

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102432.D
 Acq On : 25 Jan 2018 19:17
 Operator : SJ/JU
 Sample : PB106012BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:28 AM

Quant Time: Jan 26 00:36:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115405	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	481901	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224149	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	392634	20.00	ng	0.00
75) Chrysene-d12	13.88	240	284313	20.00	ng	0.00
86) Perylene-d12	15.30	264	231278	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	921608	121.09	ng	0.01
7) Phenol-d6	6.36	99	1097227	119.58	ng	0.00
23) Nitrobenzene-d5	7.29	82	691859	82.50	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	238925	107.58	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1276737	83.75	ng	0.00
78) Terphenyl-d14	12.83	244	1167880	92.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	131825	36.453	ng	96
3) Pyridine	3.15	79	371510	39.311	ng	96
4) n-Nitrosodimethylamine	3.10	42	179041	48.325	ng	93
6) Aniline	6.38	93	274963	22.655	ng	# 15
8) 2-Chlorophenol	6.50	128	349947	43.861	ng	97
9) Benzaldehyde	6.26	77	171820	31.422	ng	98
10) Phenol	6.37	94	405748	40.503	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	313056	41.088	ng	97
12) 1,3-Dichlorobenzene	6.66	146	371536	39.155	ng	98
13) 1,4-Dichlorobenzene	6.73	146	378648	39.836	ng	99
14) 1,2-Dichlorobenzene	6.89	146	350882	40.358	ng	98
15) Benzyl Alcohol	6.86	79	271970	42.008	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	515435	40.336	ng	87
17) 2-Methylphenol	6.98	107	280857	40.532	ng	95
18) Hexachloroethane	7.22	117	135285	40.844	ng	92
19) n-Nitroso-di-n-propylamine	7.13	70	226688	40.369	ng	94
20) 3+4-Methylphenols	7.13	107	347737	42.670	ng	# 72
22) Acetophenone	7.13	105	467804	40.722	ng	# 94
24) Nitrobenzene	7.30	77	352542	41.081	ng	97
25) Isophorone	7.54	82	649290	43.432	ng	99
26) 2-Nitrophenol	7.62	139	194929	43.158	ng	90
27) 2,4-Dimethylphenol	7.66	122	308190	46.992	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	409684	44.362	ng	99
29) 2,4-Dichlorophenol	7.86	162	295530	44.237	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	281631	39.327	ng	98
31) Naphthalene	8.02	128	989970	41.145	ng	99
32) Benzoic acid	7.80	122	216662	39.431	ng	97
33) 4-Chloroaniline	8.07	127	133642	13.209	ng	99
34) Hexachlorobutadiene	8.13	225	151639	39.646	ng	99
35) Caprolactam	8.45	113	99819m	45.242	ng	
36) 4-Chloro-3-methylphenol	8.57	107	315891	44.859	ng	100
37) 2-Methylnaphthalene	8.71	142	675626	42.164	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	265600	39.385	ng	99
40) Hexachlorocyclopentadiene	8.86	237	245516	81.351	ng	97

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102432.D
 Acq On : 25 Jan 2018 19:17
 Operator : SJ/JU
 Sample : PB106012BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

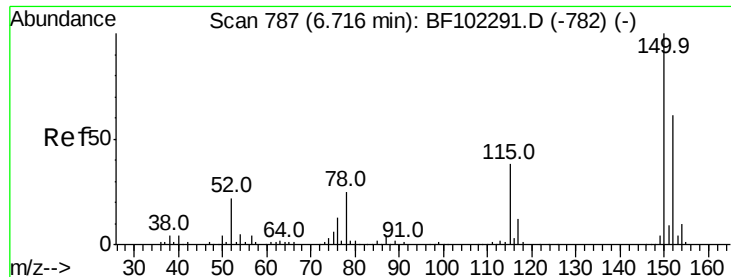
Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:28 AM

Quant Time: Jan 26 00:36:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	190714	42.245	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	200618	39.469	nq	98
45) 1,1'-Biphenyl	9.17	154	792274	39.530	nq	99
46) 2-Chloronaphthalene	9.20	162	613694	39.393	nq	97
47) 2-Nitroaniline	9.30	65	199351	41.045	nq	95
48) Acenaphthylene	9.62	152	938412	38.664	nq	100
49) Dimethylphthalate	9.48	163	732688	39.546	nq	100
50) 2,6-Dinitrotoluene	9.55	165	160054	40.069	nq	95
51) Acenaphthene	9.79	154	548884	38.722	nq	99
52) 3-Nitroaniline	9.72	138	93789	19.848	nq	94
53) 2,4-Dinitrophenol	9.83	184	154231	85.775	nq	# 20
54) Dibenzofuran	9.96	168	816255	42.549	nq	99
55) 4-Nitrophenol	9.90	139	235702	75.563	nq	94
56) 2,4-Dinitrotoluene	9.95	165	200764	40.871	nq	92
57) Fluorene	10.30	166	647462	42.592	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	158403	43.647	nq	98
59) Diethylphthalate	10.18	149	713815	39.647	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	279231	42.368	nq	97
61) 4-Nitroaniline	10.33	138	180508	38.281	nq	95
62) Azobenzene	10.46	77	677743	41.116	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	100174	38.242	nq	95
65) n-Nitrosodiphenylamine	10.42	169	584160	40.535	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	176889	41.850	nq	99
67) Hexachlorobenzene	10.85	284	173443	36.692	nq	93
68) Atrazine	10.95	200	190216	44.691	nq	98
69) Pentachlorophenol	11.05	266	183734	73.991	nq	97
70) Phenanthrene	11.26	178	927767	40.550	nq	99
71) Anthracene	11.32	178	964439	41.298	nq	100
72) Carbazole	11.47	167	907793	39.846	nq	99
73) Di-n-butylphthalate	11.80	149	1141627	40.088	nq	99
74) Fluoranthene	12.45	202	960544	41.169	nq	99
76) Benzidine	12.58	184	313180	32.790	nq	98
77) Pyrene	12.68	202	958177	43.589	nq	99
79) Butylbenzylphthalate	13.30	149	468550	42.831	nq	98
80) Benzo(a)anthracene	13.87	228	740920	42.328	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	157193	24.480	nq	99
82) Chrysene	13.90	228	724610	40.765	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	627781	42.702	nq	# 99
84) Di-n-octyl phthalate	14.47	149	988052	41.327	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	614933	41.889	nq	97
87) Benzo(b)fluoranthene	14.90	252	633621	42.269	nq	99
88) Benzo(k)fluoranthene	14.93	252	578481	40.846	nq	97
89) Benzo(a)pyrene	15.24	252	578277	42.773	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	506150	46.217	nq	97
91) Benzo(g,h,i)perylene	17.12	276	528294	48.855	nq	97

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



#1

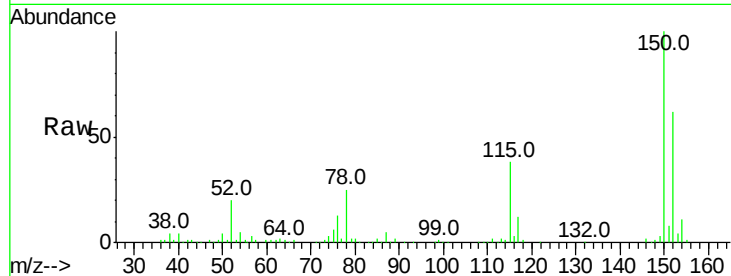
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleID :
PB106012BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	61.7	50.1	75.1

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

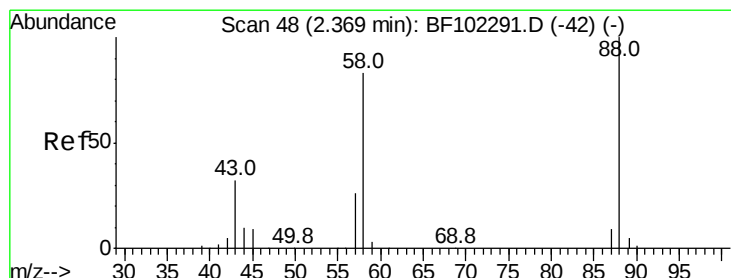
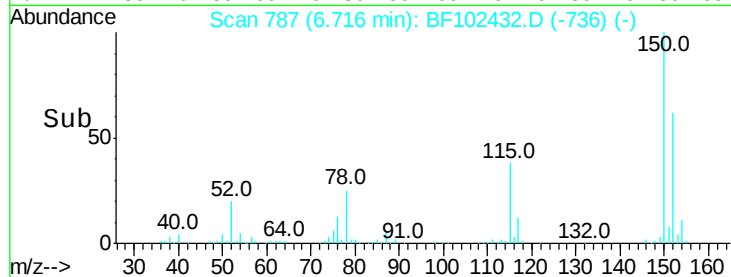
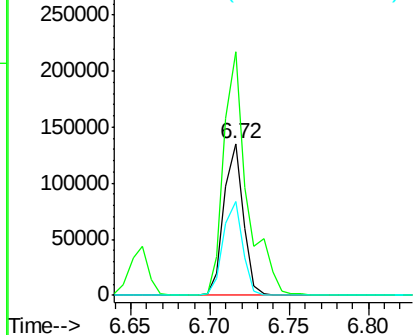


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

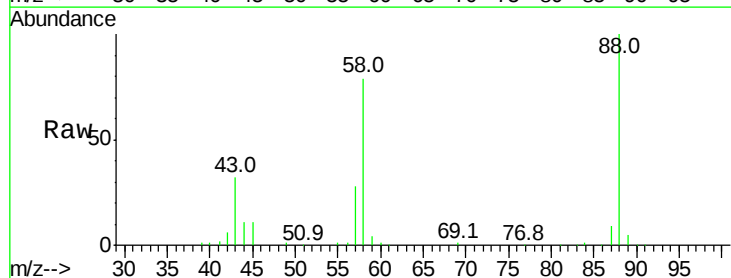
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.453 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.2	62.6	93.8
43	32.5	24.6	37.0

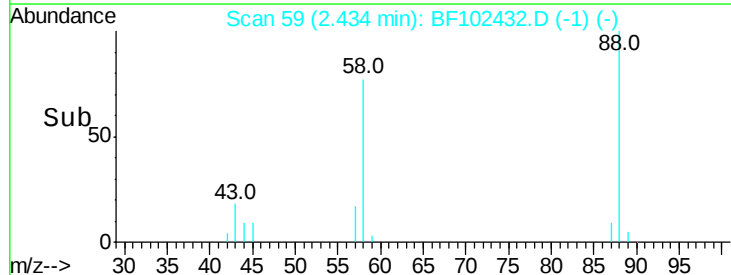
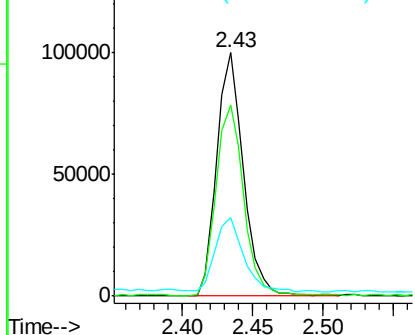


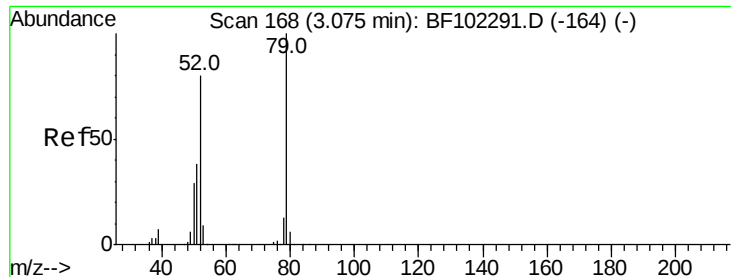
Abundance

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: 39.311 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.07 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

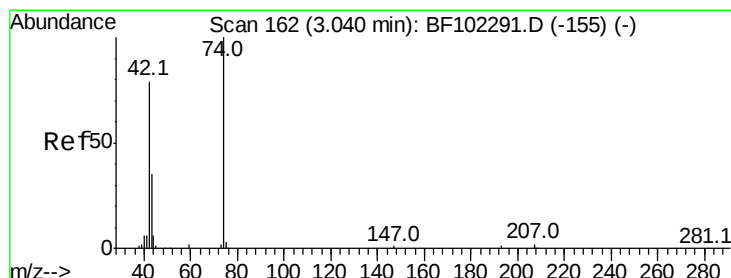
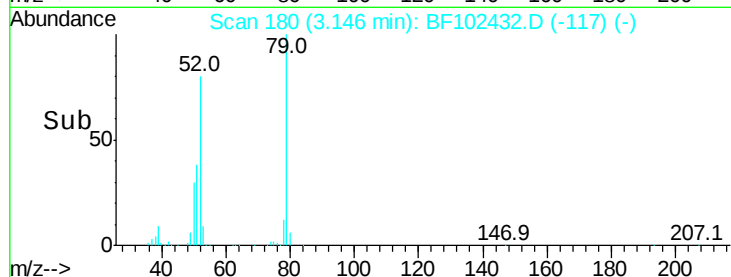
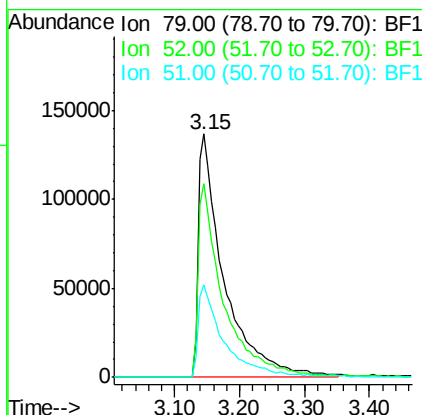
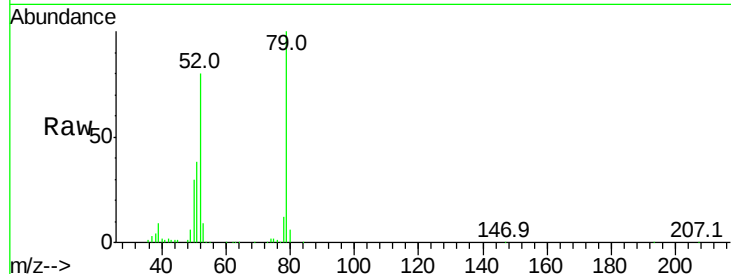
ClientSampleId :

PB106012BS

Tot Ion:	79	Resp:	371510
Ion Ratio	Lower	Upper	
79	100		
52	79.7	59.8	89.6
51	38.1	29.8	44.8

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#4

n-Nitrosodimethylamine

Concen: 48.325 ng

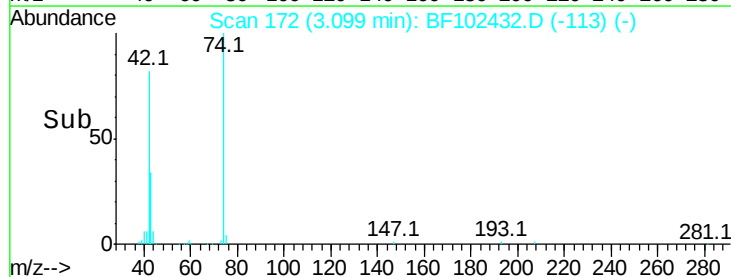
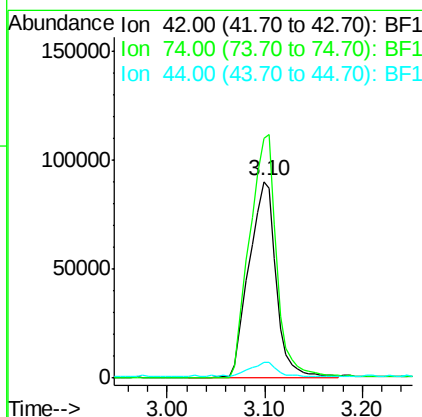
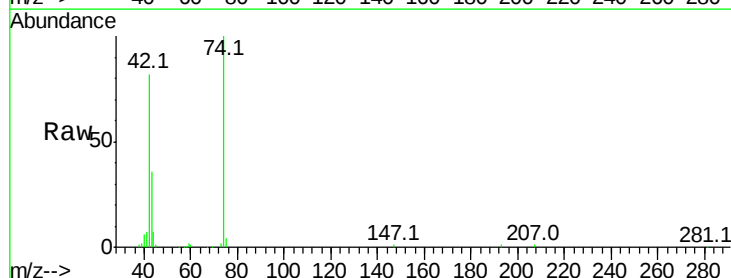
RT: 3.10 min Scan# 172

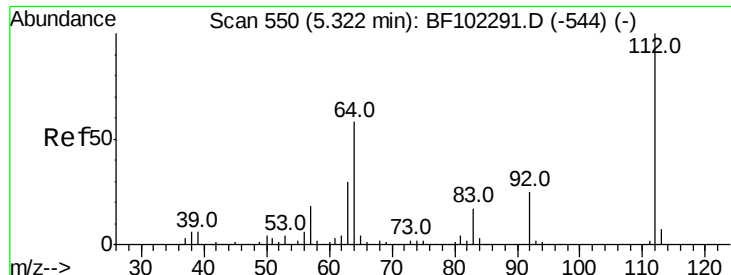
Delta R.T. 0.05 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	42	Resp:	179041
Ion Ratio	Lower	Upper	
42	100		
74	122.1	104.9	157.3
44	8.1	6.9	10.3





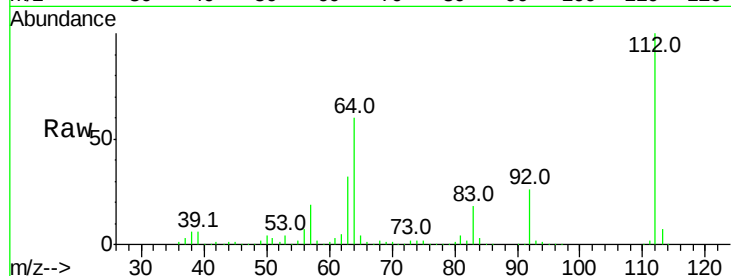
#5
2-Fluorophenol
Concen: 121.086 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

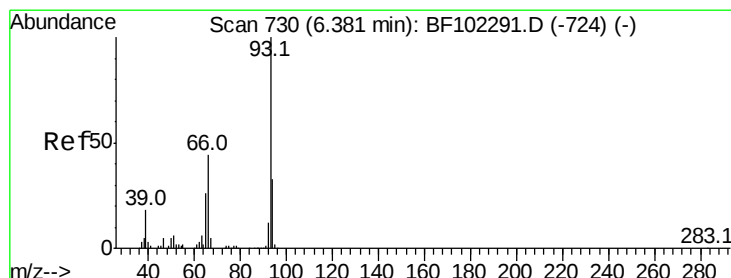
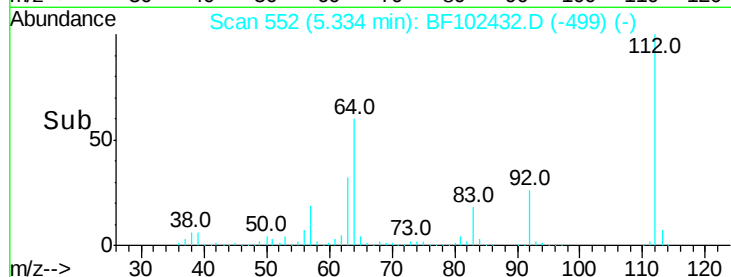
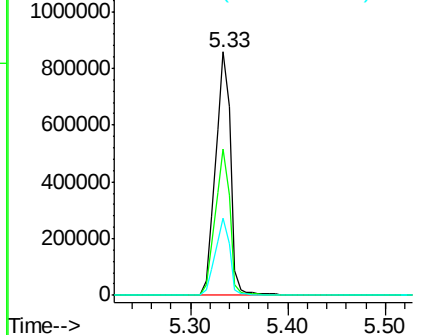
Tot Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	31.6	23.7	35.5

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

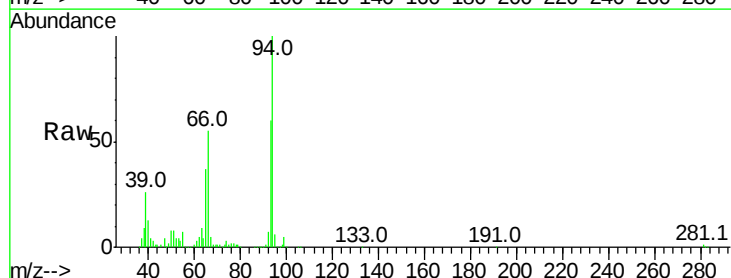


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

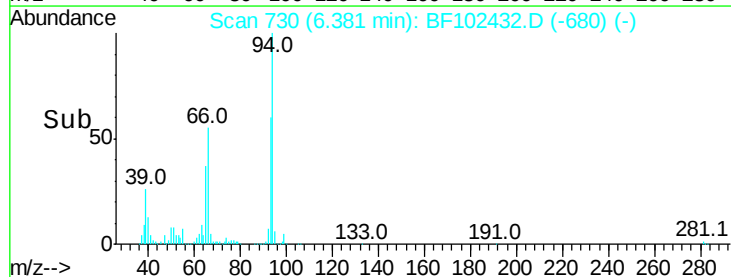
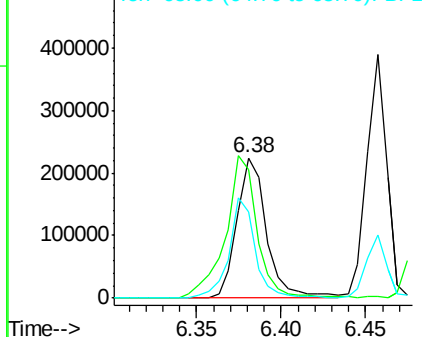


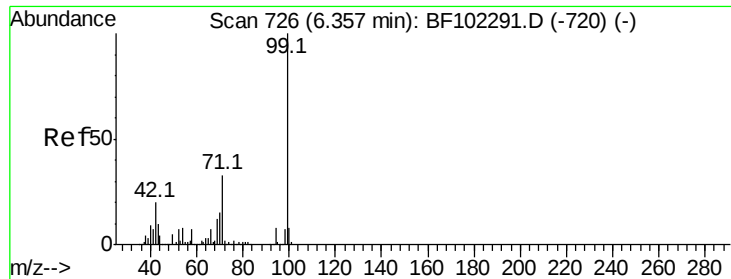
#6
Aniline
Concen: 22.655 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
93	100		
66	91.7	32.2	48.2#
65	61.6	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: 119.577 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion: 99 Resp: 1097227

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

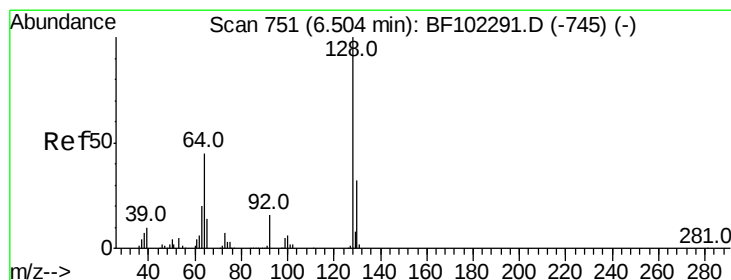
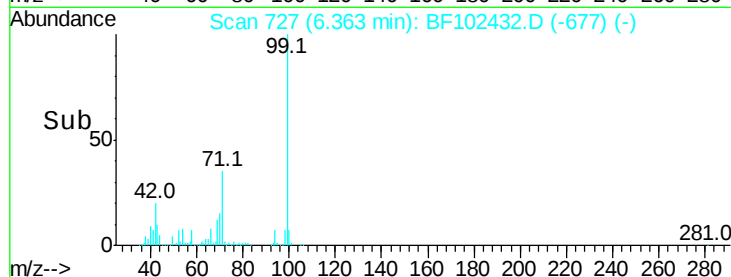
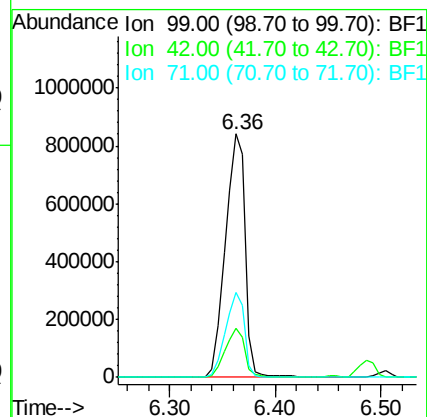
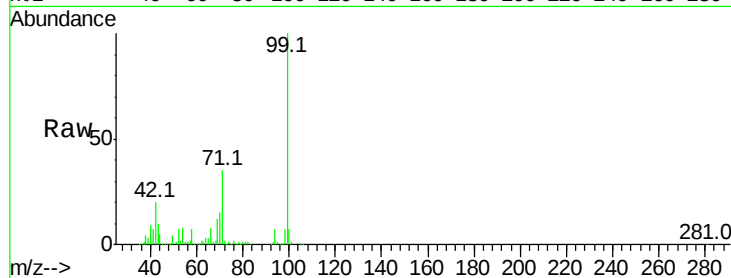
71 35.0 25.4 38.0

Manual Integrations

APPROVED

Sohil

1/26/2018 11:24:28 AM



#8

2-Chlorophenol

Concen: 43.861 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

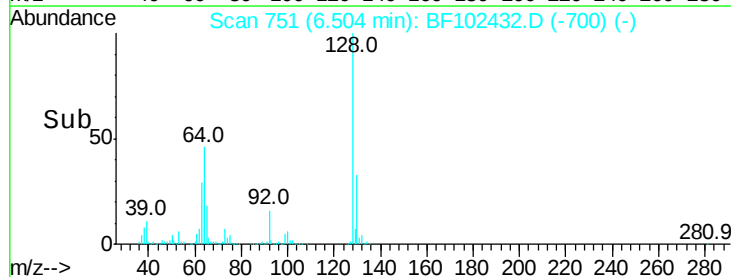
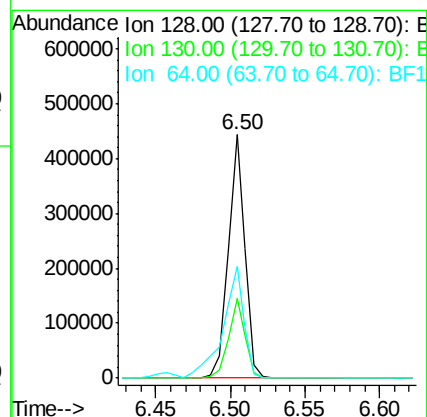
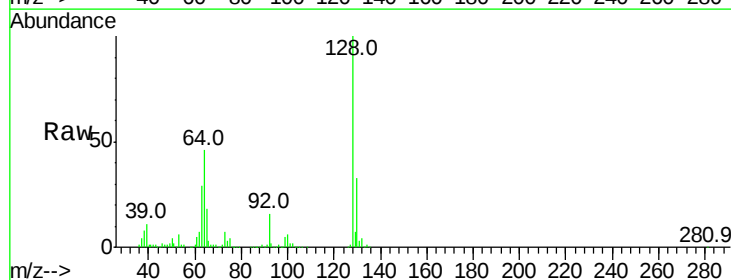
Tgt Ion: 128 Resp: 349947

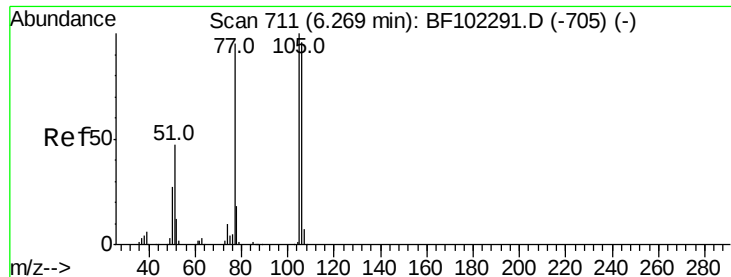
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 46.1 29.4 69.4





#9

Benzaldehyde

Concen: 31.422 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

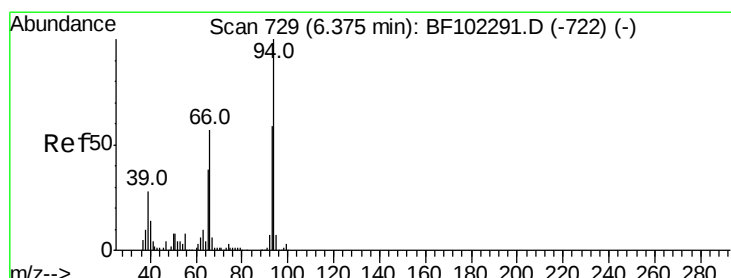
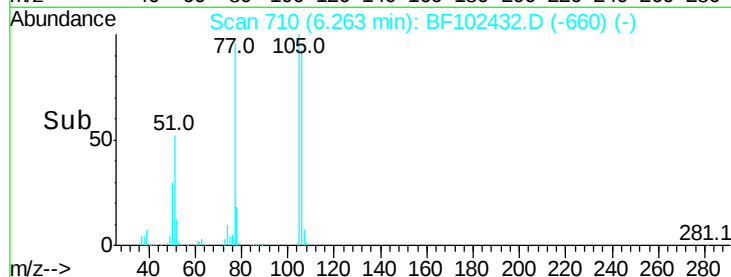
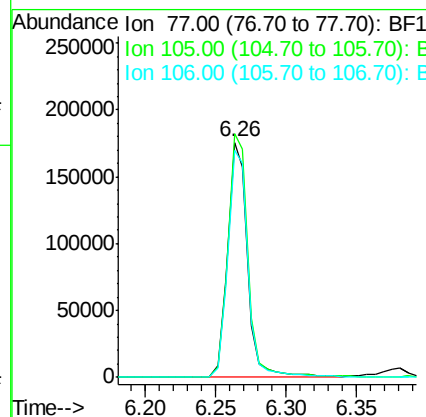
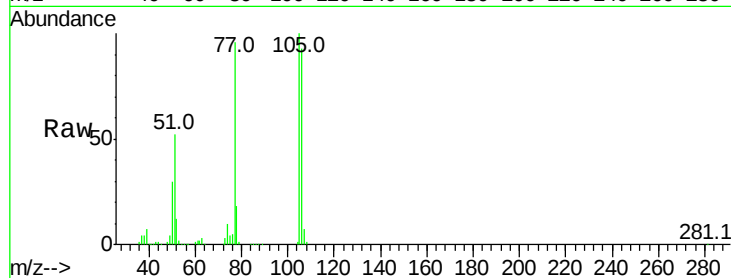
ClientSampleID :

PB106012BS

Tot Ion:	77	Resp:	171820
Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.1	121.1
106	96.6	74.5	114.5

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#10

Phenol

Concen: 40.503 ng

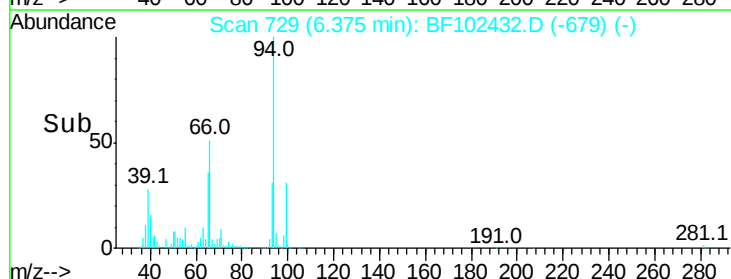
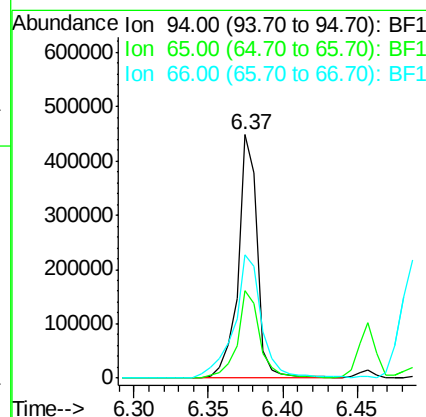
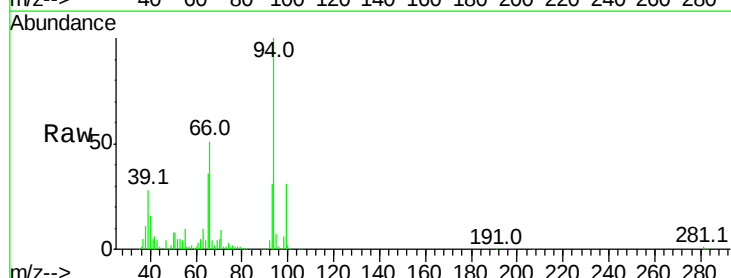
RT: 6.37 min Scan# 729

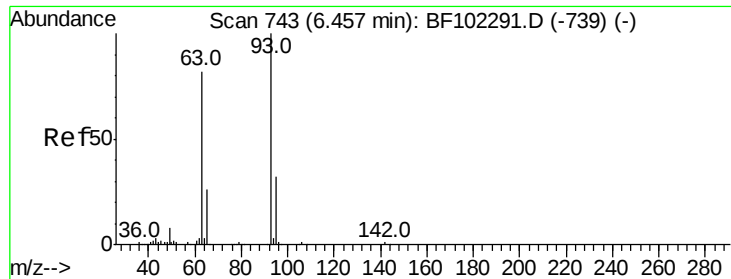
Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	94	Resp:	405748
Ion	Ratio	Lower	Upper
94	100		
65	35.9	7.9	47.9
66	50.6	16.2	56.2





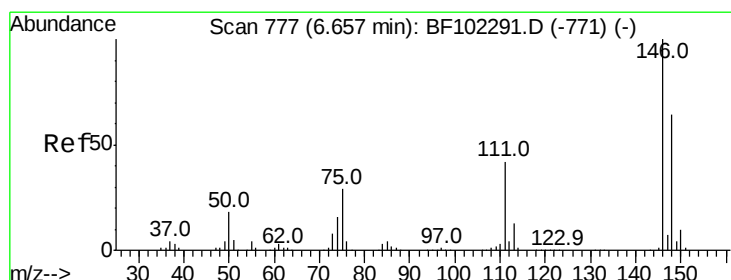
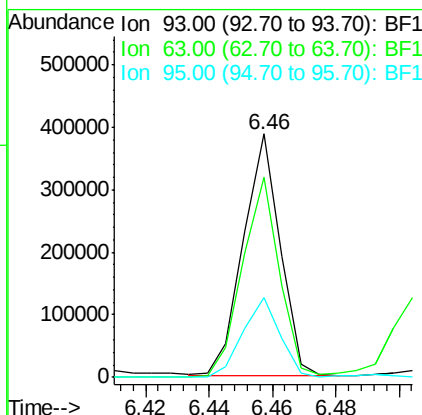
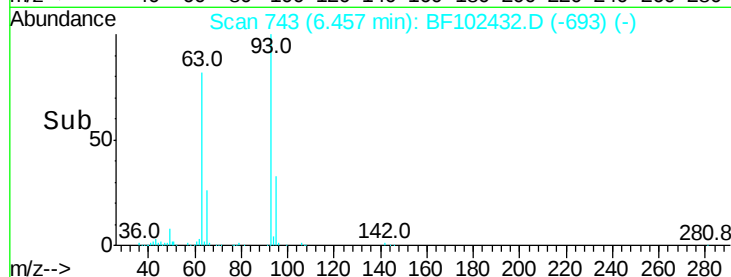
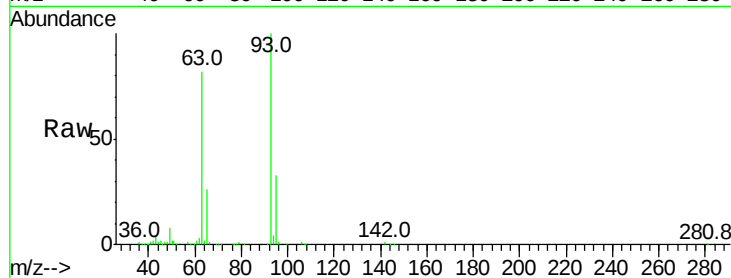
#11
bis(2-Chloroethyl)ether
Concen: 41.088 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	93	Resp	313056
Ion	Ratio	Lower	Upper
93	100		
63	82.2	58.6	98.6
95	32.6	11.8	51.8

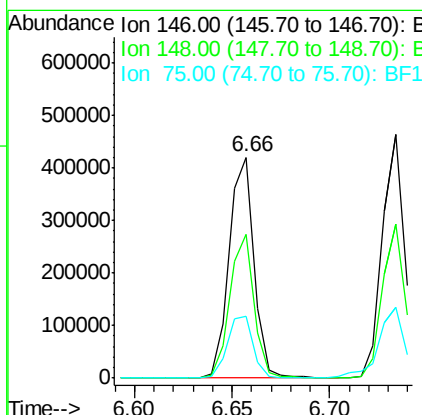
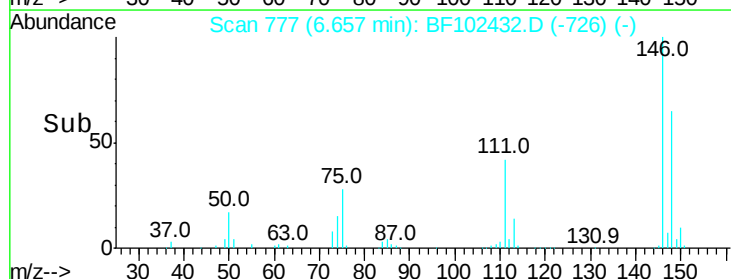
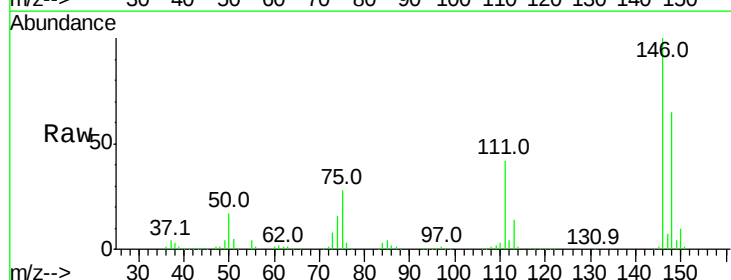
Manual Integrations
APPROVED

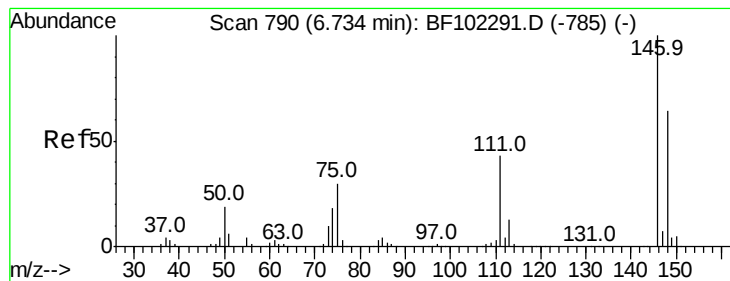
Sohil
1/26/2018 11:24:28 AM



#12
1,3-Dichlorobenzene
Concen: 39.155 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	146	Resp	371536
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	28.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.836 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

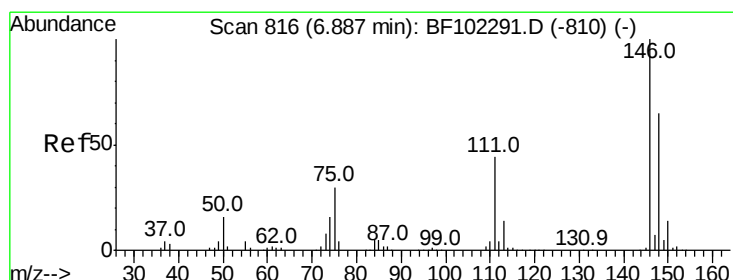
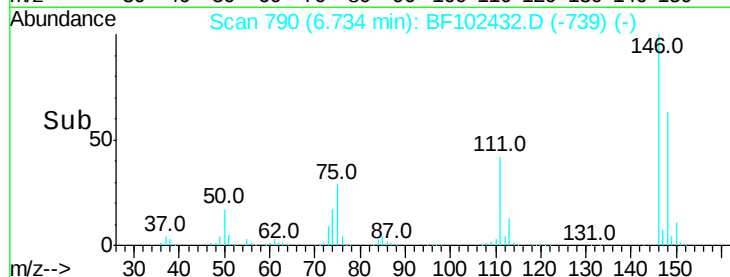
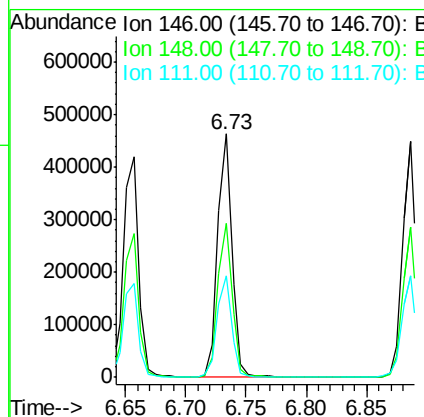
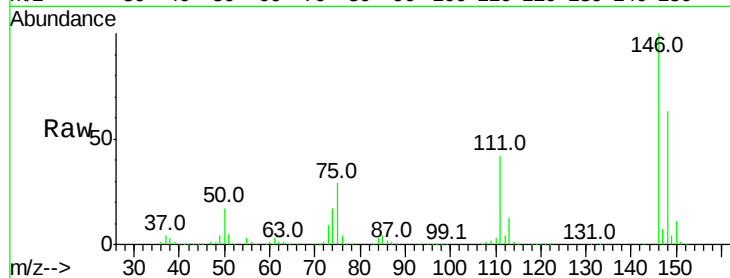
ClientSampleId :

PB106012BS

Tot Ion:	146	Resp:	378648
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	41.9	34.2	51.2

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#14

1,2-Dichlorobenzene

Concen: 40.358 ng

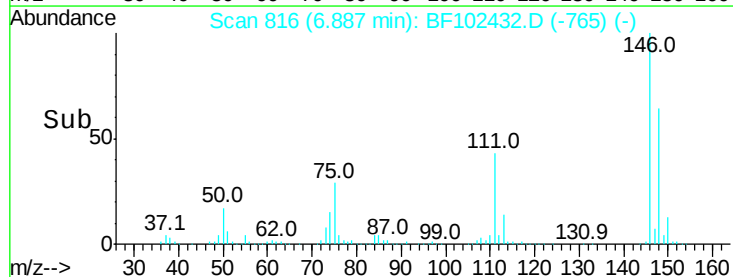
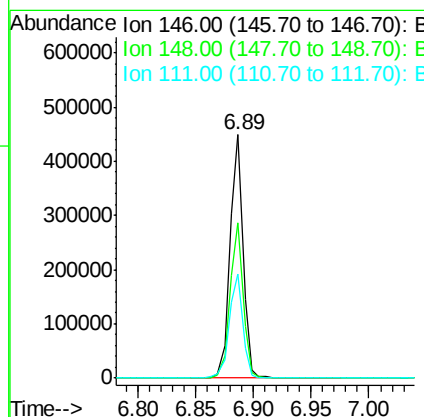
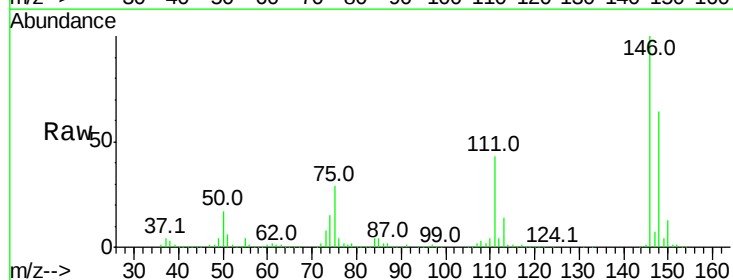
RT: 6.89 min Scan# 816

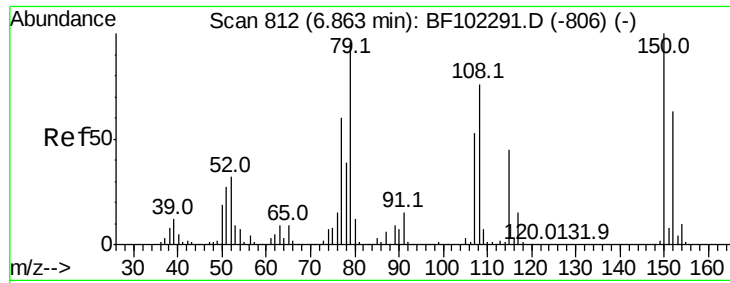
Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	146	Resp:	350882
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.6	75.8
111	42.9	36.0	54.0





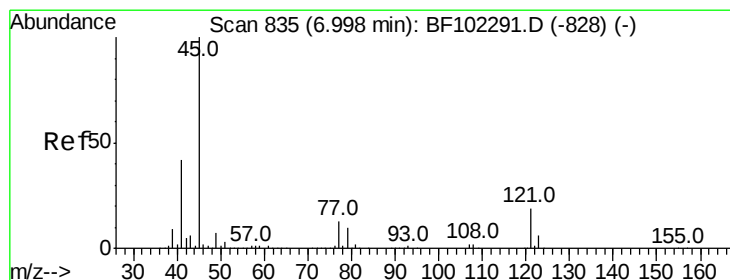
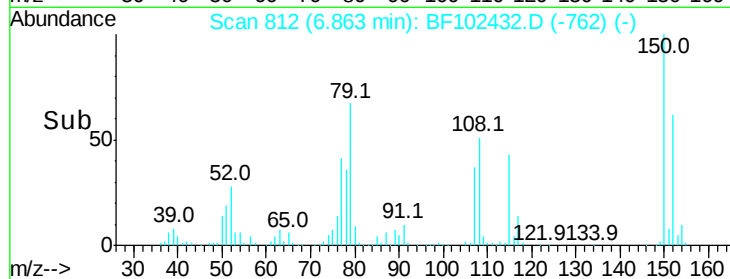
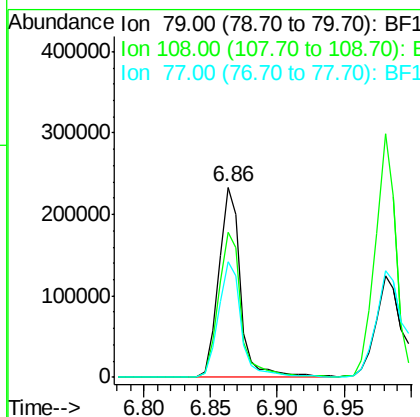
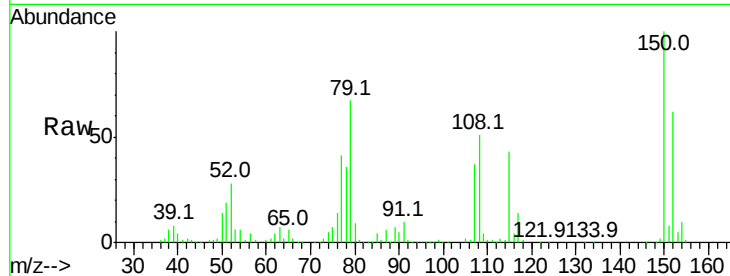
#15
Benzyl Alcohol
Concen: 42.008 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleID :
PB106012BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	65.1	97.7
77	60.9	50.6	75.8

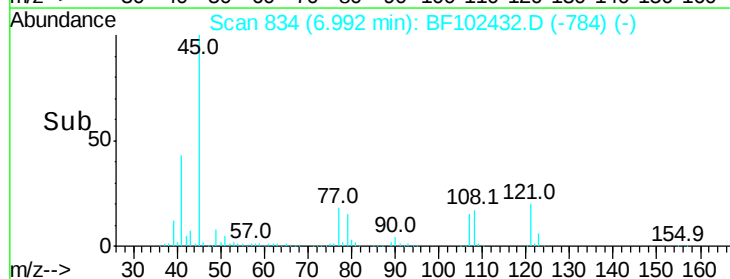
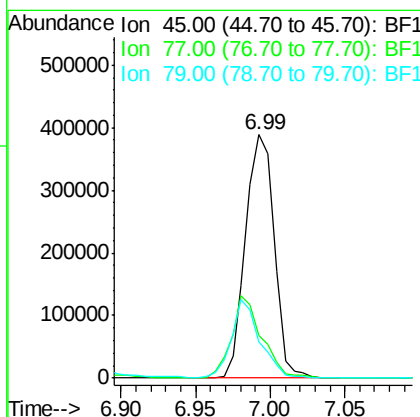
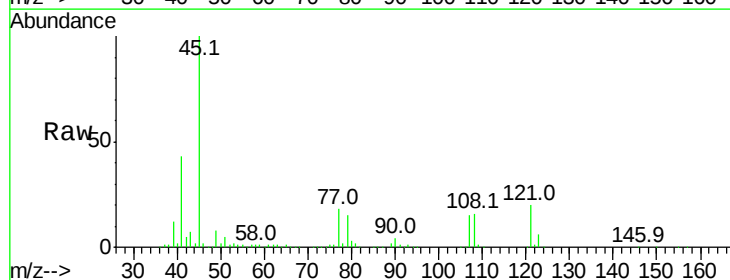
Manual Integrations
APPROVED

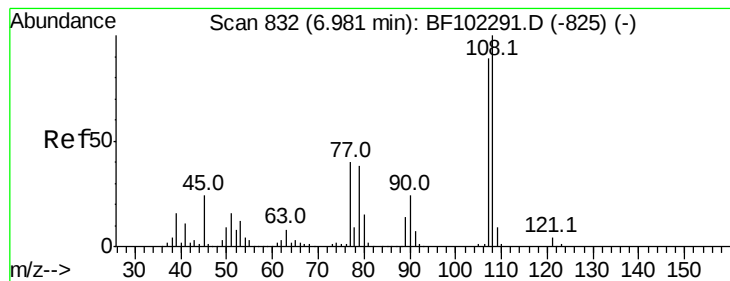
Sohil
1/26/2018 11:24:28 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.336 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	32.9
79	14.9	0.0	29.6





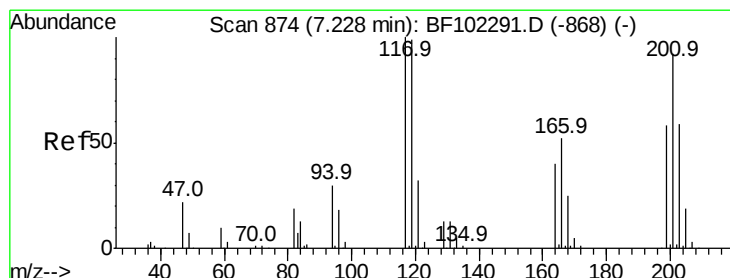
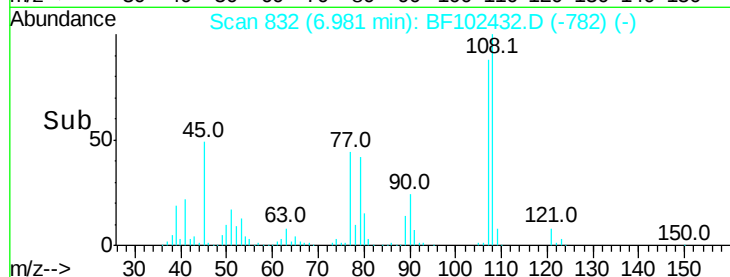
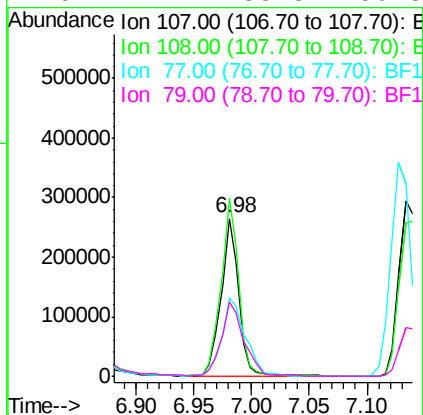
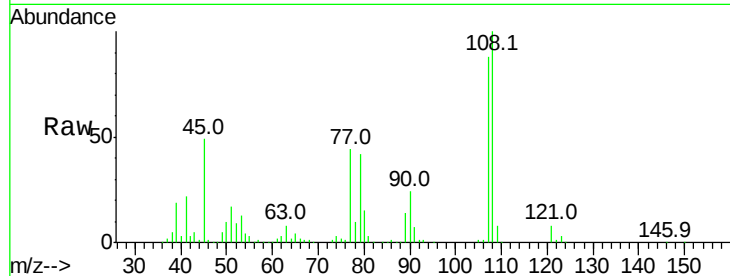
#17
2-Methylphenol
Concen: 40.532 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleID :
PB106012BS

Tot Ion:	107	Resp:	280857
Ion Ratio	Lower	Upper	
107	100		
108	113.0	91.7	137.5
77	49.3	33.8	50.8
79	47.2	33.8	50.8

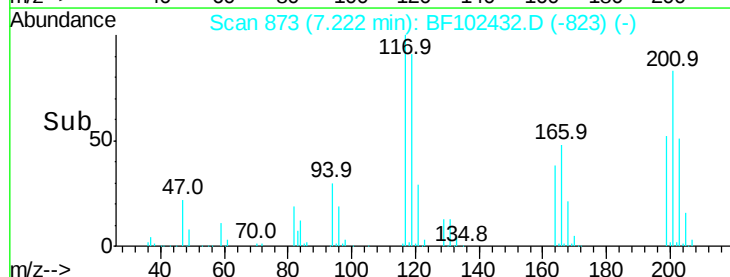
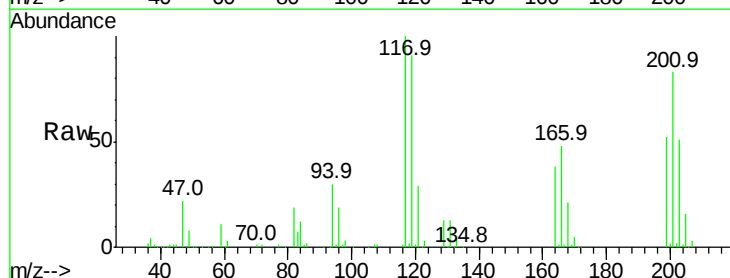
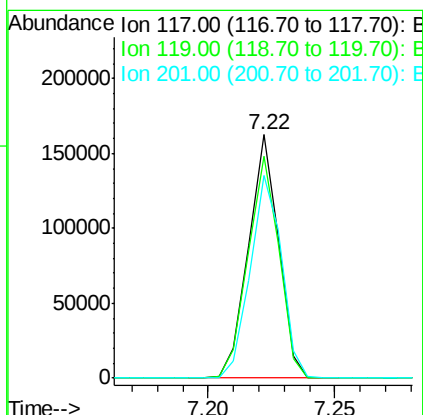
Manual Integrations
APPROVED

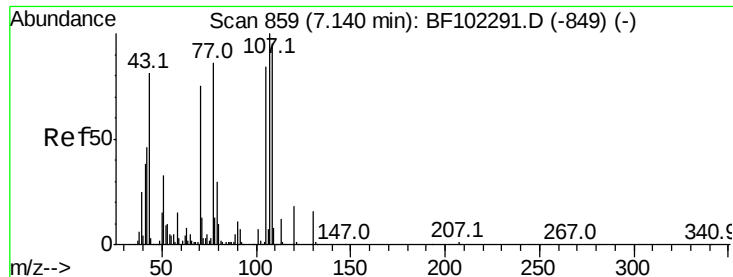
Sohil
1/26/2018 11:24:28 AM



#18
Hexachloroethane
Concen: 40.844 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:	117	Resp:	135285
Ion Ratio	Lower	Upper	
117	100		
119	91.3	75.8	113.8
201	83.1	75.7	113.5





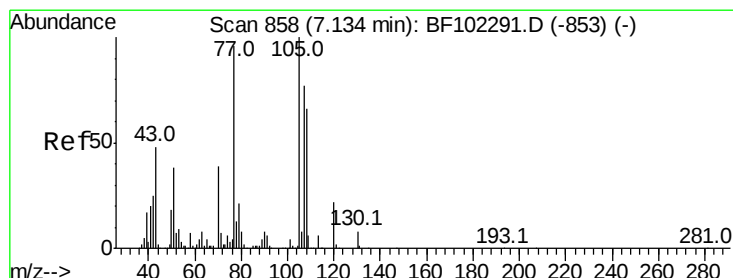
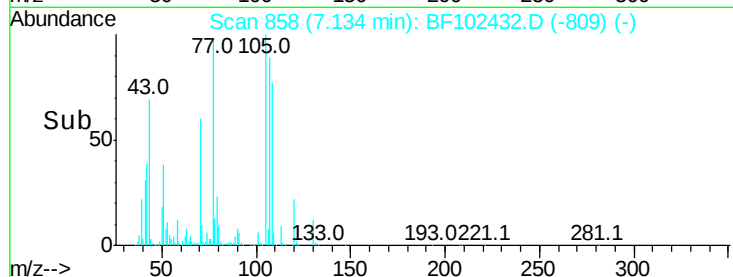
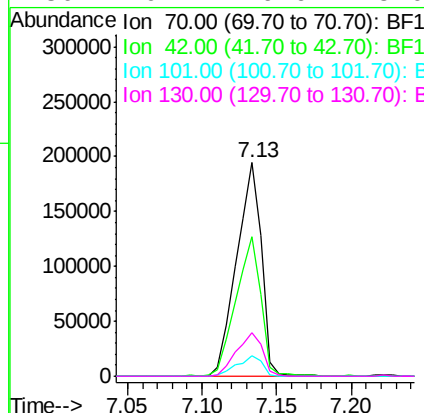
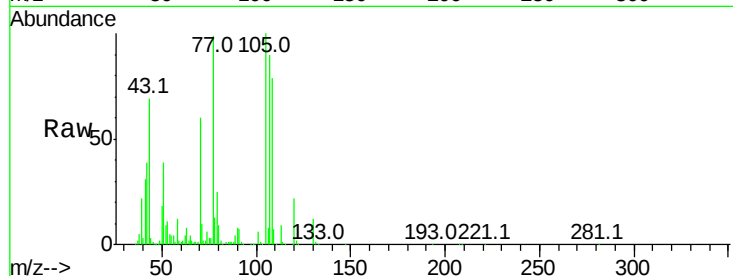
#19
n-Nitroso-di-n-propylamine
Concen: 40.369 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.3	47.5	71.3
101	9.7	7.4	11.2
130	20.2	16.6	25.0

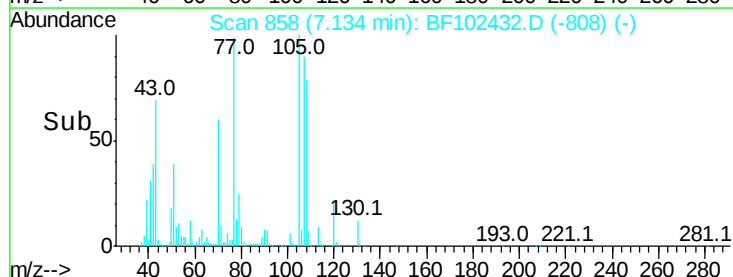
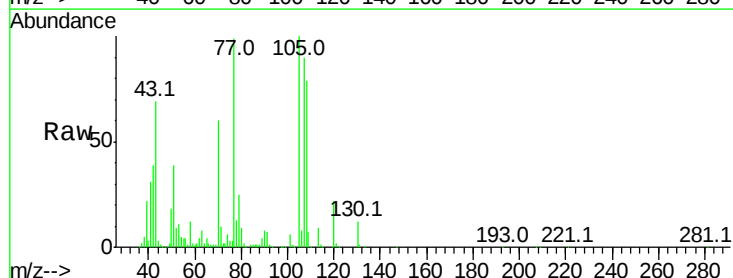
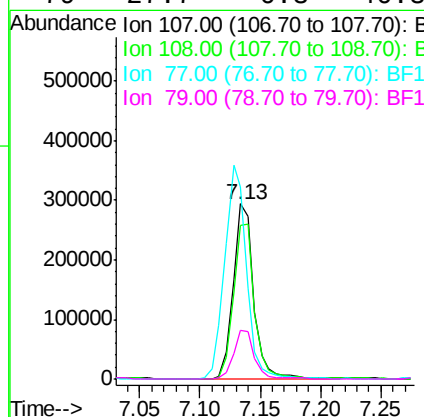
Manual Integrations
APPROVED

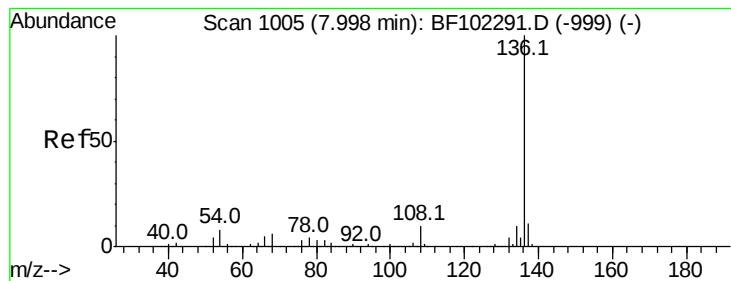
Sohil
1/26/2018 11:24:28 AM



#20
3+4-Methylphenols
Concen: 42.670 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	109.7	26.7	66.7#
79	27.7	6.3	46.3





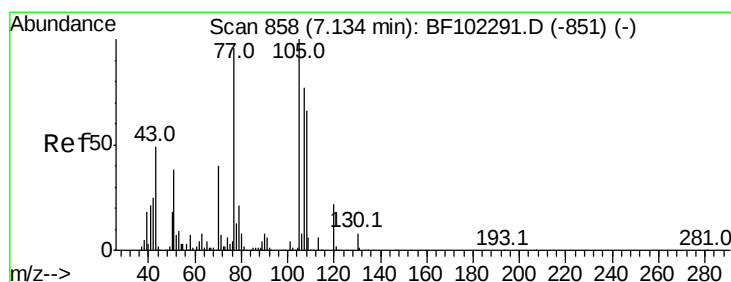
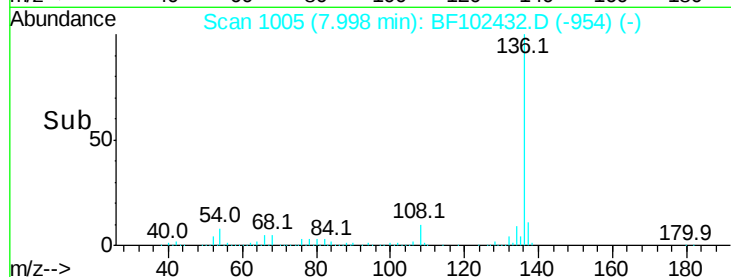
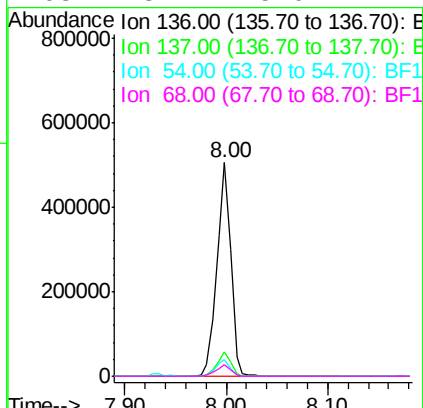
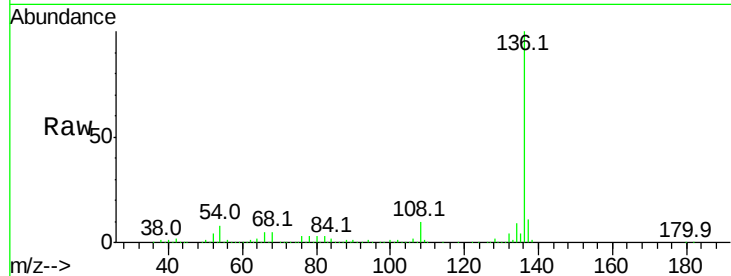
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	481901		
137	11.2	8.9	13.3	
54	8.1	6.6	9.8	
68	5.4	5.0	7.4	

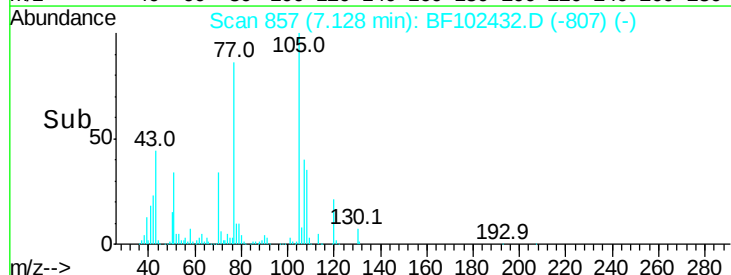
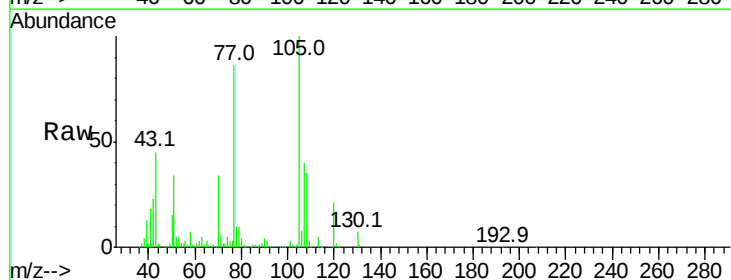
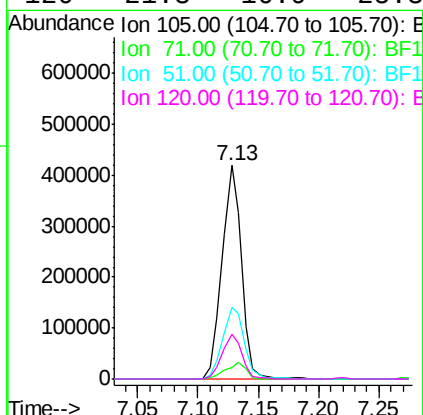
Manual Integrations
APPROVED

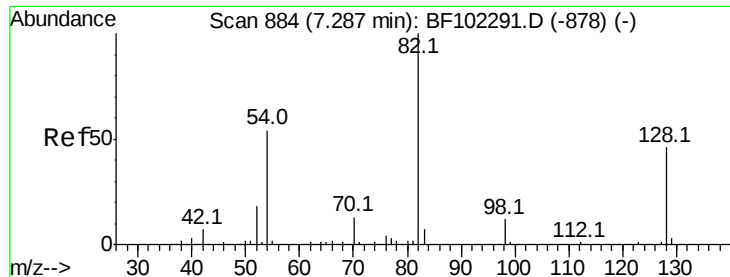
Sohil
1/26/2018 11:24:28 AM



#22
Acetophenone
Concen: 40.722 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	467804		
71	5.7	4.4	6.6	
51	33.6	22.3	33.5	
120	21.3	16.9	25.3	





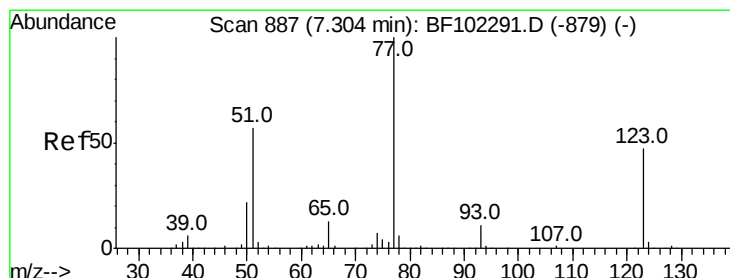
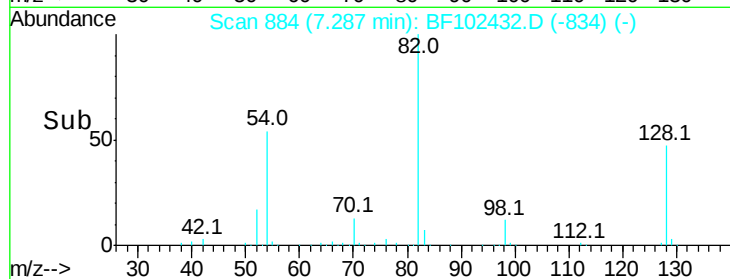
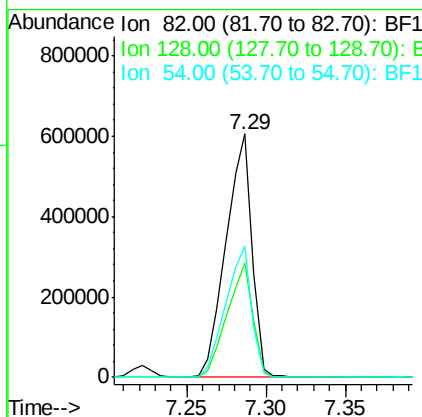
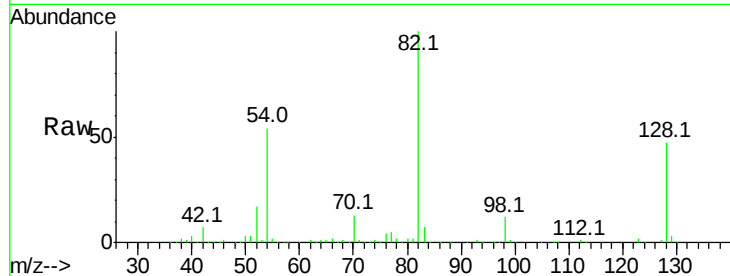
#23
Nitrobenzene-d5
Concen: 82.504 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	691859		
128	46.7	36.1	54.1	
54	53.9	41.4	62.2	

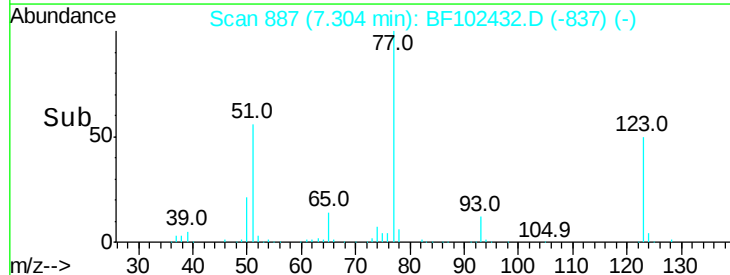
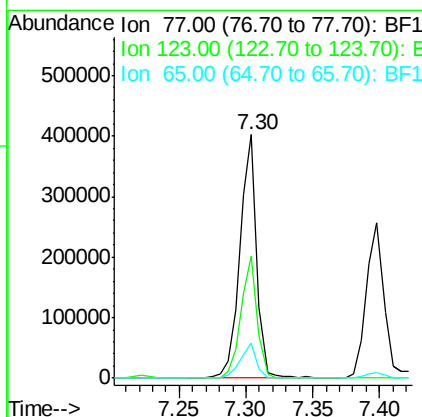
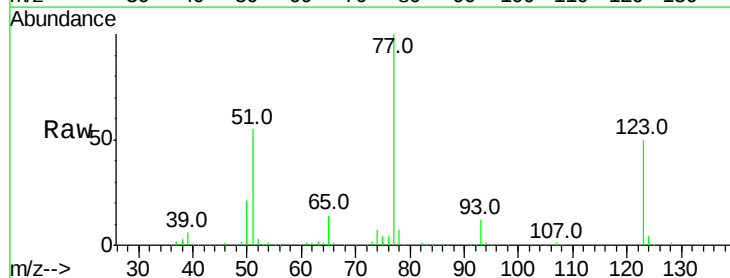
Manual Integrations
APPROVED

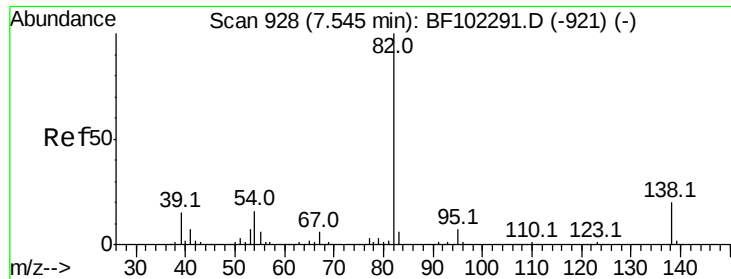
Sohil
1/26/2018 11:24:28 AM



#24
Nitrobenzene
Concen: 41.081 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	352542		
123	50.1	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 43.432 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

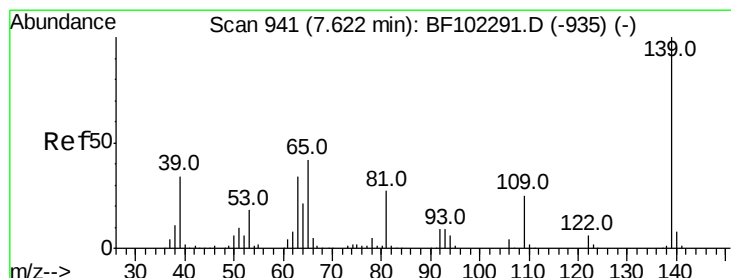
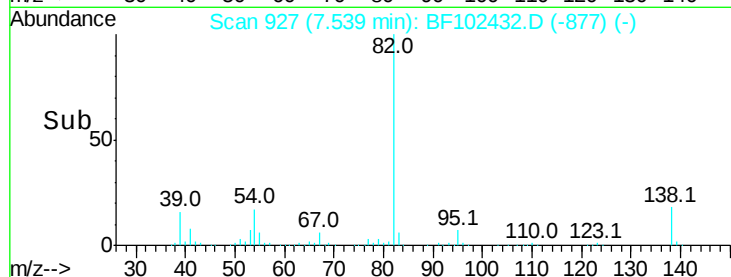
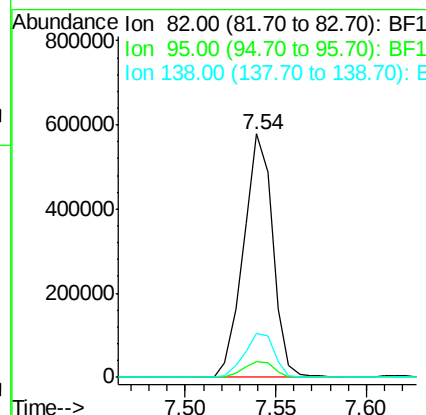
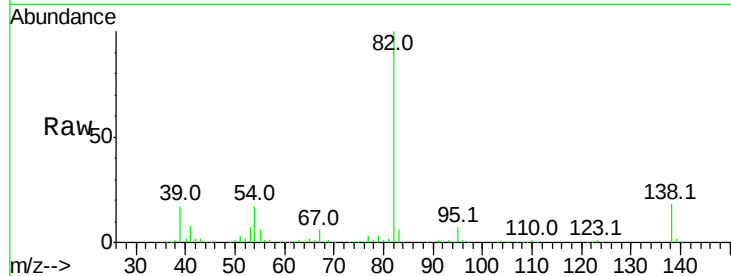
ClientSampleId :

PB106012BS

Tot Ion:	82	Resp:	649290
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.2	14.9	22.3

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#26

2-Nitrophenol

Concen: 43.158 ng

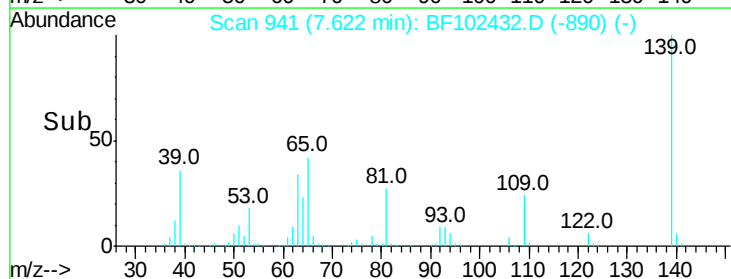
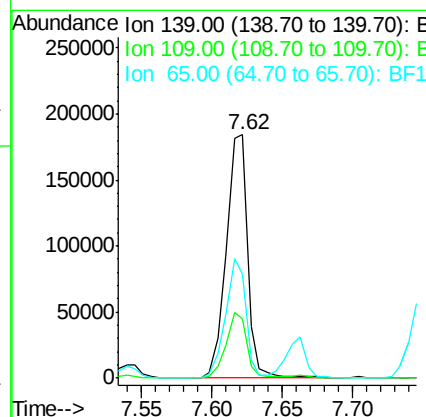
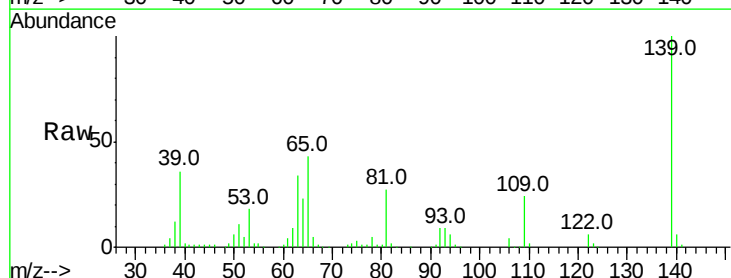
RT: 7.62 min Scan# 941

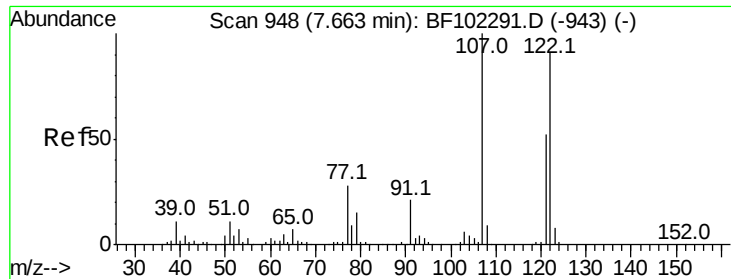
Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	139	Resp:	194929
Ion Ratio		Lower	Upper
139	100		
109	24.1	22.7	34.1
65	42.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 46.992 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

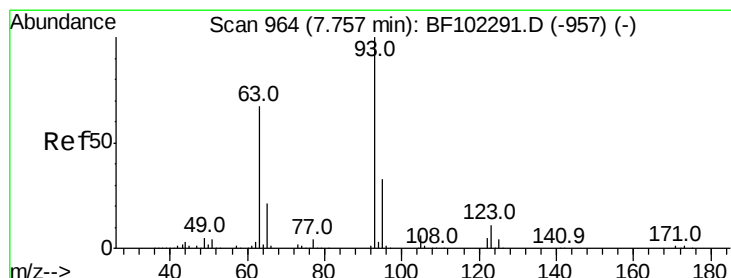
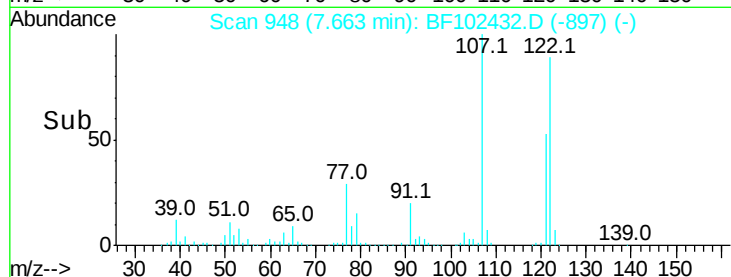
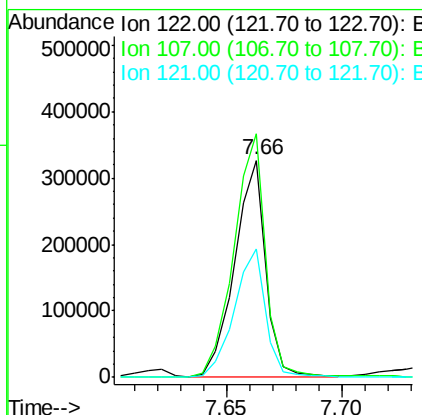
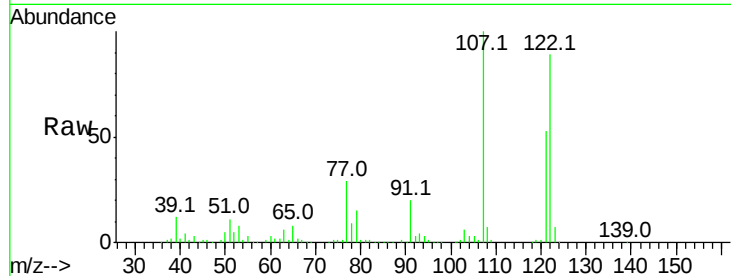
ClientSampleId :

PB106012BS

Tot Ion:	122	Resp:	308190
Ion Ratio	Lower	Upper	
122	100		
107	112.1	91.2	136.8
121	58.8	47.2	70.8

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#28

bis(2-Chloroethoxy)methane

Concen: 44.362 ng

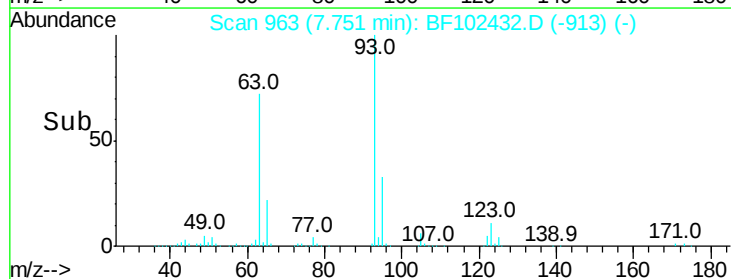
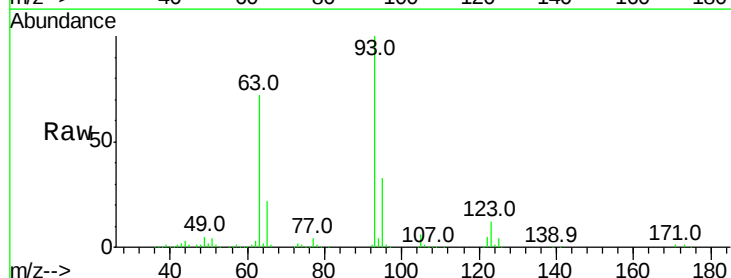
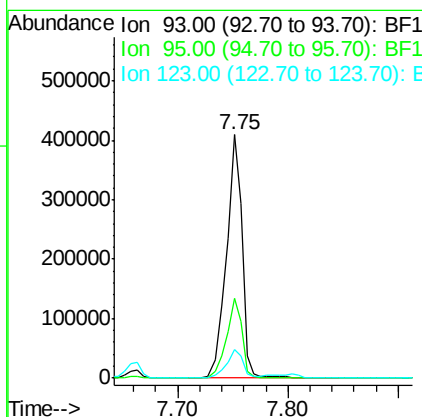
RT: 7.75 min Scan# 963

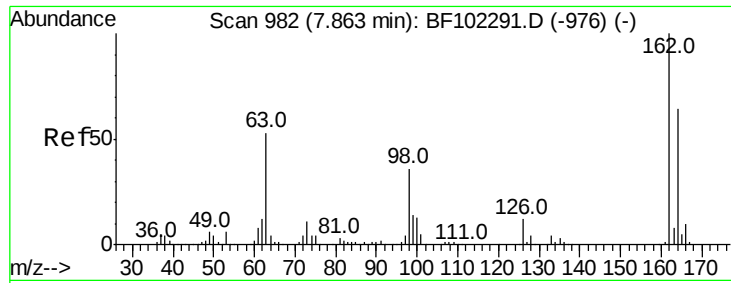
Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	93	Resp:	409684
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	11.5	9.8	14.6





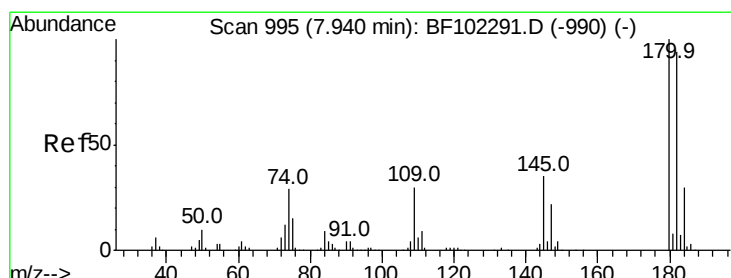
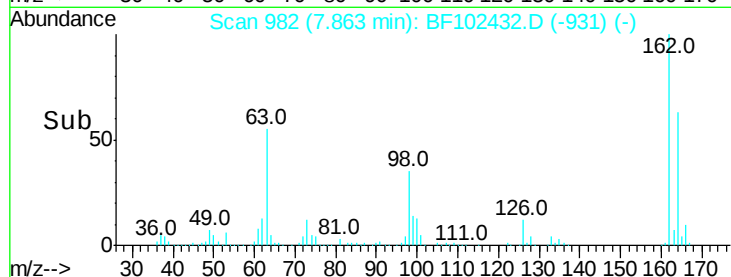
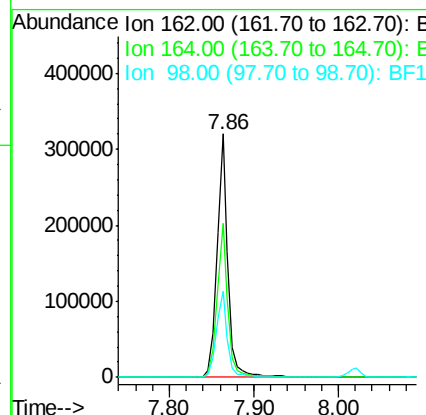
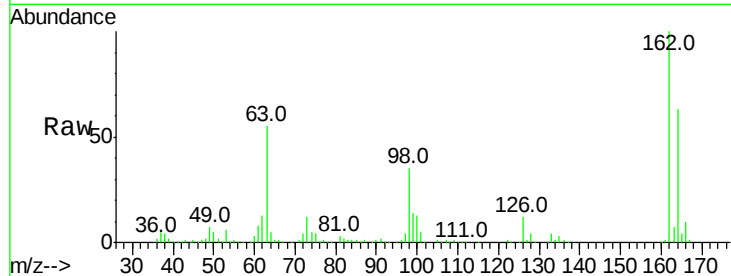
#29
 2,4-Dichlorophenol
 Concen: 44.237 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	295530		
164	63.2	42.7	82.7	
98	35.3	18.1	58.1	

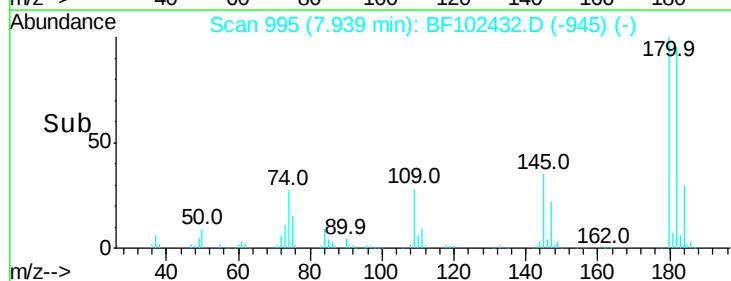
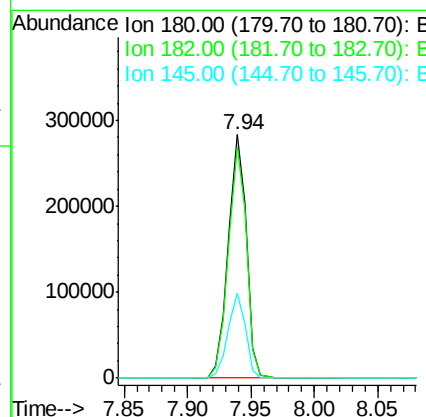
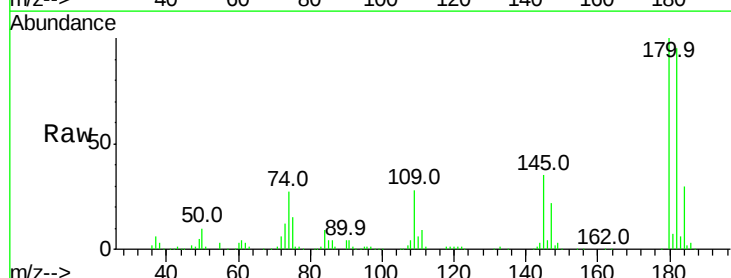
Manual Integrations
 APPROVED

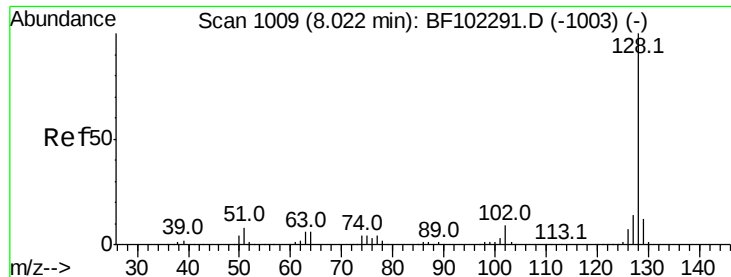
Sohil
 1/26/2018 11:24:28 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.327 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	281631		
182	94.9	76.8	115.2	
145	34.8	26.5	39.7	





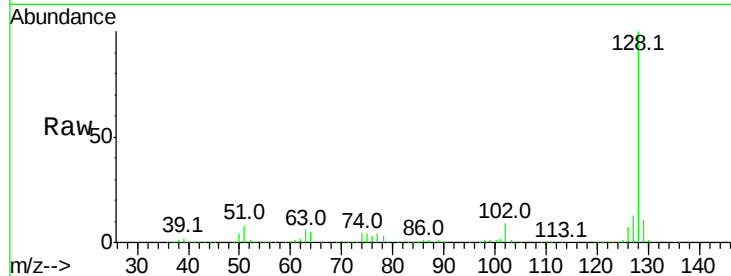
#31
Naphthalene
Concen: 41.145 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

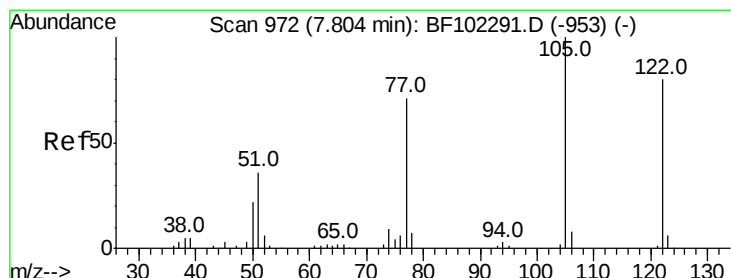
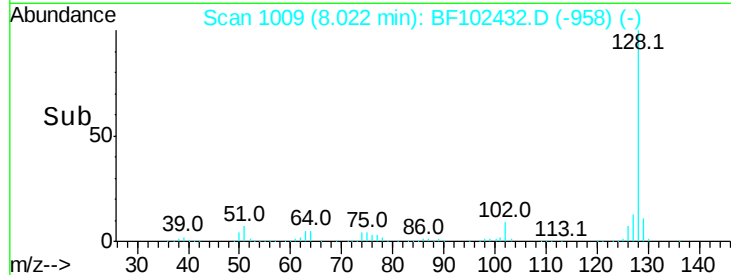
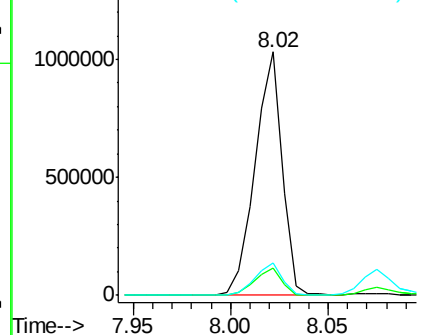
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.3	10.9	16.3	

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

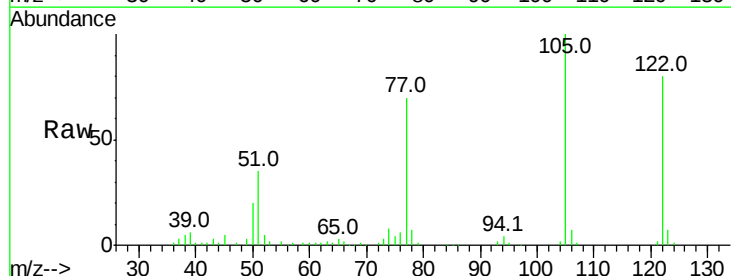


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

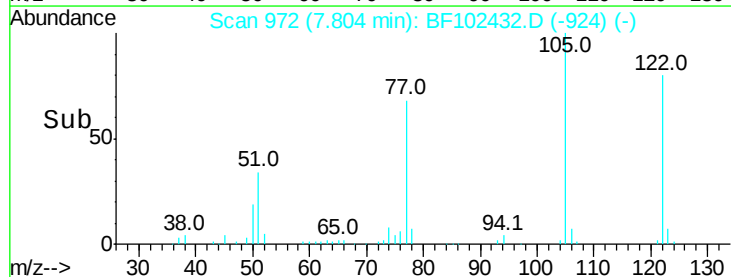
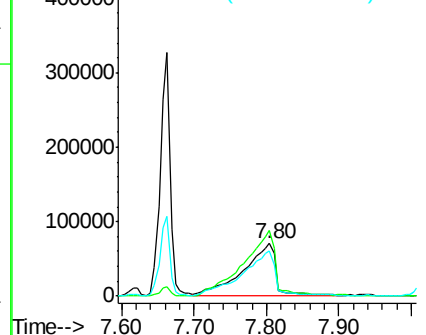


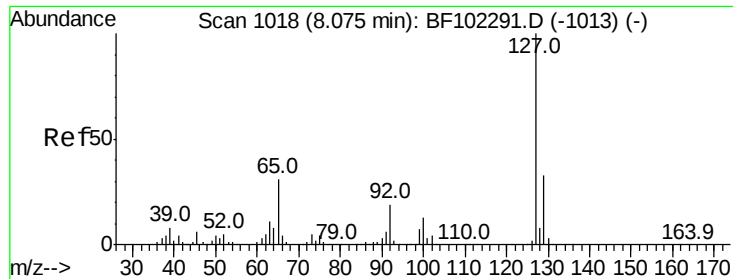
#32
Benzoic acid
Concen: 39.431 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.3	101.1	141.1	
77	86.9	70.7	110.7	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





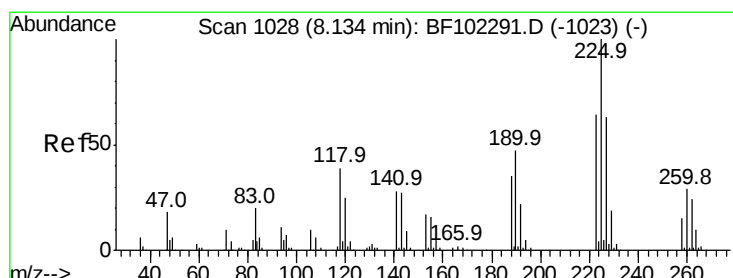
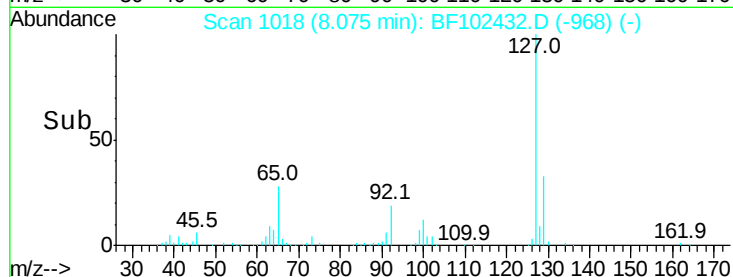
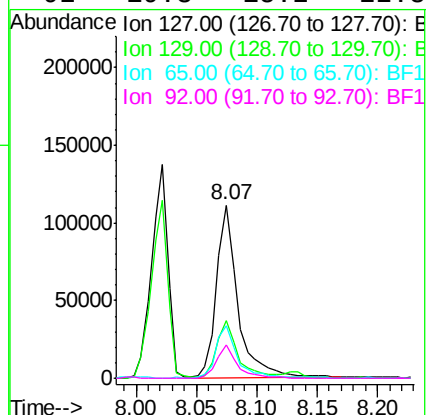
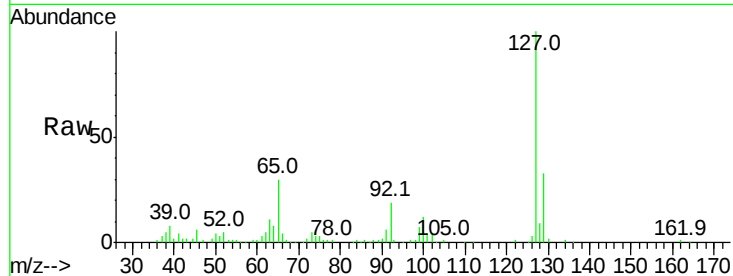
#33
4-Chloroaniline
Concen: 13.209 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.9	38.9		
65	30.1	25.0	37.4		
92	19.3	15.2	22.8		

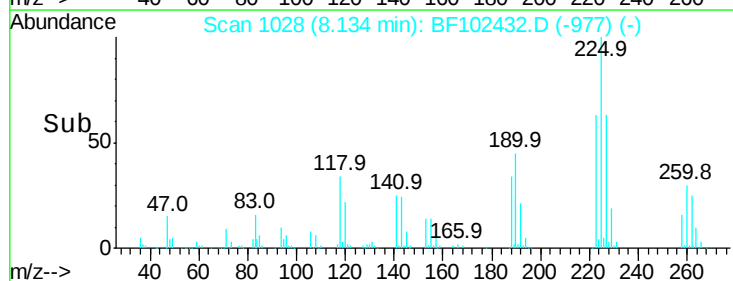
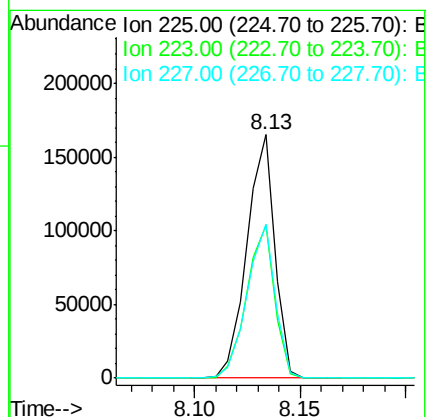
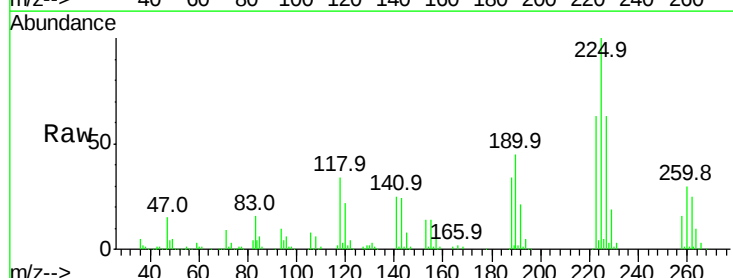
Manual Integrations
APPROVED

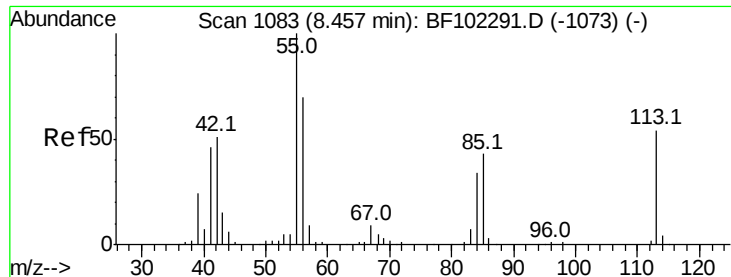
Sohil
1/26/2018 11:24:28 AM



#34
Hexachlorobutadiene
Concen: 39.646 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	50.6	76.0		
227	63.4	51.9	77.9		





#35

Caprolactam

Concen: 45.242 ng/ml

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

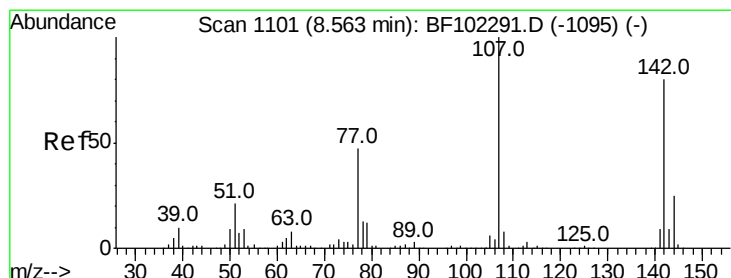
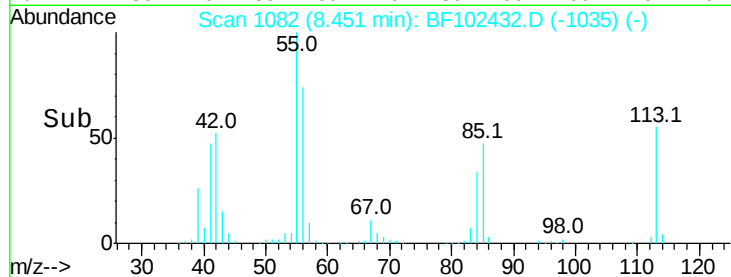
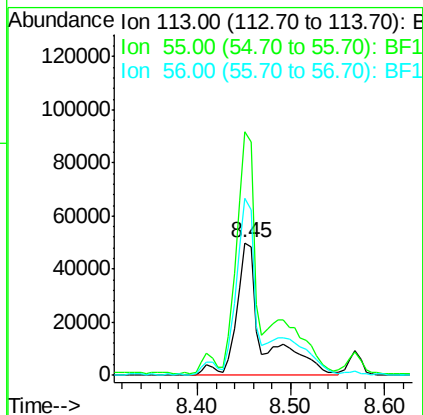
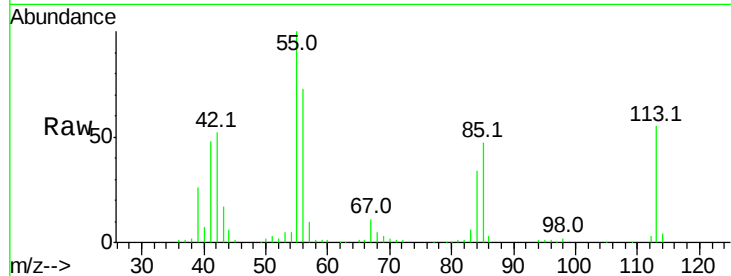
ClientSampleId :

PB106012BS

Tot Ion:	113	Resp:	99819
Ion	Ratio	Lower	Upper
113	100		
55	183.4	163.3	203.3
56	133.7	115.7	155.7

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#36

4-Chloro-3-methylphenol

Concen: 44.859 ng/ml

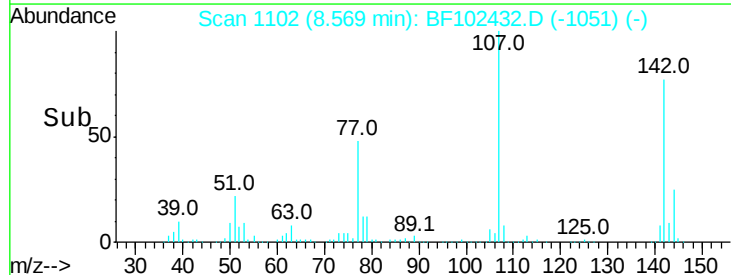
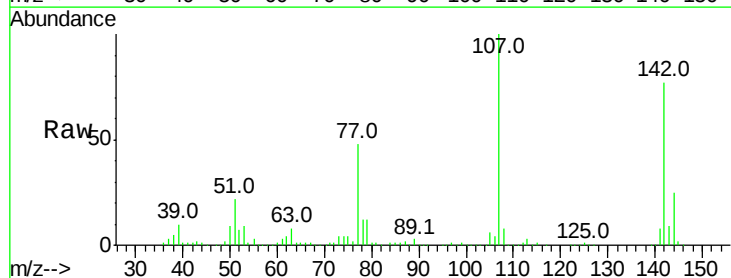
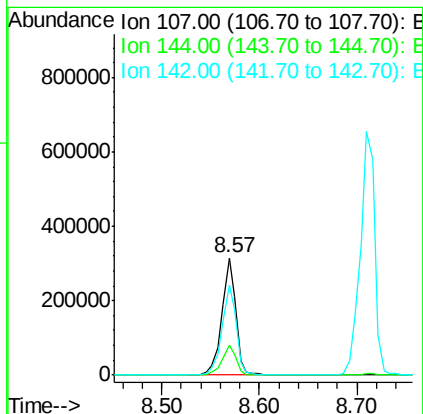
RT: 8.57 min Scan# 1102

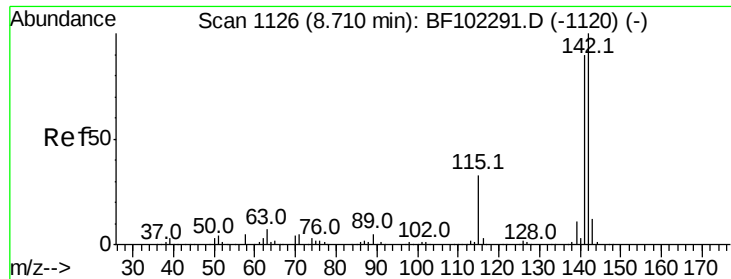
Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:	107	Resp:	315891
Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	77.3	62.0	93.0





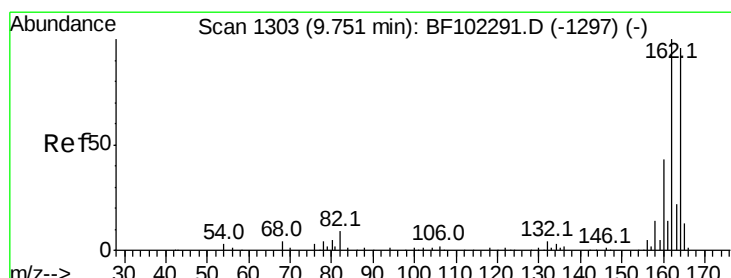
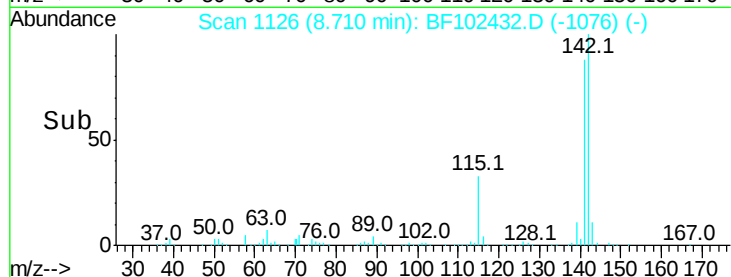
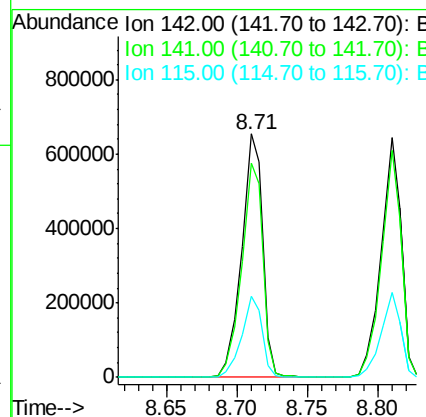
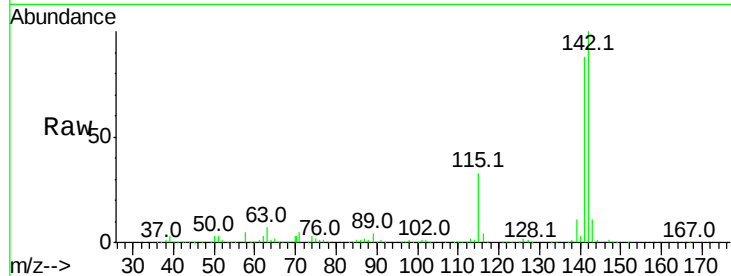
#37
2-Methylnaphthalene
Concen: 42.164 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	675626		
141	88.1		70.8	106.2
115	33.4		26.1	39.1

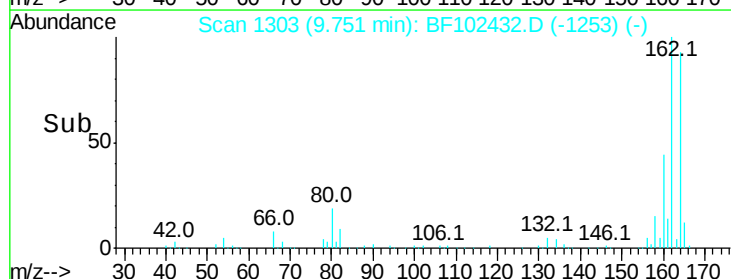
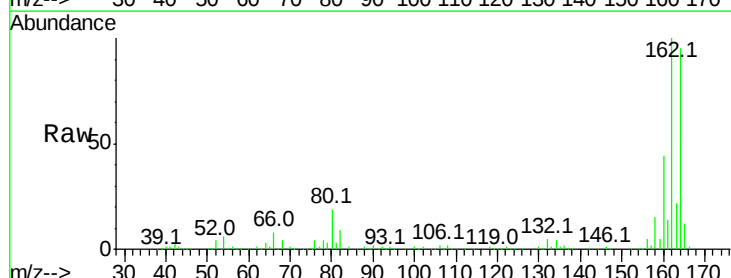
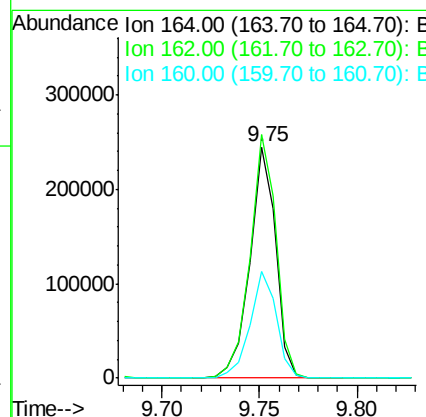
Manual Integrations
APPROVED

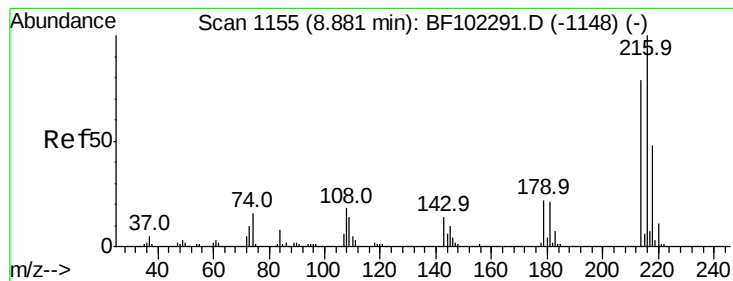
Sohil
1/26/2018 11:24:28 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224149		
162	105.2		86.1	129.1
160	46.3		38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.385 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

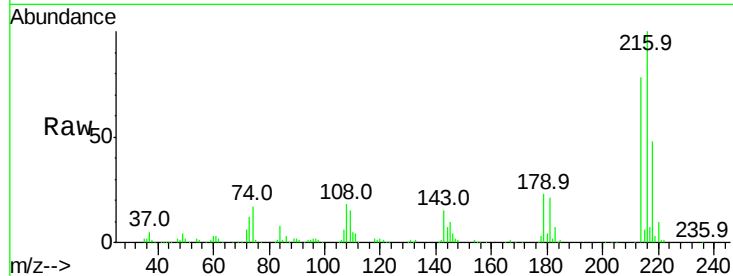
ClientSampleId :

PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	265600		
214	79.0	63.0	94.4	
179	22.6	18.1	27.1	
108	22.9	17.2	25.8	

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

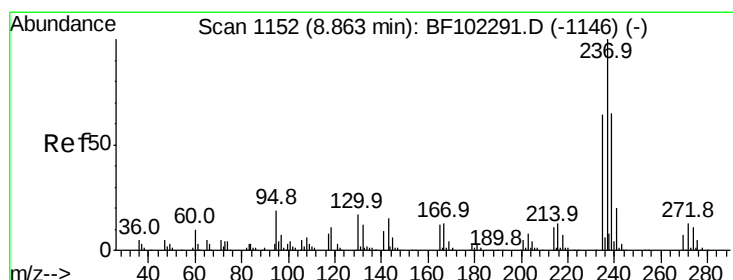
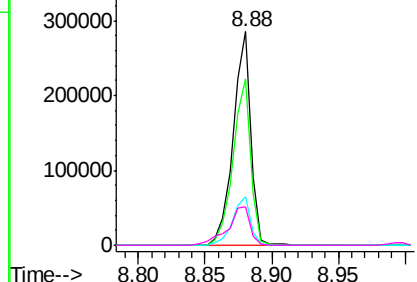
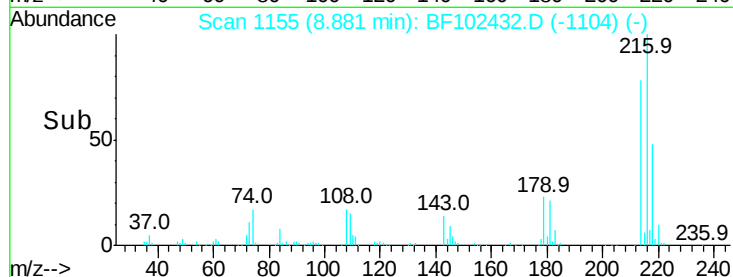


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.351 ng

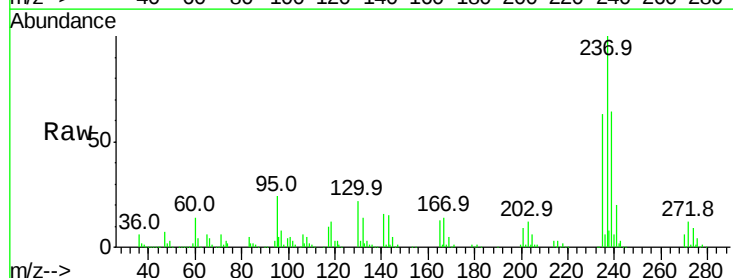
RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

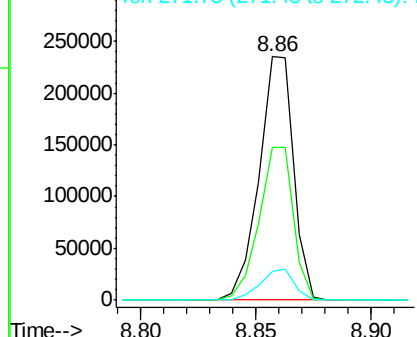
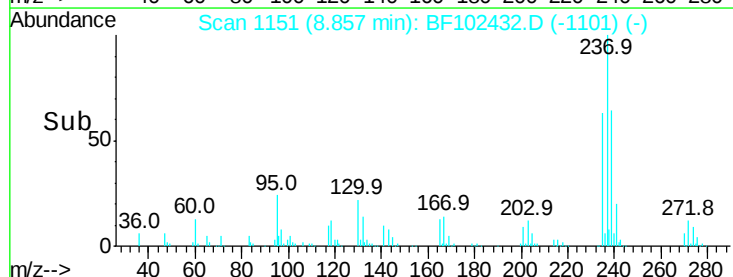
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	245516		
235	62.6	44.8	84.8	
272	11.7	0.0	33.3	

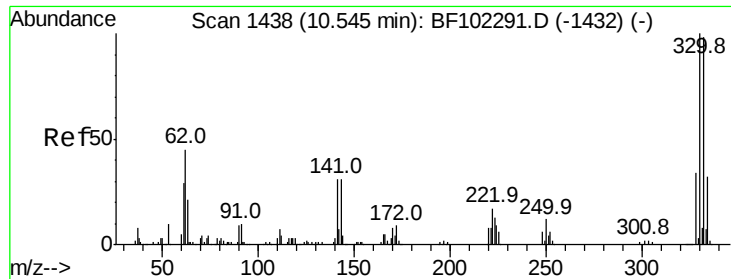


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





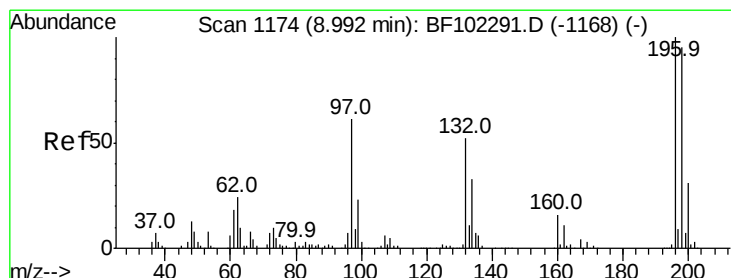
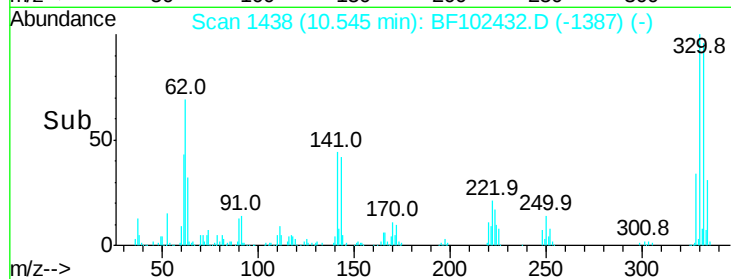
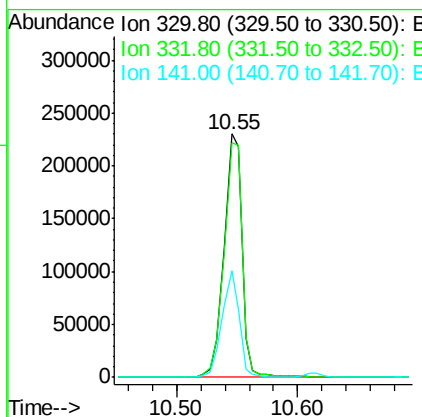
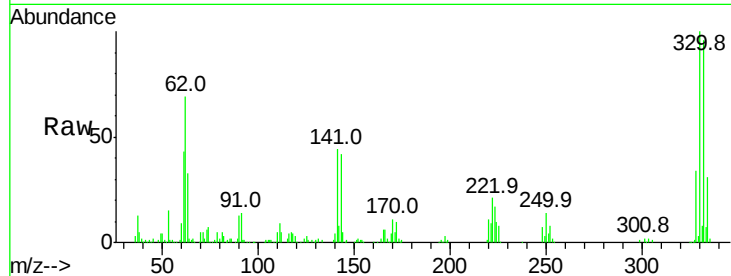
#41
 2,4,6-Tribromophenol
 Concen: 107.576 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	238925		
332	98.2	77.0	115.6	
141	41.5	29.9	44.9	

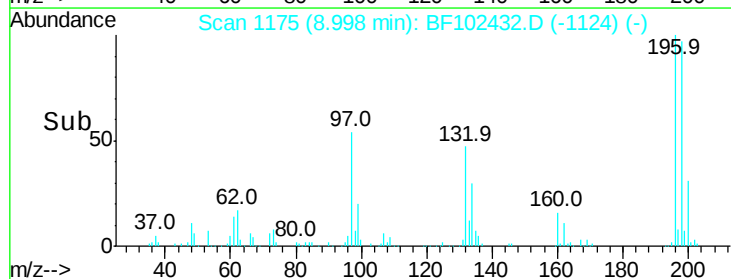
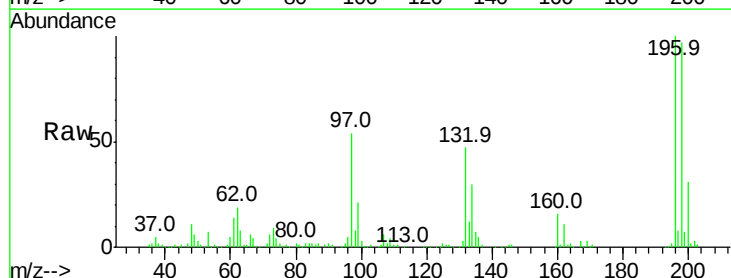
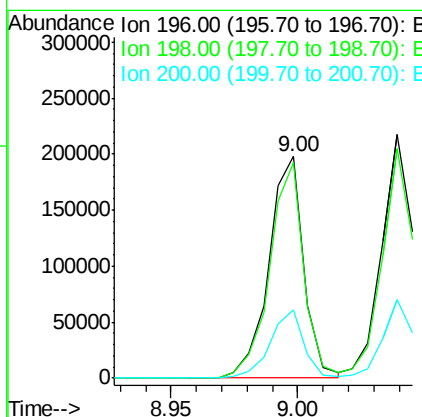
Manual Integrations
 APPROVED

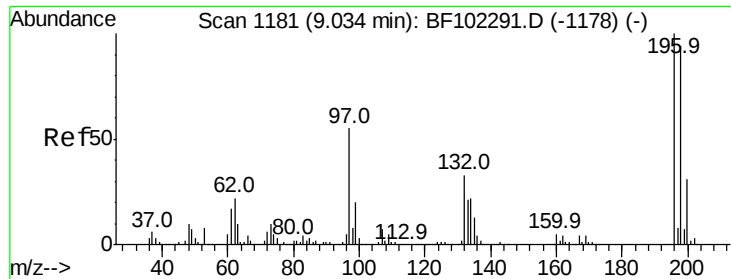
Sohil
 1/26/2018 11:24:28 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.245 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190714		
198	97.3	75.7	113.5	
200	30.6	24.5	36.7	





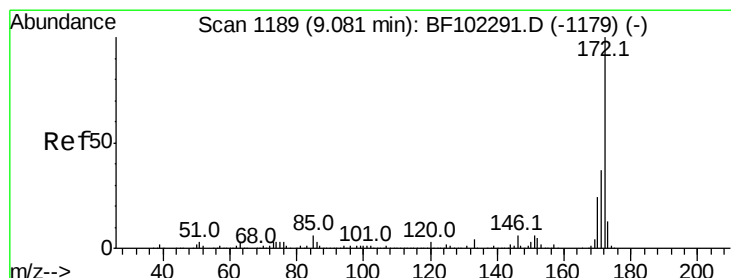
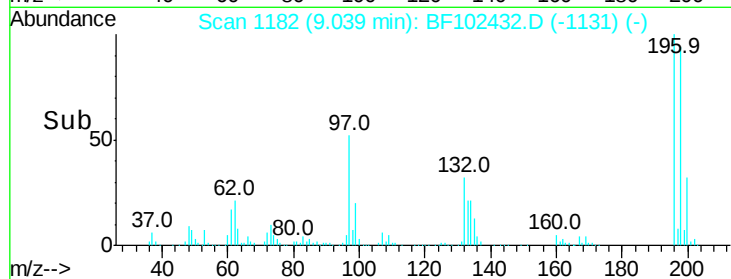
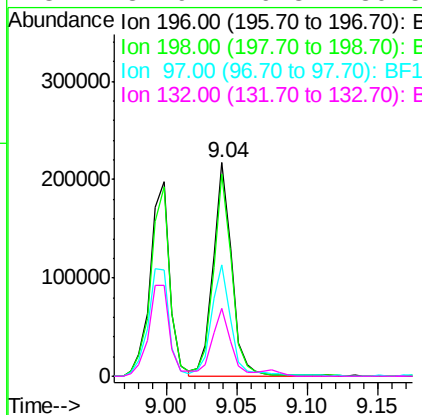
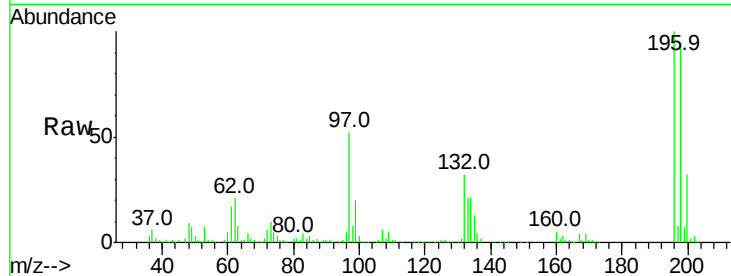
#43
 2,4,5-Trichlorophenol
 Concen: 39.469 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200618		
198	94.5		74.6	112.0
97	51.9		42.9	64.3
132	31.9		26.3	39.5

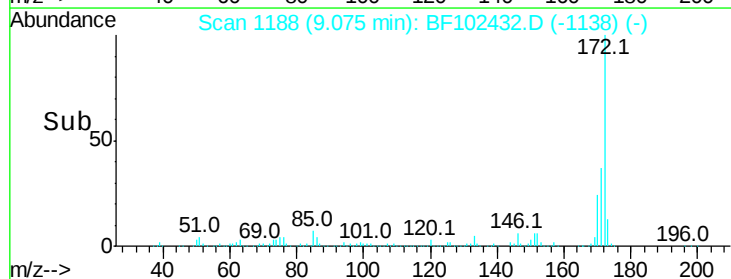
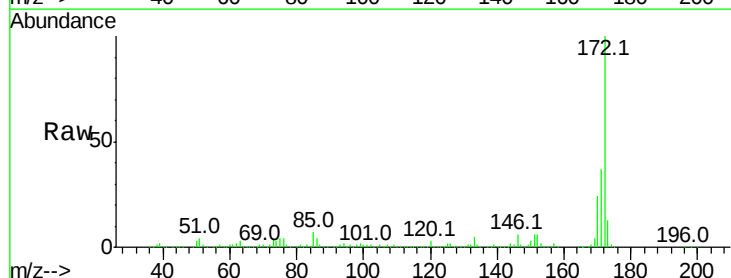
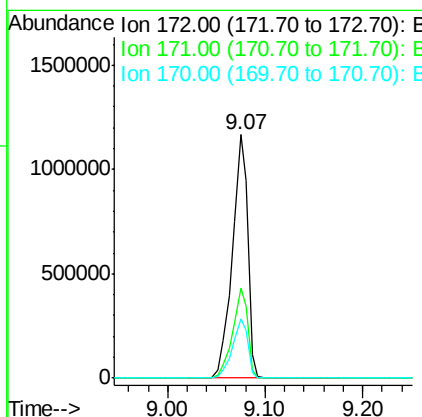
Manual Integrations
 APPROVED

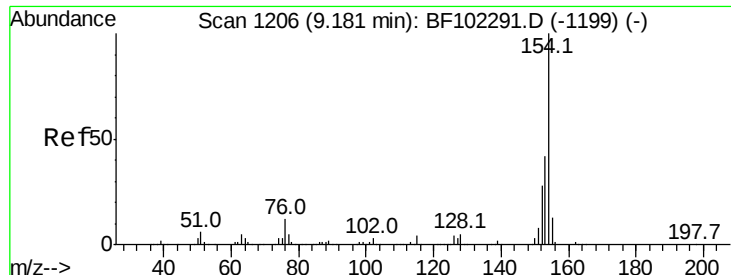
Sohil
 1/26/2018 11:24:28 AM



#44
 2-Fluorobiphenyl
 Concen: 83.750 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1276737		
171	36.8		29.7	44.5
170	24.4		19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.530 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

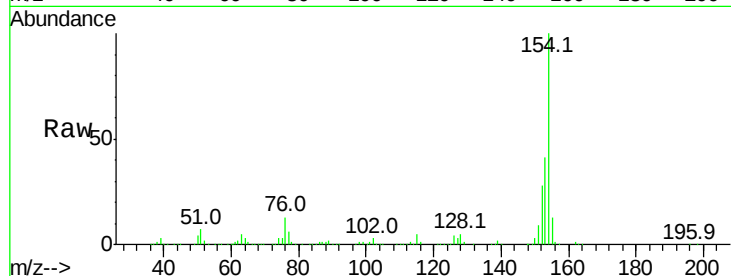
ClientSampled :

PB106012BS

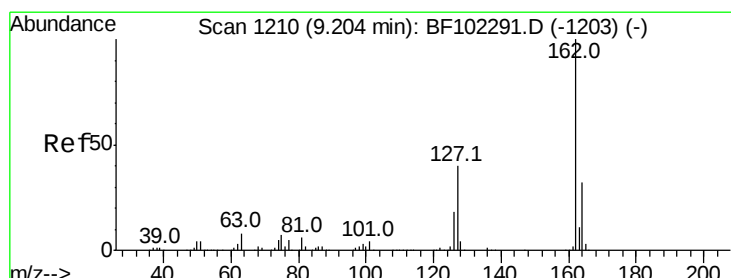
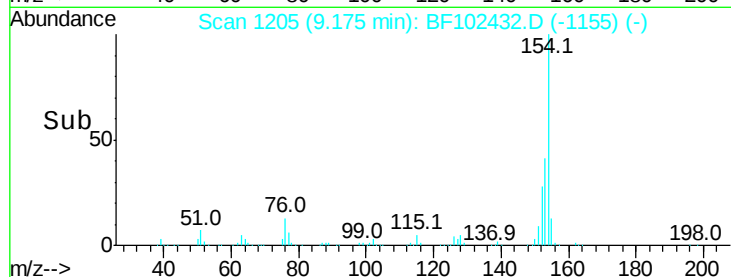
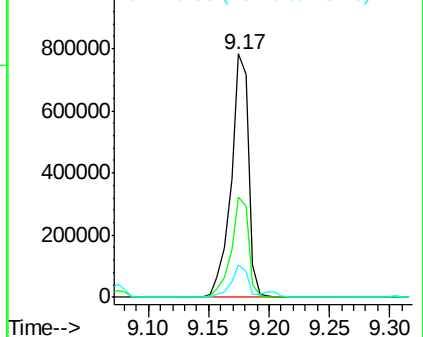
Tot Ion:	154	Resp:	792274
Ion Ratio	Lower	Upper	
154	100		
153	41.3	21.3	61.3
76	13.1	0.0	34.0

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



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: 39.393 ng

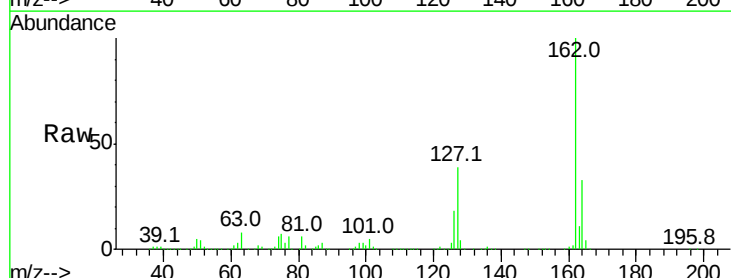
RT: 9.20 min Scan# 1210

Delta R.T. 0.00 min

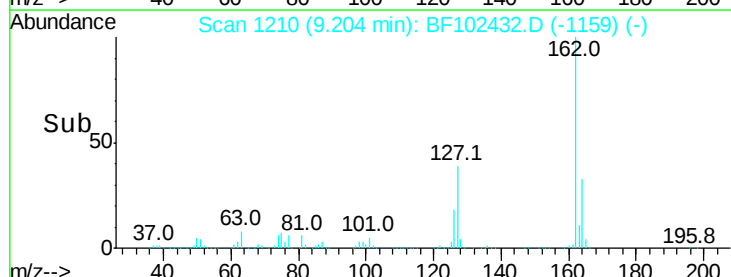
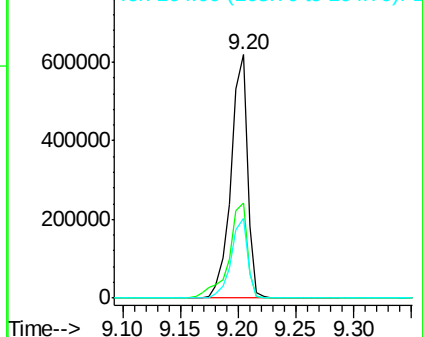
Lab File: BF102432.D

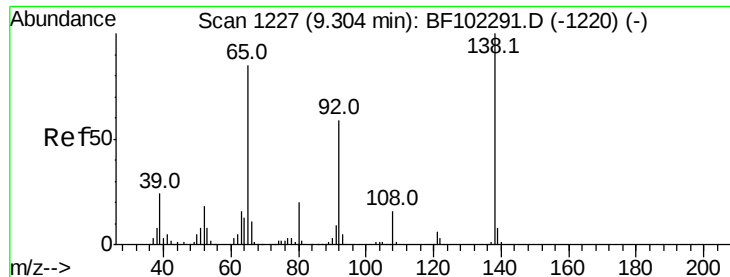
Acq: 25 Jan 2018 19:17

Tgt Ion:	162	Resp:	613694
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	32.9	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





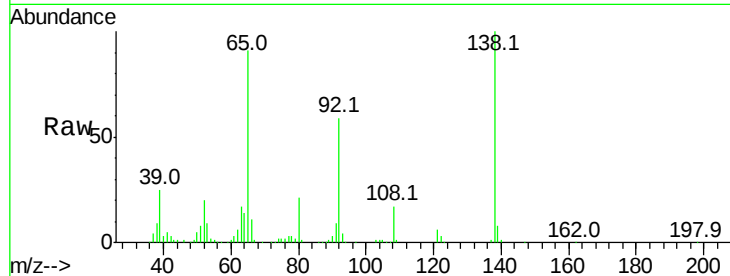
#47
2-Nitroaniline
Concen: 41.045 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	55.8	83.6
138	109.4	91.2	136.8

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

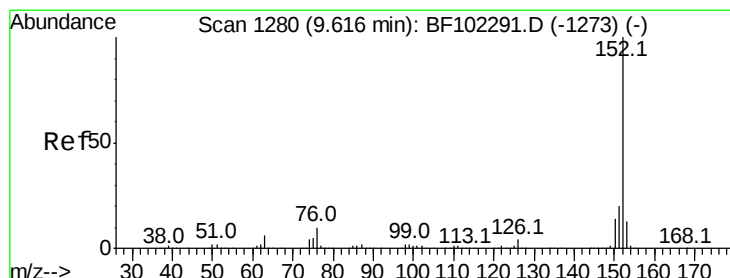
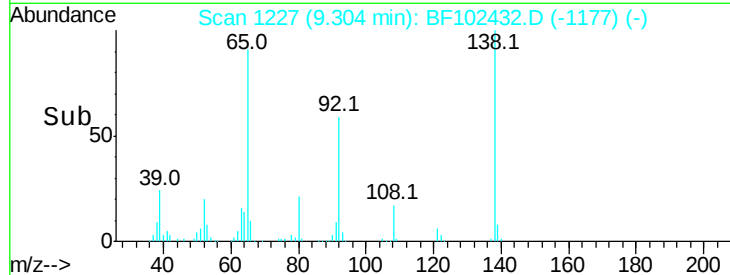
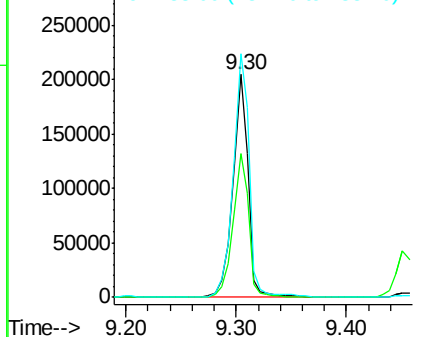


Abundance

Ion 65.00 (64.70 to 65.70): BF1

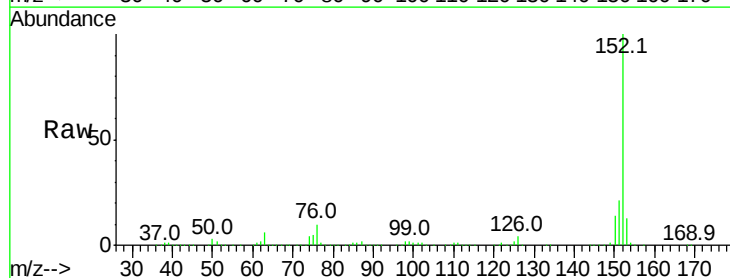
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 38.664 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.3	10.7	16.1

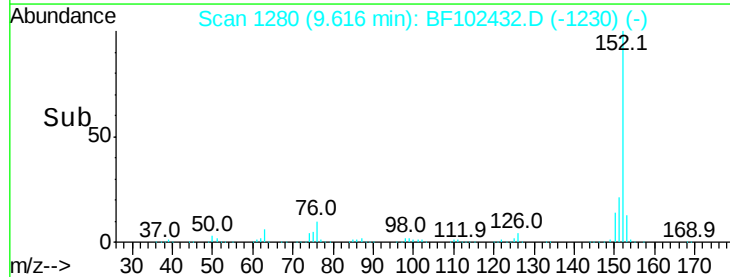
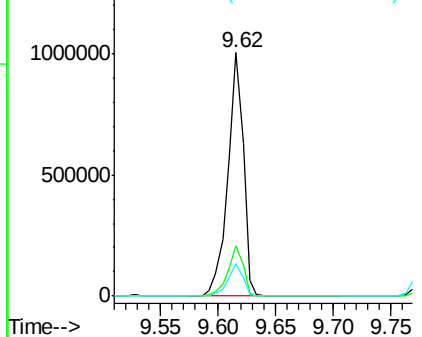


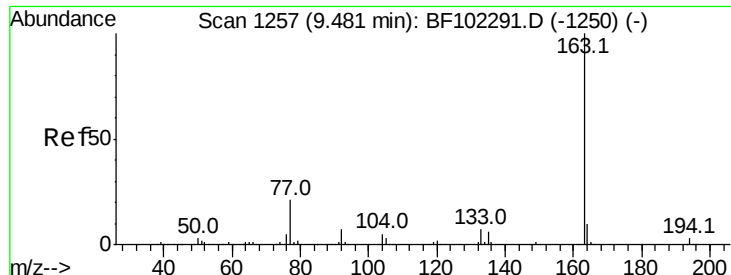
Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





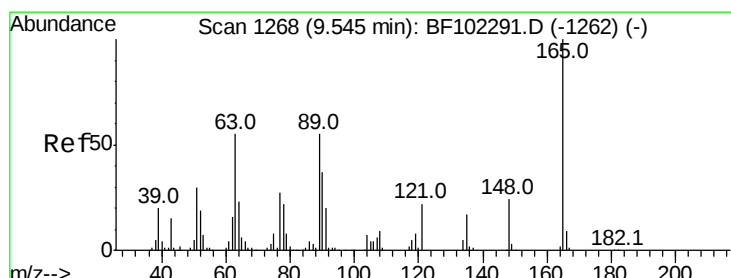
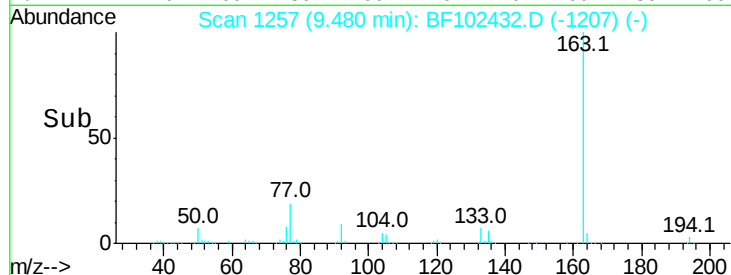
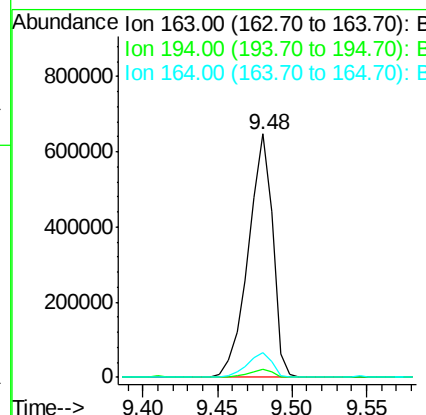
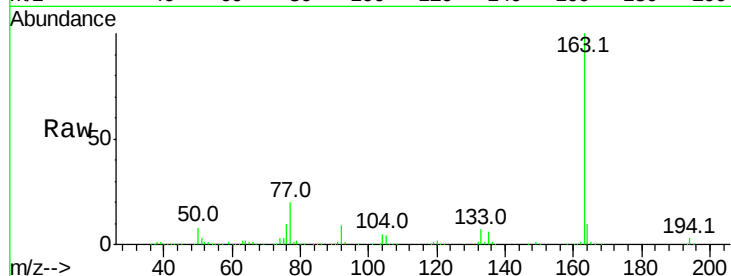
#49
Dimethylphthalate
Concen: 39.546 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.3	8.2	12.2	

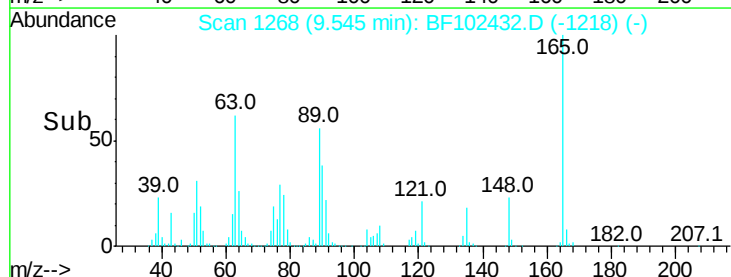
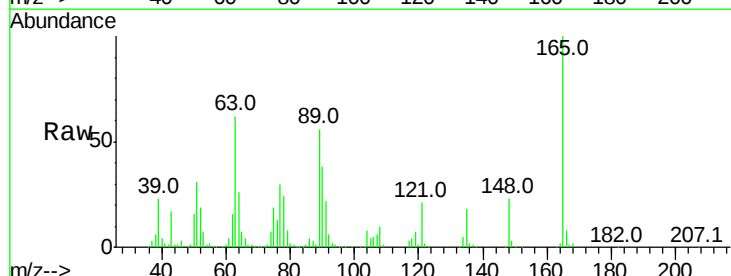
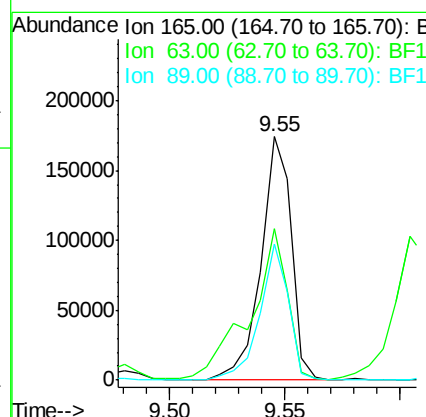
Manual Integrations
APPROVED

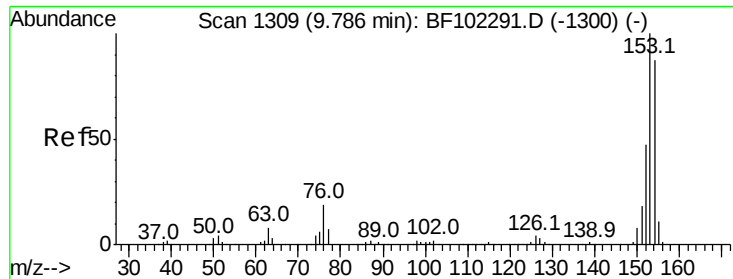
Sohil
1/26/2018 11:24:28 AM



#50
2,6-Dinitrotoluene
Concen: 40.069 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.3	44.7	67.1	
89	55.9	44.0	66.0	





#51

Acenaphthene

Concen: 38.722 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

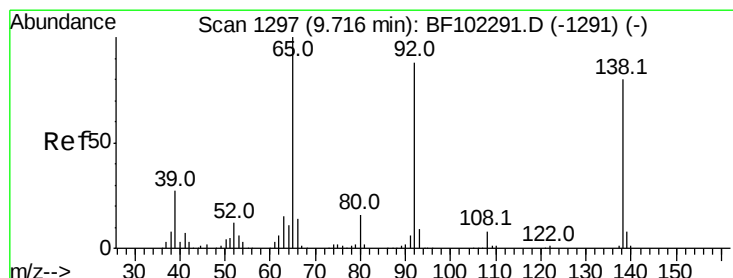
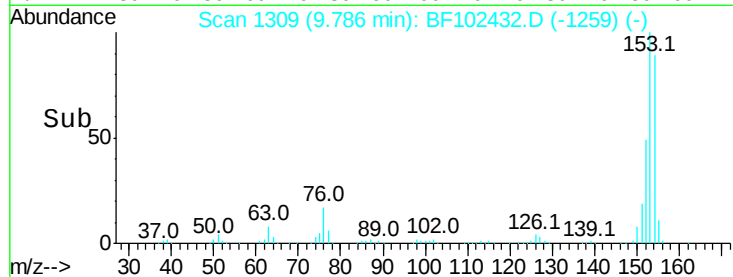
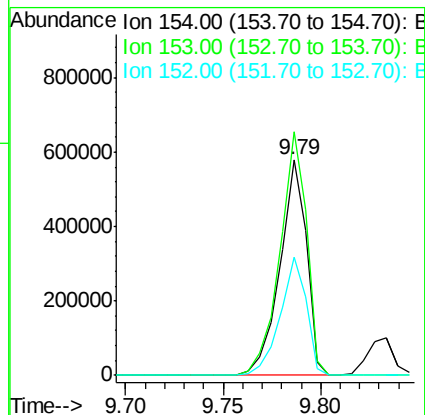
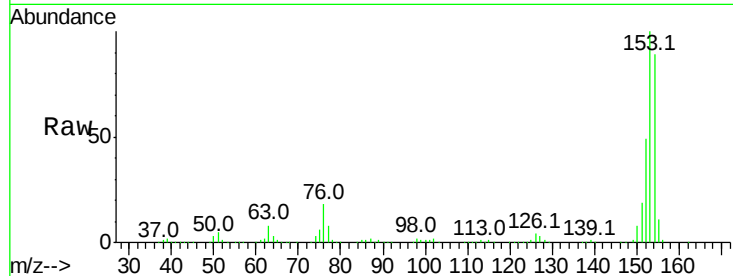
ClientSampleId :

PB106012BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.2	136.8
152	55.0	43.8	65.8

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#52

3-Nitroaniline

Concen: 19.848 ng

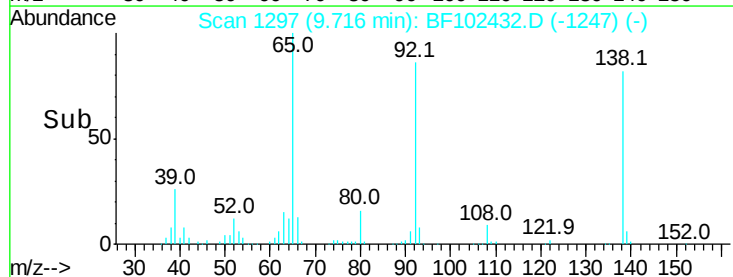
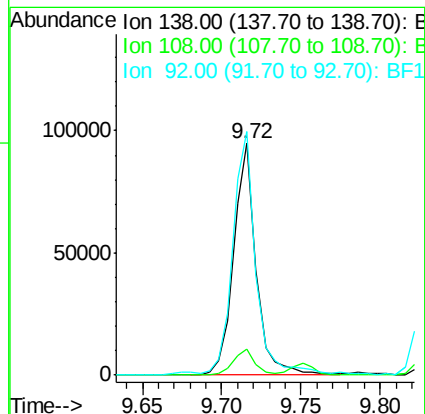
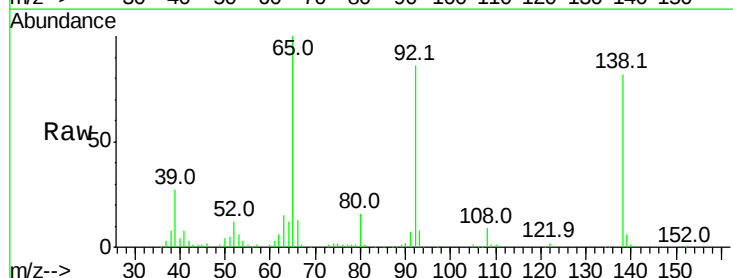
RT: 9.72 min Scan# 1297

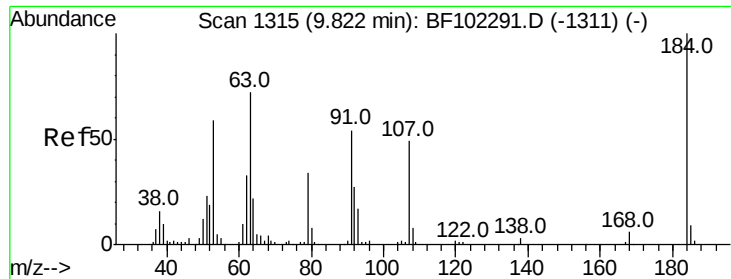
Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.0
92	105.2	89.4	134.2





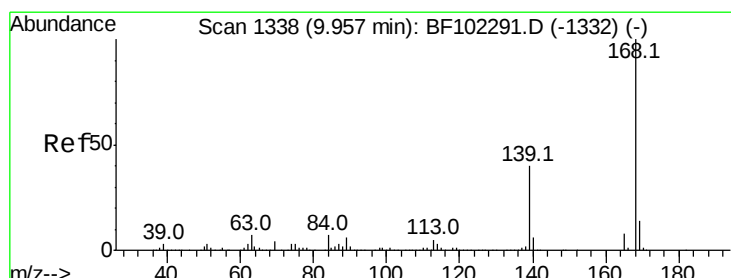
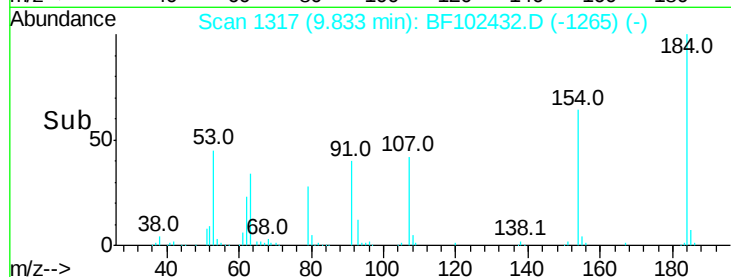
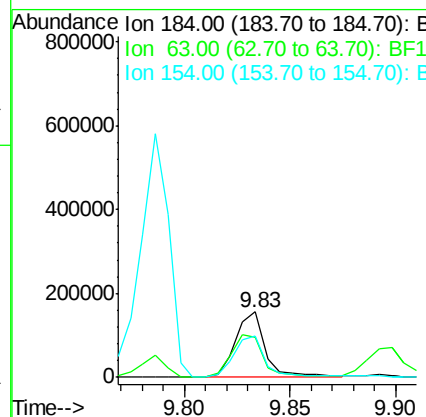
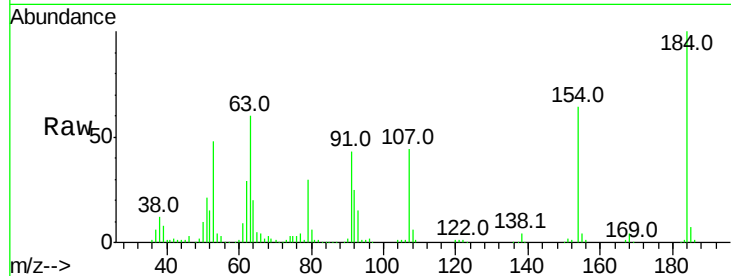
#53
 2,4-Dinitrophenol
 Concen: 85.775 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	154231		
63	60.4	54.2	81.2	
154	63.7	184.0	276.0#	

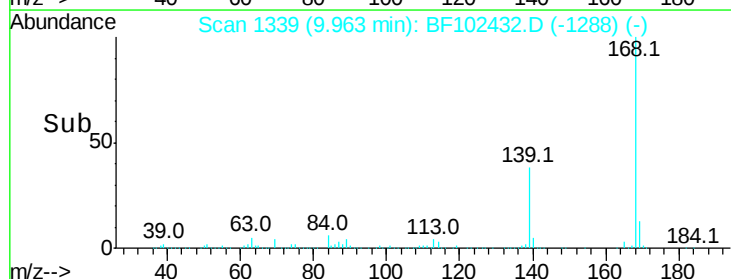
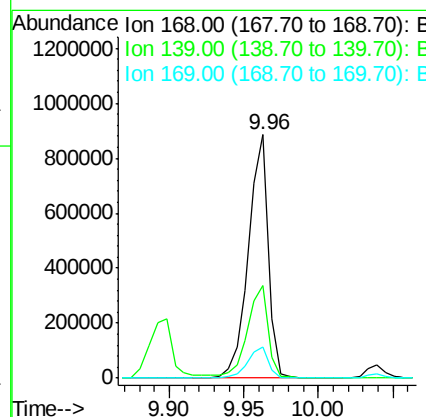
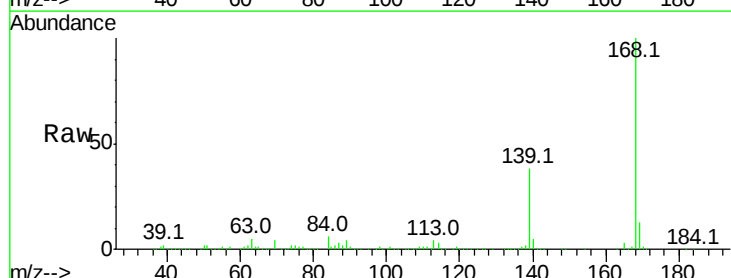
Manual Integrations
 APPROVED

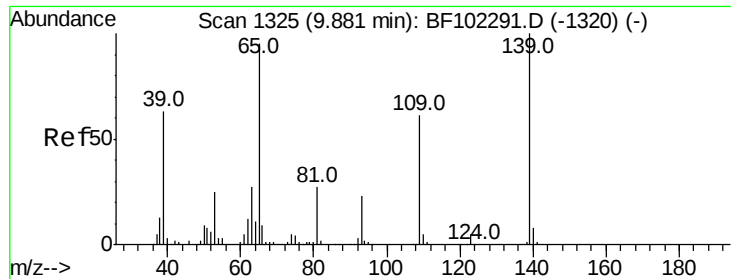
Sohil
 1/26/2018 11:24:28 AM



#54
 Dibenzofuran
 Concen: 42.549 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	816255		
139	38.1	30.1	45.1	
169	12.9	10.9	16.3	





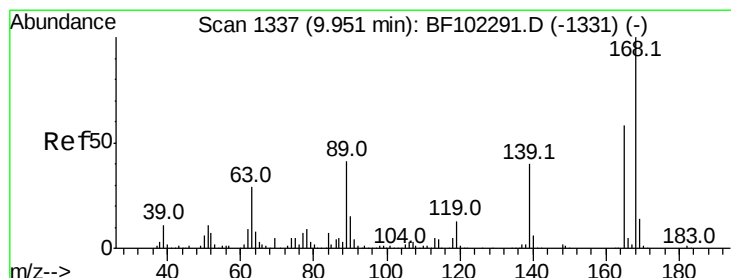
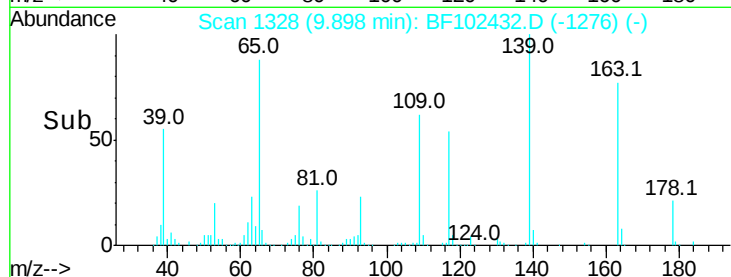
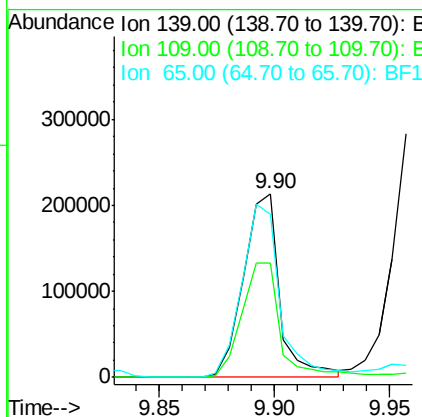
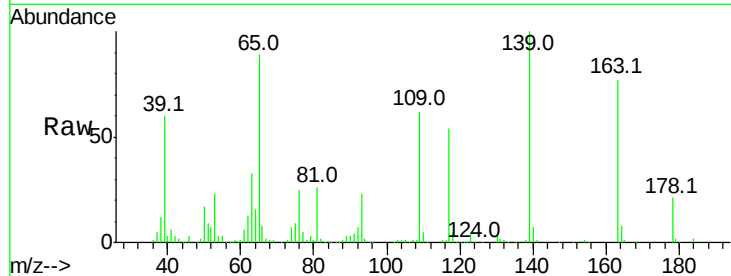
#55
4-Nitrophenol
Concen: 75.563 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	235702		
109	62.2	48.4	88.4	
65	88.5	72.6	112.6	

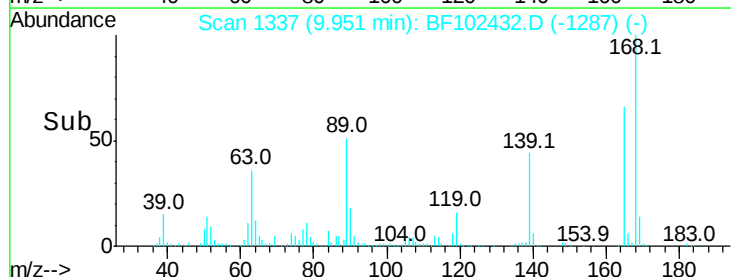
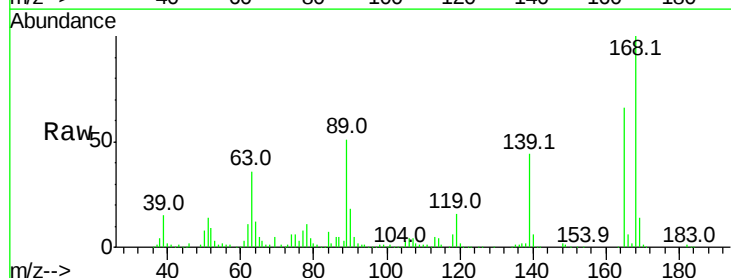
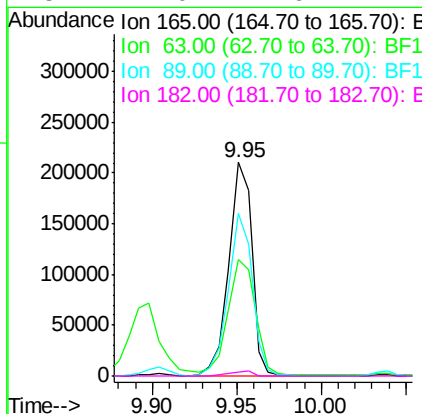
Manual Integrations
APPROVED

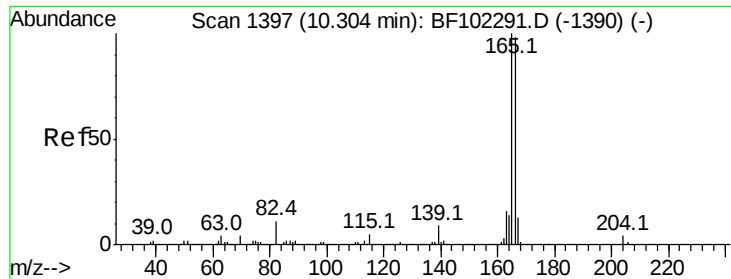
Sohil
1/26/2018 11:24:28 AM



#56
2,4-Dinitrotoluene
Concen: 40.871 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200764		
63	54.3	36.4	54.6	
89	76.0	57.8	86.6	
182	2.0	1.6	2.4	





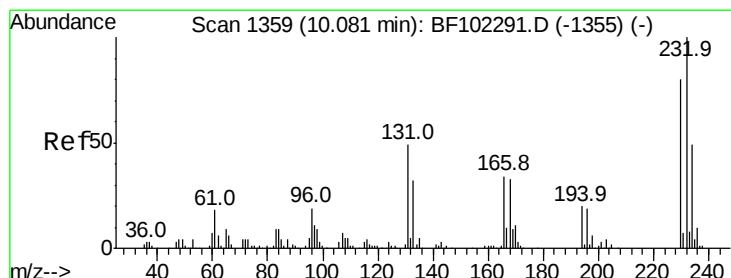
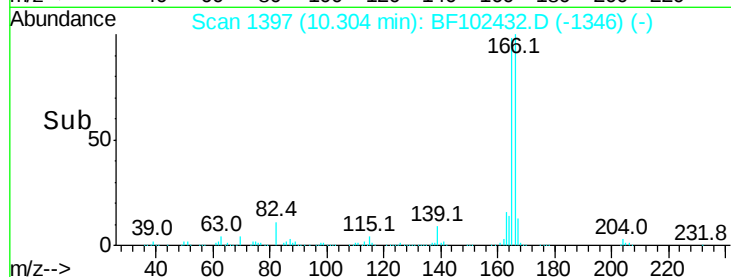
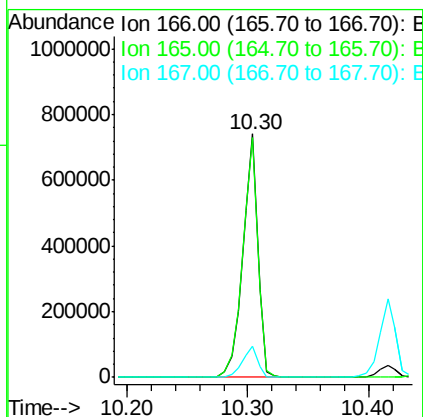
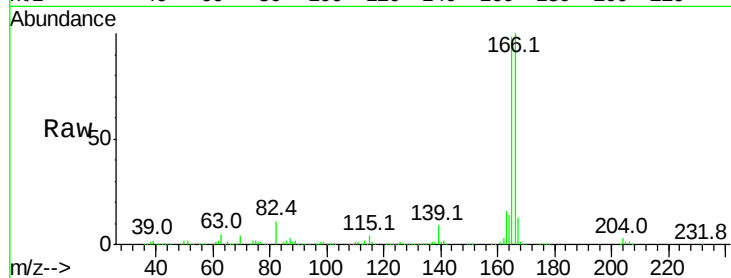
#57
Fluorene
 Concen: 42.592 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.0	10.6	16.0

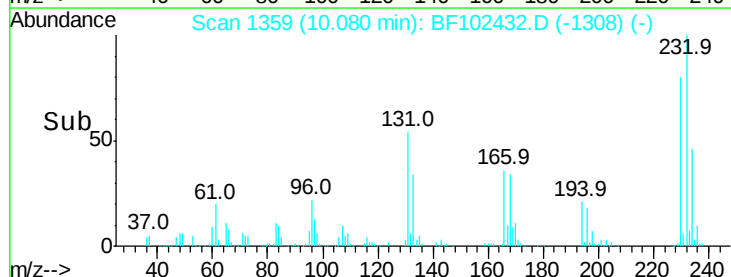
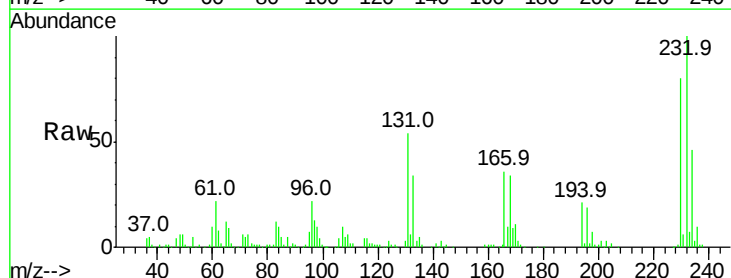
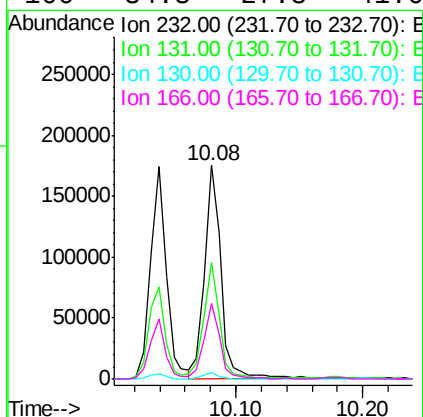
Manual Integrations
 APPROVED

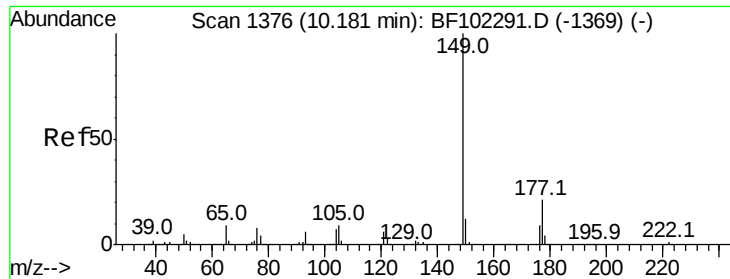
Sohil
 1/26/2018 11:24:28 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.647 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.6	43.8	65.8
130	2.7	2.1	3.1
166	34.3	27.8	41.6





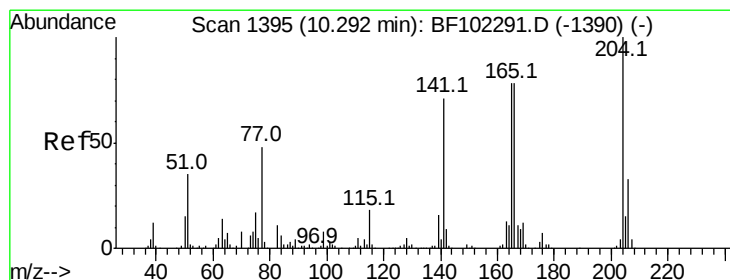
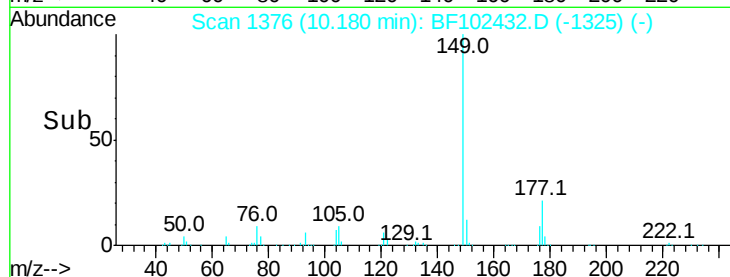
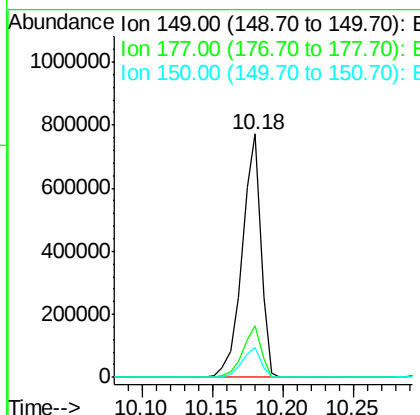
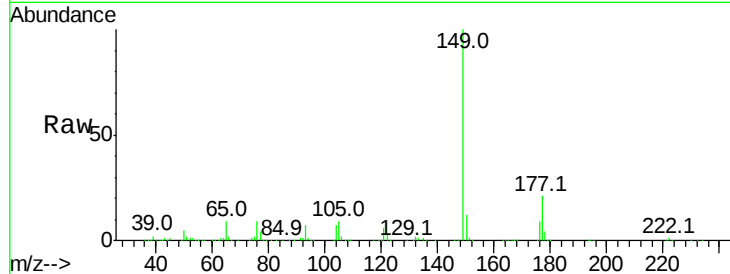
#59
Diethylphthalate
Concen: 39.647 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampled :
PB106012BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.1	24.1
150	12.3	10.1	15.1

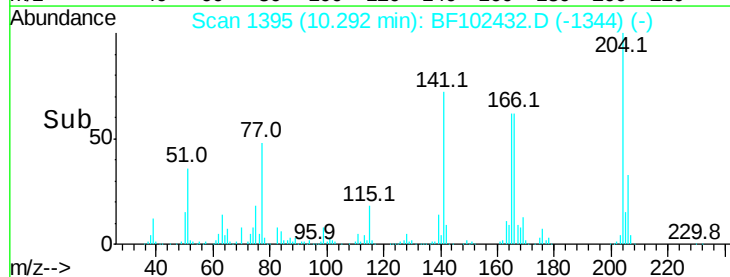
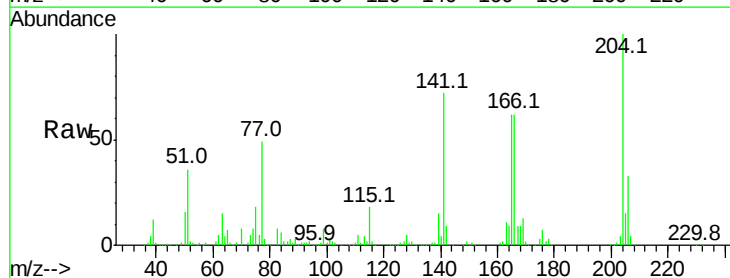
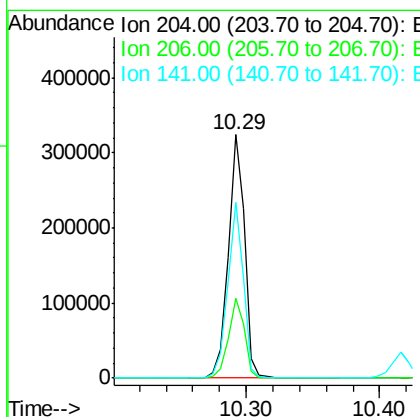
Manual Integrations
APPROVED

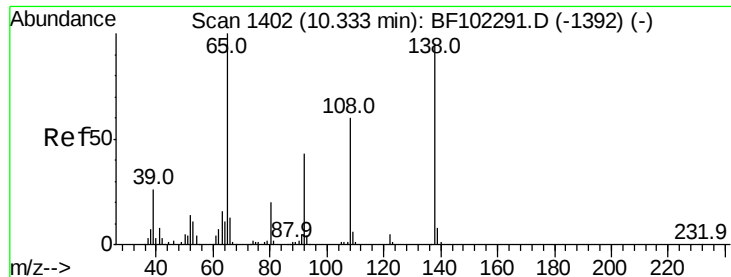
Sohil
1/26/2018 11:24:28 AM



#60
4-Chlorophenyl-phenylether
Concen: 42.368 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	72.1	54.6	81.8





#61

4-Nitroaniline

Concen: 38.281 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion:138 Resp: 180508

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

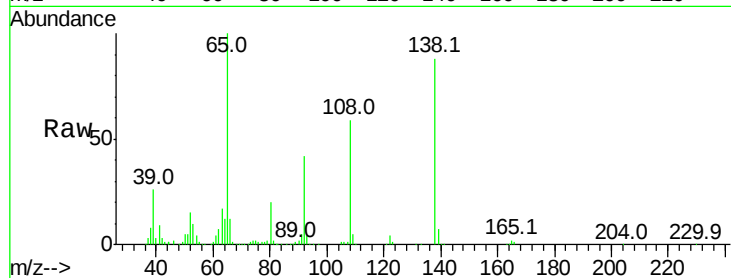
108 67.5 52.5 92.5

Manual Integrations

APPROVED

Sohil

1/26/2018 11:24:28 AM

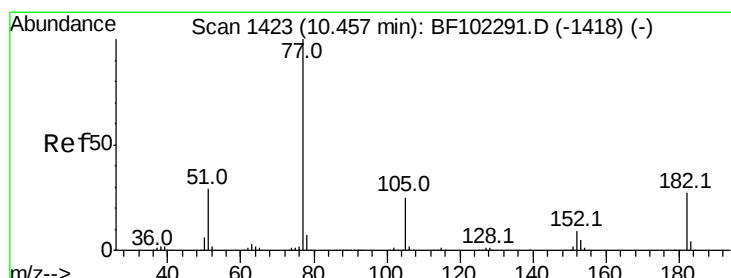
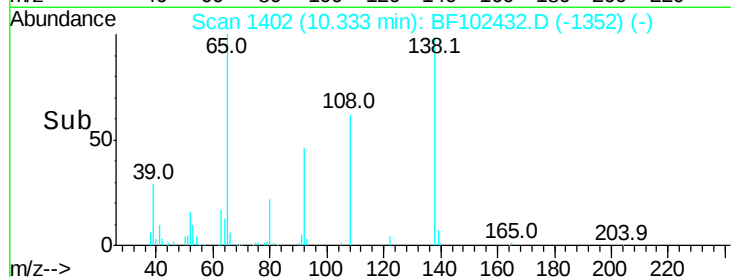
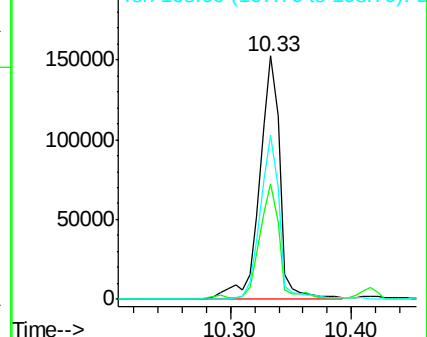


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.116 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion: 77 Resp: 677743

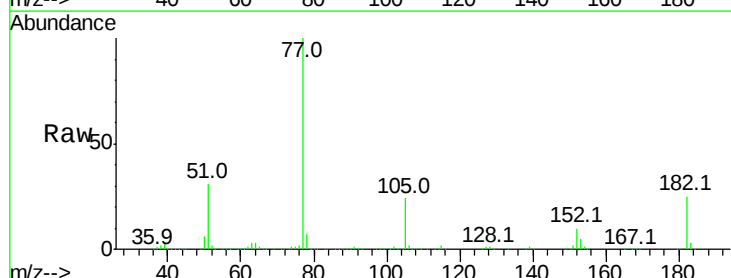
Ion Ratio Lower Upper

77 100

182 25.3 1.7 41.7

105 24.4 3.0 43.0

51 30.6 9.9 49.9



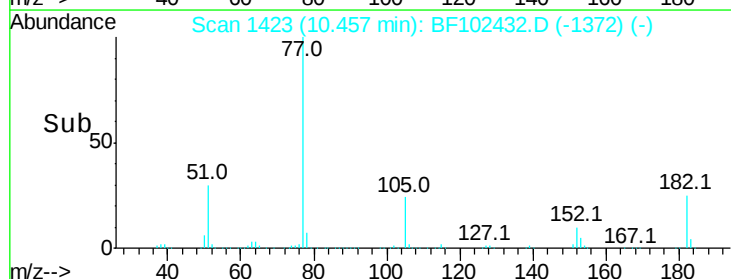
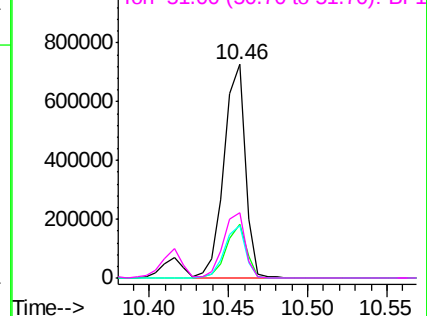
Abundance

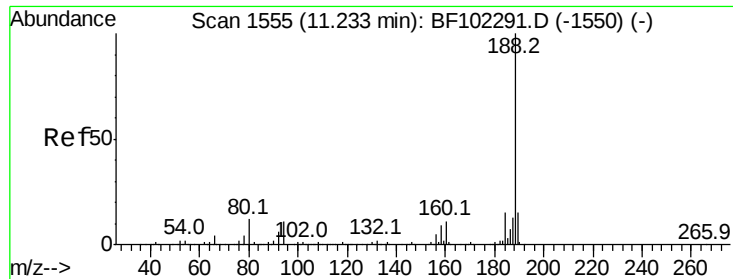
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





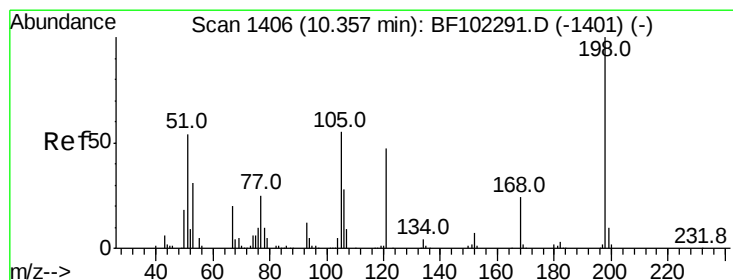
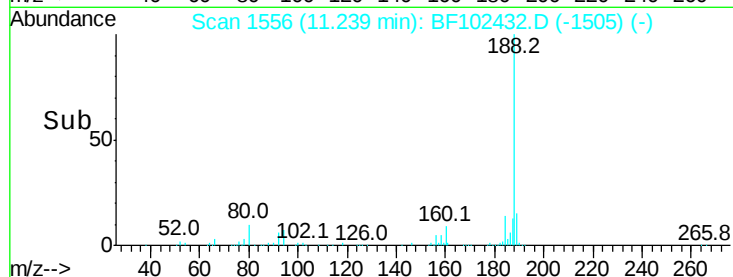
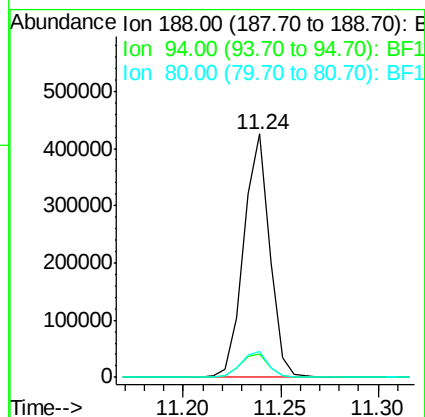
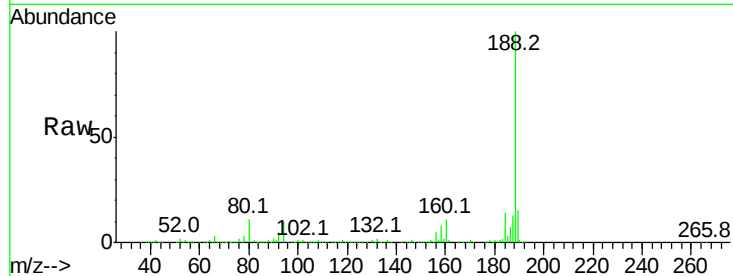
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	392634		
94	9.7		8.5	12.7
80	10.6		9.2	13.8

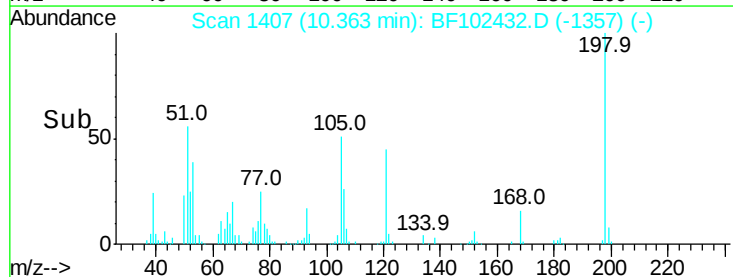
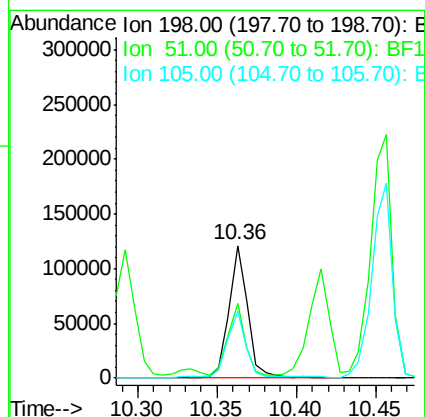
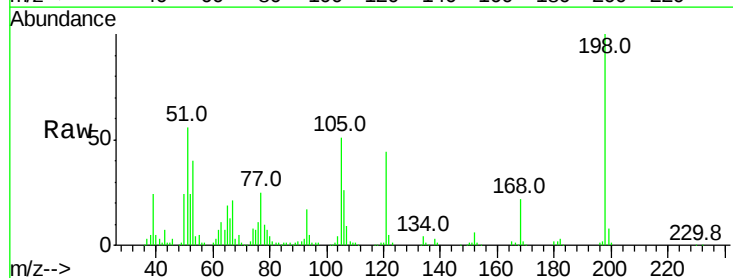
Manual Integrations
APPROVED

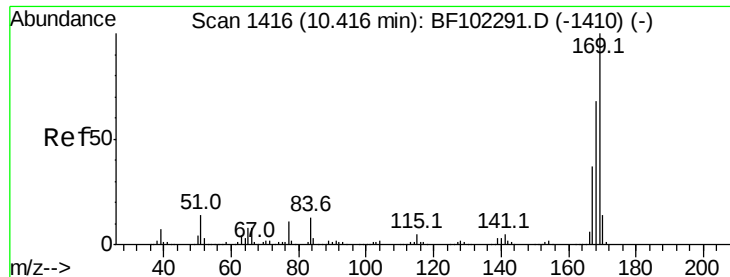
Sohil
1/26/2018 11:24:28 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.242 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	100174		
51	56.2		37.7	77.7
105	50.5		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 40.535 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion:169 Resp: 584160

Ion Ratio Lower Upper

169 100

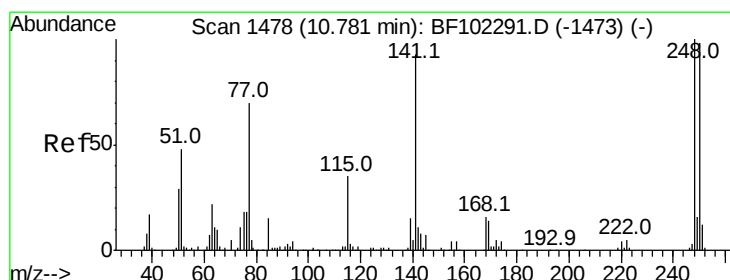
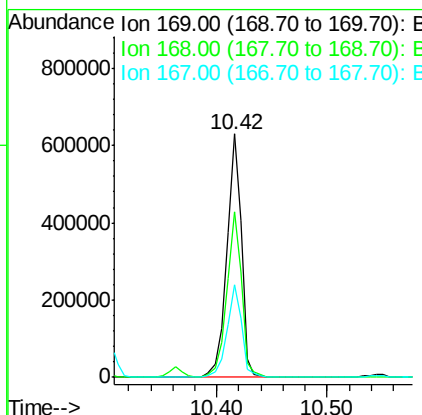
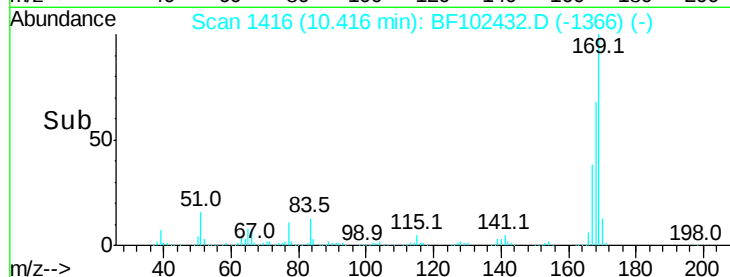
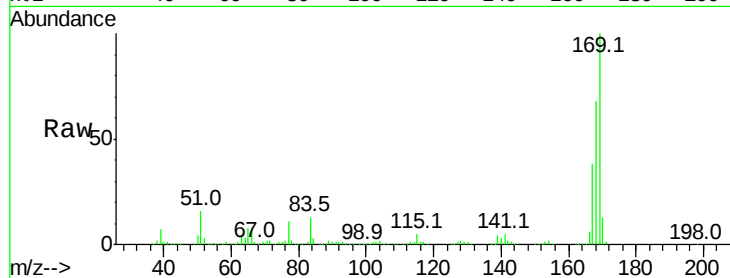
168 68.2 54.4 81.6

167 37.8 29.8 44.6

Manual Integrations
APPROVED

Sohil

1/26/2018 11:24:28 AM



#66

4-Bromophenyl-phenylether

Concen: 41.850 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

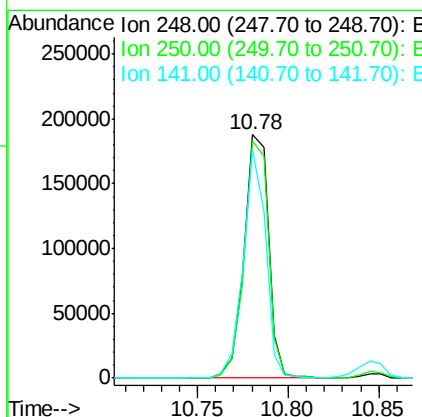
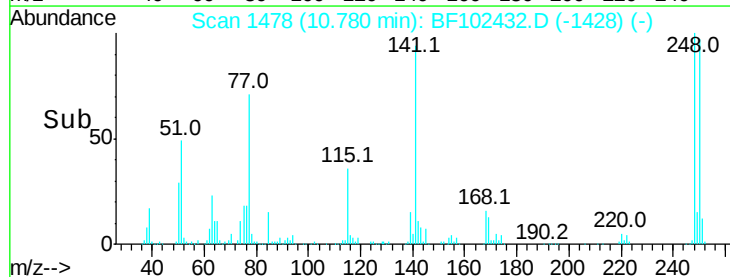
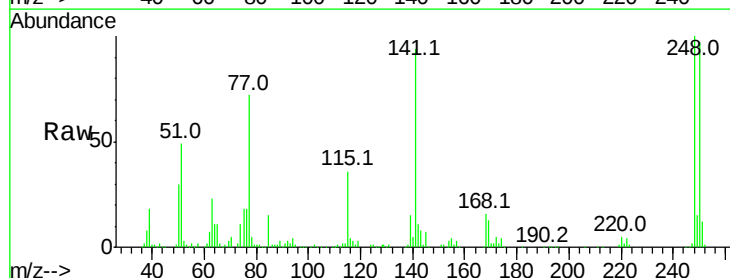
Tgt Ion:248 Resp: 176889

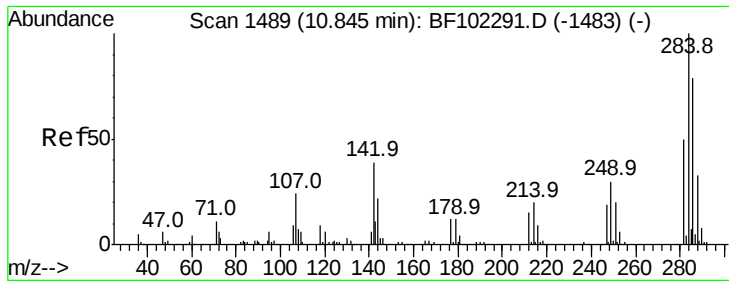
Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

141 93.8 74.4 111.6





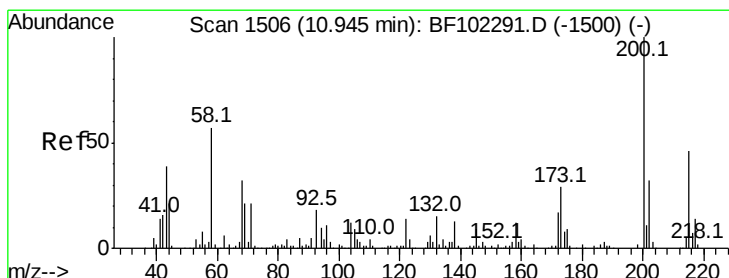
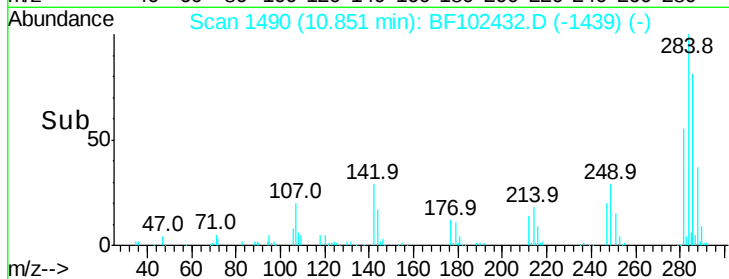
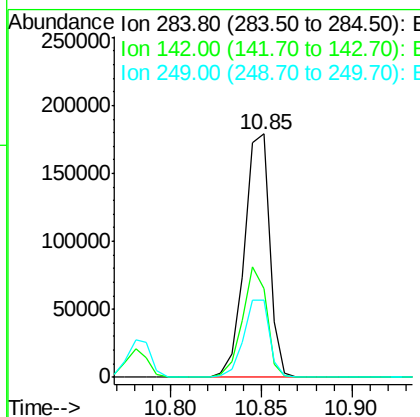
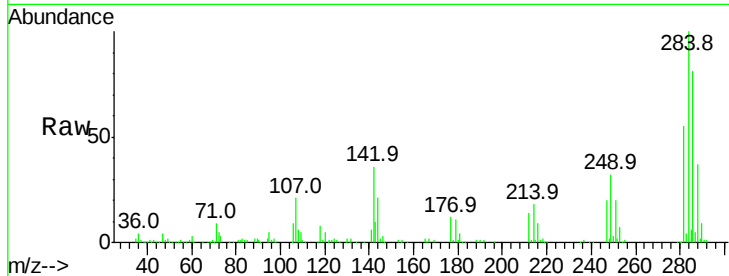
#67
Hexachlorobenzene
Concen: 36.692 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	173443		
142	36.3	34.6	52.0	
249	31.5	24.8	37.2	

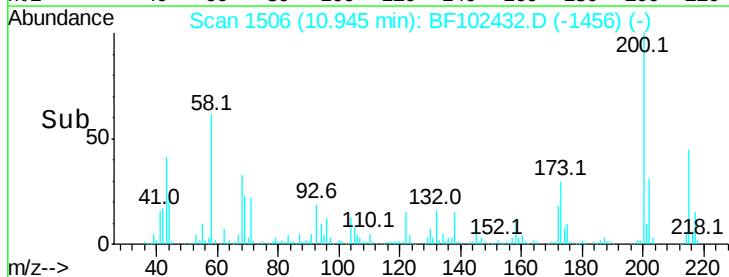
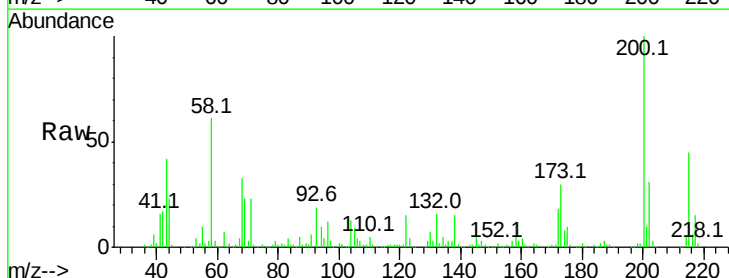
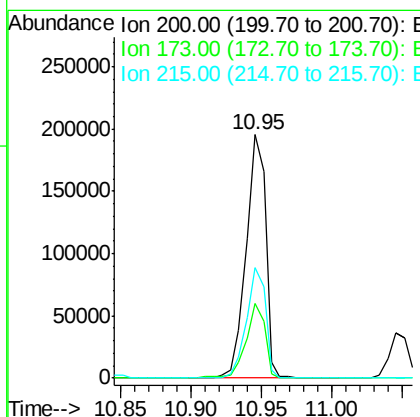
Manual Integrations
APPROVED

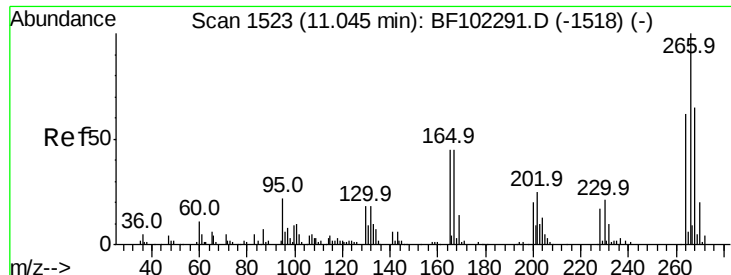
Sohil
1/26/2018 11:24:28 AM



#68
Atrazine
Concen: 44.691 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190216		
173	30.5	8.6	48.6	
215	45.3	25.1	65.1	





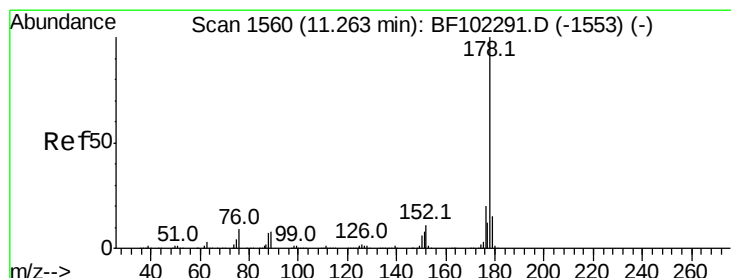
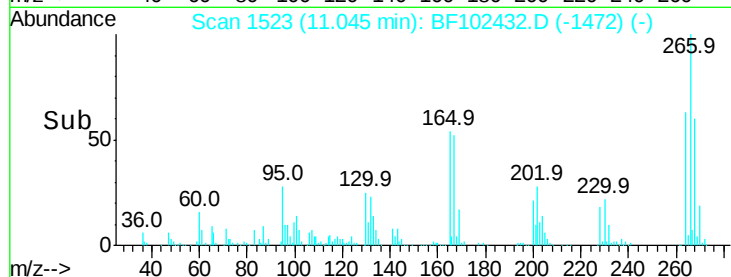
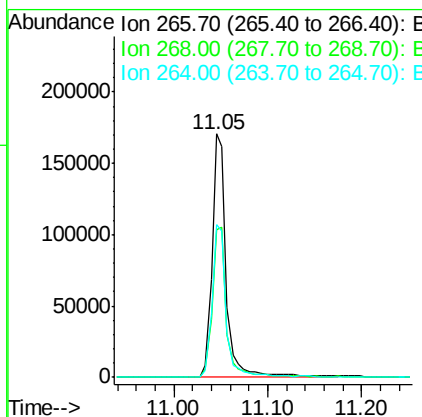
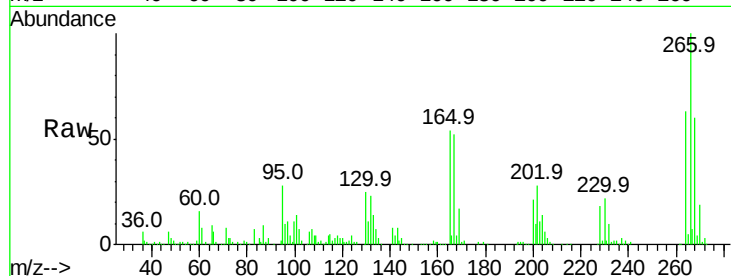
#69
 Pentachlorophenol
 Concen: 73.991 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.4	51.1	76.7
264	62.5	49.5	74.3

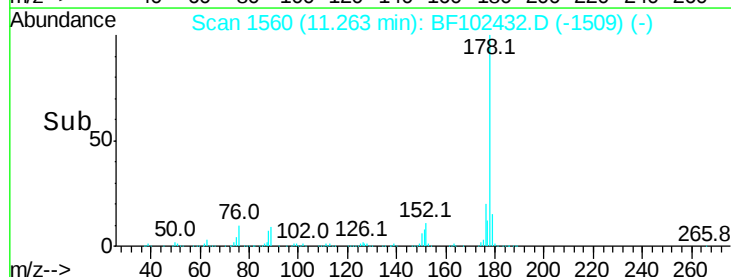
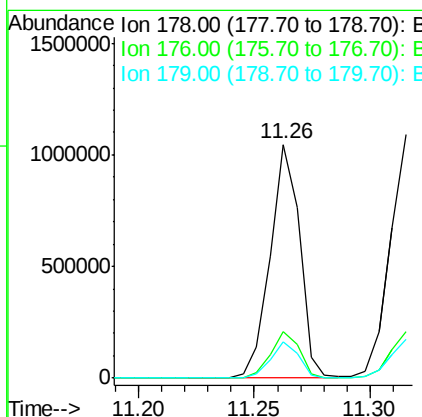
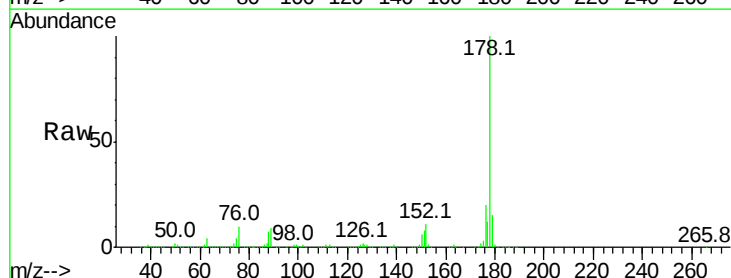
Manual Integrations
 APPROVED

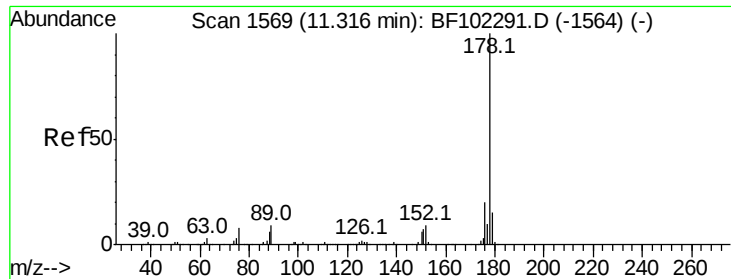
Sohil
 1/26/2018 11:24:28 AM



#70
 Phenanthrene
 Concen: 40.550 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	13.0	19.6





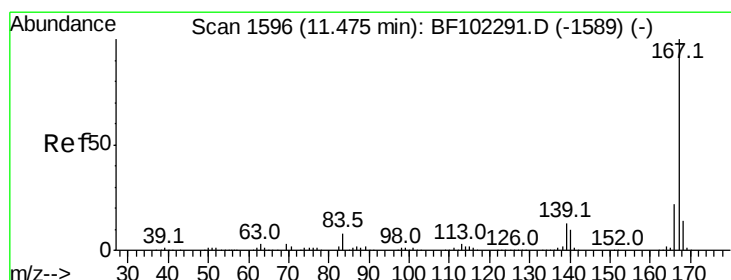
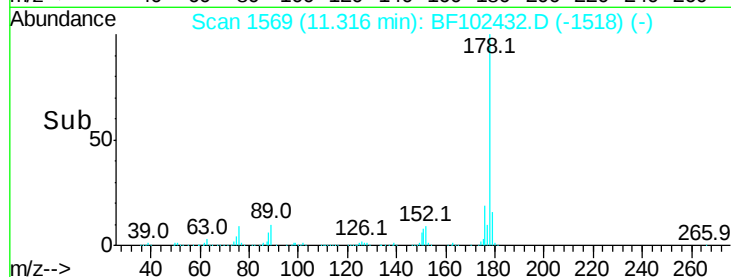
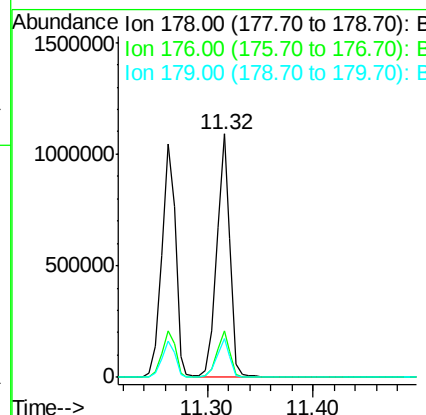
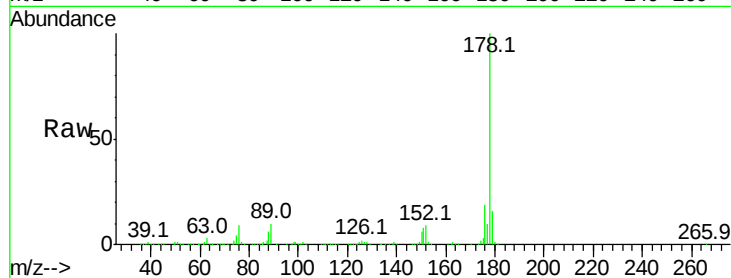
#71
 Anthracene
 Concen: 41.298 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampled :
 PB106012BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

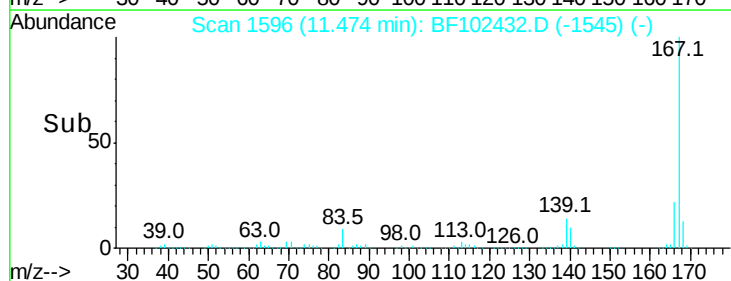
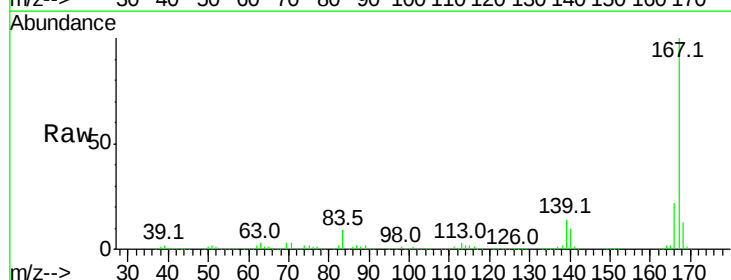
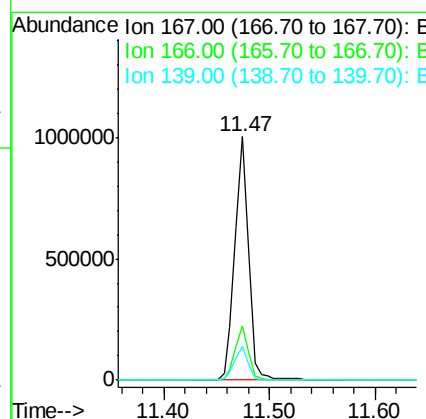
Manual Integrations
 APPROVED

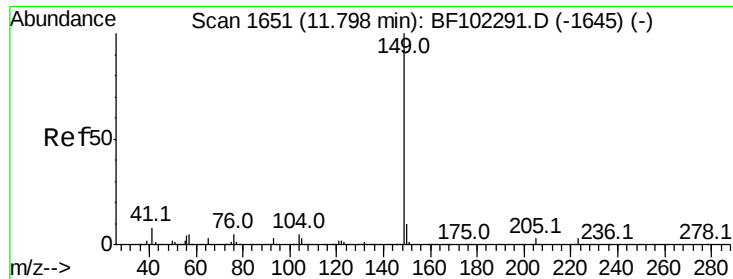
Sohil
 1/26/2018 11:24:28 AM



#72
 Carbazole
 Concen: 39.846 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.088 ng

RT: 11.80 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion:149 Resp: 1141627

Ion Ratio Lower Upper

149 100

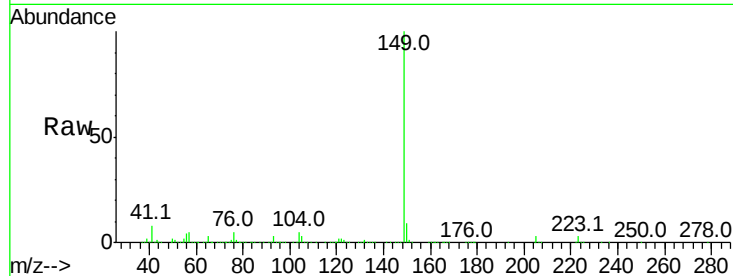
150 9.3 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
APPROVED

Sohil

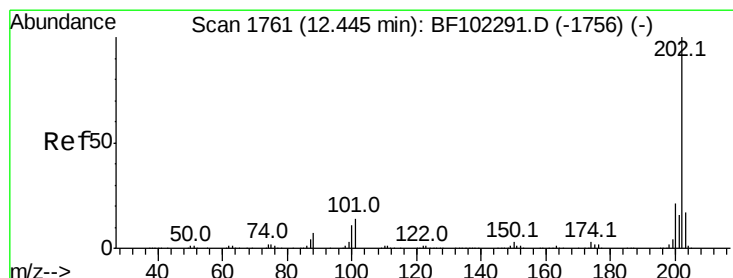
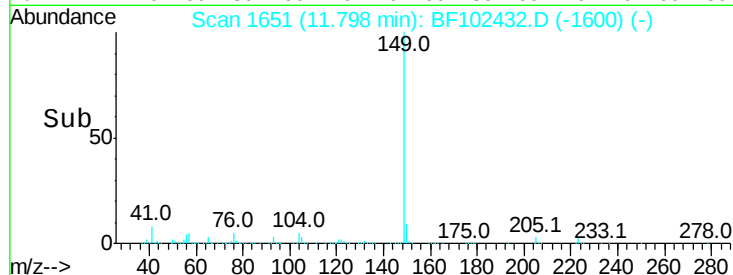
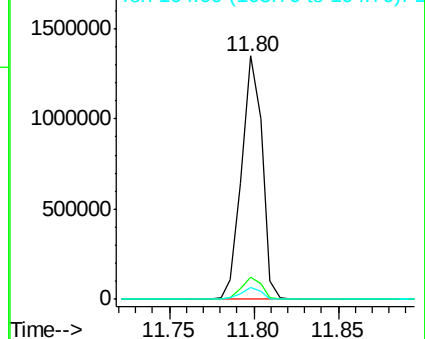
1/26/2018 11:24:28 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.169 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

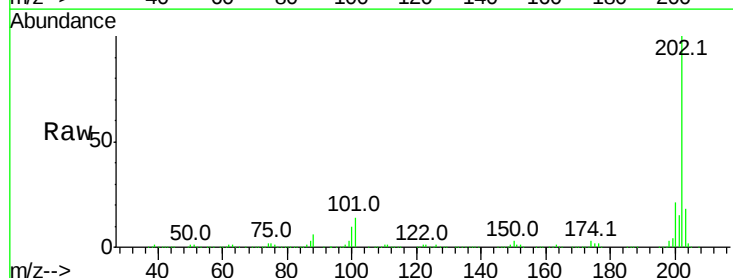
Tgt Ion:202 Resp: 960544

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.1

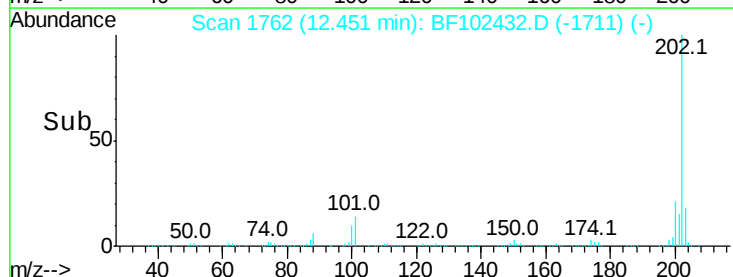
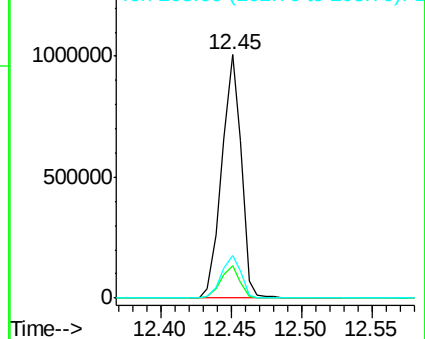
203 17.6 0.0 38.1

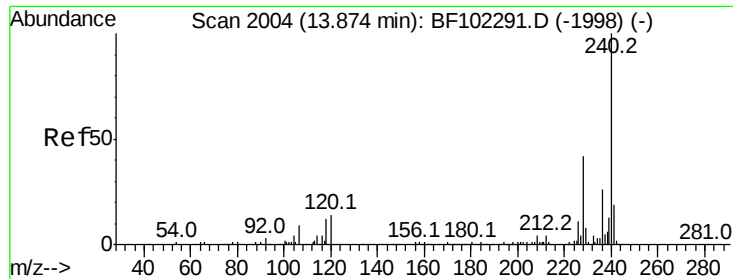


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

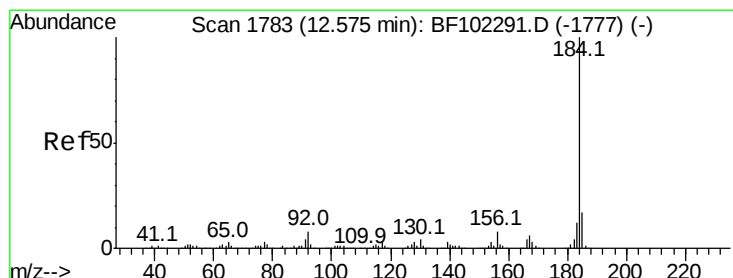
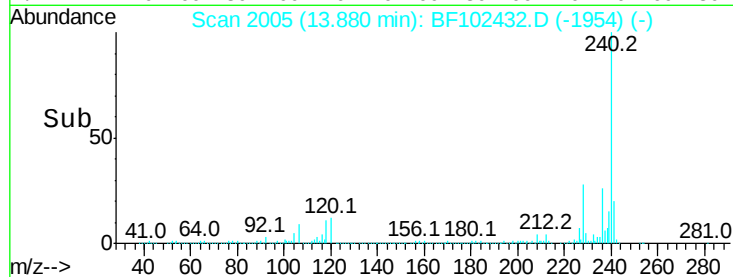
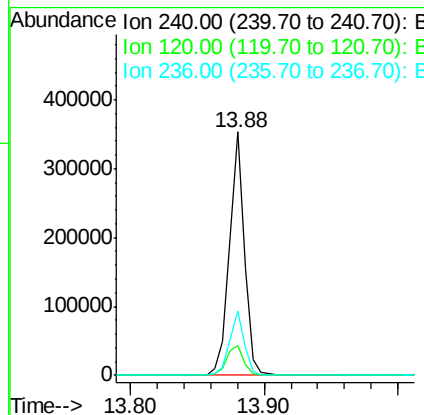
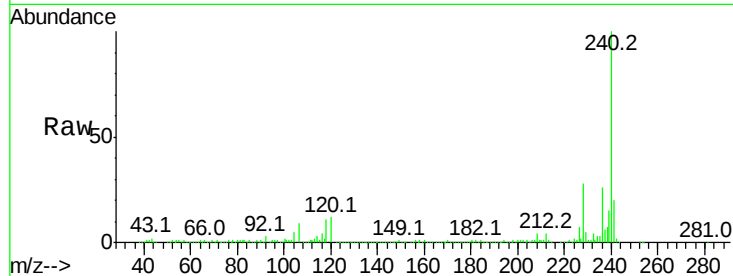
ClientSampleId :

PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	284313		
120	12.4	9.5	14.3	
236	26.5	20.7	31.1	

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM



#76

Benzidine

Concen: 32.790 ng

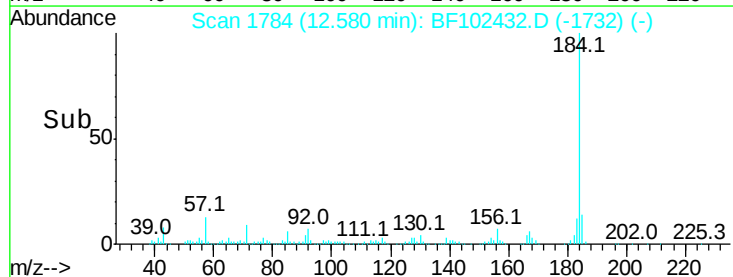
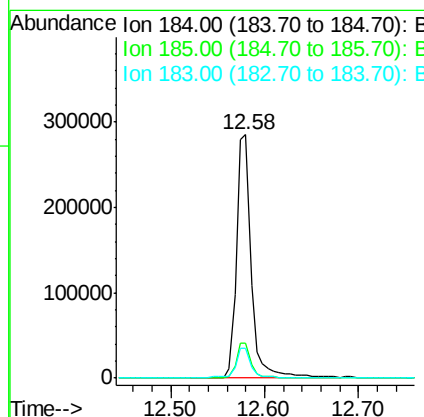
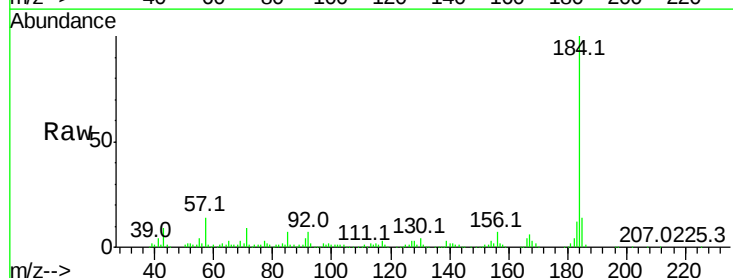
RT: 12.58 min Scan# 1784

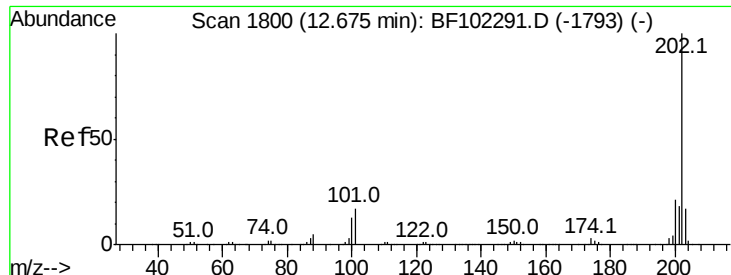
Delta R.T. 0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	313180		
185	14.3	12.6	18.8	
183	12.1	9.3	13.9	





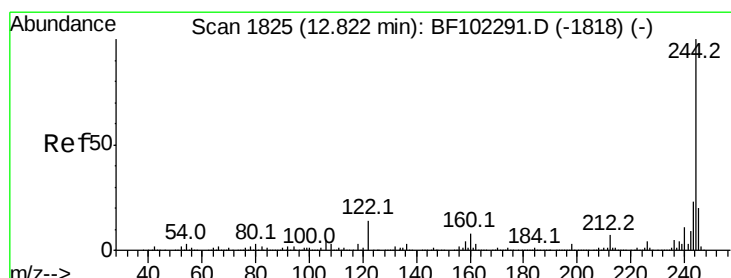
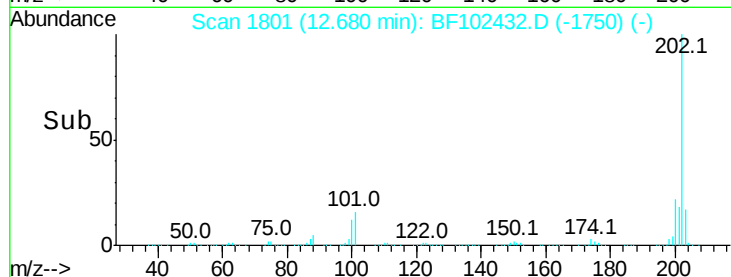
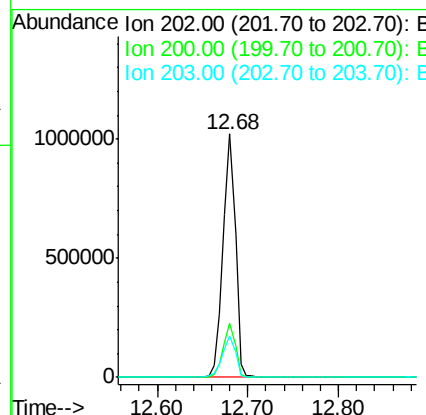
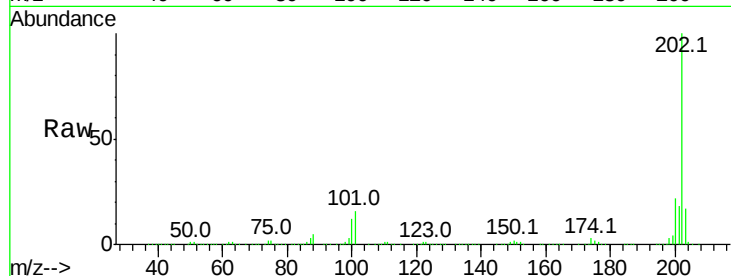
#77
Pvrene
Concen: 43.589 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.1	14.3	21.5

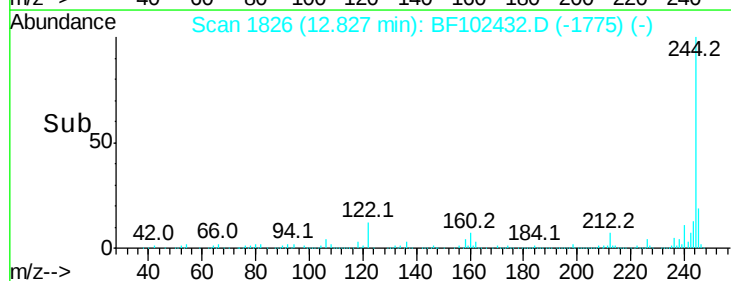
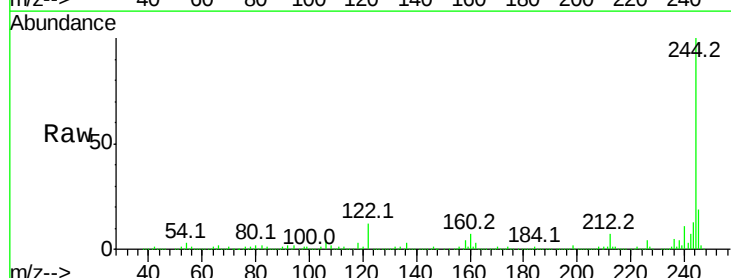
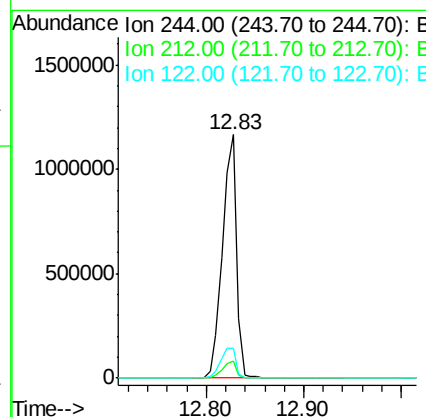
Manual Integrations
APPROVED

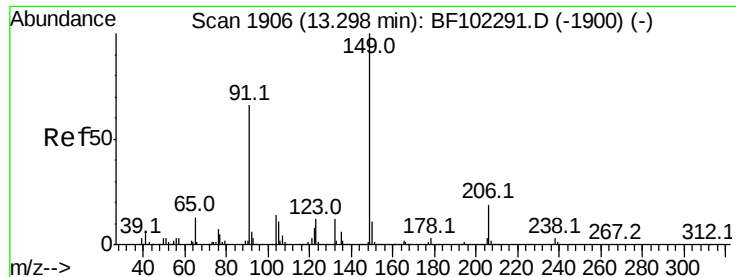
Sohil
1/26/2018 11:24:28 AM



#78
Terphenyl-d14
Concen: 92.603 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.2	11.0	16.4





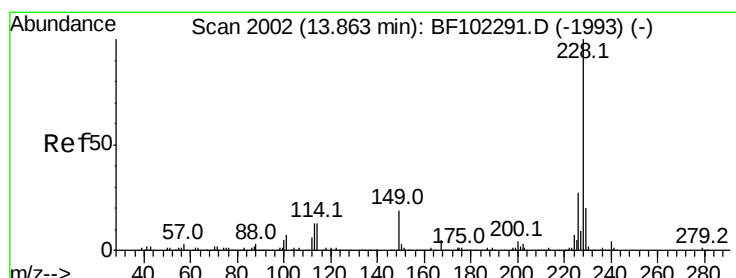
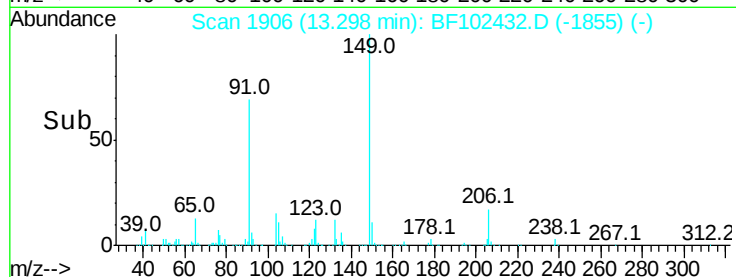
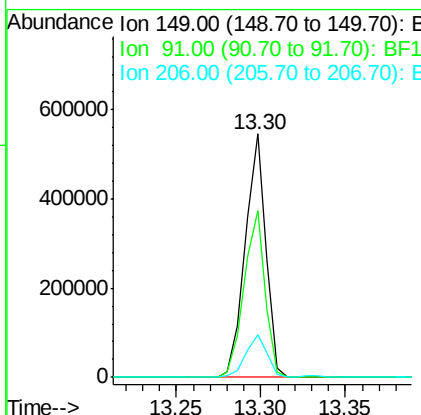
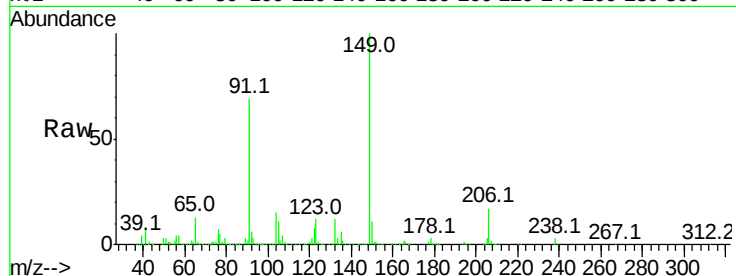
#79
Butylbenzylphthalate
Concen: 42.831 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	68.8	56.8	85.2
206	17.3	14.1	21.1

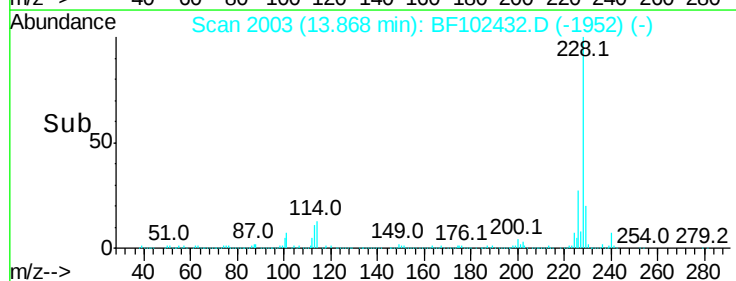
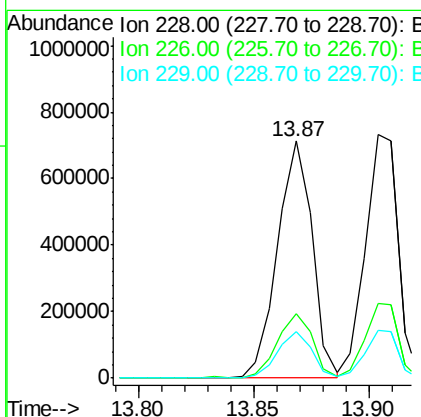
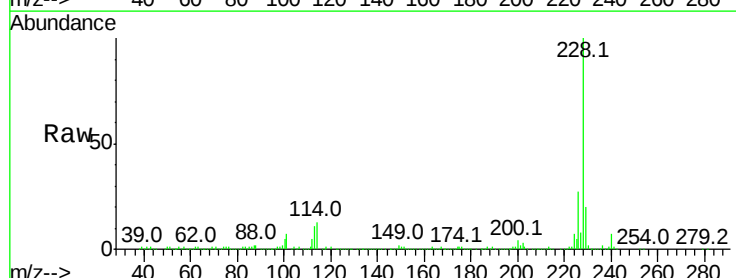
Manual Integrations
APPROVED

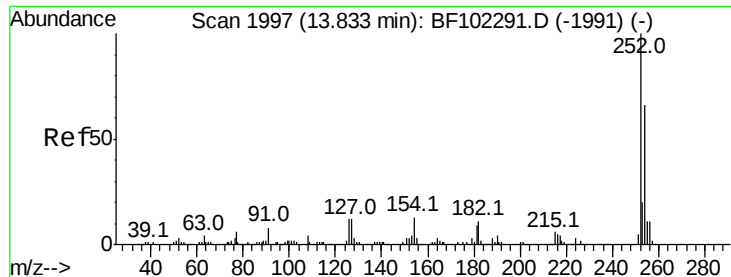
Sohil
1/26/2018 11:24:28 AM



#80
Benzo(a)anthracene
Concen: 42.328 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6





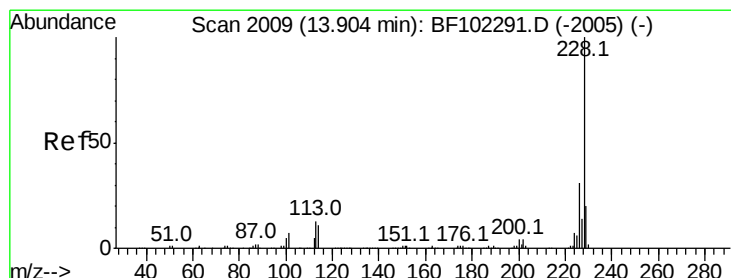
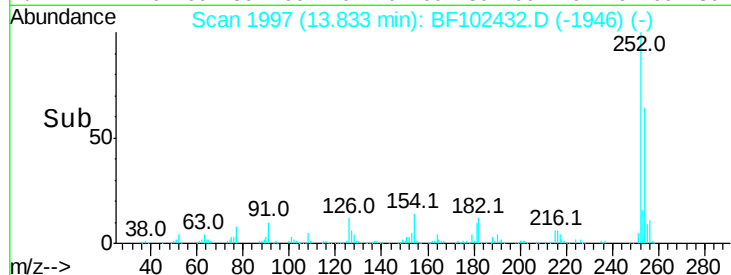
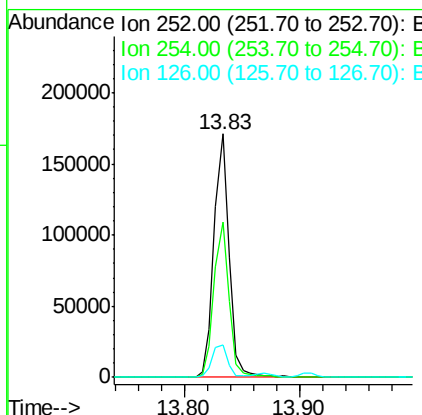
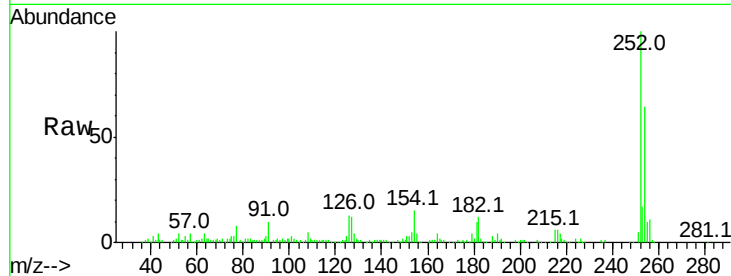
#81
 3,3'-Dichlorobenzidine
 Concen: 24.480 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Instrument :
 BNA_F
 ClientSampleId :
 PB106012BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	157193		
254	63.7	50.4	75.6	
126	13.4	11.3	16.9	

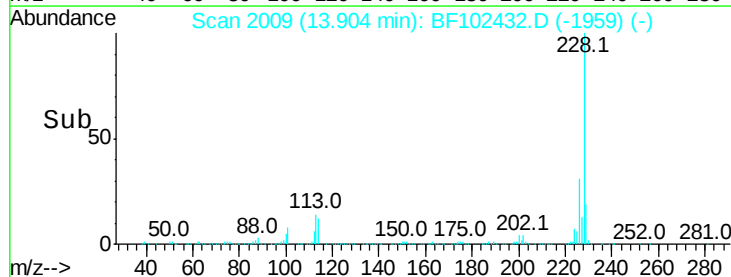
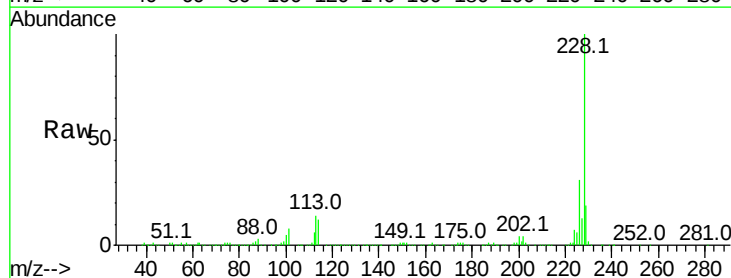
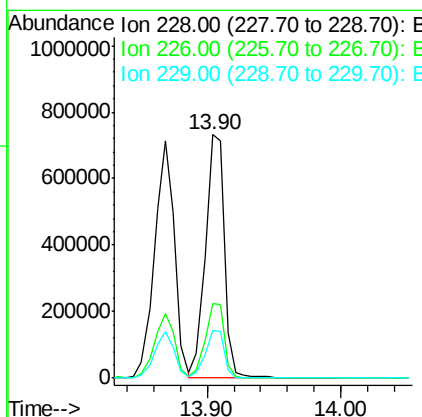
Manual Integrations
 APPROVED

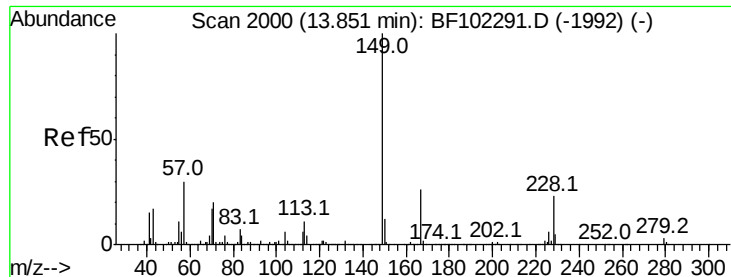
Sohil
 1/26/2018 11:24:28 AM



#82
 Chrysene
 Concen: 40.765 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF102432.D
 Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	724610		
226	30.6	25.0	37.6	
229	19.4	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.702 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion:149 Resp: 627781

Ion Ratio Lower Upper

149 100

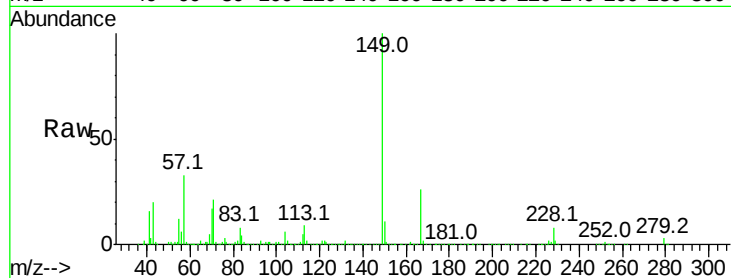
167 26.0 21.3 31.9

279 2.8 3.0 4.4#

Manual Integrations
APPROVED

Sohil

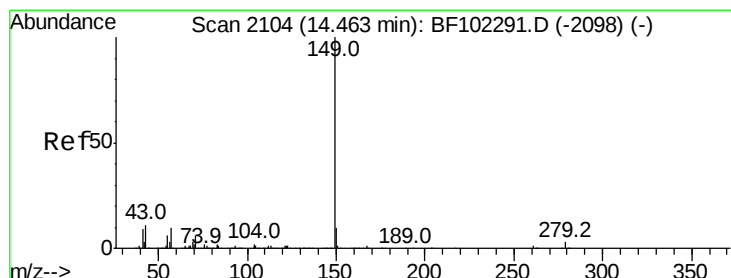
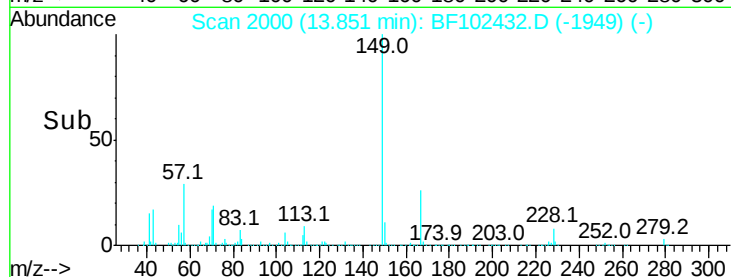
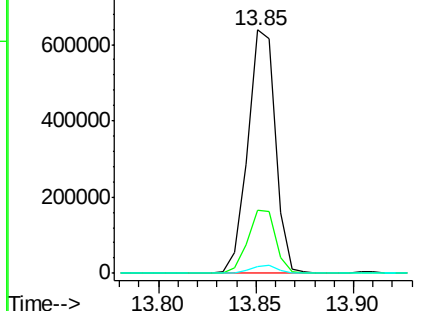
1/26/2018 11:24:28 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.327 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Tgt Ion:149 Resp: 988052

Ion Ratio Lower Upper

149 100

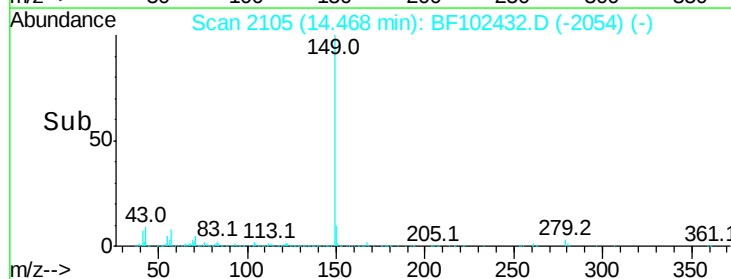
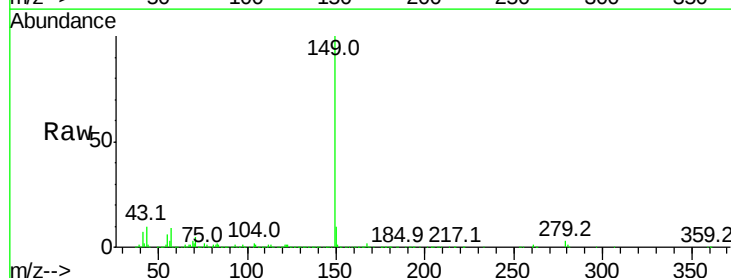
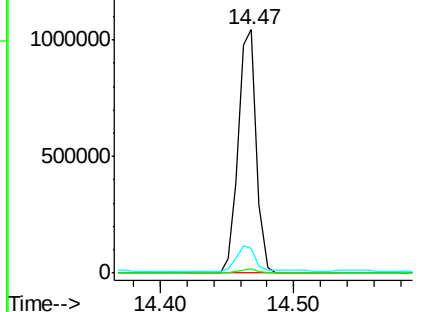
167 1.5 1.2 1.8

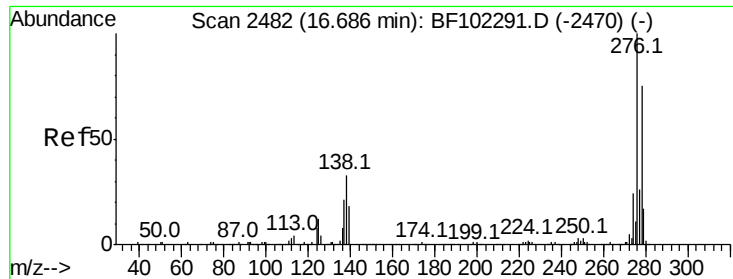
43 10.9 8.4 12.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





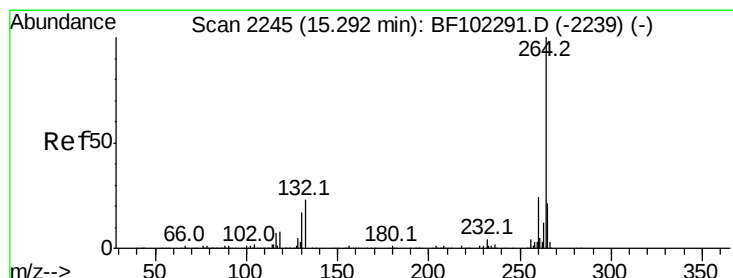
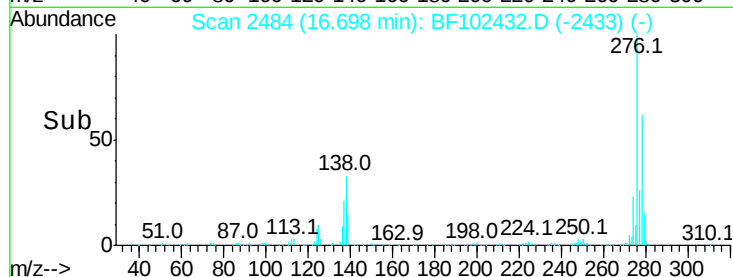
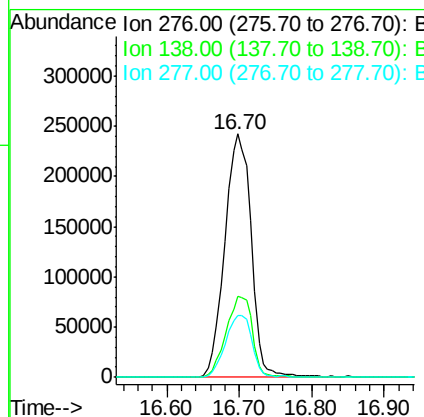
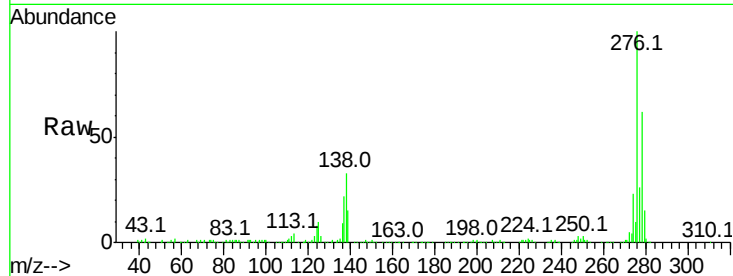
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.889 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion:	276	Resp:	614933
Ion Ratio	Lower	Upper	
276	100		
138	33.3	25.0	37.6
277	25.7	20.1	30.1

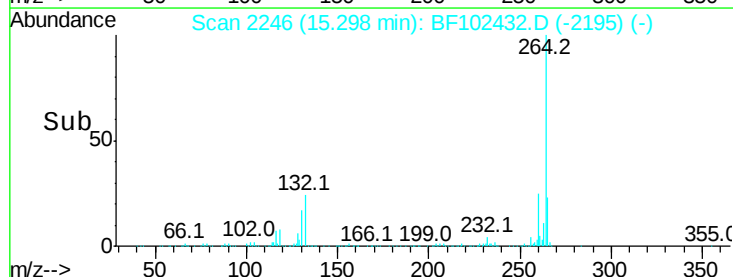
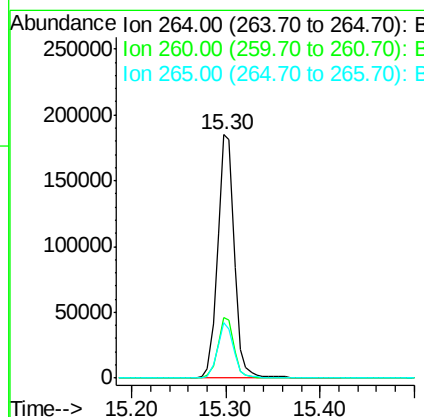
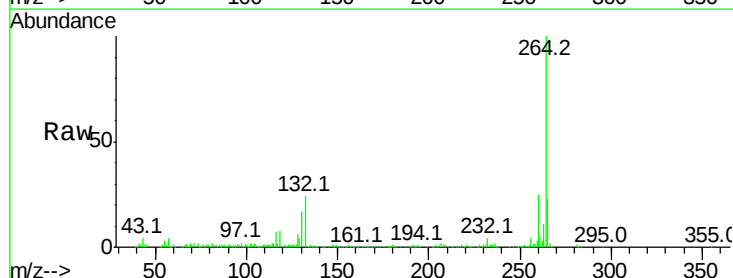
Manual Integrations
APPROVED

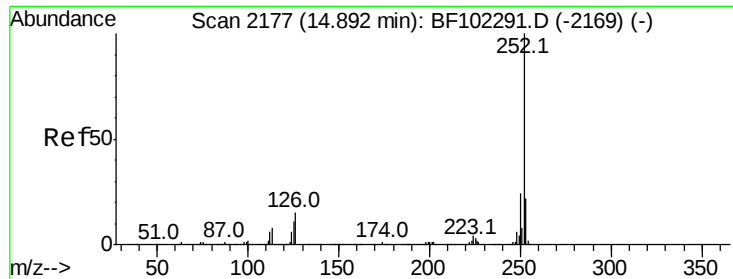
Sohil
1/26/2018 11:24:28 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion:	264	Resp:	231278
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.2	28.8
265	22.7	17.5	26.3





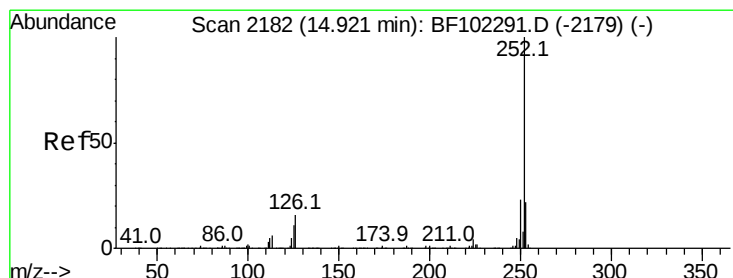
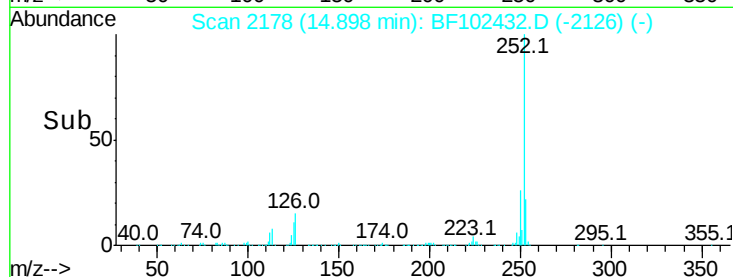
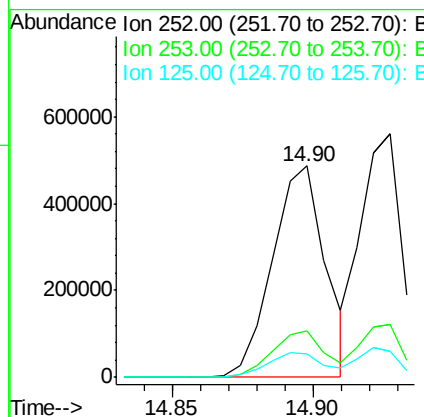
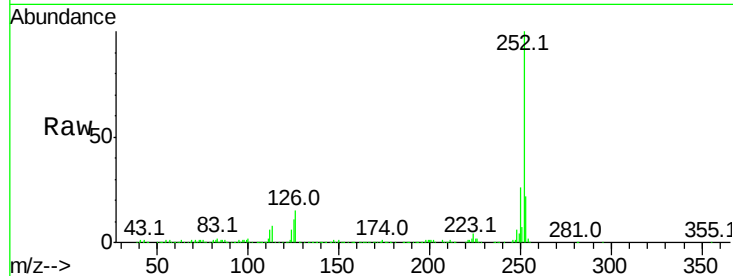
#87
Benzo(b)fluoranthene
Concen: 42.269 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.3	9.0	13.6

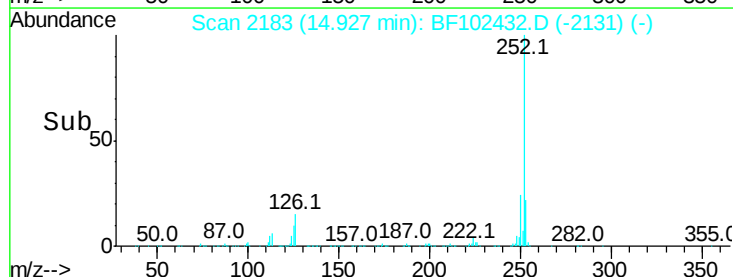
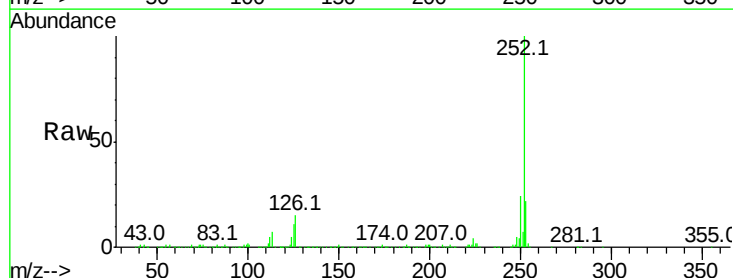
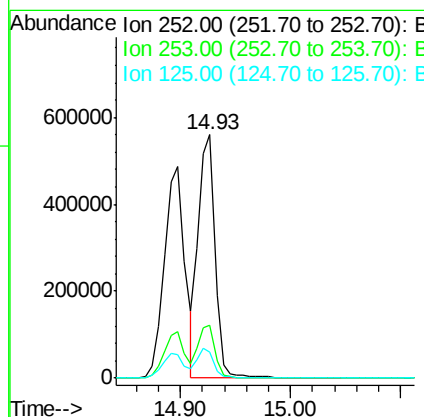
Manual Integrations
APPROVED

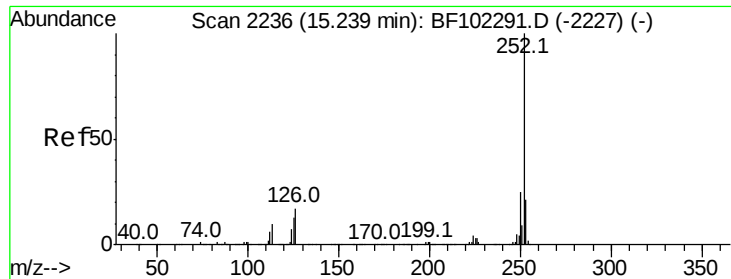
Sohil
1/26/2018 11:24:28 AM



#88
Benzo(k)fluoranthene
Concen: 40.846 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.6	10.2	15.2





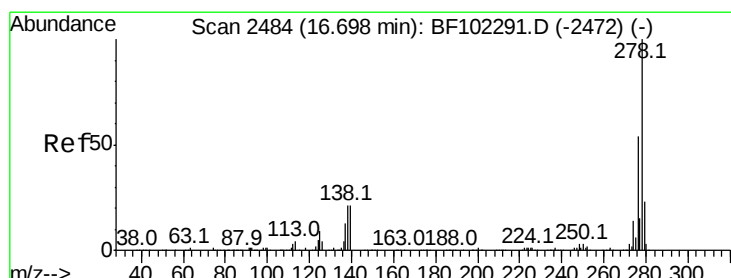
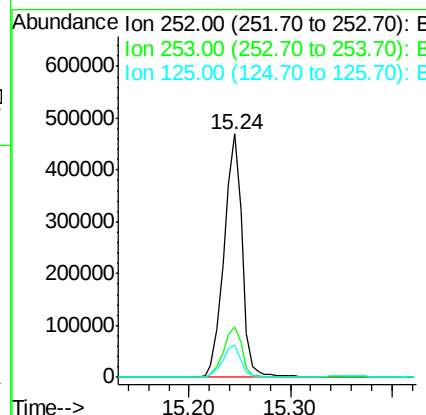
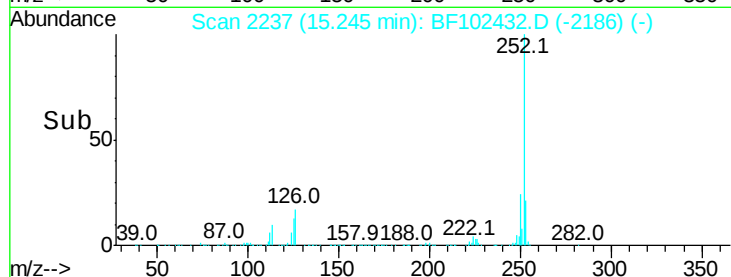
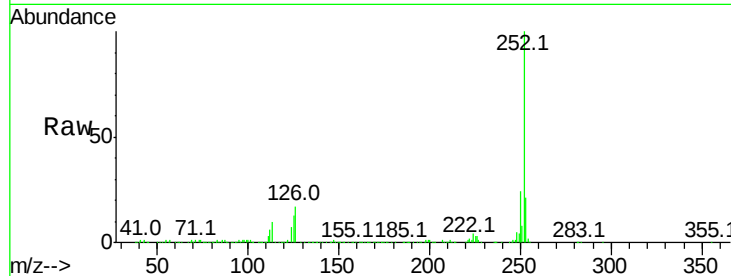
#89
Benzo(a)pyrene
Concen: 42.773 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Instrument :
BNA_F
ClientSampleId :
PB106012BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	13.3	9.8	14.6

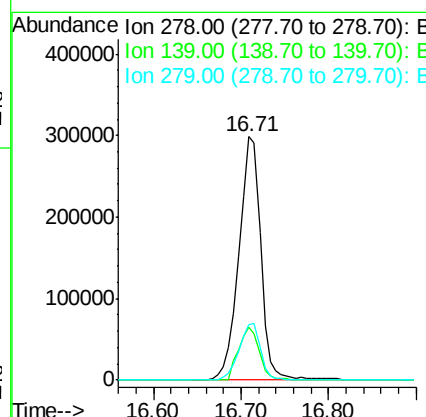
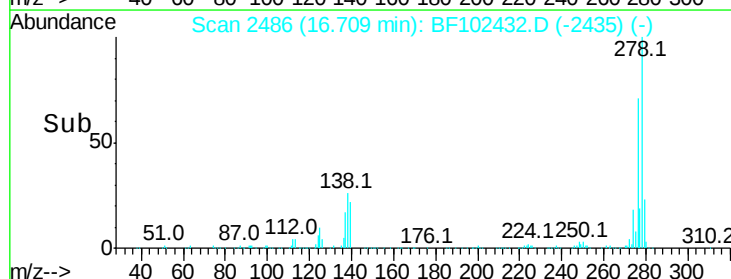
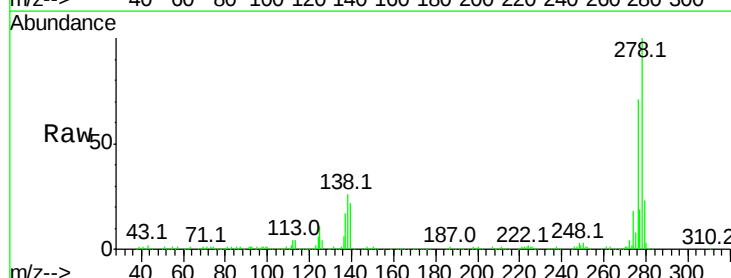
Manual Integrations
APPROVED

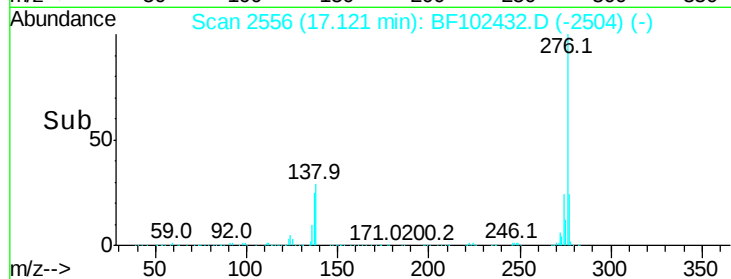
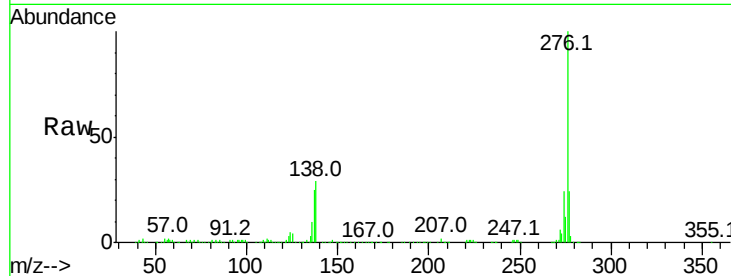
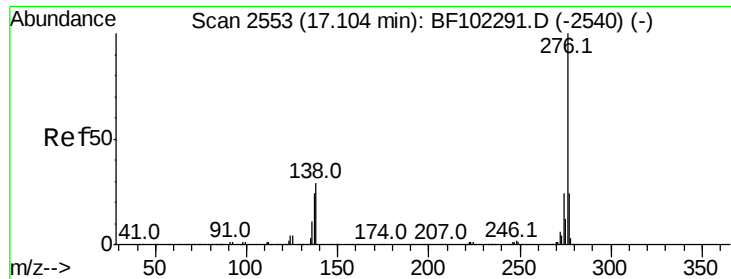
Sohil
1/26/2018 11:24:28 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.217 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF102432.D
Acq: 25 Jan 2018 19:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.855 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF102432.D

Acq: 25 Jan 2018 19:17

Instrument :

BNA_F

ClientSampleId :

PB106012BS

Tot Ion: 276 Resp: 528294

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.7 21.8 32.8

Manual Integrations
APPROVED

Sohil
1/26/2018 11:24:28 AM

