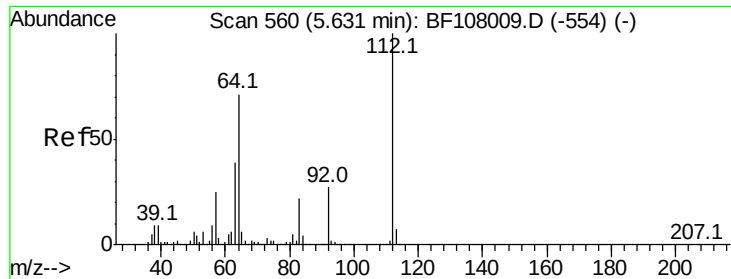
Delta R.T. 0.06 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	108.1	104.9	157.3		
44	7.1	6.9	10.3		





#5

2-Fluorophenol

Concen: 98.676 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

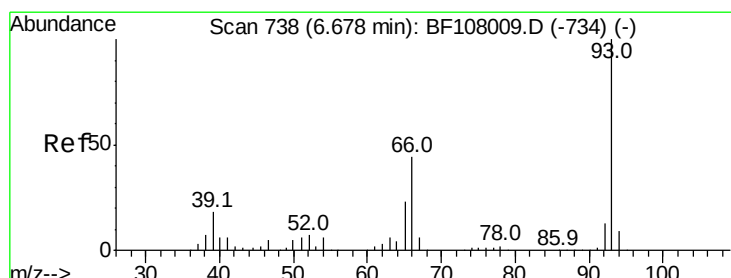
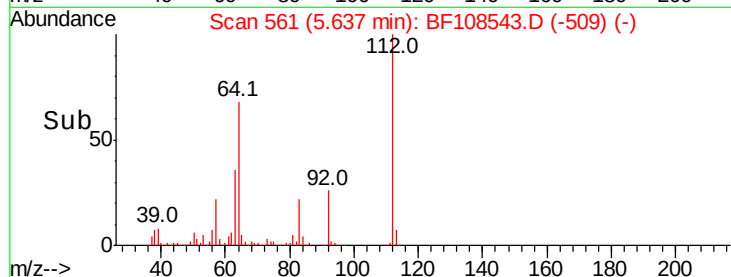
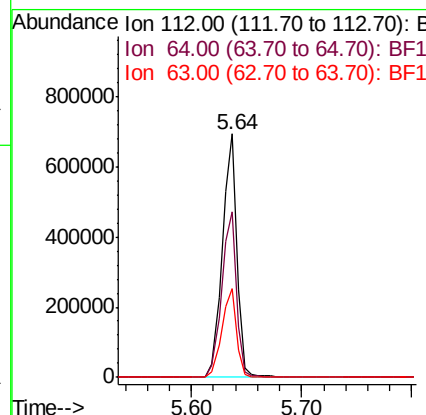
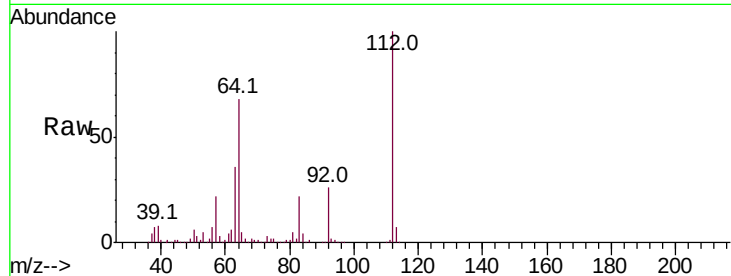
ClientSampleId :

PB112391BSD

Tot Ion:	112	Resp:	637927
Ion Ratio	Lower	Upper	
112	100		
64	68.0	47.9	71.9
63	36.5	23.7	35.5#

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#6

Aniline

Concen: 30.590 ng

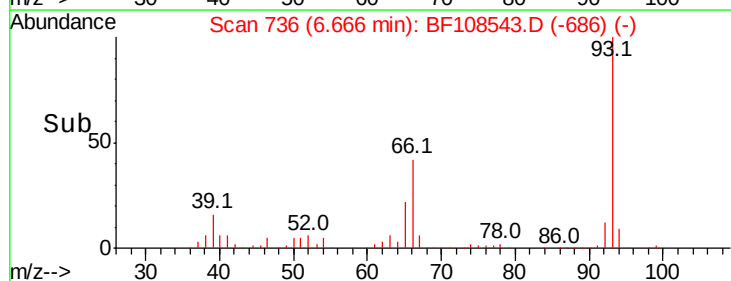
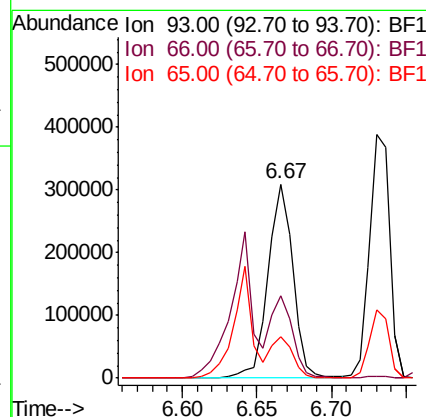
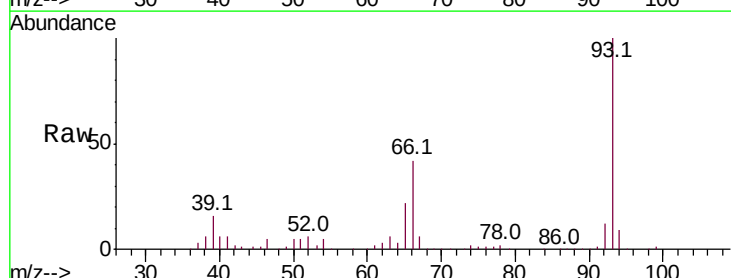
RT: 6.67 min Scan# 736

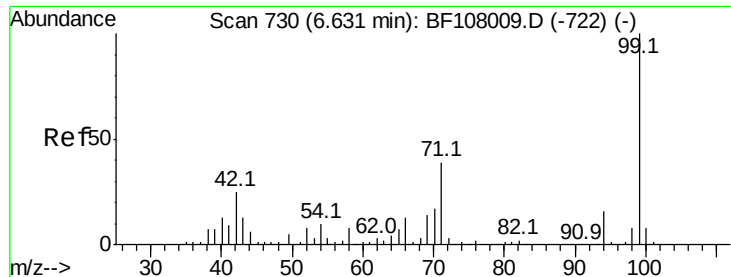
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	93	Resp:	357468
Ion Ratio	Lower	Upper	
93	100		
66	42.3	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 99.350 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

ClientSampleId :

PB112391BSD

Tot Ion: 99 Resp: 853513

Ion Ratio Lower Upper

99 100

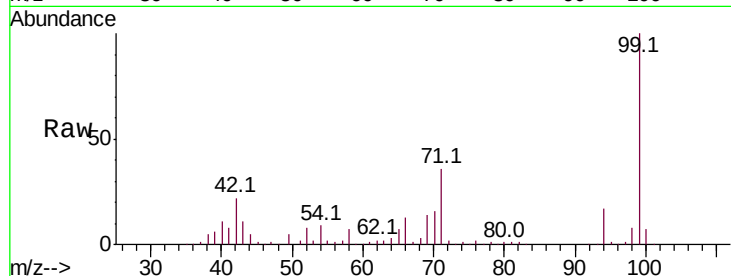
42 22.0 14.5 21.7#

71 35.6 25.4 38.0

Manual Integrations
APPROVED

Sohil

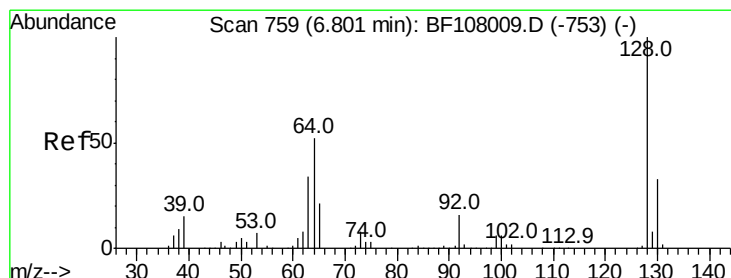
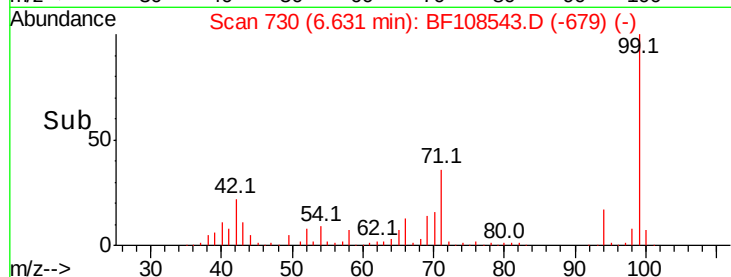
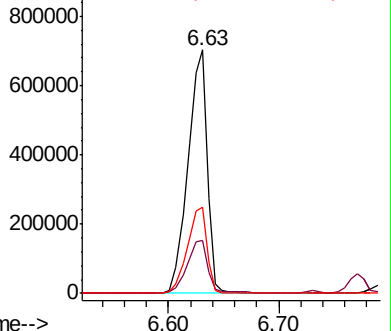
8/28/2018 12:16:50 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 51.953 ng

RT: 6.79 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

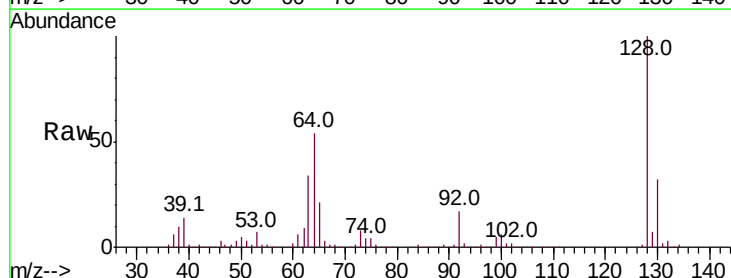
Tgt Ion: 128 Resp: 378280

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

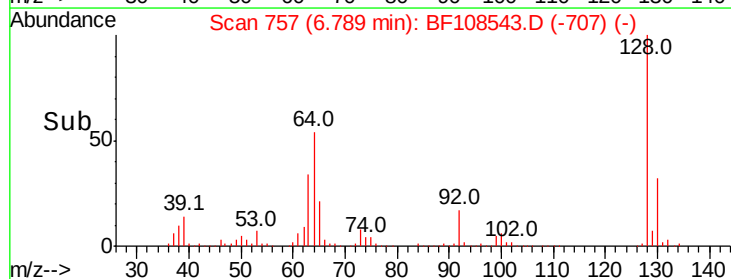
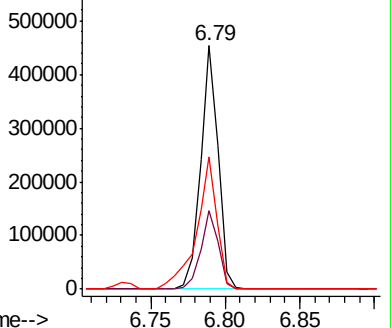
64 54.2 29.4 69.4

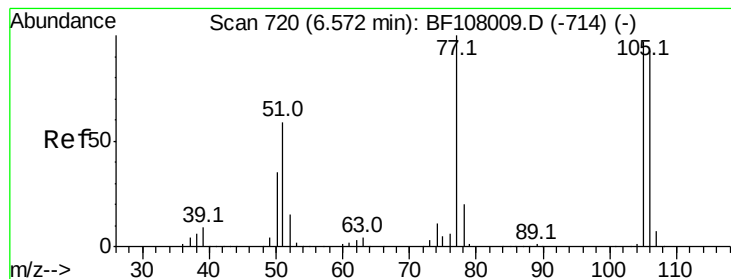


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.886 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

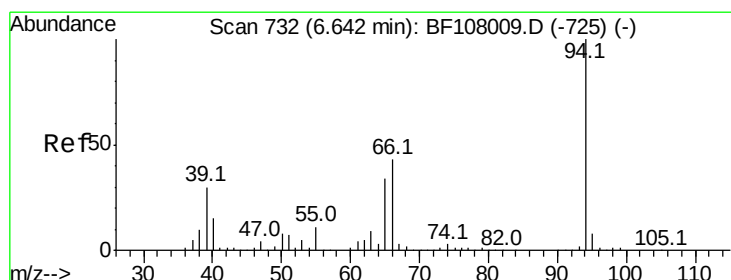
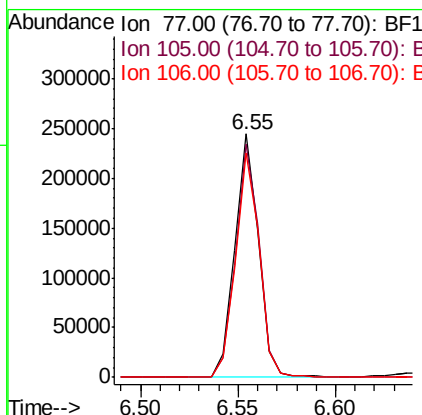
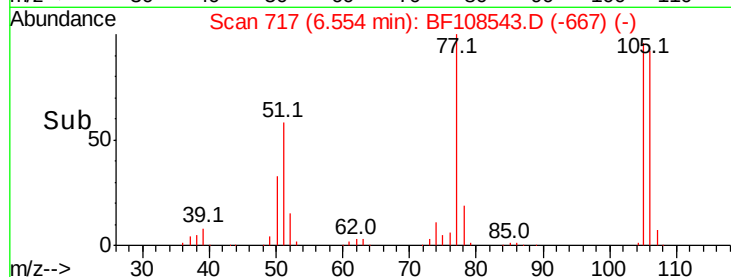
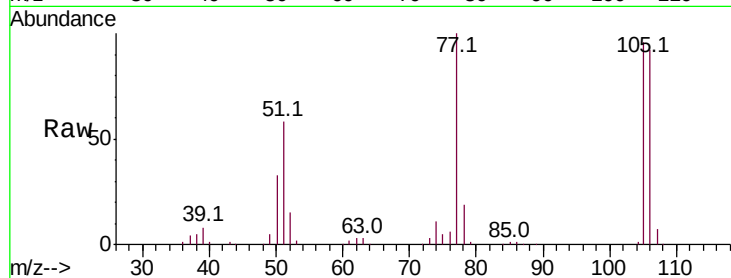
ClientSampleId :

PB112391BSD

Tot Ion:	77	Resp:	205723
Ion	Ratio	Lower	Upper
77	100		
105	95.9	81.1	121.1
106	92.4	74.5	114.5

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#10

Phenol

Concen: 52.524 ng

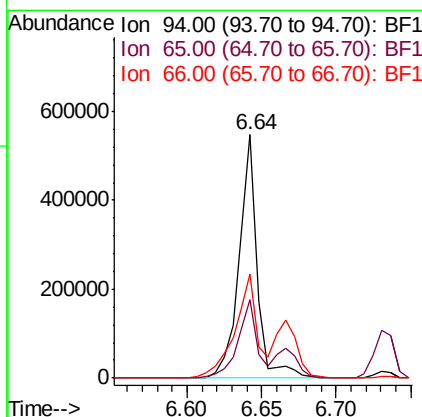
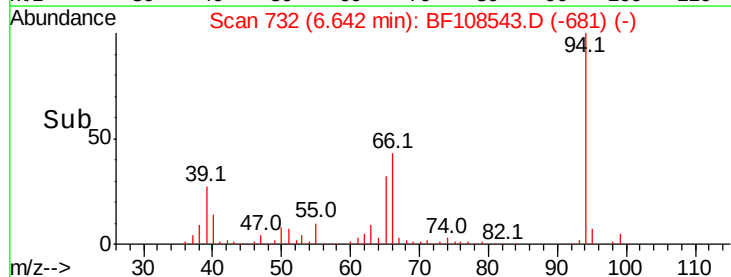
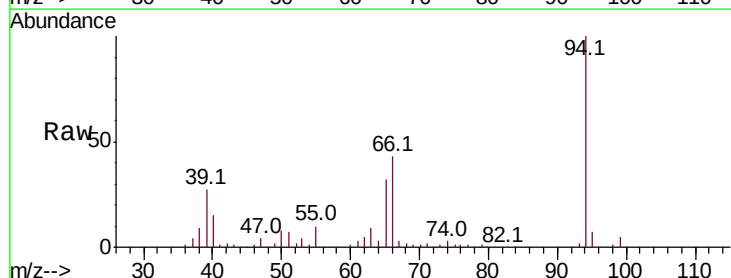
RT: 6.64 min Scan# 732

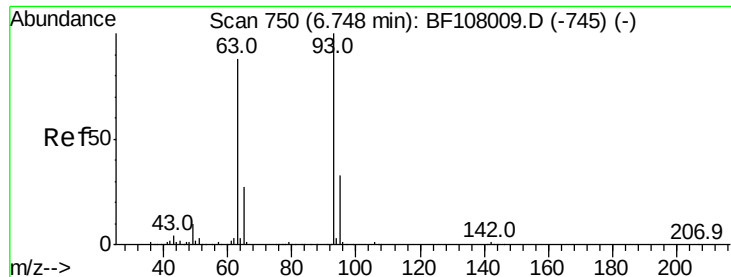
Delta R.T. -0.00 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	94	Resp:	466753
Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.9	47.9
66	42.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 50.621 ng

RT: 6.73 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

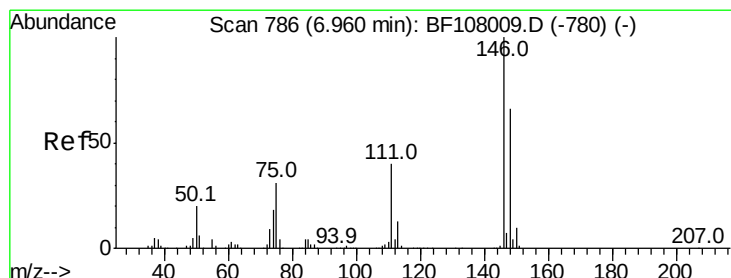
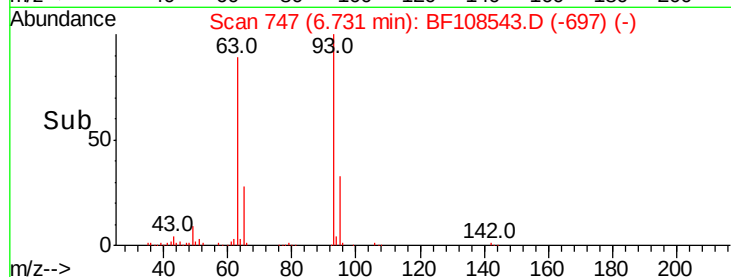
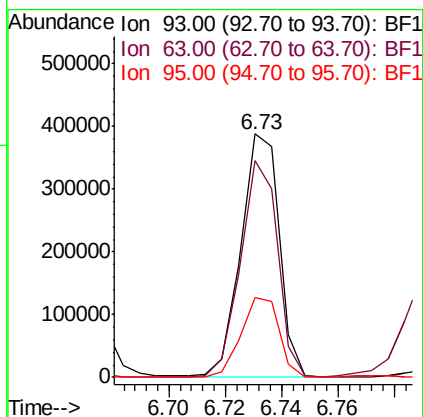
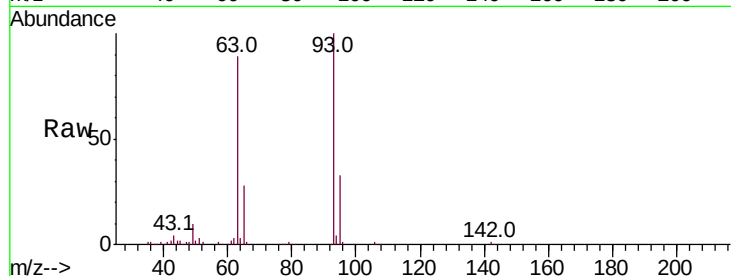
ClientSampleID :

PB112391BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.9	58.6	98.6
95	33.0	11.8	51.8

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#12

1,3-Dichlorobenzene

Concen: 50.083 ng

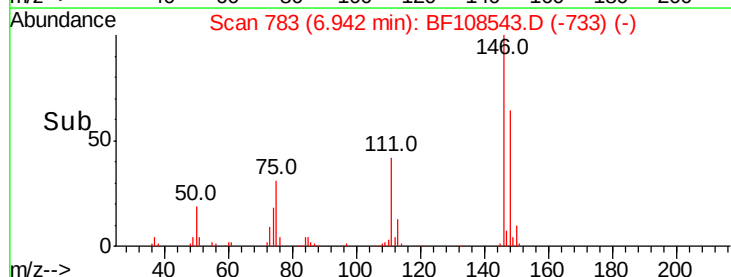
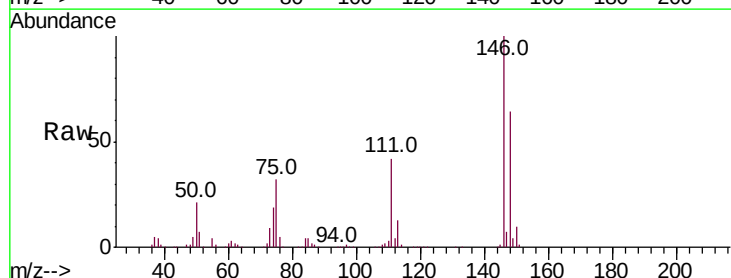
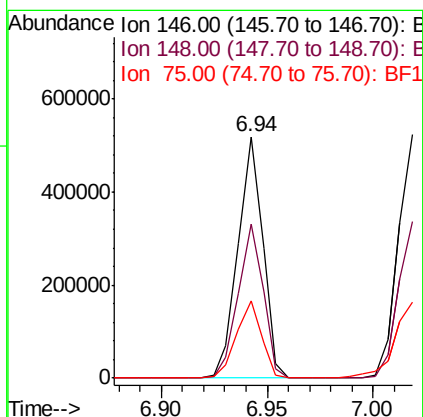
RT: 6.94 min Scan# 783

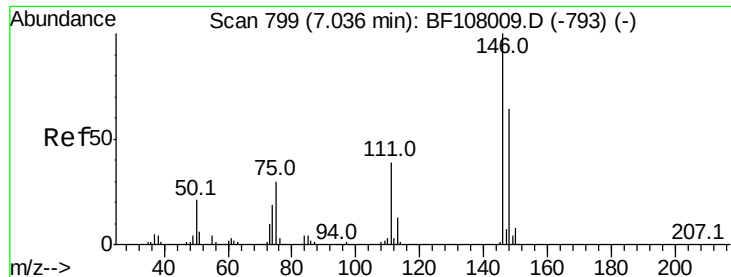
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	31.8	24.2	36.4





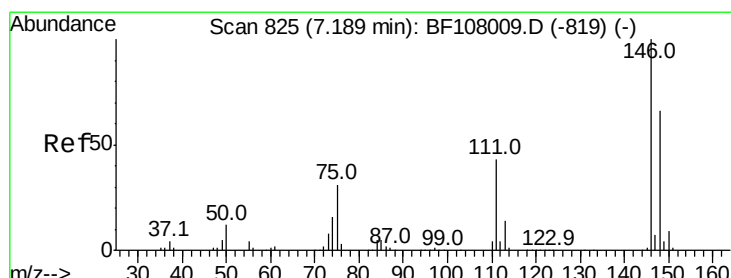
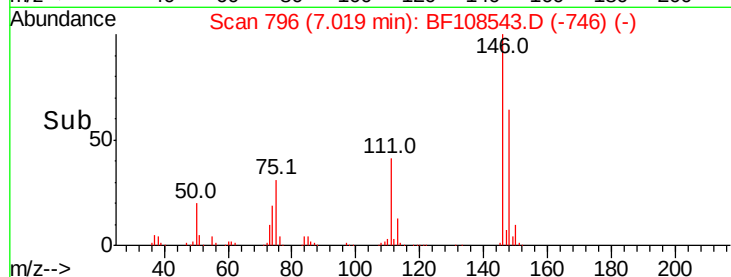
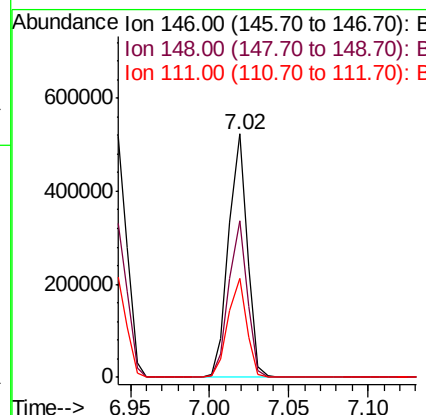
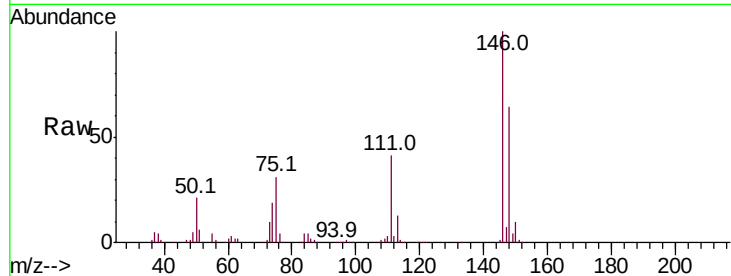
#13
1,4-Dichlorobenzene
Concen: 50.686 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	40.5	34.2	51.2

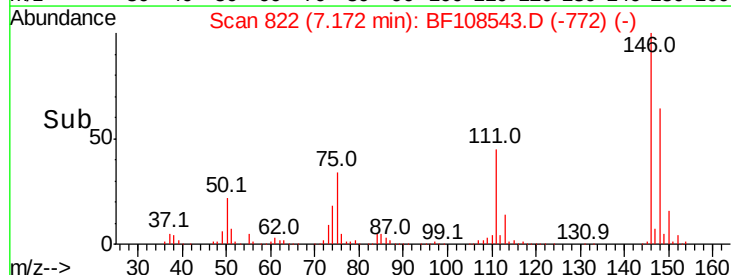
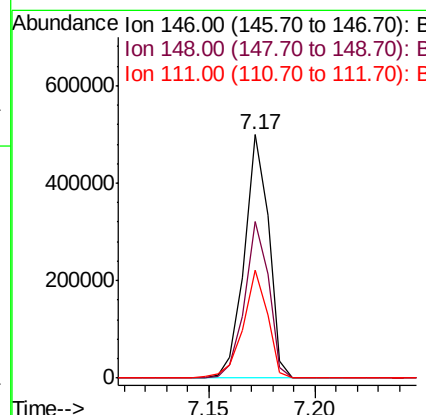
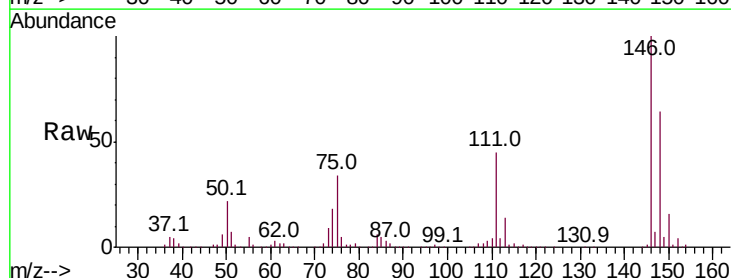
Manual Integrations
APPROVED

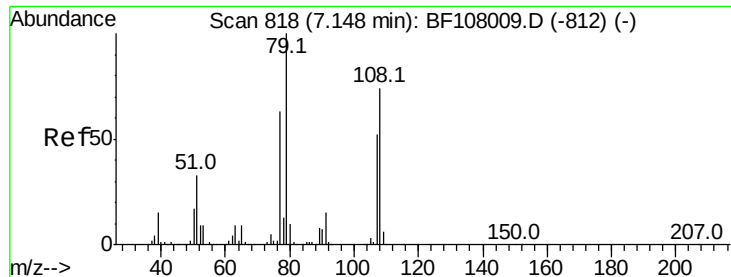
Sohil
8/28/2018 12:16:50 PM



#14
1,2-Dichlorobenzene
Concen: 50.442 ng
RT: 7.17 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 48.117 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

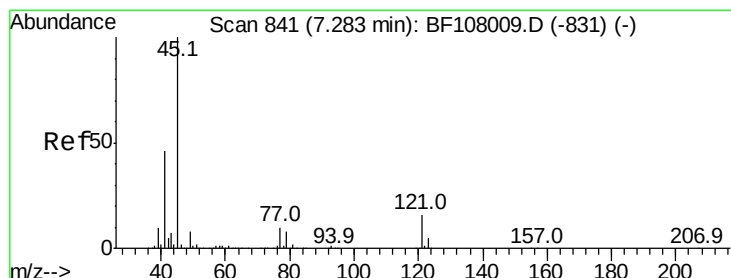
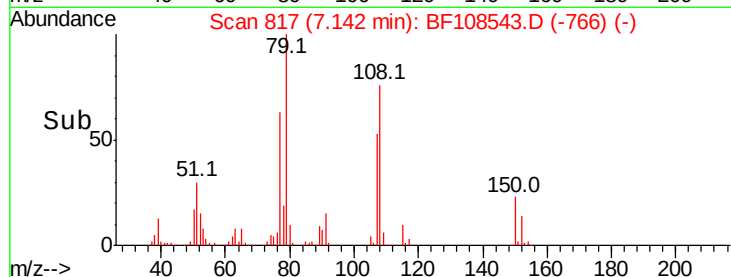
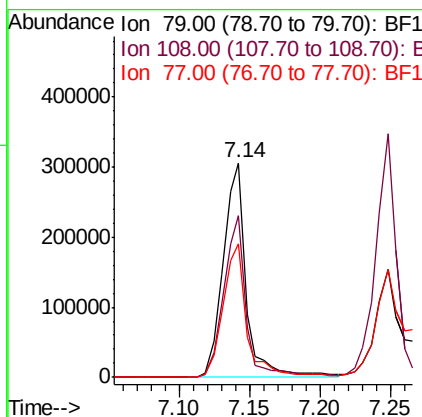
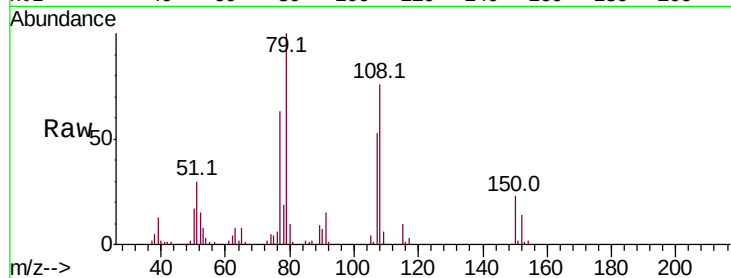
ClientSampleId :

PB112391BSD

Tot Ion:	79	Resp:	347993
Ion Ratio	Lower	Upper	
79	100		
108	75.7	65.1	97.7
77	62.5	50.6	75.8

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.793 ng

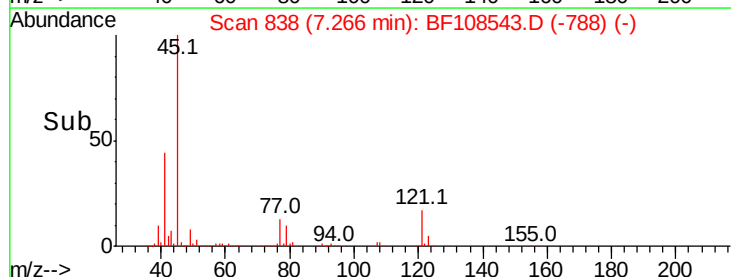
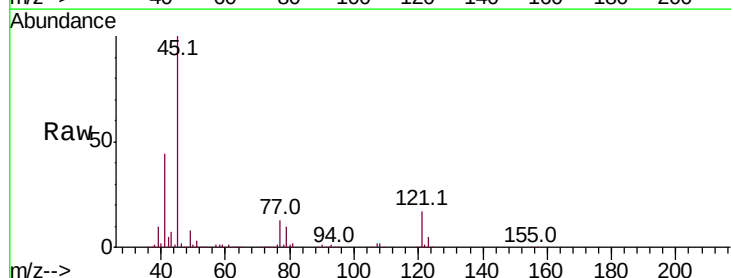
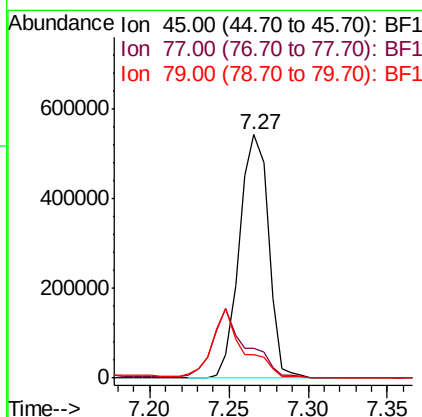
RT: 7.27 min Scan# 838

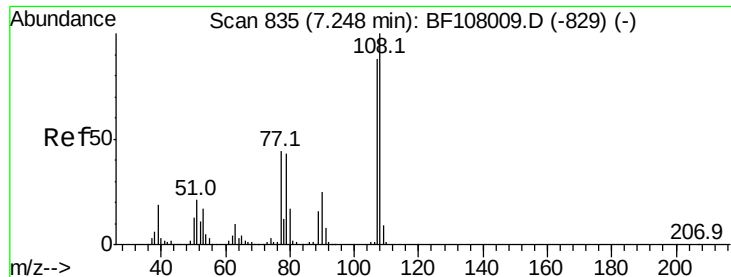
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	45	Resp:	692549
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	32.9
79	9.6	0.0	29.6





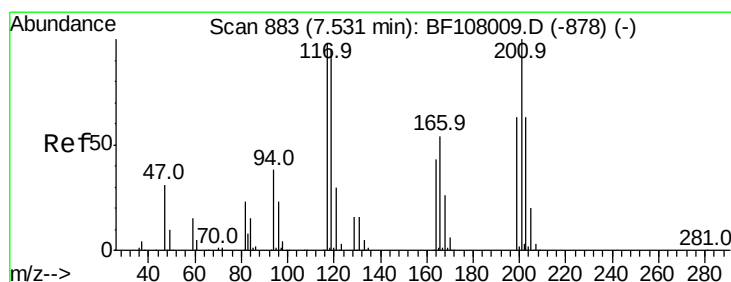
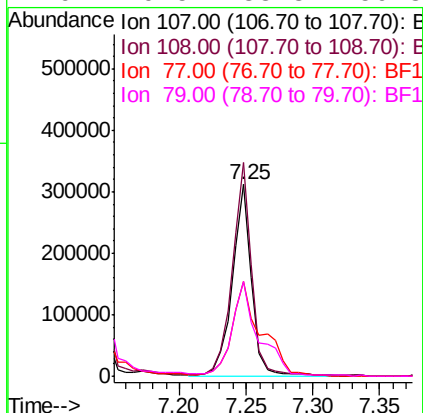
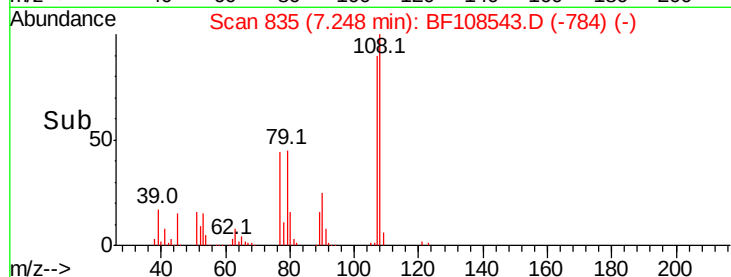
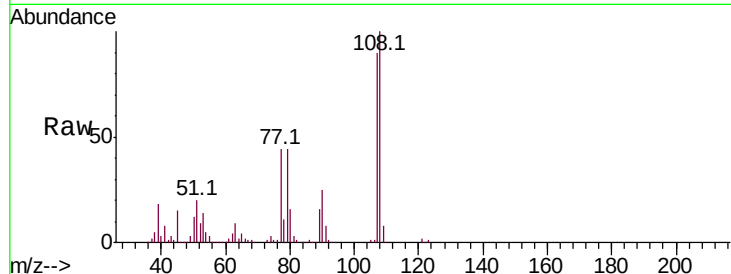
#17
2-Methylphenol
Concen: 50.665 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleID :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	91.7	137.5	
77	49.5	33.8	50.8	
79	49.5	33.8	50.8	

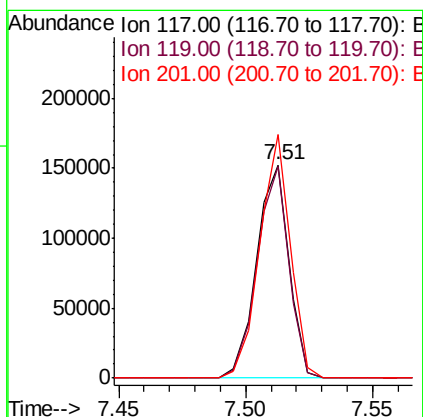
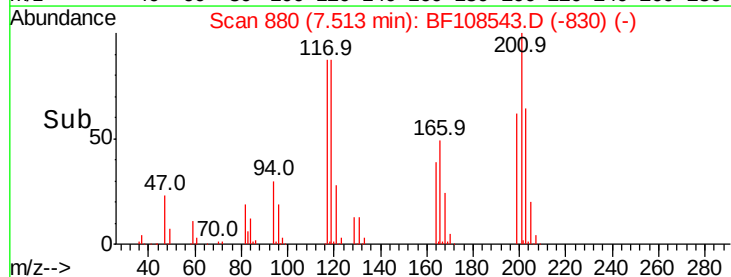
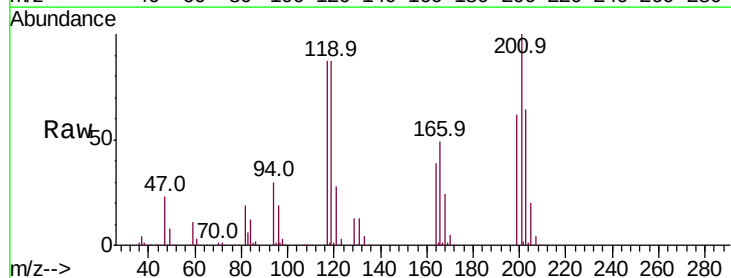
Manual Integrations
APPROVED

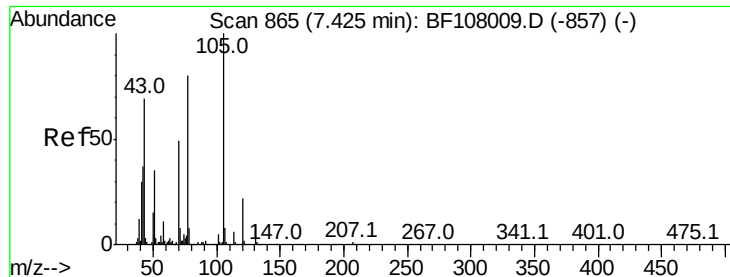
Sohil
8/28/2018 12:16:50 PM



#18
Hexachloroethane
Concen: 45.172 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	75.8	113.8	
201	114.4	75.7	113.5#	





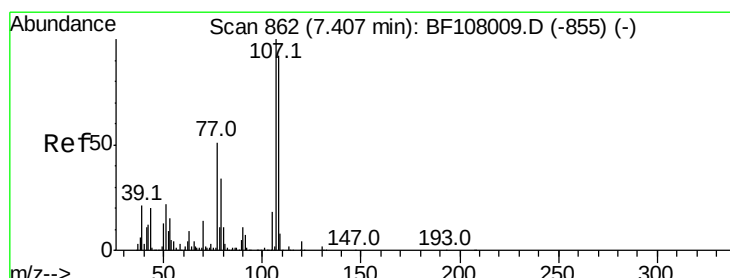
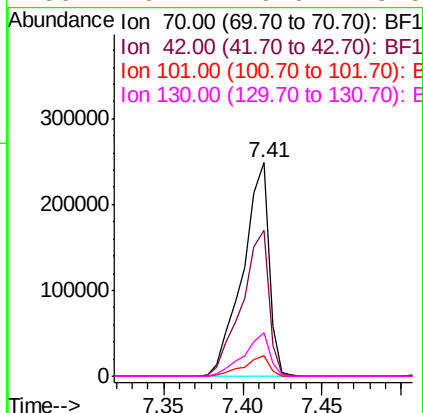
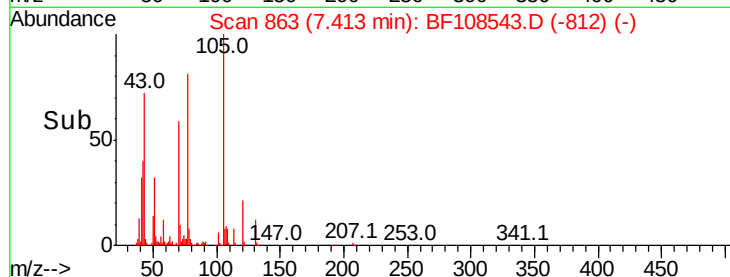
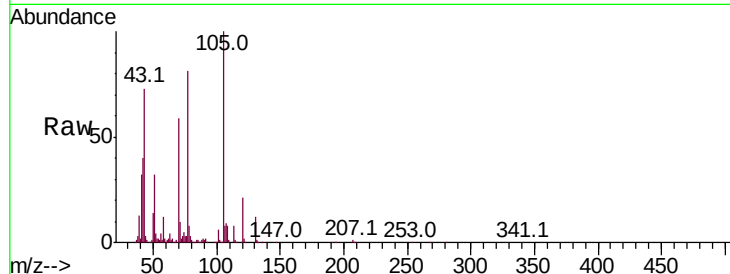
#19
n-Nitroso-di-n-propylamine
Concen: 49.083 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.5	47.5	71.3
101	9.6	7.4	11.2
130	20.1	16.6	25.0

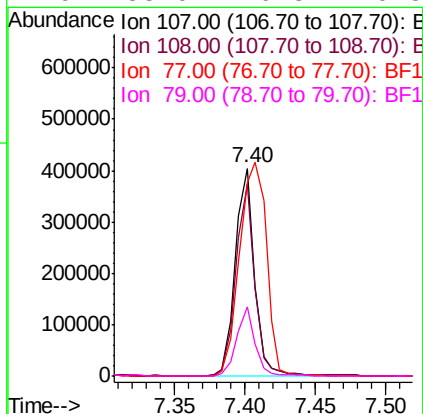
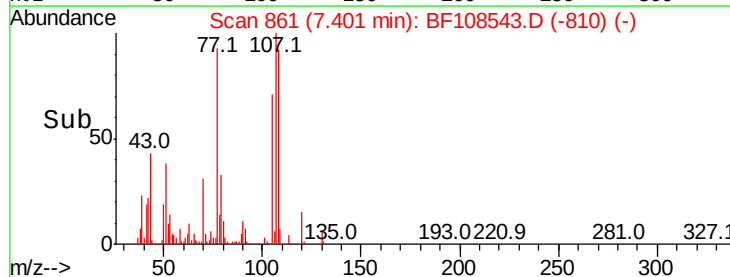
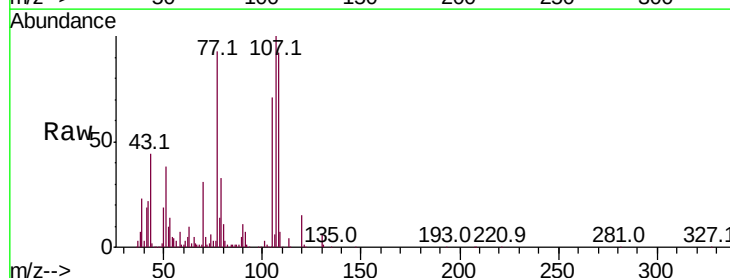
Manual Integrations
APPROVED

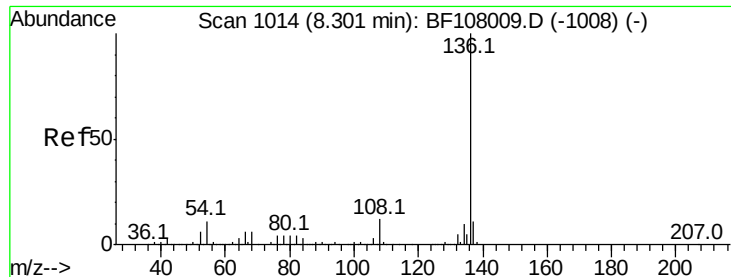
Sohil
8/28/2018 12:16:50 PM



#20
3+4-Methylphenols
Concen: 47.964 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	68.2	108.2
77	93.1	26.7	66.7#
79	33.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

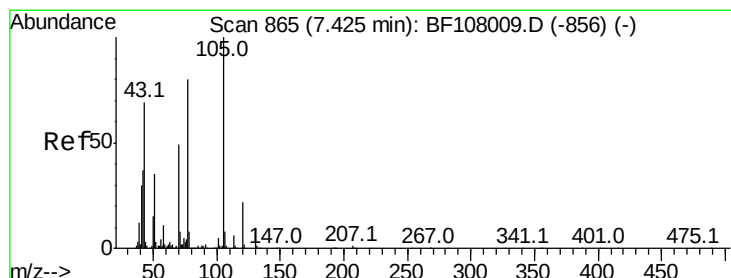
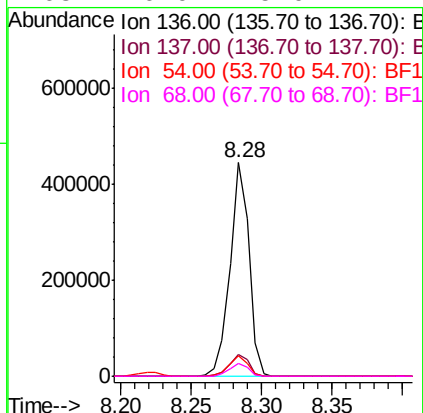
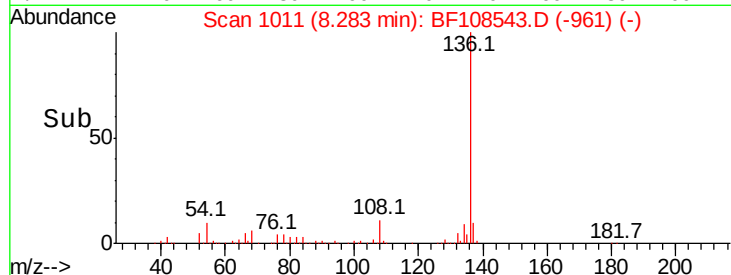
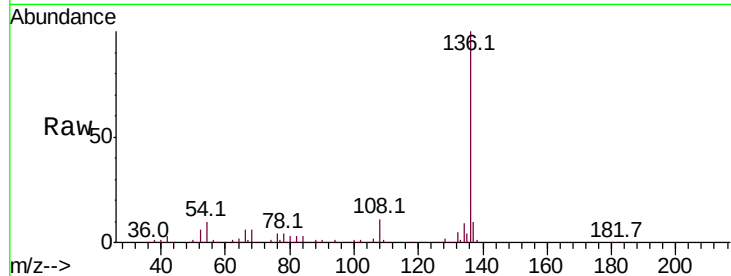
ClientSampleId :

PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416652		
137	10.4	8.9	13.3	
54	9.8	6.6	9.8	
68	6.0	5.0	7.4	

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#22

Acetophenone

Concen: 54.767 ng

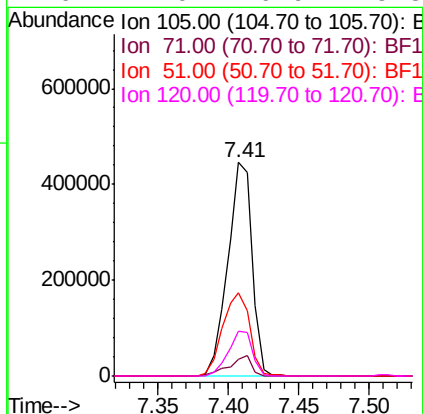
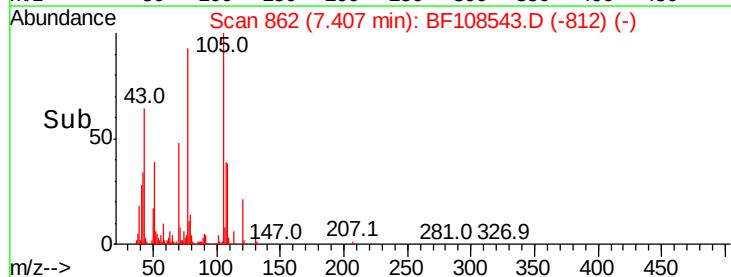
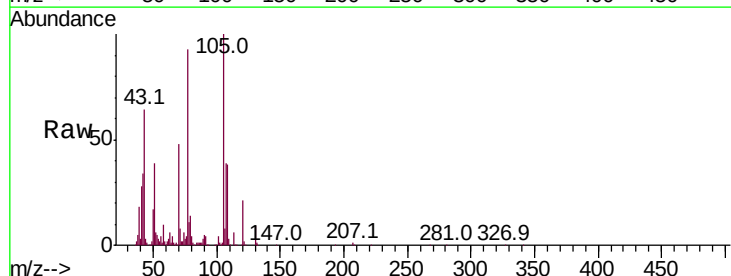
RT: 7.41 min Scan# 862

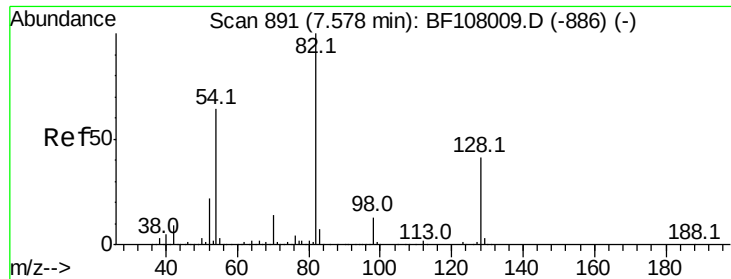
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533560		
71	8.0	4.4	6.6#	
51	38.8	22.3	33.5#	
120	21.0	16.9	25.3	





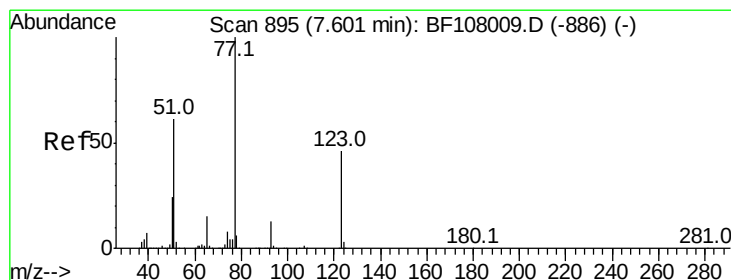
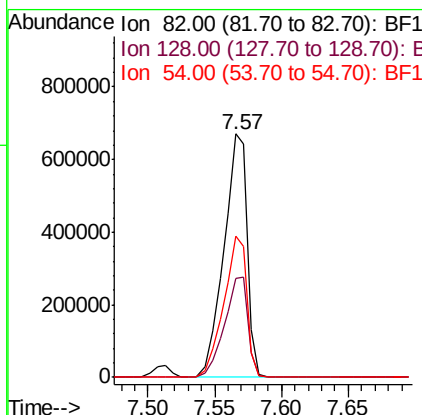
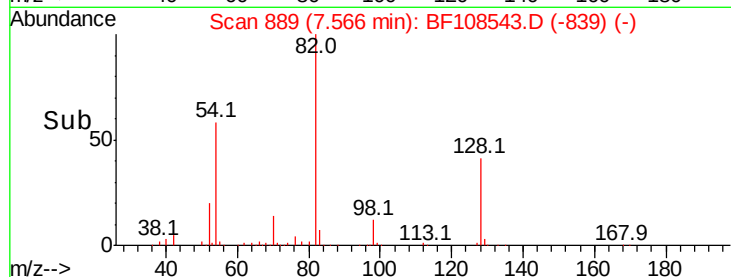
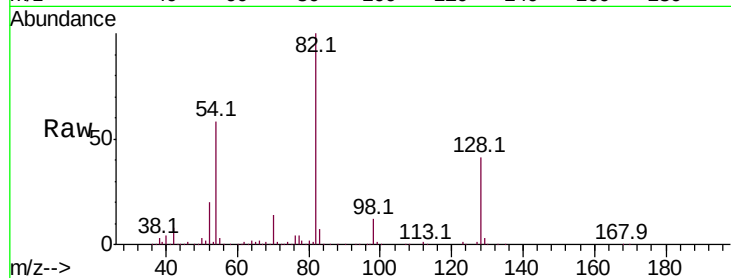
#23
 Nitrobenzene-d5
 Concen: 110.736 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.6	36.1	54.1	
54	58.2	41.4	62.2	

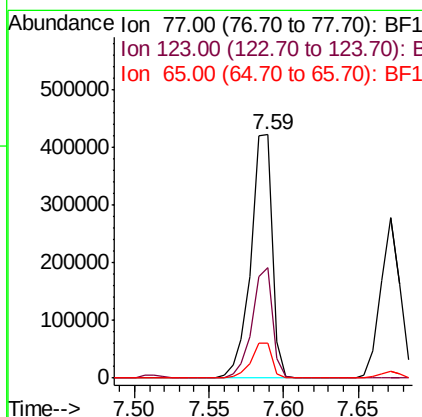
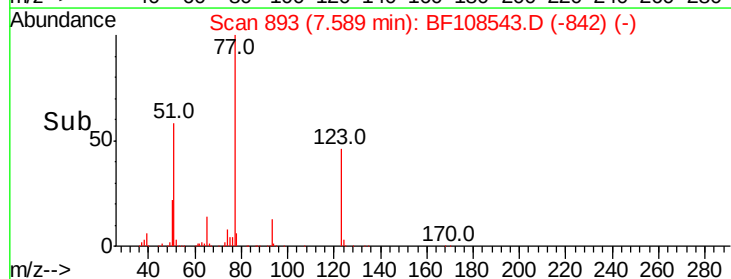
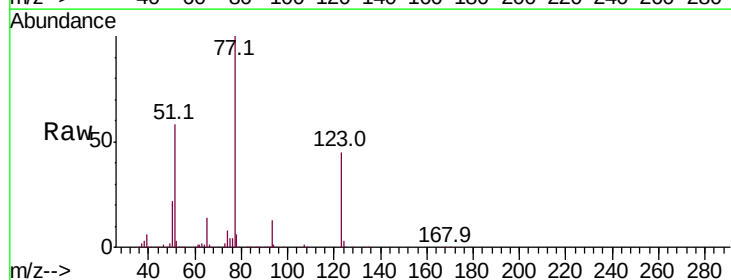
Manual Integrations
 APPROVED

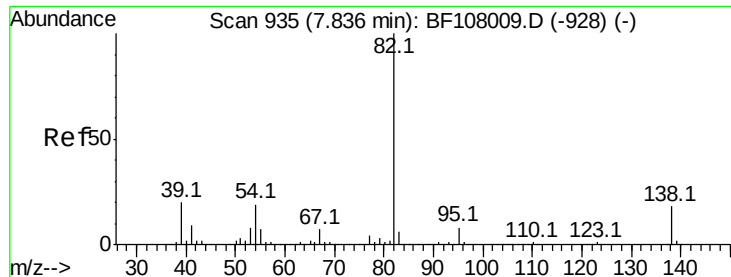
Sohil
 8/28/2018 12:16:50 PM



#24
 Nitrobenzene
 Concen: 55.317 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 53.219 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

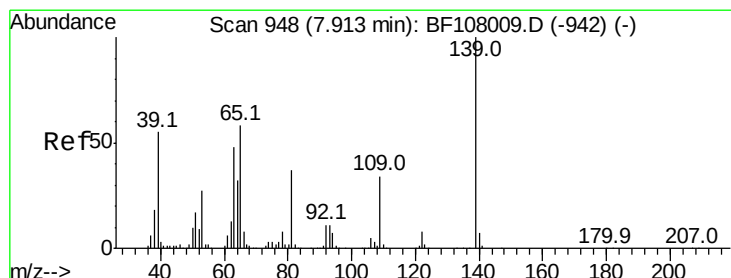
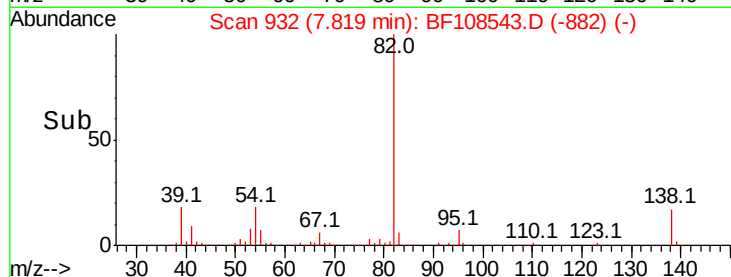
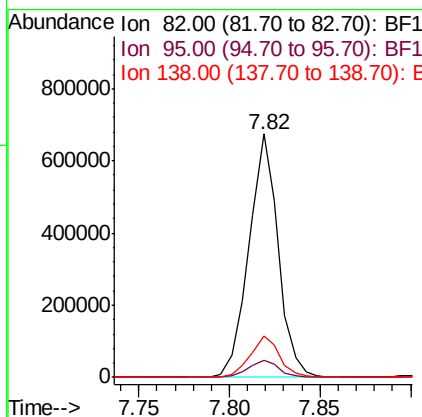
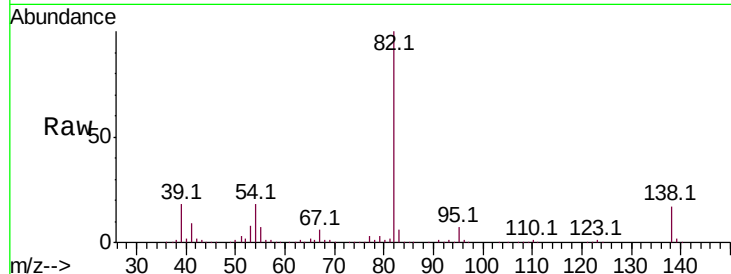
ClientSampleId :

PB112391BSD

Tot Ion:	82	Resp:	757406
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.1	14.9	22.3

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#26

2-Nitrophenol

Concen: 59.496 ng

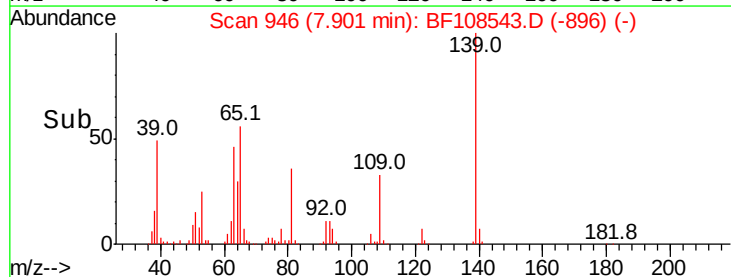
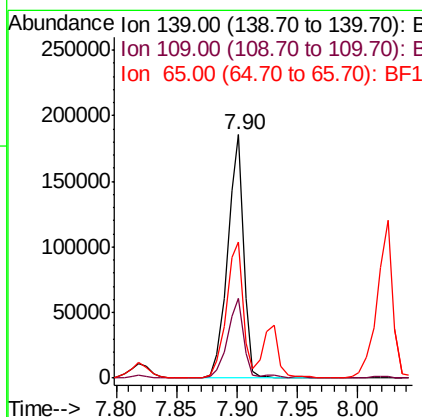
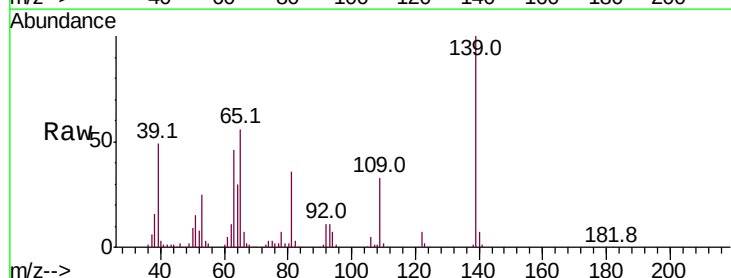
RT: 7.90 min Scan# 946

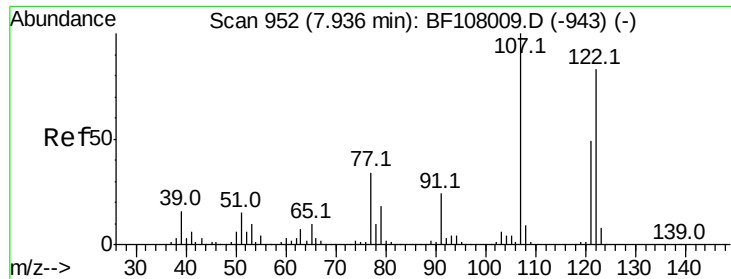
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	139	Resp:	169646
Ion Ratio	Lower	Upper	
139	100		
109	32.7	22.7	34.1
65	55.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 54.346 ng

RT: 7.93 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

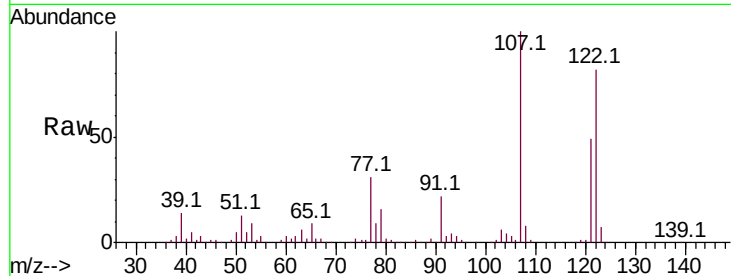
ClientSampleId :

PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343275		
107	121.3	91.2	136.8	
121	59.1	47.2	70.8	

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

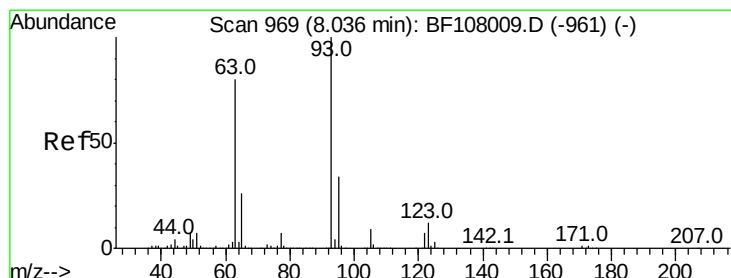
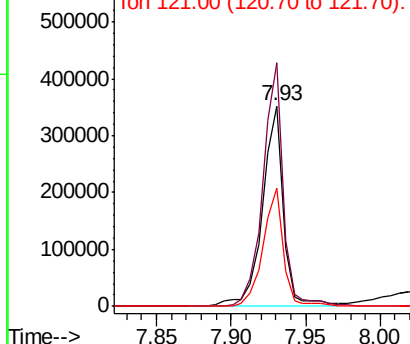
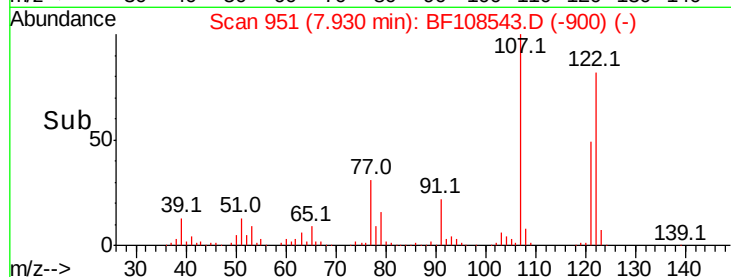


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.997 ng

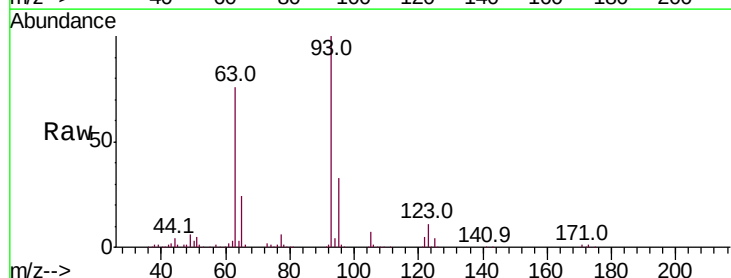
RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	456929		
95	32.9	26.3	39.5	
123	11.5	9.8	14.6	

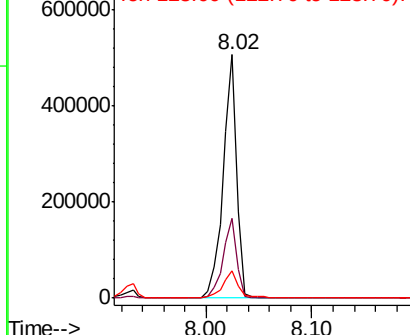
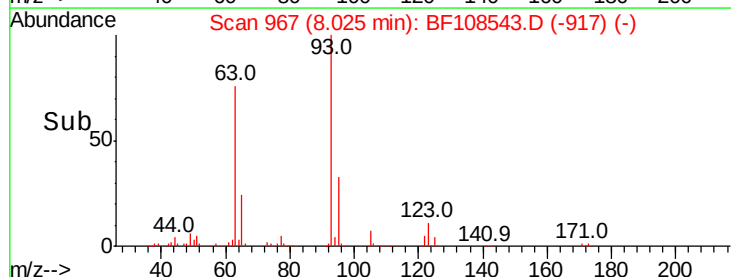


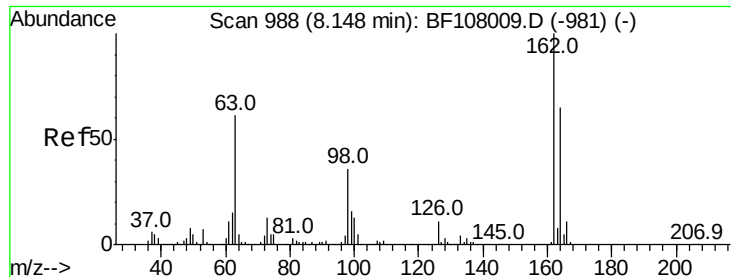
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





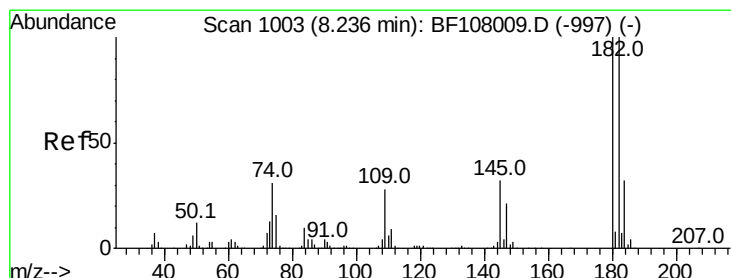
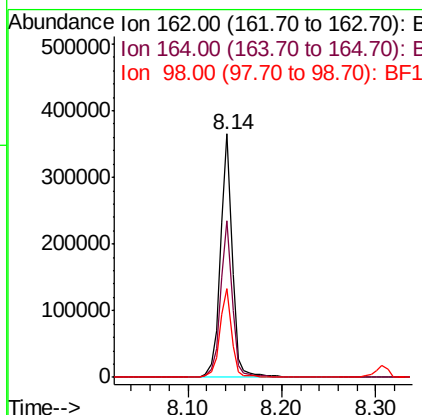
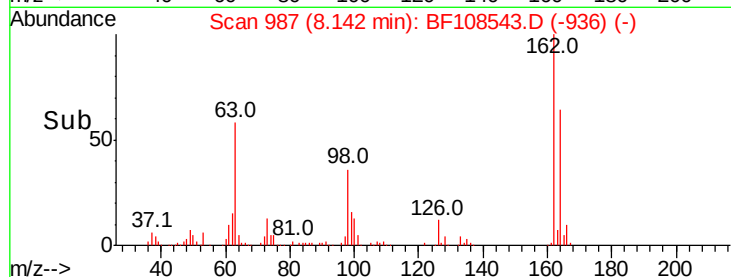
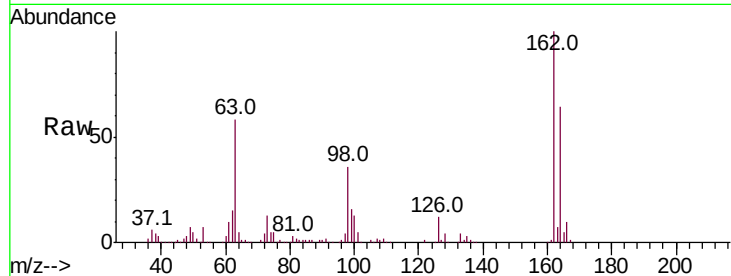
#29
2,4-Dichlorophenol
Concen: 55.464 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322401		
164	64.4	42.7	82.7	
98	36.3	18.1	58.1	

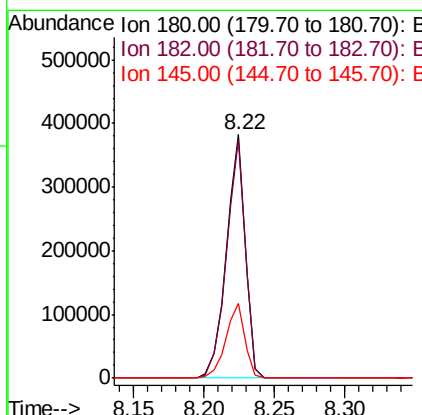
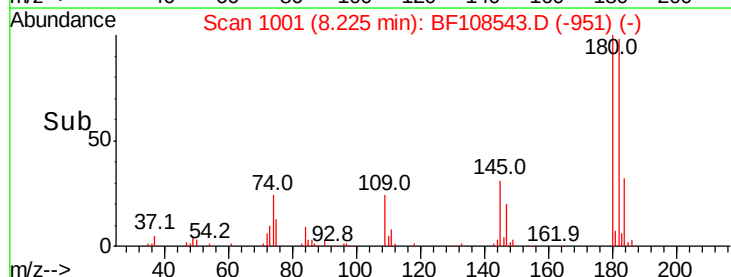
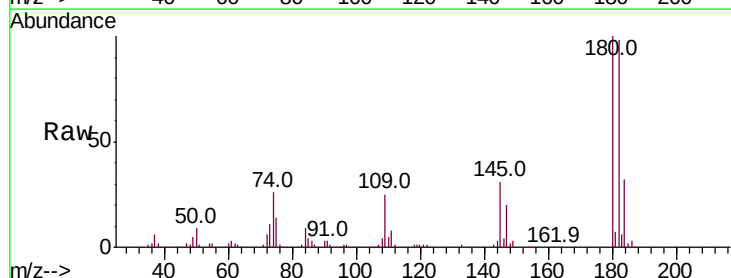
Manual Integrations
APPROVED

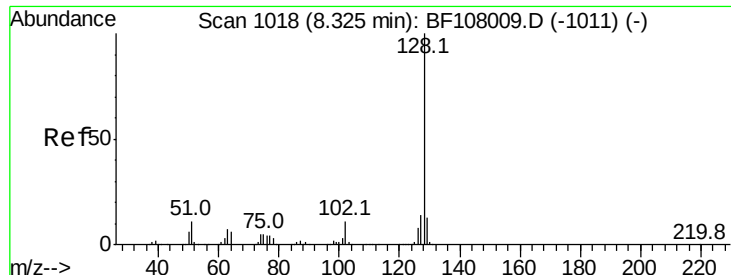
Sohil
8/28/2018 12:16:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 55.142 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	353397		
182	97.9	76.8	115.2	
145	30.9	26.5	39.7	





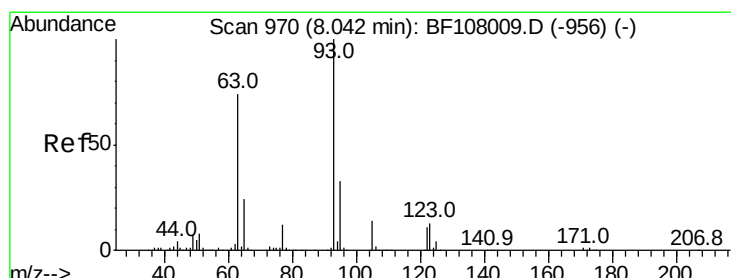
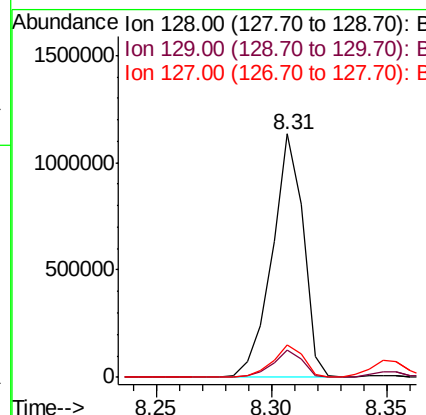
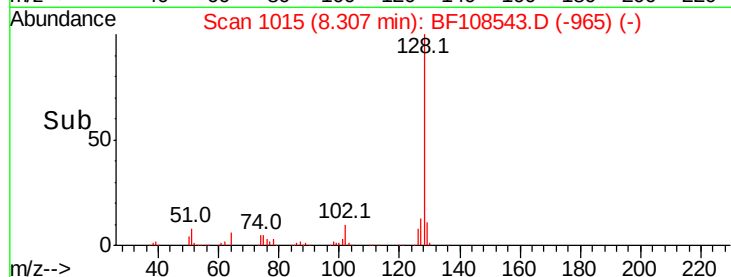
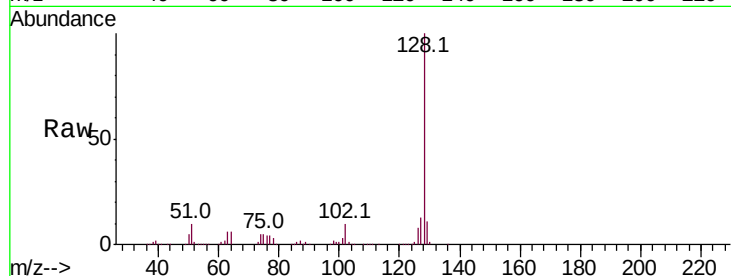
#31
Naphthalene
Concen: 56.008 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3

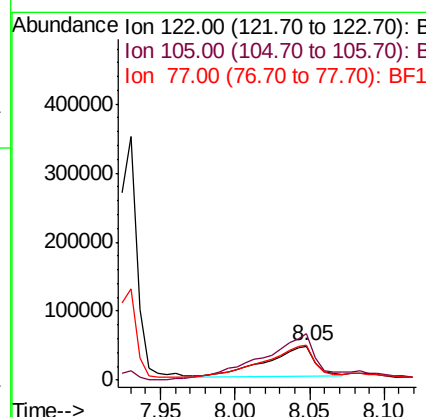
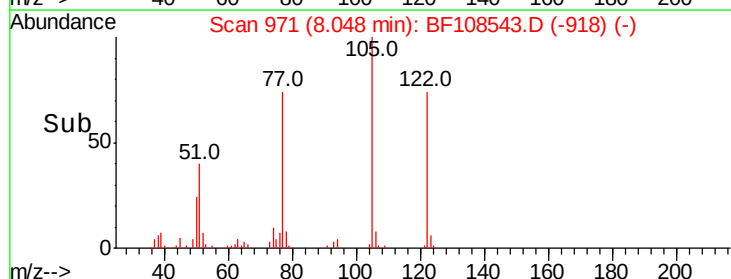
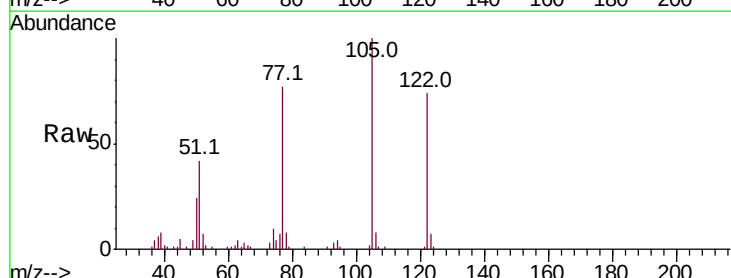
Manual Integrations
APPROVED

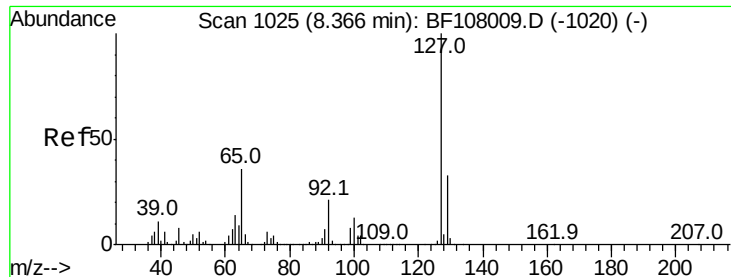
Sohil
8/28/2018 12:16:50 PM



#32
Benzoic acid
Concen: 30.685 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.0	101.1	141.1
77	103.8	70.7	110.7





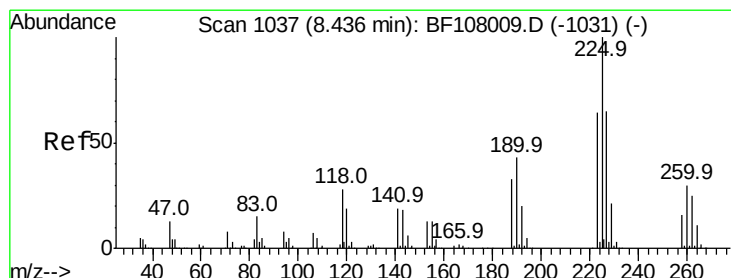
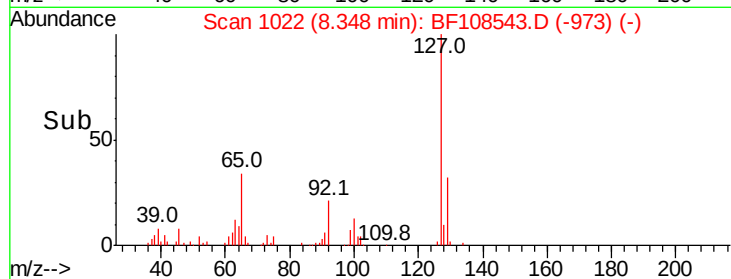
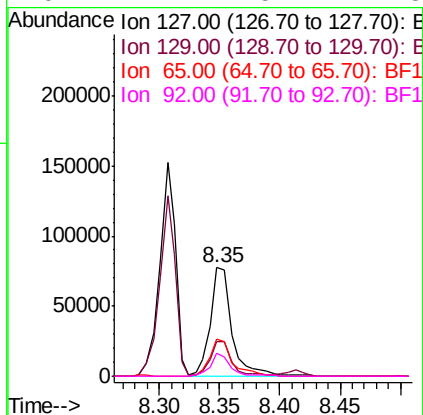
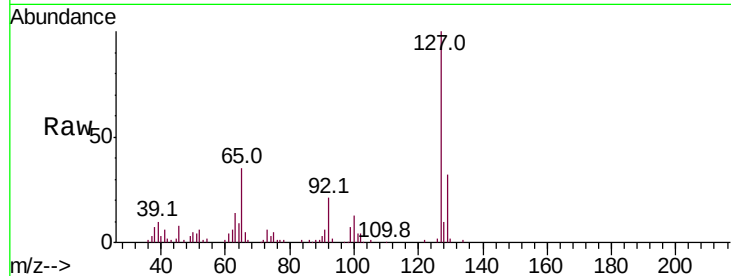
#33
 4-Chloroaniline
 Concen: 11.727 ng
 RT: 8.35 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.3	25.9	38.9
65	34.6	25.0	37.4
92	21.1	15.2	22.8

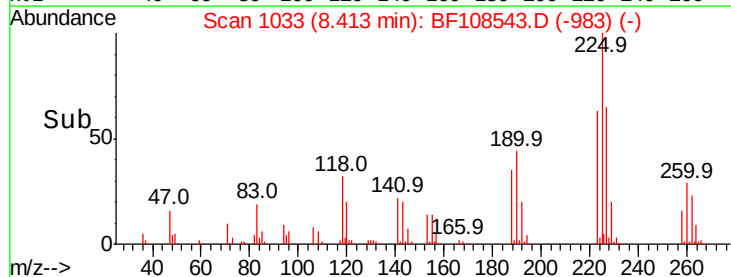
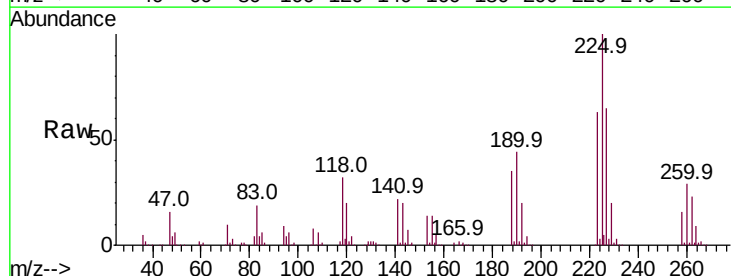
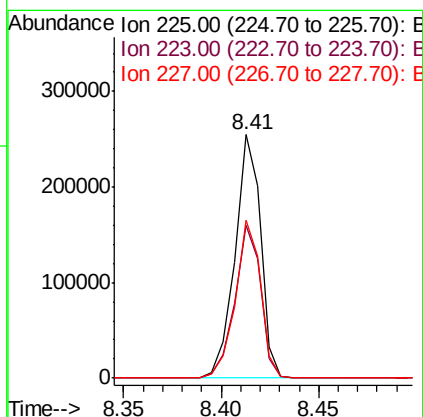
Manual Integrations
 APPROVED

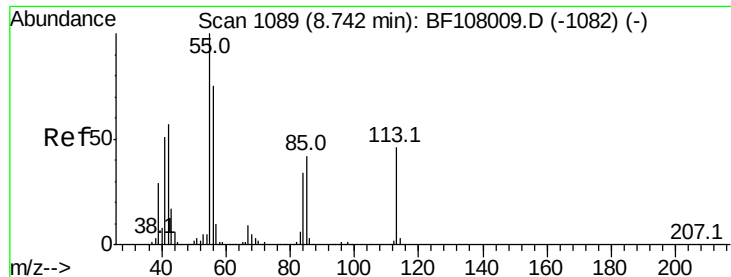
Sohil
 8/28/2018 12:16:50 PM



#34
 Hexachlorobutadiene
 Concen: 57.265 ng
 RT: 8.41 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.8	51.9	77.9





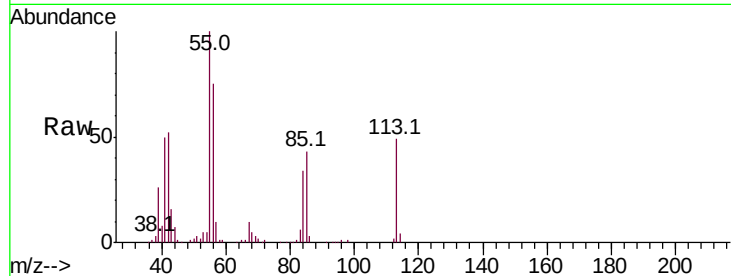
#35
Caprolactam
Concen: 52.062 ng/ml
RT: 8.74 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleID :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.0	163.3	203.3
56	152.1	115.7	155.7

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

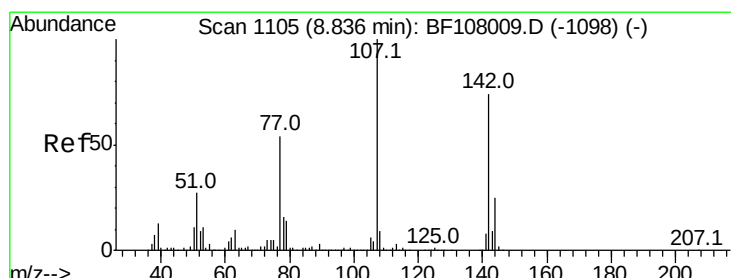
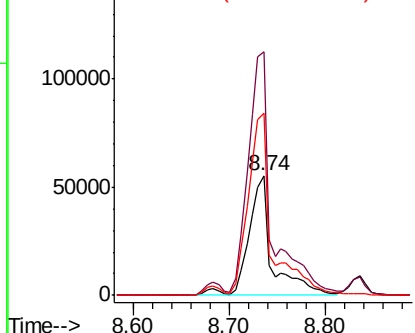
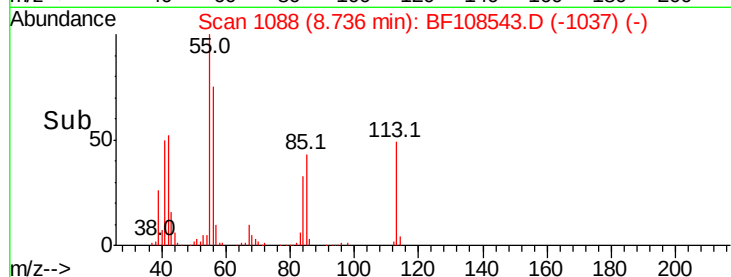


Abundance

Ion 113.00 (112.70 to 113.70): E

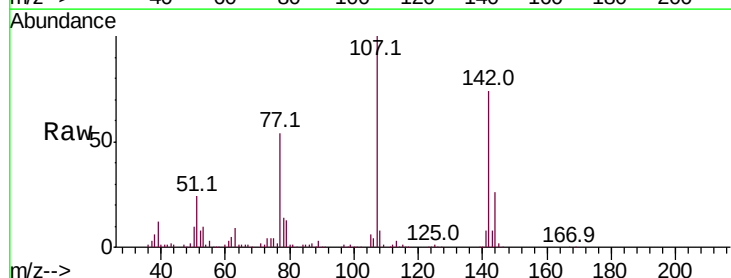
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 53.249 ng
RT: 8.84 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	74.3	62.0	93.0

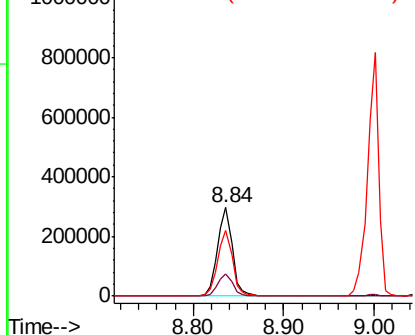
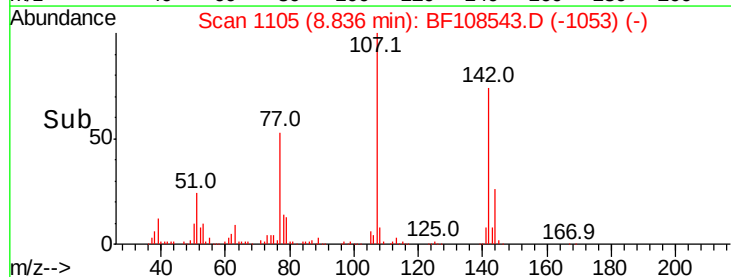


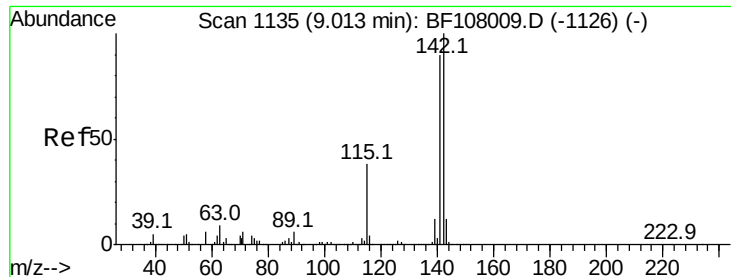
Abundance

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





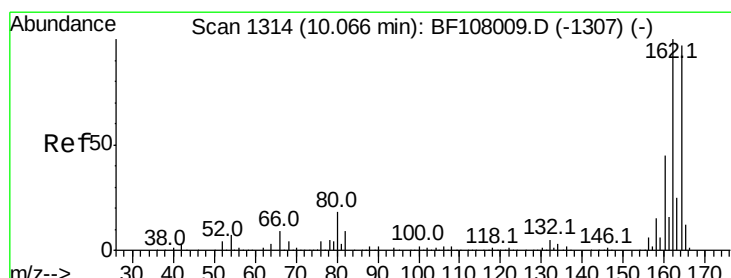
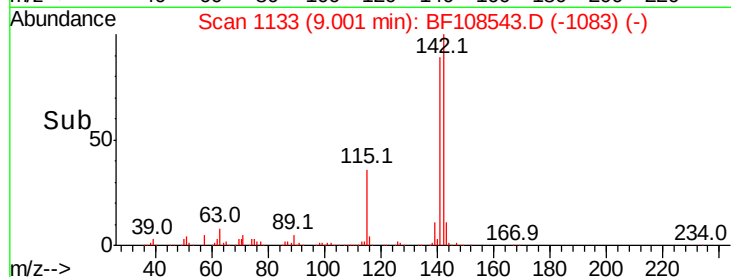
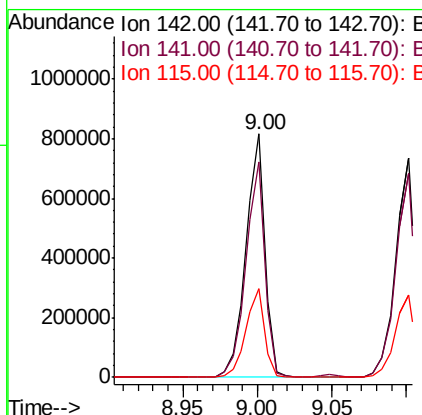
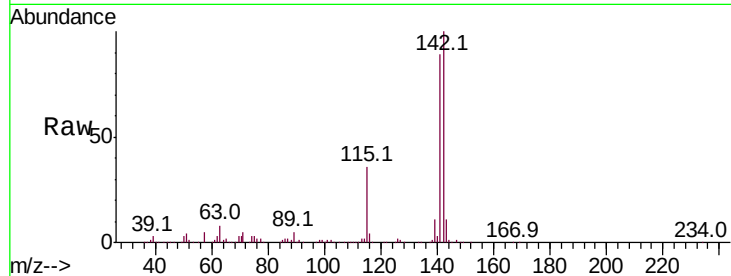
#37
 2-Methylnaphthalene
 Concen: 53.527 ng
 RT: 9.00 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleID :
 PB112391BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	36.2	26.1	39.1

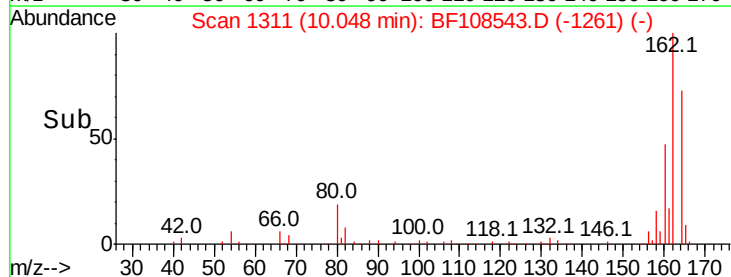
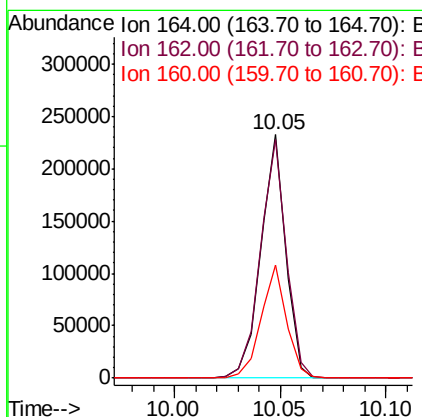
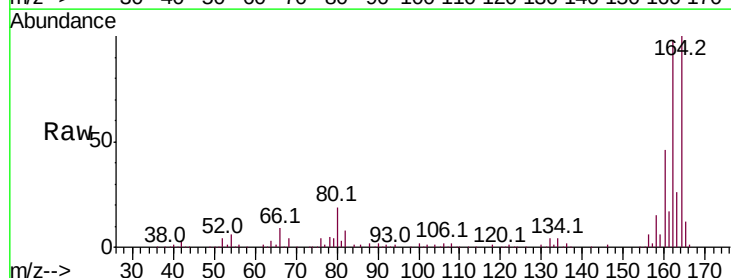
Manual Integrations
 APPROVED

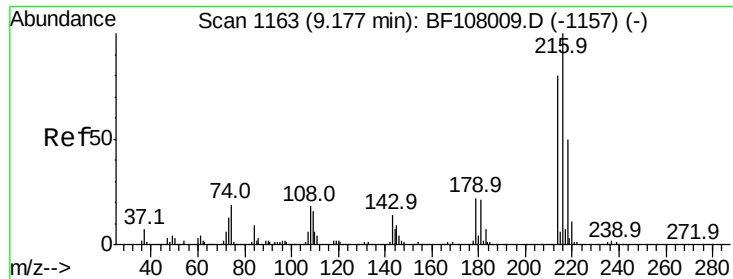
Sohil
 8/28/2018 12:16:50 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	86.1	129.1
160	46.2	38.3	57.5





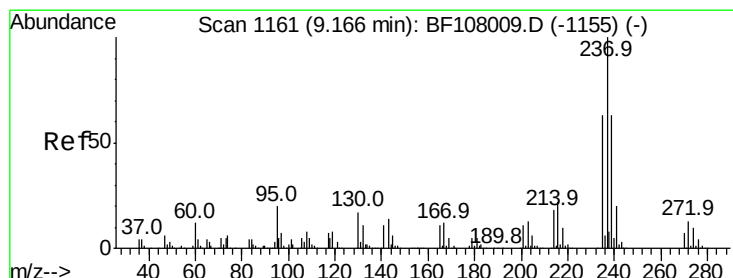
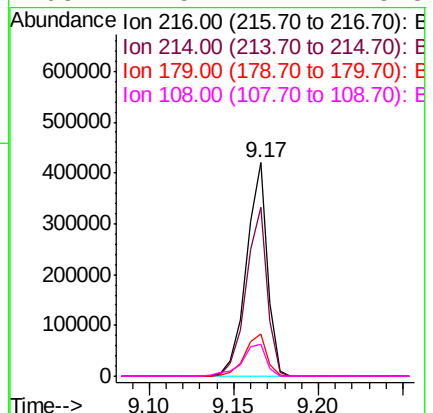
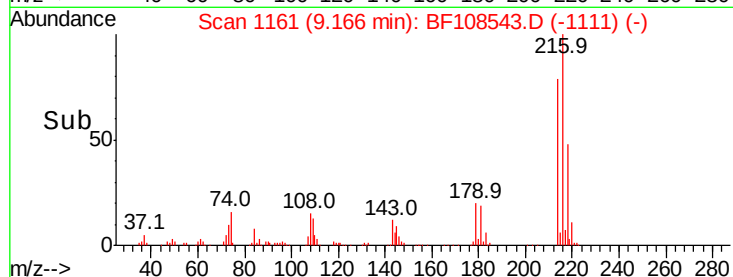
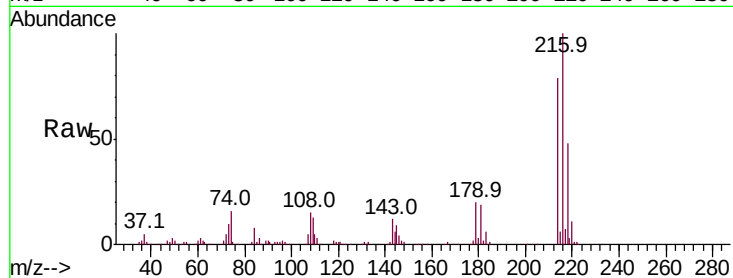
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.707 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.4	18.1	27.1
108	17.5	17.2	25.8

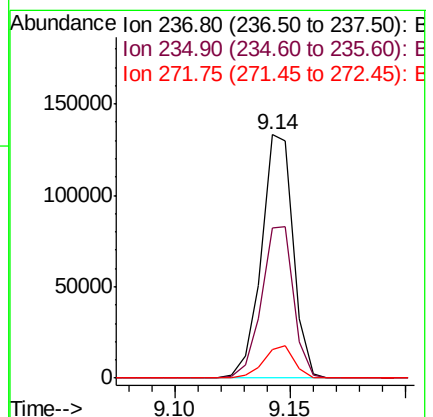
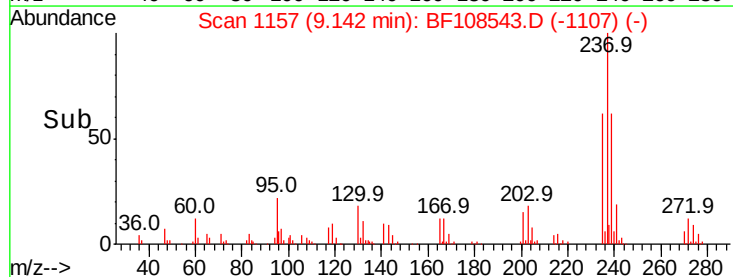
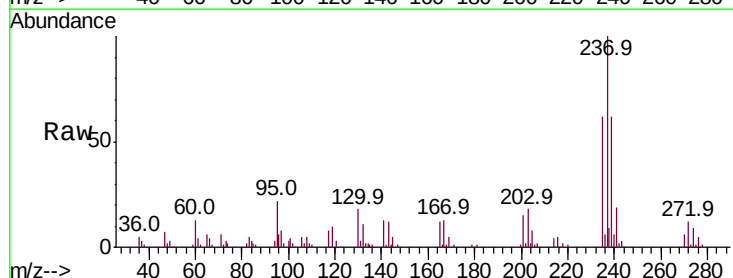
Manual Integrations
 APPROVED

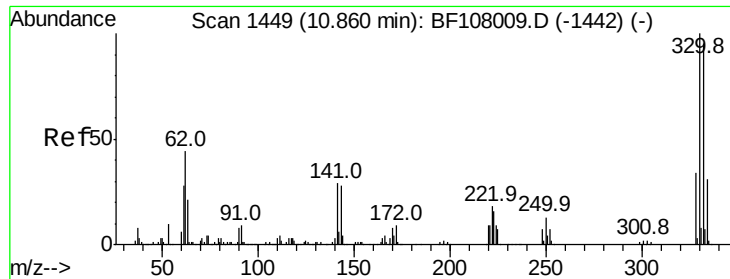
Sohil
 8/28/2018 12:16:50 PM



#40
 Hexachlorocyclopentadiene
 Concen: 33.691 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	44.8	84.8
272	11.9	0.0	33.3





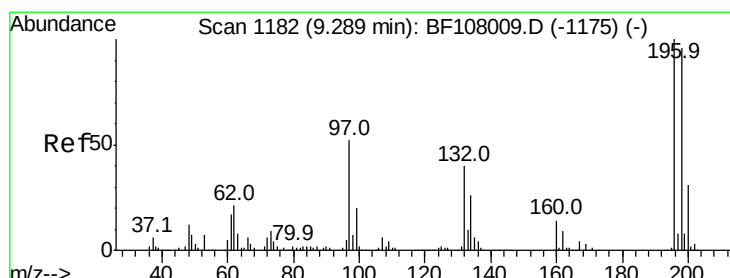
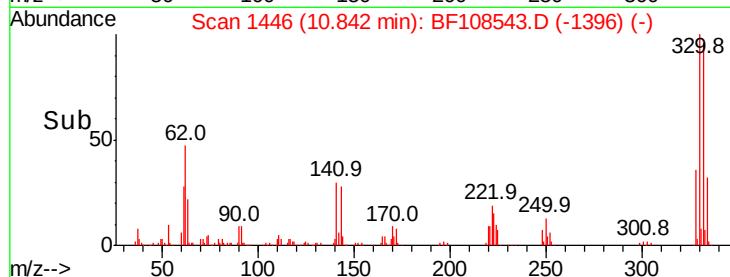
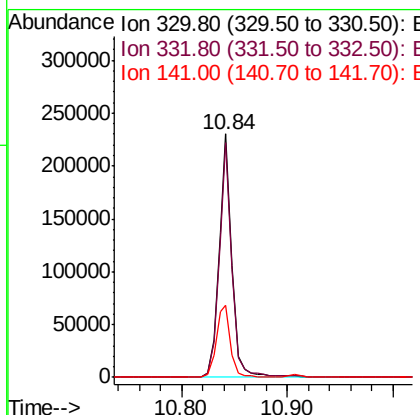
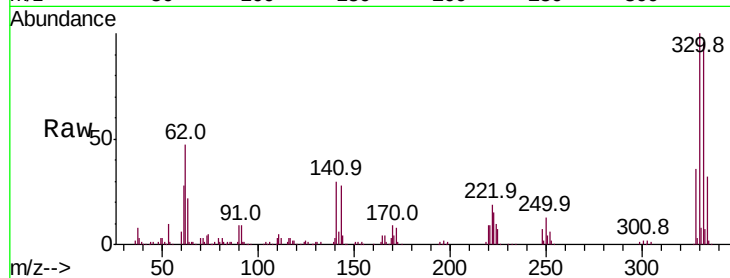
#41
 2,4,6-Tribromophenol
 Concen: 104.139 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198776		
332	96.8	77.0	115.6	
141	32.9	29.9	44.9	

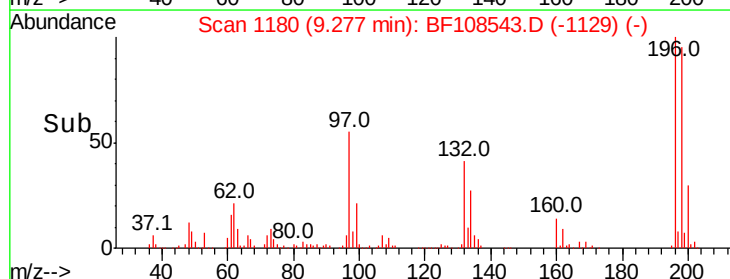
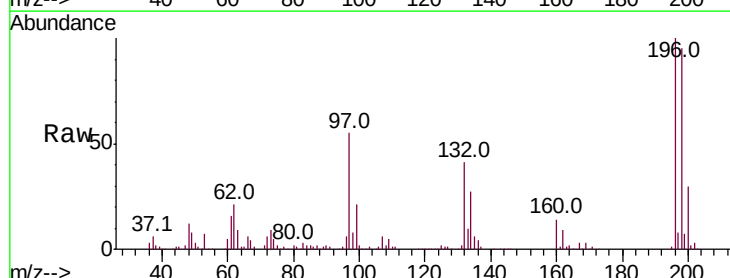
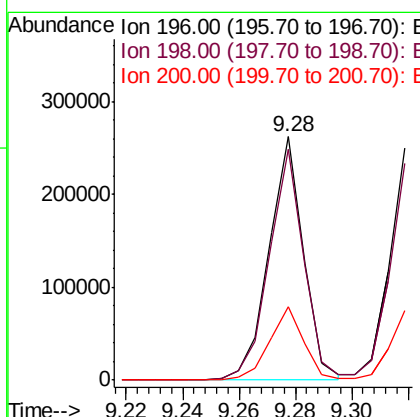
Manual Integrations
 APPROVED

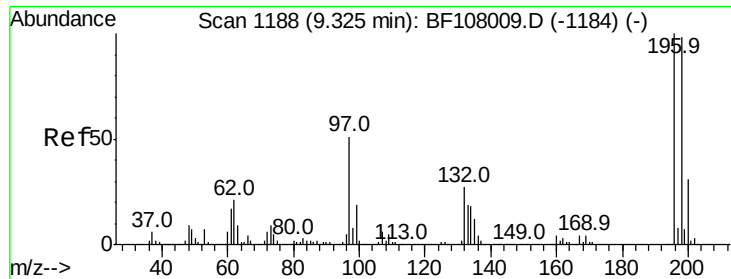
Sohil
 8/28/2018 12:16:50 PM



#42
 2,4,6-Trichlorophenol
 Concen: 60.913 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	222126		
198	94.9	75.7	113.5	
200	30.0	24.5	36.7	





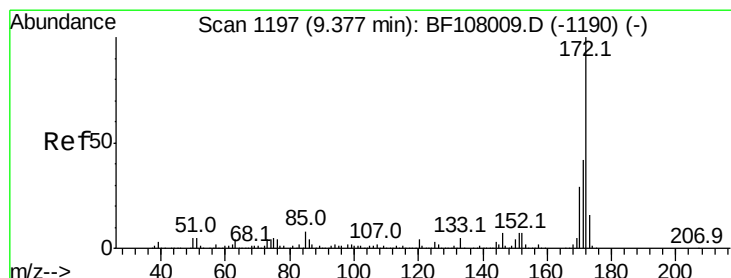
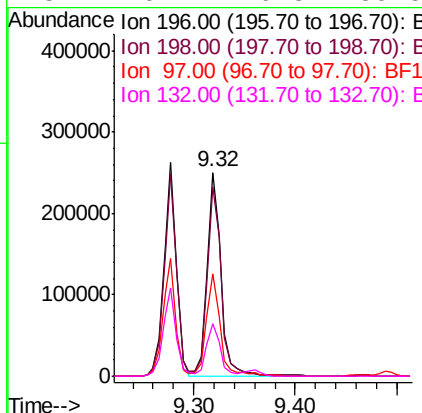
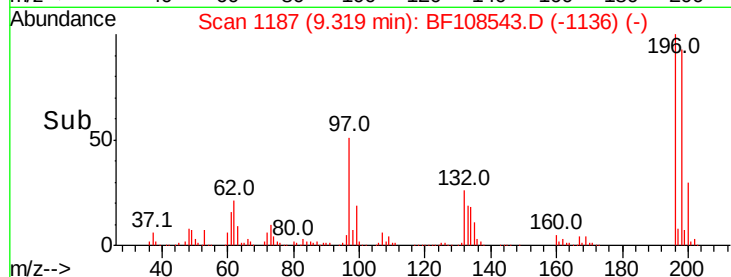
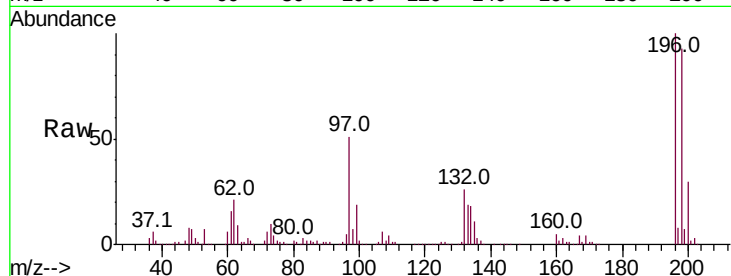
#43
 2,4,5-Trichlorophenol
 Concen: 58.772 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	93.3	74.6	112.0
97	50.6	42.9	64.3
132	26.1	26.3	39.5#

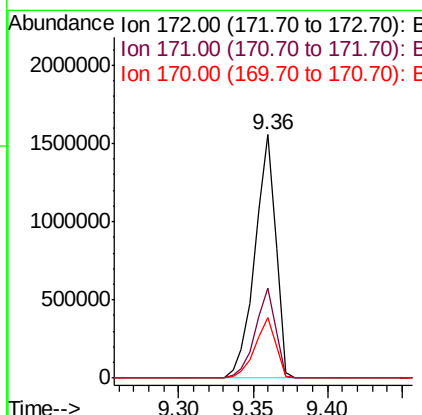
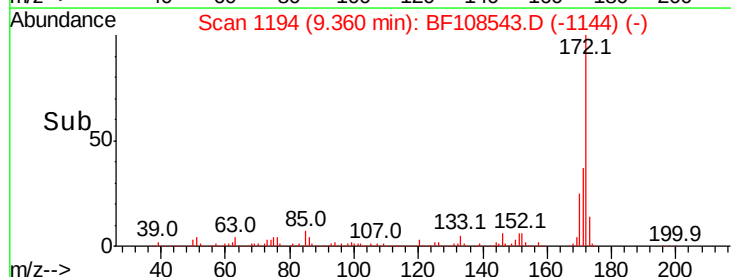
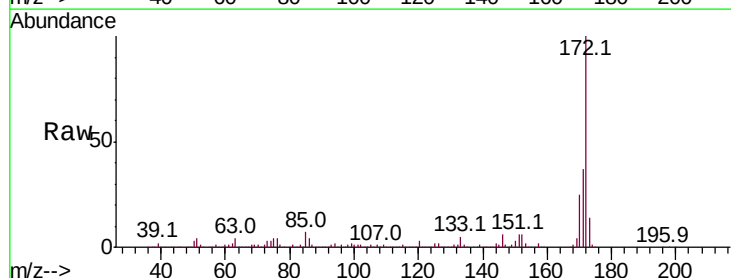
Manual Integrations
 APPROVED

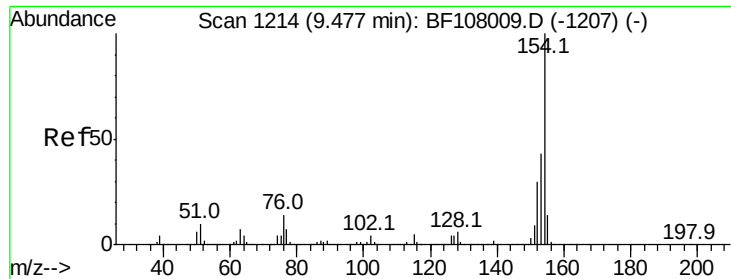
Sohil
 8/28/2018 12:16:50 PM



#44
 2-Fluorobiphenyl
 Concen: 125.199 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4





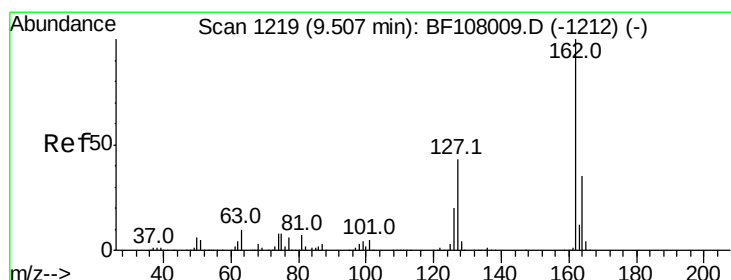
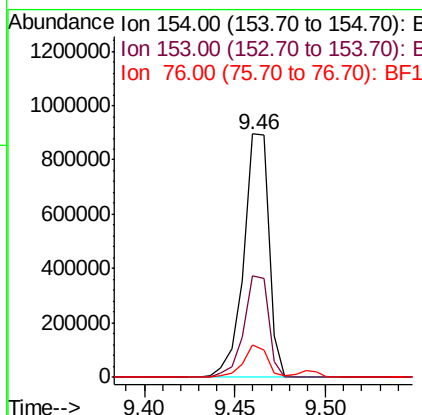
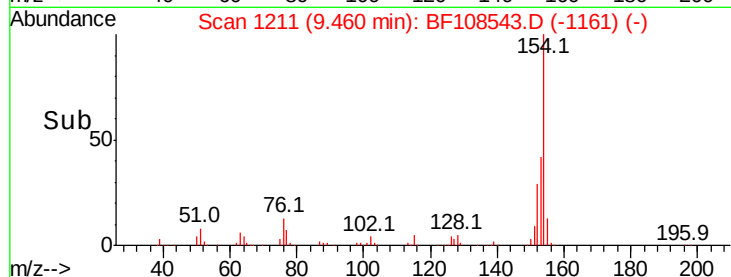
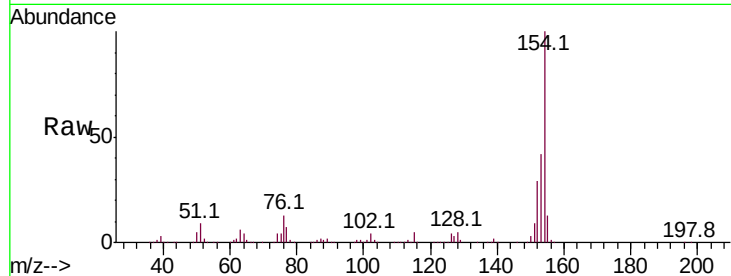
#45
 1,1'-Biphenyl
 Concen: 61.321 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.6	21.3	61.3	
76	13.2	0.0	34.0	

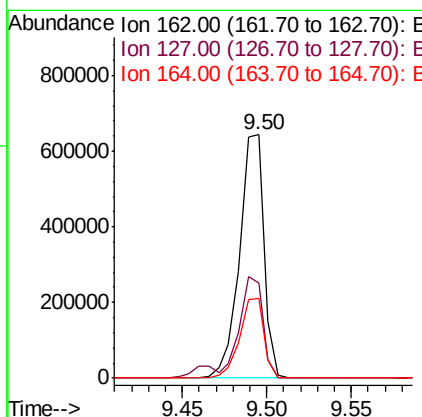
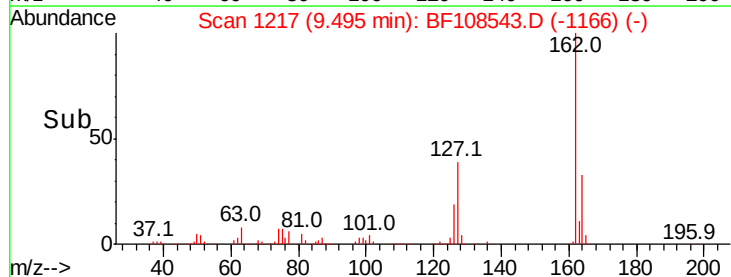
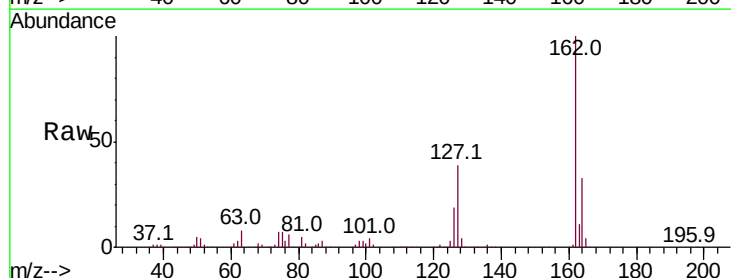
Manual Integrations
 APPROVED

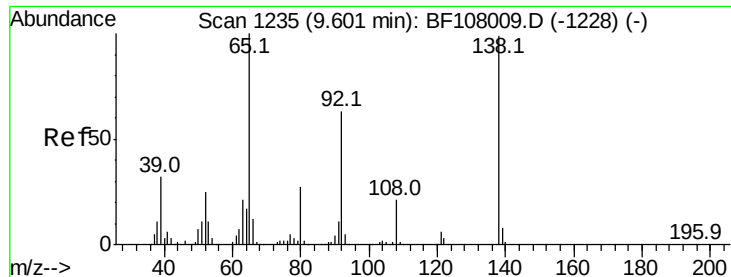
Sohil
 8/28/2018 12:16:50 PM



#46
 2-Chloronaphthalene
 Concen: 58.356 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	33.9	50.9	
164	32.8	26.5	39.7	





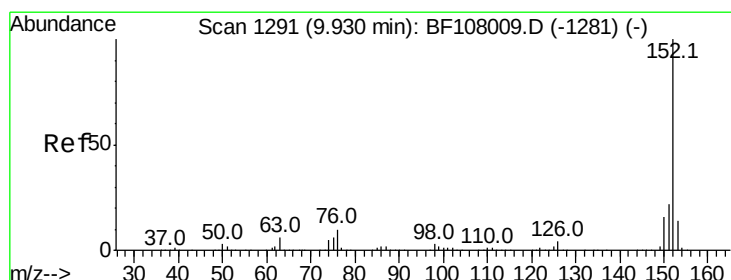
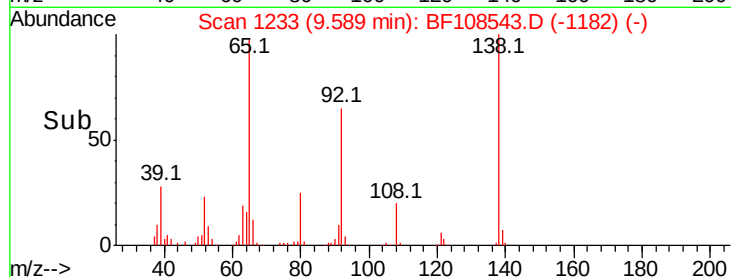
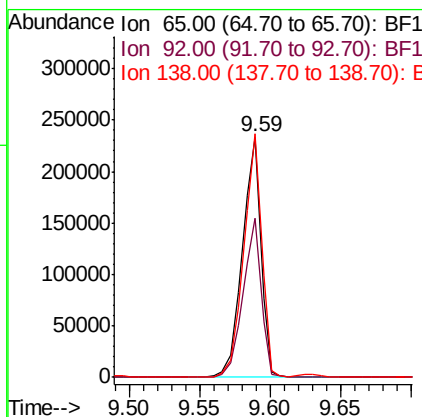
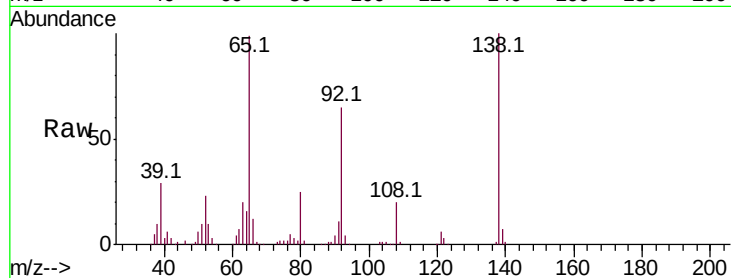
#47
2-Nitroaniline
Concen: 59.455 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	55.8	83.6
138	101.4	91.2	136.8

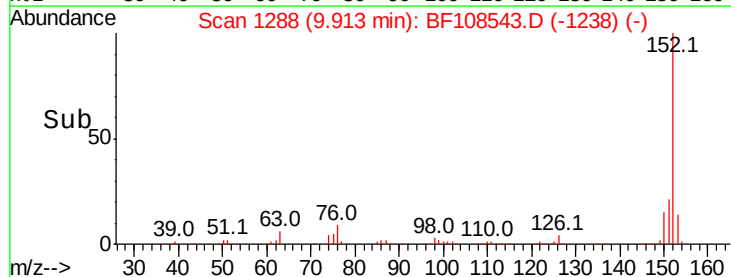
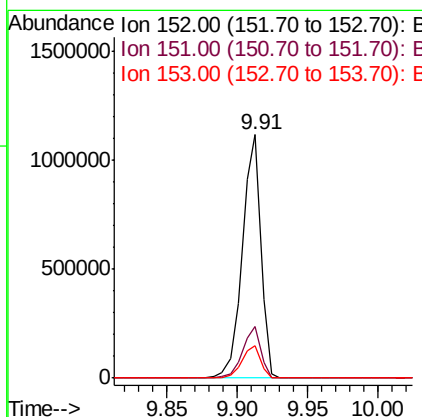
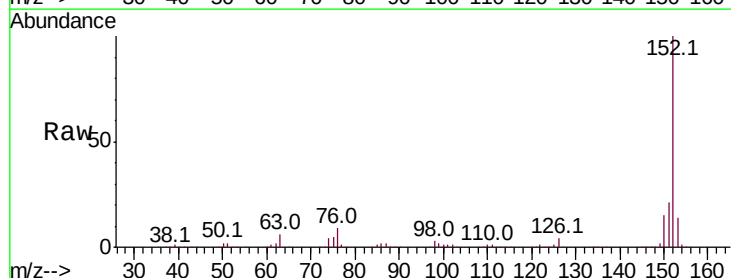
Manual Integrations
APPROVED

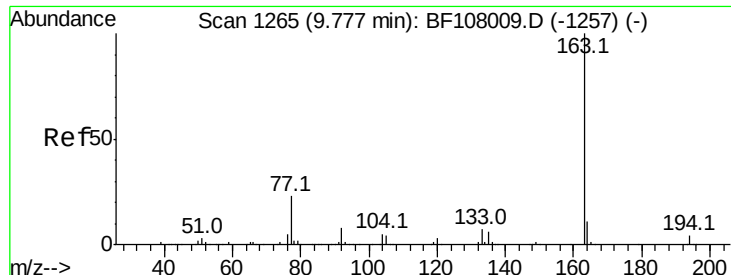
Sohil
8/28/2018 12:16:50 PM



#48
Acenaphthylene
Concen: 57.550 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.5	10.7	16.1





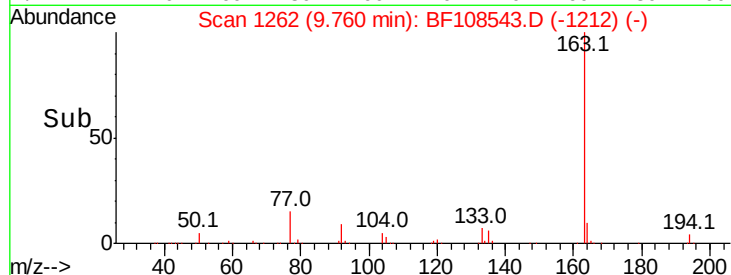
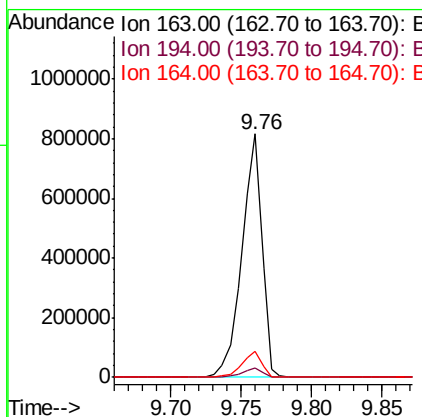
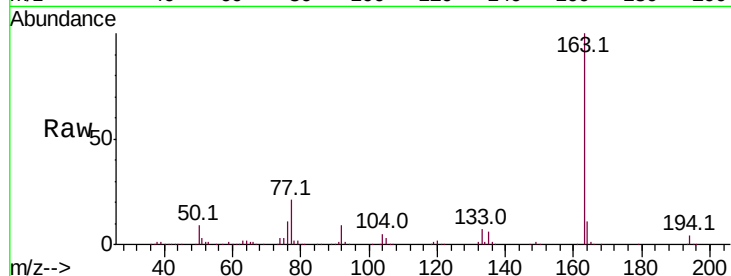
#49
Dimethylphthalate
Concen: 60.656 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampled :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.7	4.1#	
164	10.5	8.2	12.2	

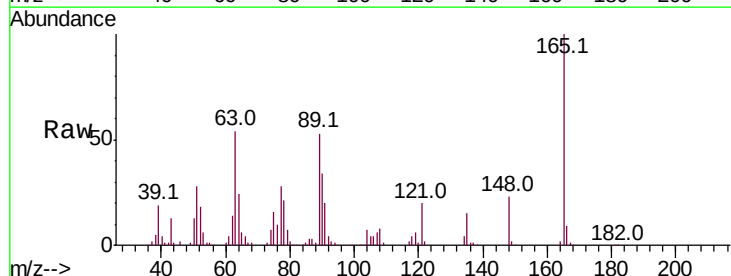
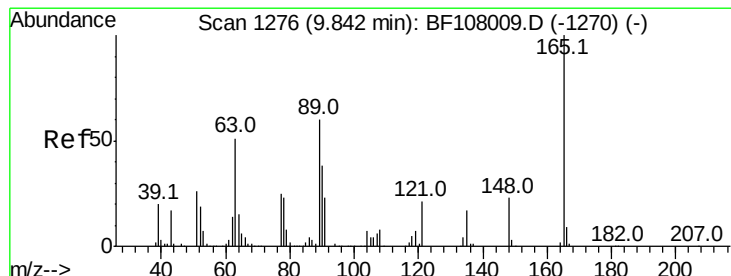
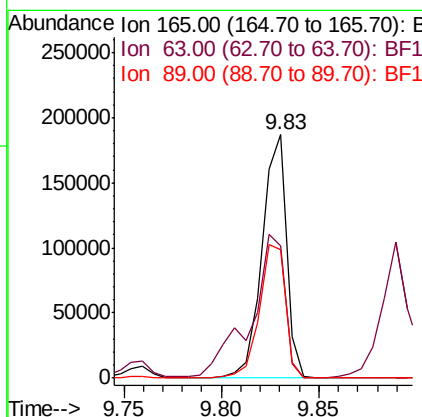
Manual Integrations
APPROVED

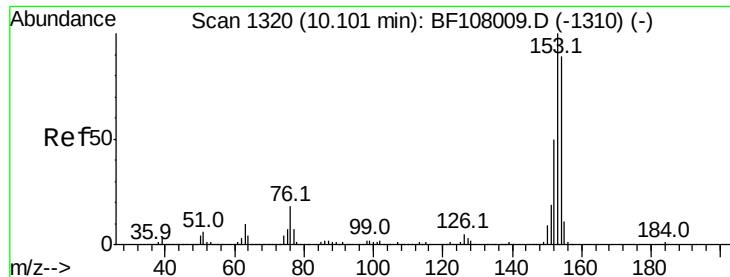
Sohil
8/28/2018 12:16:50 PM



#50
2,6-Dinitrotoluene
Concen: 58.365 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.5	44.7	67.1	
89	52.9	44.0	66.0	





#51

Acenaphthene

Concen: 54.176 ng

RT: 10.08 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

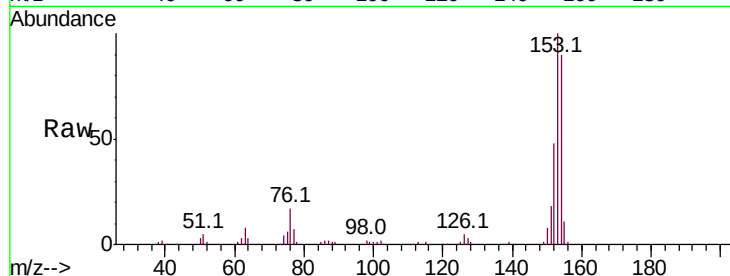
ClientSampleId :

PB112391BSD

Tot Ion:	154	Resp:	584984
Ion	Ratio	Lower	Upper
154	100		
153	111.4	91.2	136.8
152	53.8	43.8	65.8

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

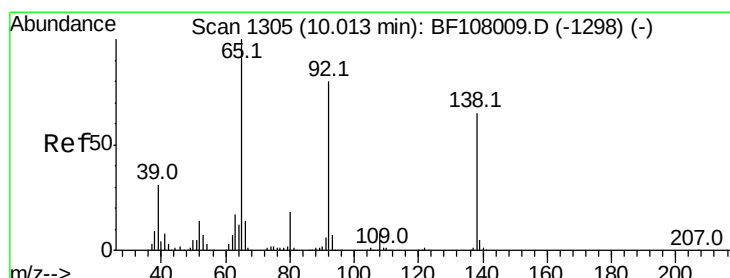
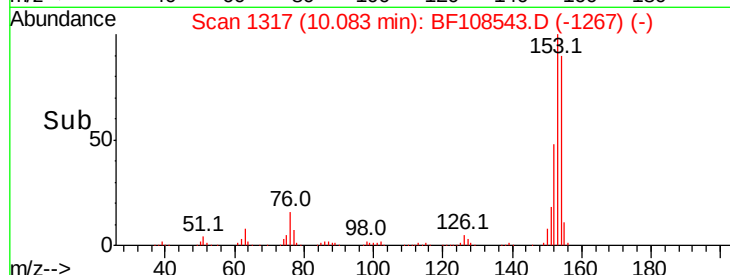
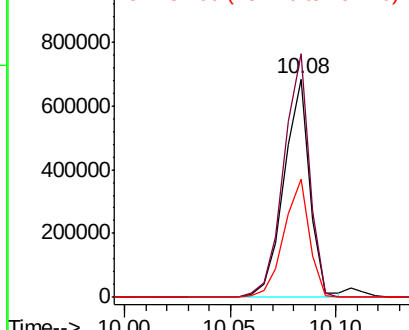


Abundance

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: 30.927 ng

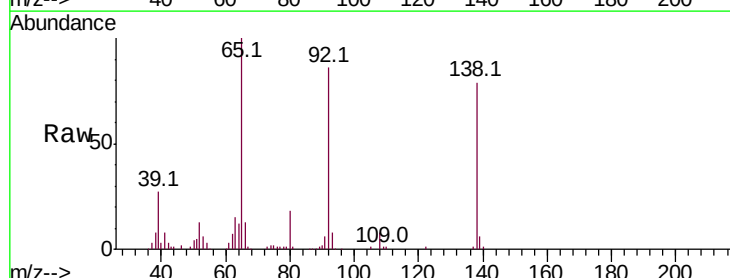
RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	138	Resp:	94370
Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	109.1	89.4	134.2

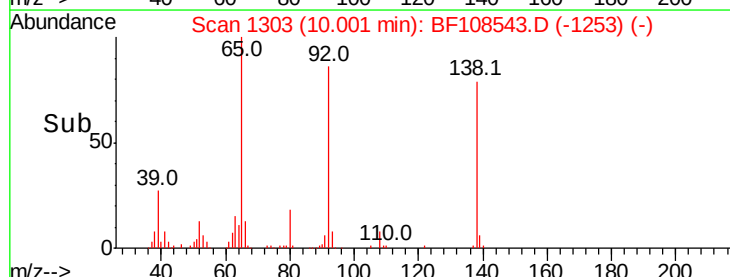
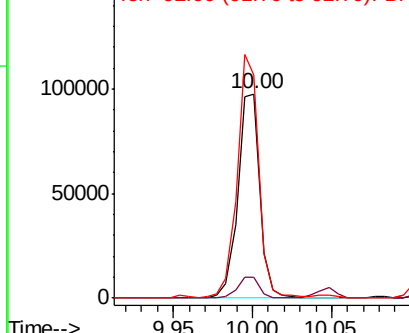


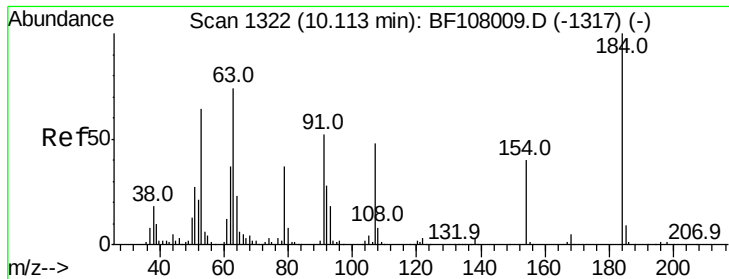
Abundance

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





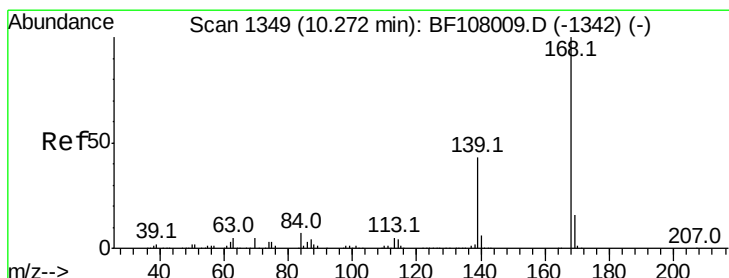
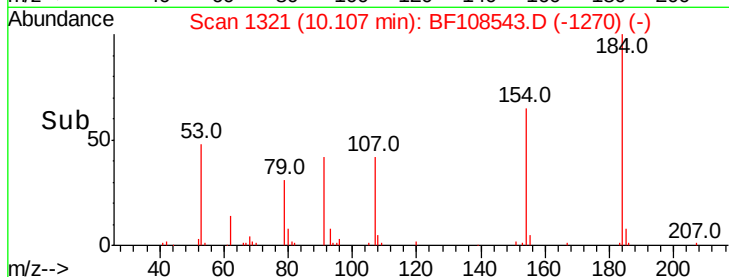
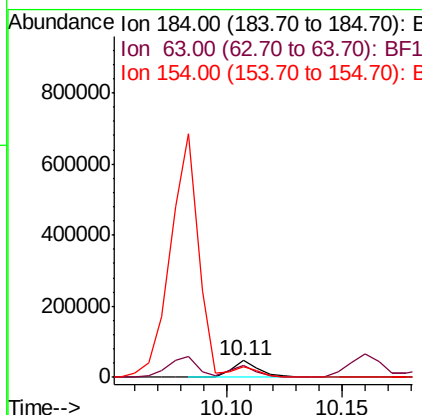
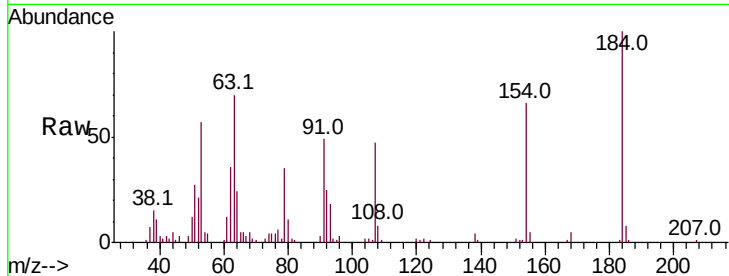
#53
2,4-Dinitrophenol
Concen: 41.378 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.2	54.2	81.2	
154	65.8	184.0	276.0	

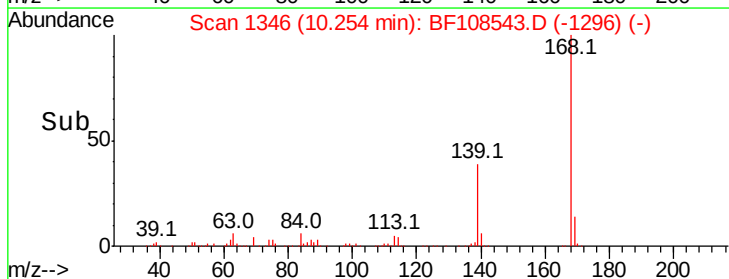
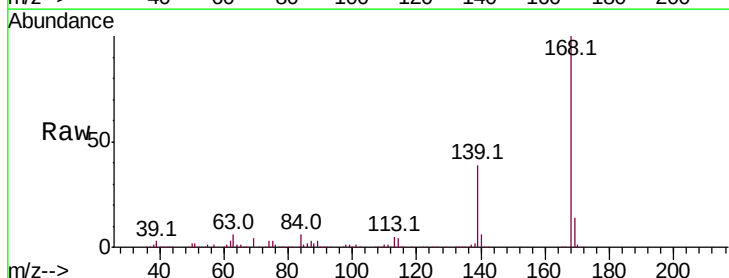
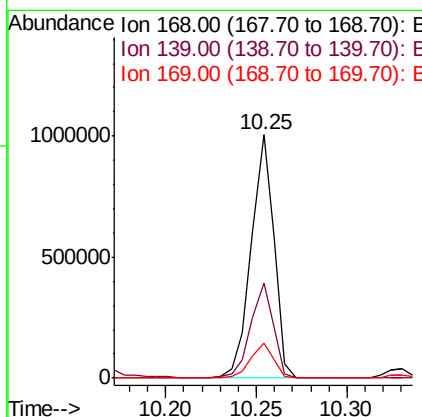
Manual Integrations
APPROVED

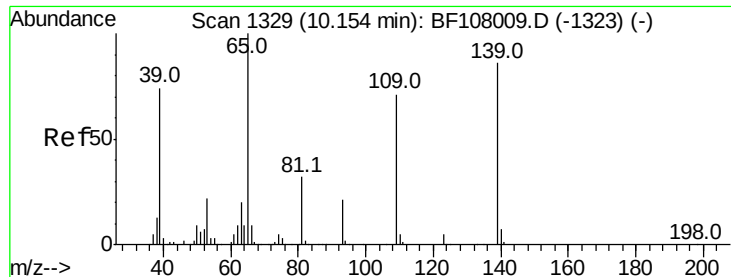
Sohil
8/28/2018 12:16:50 PM



#54
Dibenzofuran
Concen: 56.104 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.1	30.1	45.1	
169	14.1	10.9	16.3	





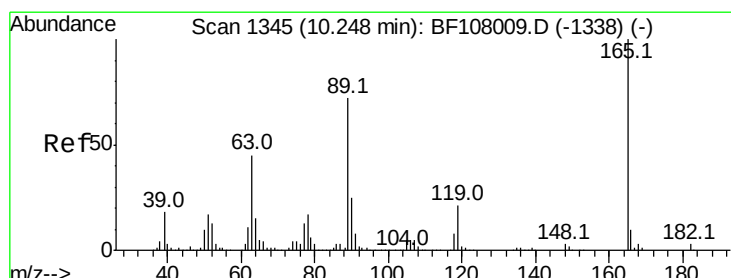
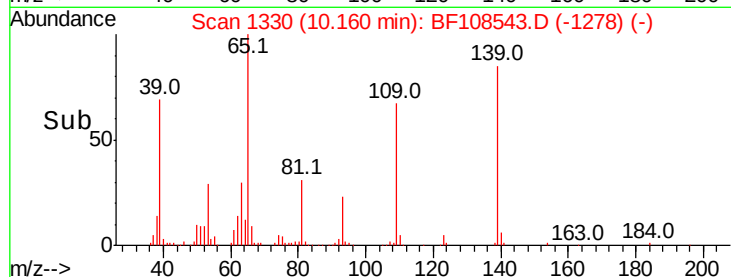
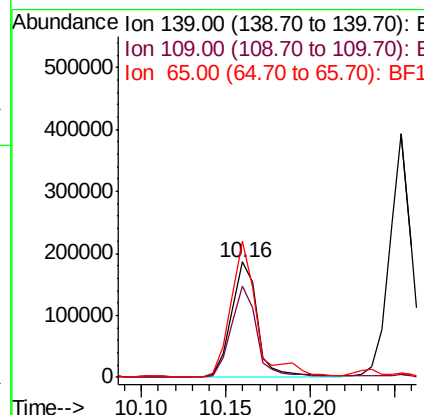
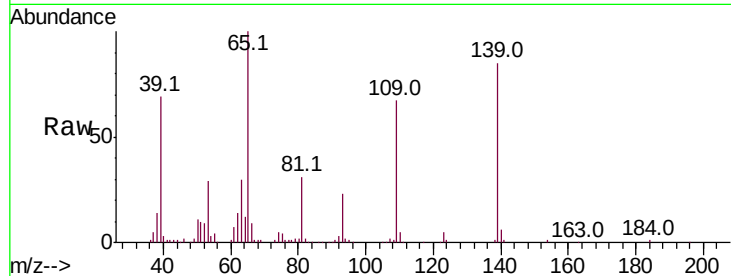
#55
4-Nitrophenol
Concen: 87.295 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleID :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.2	48.4	88.4	
65	118.1	72.6	112.6	

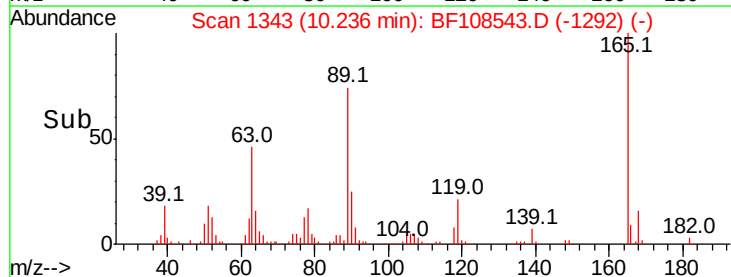
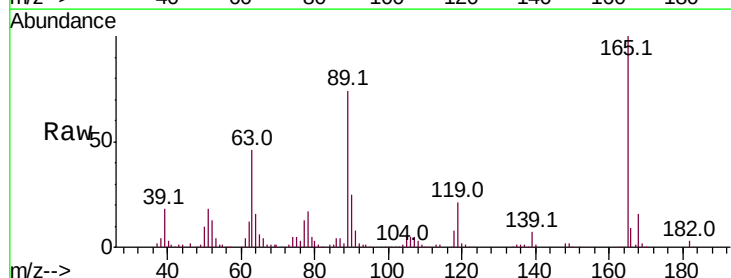
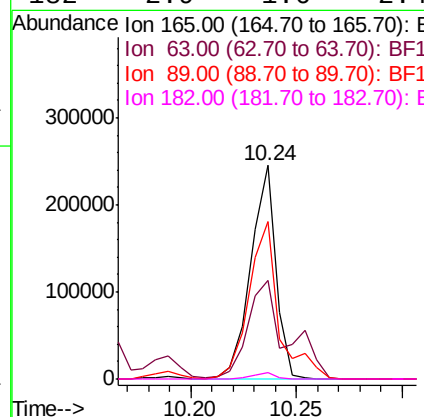
Manual Integrations
APPROVED

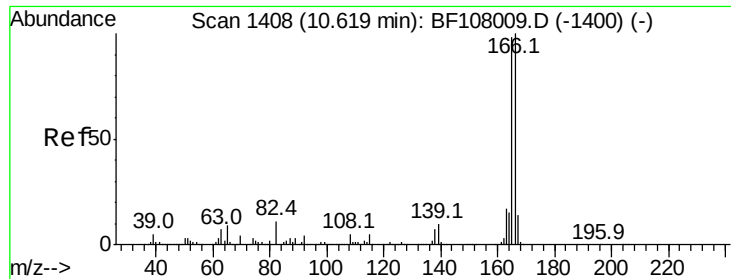
Sohil
8/28/2018 12:16:50 PM



#56
2,4-Dinitrotoluene
Concen: 56.603 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.3	36.4	54.6	
89	73.7	57.8	86.6	
182	2.9	1.6	2.4	





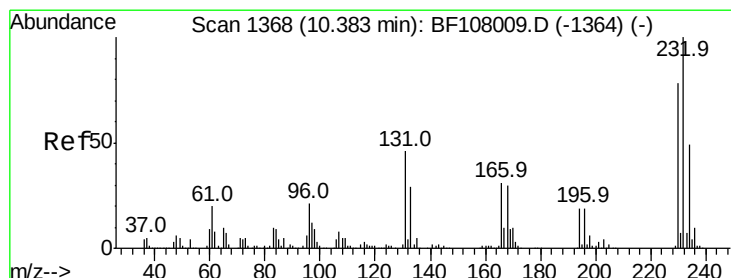
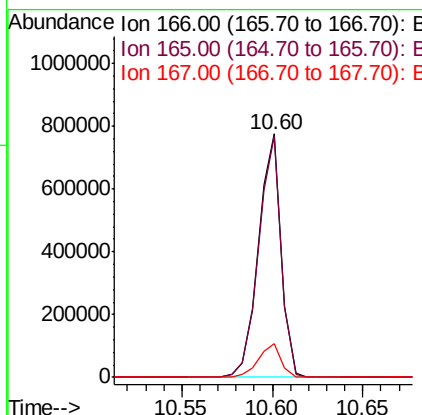
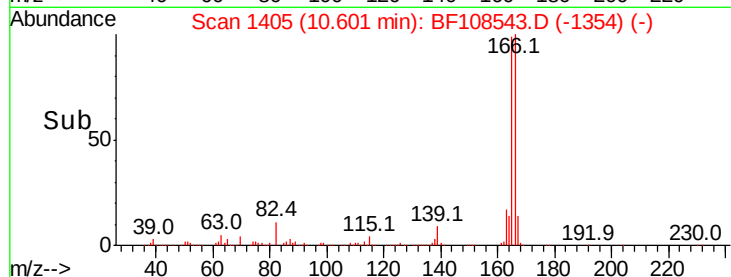
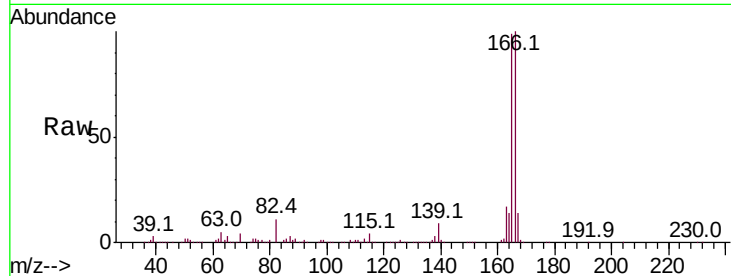
#57
 Fluorene
 Concen: 54.353 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	673092		
165	99.0		79.8	119.8
167	13.6		10.6	16.0

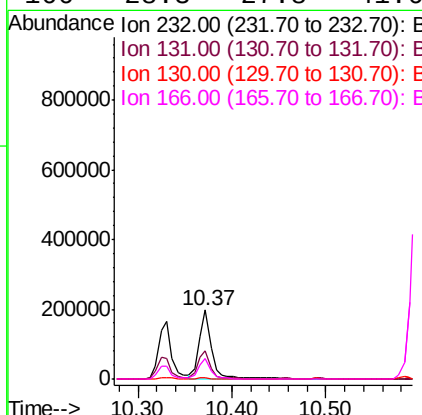
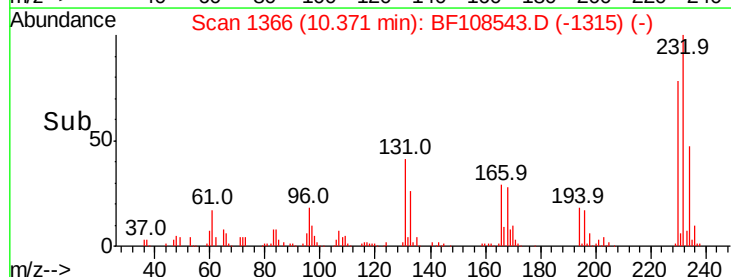
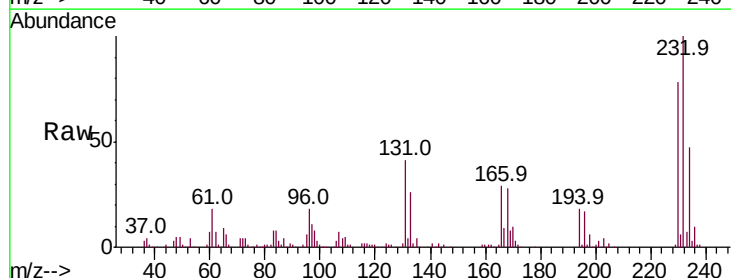
Manual Integrations
 APPROVED

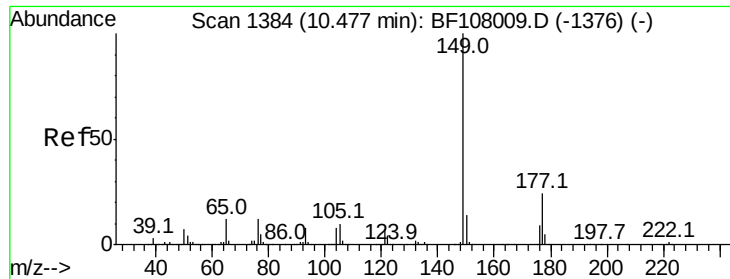
Sohil
 8/28/2018 12:16:50 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.068 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	181410		
131	41.6		43.8	65.8#
130	2.0		2.1	3.1#
166	28.3		27.8	41.6





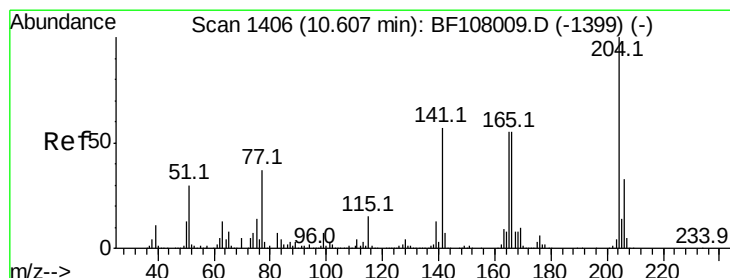
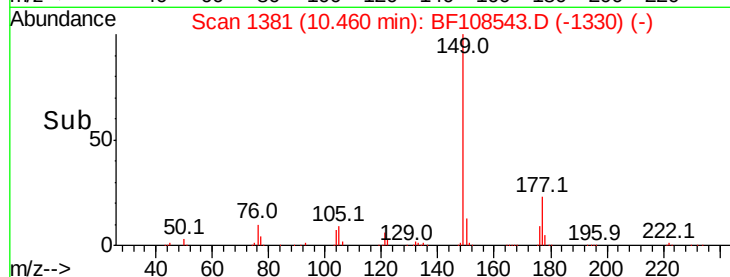
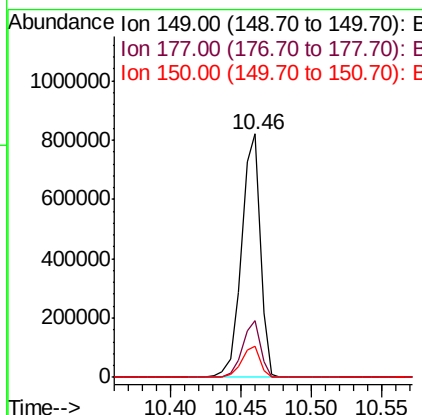
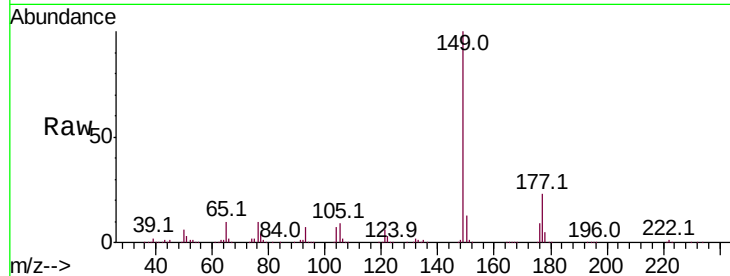
#59
Diethylphthalate
Concen: 58.915 ng
RT: 10.46 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampled :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	760454		
177	23.4	16.1	24.1	
150	12.9	10.1	15.1	

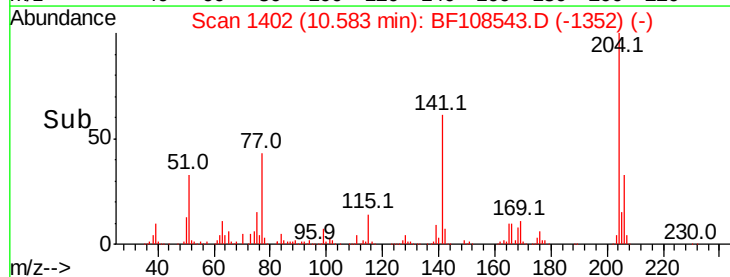
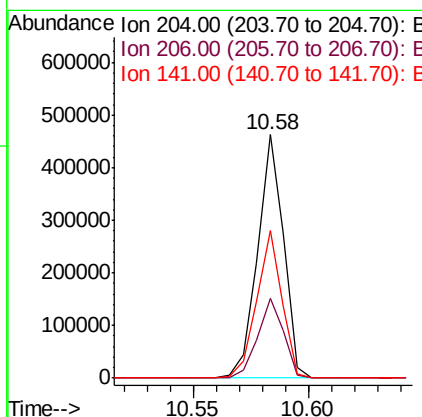
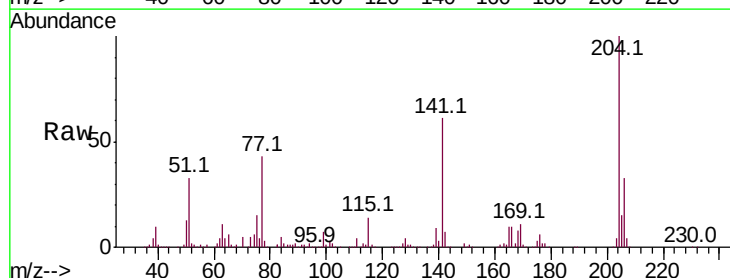
Manual Integrations
APPROVED

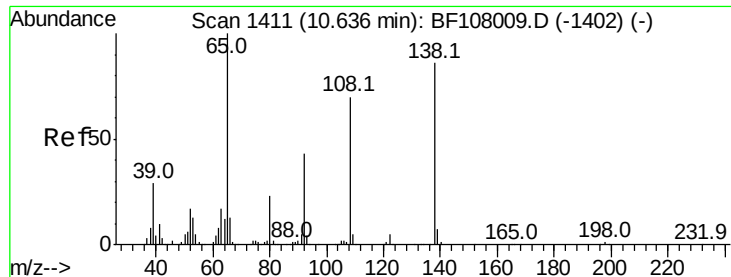
Sohil
8/28/2018 12:16:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 56.204 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	362677		
206	32.9	26.5	39.7	
141	60.7	54.6	81.8	





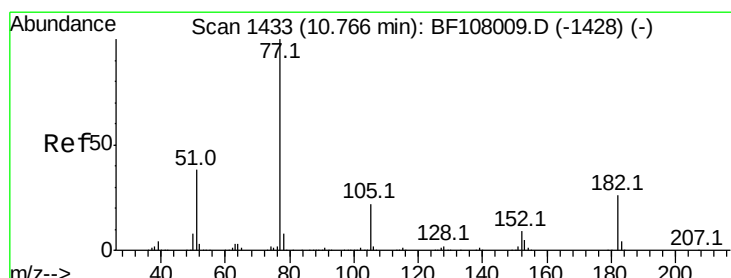
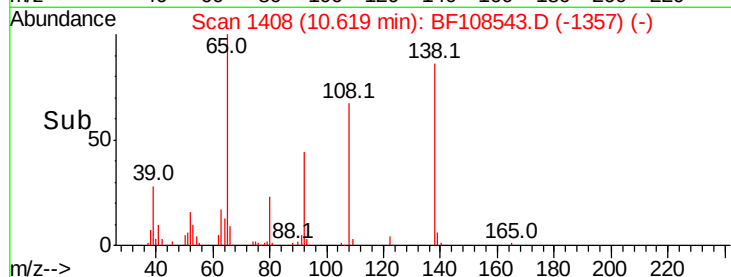
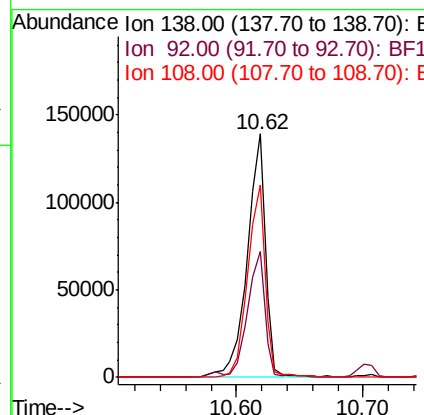
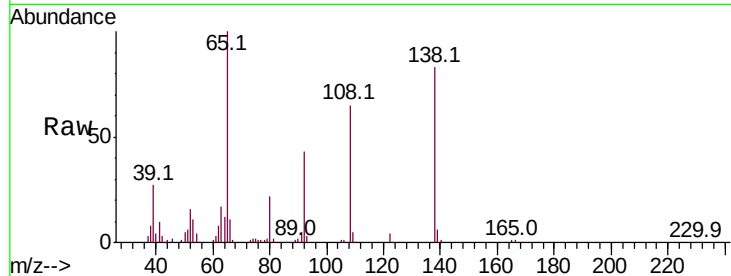
#61
4-Nitroaniline
Concen: 46.206 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	51.5	30.2	70.2	
108	79.1	52.5	92.5	

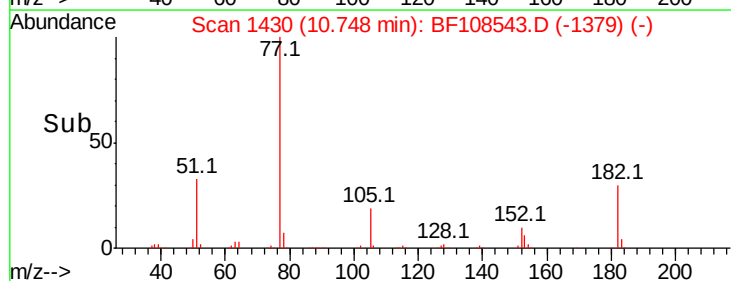
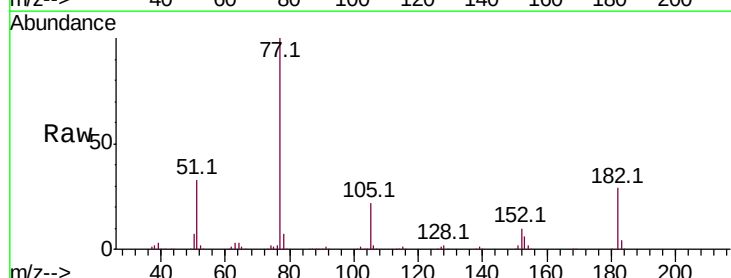
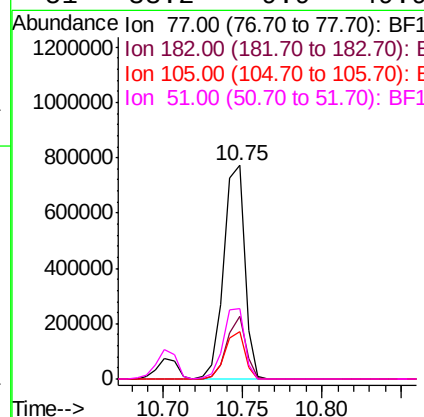
Manual Integrations
APPROVED

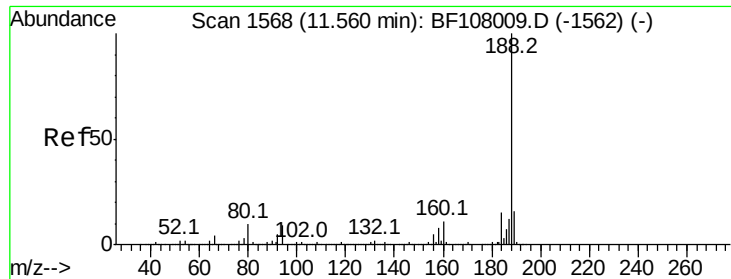
Sohil
8/28/2018 12:16:50 PM



#62
Azobenzene
Concen: 53.249 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	29.2	1.7	41.7	
105	21.9	3.0	43.0	
51	33.2	9.9	49.9	





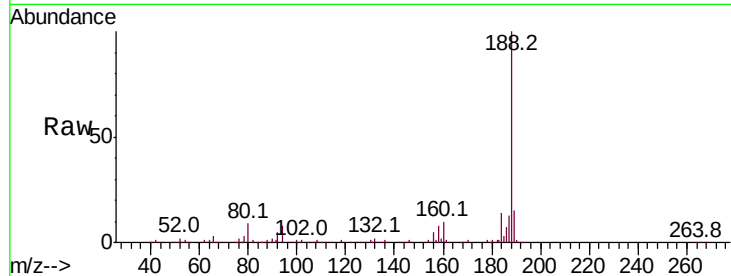
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

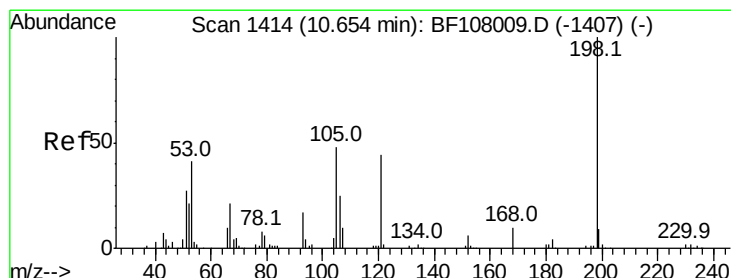
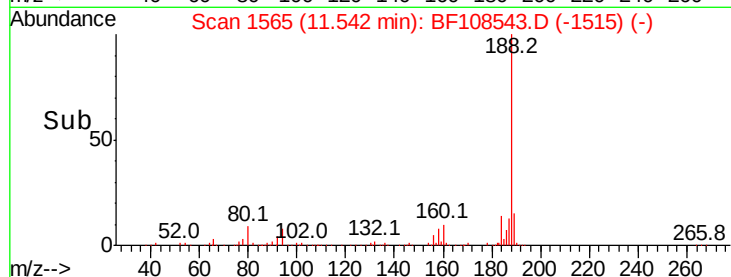
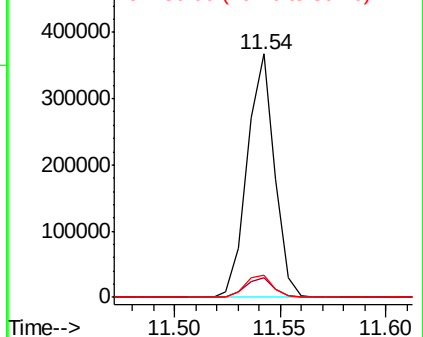
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.9	9.2	13.8#

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

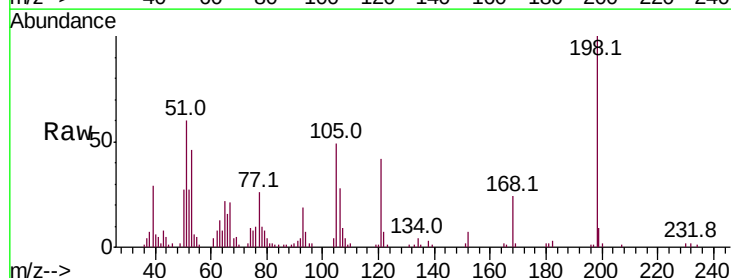


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

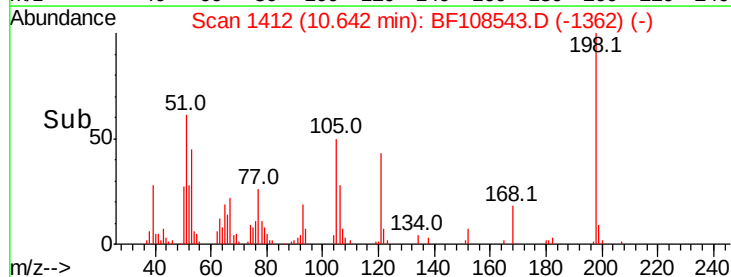
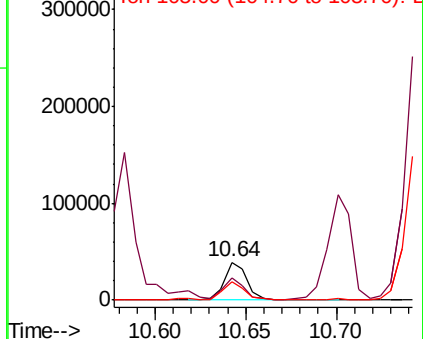


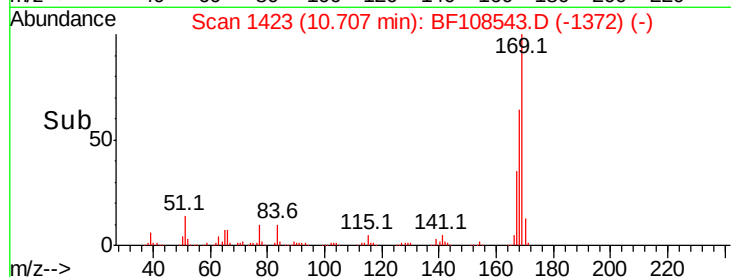
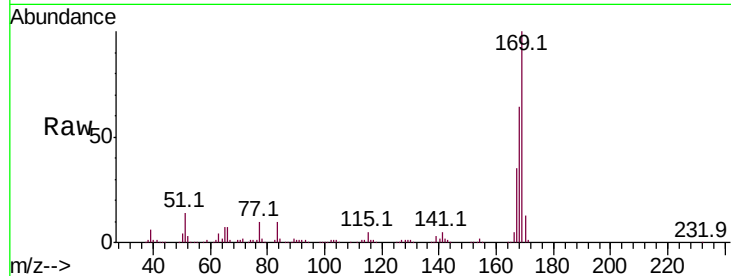
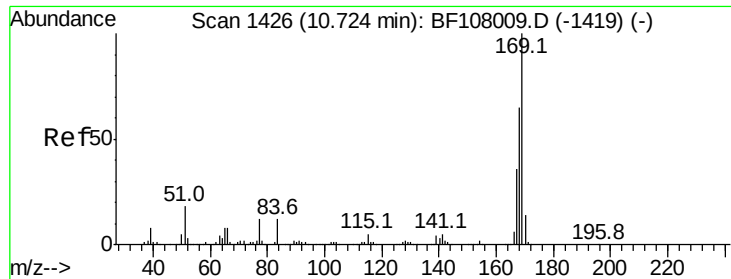
#64
4,6-Dinitro-2-methylphenol
Concen: 29.768 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.1	37.7	77.7
105	49.1	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





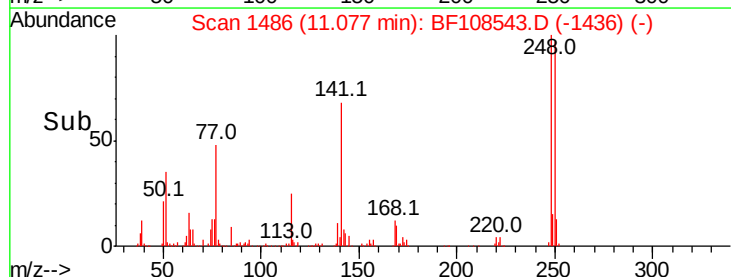
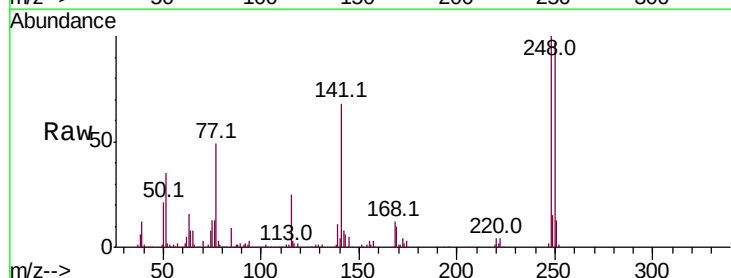
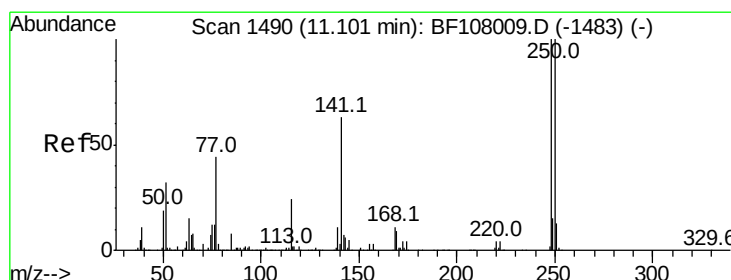
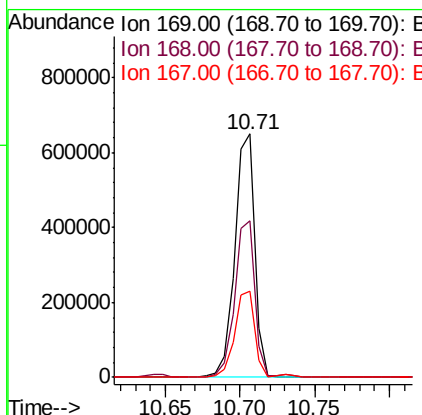
#65
n-Nitrosodiphenylamine
Concen: 63.094 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	614520		
168	64.1	54.4	81.6	
167	35.3	29.8	44.6	

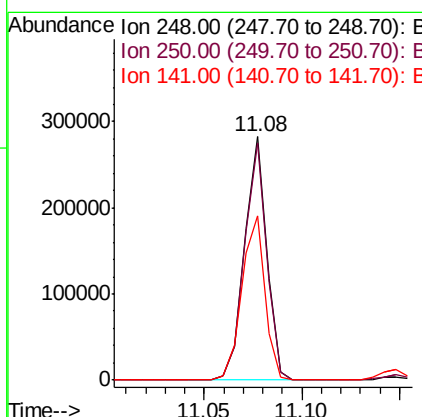
Manual Integrations
APPROVED

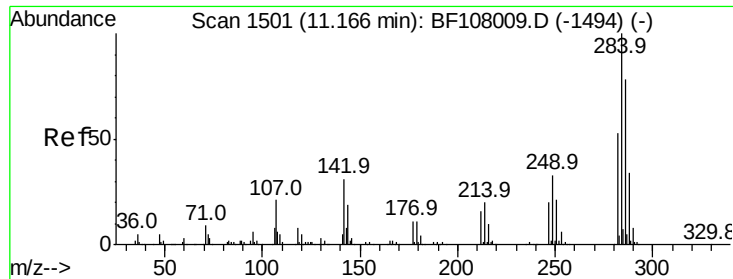
Sohil
8/28/2018 12:16:50 PM



#66
4-Bromophenyl-phenylether
Concen: 62.388 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	223461		
250	97.2	76.9	115.3	
141	67.7	74.4	111.6	





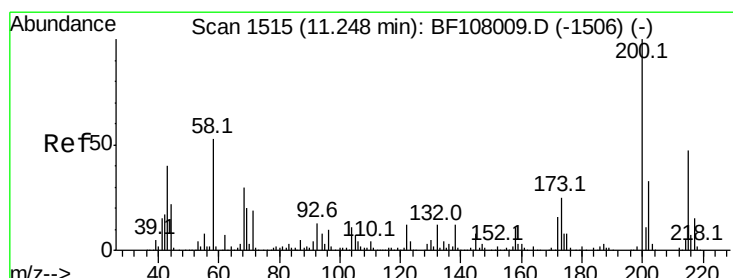
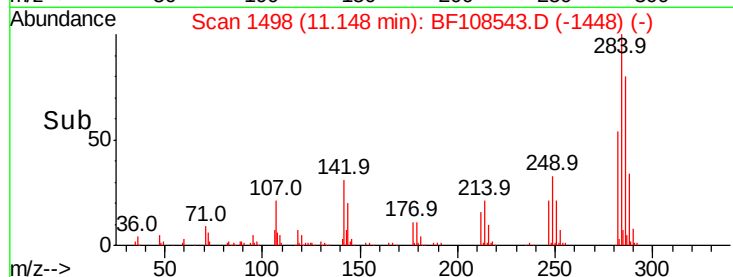
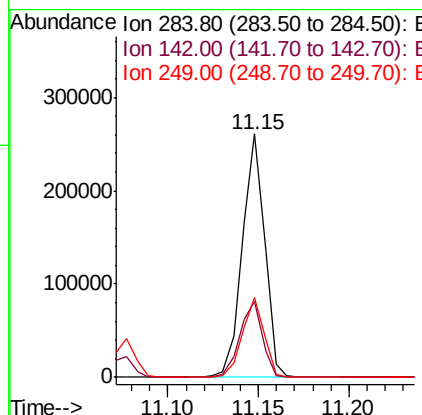
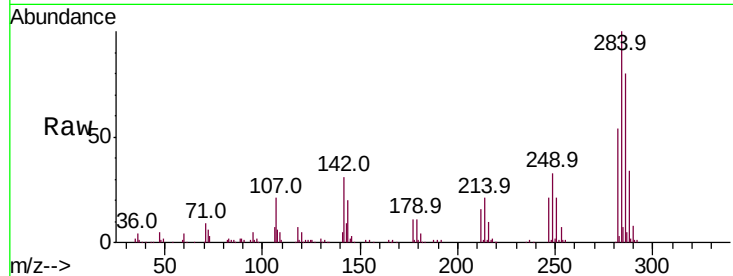
#67
Hexachlorobenzene
Concen: 58.991 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.3	34.6	52.0#
249	32.6	24.8	37.2

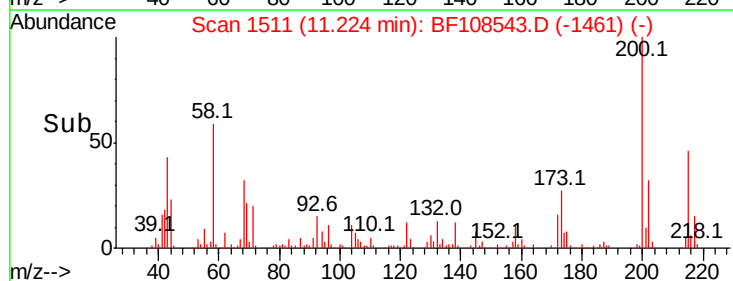
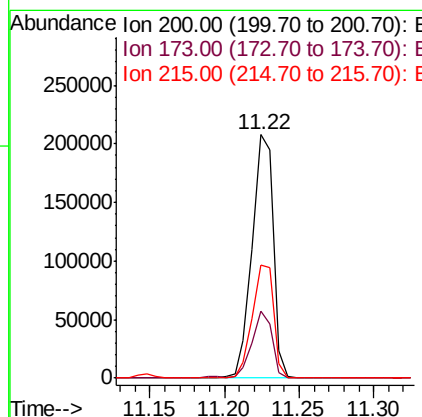
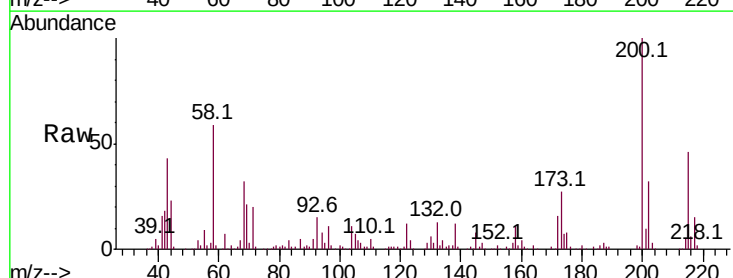
Manual Integrations
APPROVED

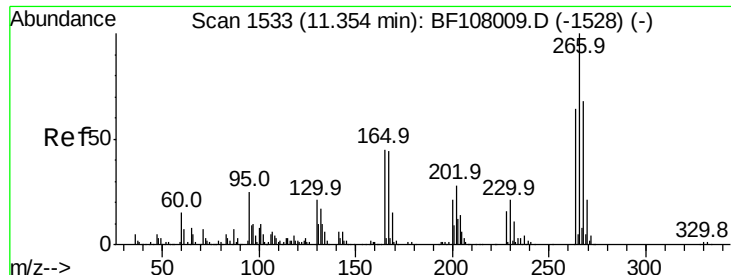
Sohil
8/28/2018 12:16:50 PM



#68
Atrazine
Concen: 62.299 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	8.6	48.6
215	46.3	25.1	65.1





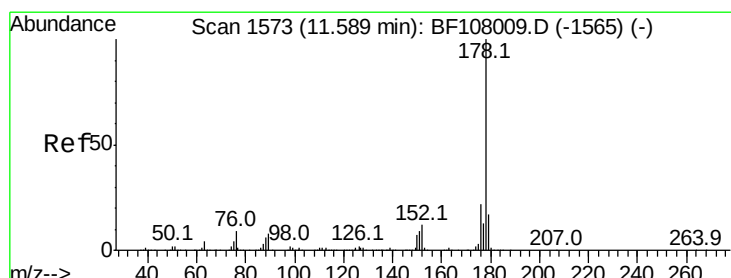
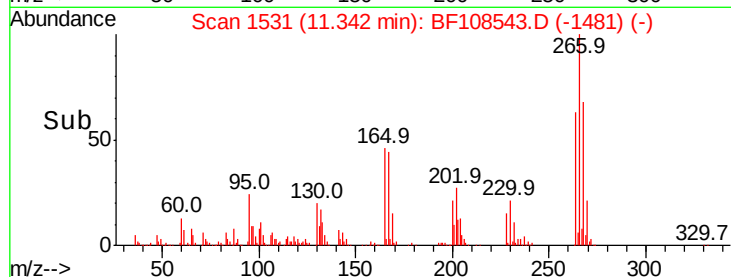
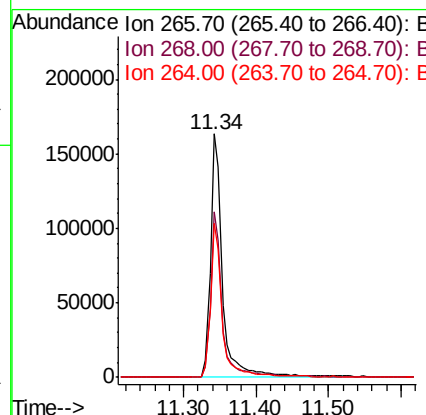
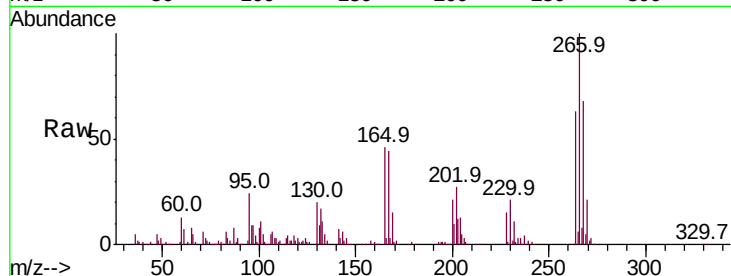
#69
 Pentachlorophenol
 Concen: 105.649 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	190572		
268	67.9	51.1	76.7	
264	63.3	49.5	74.3	

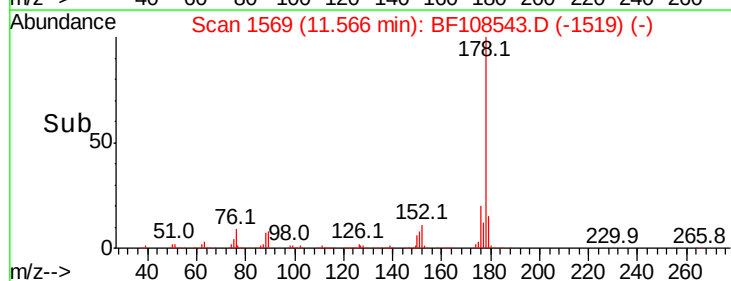
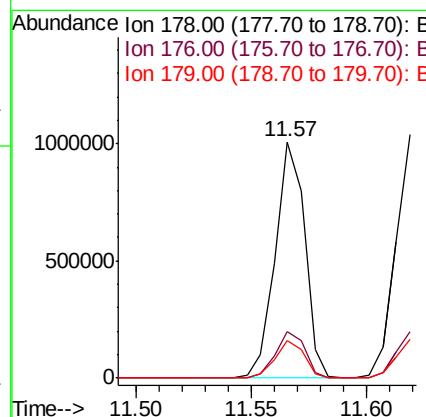
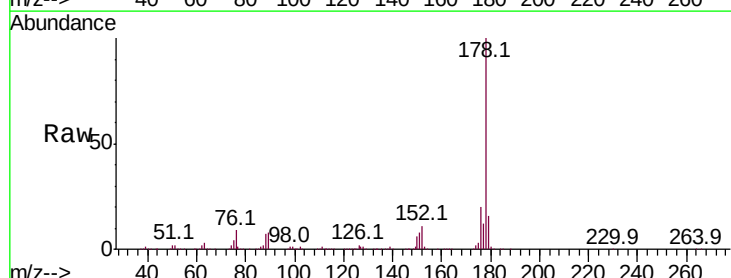
Manual Integrations
 APPROVED

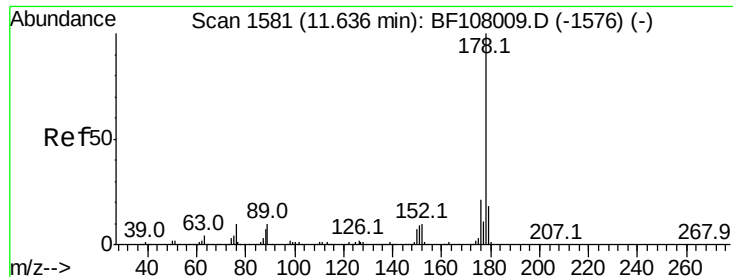
Sohil
 8/28/2018 12:16:50 PM



#70
 Phenanthrene
 Concen: 57.567 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	894923		
176	19.8	15.8	23.8	
179	15.9	13.0	19.6	





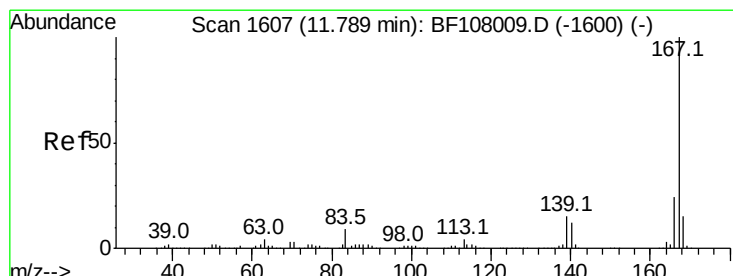
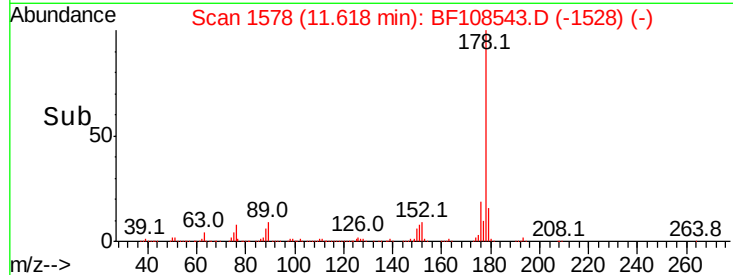
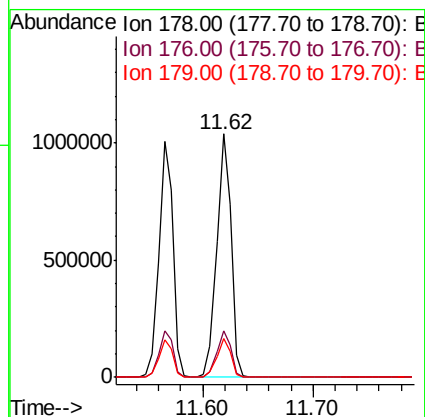
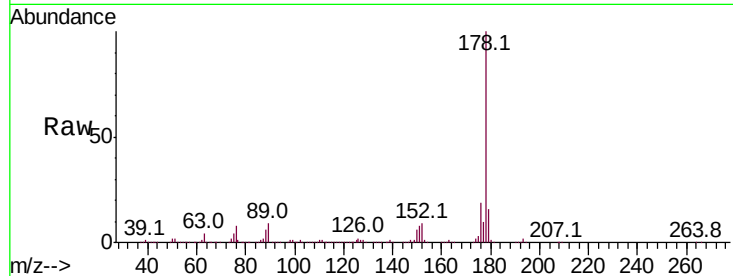
#71
 Anthracene
 Concen: 57.998 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion:	178	Resp:	924105
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

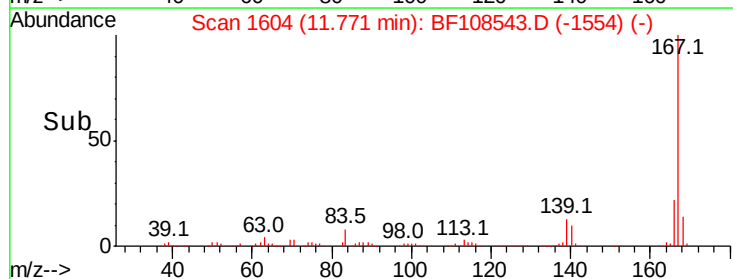
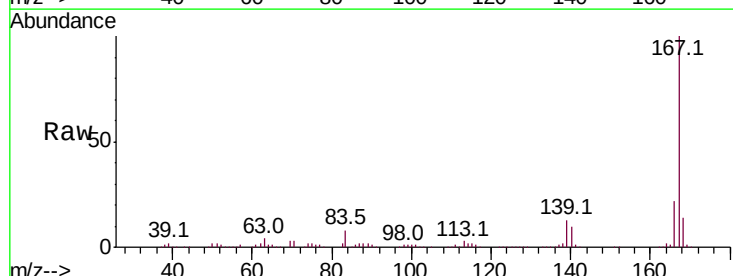
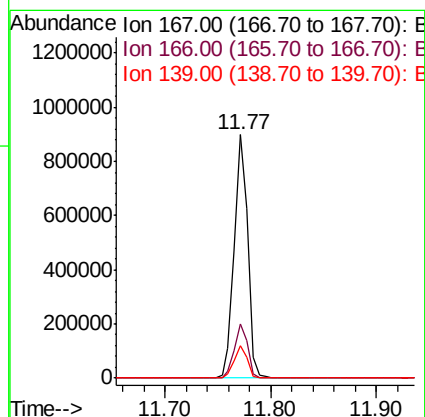
Manual Integrations
 APPROVED

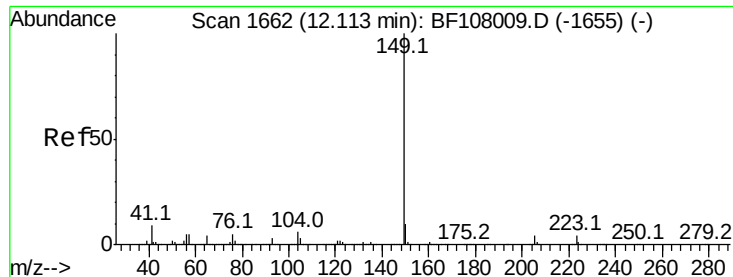
Sohil
 8/28/2018 12:16:50 PM



#72
 Carbazole
 Concen: 55.408 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion:	167	Resp:	784377
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 66.826 ng

RT: 12.08 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

ClientSampleId :

PB112391BSD

Tot Ion:149 Resp: 1071530

Ion Ratio Lower Upper

149 100

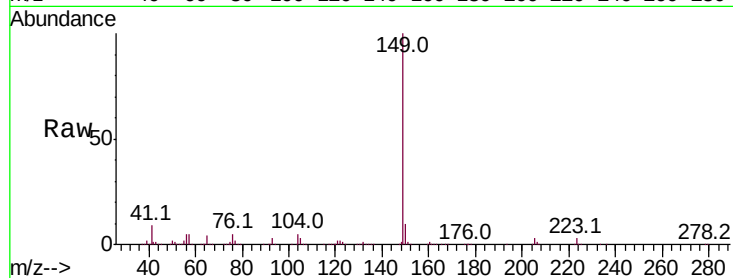
150 9.6 7.8 11.6

104 5.3 3.8 5.8

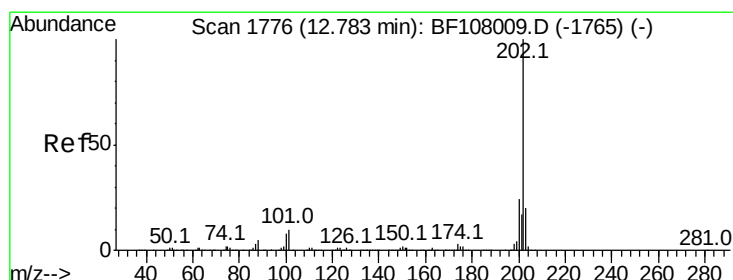
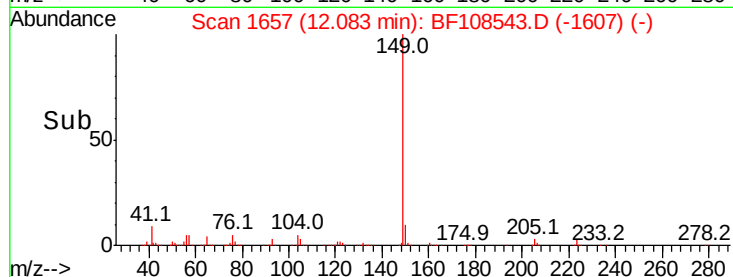
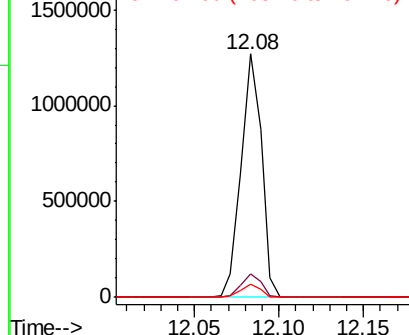
Manual Integrations
APPROVED

Sohil

8/28/2018 12:16:50 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.561 ng

RT: 12.76 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

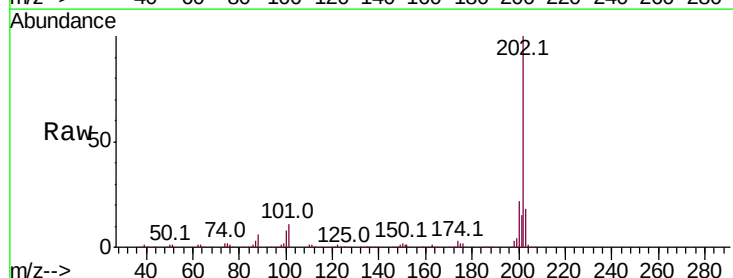
Tgt Ion:202 Resp: 925701

Ion Ratio Lower Upper

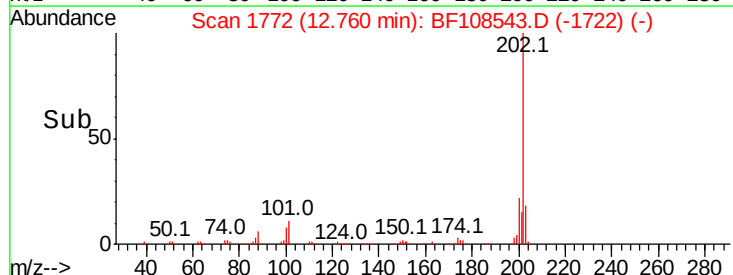
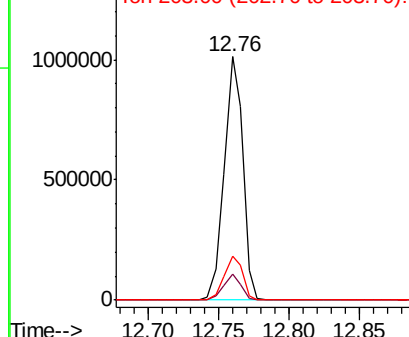
202 100

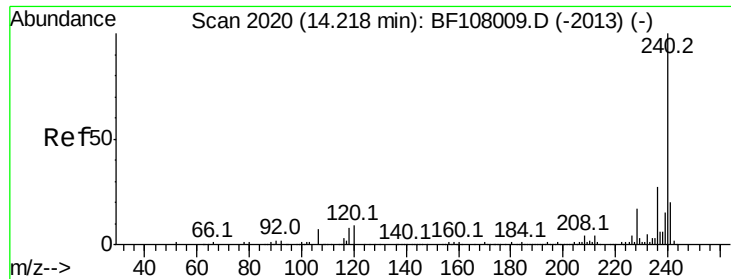
101 10.6 0.0 34.1

203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

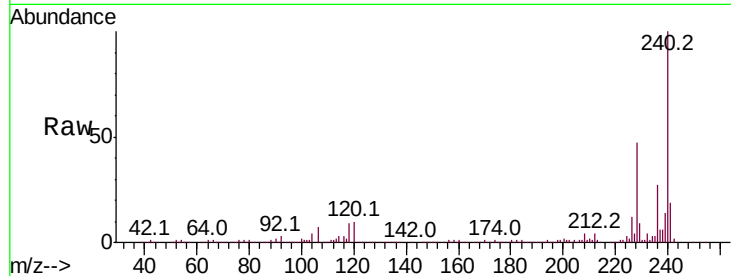
ClientSampleId :

PB112391BSD

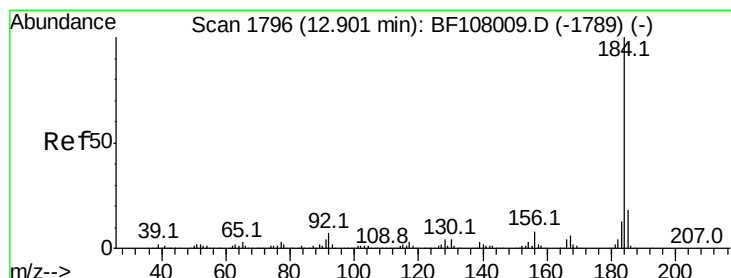
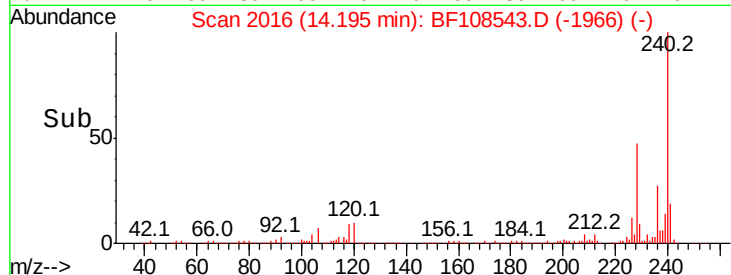
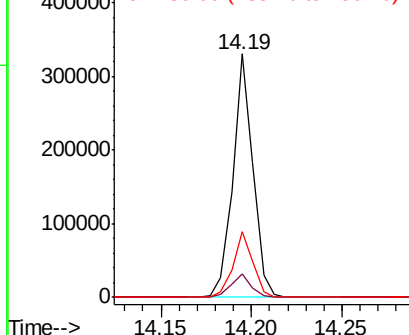
Tot Ion:	240	Resp:	254758
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.102 ng

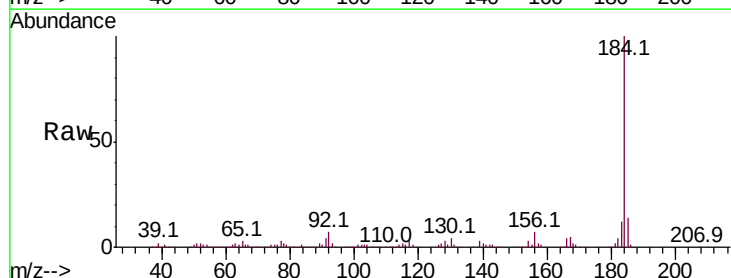
RT: 12.88 min Scan# 1792

Delta R.T. -0.01 min

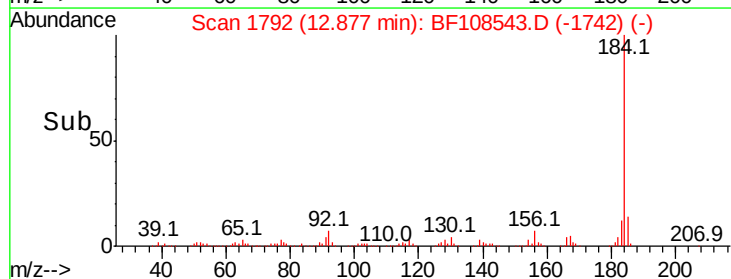
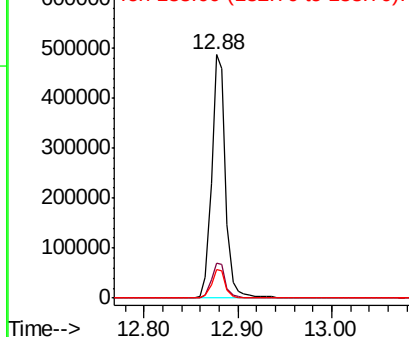
Lab File: BF108543.D

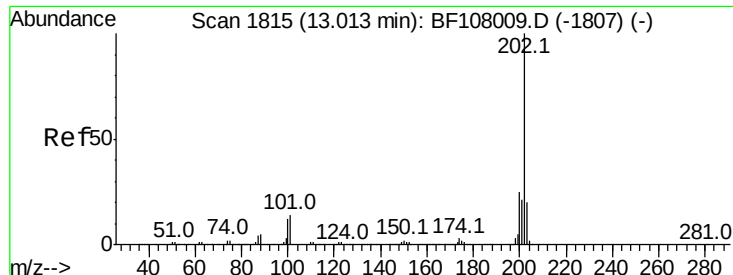
Acq: 28 Aug 2018 6:51

Tgt Ion:	184	Resp:	514959
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.9	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.251 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

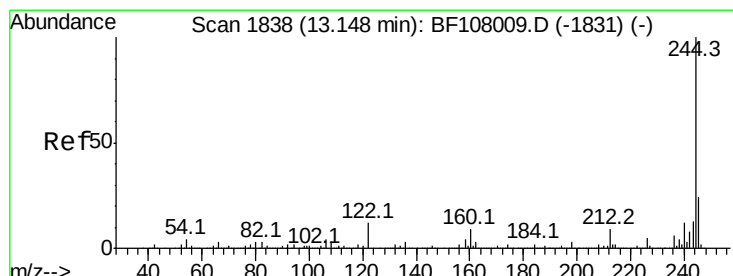
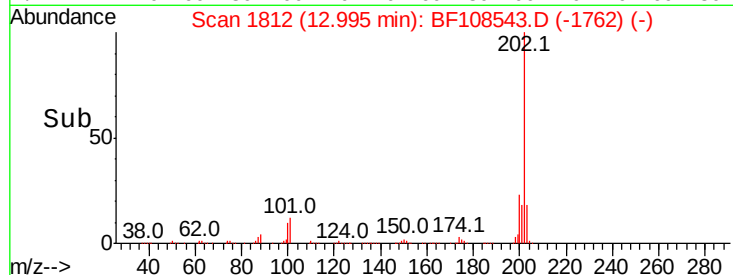
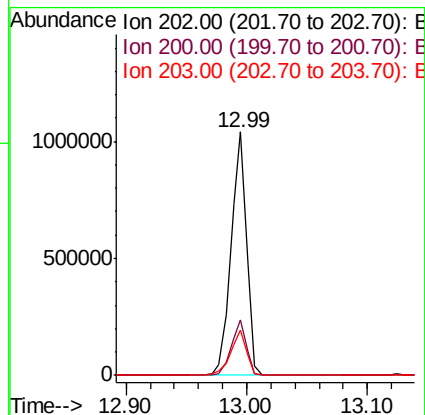
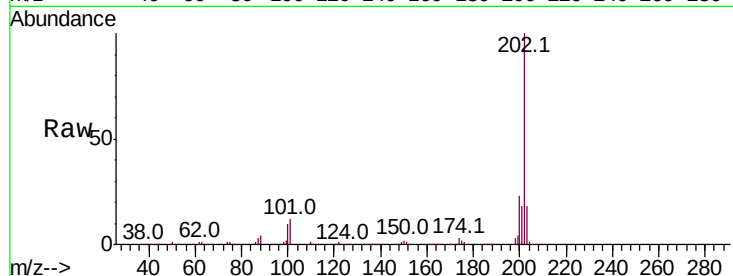
ClientSampleId :

PB112391BSD

Tot Ion:	202	Resp:	923387
Ion Ratio		Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.3	14.3	21.5

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM



#78

Terphenyl-d14

Concen: 120.332 ng

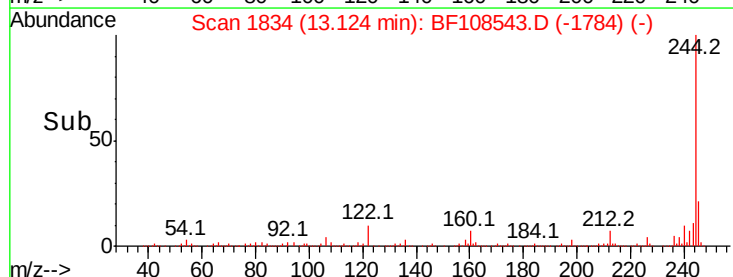
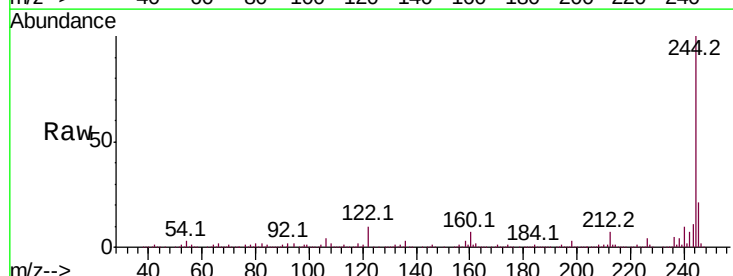
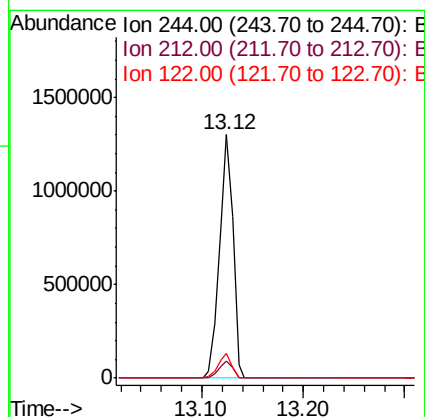
RT: 13.12 min Scan# 1834

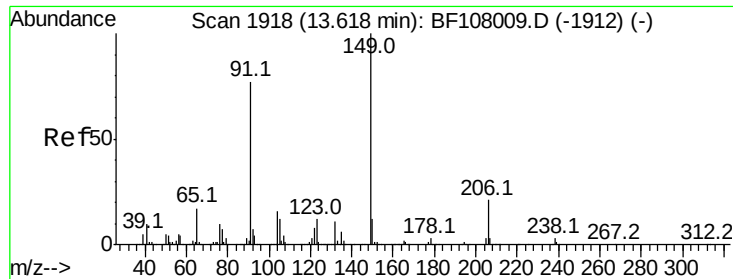
Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Tgt Ion:	244	Resp:	1205688
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.1	11.0	16.4#





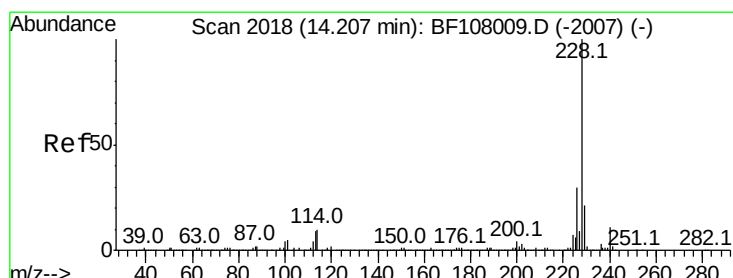
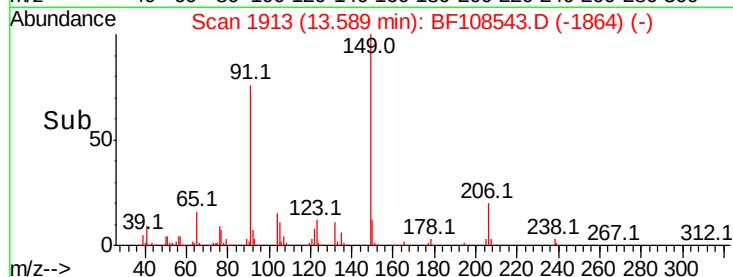
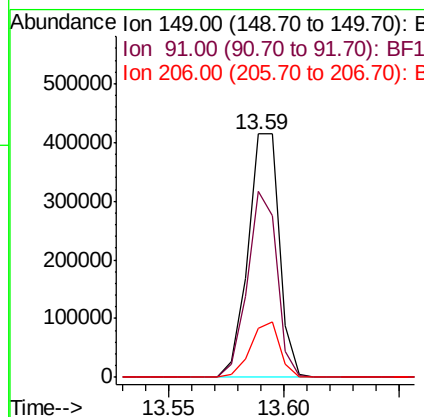
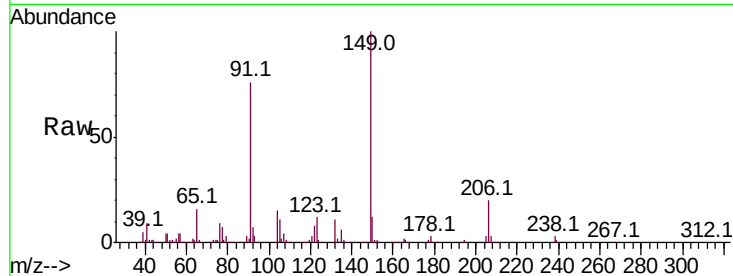
#79
Butylbenzylphthalate
Concen: 61.607 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	394563		
91	76.2	56.8	85.2	
206	20.2	14.1	21.1	

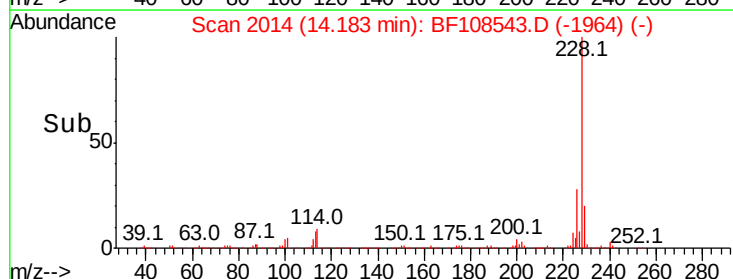
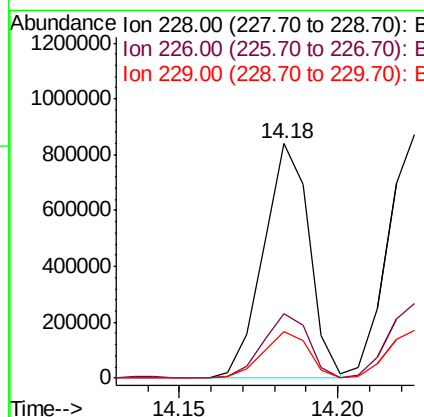
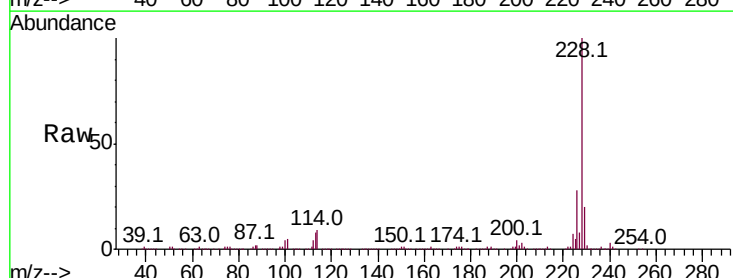
Manual Integrations
APPROVED

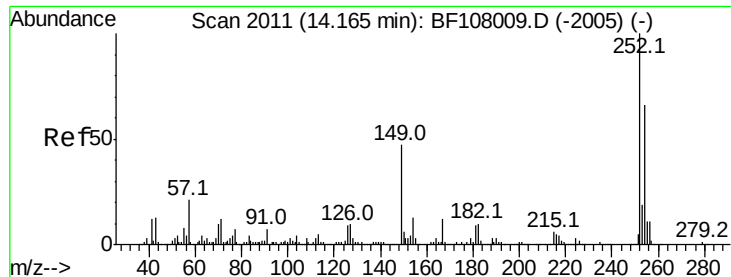
Sohil
8/28/2018 12:16:50 PM



#80
Benzo(a)anthracene
Concen: 57.572 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	841734		
226	27.8	22.6	33.8	
229	20.0	15.8	23.6	





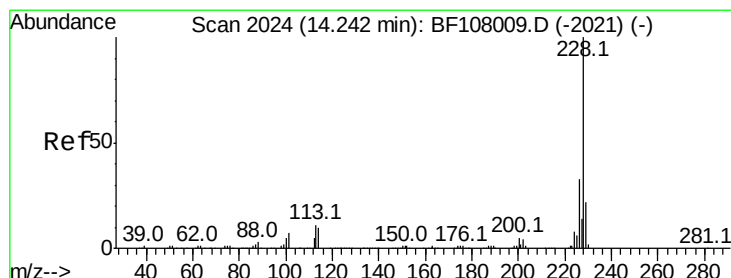
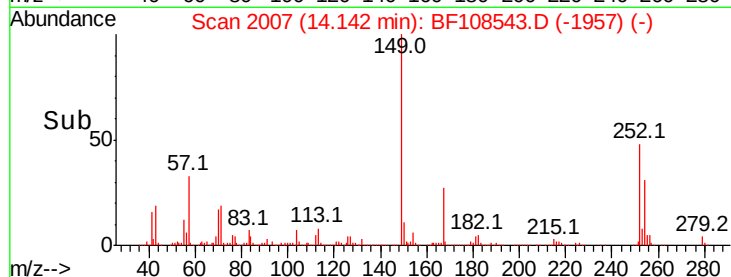
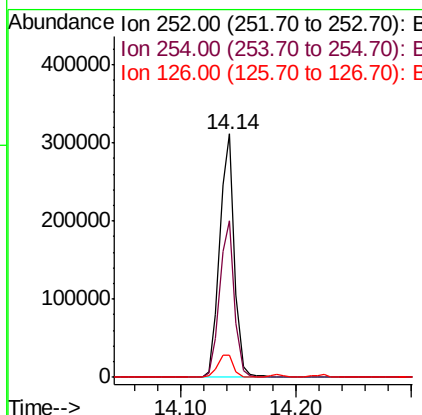
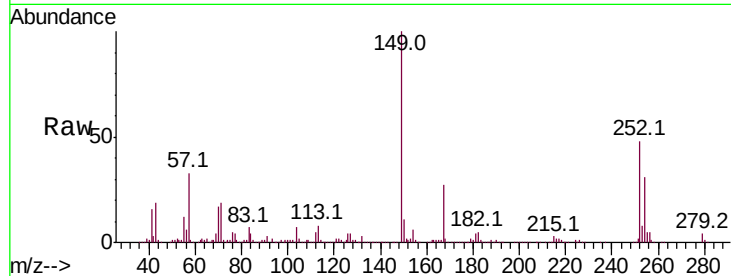
#81
 3,3'-Dichlorobenzidine
 Concen: 52.506 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	50.4	75.6
126	8.9	11.3	16.9

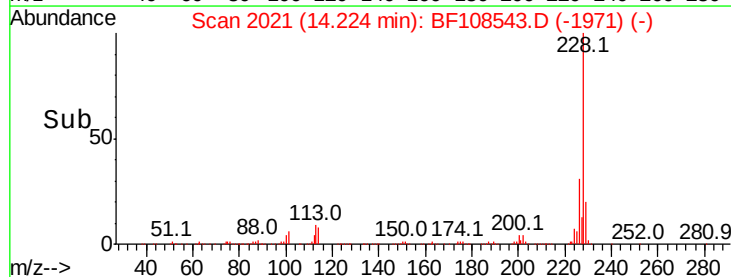
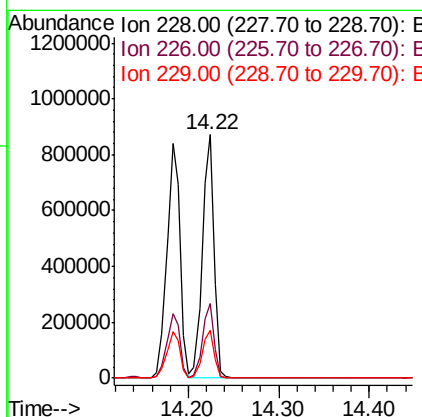
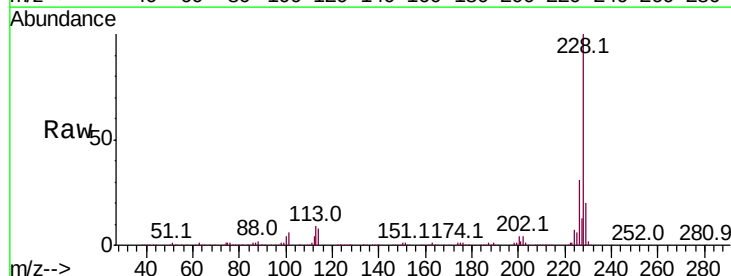
Manual Integrations
 APPROVED

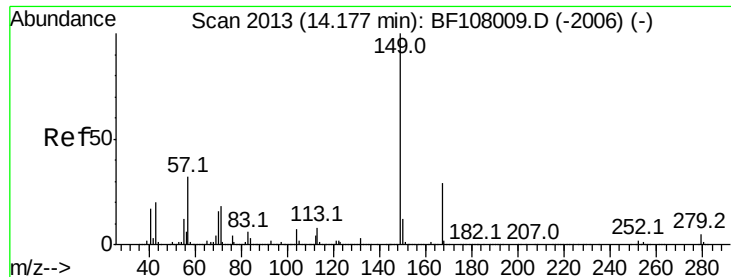
Sohil
 8/28/2018 12:16:50 PM



#82
 Chrysene
 Concen: 58.754 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.9	16.2	24.4





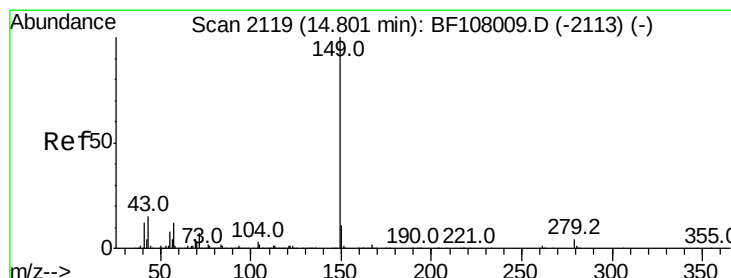
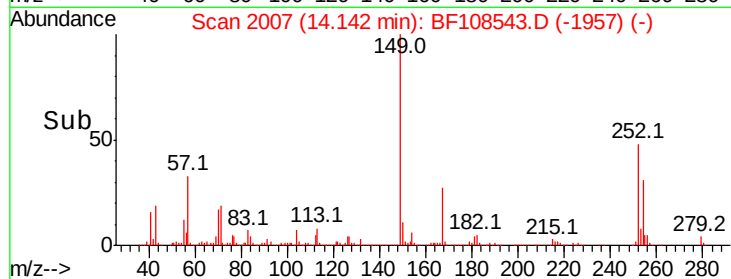
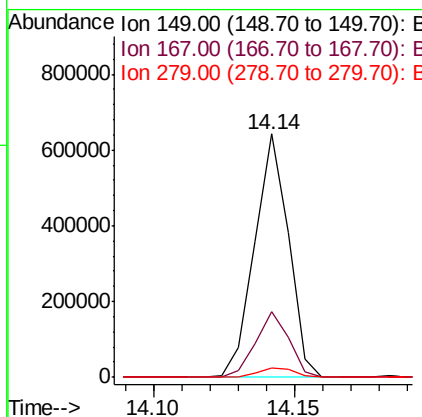
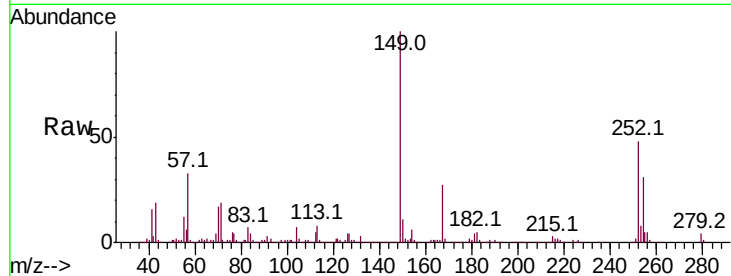
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.890 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.3	31.9	
279	4.1	3.0	4.4	

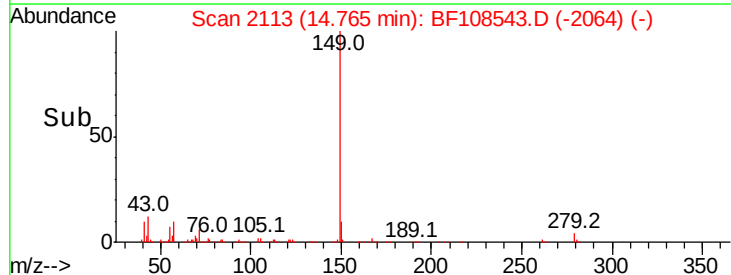
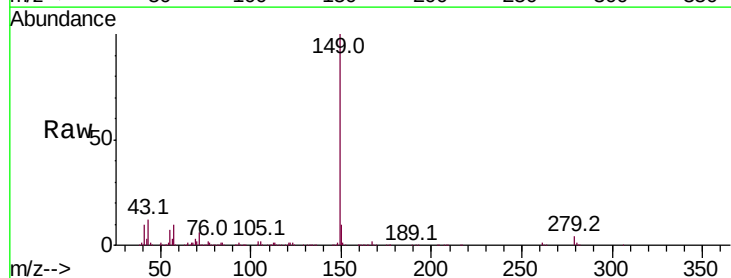
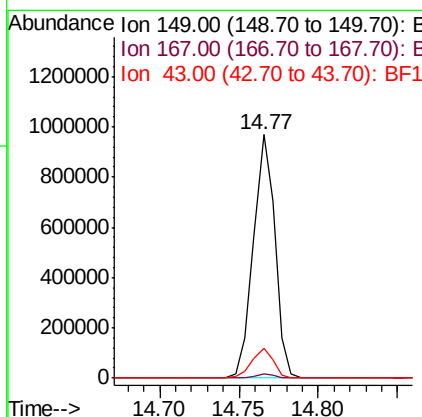
Manual Integrations
 APPROVED

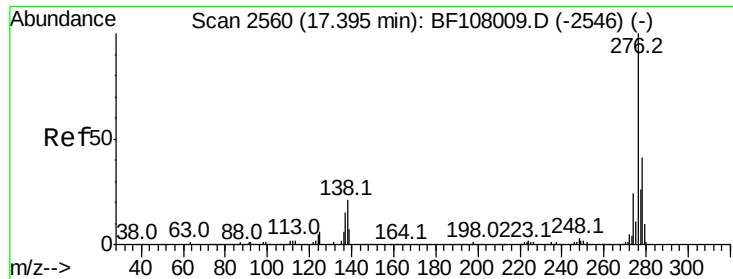
Sohil
 8/28/2018 12:16:50 PM



#84
 Di-n-octyl phthalate
 Concen: 69.511 ng
 RT: 14.77 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BF108543.D
 Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	11.9	8.4	12.6	





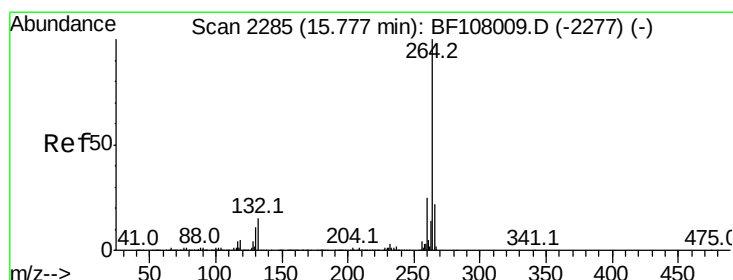
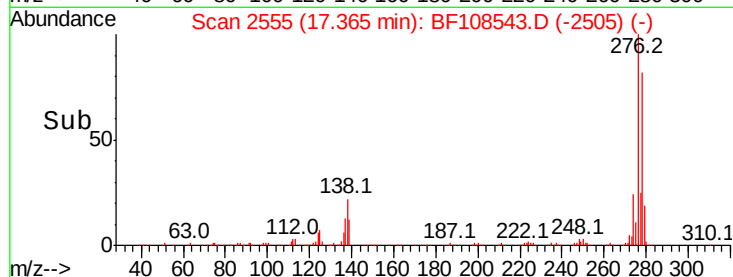
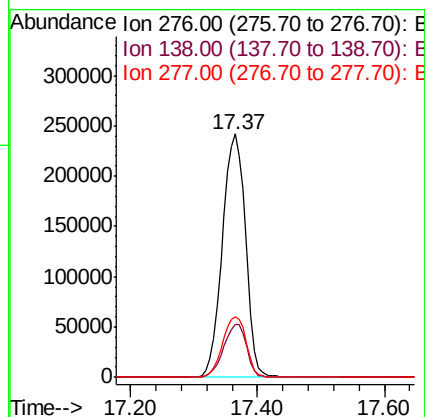
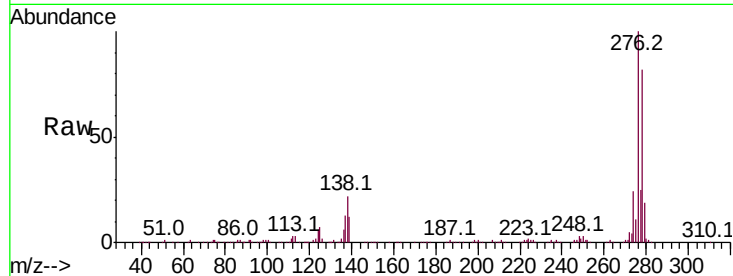
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.936 ng
RT: 17.37 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.3	20.1	30.1

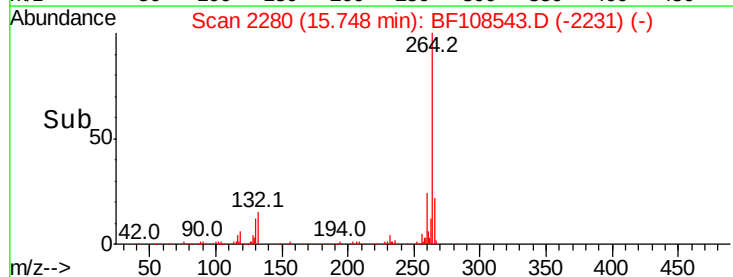
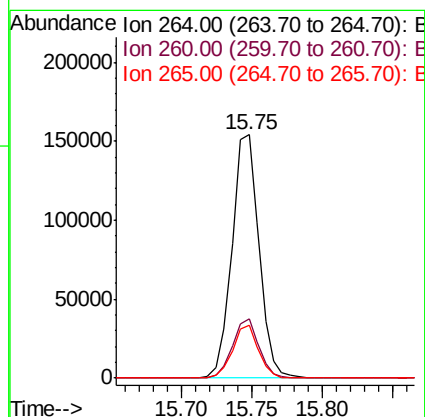
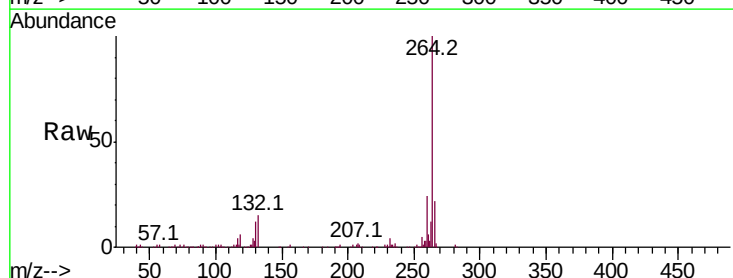
Manual Integrations
APPROVED

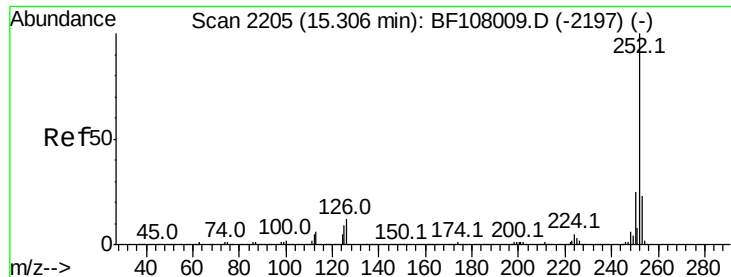
Sohil
8/28/2018 12:16:50 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.5	26.3





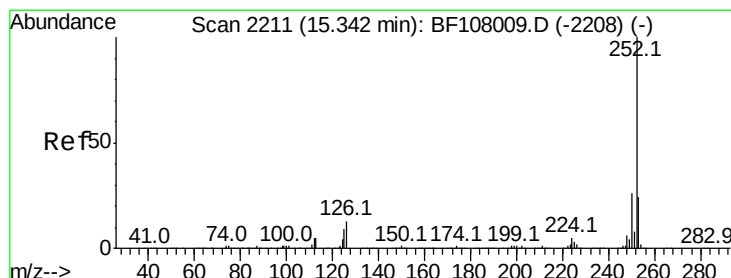
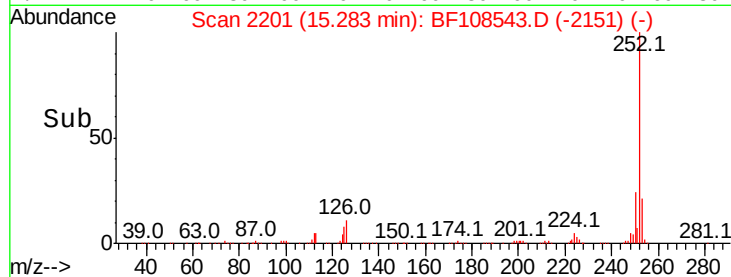
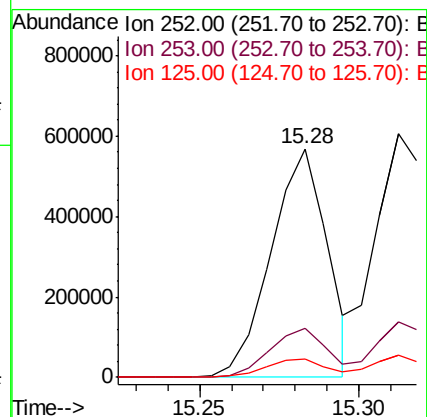
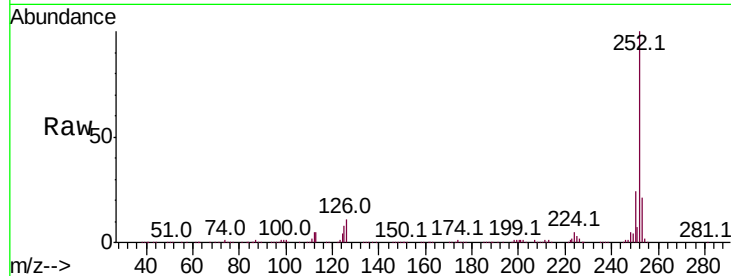
#87
Benzo(b)fluoranthene
Concen: 56.757 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	8.1	9.0	13.6

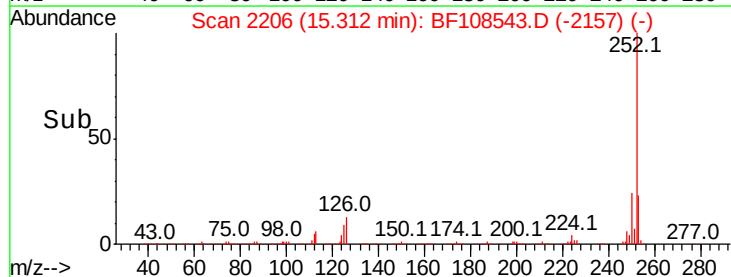
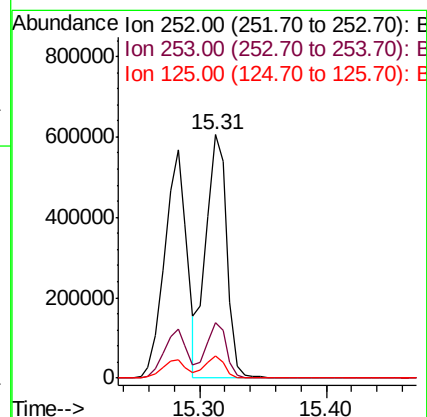
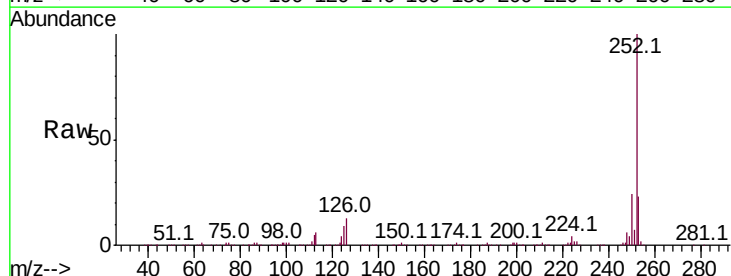
Manual Integrations
APPROVED

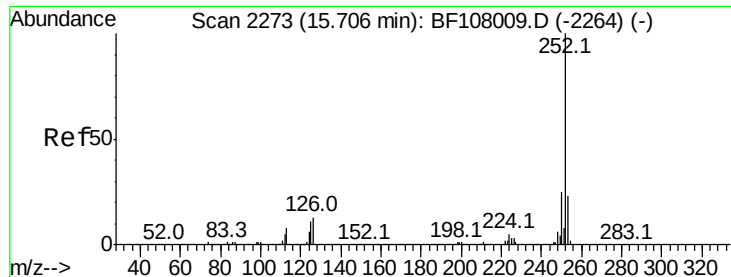
Sohil
8/28/2018 12:16:50 PM



#88
Benzo(k)fluoranthene
Concen: 61.495 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	9.2	10.2	15.2





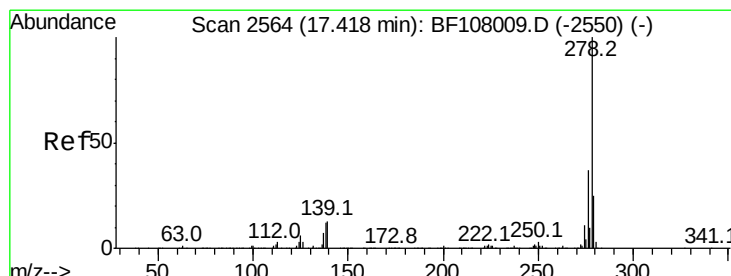
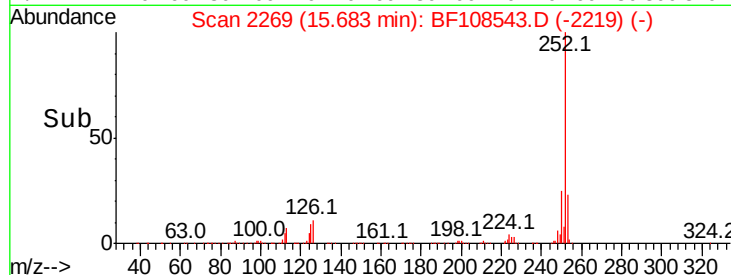
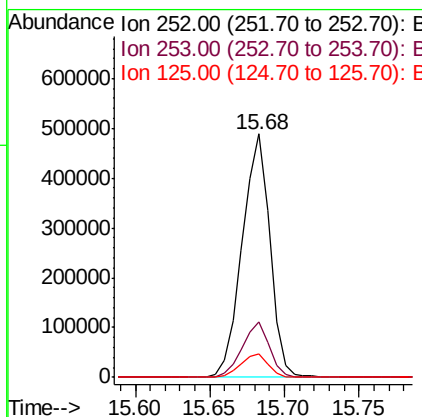
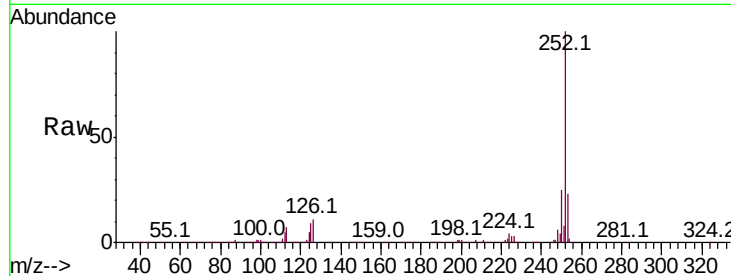
#89
Benzo(a)pyrene
Concen: 57.360 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Instrument :
BNA_F
ClientSampleId :
PB112391BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.1	25.7
125	9.4	9.8	14.6

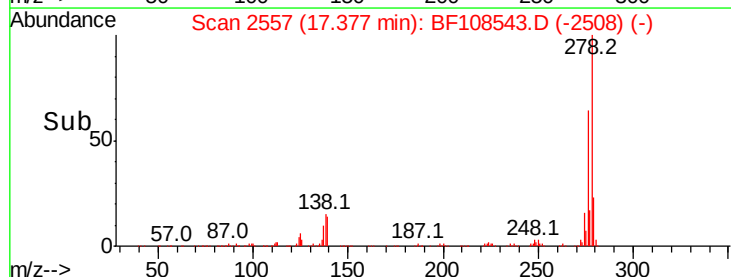
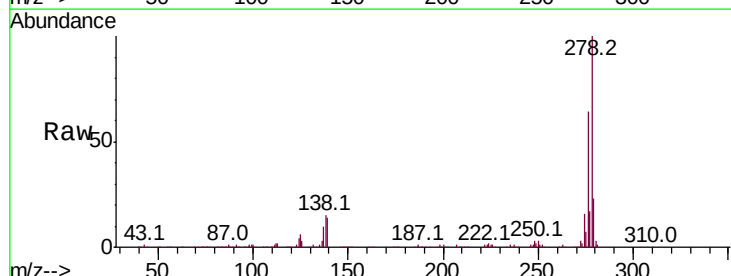
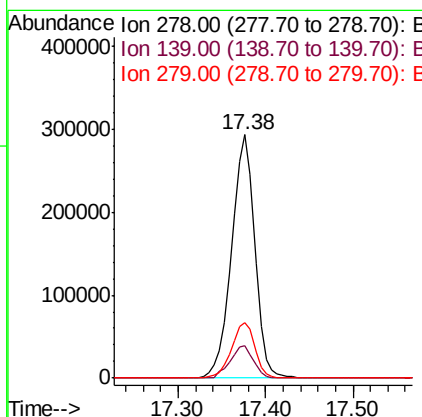
Manual Integrations
APPROVED

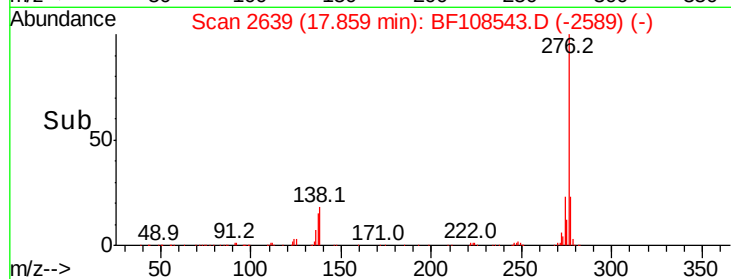
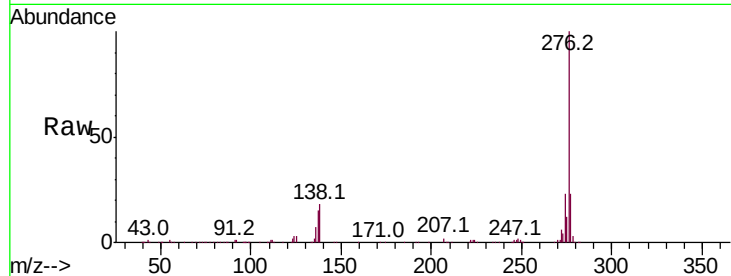
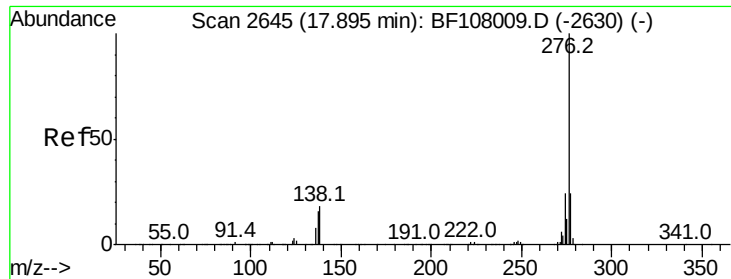
Sohil
8/28/2018 12:16:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 58.231 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108543.D
Acq: 28 Aug 2018 6:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	13.5	15.9	23.9
279	23.0	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 55.577 ng

RT: 17.86 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BF108543.D

Acq: 28 Aug 2018 6:51

Instrument :

BNA_F

ClientSampleId :

PB112391BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	22.5	17.9	26.9	
138	17.7	21.8	32.8	

Manual Integrations
APPROVED

Sohil
8/28/2018 12:16:50 PM

