

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108280.D
 Acq On : 20 Aug 2018 10:51
 Operator : JU/SJ
 Sample : PB112114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:39 PM

Quant Time: Aug 20 11:34:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	163645	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	677830	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	339621	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	680254	20.00	ng	0.00
75) Chrysene-d12	14.22	240	512778	20.00	ng	0.00
86) Perylene-d12	15.78	264	367667	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	1235054	136.64	ng	0.03
7) Phenol-d6	6.65	99	1640068	136.54	ng	0.02
23) Nitrobenzene-d5	7.58	82	1083360	89.19	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	495877	146.38	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2023392	95.65	ng	0.00
78) Terphenyl-d14	13.15	244	2282320	113.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.03	88	185899	40.026	ng	93
3) Pyridine	3.77	79	494979	41.372	ng	88
4) n-Nitrosodimethylamine	3.74	42	282106	41.904	ng	85
6) Aniline	6.68	93	630422	38.586	ng	97
8) 2-Chlorophenol	6.81	128	514079	50.498	ng	98
9) Benzaldehyde	6.57	77	228590	24.546	ng	98
10) Phenol	6.66	94	643810	51.818	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	487956	48.579	ng	91
12) 1,3-Dichlorobenzene	6.96	146	574220	48.782	ng	99
13) 1,4-Dichlorobenzene	7.04	146	574540	48.580	ng	98
14) 1,2-Dichlorobenzene	7.19	146	533108	48.461	ng	97
15) Benzyl Alcohol	7.15	79	467049	46.189	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	908163	43.888	ng	99
17) 2-Methylphenol	7.27	107	444293	50.892	ng	# 95
18) Hexachloroethane	7.53	117	210278	49.942	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	384454	47.332	ng	91
20) 3+4-Methylphenols	7.41	107	538040	48.093	ng	# 87
22) Acetophenone	7.42	105	727686	45.912	ng	# 93
24) Nitrobenzene	7.60	77	567044	46.163	ng	96
25) Isophorone	7.84	82	1055641	45.594	ng	96
26) 2-Nitrophenol	7.91	139	255536	55.087	ng	89
27) 2,4-Dimethylphenol	7.94	122	487214	47.413	ng	96
28) bis(2-Chloroethoxy)methane	8.04	93	635922	47.049	ng	99
29) 2,4-Dichlorophenol	8.15	162	460198	48.664	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	494268	47.406	ng	98
31) Naphthalene	8.32	128	1484160	48.146	ng	99
32) Benzoic acid	8.07	122	217290	37.878	ng	95
33) 4-Chloroaniline	8.37	127	415403	30.922	ng	98
34) Hexachlorobutadiene	8.43	225	314092	47.587	ng	99
35) Caprolactam	8.75	113	131741m	44.455	ng	
36) 4-Chloro-3-methylphenol	8.85	107	475007	46.562	ng	99
37) 2-Methylnaphthalene	9.02	142	1034703	47.442	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	513534	49.239	ng	98
40) Hexachlorocyclopentadiene	9.17	237	563991	83.722	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108280.D
 Acq On : 20 Aug 2018 10:51
 Operator : JU/SJ
 Sample : PB112114BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

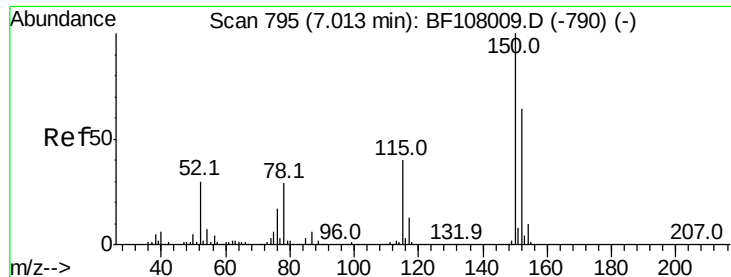
Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:39 PM

Quant Time: Aug 20 11:34:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	338368	52.282	ng	99
43) 2,4,5-Trichlorophenol	9.34	196	366280	51.411	ng	96
45) 1,1'-Biphenyl	9.48	154	1234902	49.317	ng	98
46) 2-Chloronaphthalene	9.51	162	965359	48.778	ng	96
47) 2-Nitroaniline	9.61	65	319028	49.820	ng	93
48) Acenaphthylene	9.93	152	1532915	48.994	ng	99
49) Dimethylphthalate	9.78	163	1123045	47.471	ng	98
50) 2,6-Dinitrotoluene	9.85	165	250416	50.593	ng	96
51) Acenaphthene	10.10	154	900589	46.995	ng	99
52) 3-Nitroaniline	10.02	138	200289	36.985	ng	97
53) 2,4-Dinitrophenol	10.13	184	180507	95.916	ng #	20
54) Dibenzofuran	10.27	168	1330065	47.906	ng	96
55) 4-Nitrophenol	10.18	139	377067	91.948	ng	94
56) 2,4-Dinitrotoluene	10.25	165	335257	52.622	ng #	97
57) Fluorene	10.62	166	1066299	48.516	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	300948	50.539	ng #	85
59) Diethylphthalate	10.48	149	1080666	47.174	ng	96
60) 4-Chlorophenyl-phenylether	10.60	204	546392	47.710	ng	95
61) 4-Nitroaniline	10.64	138	265067	49.507	ng	95
62) Azobenzene	10.77	77	1103049	46.625	ng	94
64) 4,6-Dinitro-2-methylphenol	10.67	198	124257	48.581	ng	89
65) n-Nitrosodiphenylamine	10.72	169	958520	47.683	ng	97
66) 4-Bromophenyl-phenylether	11.10	248	359959	48.692	ng #	81
67) Hexachlorobenzene	11.17	284	372868	47.938	ng #	90
68) Atrazine	11.25	200	328707	48.752	ng	96
69) Pentachlorophenol	11.37	266	359125	96.463	ng	96
70) Phenanthrene	11.59	178	1540905	48.025	ng	99
71) Anthracene	11.64	178	1574920	47.892	ng	98
72) Carbazole	11.80	167	1390887	47.605	ng	99
73) Di-n-butylphthalate	12.11	149	1634343	49.385	ng	99
74) Fluoranthene	12.78	202	1656404	47.303	ng	96
76) Benzidine	12.90	184	793682	41.427	ng	98
77) Pyrene	13.02	202	1650231	50.832	ng	97
79) Butylbenzylphthalate	13.62	149	703655	54.585	ng #	97
80) Benzo(a)anthracene	14.21	228	1436452	48.812	ng	98
81) 3,3'-Dichlorobenzidine	14.17	252	351350	33.315	ng #	96
82) Chrysene	14.25	228	1308406	48.496	ng	98
83) Bis(2-ethylhexyl)phthalate	14.17	149	883030	50.584	ng	100
84) Di-n-octyl phthalate	14.79	149	1374879	51.642	ng	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	992424	42.454	ng #	90
87) Benzo(b)fluoranthene	15.31	252	1145506	52.140	ng #	96
88) Benzo(k)fluoranthene	15.35	252	1006757	49.851	ng #	96
89) Benzo(a)pyrene	15.72	252	982612	49.947	ng	96
90) Dibenzo(a,h)anthracene	17.43	278	829406	50.954	ng #	94
91) Benzo(g,h,i)perylene	17.91	276	841796	52.519	ng #	90

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



#1

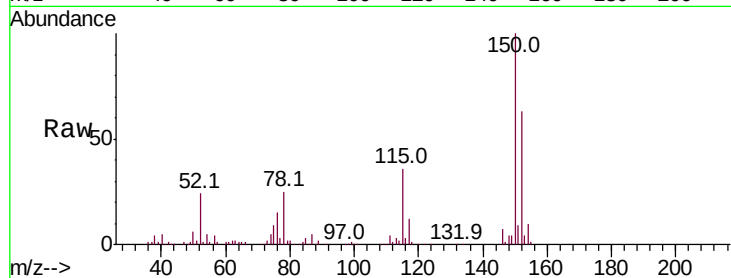
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	57.5	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM

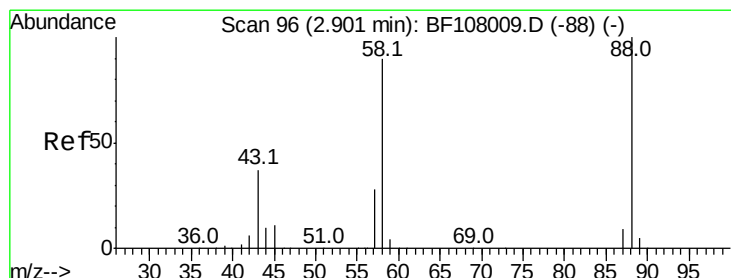
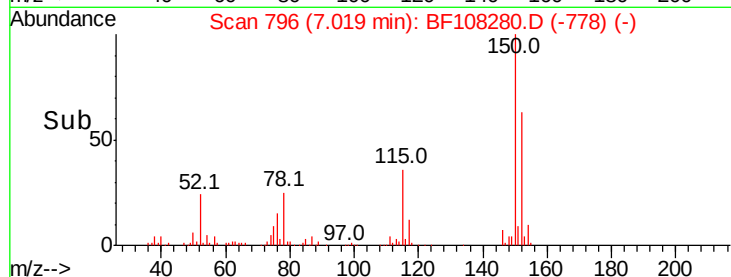
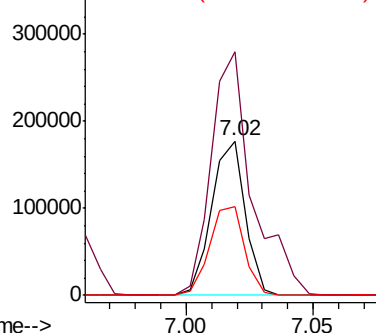


Abundance

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: 40.026 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

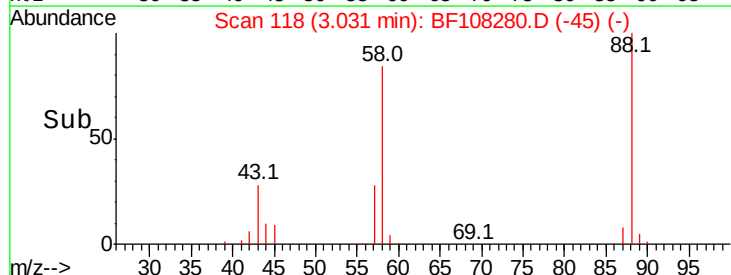
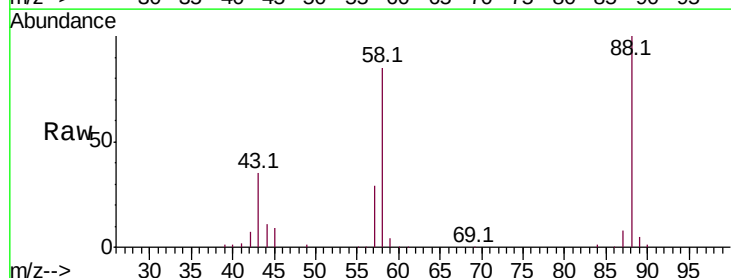
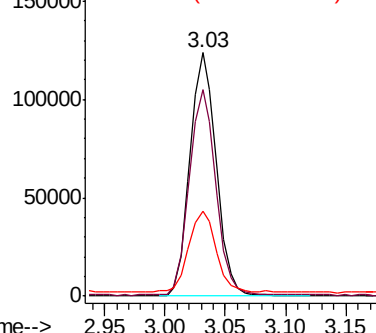
Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.5	62.6	93.8
43	35.0	24.6	37.0

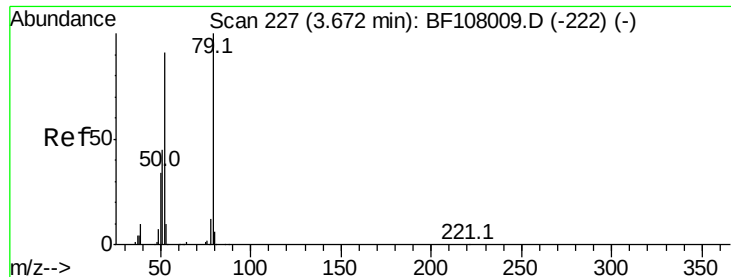
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.372 ng

RT: 3.77 min Scan# 244

Delta R.T. 0.10 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

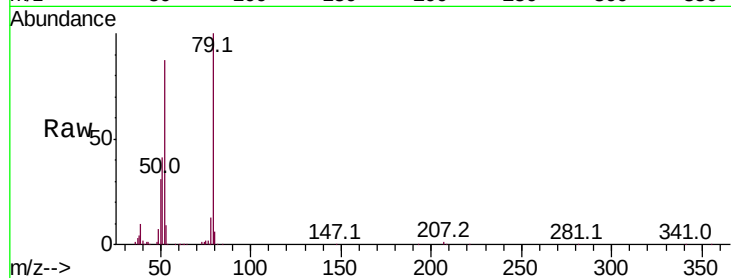
ClientSampleId :

PB112114BS

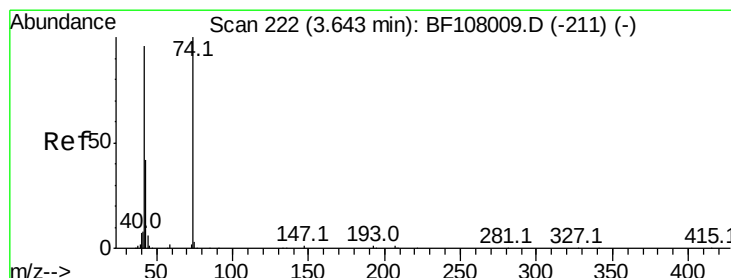
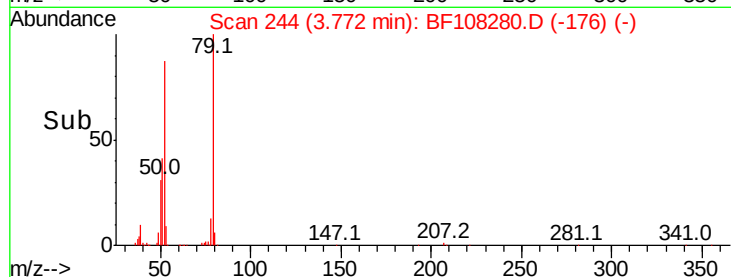
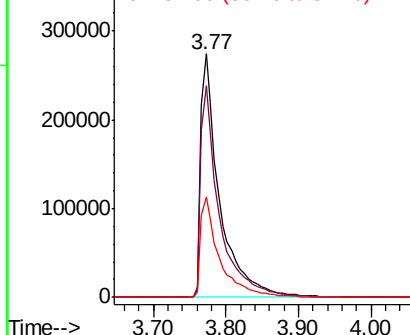
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	86.7	59.8	89.6		
51	41.3	29.8	44.8		

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.904 ng

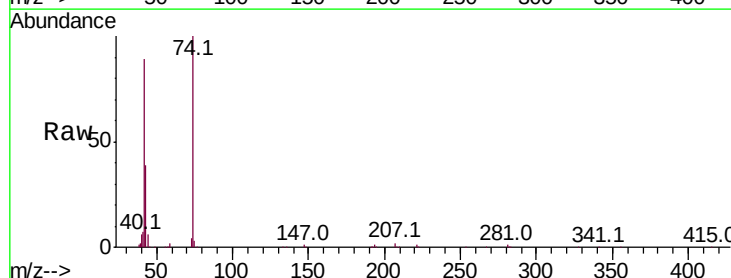
RT: 3.74 min Scan# 238

Delta R.T. 0.09 min

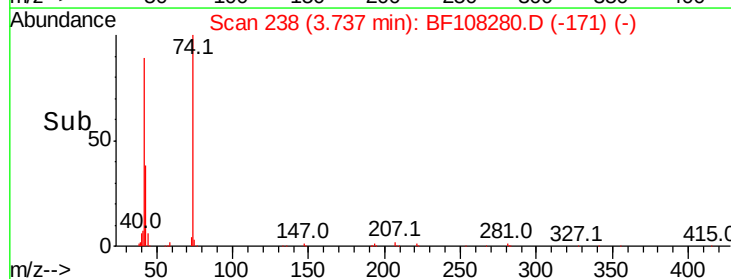
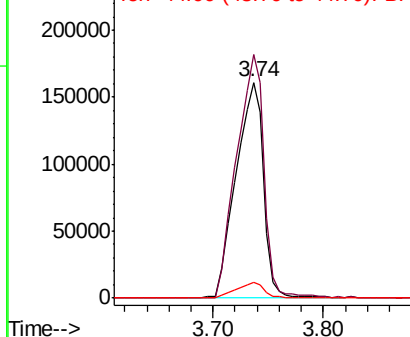
Lab File: BF108280.D

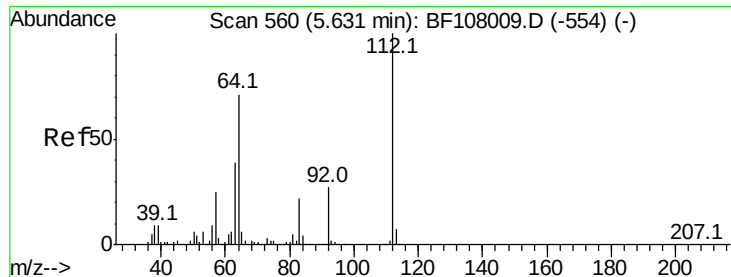
Acq: 20 Aug 2018 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	112.7	104.9	157.3		
44	7.1	6.9	10.3		



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 136.638 ng

RT: 5.66 min Scan# 565

Delta R.T. 0.03 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:112 Resp: 1235054

Ion Ratio Lower Upper

112 100

64 66.7 47.9 71.9

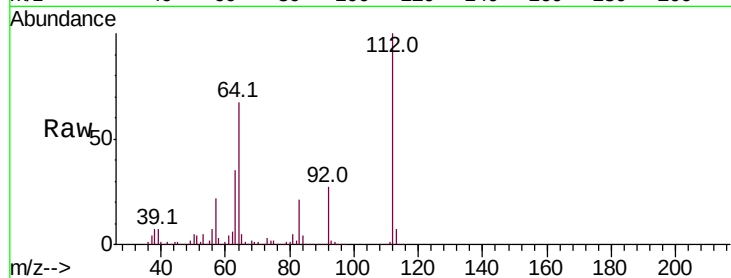
63 35.4 23.7 35.5

Manual Integrations

APPROVED

Sohil

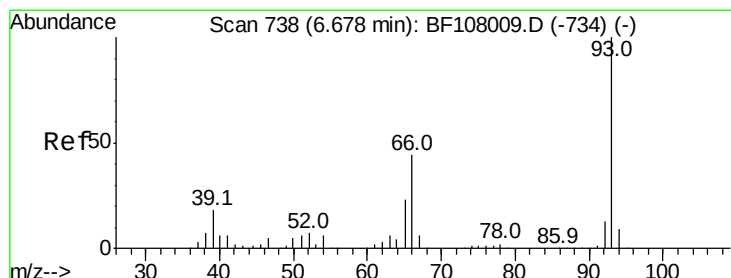
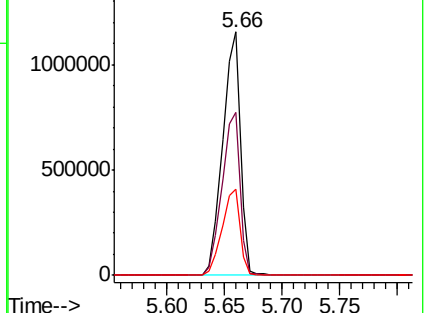
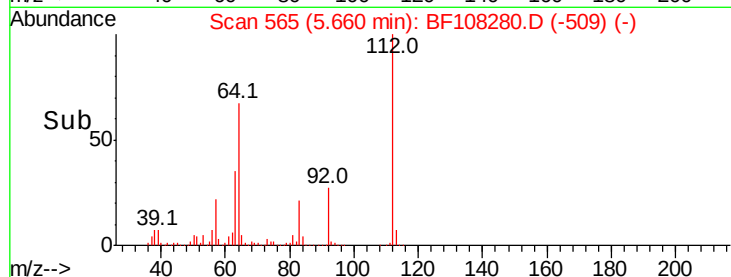
8/21/2018 1:42:39 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.586 ng

RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

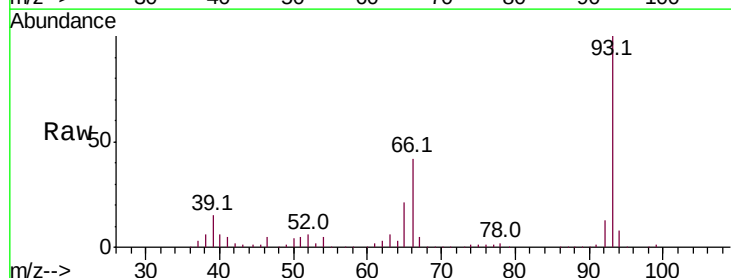
Tgt Ion: 93 Resp: 630422

Ion Ratio Lower Upper

93 100

66 42.3 32.2 48.2

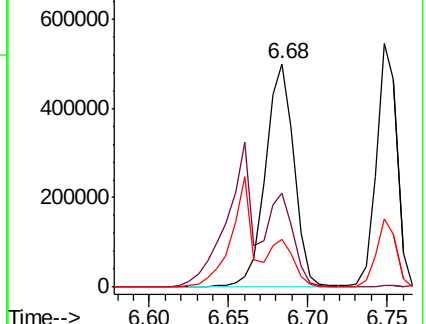
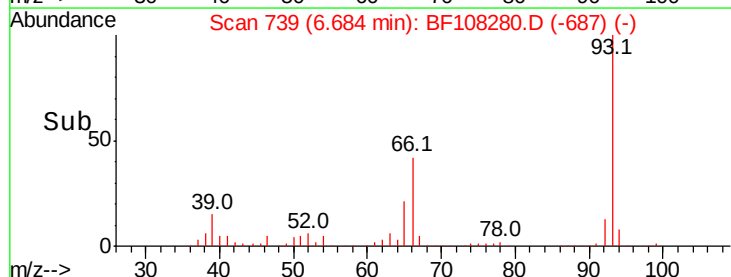
65 21.5 16.4 24.6

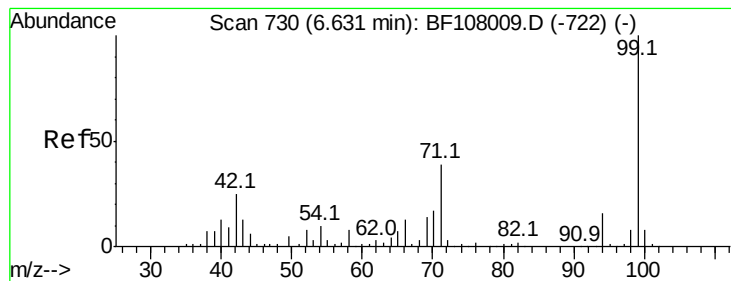


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.542 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion: 99 Resp: 1640068

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

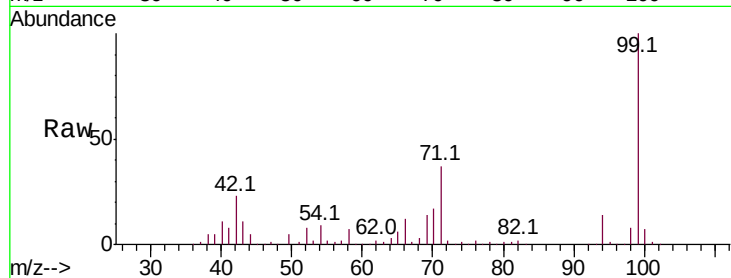
71 37.5 25.4 38.0

Manual Integrations

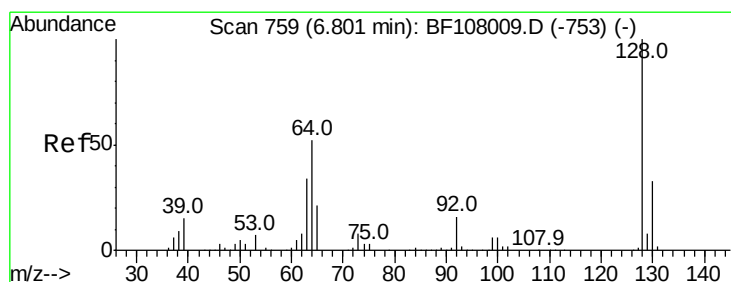
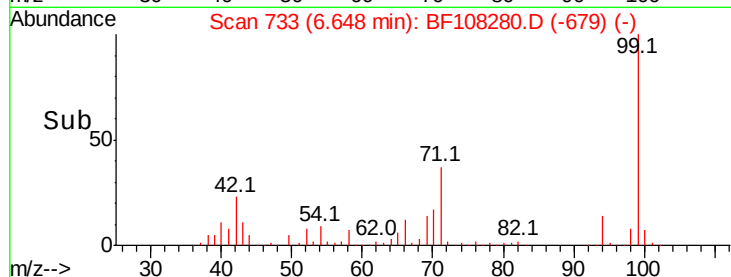
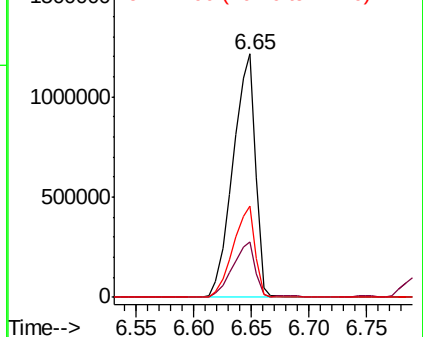
APPROVED

Sohil

8/21/2018 1:42:39 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: 50.498 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

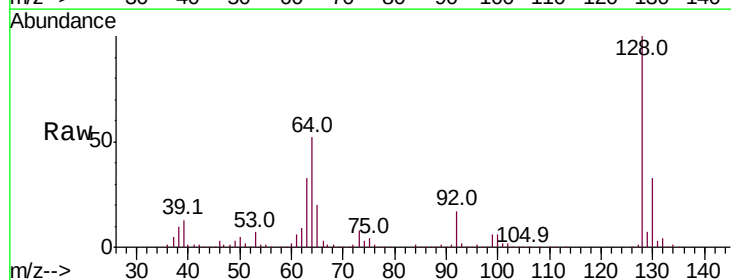
Tgt Ion:128 Resp: 514079

Ion Ratio Lower Upper

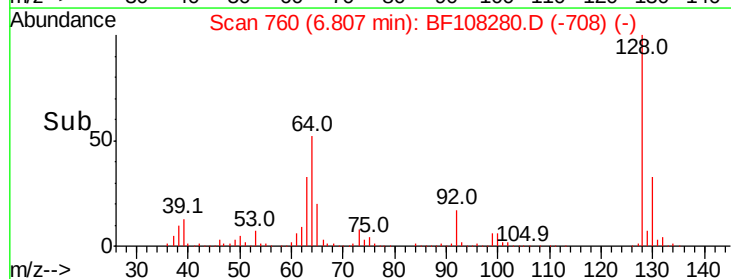
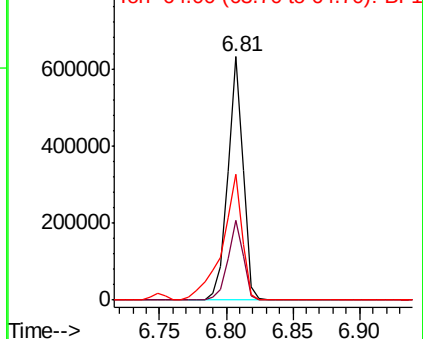
128 100

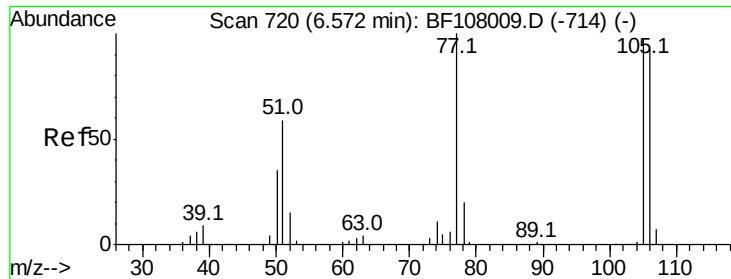
130 32.8 13.0 53.0

64 51.9 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.546 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

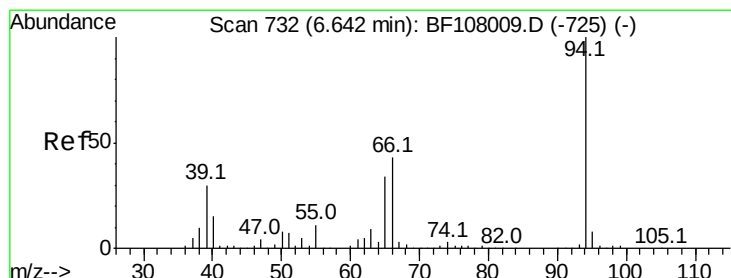
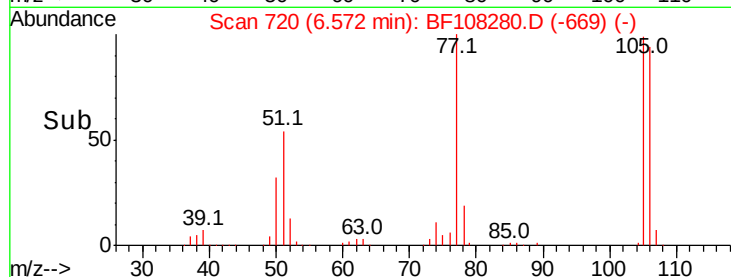
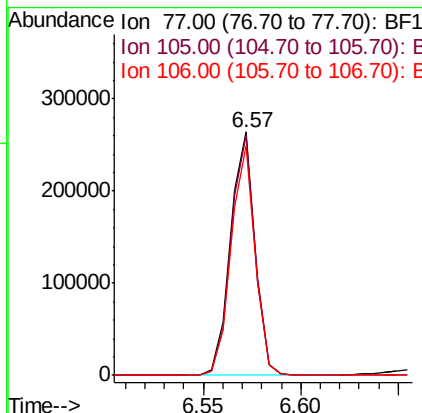
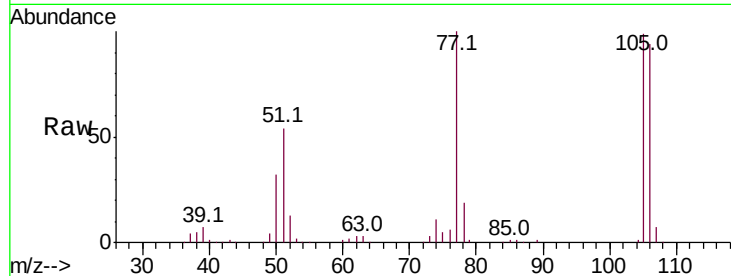
ClientSampleId :

PB112114BS

Tot Ion:	77	Resp:	228590
Ion Ratio	Lower	Upper	
77	100		
105	98.5	81.1	121.1
106	94.1	74.5	114.5

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



#10

Phenol

Concen: 51.818 ng

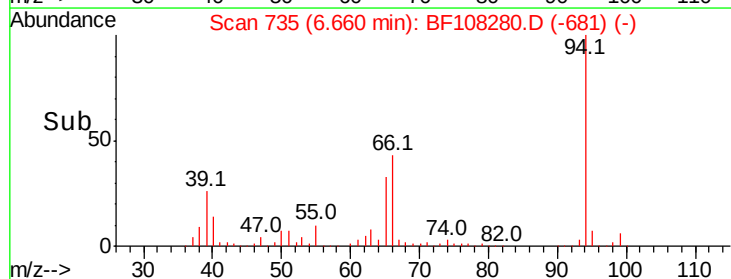
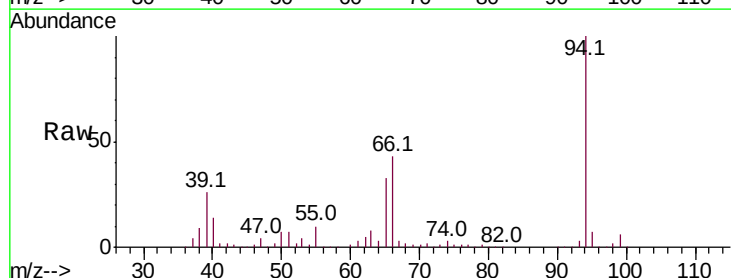
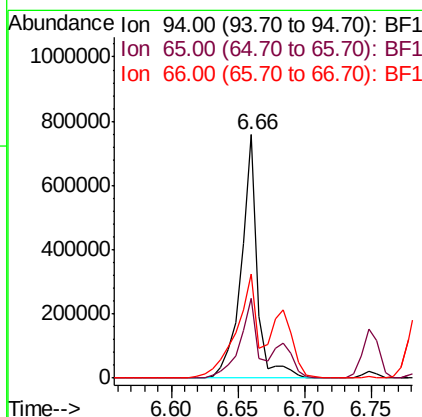
RT: 6.66 min Scan# 735

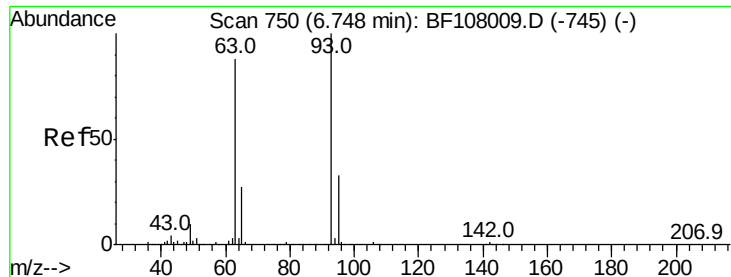
Delta R.T. 0.02 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:	94	Resp:	643810
Ion Ratio	Lower	Upper	
94	100		
65	32.6	7.9	47.9
66	42.7	16.2	56.2





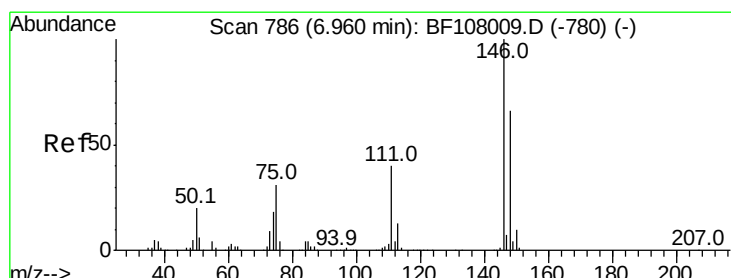
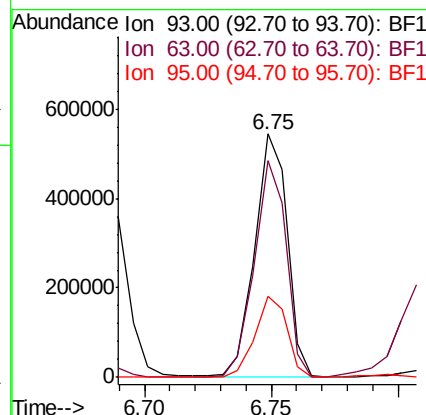
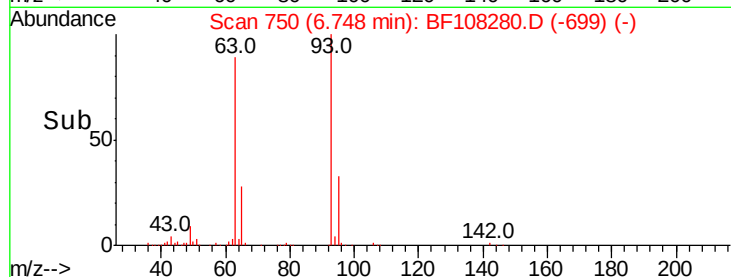
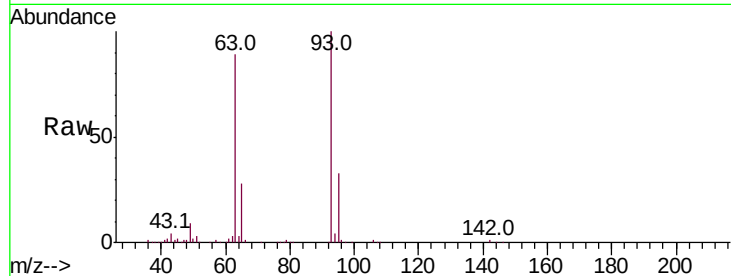
#11
bis(2-Chloroethyl)ether
Concen: 48.579 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.2	58.6	98.6
95	33.0	11.8	51.8

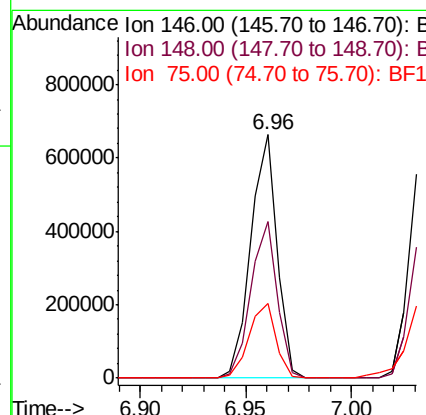
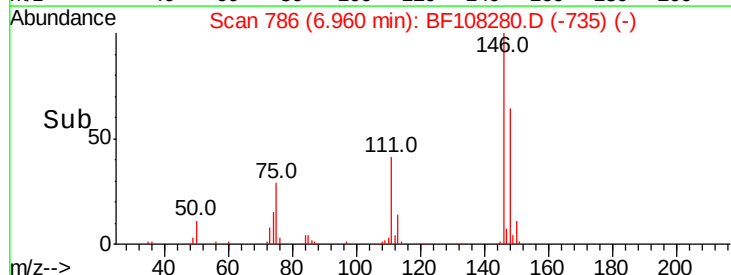
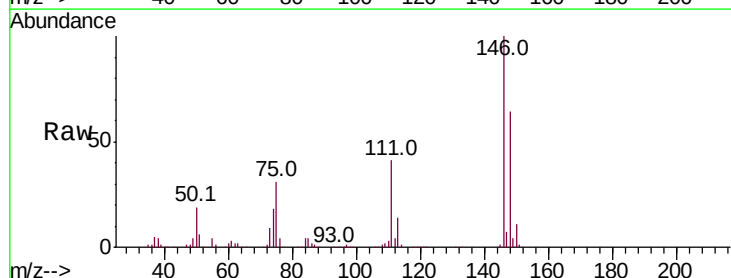
Manual Integrations
APPROVED

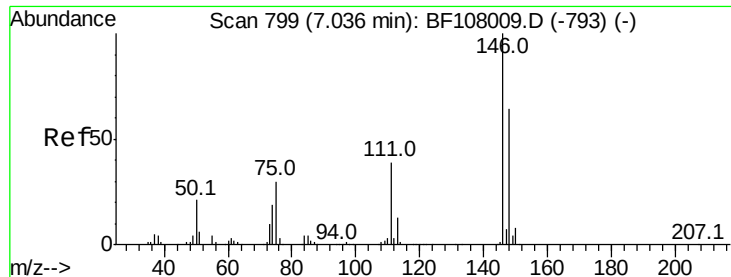
Sohil
8/21/2018 1:42:39 PM



#12
1,3-Dichlorobenzene
Concen: 48.782 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	30.8	24.2	36.4





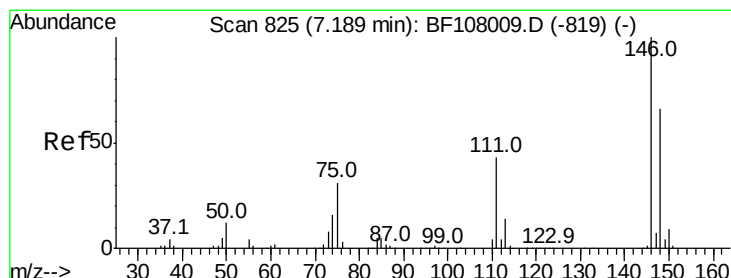
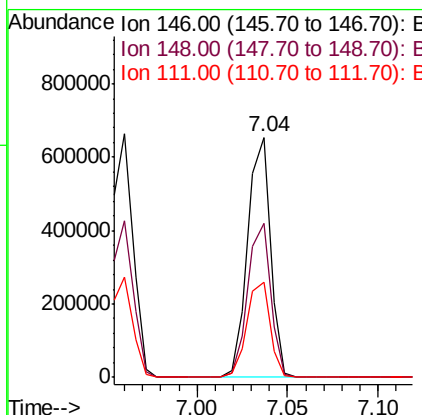
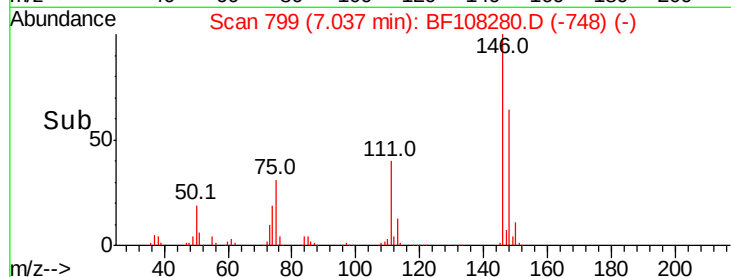
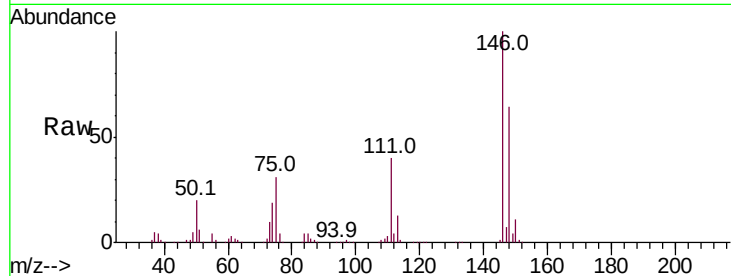
#13
1,4-Dichlorobenzene
Concen: 48.580 ng
RT: 7.04 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	39.7	34.2	51.2

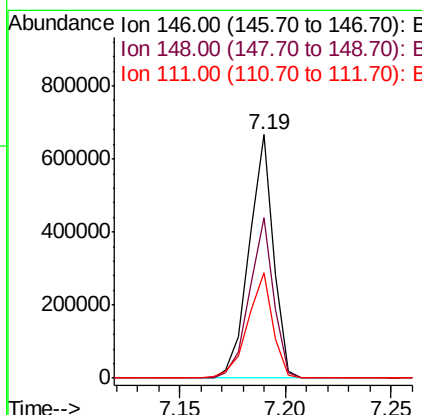
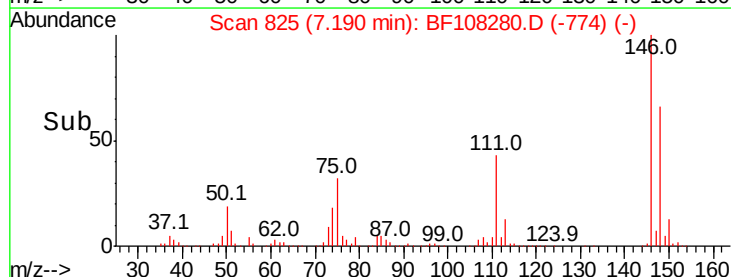
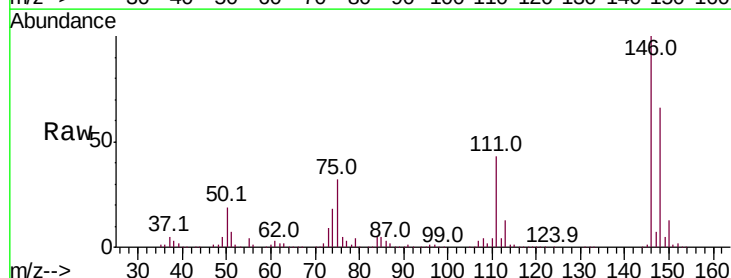
Manual Integrations
APPROVED

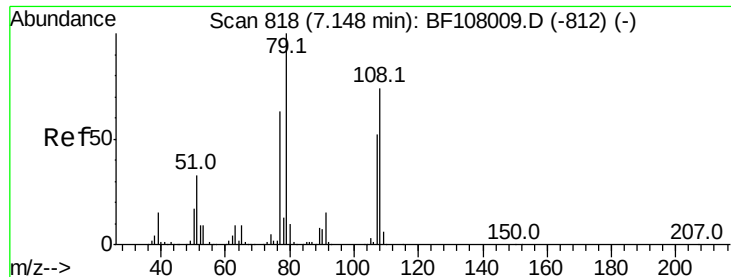
Sohil
8/21/2018 1:42:39 PM



#14
1,2-Dichlorobenzene
Concen: 48.461 ng
RT: 7.19 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	75.8
111	43.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.189 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

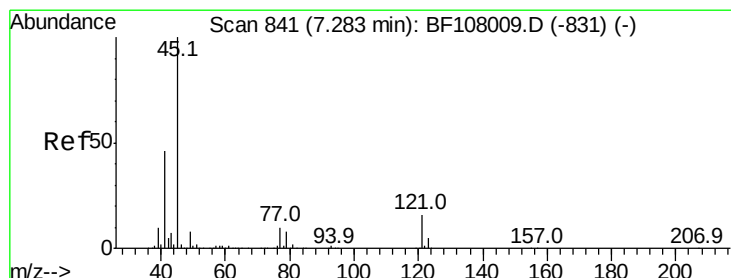
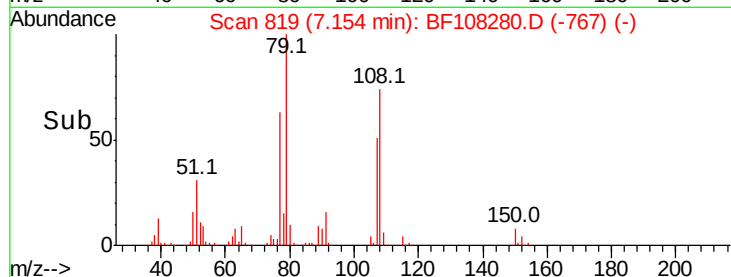
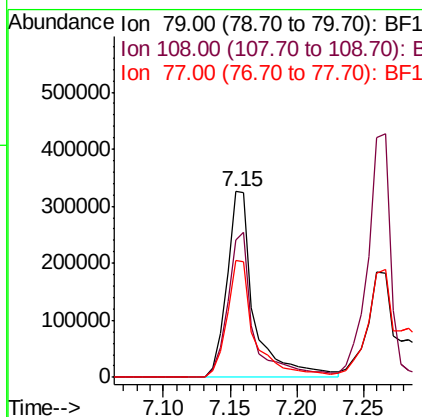
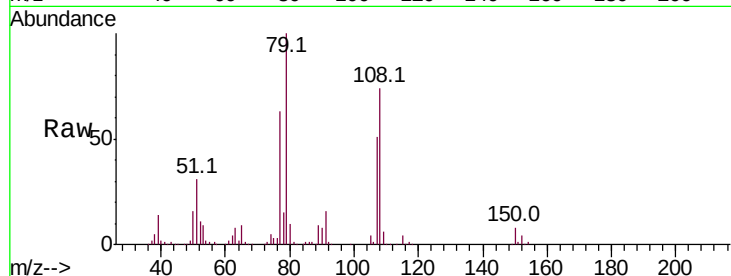
ClientSampled :

PB112114BS

Tot Ion:	79	Resp:	467049
Ion Ratio	Lower	Upper	
79	100		
108	74.1	65.1	97.7
77	62.8	50.6	75.8

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.888 ng

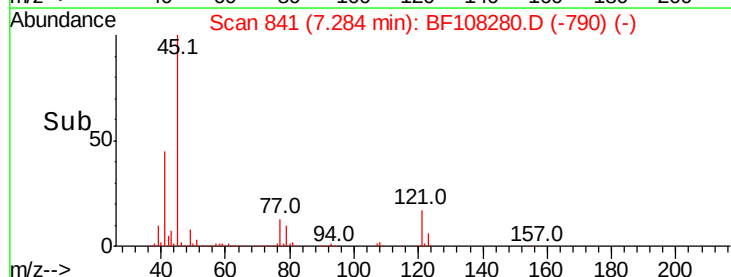
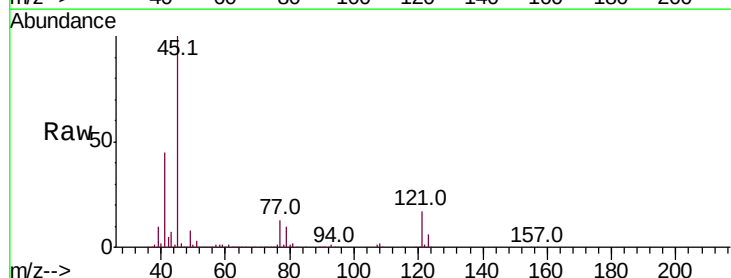
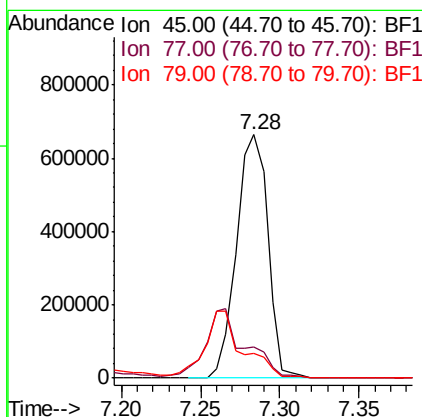
RT: 7.28 min Scan# 841

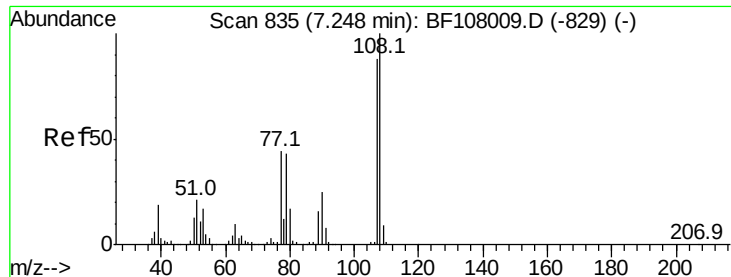
Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:	45	Resp:	908163
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.9
79	10.0	0.0	29.6





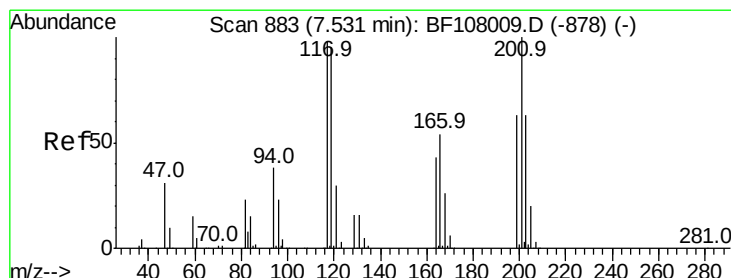
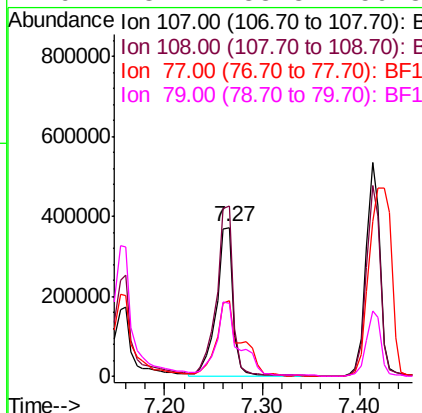
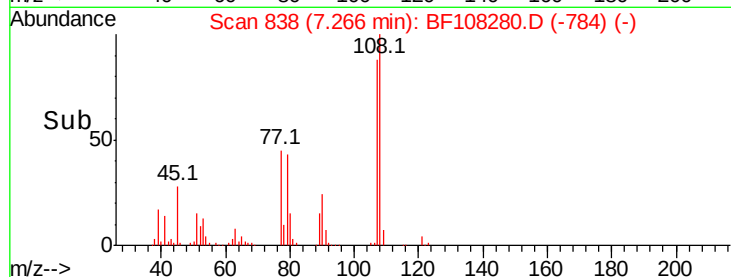
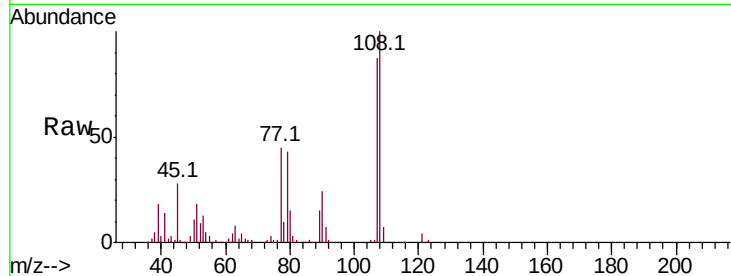
#17
2-Methylphenol
Concen: 50.892 ng
RT: 7.27 min Scan# 838
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	91.7	137.5	
77	51.0	33.8	50.8	
79	48.7	33.8	50.8	

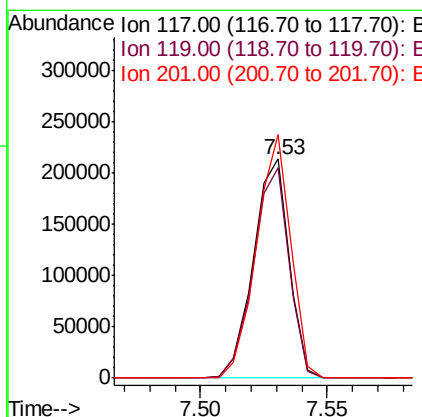
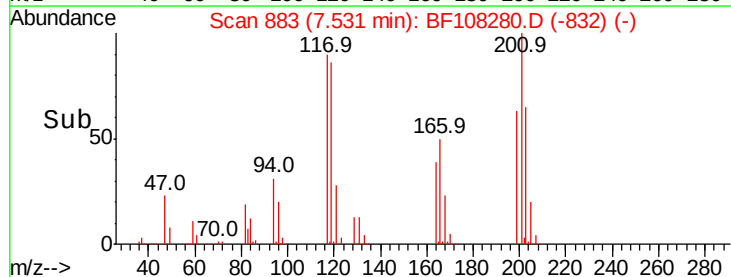
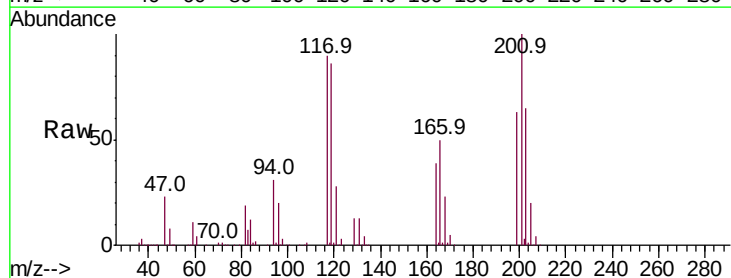
Manual Integrations
APPROVED

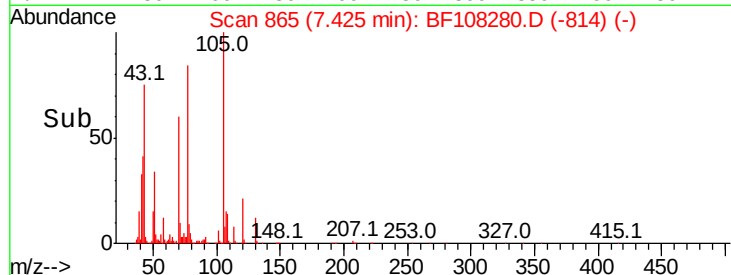
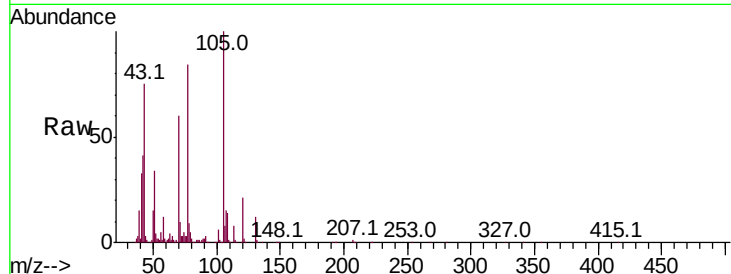
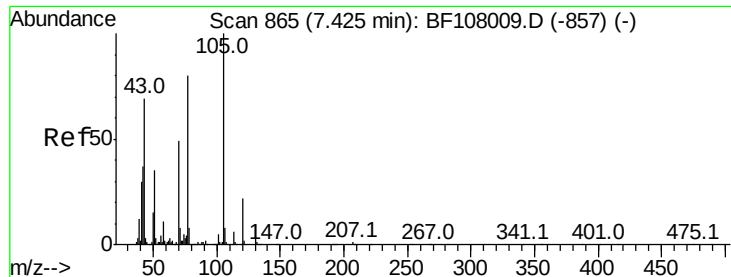
Sohil
8/21/2018 1:42:39 PM



#18
Hexachloroethane
Concen: 49.942 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.8	113.8	
201	111.0	75.7	113.5	





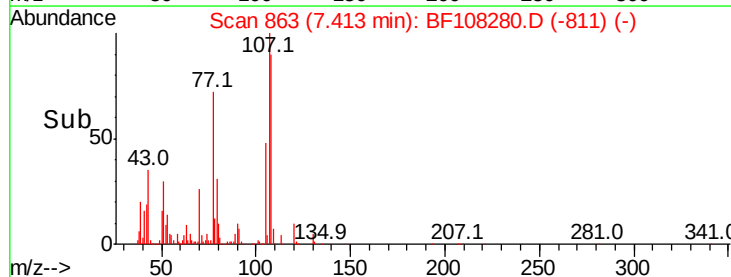
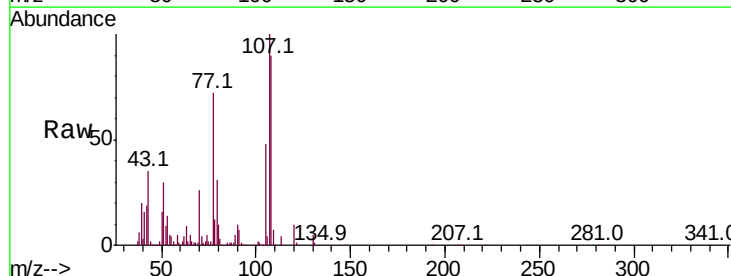
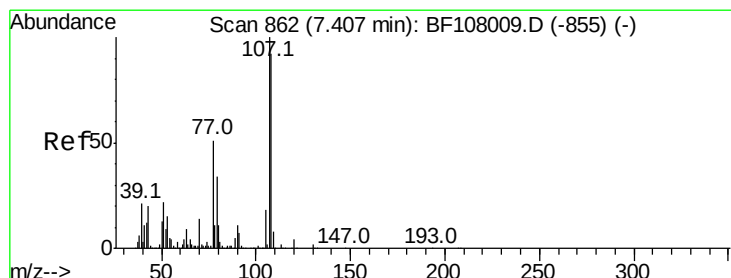
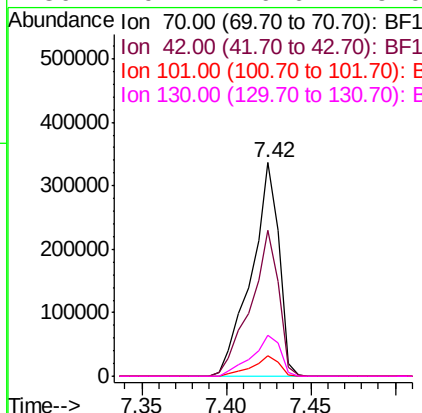
#19
n-Nitroso-di-n-propylamine
Concen: 47.332 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.3	47.5	71.3	
101	9.5	7.4	11.2	
130	19.2	16.6	25.0	

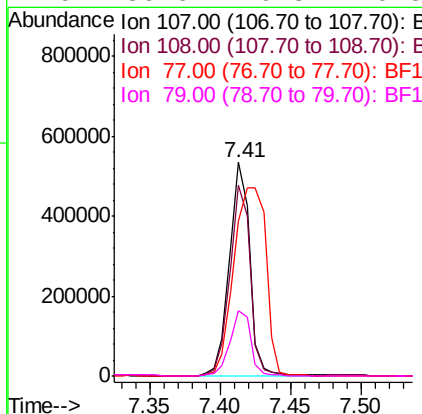
Manual Integrations
APPROVED

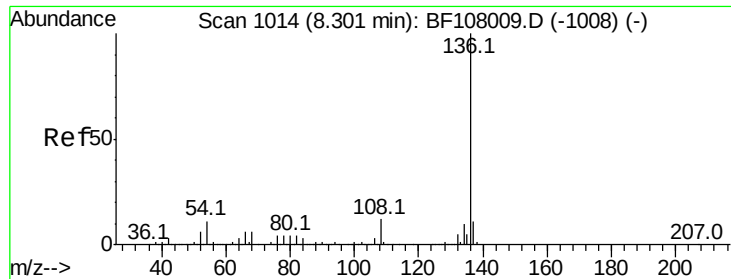
Sohil
8/21/2018 1:42:39 PM



#20
3+4-Methylphenols
Concen: 48.093 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.6	68.2	108.2	
77	72.4	26.7	66.7#	
79	30.6	6.3	46.3	





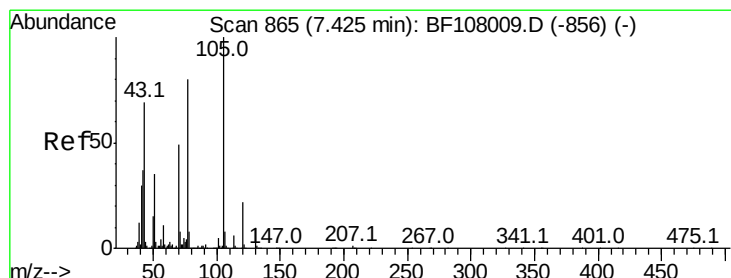
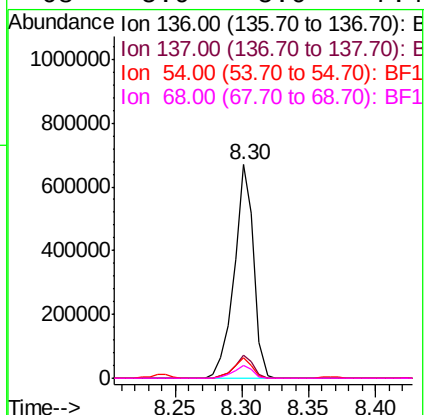
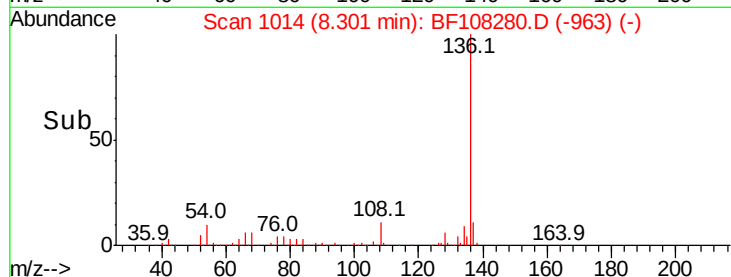
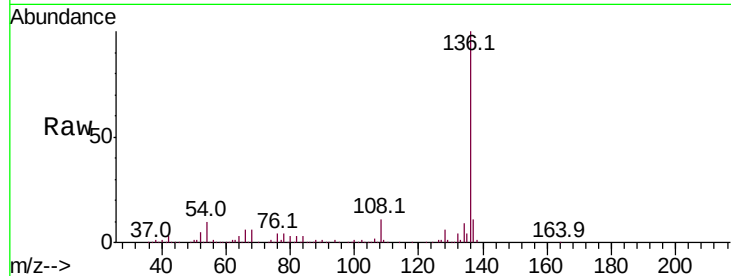
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampled :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	677830		
137	10.9		8.9	13.3
54	9.9		6.6	9.8#
68	5.9		5.0	7.4

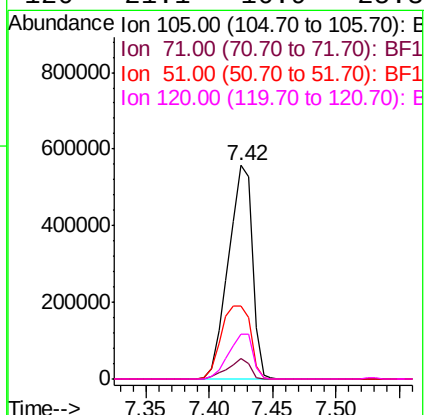
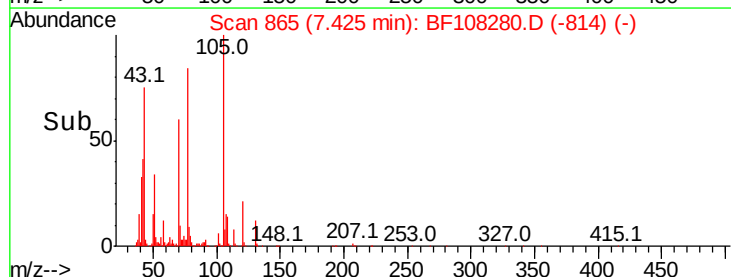
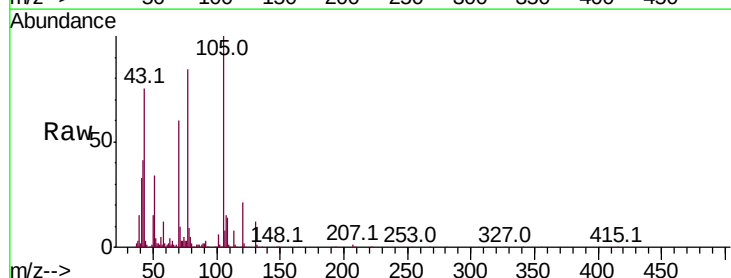
Manual Integrations
APPROVED

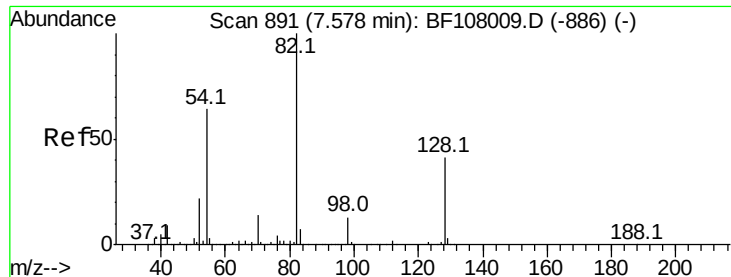
Sohil
8/21/2018 1:42:39 PM



#22
Acetophenone
Concen: 45.912 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	727686		
71	9.8		4.4	6.6#
51	34.1		22.3	33.5#
120	21.1		16.9	25.3





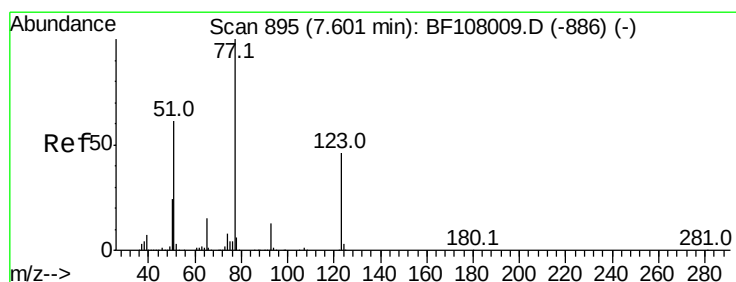
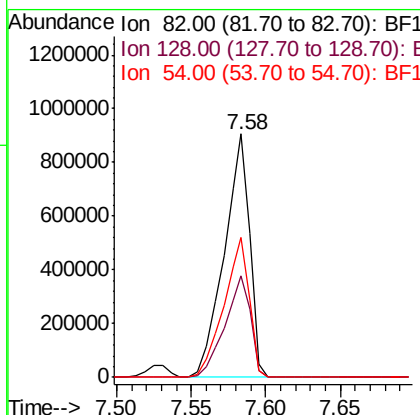
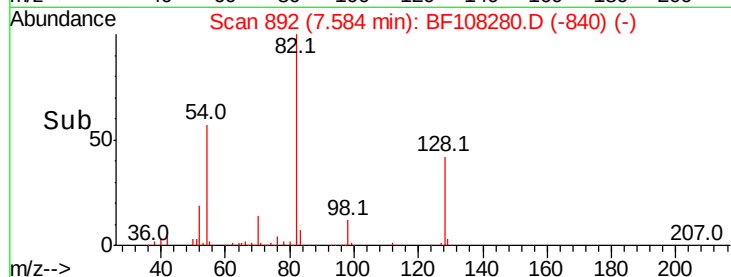
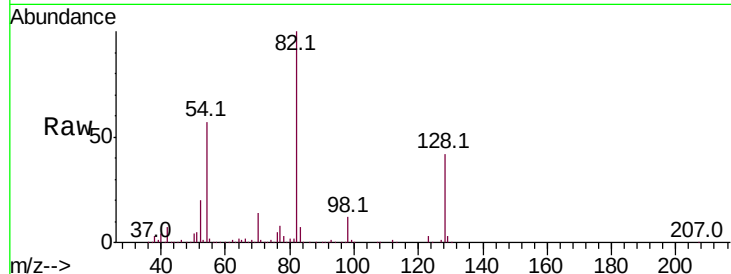
#23
 Nitrobenzene-d5
 Concen: 89.186 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion: 82 Resp: 1083360
 Ion Ratio Lower Upper
 82 100
 128 41.9 36.1 54.1
 54 57.4 41.4 62.2

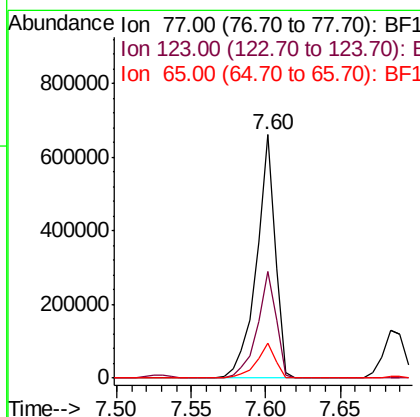
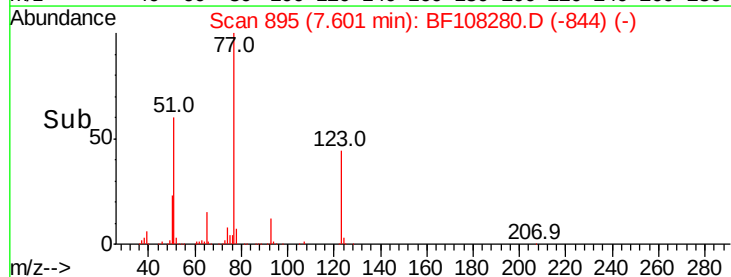
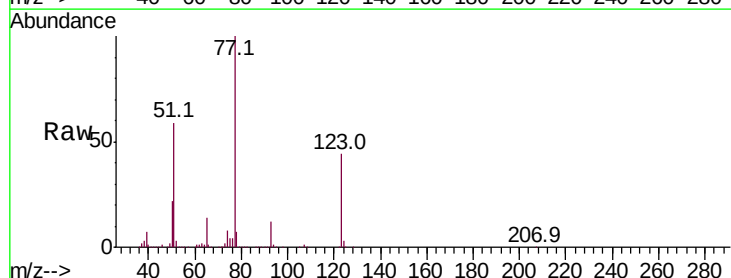
Manual Integrations
 APPROVED

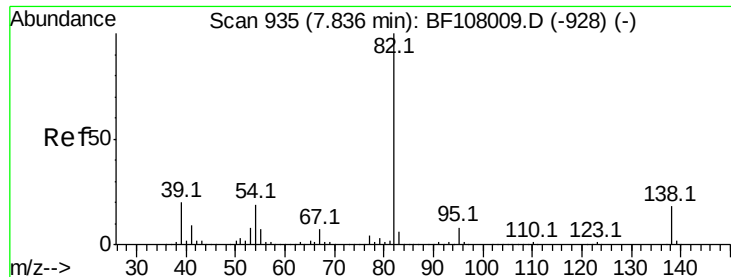
Sohil
 8/21/2018 1:42:39 PM



#24
 Nitrobenzene
 Concen: 46.163 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion: 77 Resp: 567044
 Ion Ratio Lower Upper
 77 100
 123 44.1 37.9 56.9
 65 14.5 11.0 16.4





#25

Isophorone

Concen: 45.594 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion: 82 Resp: 1055641

Ion Ratio Lower Upper

82 100

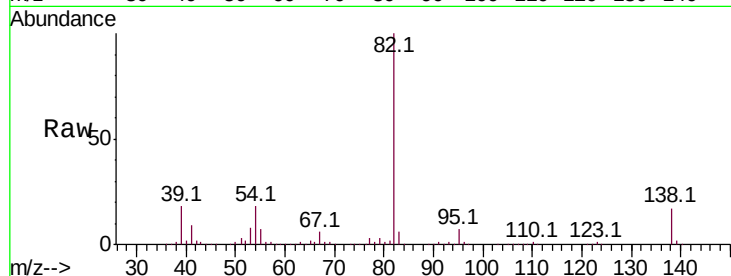
95 7.1 5.2 7.8

138 16.8 14.9 22.3

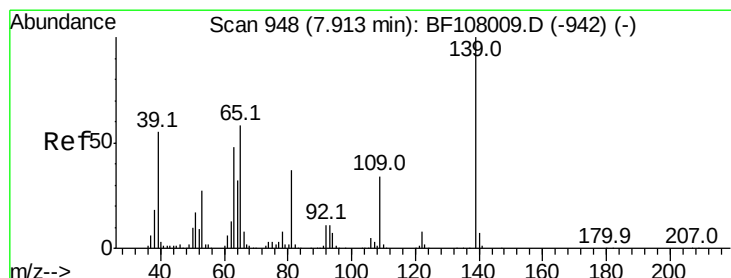
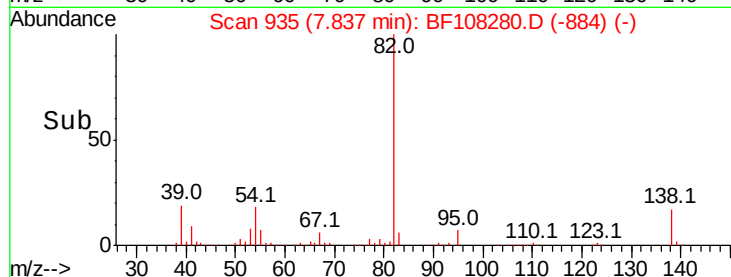
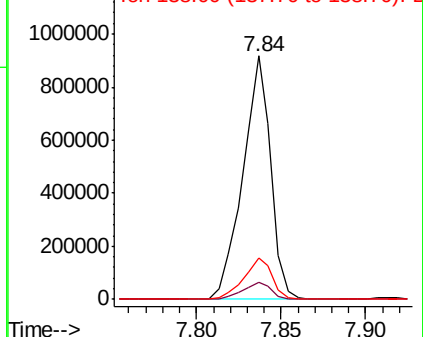
Manual Integrations
APPROVED

Sohil

8/21/2018 1:42:39 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 55.087 ng

RT: 7.91 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

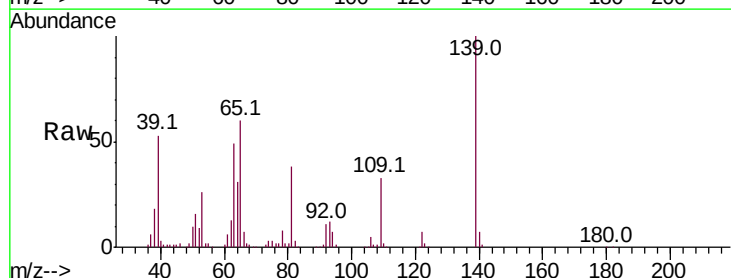
Tgt Ion: 139 Resp: 255536

Ion Ratio Lower Upper

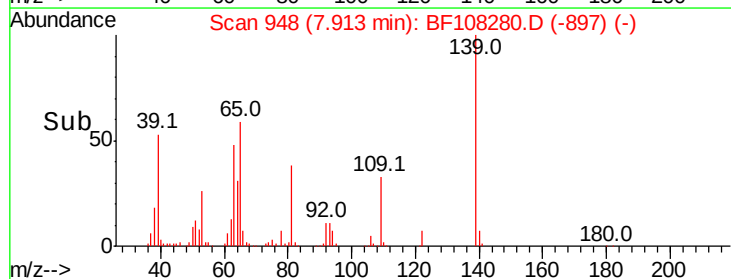
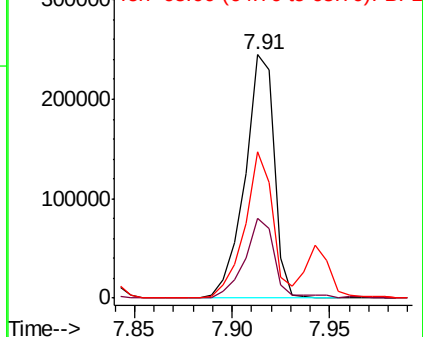
139 100

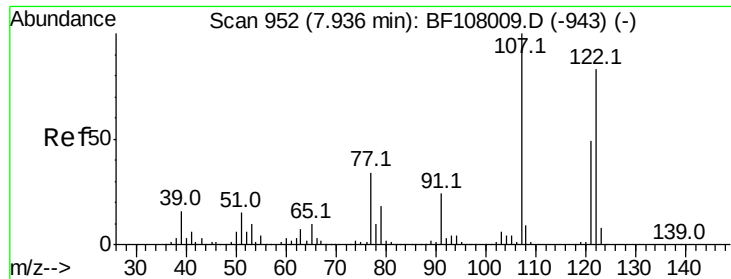
109 32.6 22.7 34.1

65 59.9 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 47.413 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

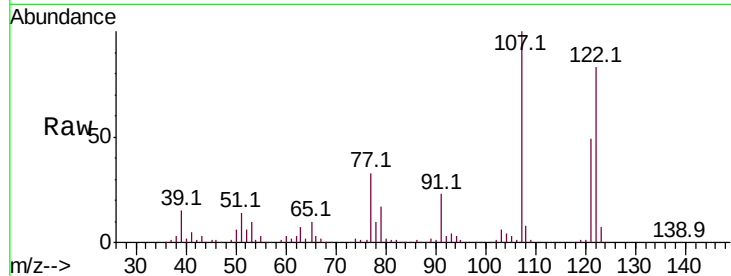
ClientSampleId :

PB112114BS

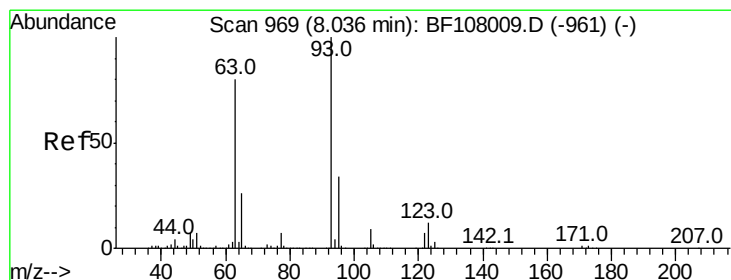
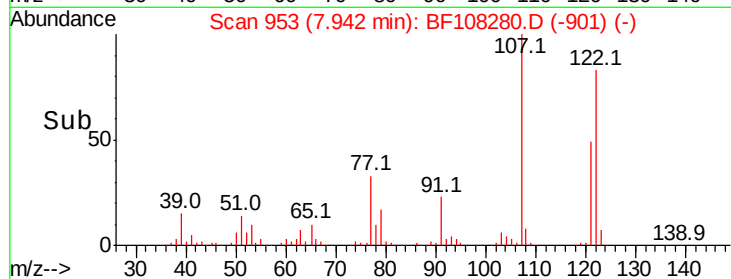
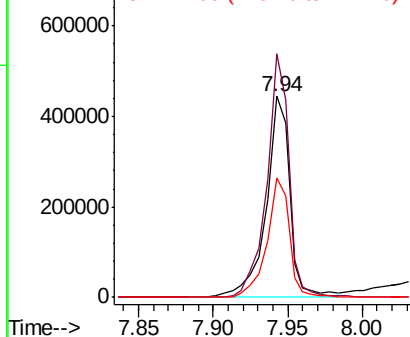
Tot Ion:	122	Resp:	487214
Ion Ratio	Lower	Upper	
122	100		
107	121.0	91.2	136.8
121	59.1	47.2	70.8

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 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: 47.049 ng

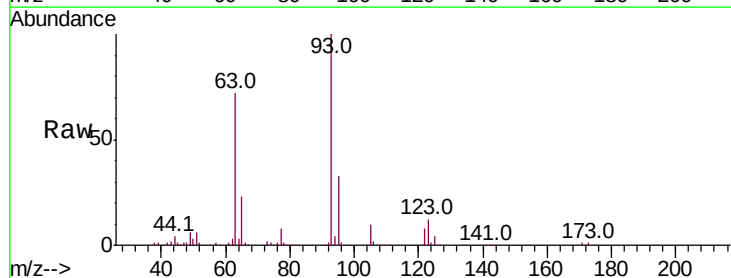
RT: 8.04 min Scan# 970

Delta R.T. 0.01 min

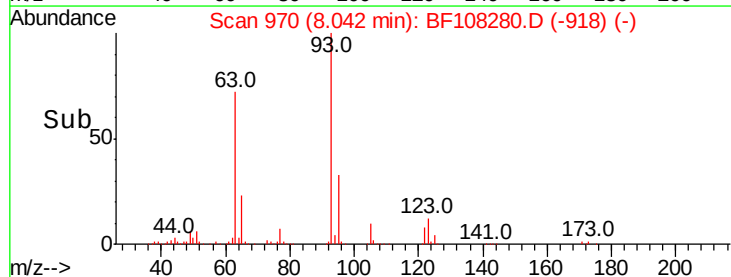
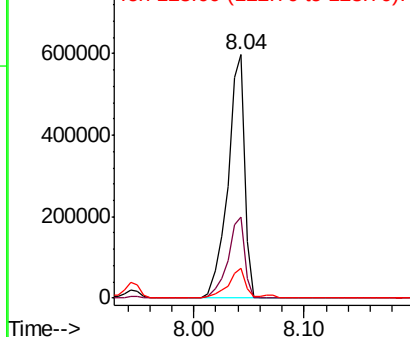
Lab File: BF108280.D

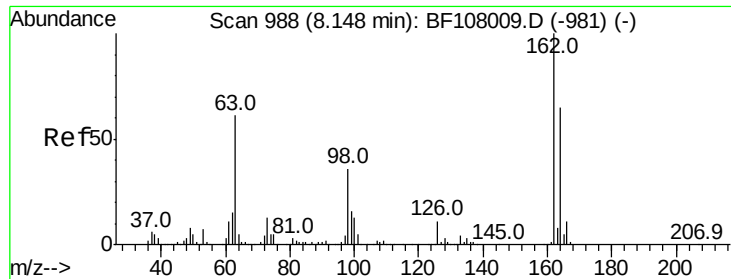
Acq: 20 Aug 2018 10:51

Tgt Ion:	93	Resp:	635922
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	12.0	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





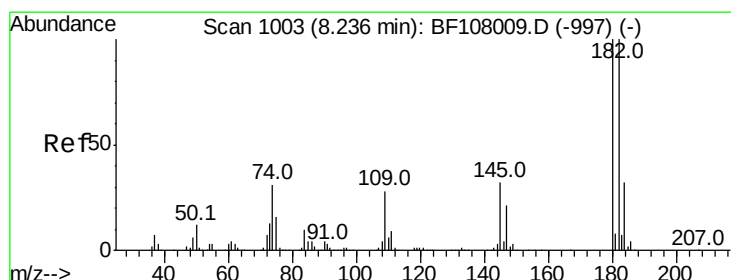
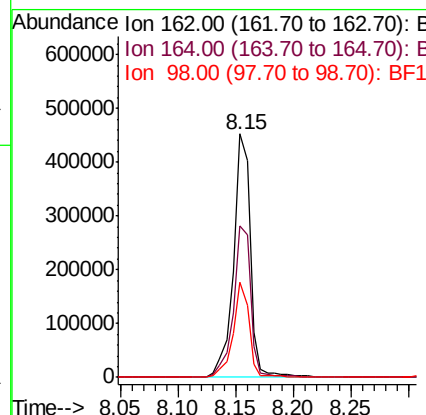
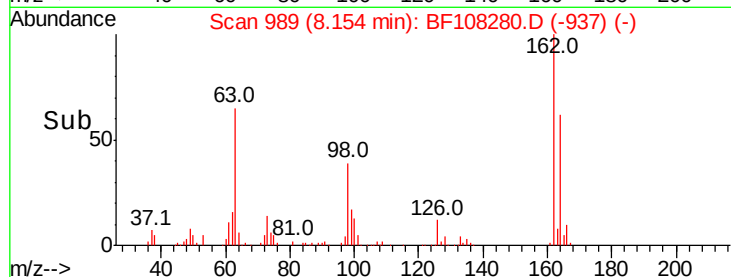
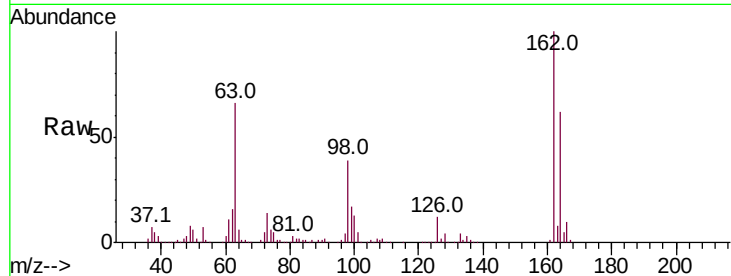
#29
2,4-Dichlorophenol
Concen: 48.664 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	460198		
164	62.1		42.7	82.7
98	38.9		18.1	58.1

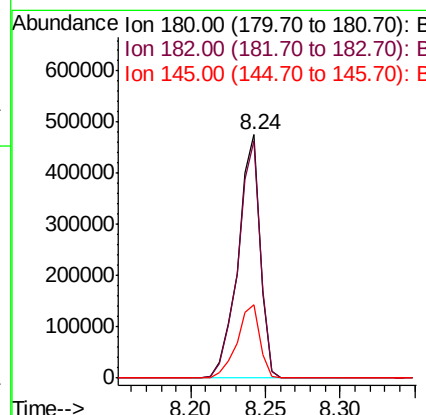
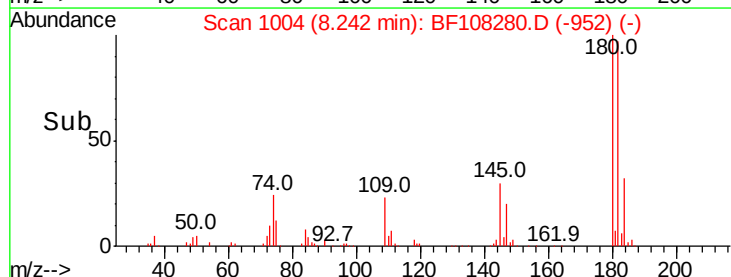
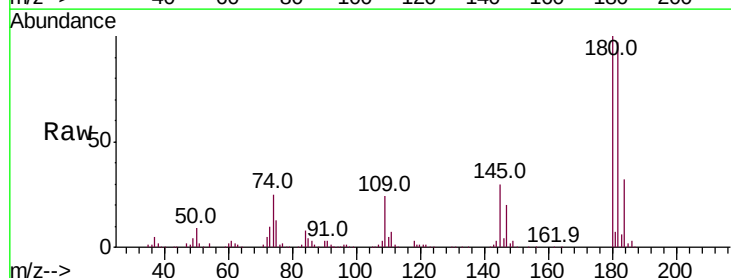
Manual Integrations
APPROVED

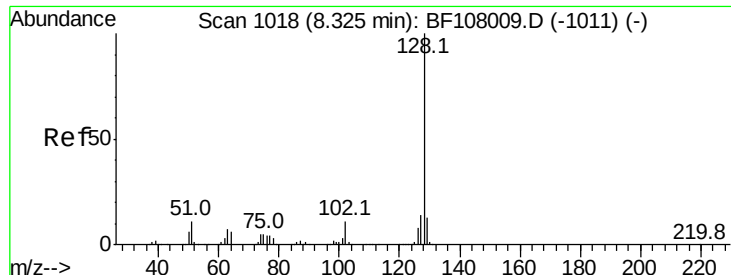
Sohil
8/21/2018 1:42:39 PM



#30
1,2,4-Trichlorobenzene
Concen: 47.406 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	494268		
182	97.3		76.8	115.2
145	30.0		26.5	39.7





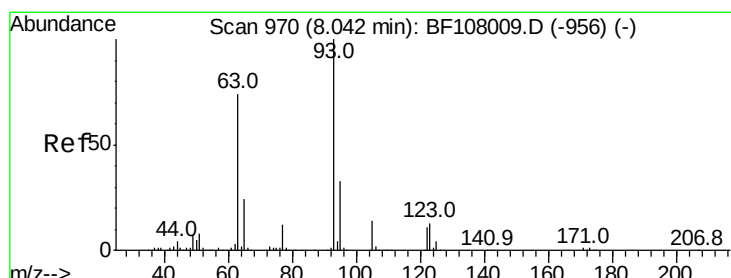
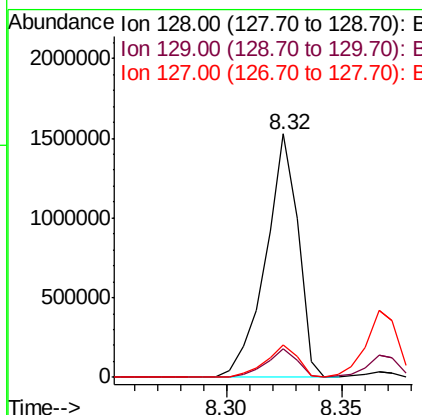
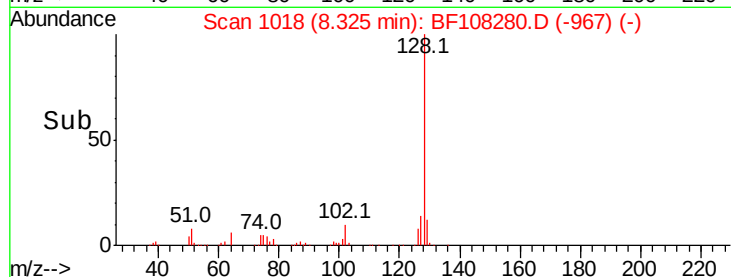
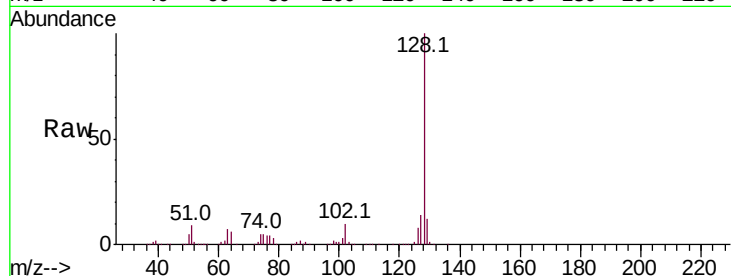
#31
Naphthalene
Concen: 48.146 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.5	10.9	16.3

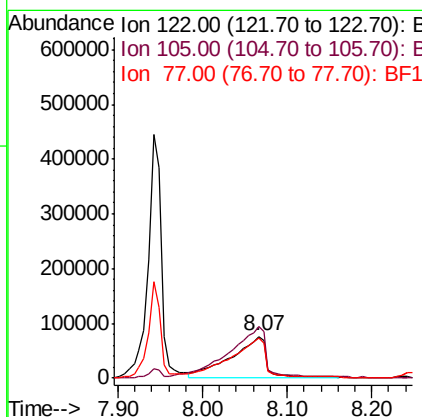
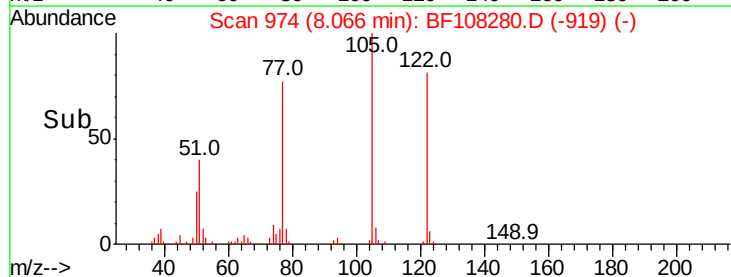
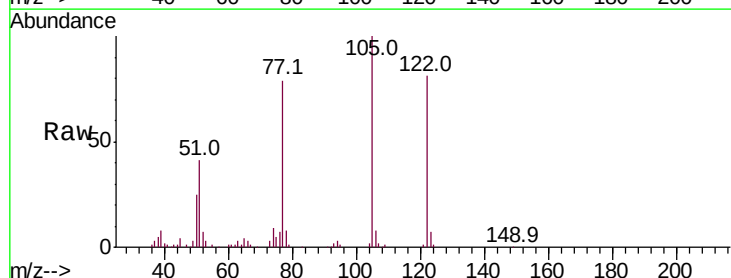
Manual Integrations
APPROVED

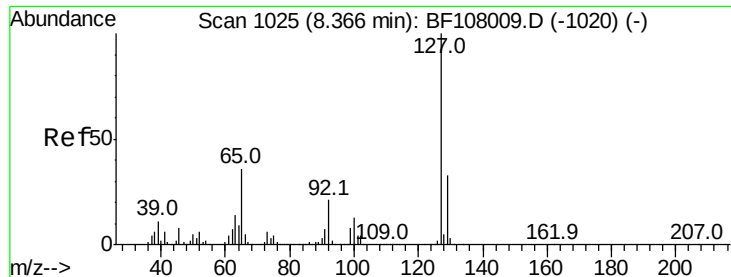
Sohil
8/21/2018 1:42:39 PM



#32
Benzoic acid
Concen: 37.878 ng
RT: 8.07 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.8	101.1	141.1
77	97.7	70.7	110.7





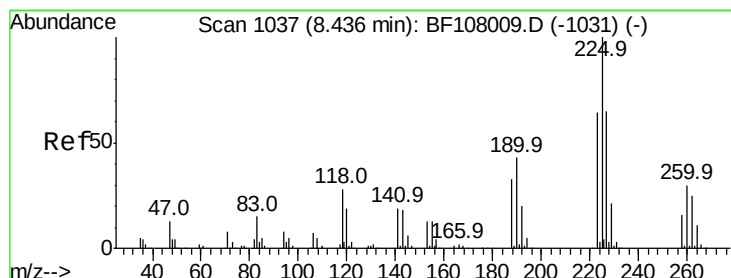
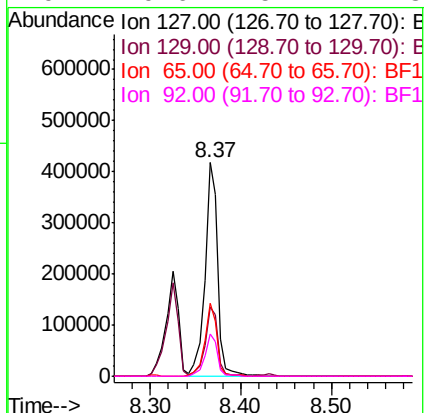
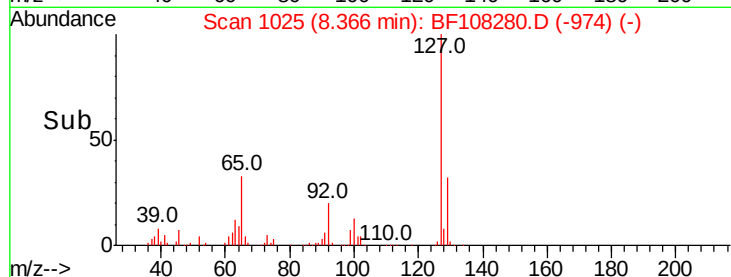
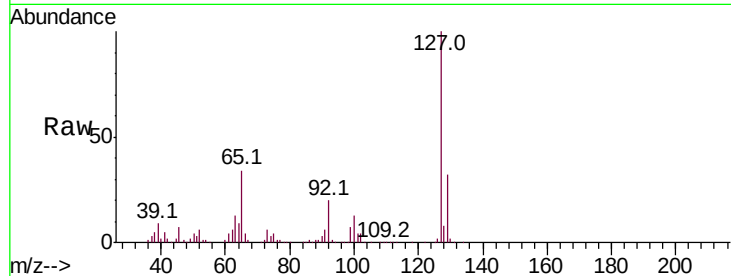
#33
4-Chloroaniline
Concen: 30.922 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	34.2	25.0	37.4	
92	19.6	15.2	22.8	

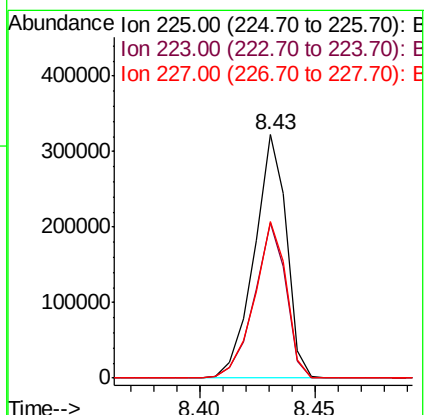
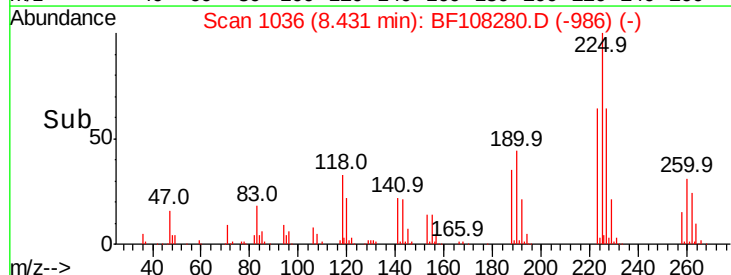
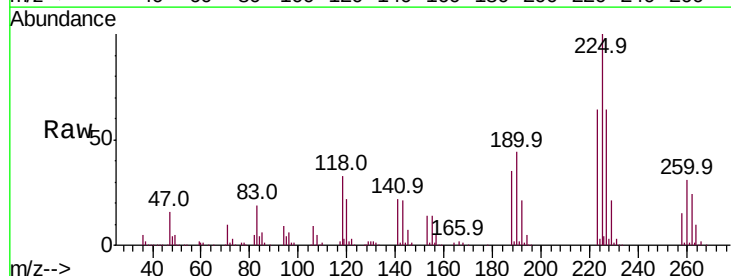
Manual Integrations
APPROVED

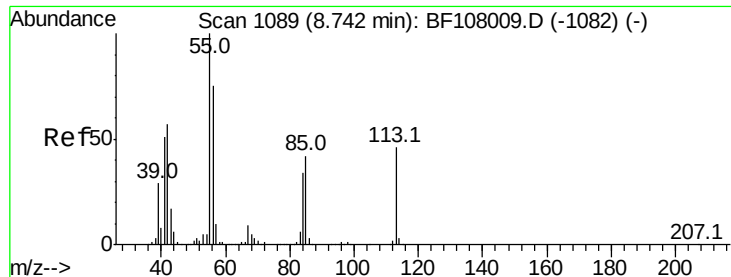
Sohil
8/21/2018 1:42:39 PM



#34
Hexachlorobutadiene
Concen: 47.587 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	64.1	51.9	77.9	





#35

Caprolactam

Concen: 44.455 ng/ml

RT: 8.75 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

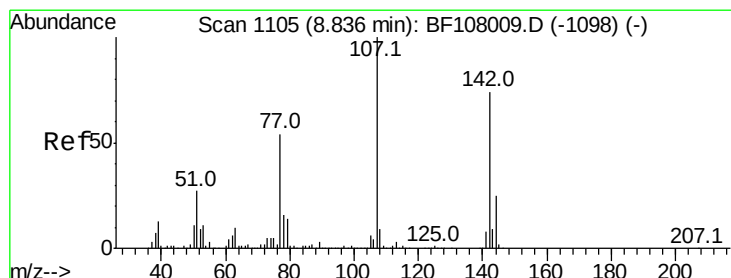
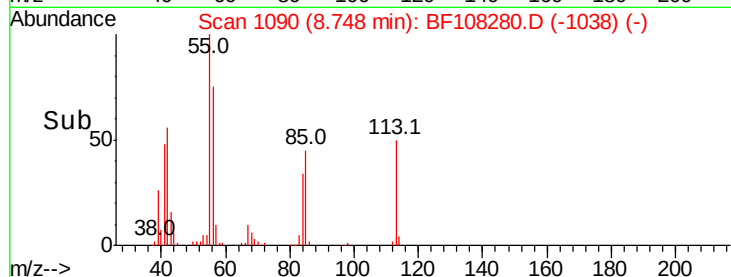
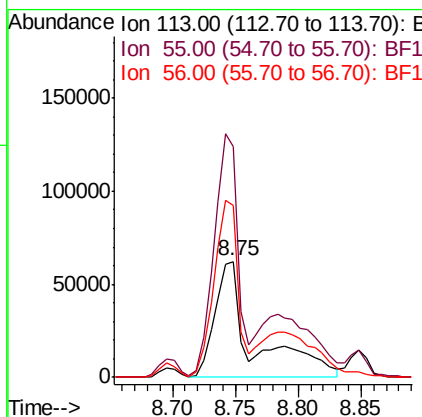
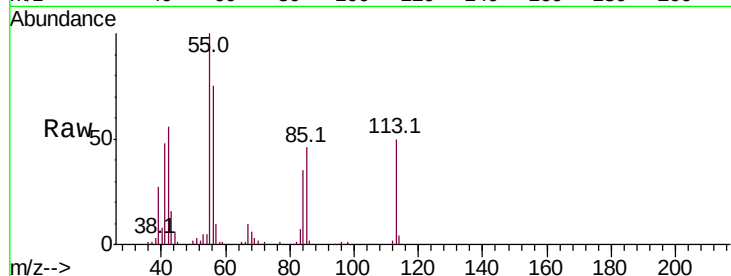
ClientSampleID :

PB112114BS

Tot Ion:	113	Resp:	131741
Ion Ratio	Lower	Upper	
113	100		
55	198.8	163.3	203.3
56	148.3	115.7	155.7

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



#36

4-Chloro-3-methylphenol

Concen: 46.562 ng/ml

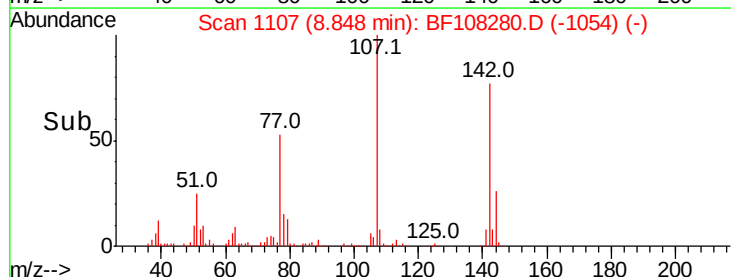
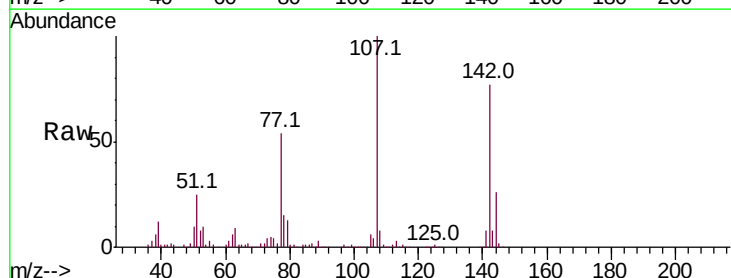
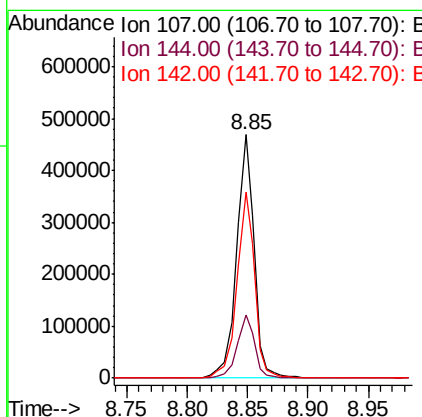
RT: 8.85 min Scan# 1107

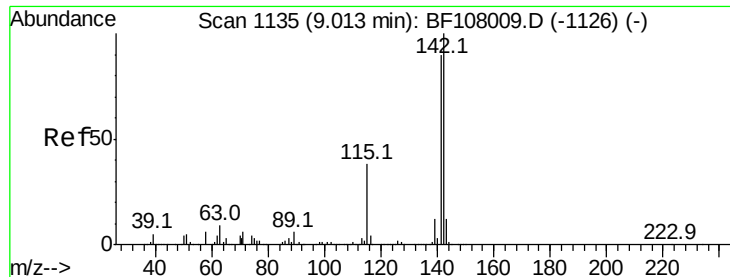
Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:	107	Resp:	475007
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	76.6	62.0	93.0





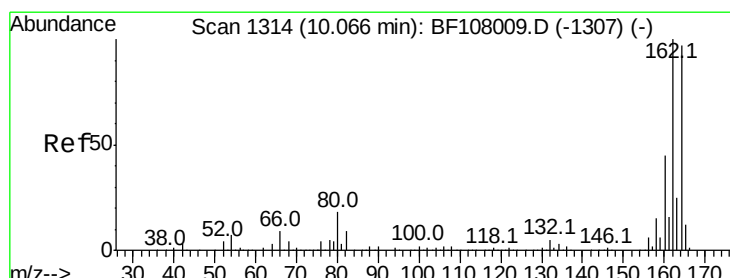
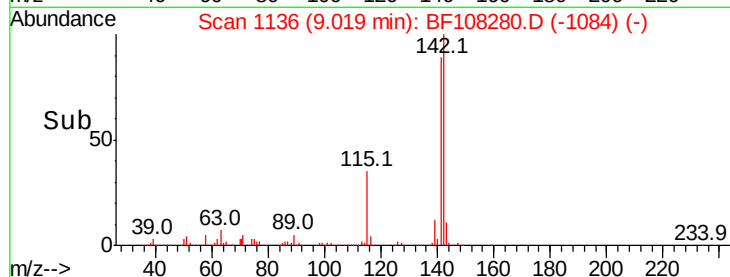
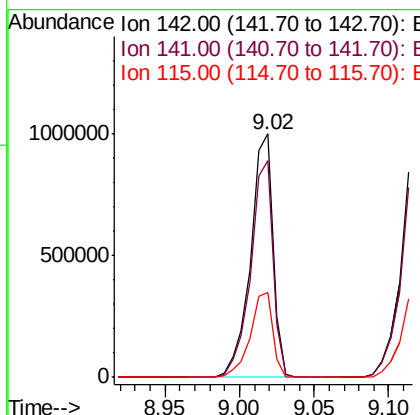
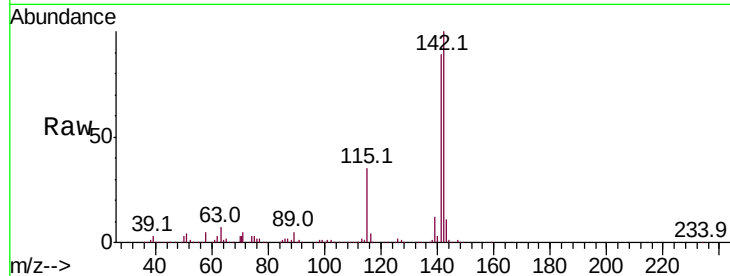
#37
2-Methylnaphthalene
Concen: 47.442 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	34.7	26.1	39.1

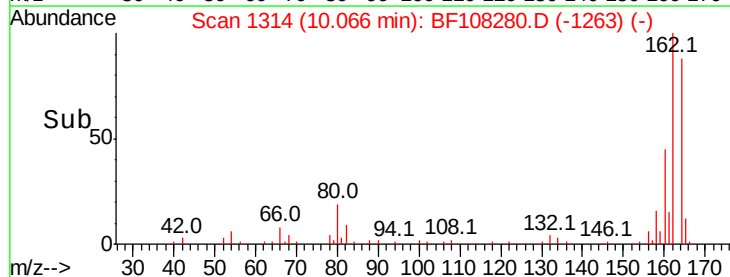
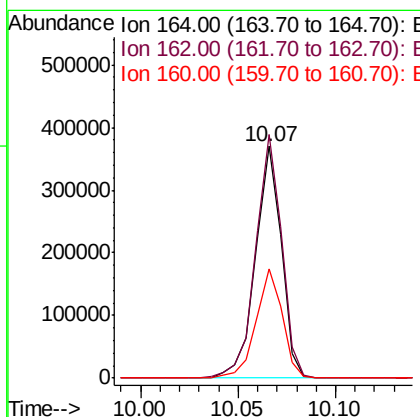
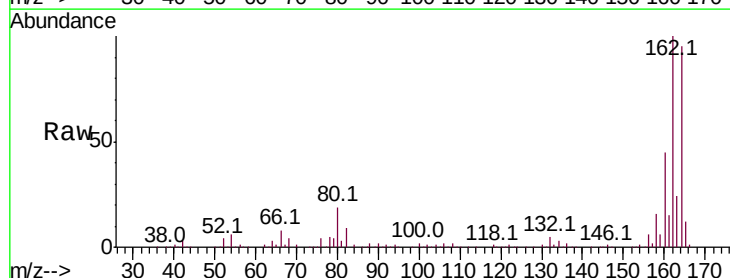
Manual Integrations
APPROVED

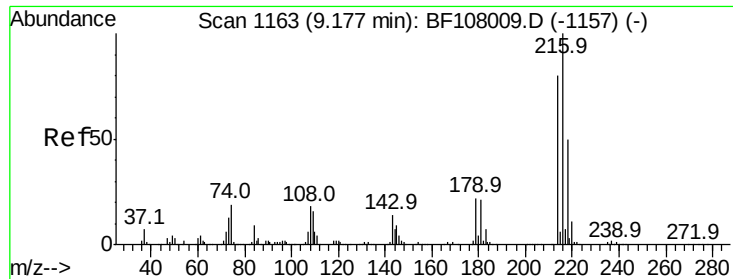
Sohil
8/21/2018 1:42:39 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.2	38.3	57.5





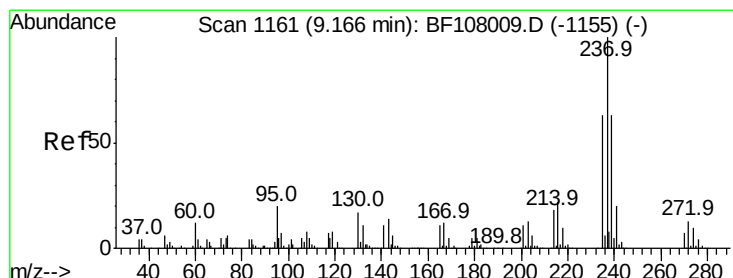
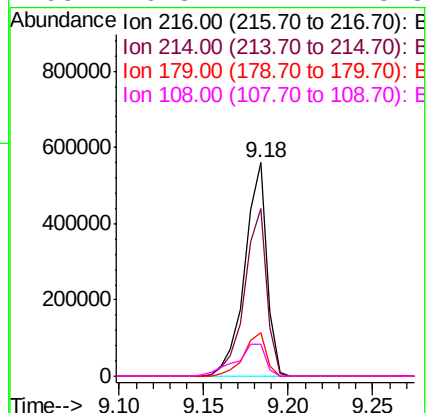
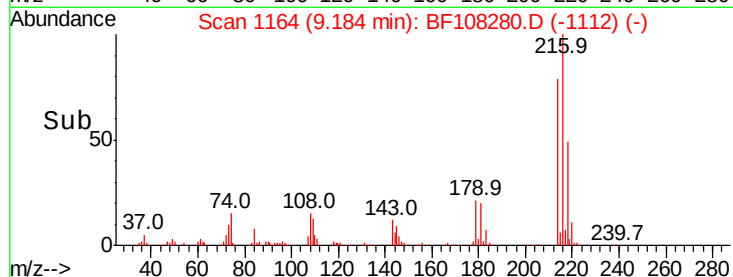
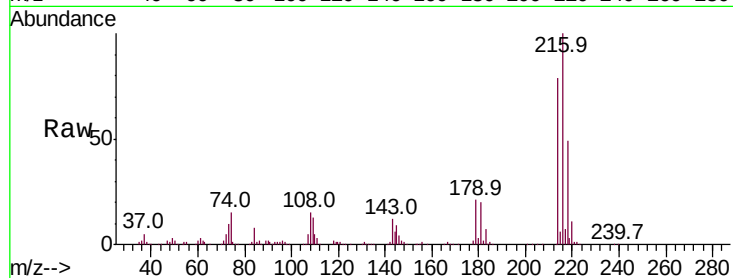
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.239 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	20.4	18.1	27.1
108	20.3	17.2	25.8

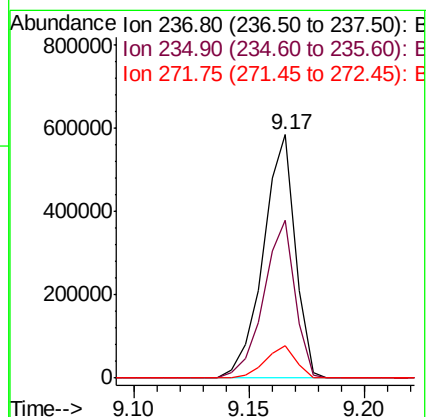
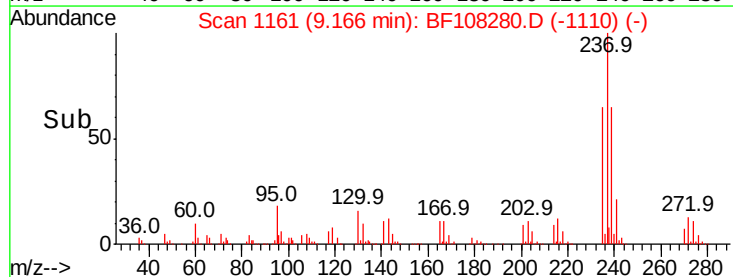
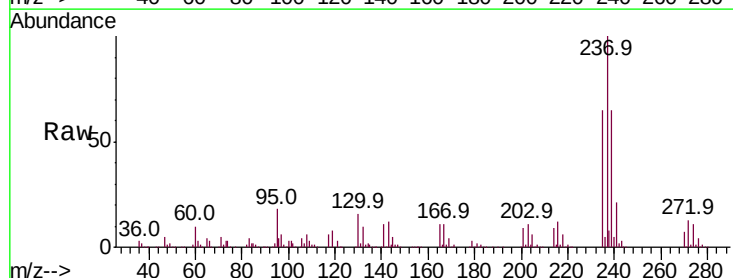
Manual Integrations
 APPROVED

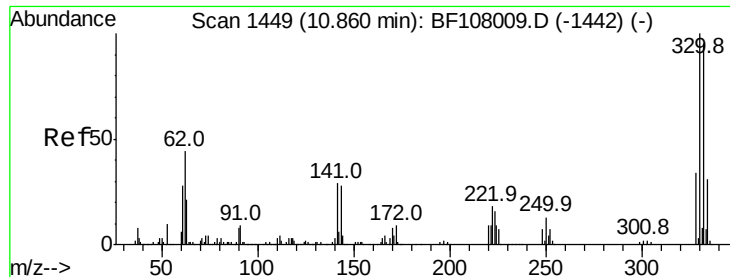
Sohil
 8/21/2018 1:42:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 83.722 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.6	44.8	84.8
272	13.5	0.0	33.3





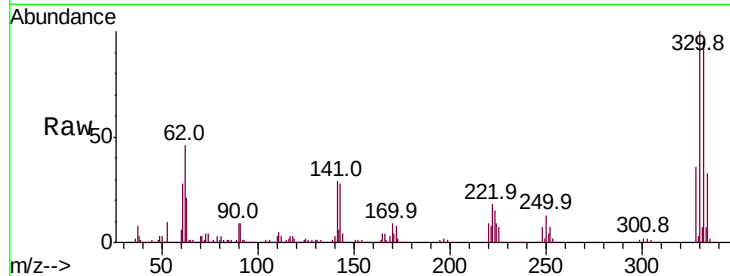
#41
 2,4,6-Tribromophenol
 Concen: 146.379 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	32.3	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:39 PM

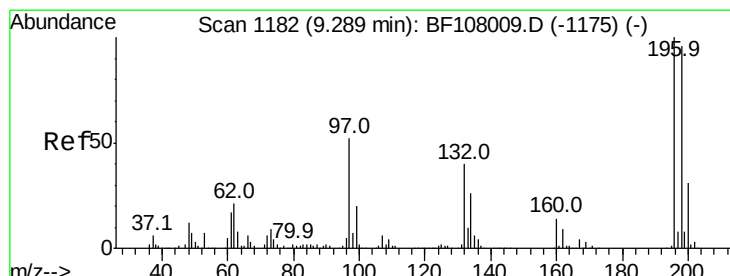
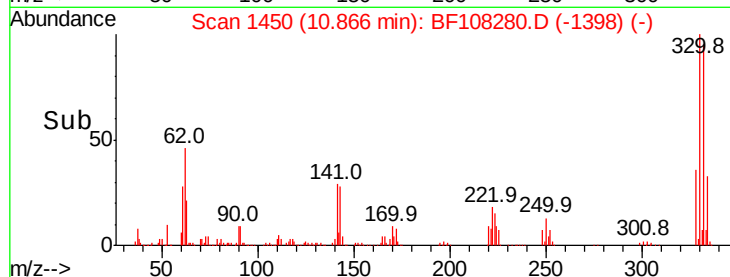
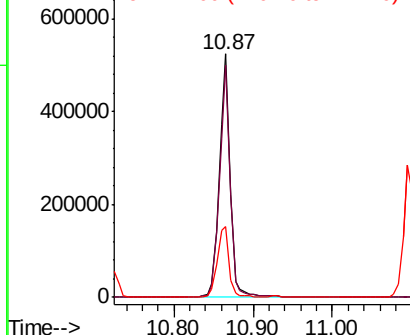


Abundance

Ion 329.80 (329.50 to 330.50): E

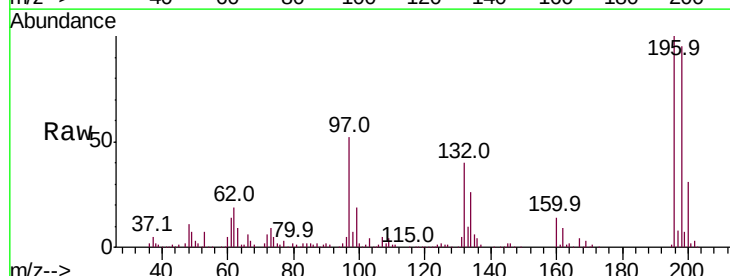
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 52.282 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.4	75.7	113.5	
200	31.1	24.5	36.7	

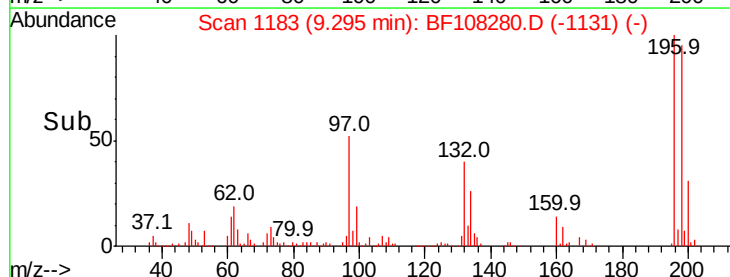
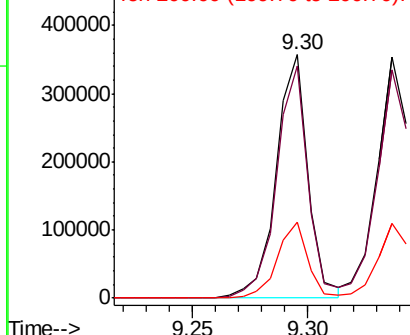


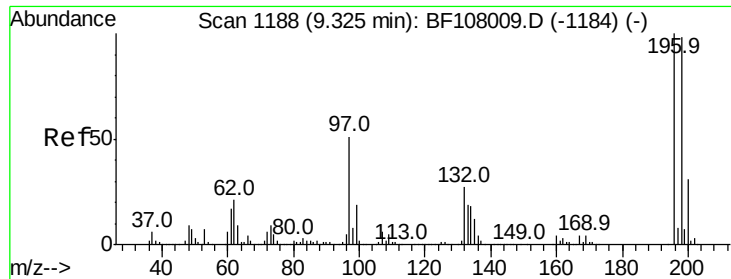
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





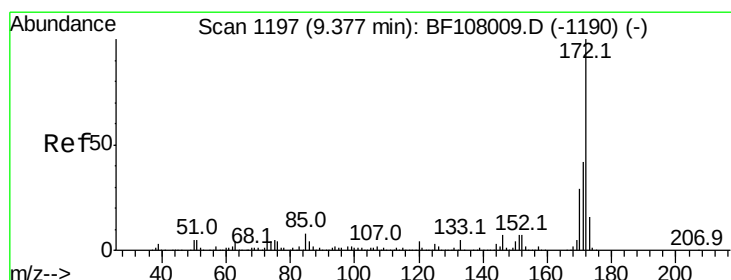
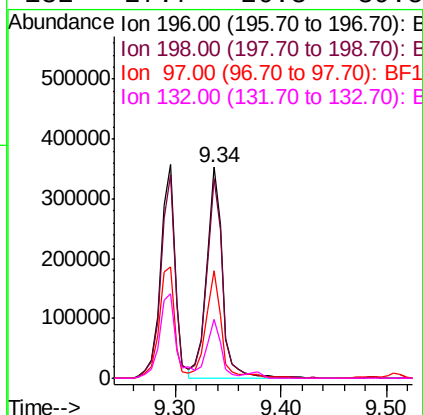
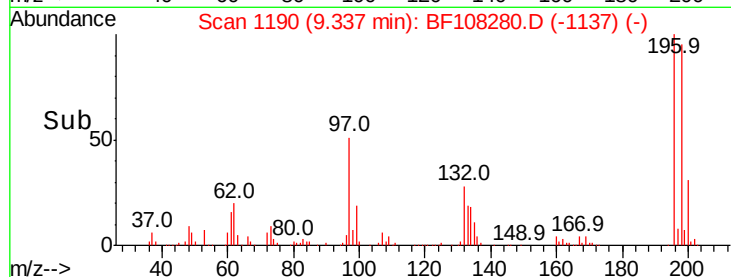
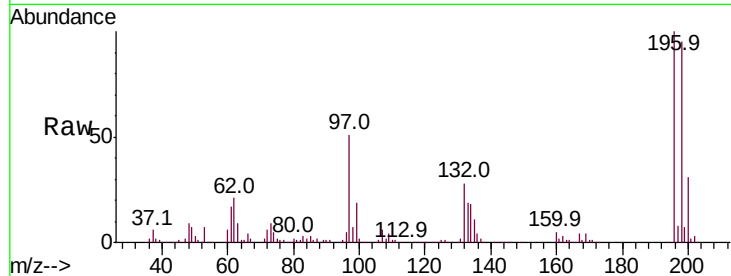
#43
 2,4,5-Trichlorophenol
 Concen: 51.411 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	366280		
198	94.9	74.6	112.0	
97	50.8	42.9	64.3	
132	27.7	26.3	39.5	

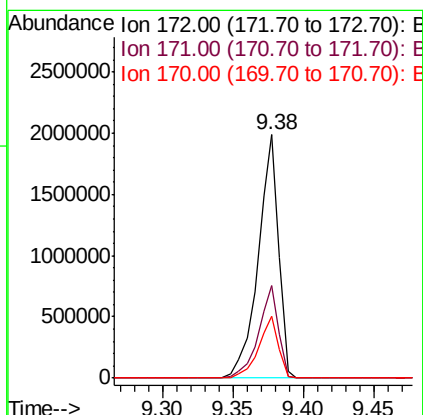
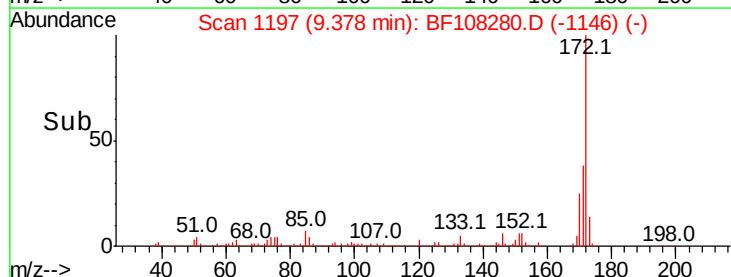
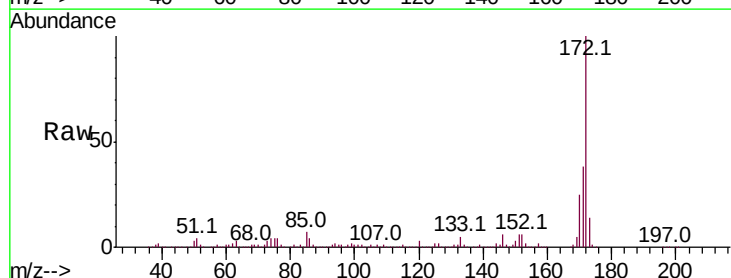
Manual Integrations
 APPROVED

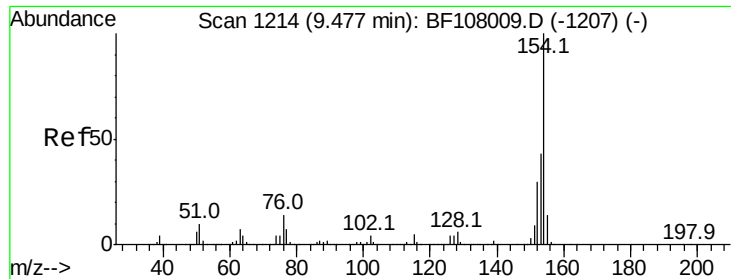
Sohil
 8/21/2018 1:42:39 PM



#44
 2-Fluorobiphenyl
 Concen: 95.651 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2023392		
171	37.8	29.7	44.5	
170	25.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 49.317 ng

RT: 9.48 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:154 Resp: 1234902

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

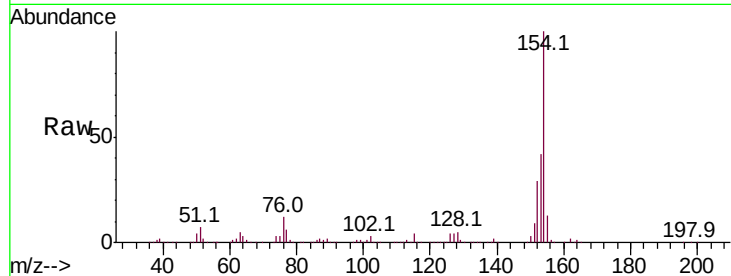
76 11.5 0.0 34.0

Manual Integrations

APPROVED

Sohil

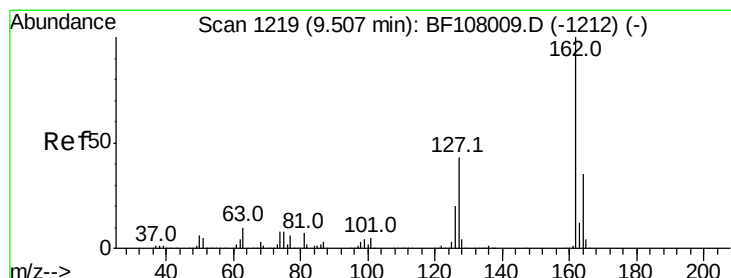
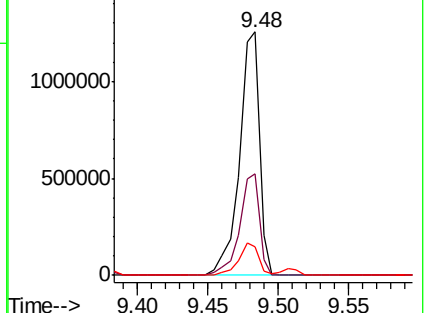
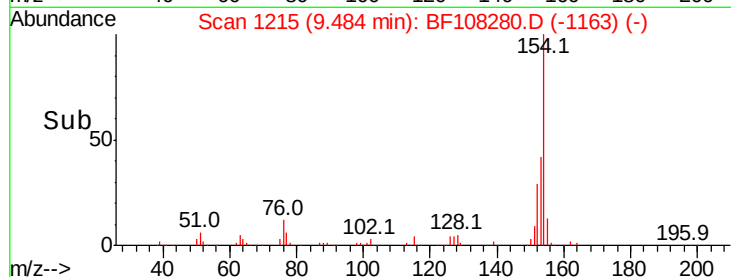
8/21/2018 1:42:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 48.778 ng

RT: 9.51 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

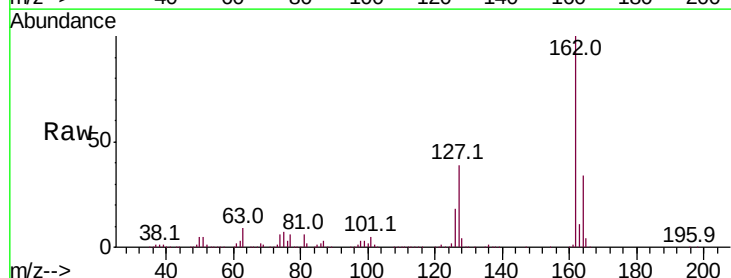
Tgt Ion:162 Resp: 965359

Ion Ratio Lower Upper

162 100

127 38.6 33.9 50.9

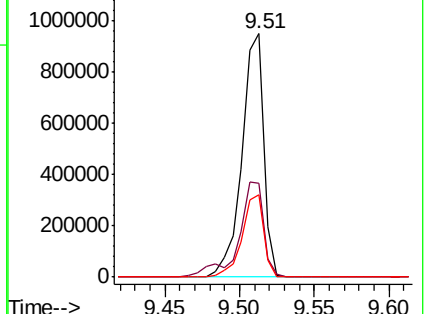
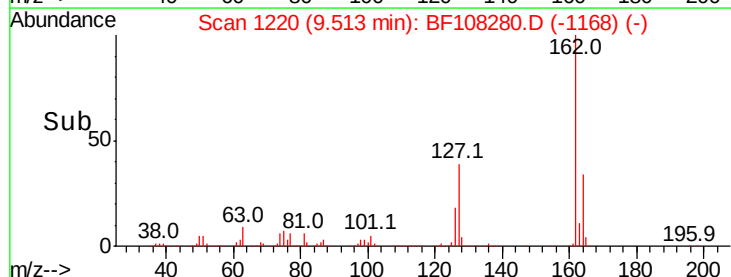
164 33.9 26.5 39.7

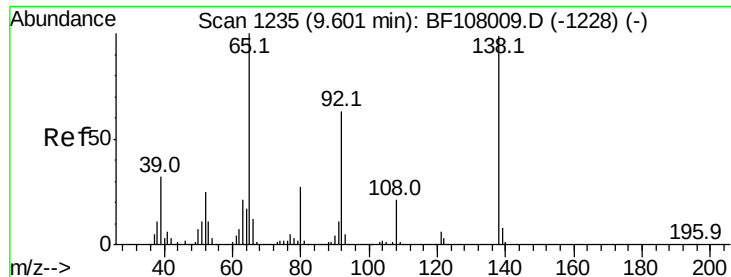


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.820 ng

RT: 9.61 min Scan# 1236

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion: 65 Resp: 319028

Ion Ratio Lower Upper

65 100

92 66.3 55.8 83.6

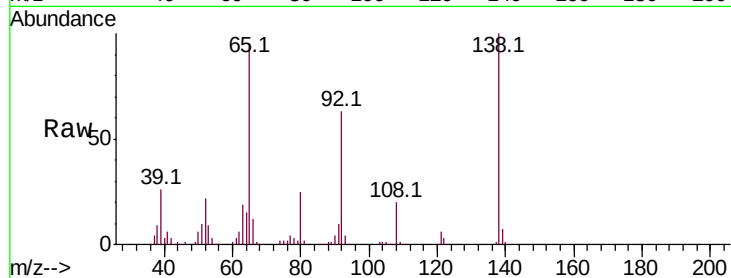
138 105.0 91.2 136.8

Manual Integrations

APPROVED

Sohil

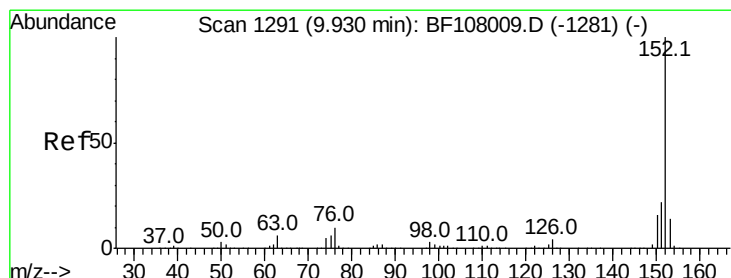
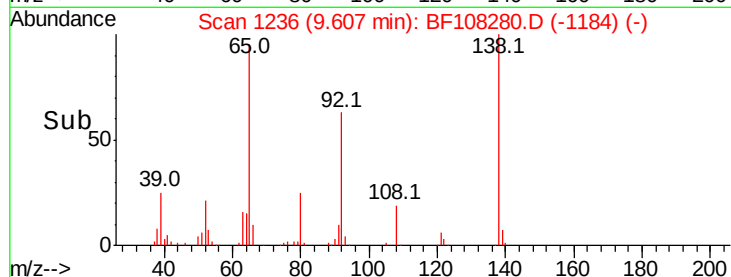
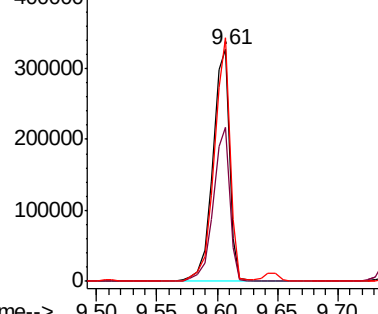
8/21/2018 1:42:39 PM



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 48.994 ng

RT: 9.93 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

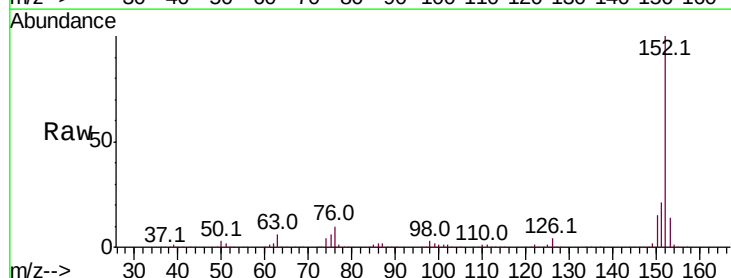
Tgt Ion: 152 Resp: 1532915

Ion Ratio Lower Upper

152 100

151 21.1 16.3 24.5

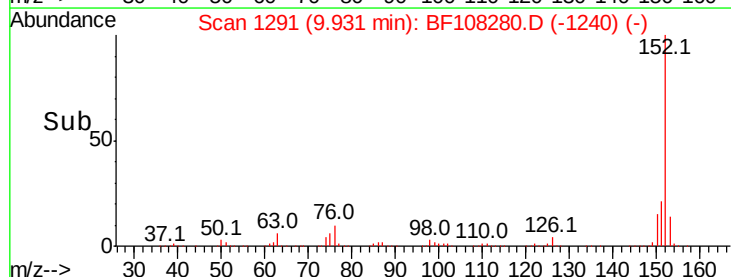
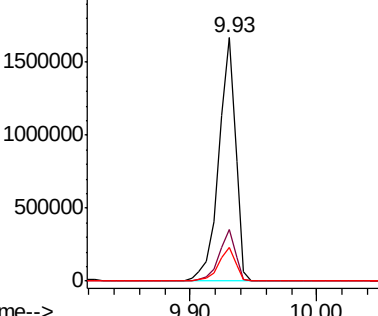
153 13.9 10.7 16.1

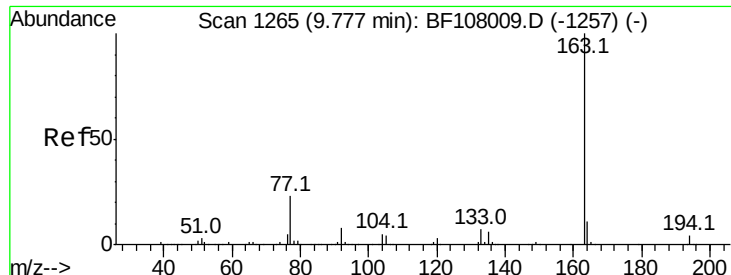


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





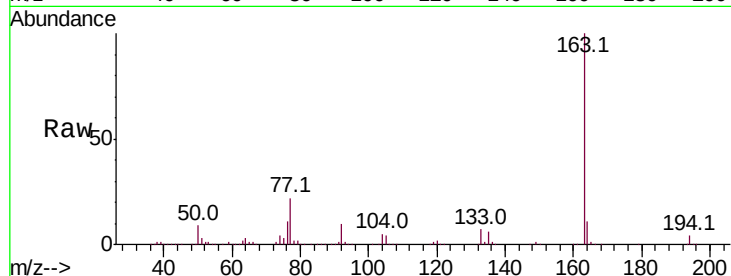
#49
Dimethylphthalate
Concen: 47.471 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

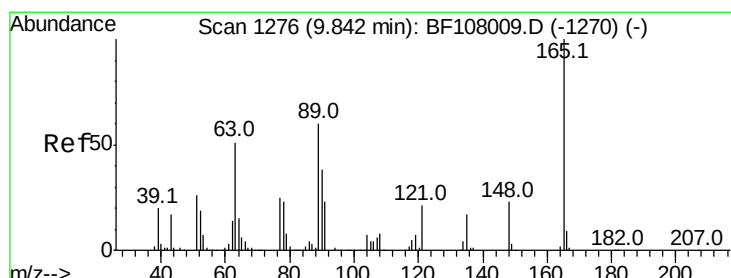
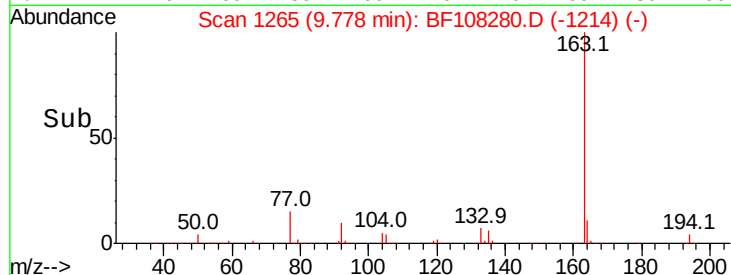
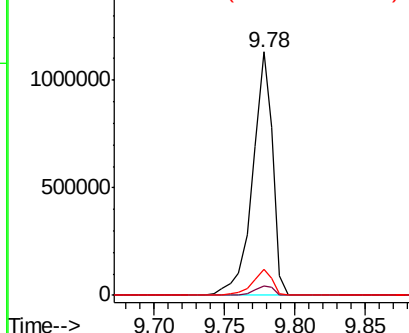
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.8	8.2	12.2

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



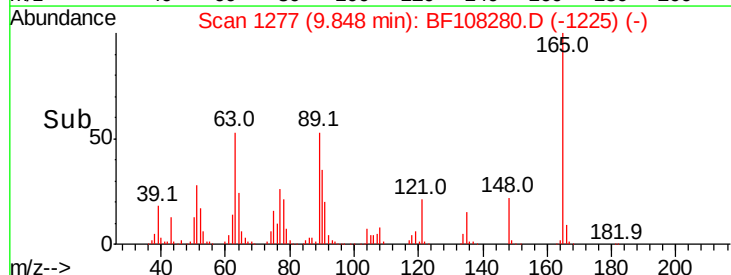
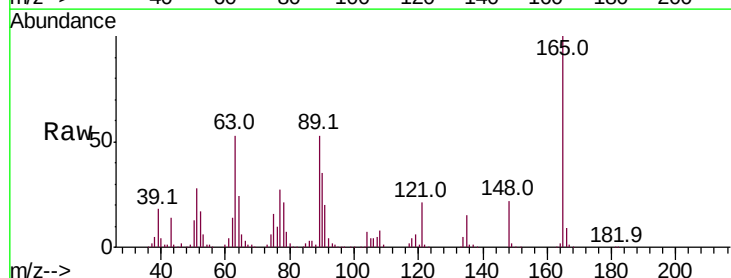
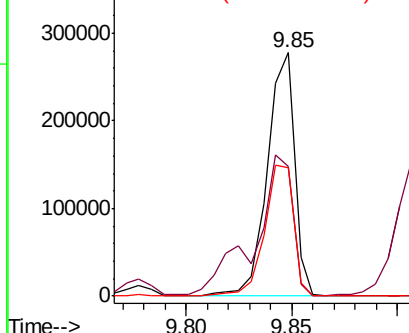
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

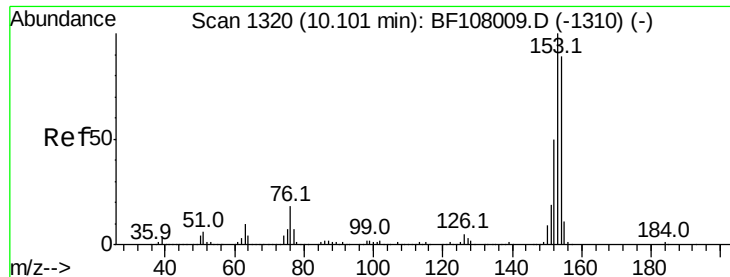


#50
2,6-Dinitrotoluene
Concen: 50.593 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	44.7	67.1
89	52.6	44.0	66.0

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





#51

Acenaphthene

Concen: 46.995 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampleId :

PB112114BS

Tot Ion:154 Resp: 900589

Ion Ratio Lower Upper

154 100

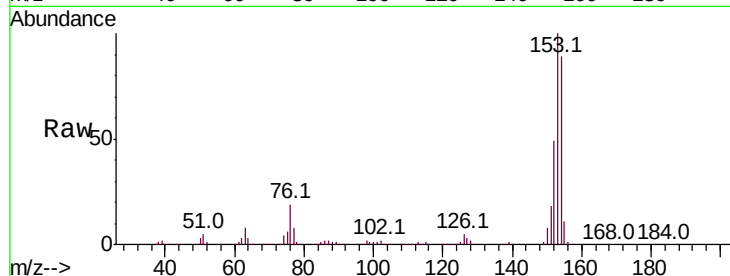
153 112.6 91.2 136.8

152 55.2 43.8 65.8

Manual Integrations
APPROVED

Sohil

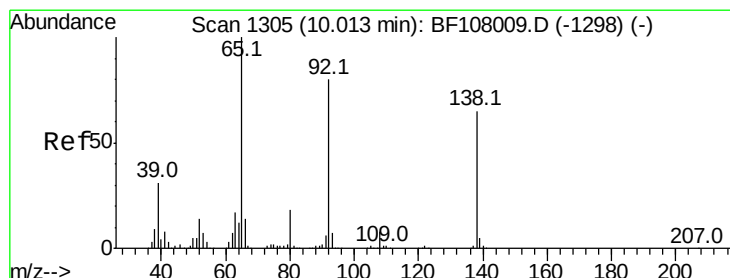
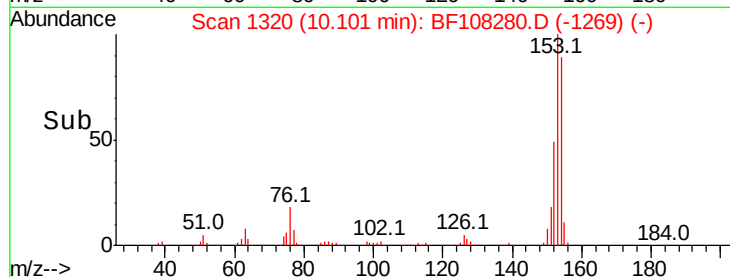
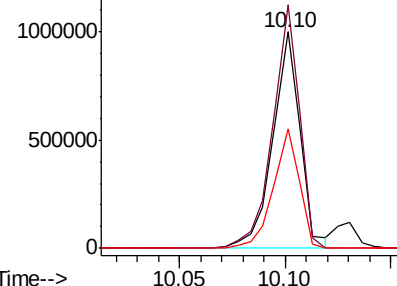
8/21/2018 1:42:39 PM



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: 36.985 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

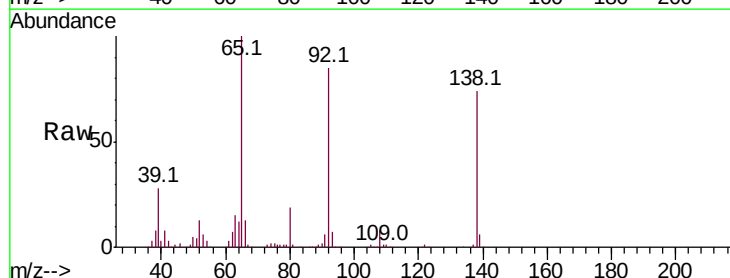
Tgt Ion:138 Resp: 200289

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

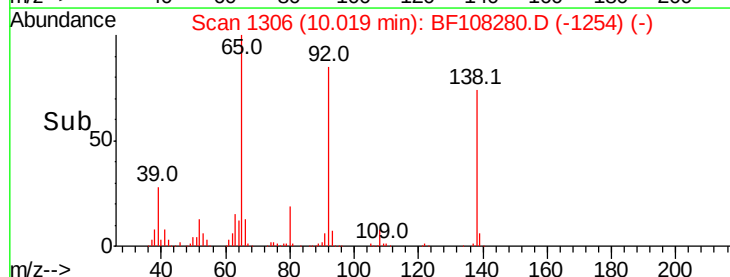
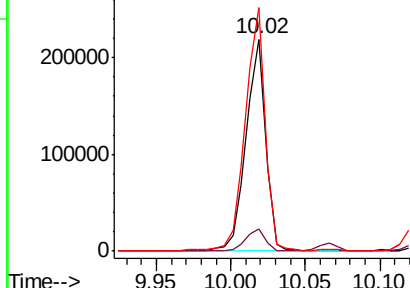
92 114.8 89.4 134.2

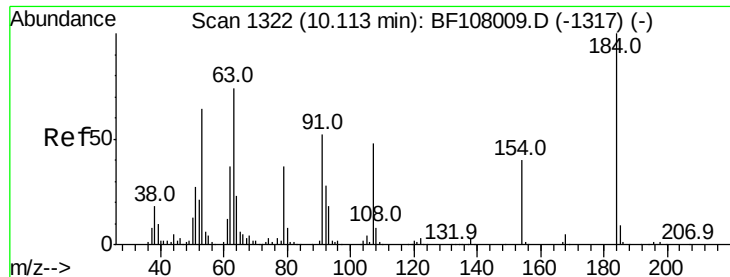


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





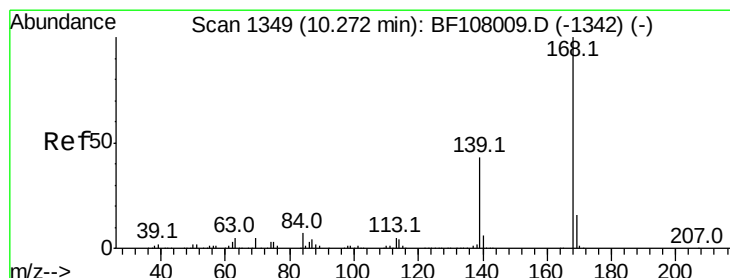
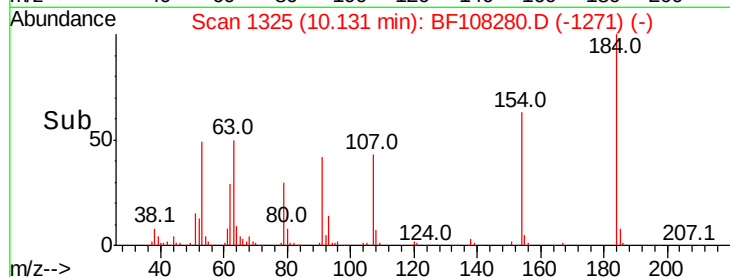
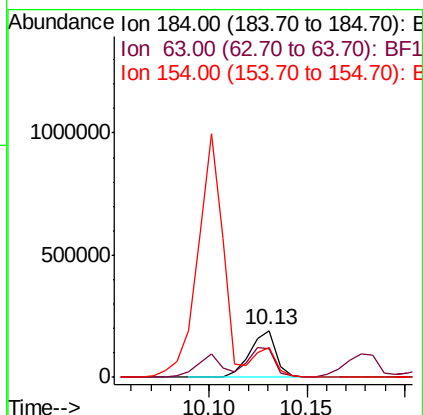
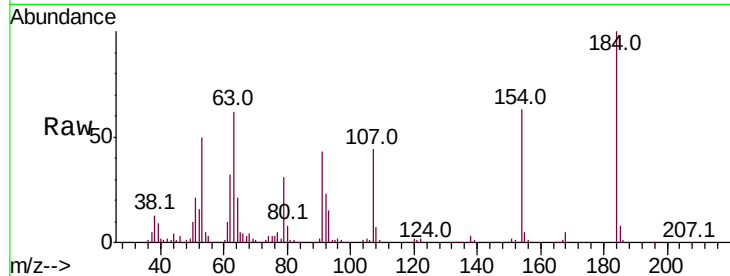
#53
2,4-Dinitrophenol
Concen: 95.916 ng
RT: 10.13 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	62.0	54.2	81.2	
154	63.2	184.0	276.0	

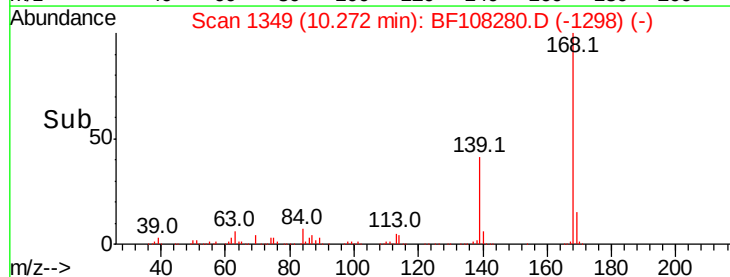
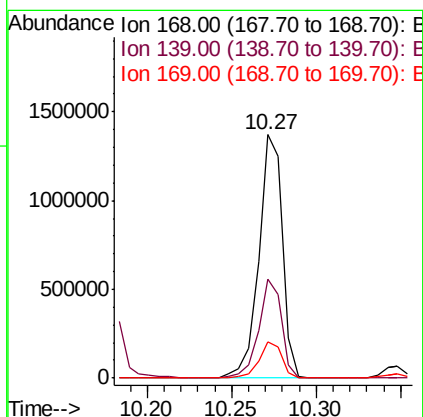
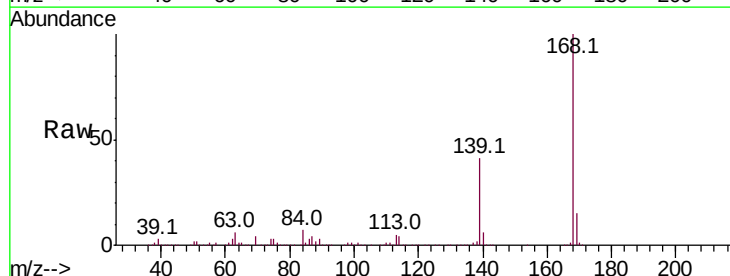
Manual Integrations
APPROVED

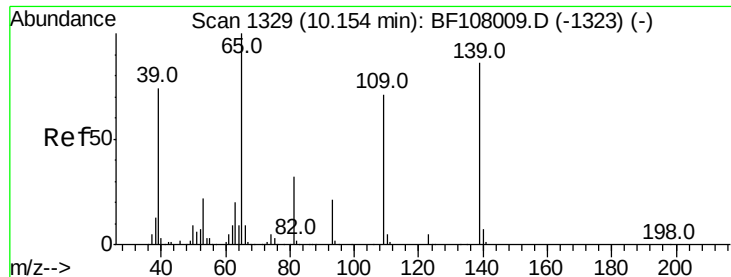
Sohil
8/21/2018 1:42:39 PM



#54
Dibenzofuran
Concen: 47.906 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.5	30.1	45.1	
169	14.8	10.9	16.3	





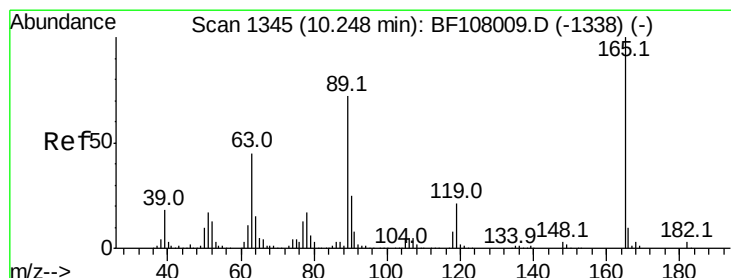
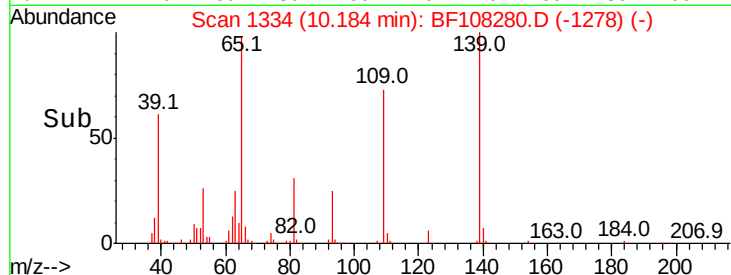
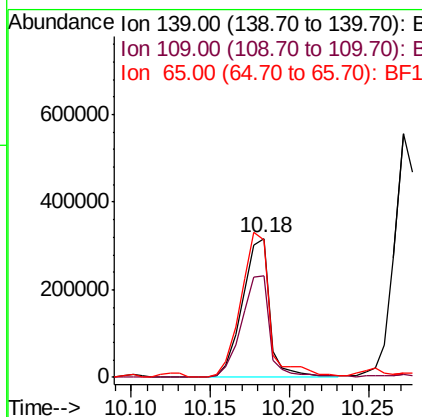
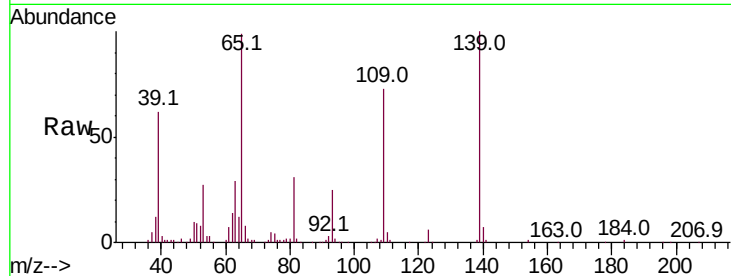
#55
4-Nitrophenol
Concen: 91.948 ng
RT: 10.18 min Scan# 1334
Delta R.T. 0.03 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.8	48.4	88.4
65	98.8	72.6	112.6

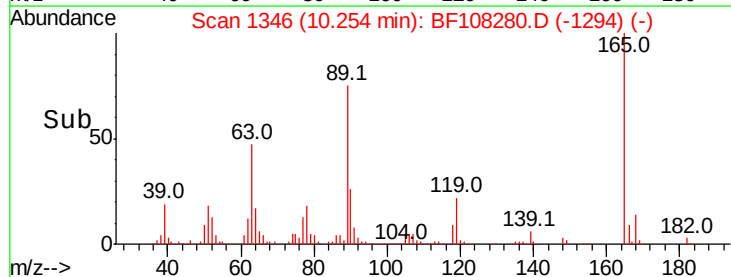
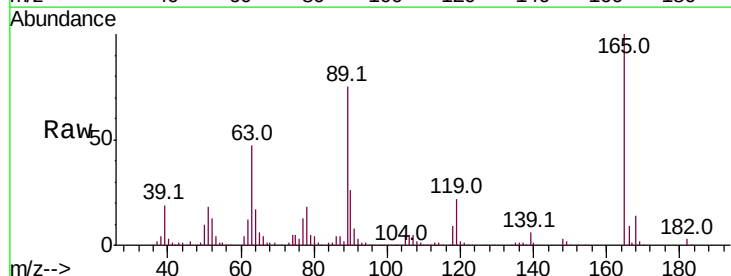
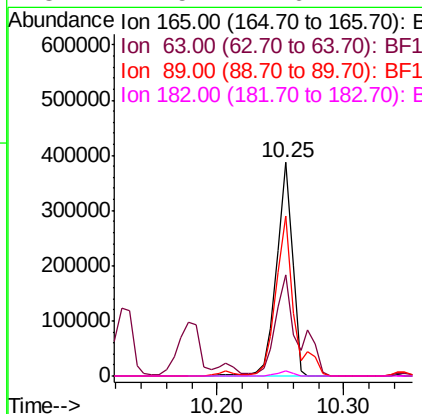
Manual Integrations
APPROVED

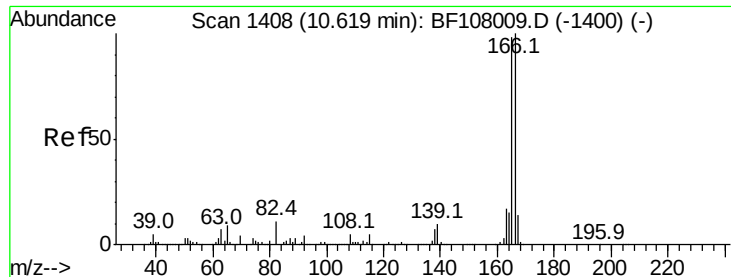
Sohil
8/21/2018 1:42:39 PM



#56
2,4-Dinitrotoluene
Concen: 52.622 ng
RT: 10.25 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	36.4	54.6
89	74.6	57.8	86.6
182	2.5	1.6	2.4#





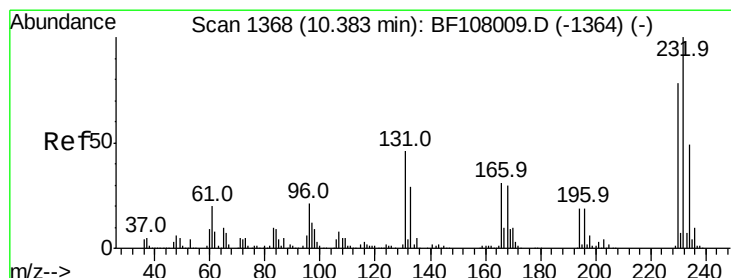
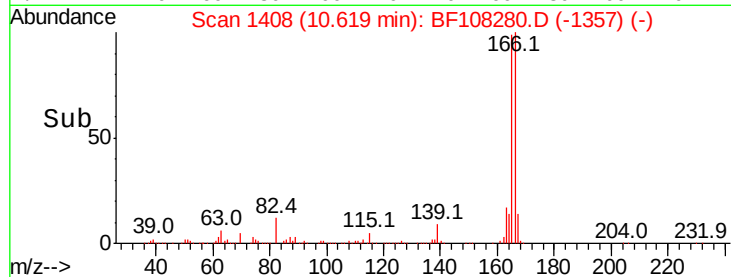
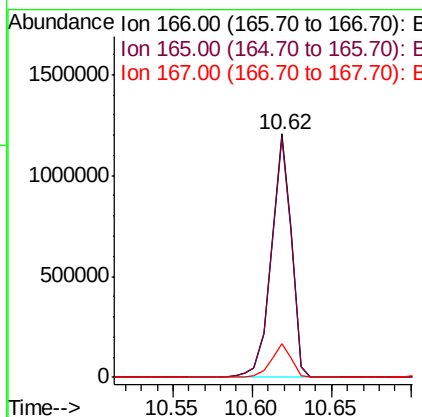
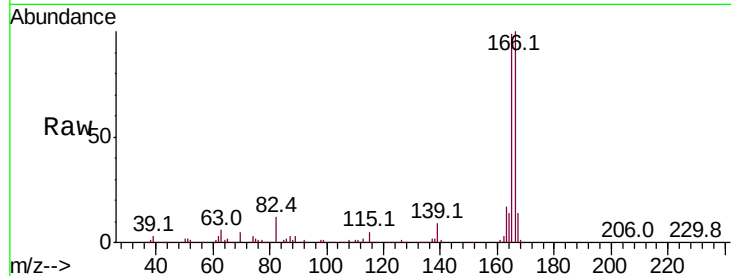
#57
 Fluorene
 Concen: 48.516 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.8	10.6	16.0

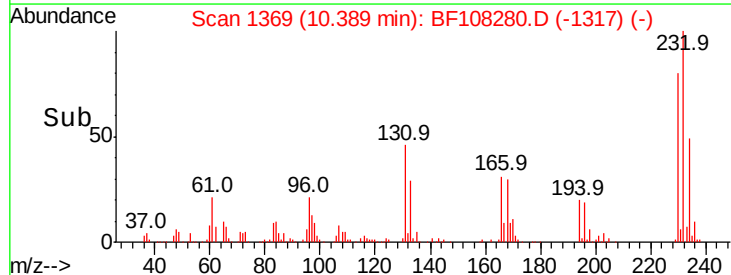
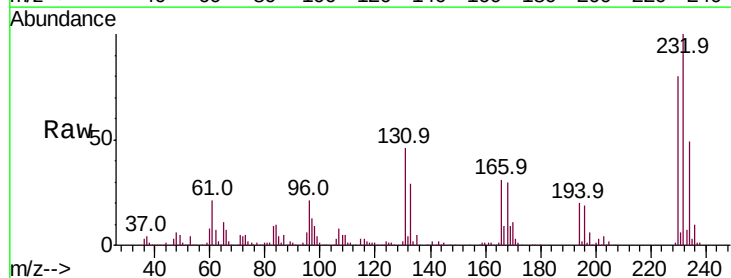
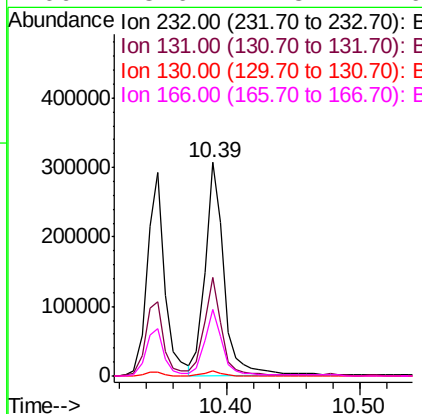
Manual Integrations
 APPROVED

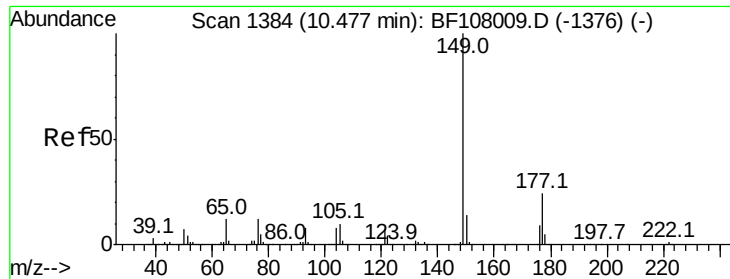
Sohil
 8/21/2018 1:42:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.539 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
232	100		
231	41.8	43.8	65.8#
130	2.2	2.1	3.1
166	28.6	27.8	41.6





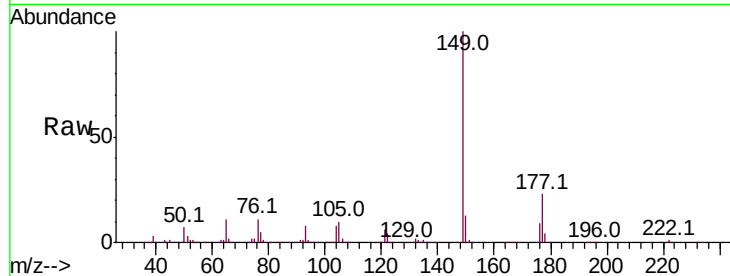
#59
 Diethylphthalate
 Concen: 47.174 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

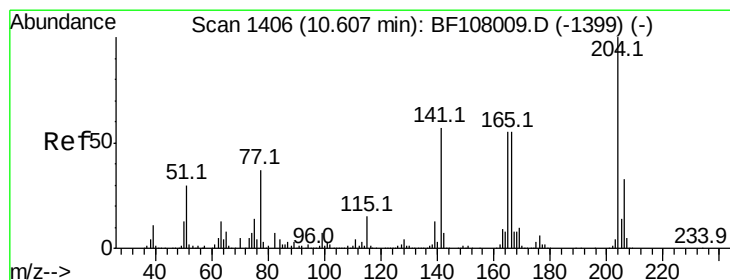
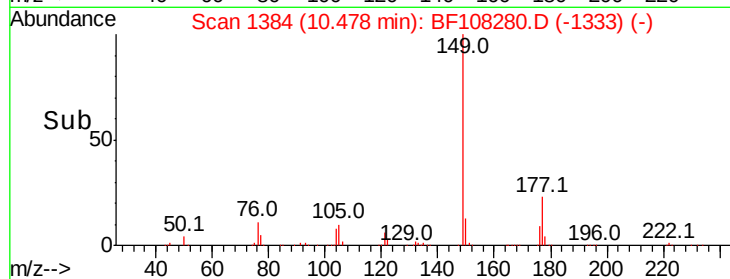
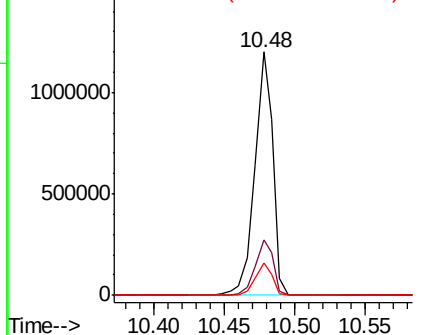
Tot Ion:	149	Resp:	1080666
Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	13.1	10.1	15.1

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:39 PM

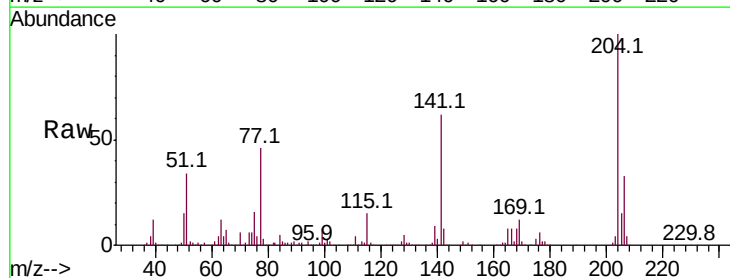


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

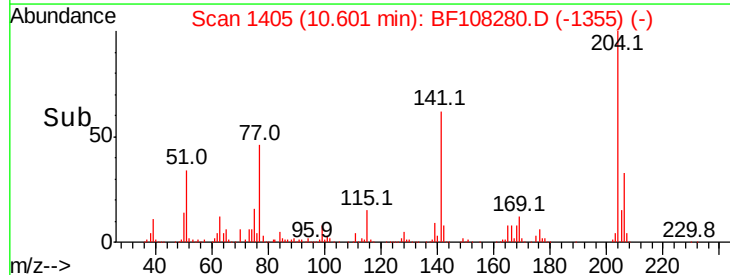
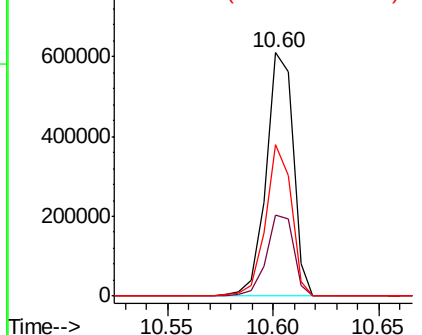


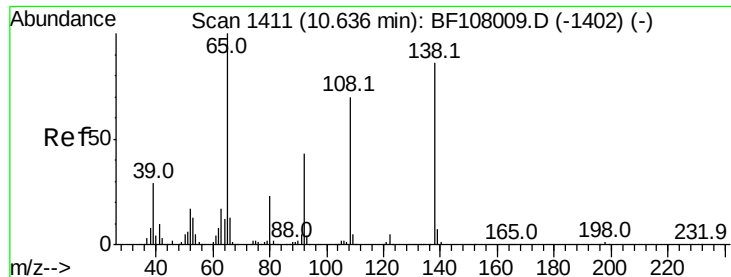
#60
 4-Chlorophenyl-phenylether
 Concen: 47.710 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion:	204	Resp:	546392
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	62.0	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E





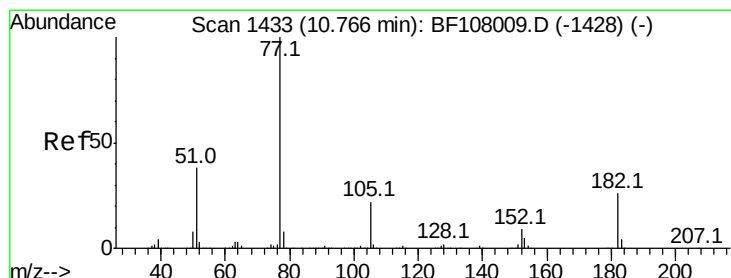
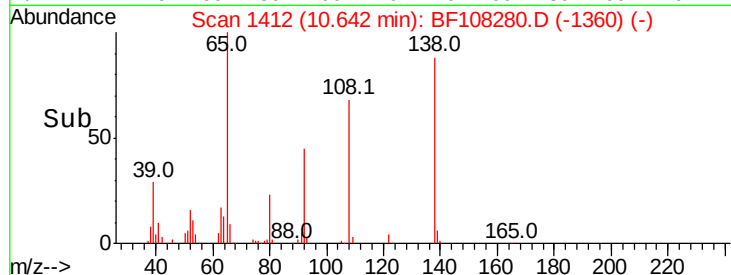
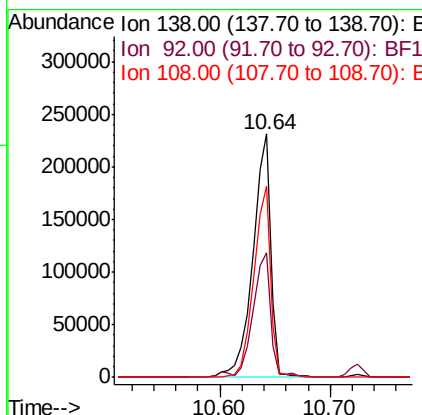
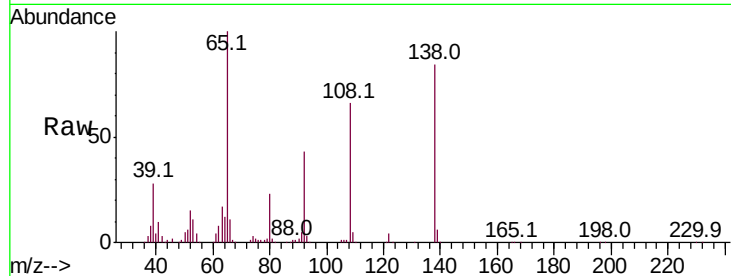
#61
4-Nitroaniline
Concen: 49.507 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.1	30.2	70.2
108	78.7	52.5	92.5

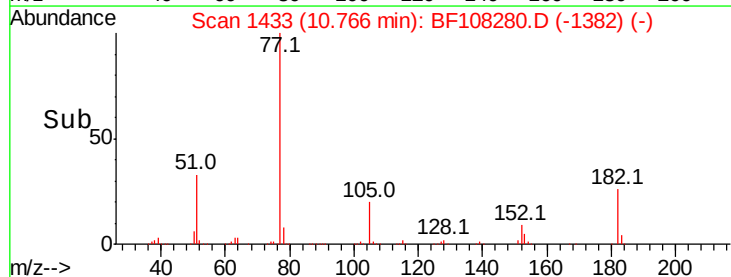
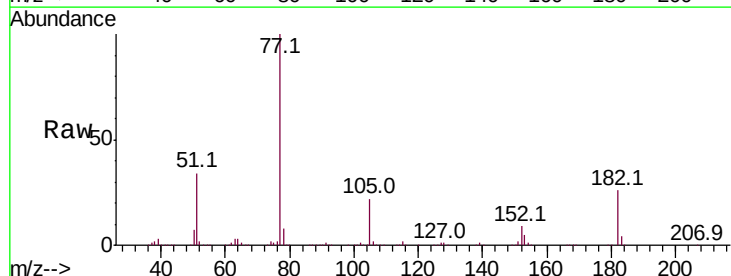
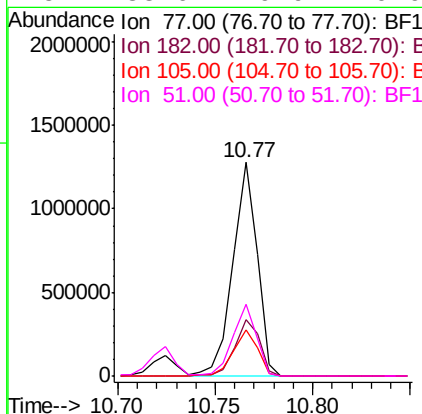
Manual Integrations
APPROVED

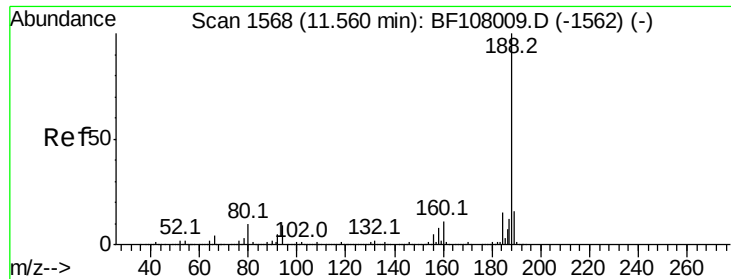
Sohil
8/21/2018 1:42:39 PM



#62
Azobenzene
Concen: 46.625 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	21.8	3.0	43.0
51	33.6	9.9	49.9





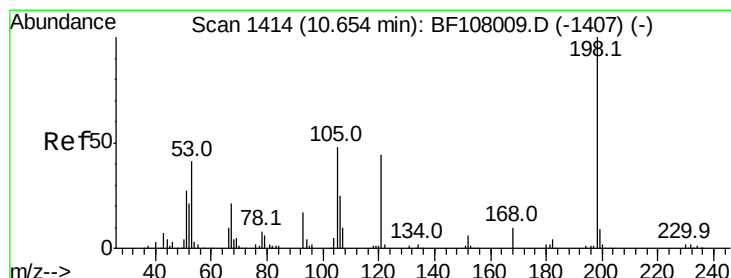
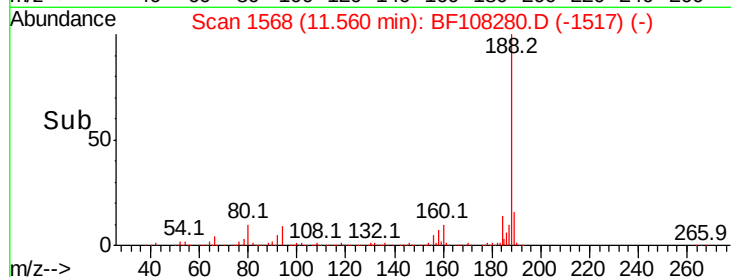
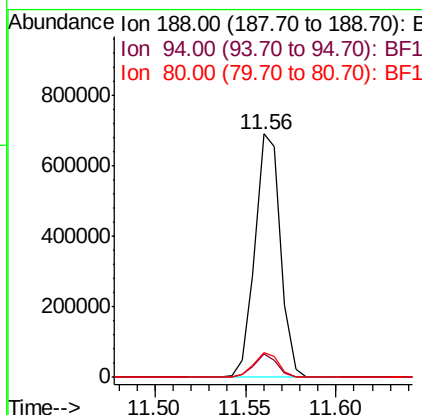
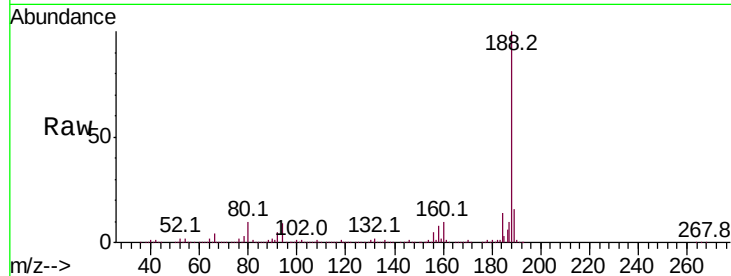
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	680254		
94	9.4		8.5	12.7
80	10.4		9.2	13.8

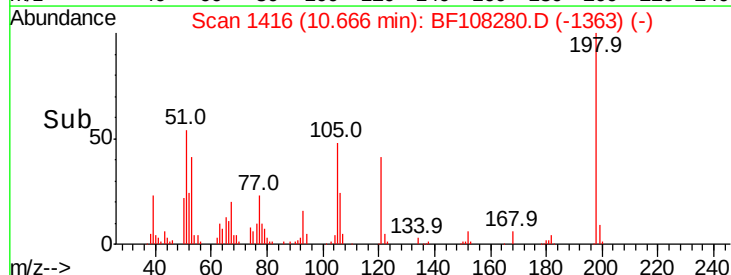
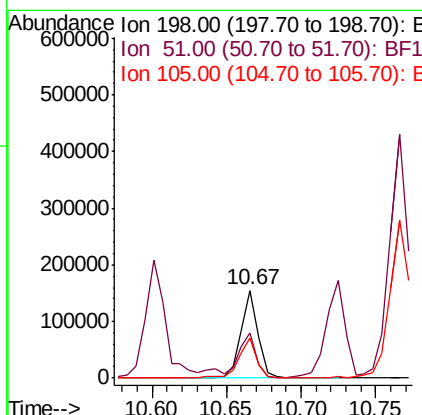
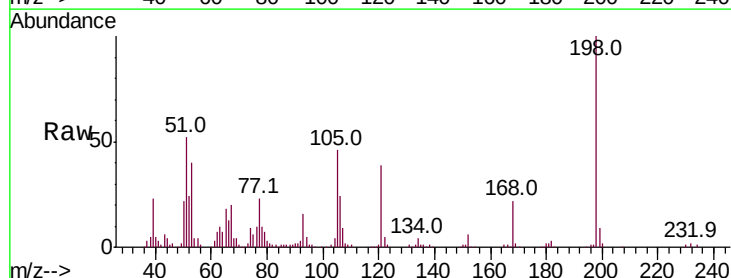
Manual Integrations
APPROVED

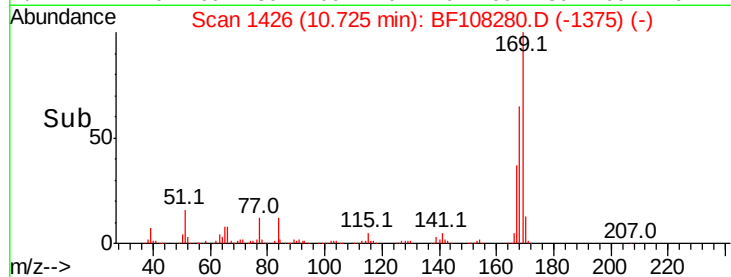
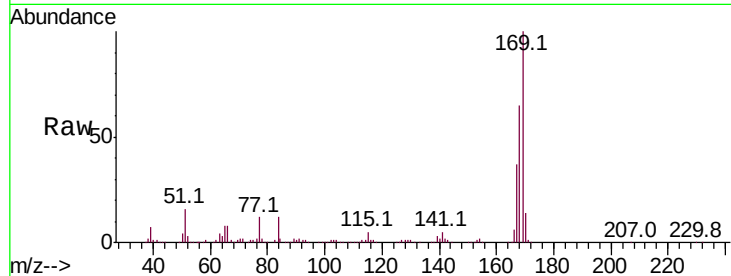
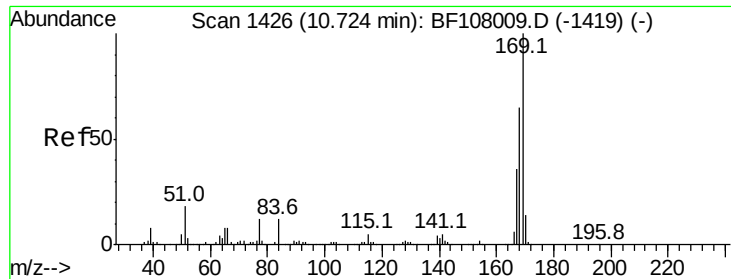
Sohil
8/21/2018 1:42:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.581 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	124257		
51	51.8		37.7	77.7
105	46.2		36.3	76.3





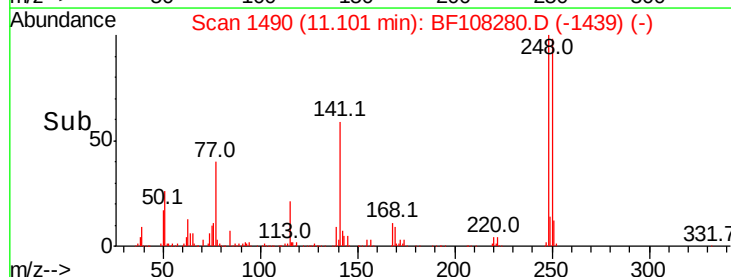
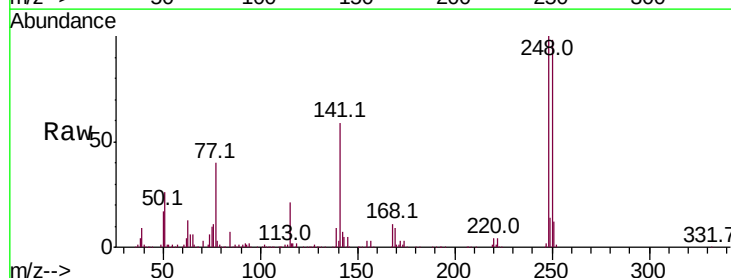
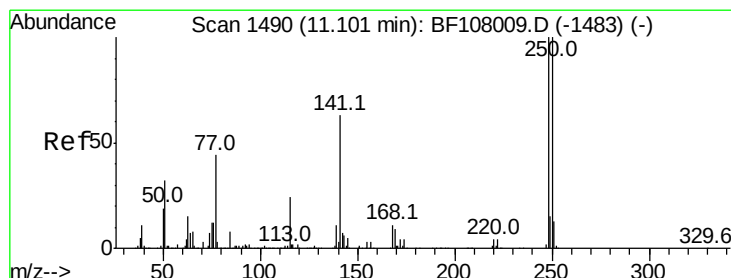
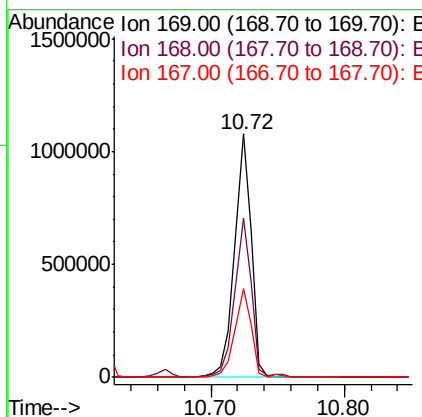
#65
n-Nitrosodiphenylamine
Concen: 47.683 ng
RT: 10.72 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampled :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.2	54.4	81.6	
167	36.6	29.8	44.6	

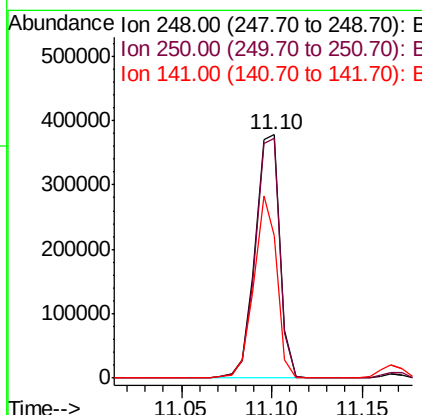
Manual Integrations
APPROVED

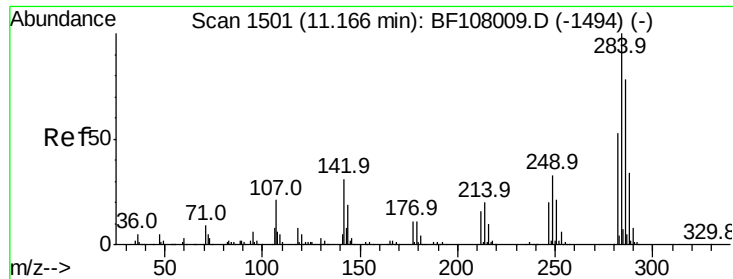
Sohil
8/21/2018 1:42:39 PM



#66
4-Bromophenyl-phenylether
Concen: 48.692 ng
RT: 11.10 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.3	76.9	115.3	
141	58.7	74.4	111.6	





#67

Hexachlorobenzene

Concen: 47.938 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

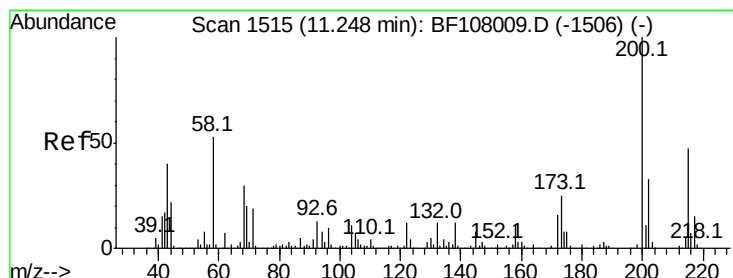
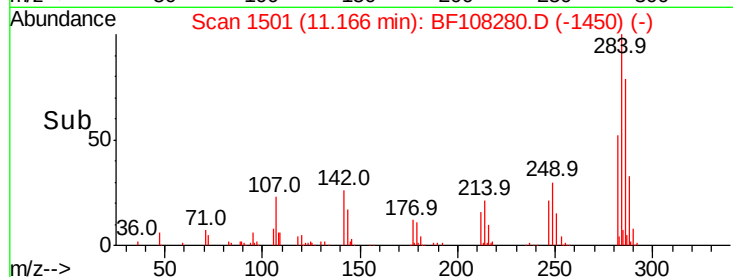
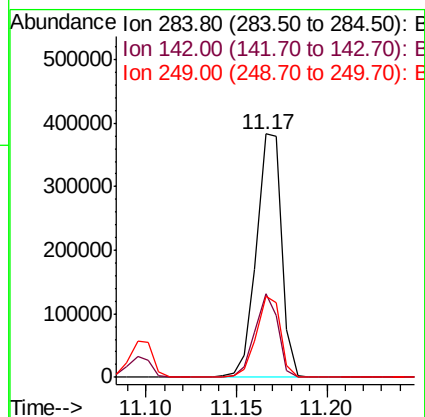
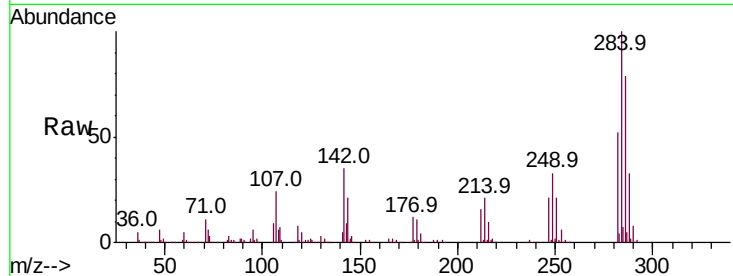
ClientSampled :

PB112114BS

Tot Ion:	284	Resp:	372868
Ion Ratio	Lower	Upper	
284	100		
142	34.6	34.6	52.0#
249	33.3	24.8	37.2

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



#68

Atrazine

Concen: 48.752 ng

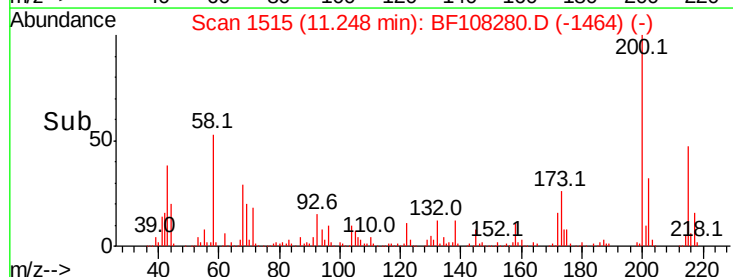
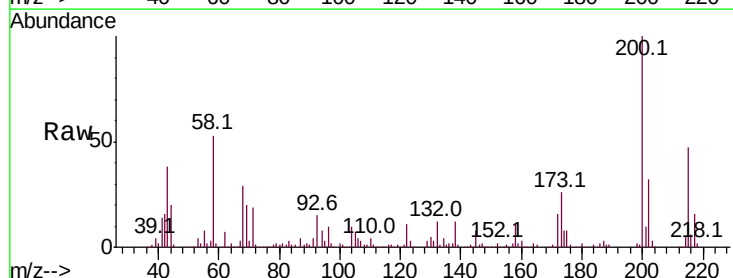
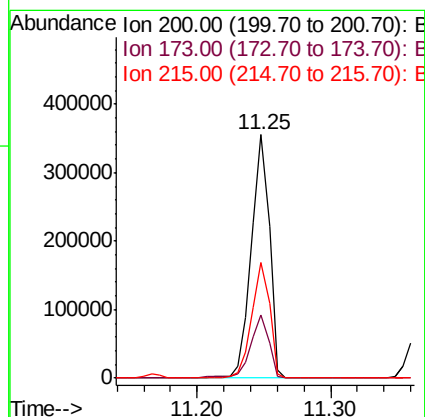
RT: 11.25 min Scan# 1515

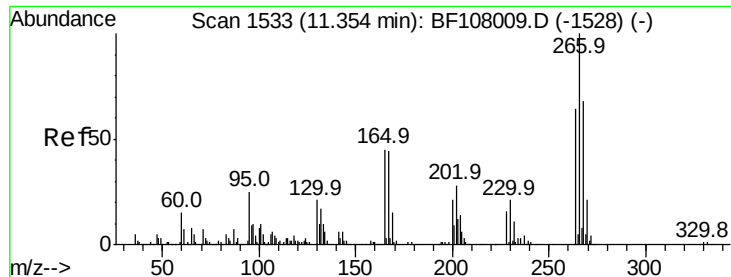
Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:	200	Resp:	328707
Ion Ratio	Lower	Upper	
200	100		
173	26.1	8.6	48.6
215	47.4	25.1	65.1





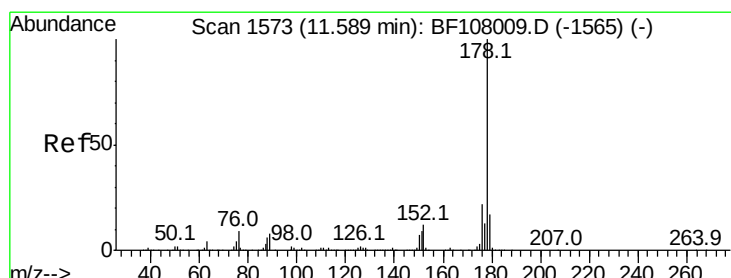
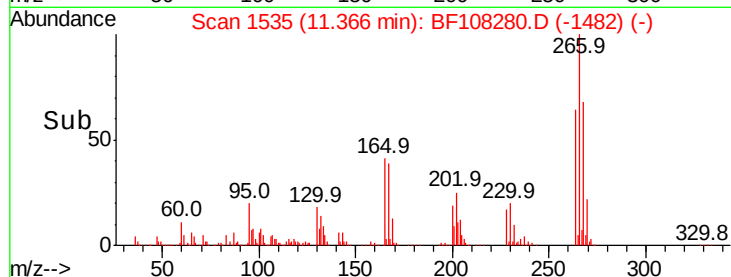
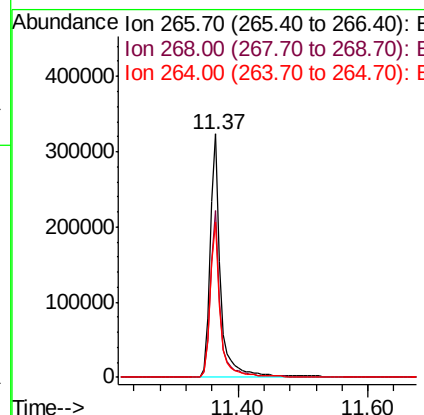
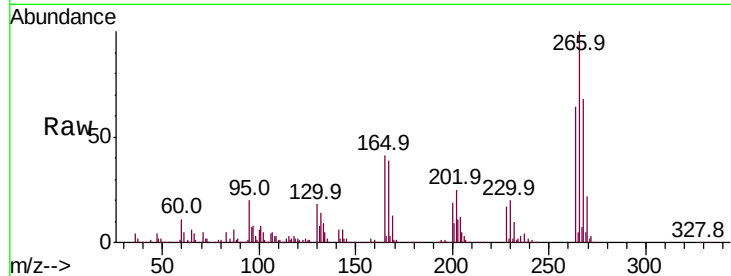
#69
 Pentachlorophenol
 Concen: 96.463 ng
 RT: 11.37 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	359125		
268	68.4	51.1	76.7	
264	64.0	49.5	74.3	

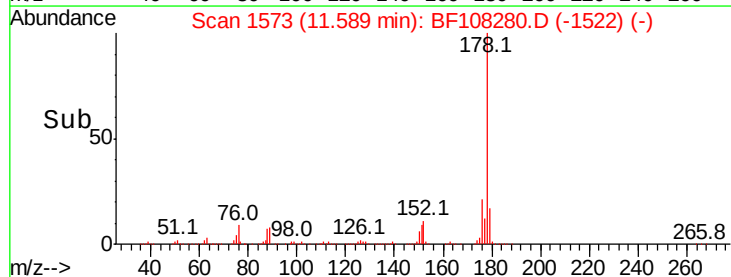
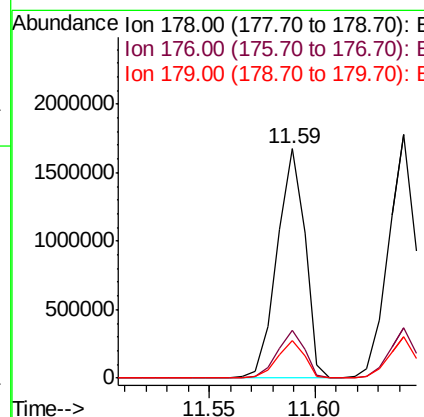
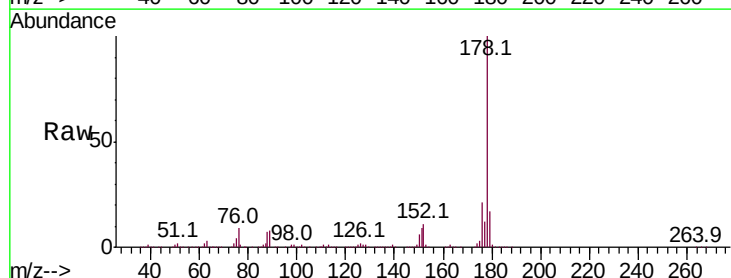
Manual Integrations
 APPROVED

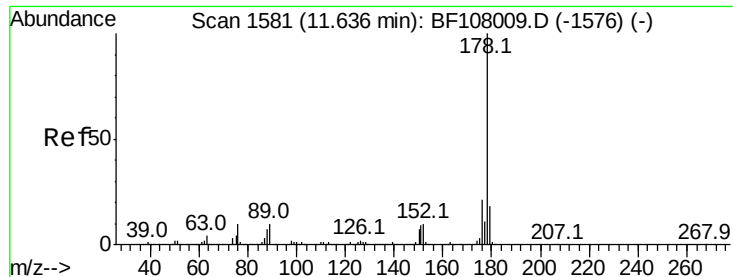
Sohil
 8/21/2018 1:42:39 PM



#70
 Phenanthrene
 Concen: 48.025 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1540905		
176	20.6	15.8	23.8	
179	16.6	13.0	19.6	





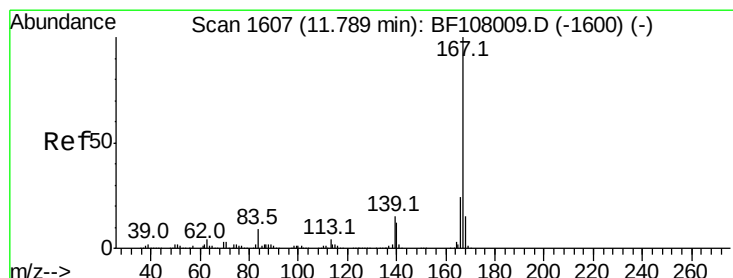
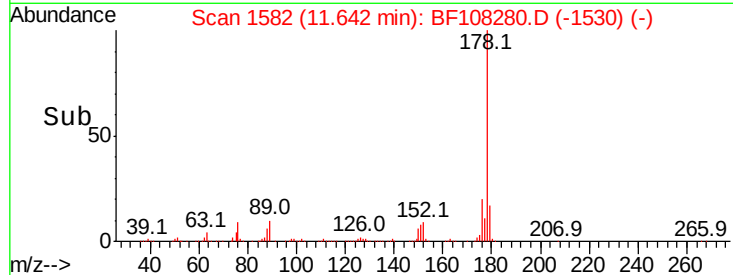
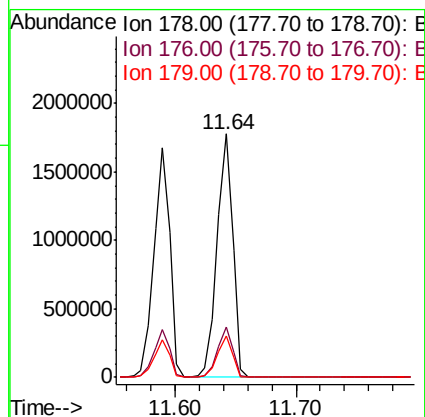
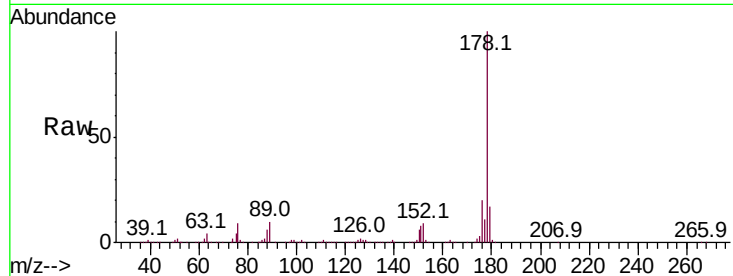
#71
 Anthracene
 Concen: 47.892 ng
 RT: 11.64 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.4	23.2
179	16.8	12.6	19.0

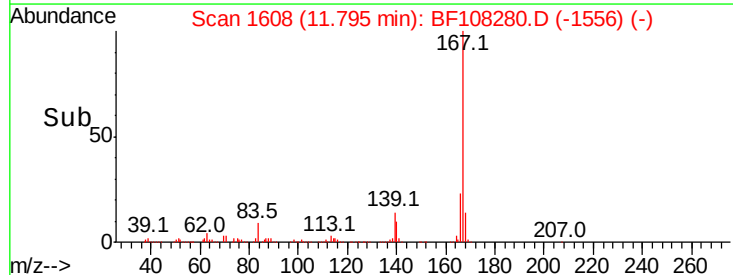
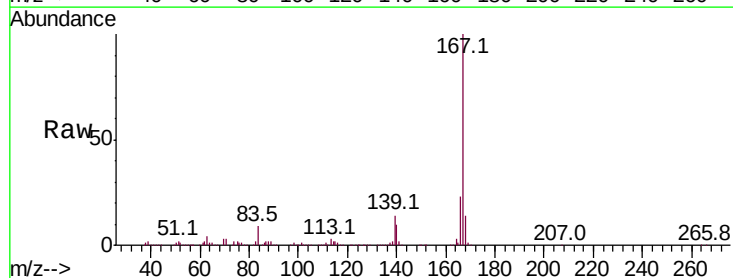
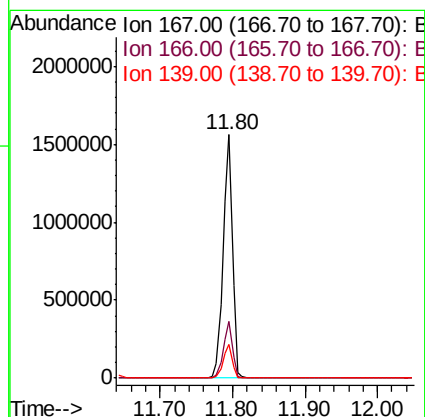
Manual Integrations
 APPROVED

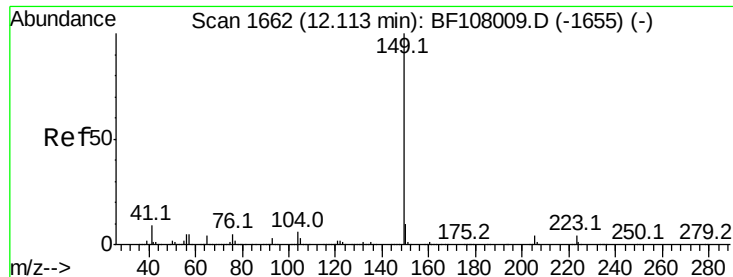
Sohil
 8/21/2018 1:42:39 PM



#72
 Carbazole
 Concen: 47.605 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	13.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 49.385 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

ClientSampled :

PB112114BS

Tot Ion:149 Resp: 1634343

Ion Ratio Lower Upper

149 100

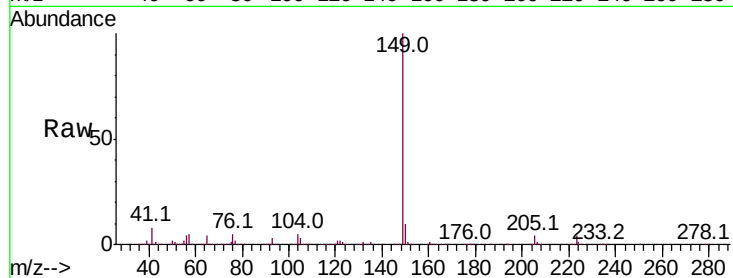
150 10.1 7.8 11.6

104 5.5 3.8 5.8

Manual Integrations
APPROVED

Sohil

8/21/2018 1:42:39 PM

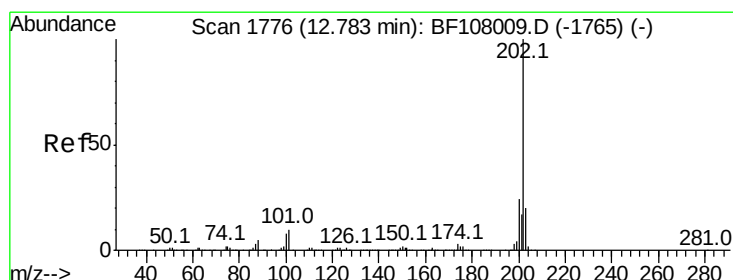
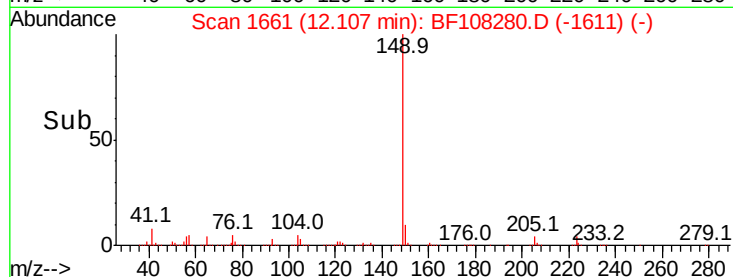
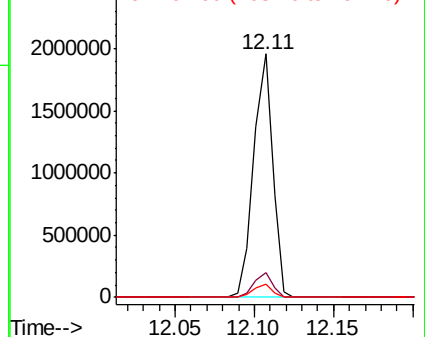


Abundance

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: 47.303 ng

RT: 12.78 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

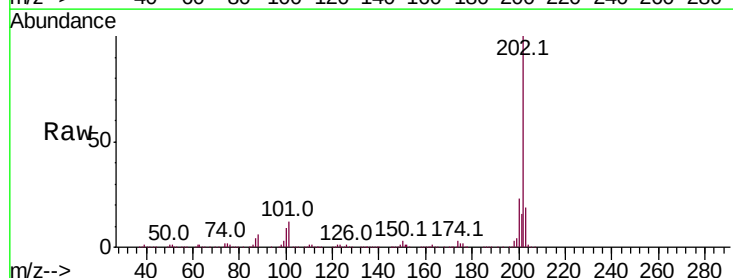
Tgt Ion:202 Resp: 1656404

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.1

203 19.1 0.0 38.1

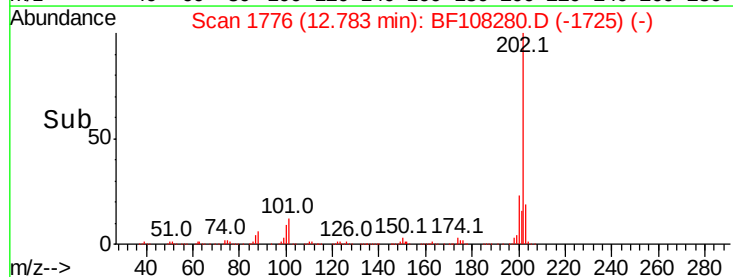
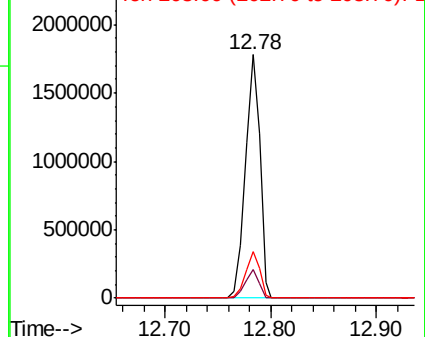


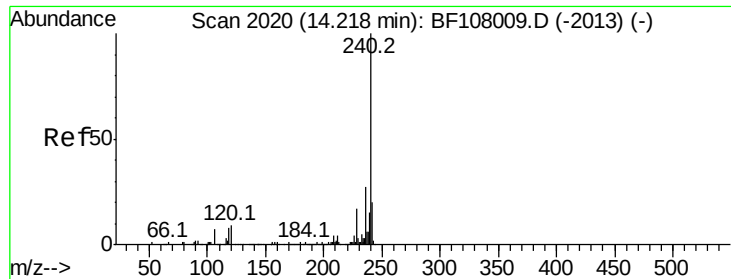
Abundance

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: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :

BNA_F

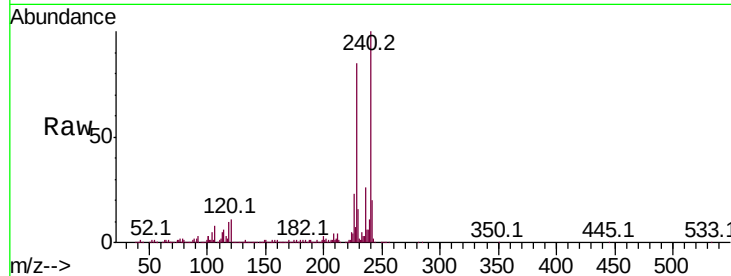
ClientSampleId :

PB112114BS

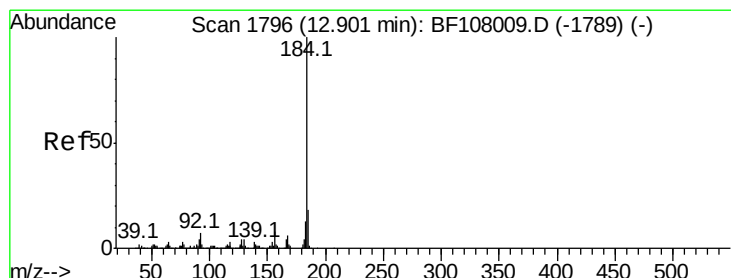
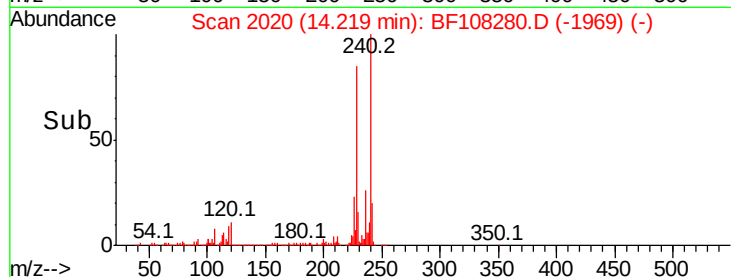
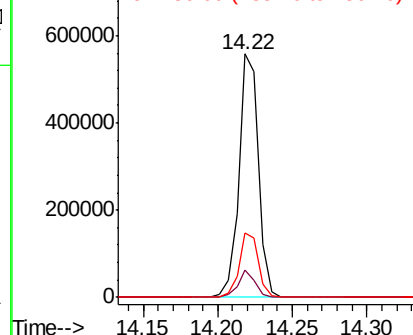
Tot Ion:	240	Resp:	512778
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 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: 41.427 ng

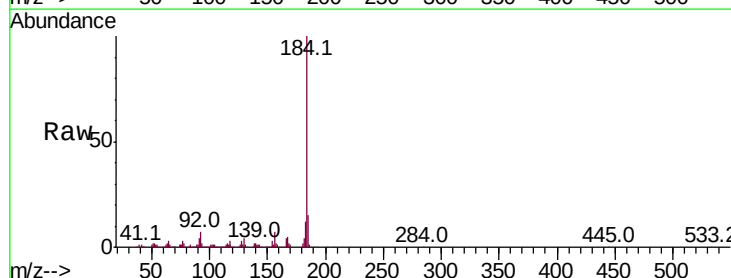
RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

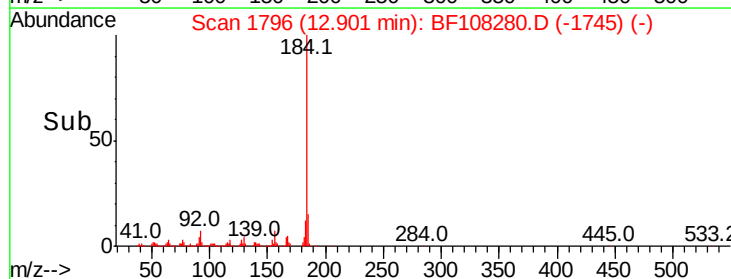
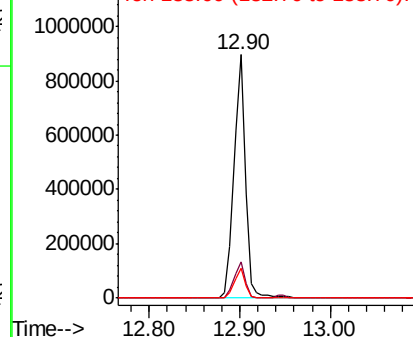
Lab File: BF108280.D

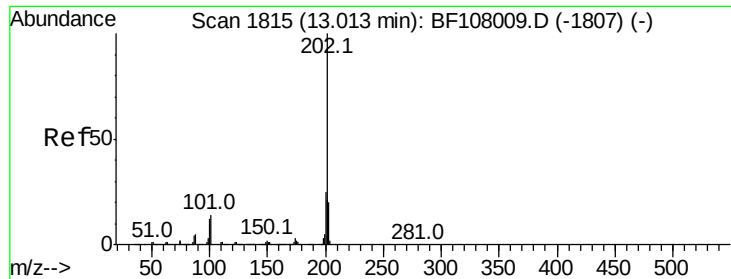
Acq: 20 Aug 2018 10:51

Tgt Ion:	184	Resp:	793682
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.1	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





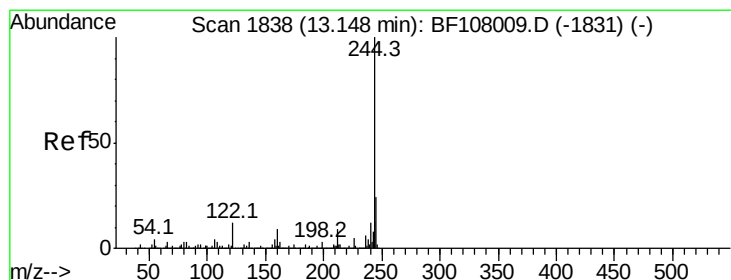
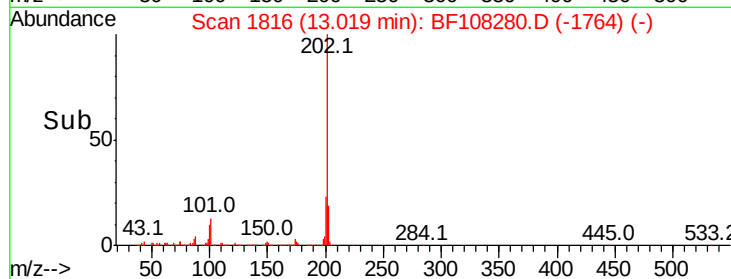
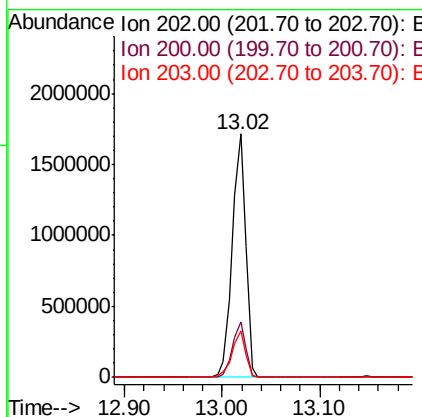
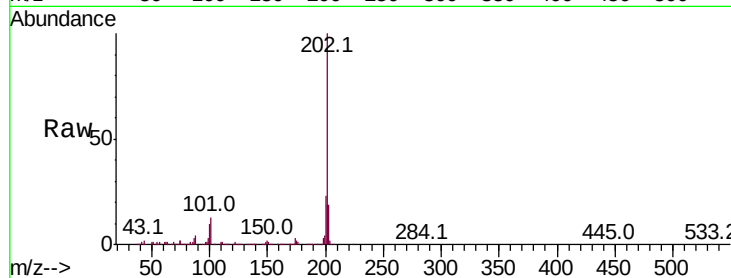
#77
Pvrene
Concen: 50.832 ng
RT: 13.02 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.4	26.2
203	19.2	14.3	21.5

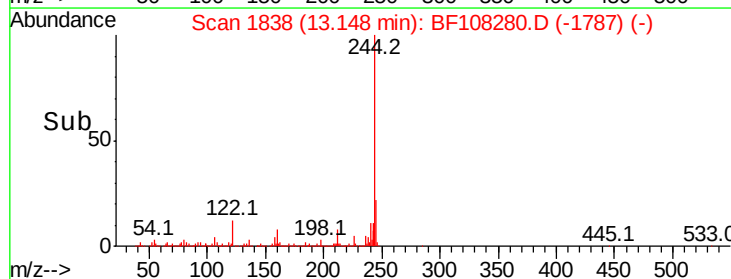
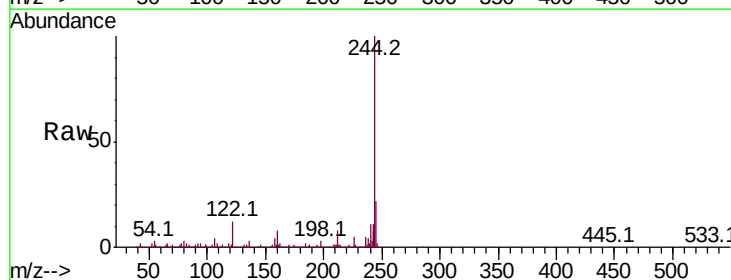
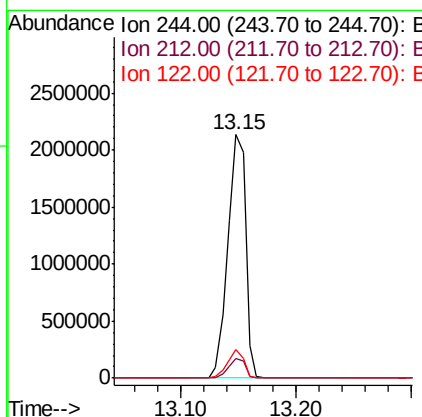
Manual Integrations
APPROVED

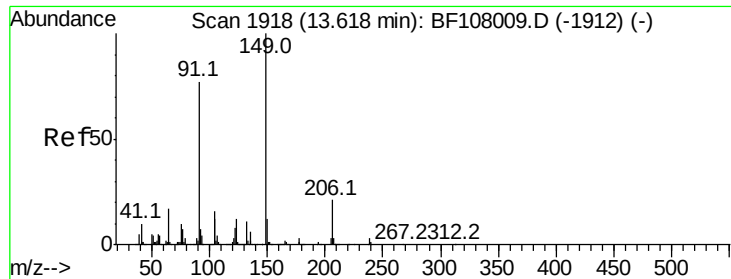
Sohil
8/21/2018 1:42:39 PM



#78
Terphenyl-d14
Concen: 113.167 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	11.8	11.0	16.4





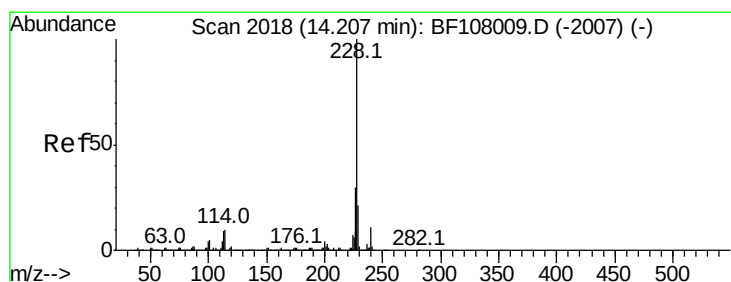
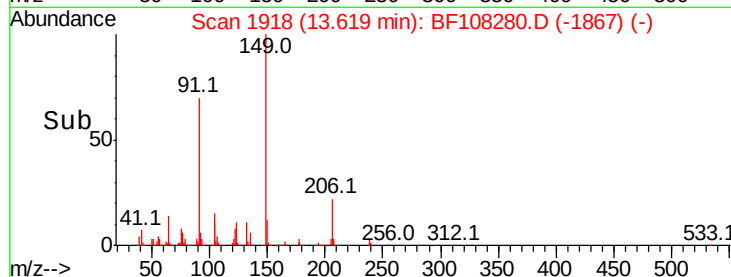
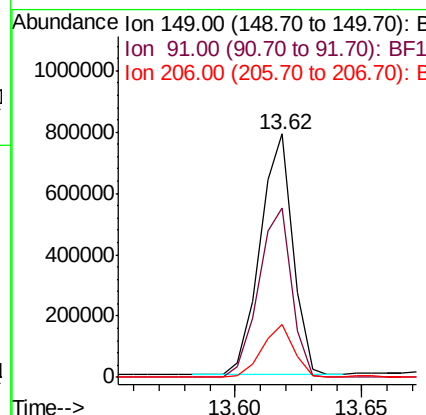
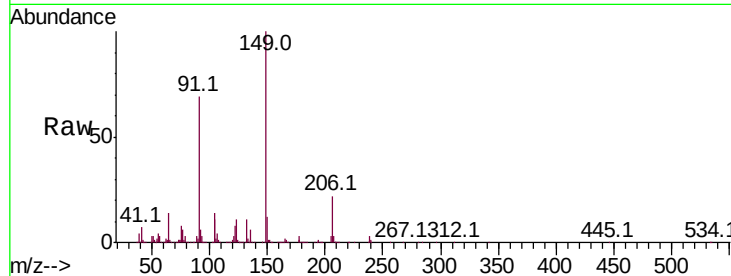
#79
Butylbenzylphthalate
Concen: 54.585 ng
RT: 13.62 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampled :
PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	69.5	56.8	85.2	
206	21.5	14.1	21.1	

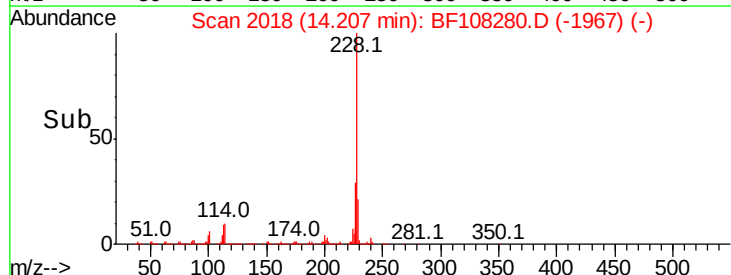
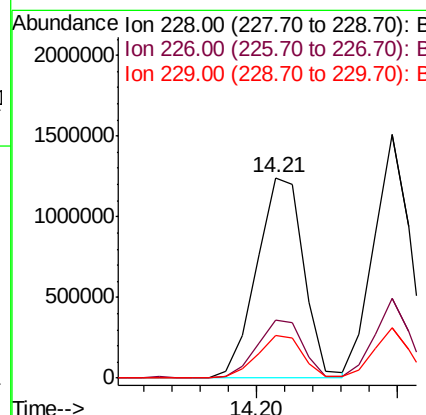
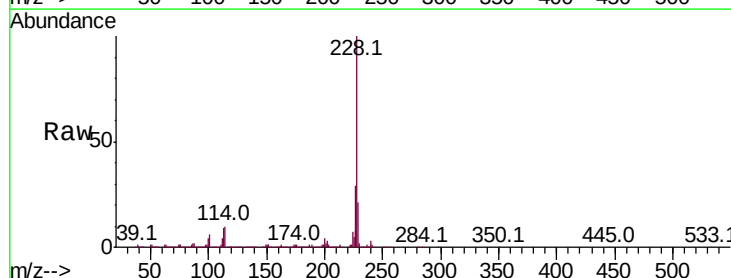
Manual Integrations
APPROVED

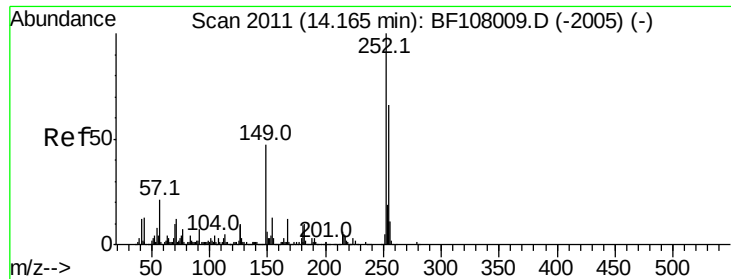
Sohil
8/21/2018 1:42:39 PM



#80
Benzo(a)anthracene
Concen: 48.812 ng
RT: 14.21 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.7	22.6	33.8	
229	21.0	15.8	23.6	





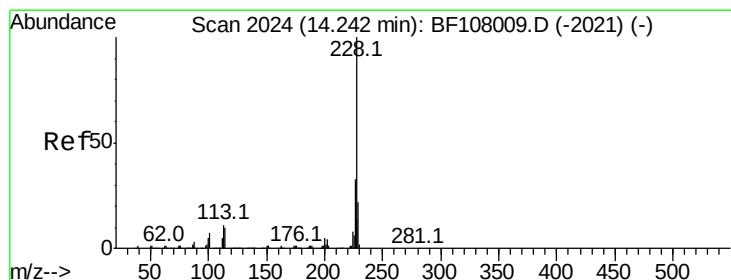
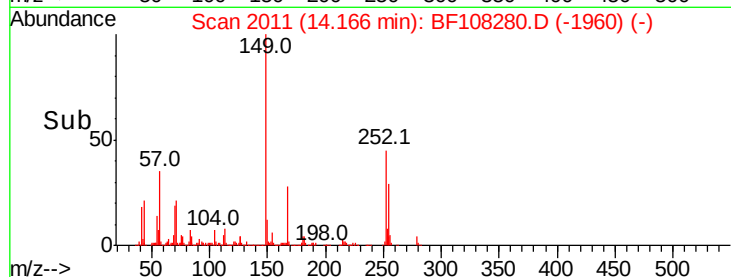
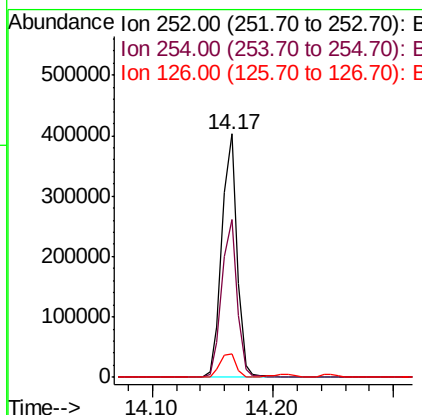
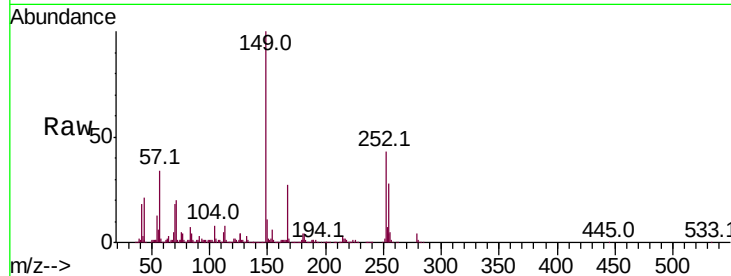
#81
 3,3'-Dichlorobenzidine
 Concen: 33.315 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampled :
 PB112114BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.8	50.4	75.6	
126	9.5	11.3	16.9	

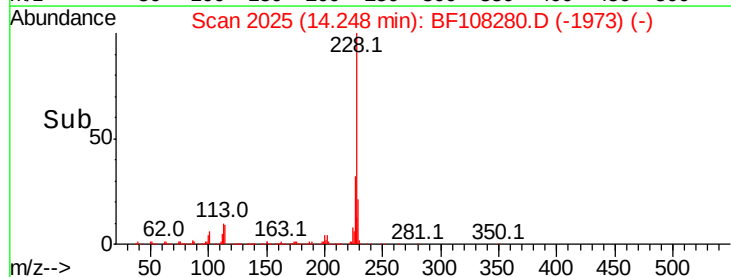
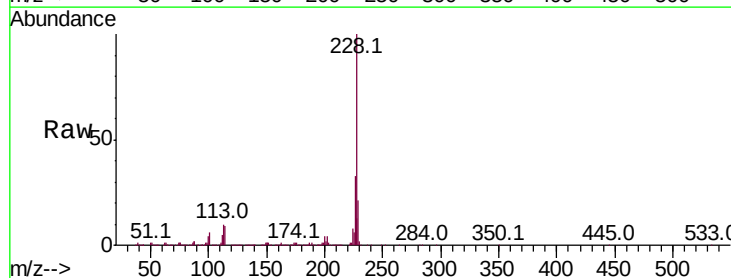
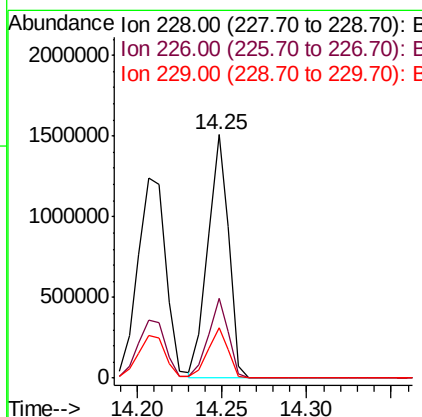
Manual Integrations
 APPROVED

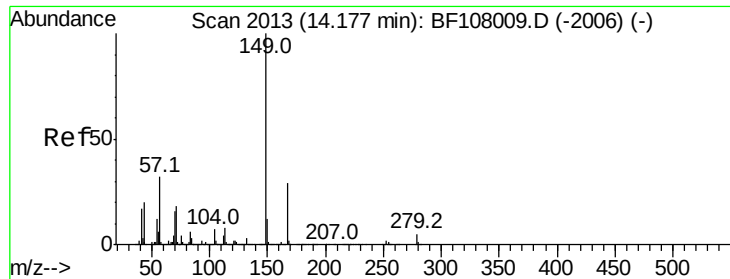
Sohil
 8/21/2018 1:42:39 PM



#82
 Chrysene
 Concen: 48.496 ng
 RT: 14.25 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.5	25.0	37.6	
229	20.9	16.2	24.4	





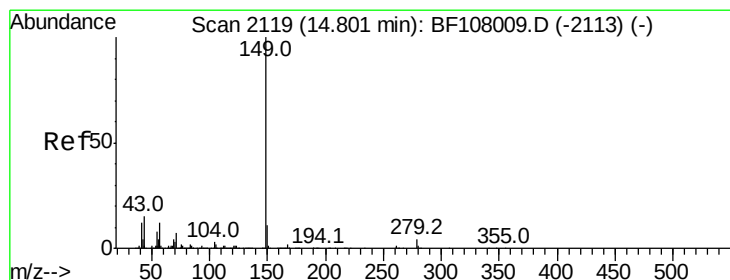
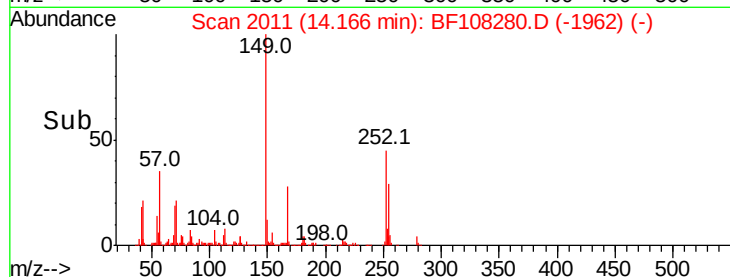
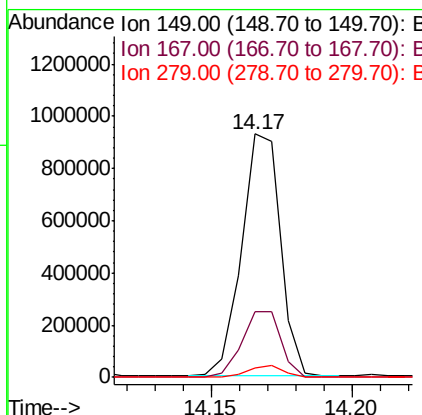
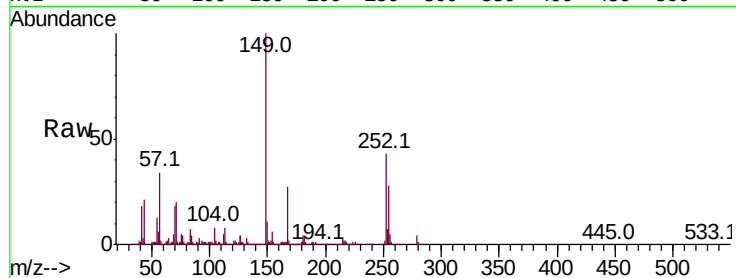
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.584 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.8	3.0	4.4

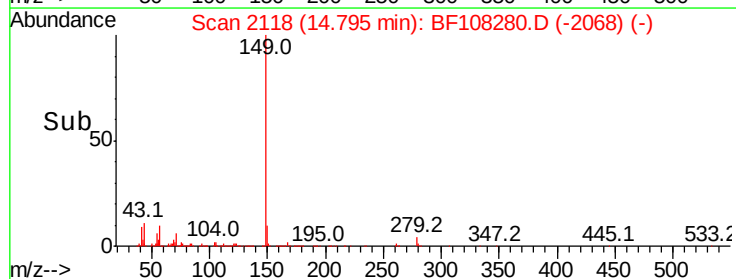
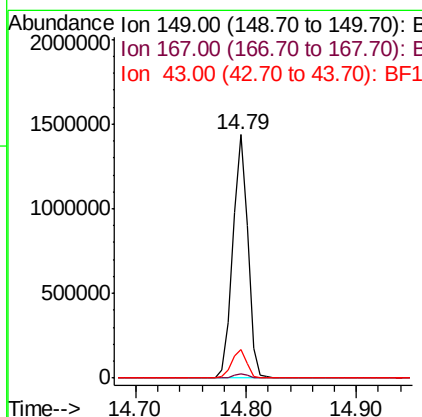
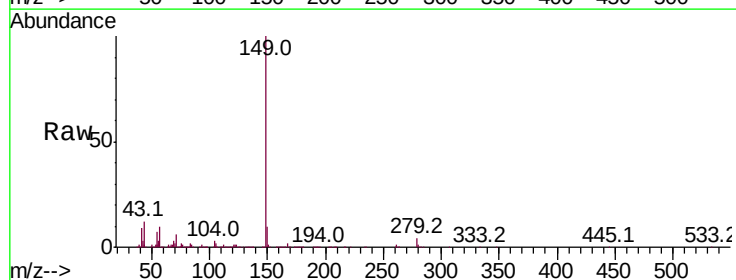
Manual Integrations
 APPROVED

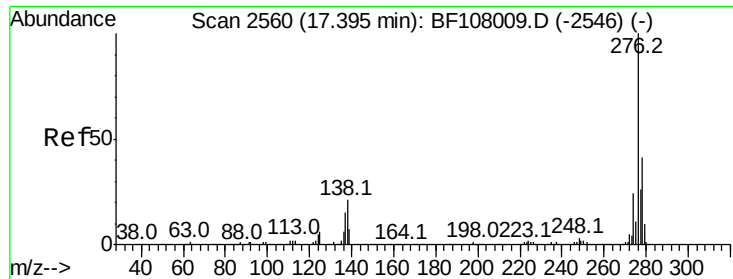
Sohil
 8/21/2018 1:42:39 PM



#84
 Di-n-octyl phthalate
 Concen: 51.642 ng
 RT: 14.79 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	8.4	12.6





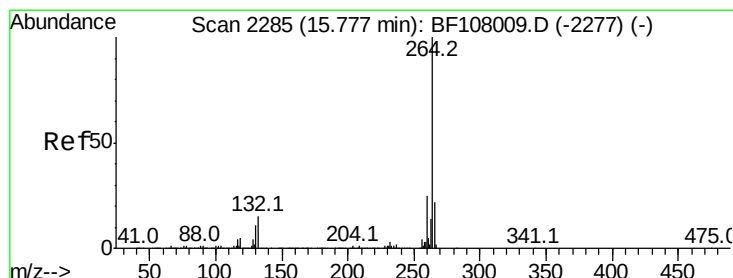
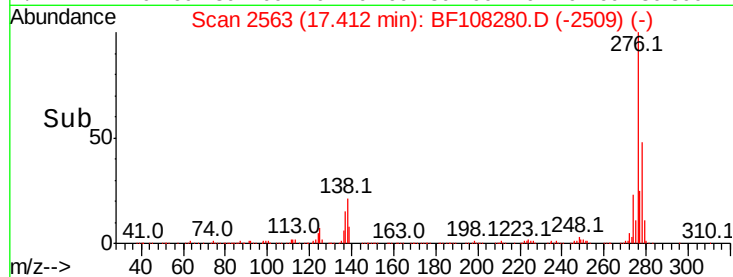
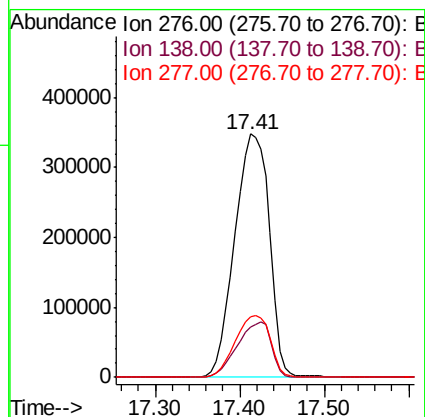
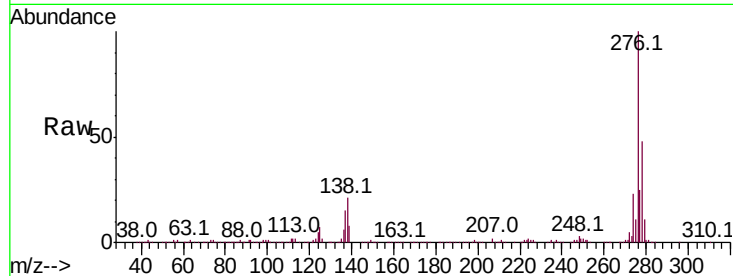
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.454 ng
 RT: 17.41 min Scan# 2563
 Delta R.T. 0.02 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	25.8	20.1	30.1

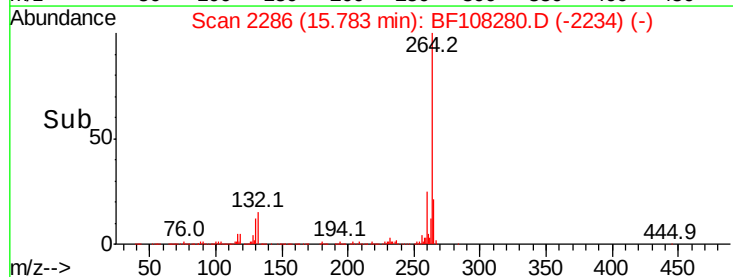
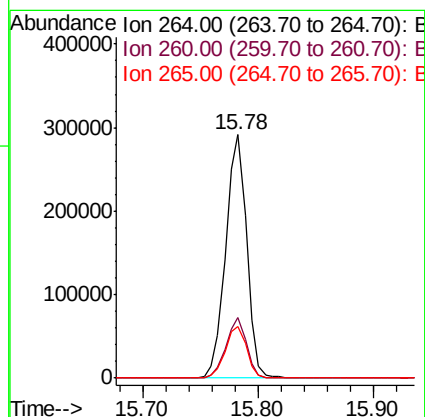
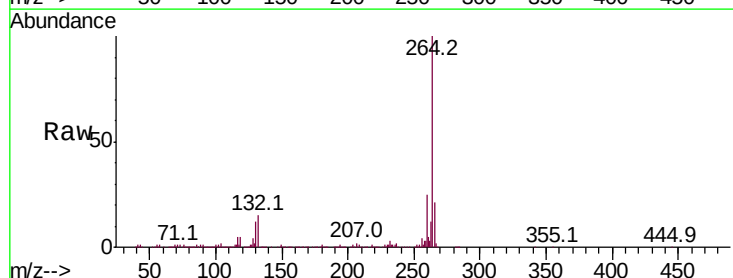
Manual Integrations
 APPROVED

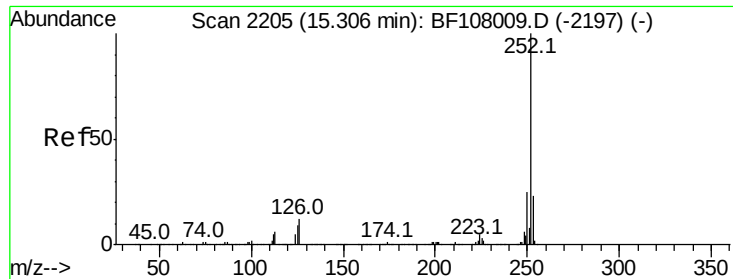
Sohil
 8/21/2018 1:42:39 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.78 min Scan# 2286
 Delta R.T. 0.01 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

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





#87

Benzo(b)fluoranthene

Concen: 52.140 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Instrument :
BNA_F

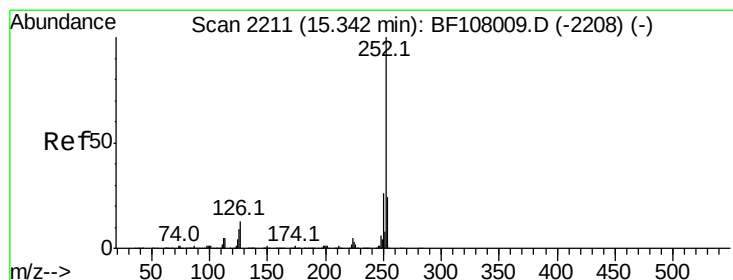
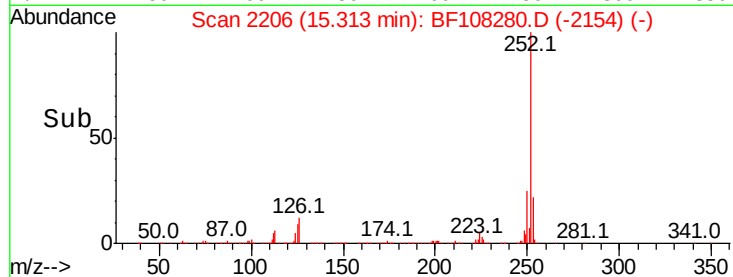
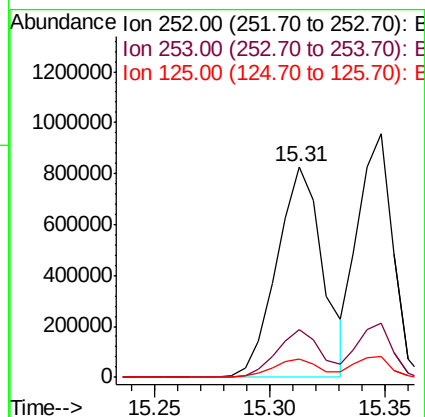
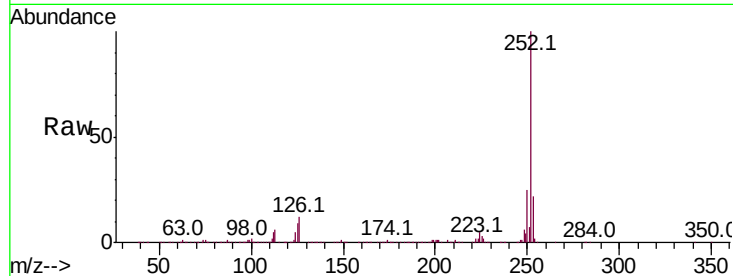
ClientSampleId :
PB112114BS

Tot Ion:252 Resp: 1145506

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.0	9.0	13.6#

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM



#88

Benzo(k)fluoranthene

Concen: 49.851 ng

RT: 15.35 min Scan# 2212

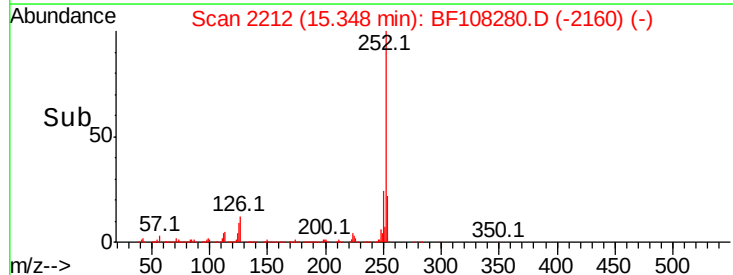
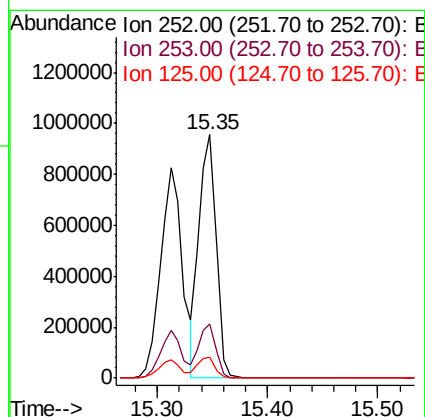
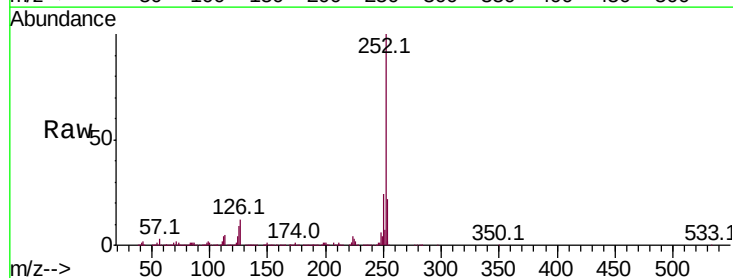
Delta R.T. 0.01 min

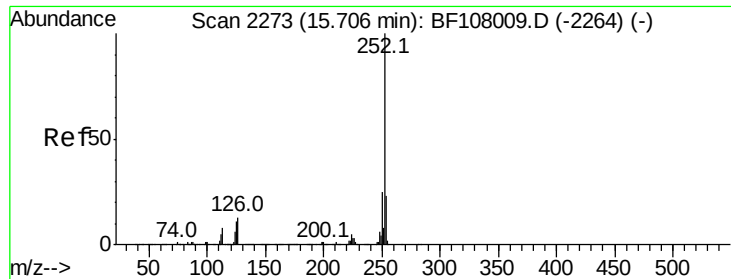
Lab File: BF108280.D

Acq: 20 Aug 2018 10:51

Tgt Ion:252 Resp: 1006757

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.7	10.2	15.2#





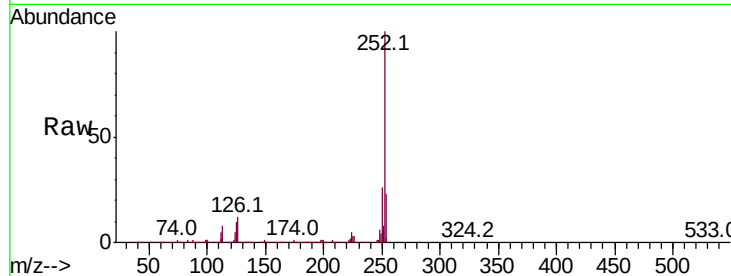
#89
Benzo(a)pyrene
Concen: 49.947 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Instrument :
BNA_F
ClientSampleId :
PB112114BS

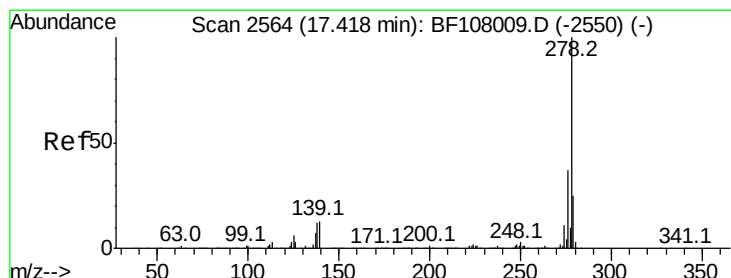
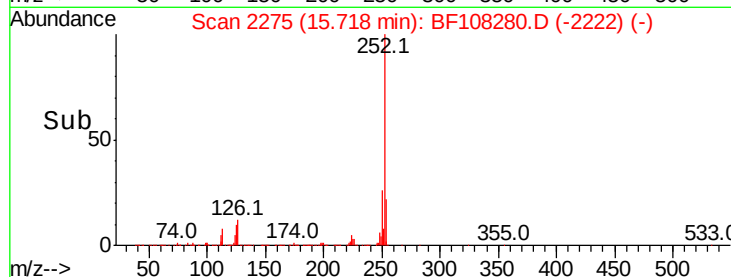
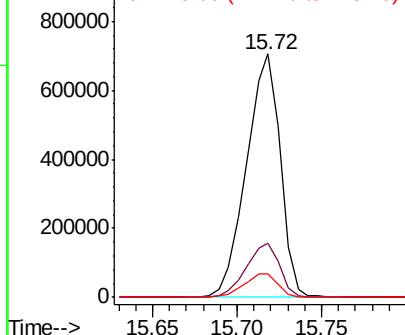
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.8	9.8	14.6

Manual Integrations
APPROVED

Sohil
8/21/2018 1:42:39 PM

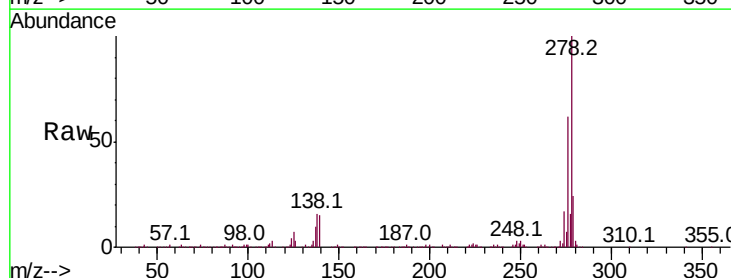


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

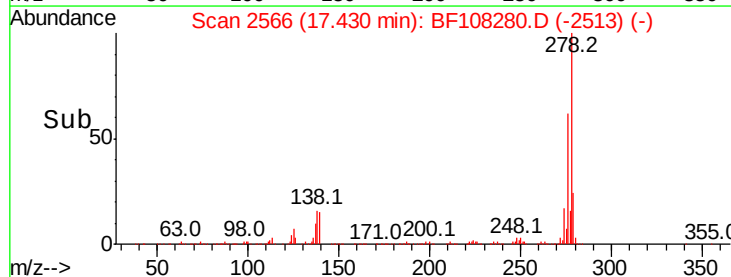
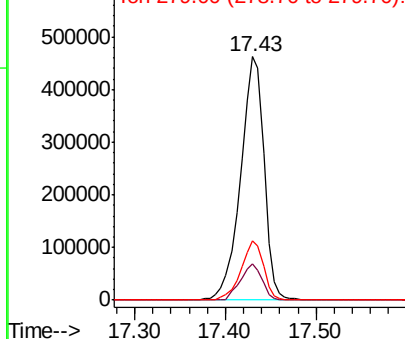


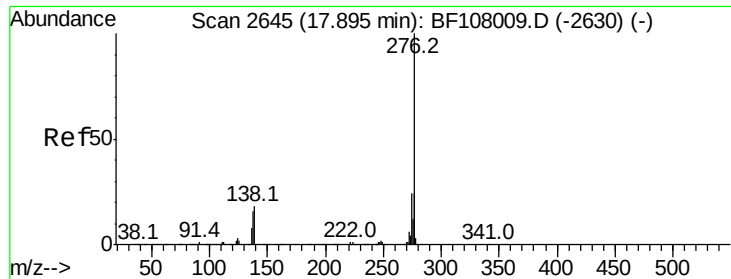
#90
Dibenzo(a,h)anthracene
Concen: 50.954 ng
RT: 17.43 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF108280.D
Acq: 20 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	15.9	23.9#
279	24.3	19.0	28.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 52.519 ng
 RT: 17.91 min Scan# 2648
 Delta R.T. 0.02 min
 Lab File: BF108280.D
 Acq: 20 Aug 2018 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB112114BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	19.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:42:39 PM

