

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103176.D
 Acq On : 22 Feb 2018 21:28
 Operator : SJ/JU
 Sample : J1635-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:51 AM

Quant Time: Feb 23 04:33:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164214	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690461	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	269299	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	351317	20.00	ng	0.00
75) Chrysene-d12	14.05	240	272145	20.00	ng	0.00
86) Perylene-d12	15.54	264	259870	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1106579	101.92	ng	0.02
7) Phenol-d6	6.51	99	1340742	100.91	ng	0.00
23) Nitrobenzene-d5	7.44	82	863885	71.45	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	195375	85.71	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1250000	78.51	ng	0.00
78) Terphenyl-d14	12.99	244	756288	66.80	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.70	88	186121	32.456 ng	92
3) Pyridine	3.49	79	453590	29.628 ng	96
4) n-Nitrosodimethylamine	3.42	42	244012	39.520 ng	97
6) Aniline	6.54	93	418040	21.802 ng	97
8) 2-Chlorophenol	6.66	128	415703	36.856 ng	97
9) Benzaldehyde	6.43	77	259477	29.865 ng	96
10) Phenol	6.52	94	537640	34.858 ng	92
11) bis(2-Chloroethyl)ether	6.61	93	431222	36.837 ng	92
12) 1,3-Dichlorobenzene	6.82	146	438997	34.058 ng	99
13) 1,4-Dichlorobenzene	6.89	146	441052	34.129 ng	99
14) 1,2-Dichlorobenzene	7.05	146	407219	34.174 ng	98
15) Benzyl Alcohol	7.02	79	355097	35.469 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	718388	35.738 ng	99
17) 2-Methylphenol	7.13	107	358665	34.991 ng	97
18) Hexachloroethane	7.38	117	139074	29.562 ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	281567	34.052 ng	97
20) 3+4-Methylphenols	7.28	107	410515	32.855 ng	# 69
22) Acetophenone	7.28	105	542607	33.668 ng	# 88
24) Nitrobenzene	7.46	77	464505	34.895 ng	99
25) Isophorone	7.69	82	851349	35.753 ng	97
26) 2-Nitrophenol	7.77	139	218915	34.934 ng	98
27) 2,4-Dimethylphenol	7.81	122	365377	38.145 ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	538622	38.473 ng	99
29) 2,4-Dichlorophenol	8.02	162	334324	36.456 ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	332110	34.008 ng	99
31) Naphthalene	8.18	128	1153529	34.124 ng	100
32) Benzoic acid	7.88	122	16369	8.885 ng	98
33) 4-Chloroaniline	8.23	127	213408	14.630 ng	99
34) Hexachlorobutadiene	8.29	225	165935	32.629 ng	98
35) Caprolactam	8.59	113	102760m	31.883 ng	
36) 4-Chloro-3-methylphenol	8.71	107	360183	34.821 ng	99
37) 2-Methylnaphthalene	8.87	142	737382	33.753 ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279243	37.930 ng	99
40) Hexachlorocyclopentadiene	9.02	237	18917	15.362 ng	100

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022218\
 Data File : BF103176.D
 Acq On : 22 Feb 2018 21:28
 Operator : SJ/JU
 Sample : J1635-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

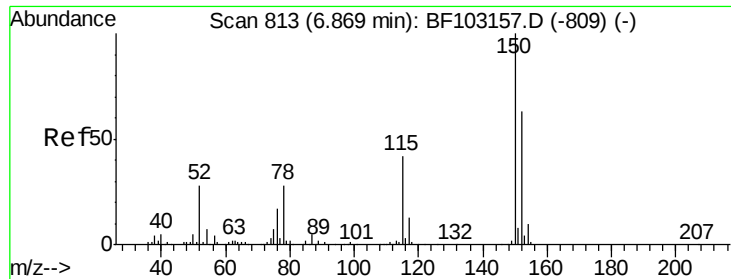
Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:51 AM

Quant Time: Feb 23 04:33:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 22 14:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	196637	39.694	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	200001	35.103	ng	99
45) 1,1'-Biphenyl	9.33	154	833156	36.921	ng	98
46) 2-Chloronaphthalene	9.36	162	645963	36.183	ng	99
47) 2-Nitroaniline	9.46	65	249239	37.689	ng	90
48) Acenaphthylene	9.77	152	950025	34.586	ng	99
49) Dimethylphthalate	9.63	163	866752	40.121	ng	100
50) 2,6-Dinitrotoluene	9.70	165	160202	35.337	ng	97
51) Acenaphthene	9.95	154	537879	33.582	ng	97
52) 3-Nitroaniline	9.87	138	160094	27.833	ng	98
53) 2,4-Dinitrophenol	9.98	184	8310	14.085	ng	# 17
54) Dibenzofuran	10.12	168	795004	36.158	ng	97
55) 4-Nitrophenol	10.03	139	203651	57.127	ng	91
56) 2,4-Dinitrotoluene	10.10	165	191091	33.327	ng	98
57) Fluorene	10.46	166	582149	31.081	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	123921	32.377	ng	95
59) Diethylphthalate	10.33	149	725817	35.128	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	273016	34.373	ng	97
61) 4-Nitroaniline	10.48	138	158455	27.581	ng	96
62) Azobenzene	10.61	77	687870	32.706	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	13668	10.681	ng	94
65) n-Nitrosodiphenylamine	10.57	169	533715	43.631	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	151969	41.525	ng	97
67) Hexachlorobenzene	11.01	284	147562	37.149	ng	98
68) Atrazine	11.09	200	147288	40.060	ng	98
69) Pentachlorophenol	11.21	266	122779	63.926	ng	98
70) Phenanthrene	11.43	178	690747	35.727	ng	99
71) Anthracene	11.48	178	708058	35.714	ng	100
72) Carbazole	11.63	167	659638	33.411	ng	99
73) Di-n-butylphthalate	11.95	149	936923	37.925	ng	100
74) Fluoranthene	12.62	202	640370	32.960	ng	98
76) Benzidine	12.74	184	341669	33.582	ng	97
77) Pyrene	12.84	202	641966	30.256	ng	100
79) Butylbenzylphthalate	13.46	149	345252	30.798	ng	97
80) Benzo(a)anthracene	14.04	228	626830	35.499	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	230830	36.630	ng	99
82) Chrysene	14.07	228	596226	34.775	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	481812	31.849	ng	99
84) Di-n-octyl phthalate	14.63	149	907297	37.120	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	474737	34.975	ng	99
87) Benzo(b)fluoranthene	15.10	252	587731	34.398	ng	97
88) Benzo(k)fluoranthene	15.13	252	613190	38.111	ng	100
89) Benzo(a)pyrene	15.48	252	555480	36.406	ng	# 95
90) Dibenzo(a,h)anthracene	17.06	278	400321	33.954	ng	98
91) Benzo(g,h,i)perylene	17.51	276	370873	32.186	ng	96

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



#1

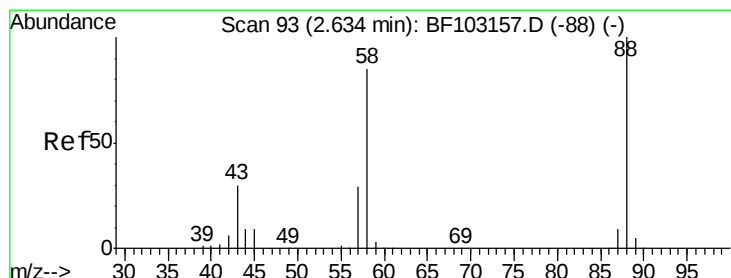
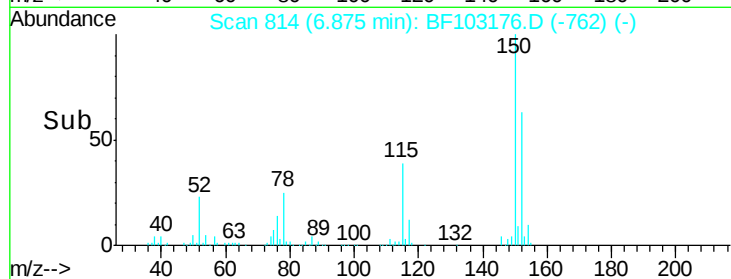
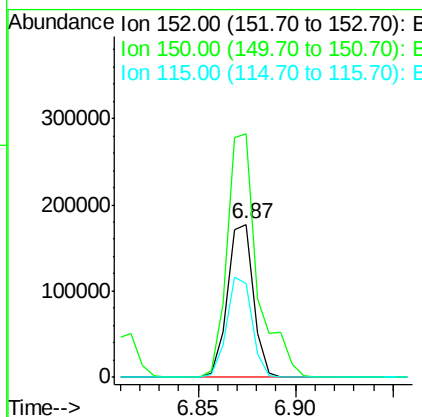
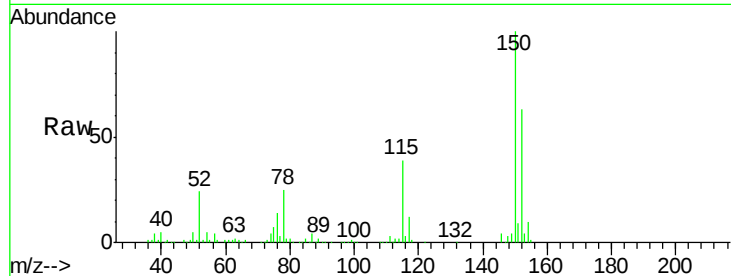
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
APPROVED

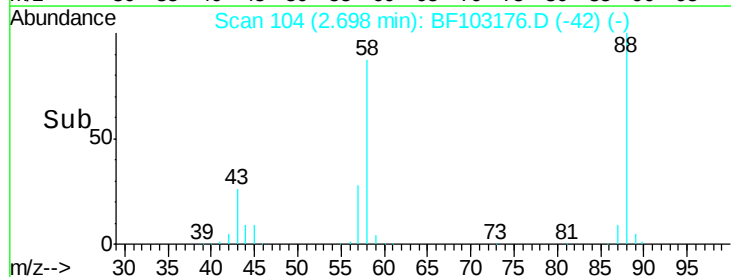
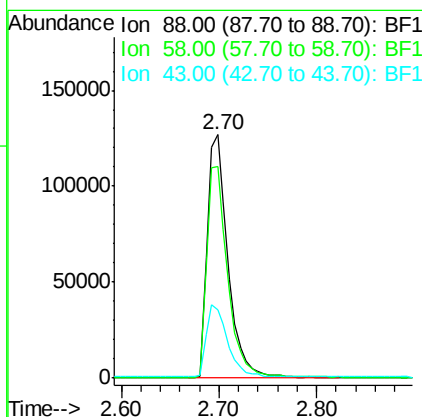
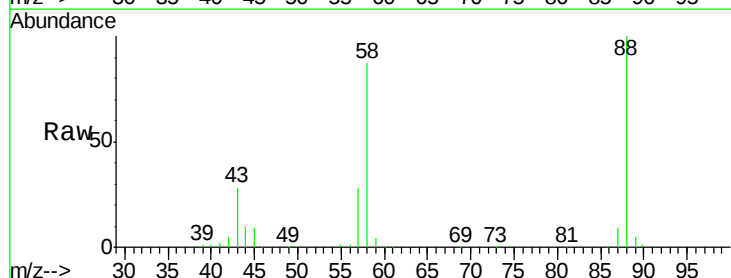
Sohil
2/23/2018 10:20:51 AM

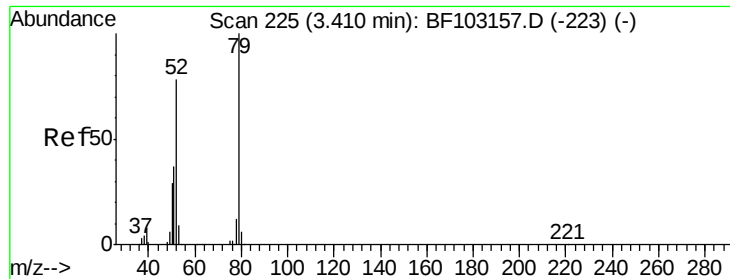


#2

1,4-Dioxane
Concen: 32.456 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.06 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	62.6	93.8
43	30.0	24.6	37.0





#3

Pvridine

Concen: 29.628 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.08 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

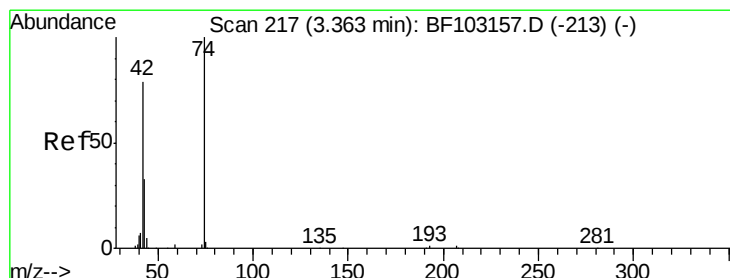
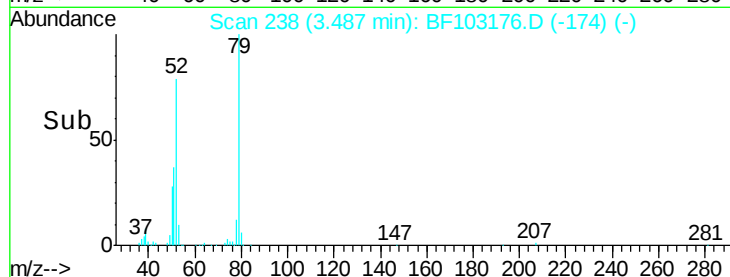
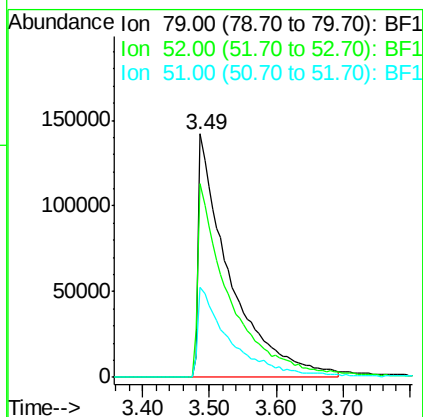
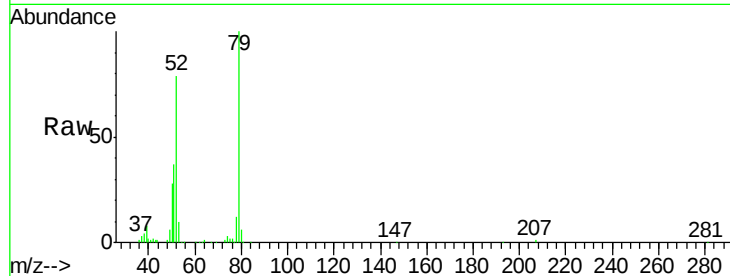
ClientSampleId :

TP-1-3FTMS

Tot Ion:	79	Resp:	453590
Ion Ratio	Lower	Upper	
79	100		
52	79.4	59.8	89.6
51	37.0	29.8	44.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#4

n-Nitrosodimethylamine

Concen: 39.520 ng

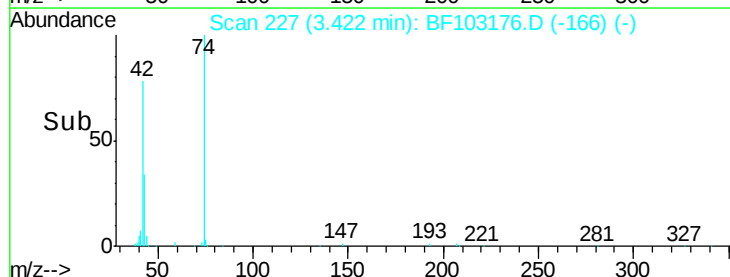
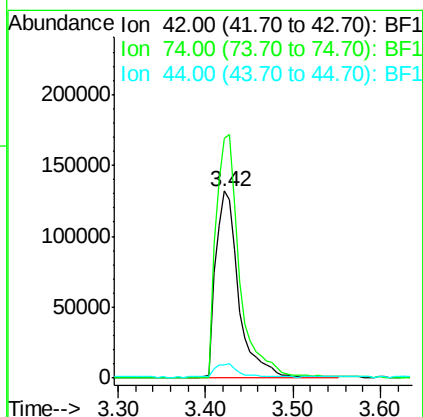
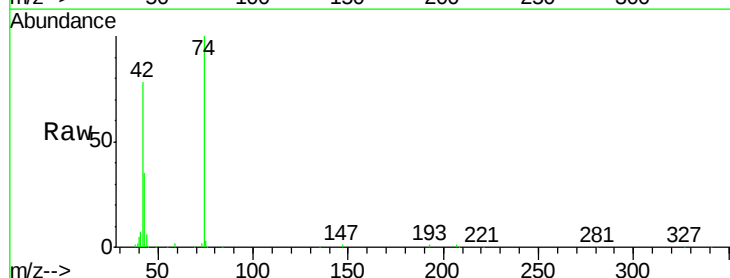
RT: 3.42 min Scan# 227

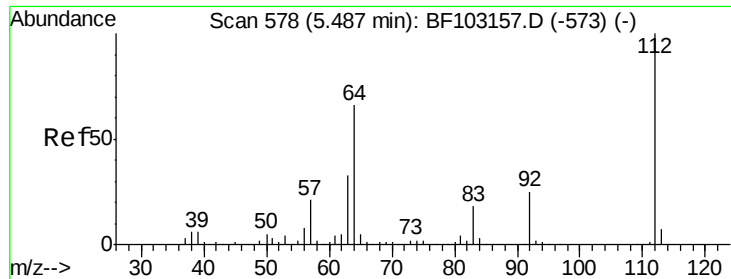
Delta R.T. 0.06 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	42	Resp:	244012
Ion Ratio	Lower	Upper	
42	100		
74	128.1	104.9	157.3
44	7.4	6.9	10.3





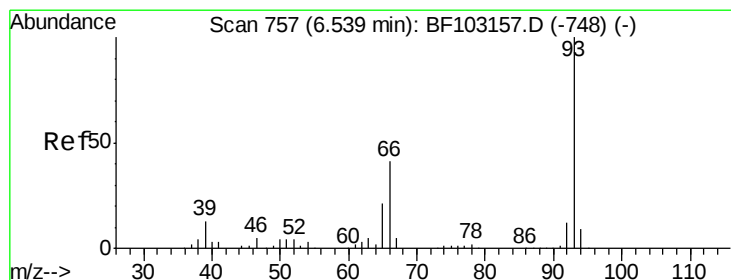
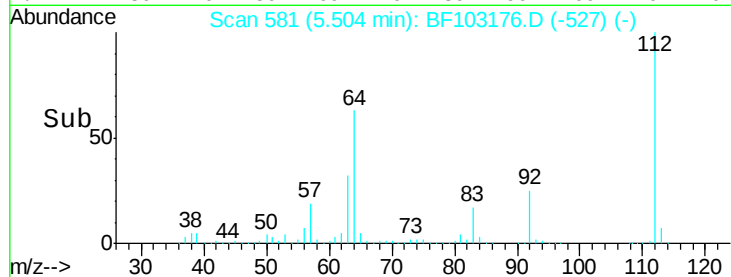
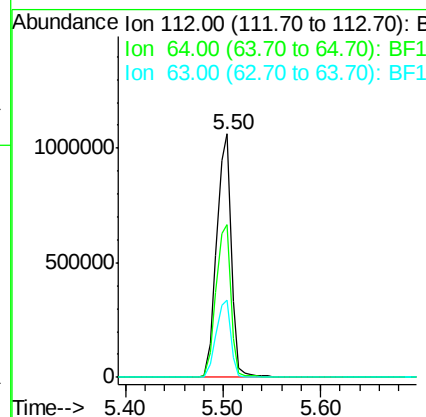
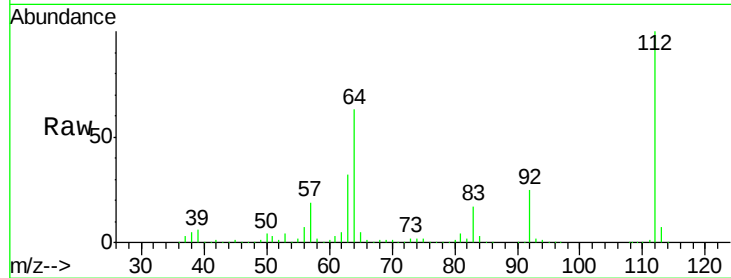
#5
2-Fluorophenol
Concen: 101.917 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	31.6	23.7	35.5

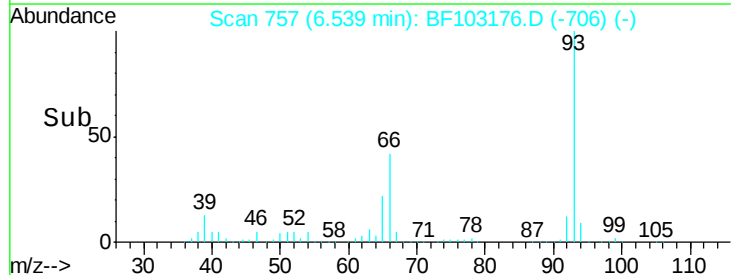
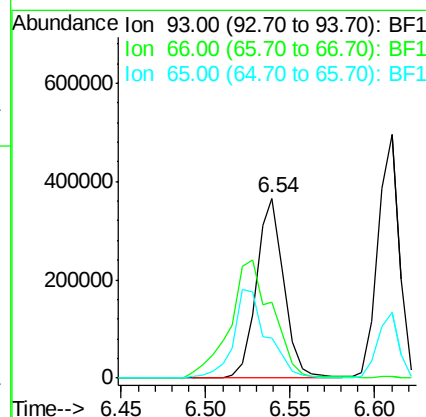
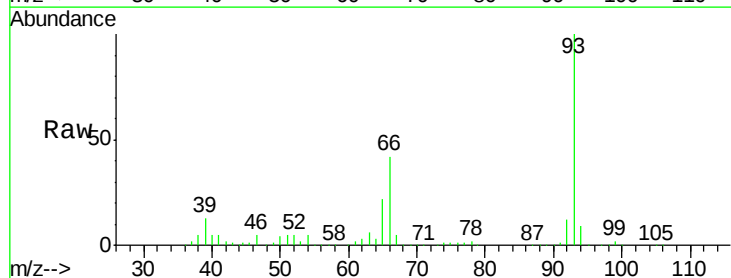
Manual Integrations
APPROVED

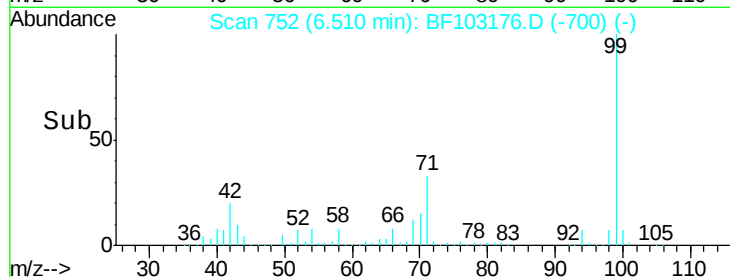
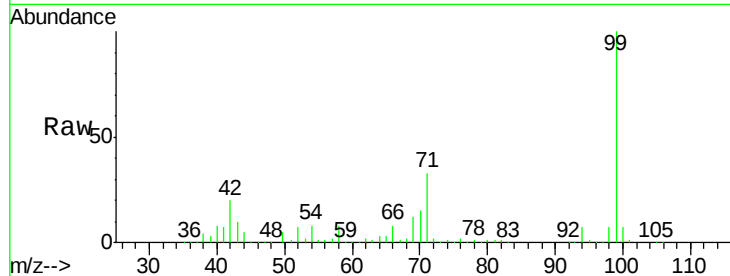
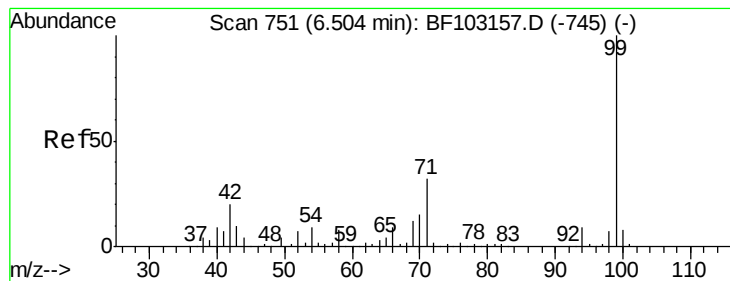
Sohil
2/23/2018 10:20:51 AM



#6
Aniline
Concen: 21.802 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 100.914 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tot Ion: 99 Resp: 1340742

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

71 32.7 25.4 38.0

Instrument :

BNA_F

ClientSampled :

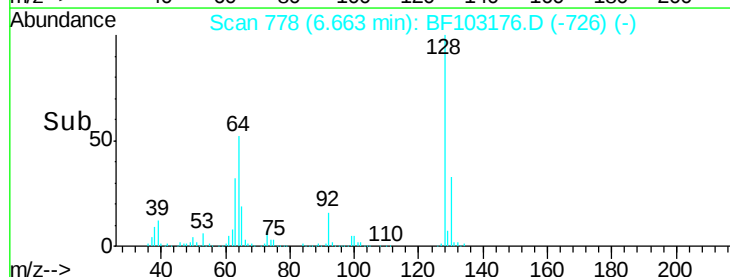
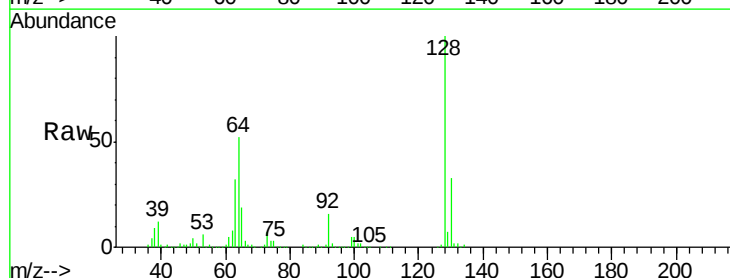
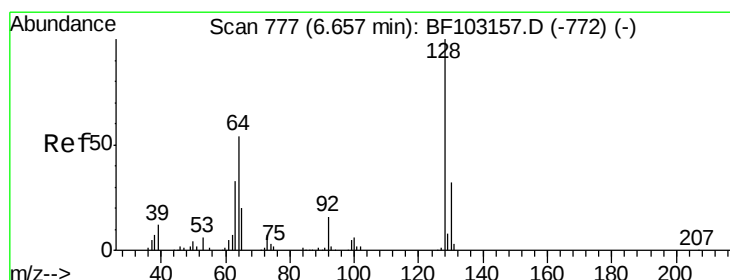
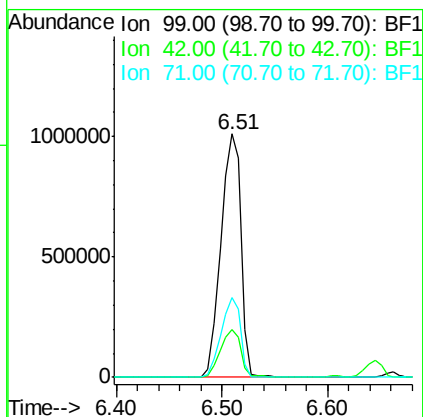
TP-1-3FTMS

Manual Integrations

APPROVED

Sohil

2/23/2018 10:20:51 AM



#8

2-Chlorophenol

Concen: 36.856 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

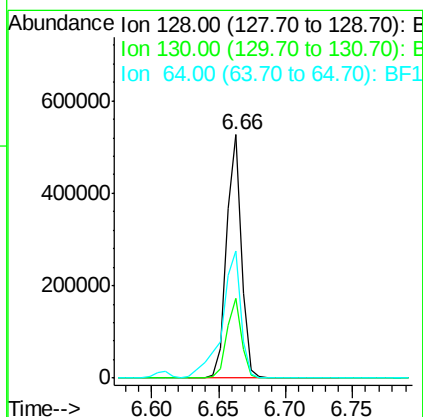
Tgt Ion:128 Resp: 415703

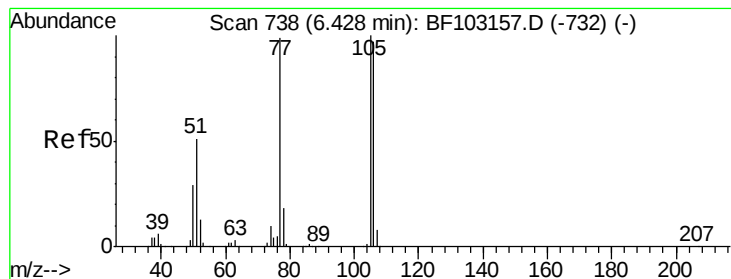
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 52.3 29.4 69.4





#9

Benzaldehyde

Concen: 29.865 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

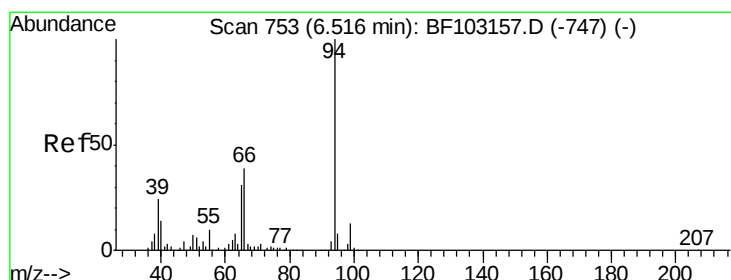
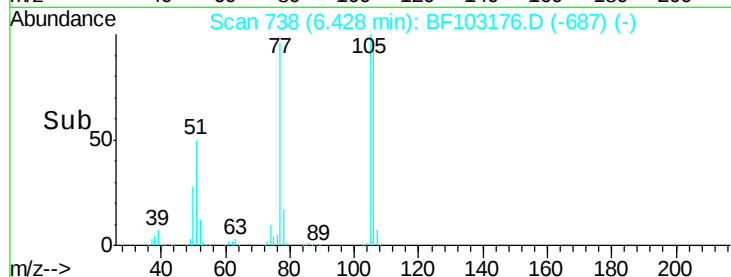
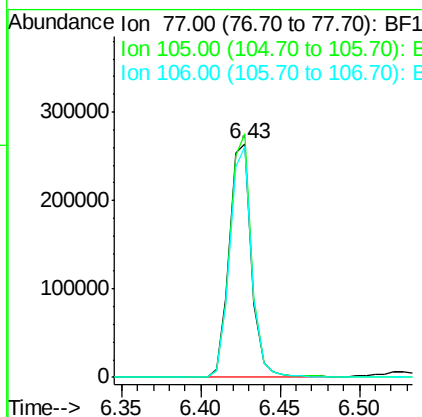
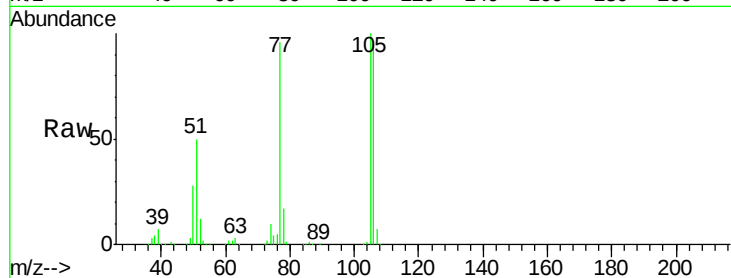
ClientSampled :

TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.3	81.1	121.1
106	99.0	74.5	114.5

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#10

Phenol

Concen: 34.858 ng

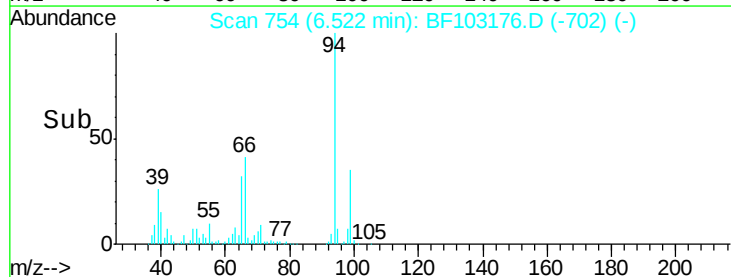
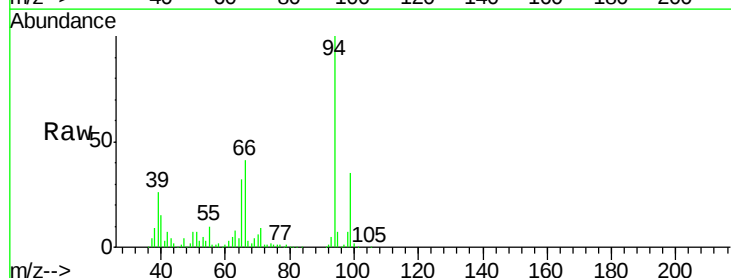
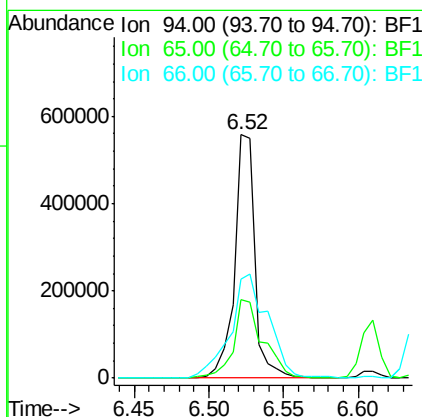
RT: 6.52 min Scan# 754

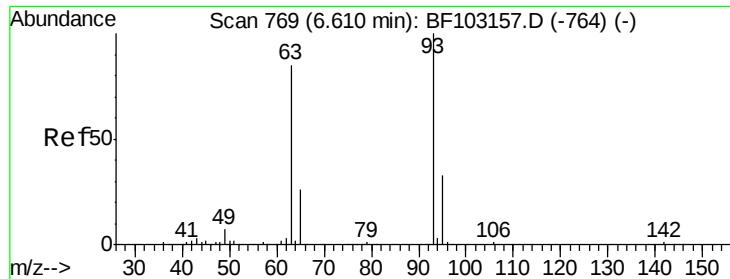
Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	40.8	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.837 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

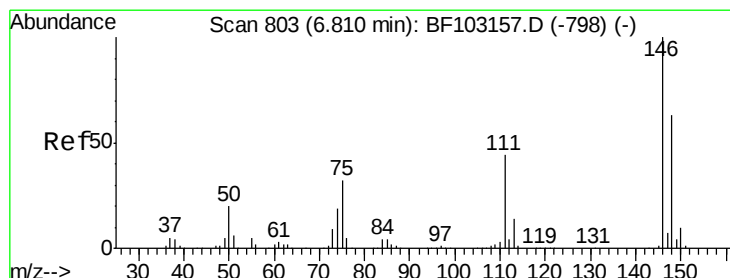
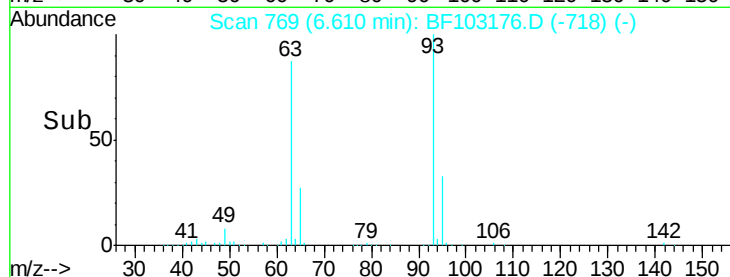
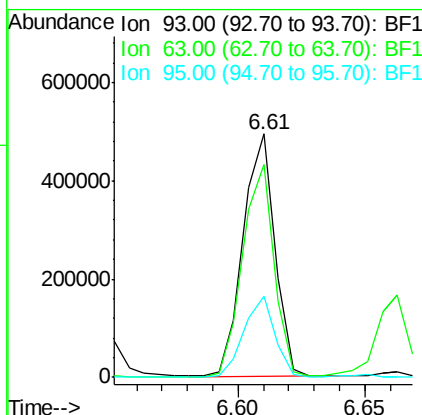
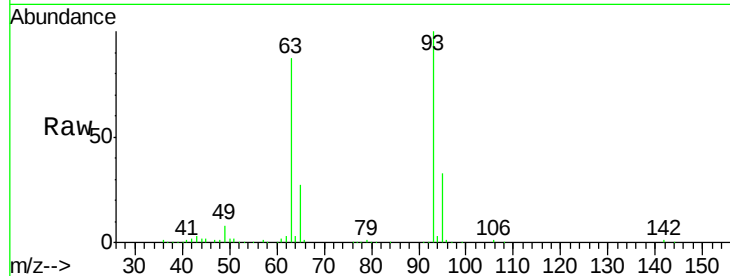
ClientSampleId :

TP-1-3FTMS

Tot Ion:	93	Resp:	431222
Ion Ratio	Lower	Upper	
93	100		
63	87.2	58.6	98.6
95	33.1	11.8	51.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#12

1,3-Dichlorobenzene

Concen: 34.058 ng

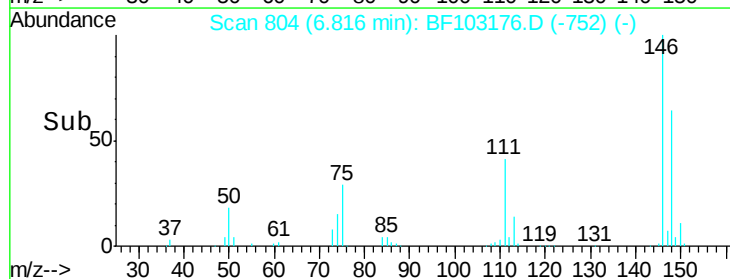
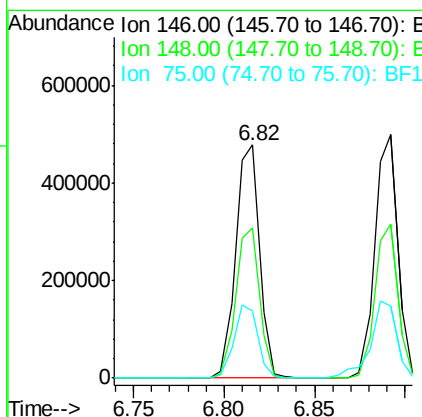
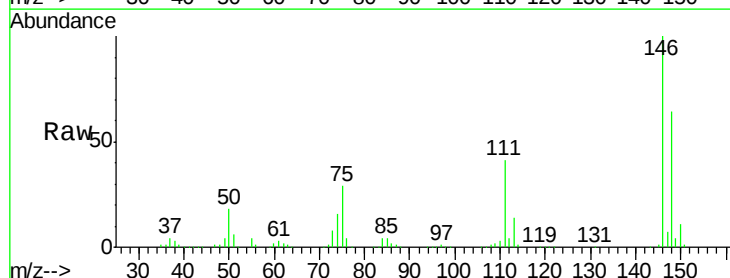
RT: 6.82 min Scan# 804

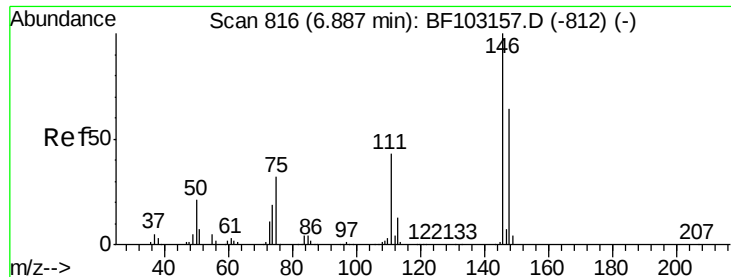
Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	146	Resp:	438997
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.8
75	28.9	24.2	36.4





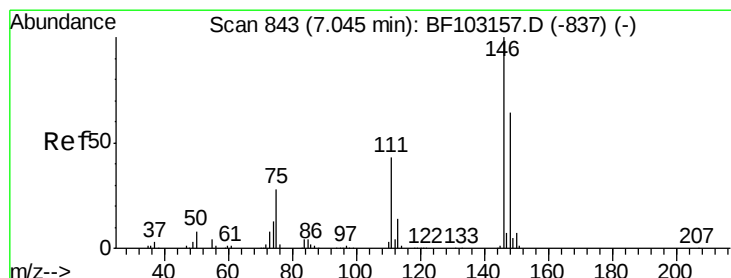
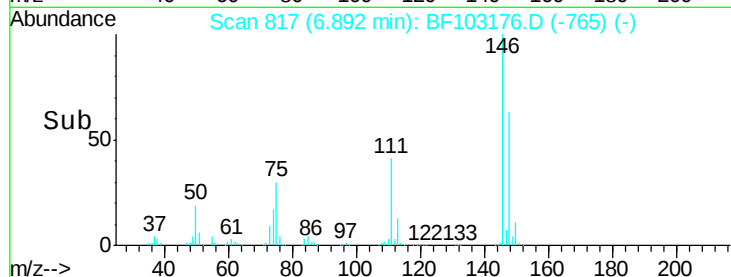
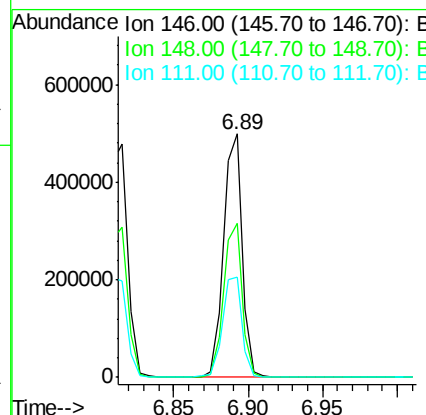
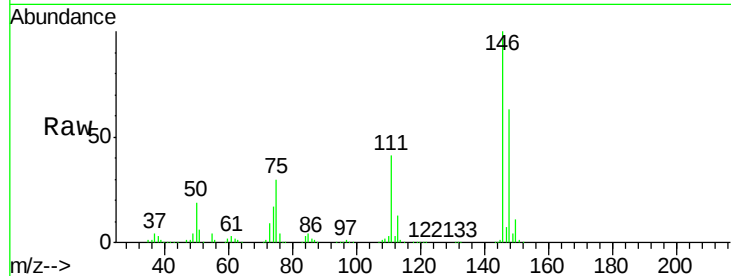
#13
1,4-Dichlorobenzene
Concen: 34.129 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampled :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.0	34.2	51.2

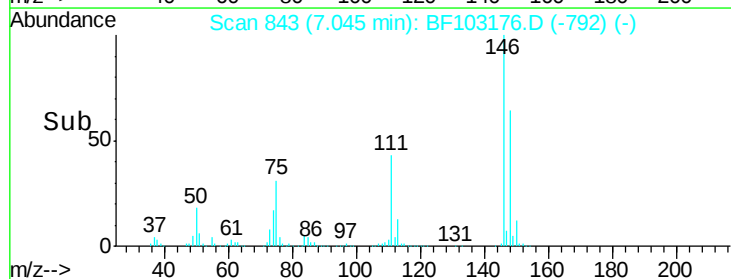
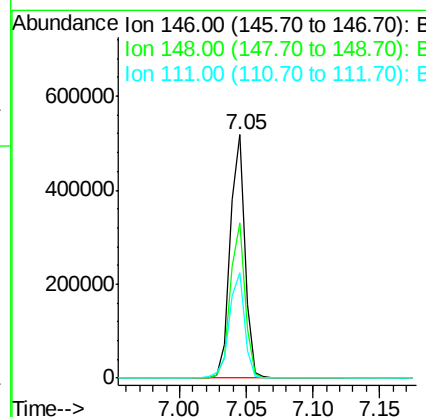
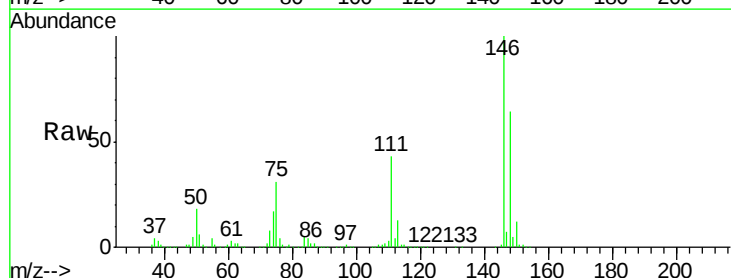
Manual Integrations
APPROVED

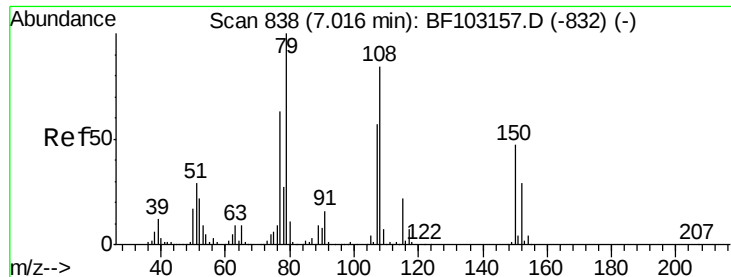
Sohil
2/23/2018 10:20:51 AM



#14
1,2-Dichlorobenzene
Concen: 34.174 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.469 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

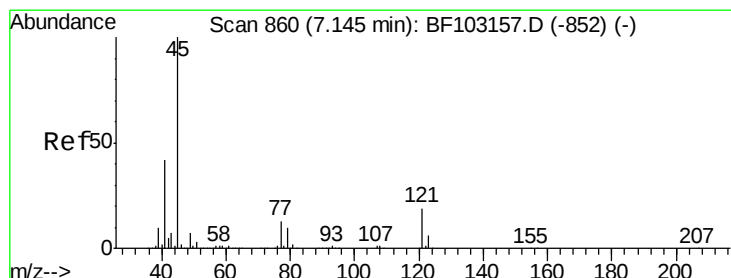
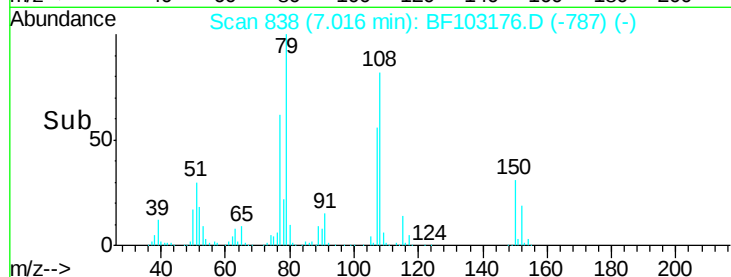
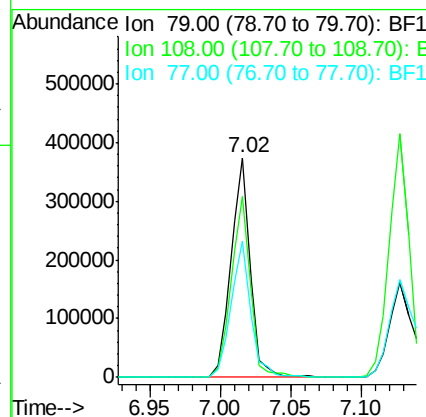
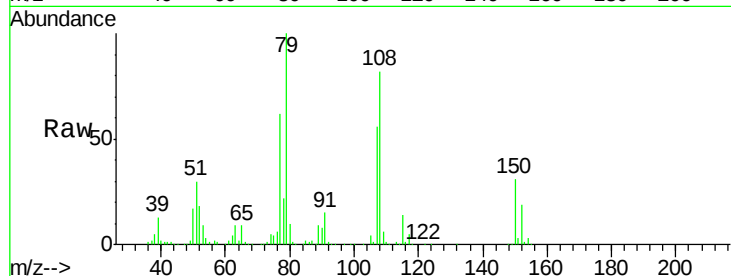
ClientSampled :

TP-1-3FTMS

Tot Ion:	79	Resp:	355097
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	61.8	50.6	75.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.738 ng

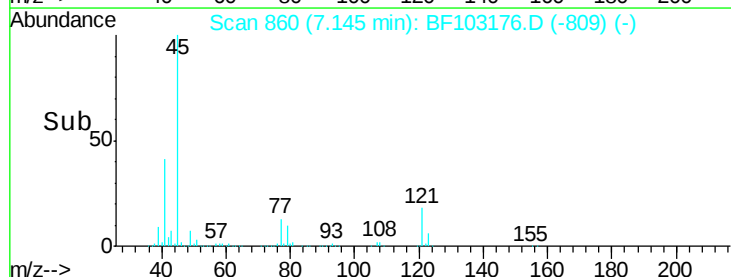
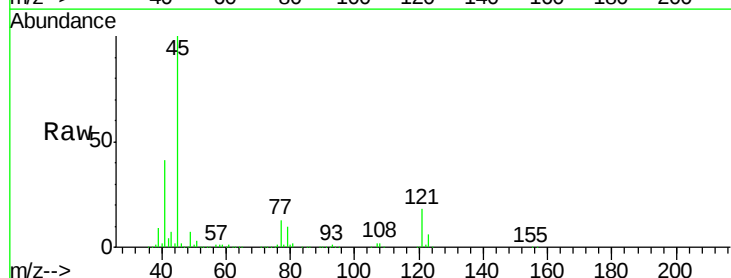
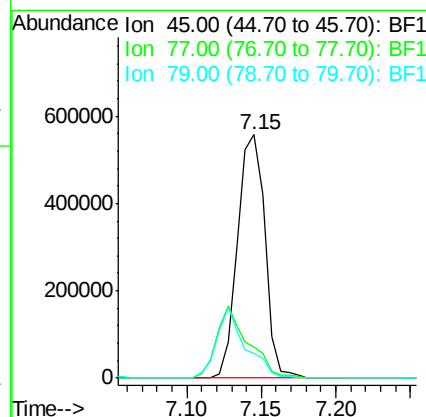
RT: 7.15 min Scan# 860

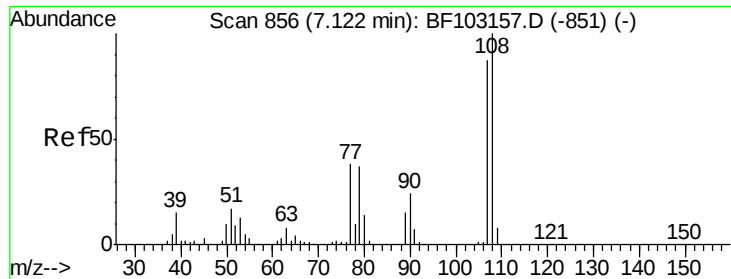
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	45	Resp:	718388
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	10.0	0.0	29.6





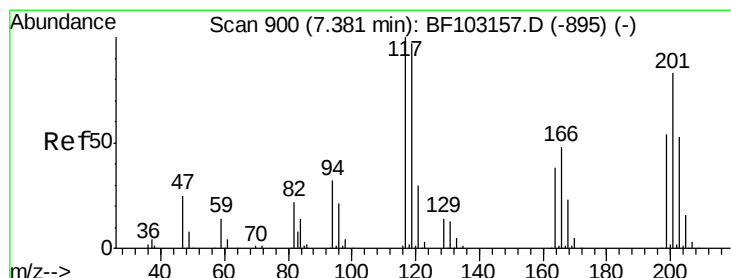
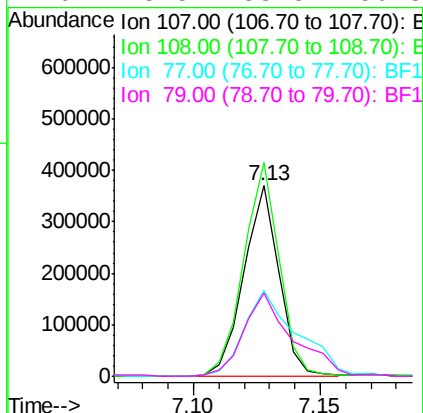
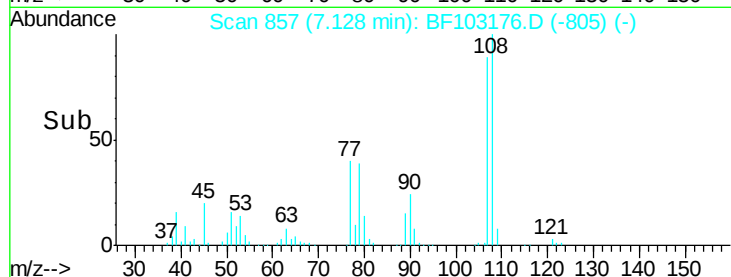
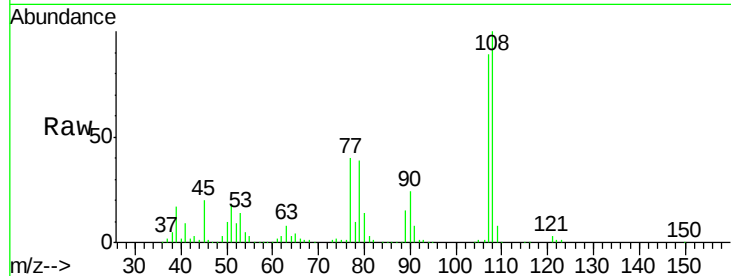
#17
2-Methylphenol
Concen: 34.991 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.7	137.5	
77	44.9	33.8	50.8	
79	43.5	33.8	50.8	

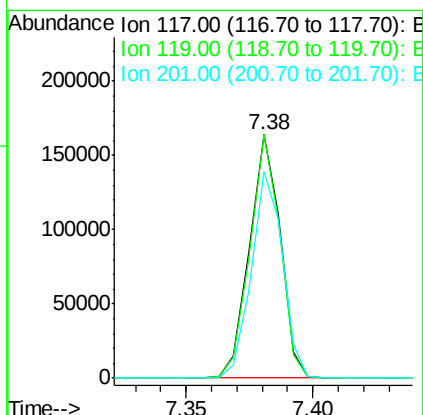
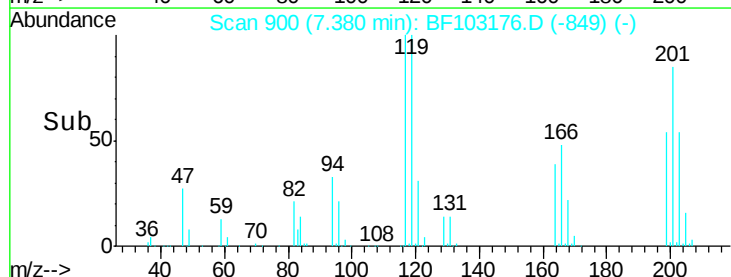
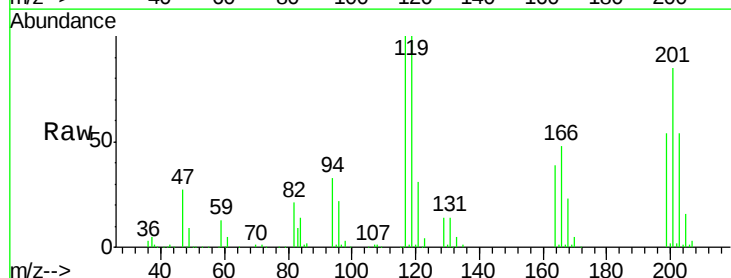
Manual Integrations
APPROVED

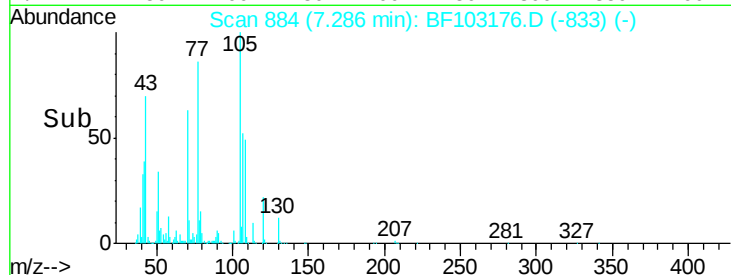
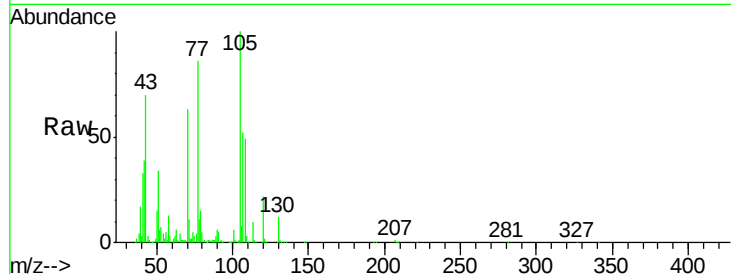
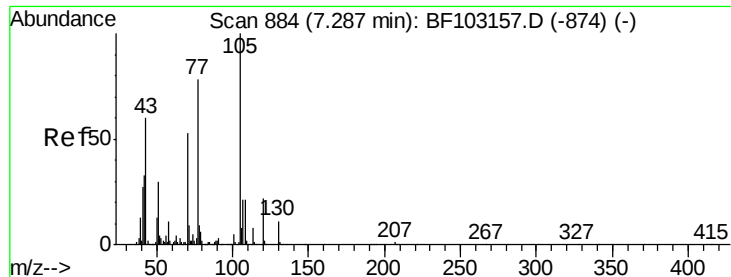
Sohil
2/23/2018 10:20:51 AM



#18
Hexachloroethane
Concen: 29.562 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	75.8	113.8	
201	84.9	75.7	113.5	





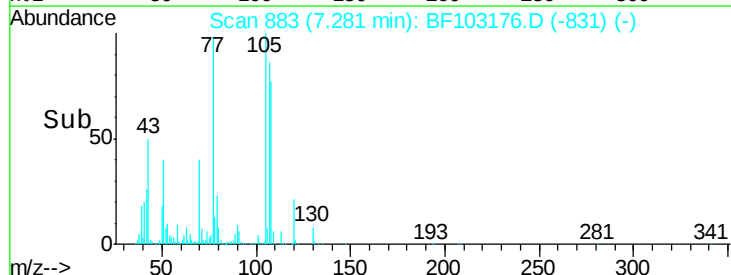
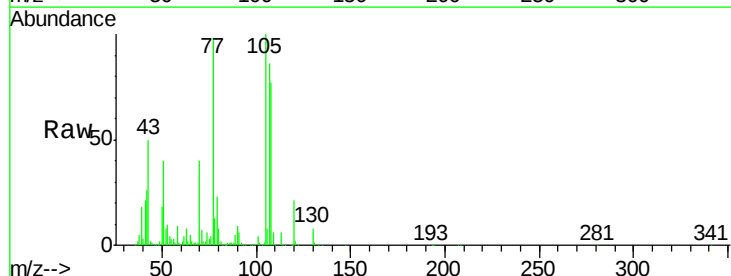
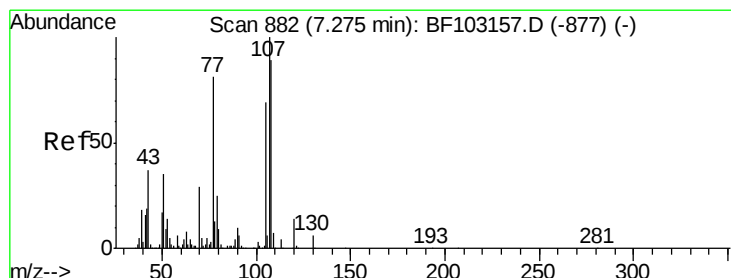
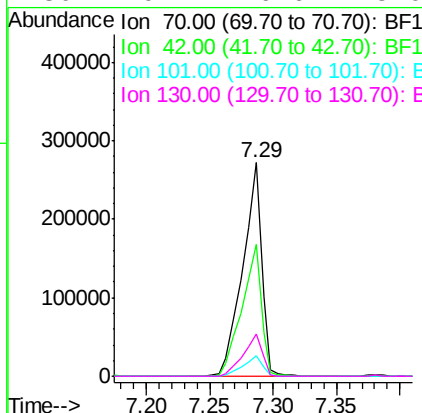
#19
n-Nitroso-di-n-propylamine
Concen: 34.052 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	47.5	71.3	
101	9.5	7.4	11.2	
130	19.7	16.6	25.0	

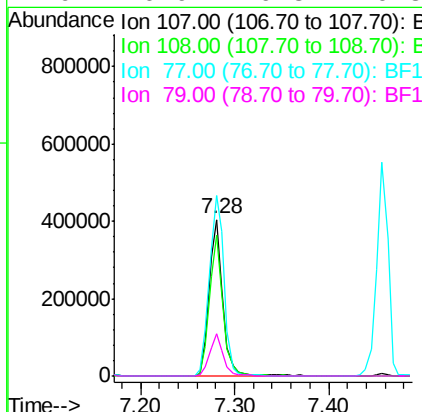
Manual Integrations
APPROVED

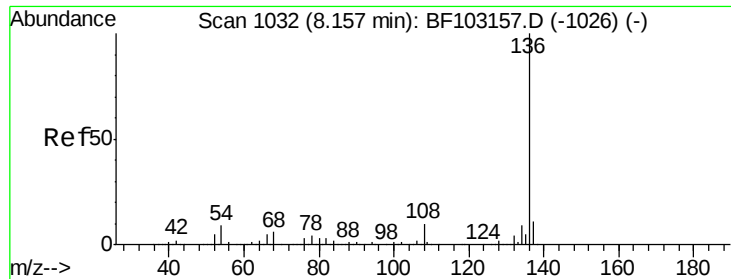
Sohil
2/23/2018 10:20:51 AM



#20
3+4-Methylphenols
Concen: 32.855 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	68.2	108.2	
77	115.1	26.7	66.7#	
79	26.9	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

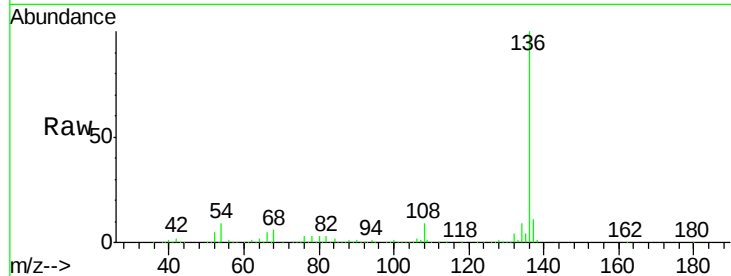
ClientSampleId :

TP-1-3FTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		690461		
137	11.0		8.9	13.3	
54	8.8		6.6	9.8	
68	6.3		5.0	7.4	

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

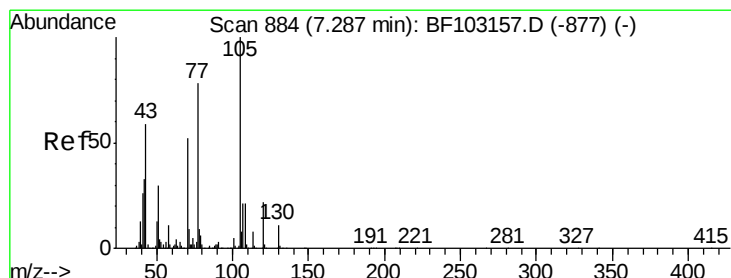
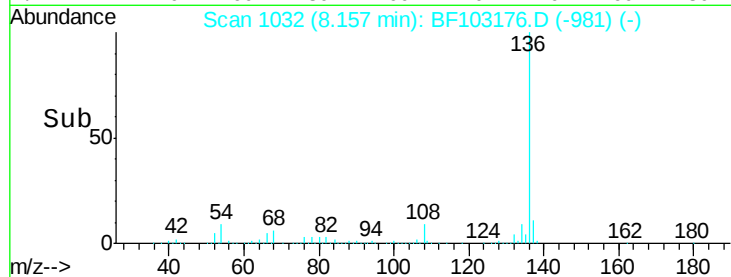
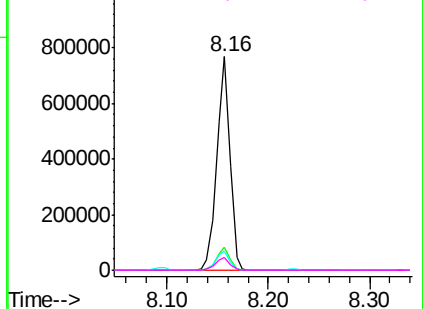


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.668 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

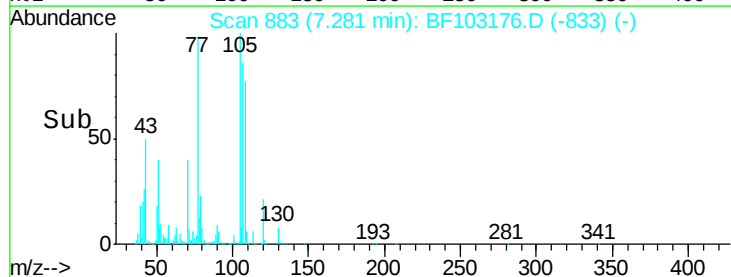
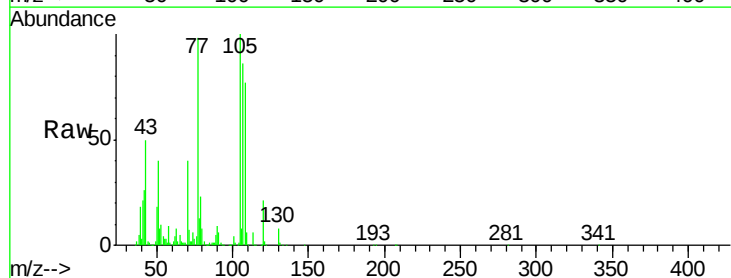
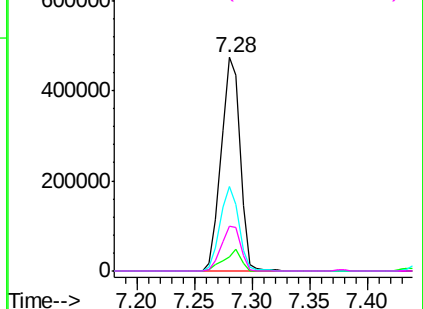
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		542607		
71	6.9		4.4	6.6#	
51	39.7		22.3	33.5#	
120	20.9		16.9	25.3	

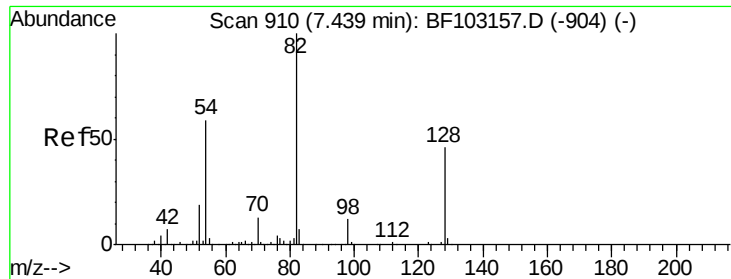
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





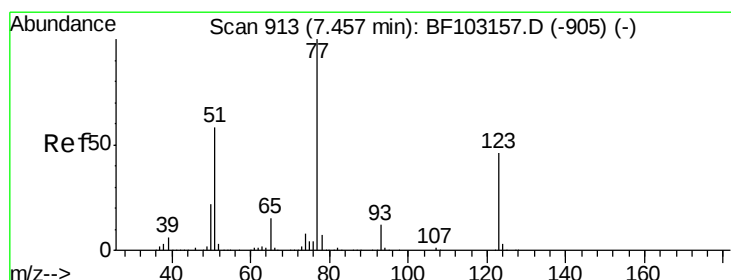
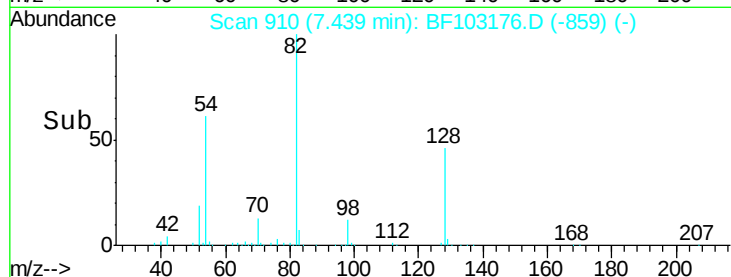
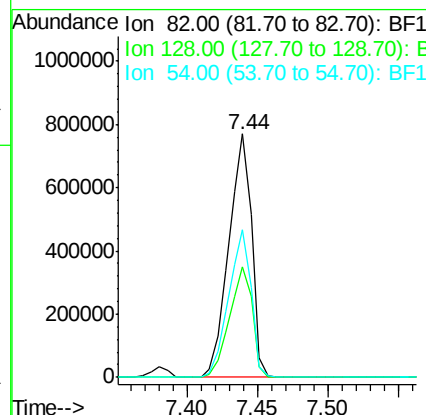
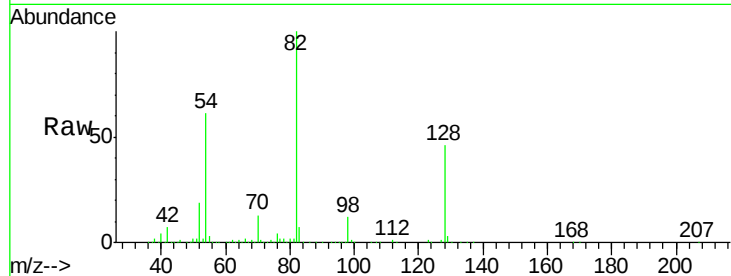
#23
Nitrobenzene-d5
Concen: 71.452 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampled :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	60.8	41.4	62.2

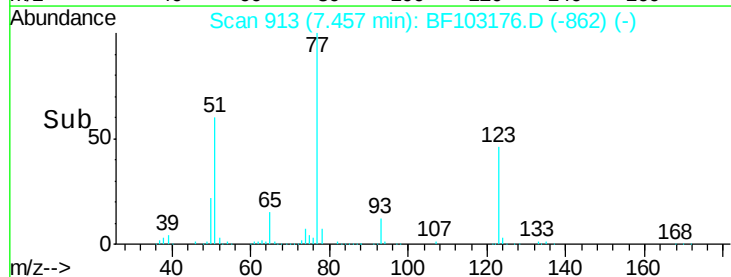
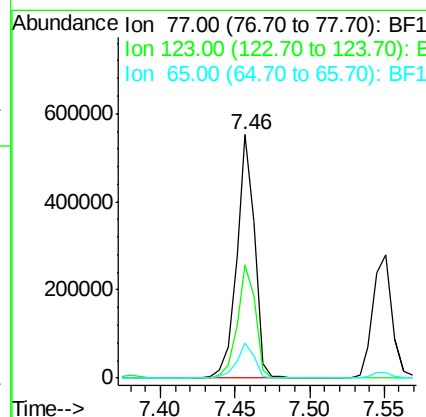
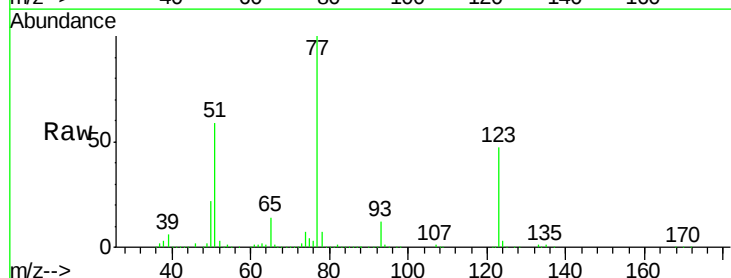
Manual Integrations
APPROVED

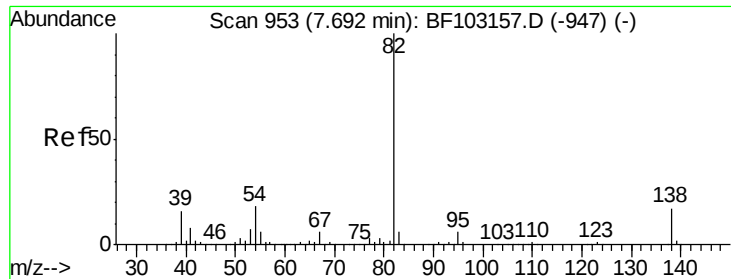
Sohil
2/23/2018 10:20:51 AM



#24
Nitrobenzene
Concen: 34.895 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 35.753 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

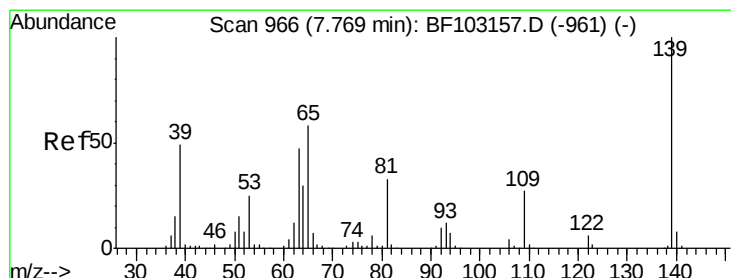
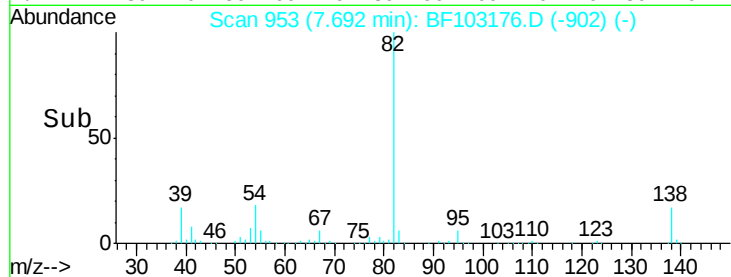
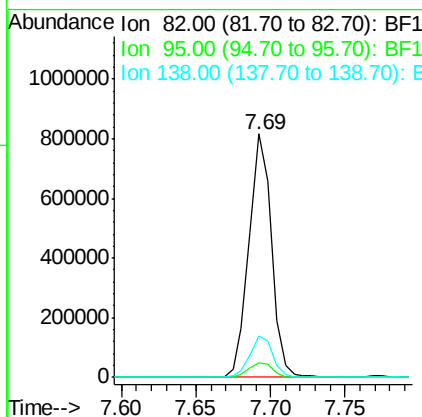
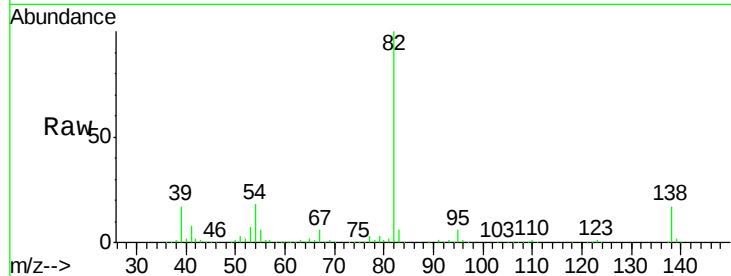
ClientSampleId :

TP-1-3FTMS

Tot Ion:	82	Resp:	851349
Ion Ratio		Lower	Upper
82	100		
95	6.1	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#26

2-Nitrophenol

Concen: 34.934 ng

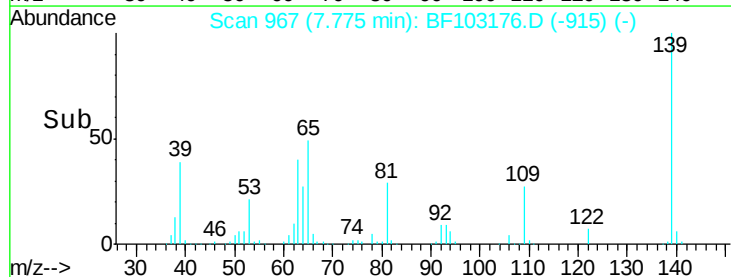
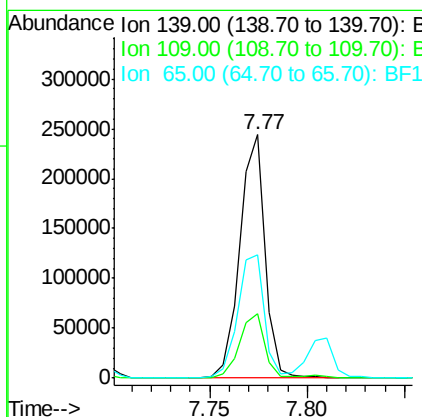
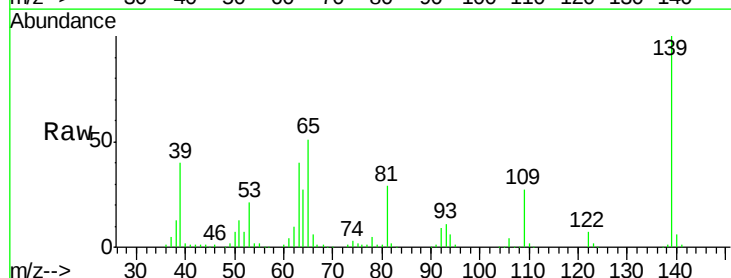
RT: 7.77 min Scan# 967

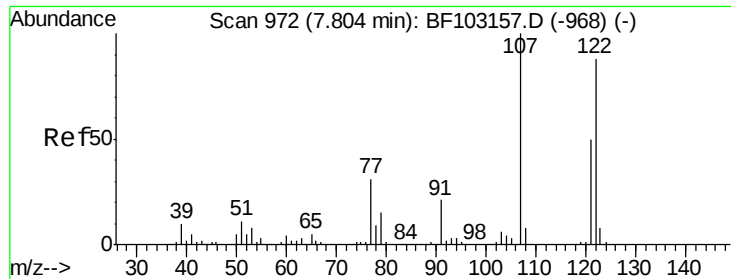
Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	139	Resp:	218915
Ion Ratio		Lower	Upper
139	100		
109	26.5	22.7	34.1
65	50.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.145 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

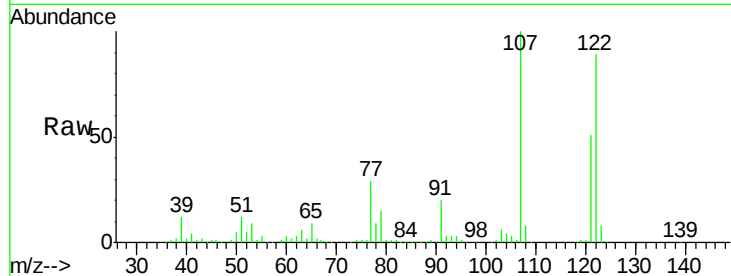
ClientSampleId :

TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	57.4	47.2	70.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

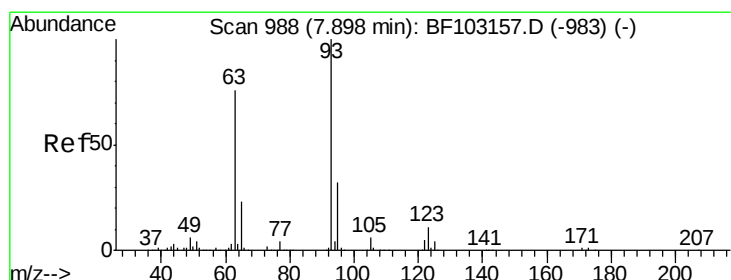
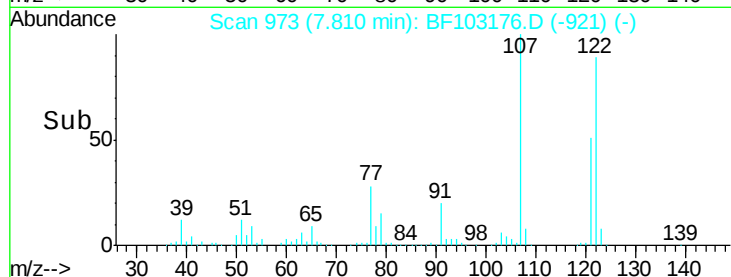
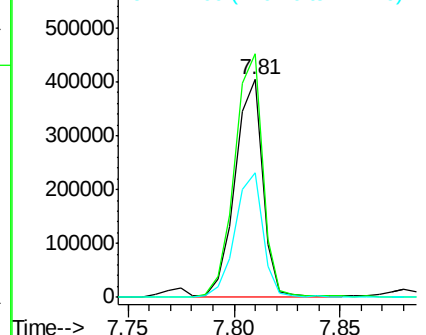


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.473 ng

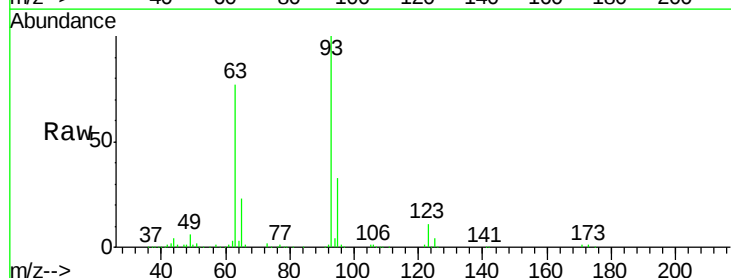
RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6

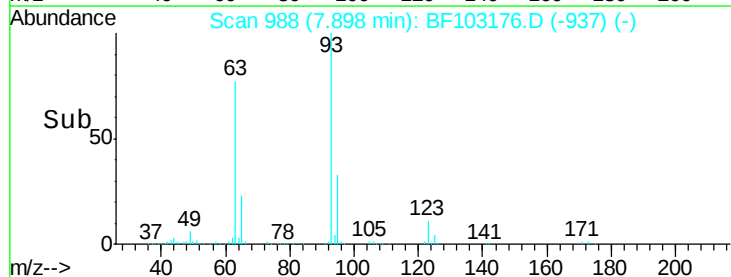
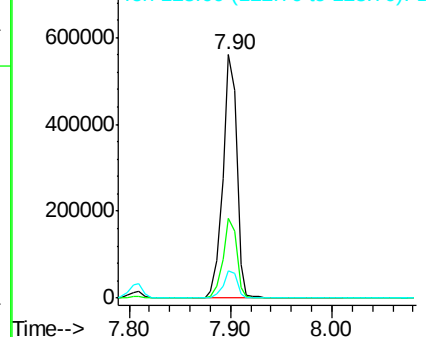


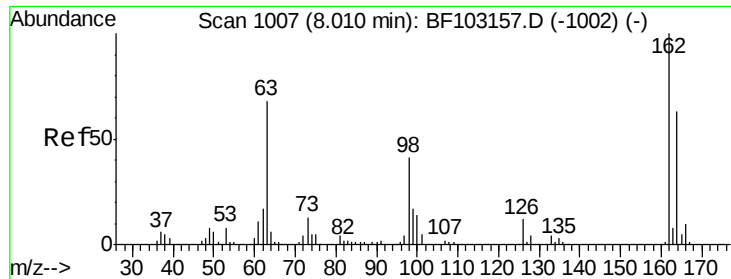
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





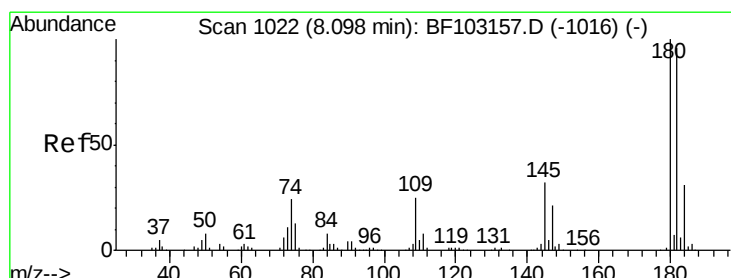
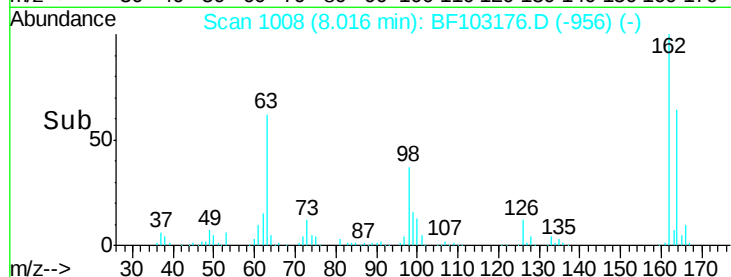
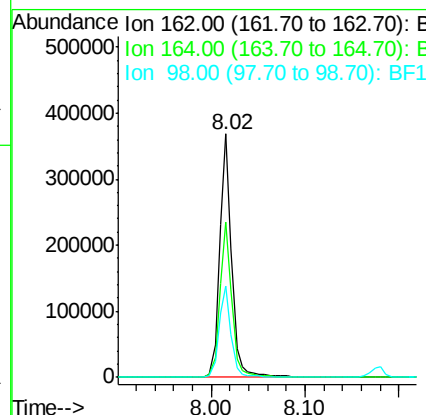
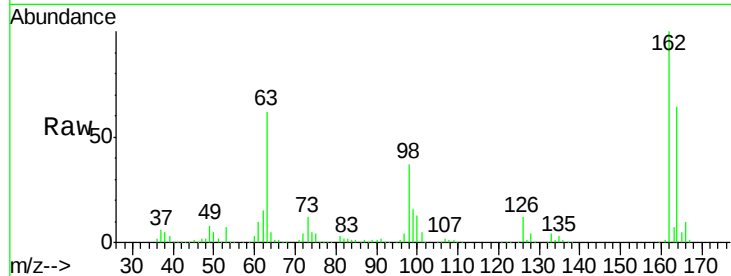
#29
2,4-Dichlorophenol
Concen: 36.456 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampled :
TP-1-3FTMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	42.7	82.7
98	37.5	18.1	58.1

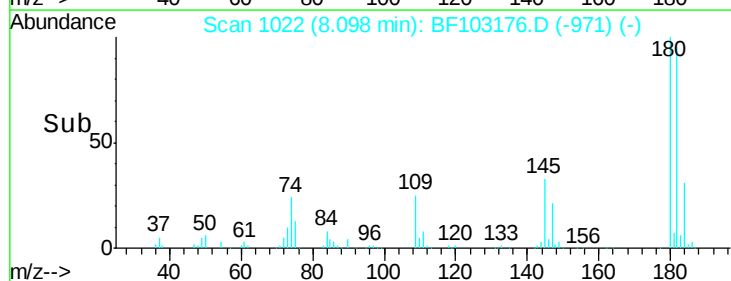
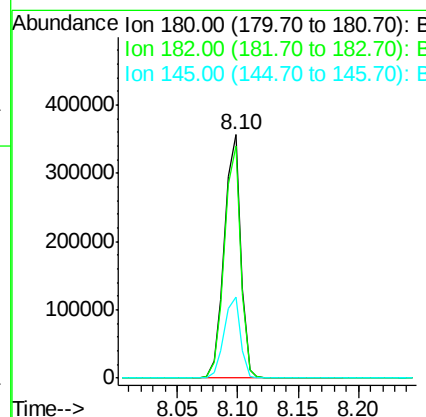
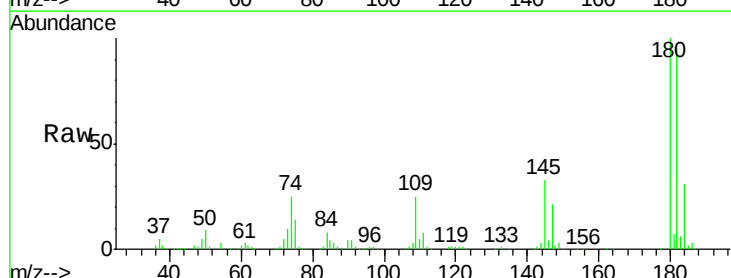
Manual Integrations
APPROVED

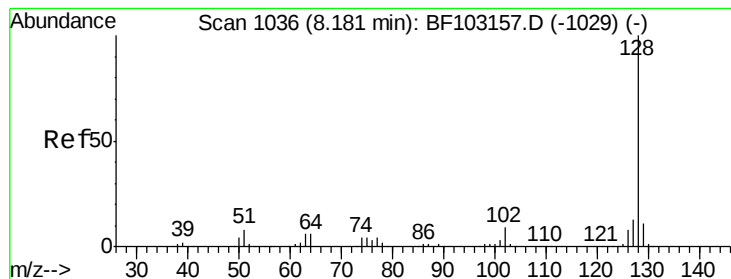
Sohil
2/23/2018 10:20:51 AM



#30
1,2,4-Trichlorobenzene
Concen: 34.008 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	76.8	115.2
145	33.0	26.5	39.7





#31

Naphthalene

Concen: 34.124 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

ClientSampled :

TP-1-3FTMS

Tot Ion:128 Resp: 1153529

Ion Ratio Lower Upper

128 100

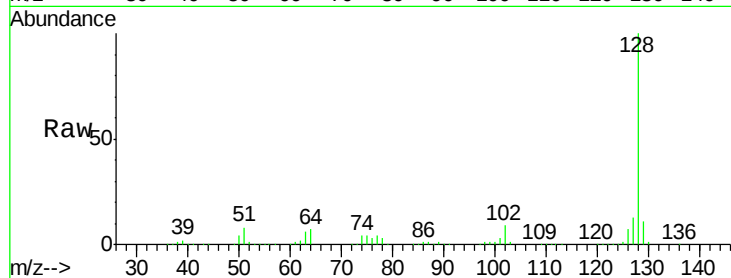
129 11.3 8.8 13.2

127 13.5 10.9 16.3

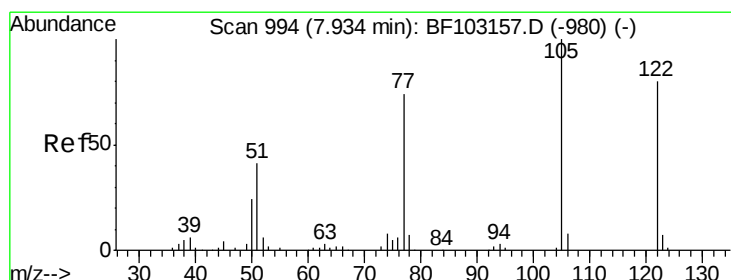
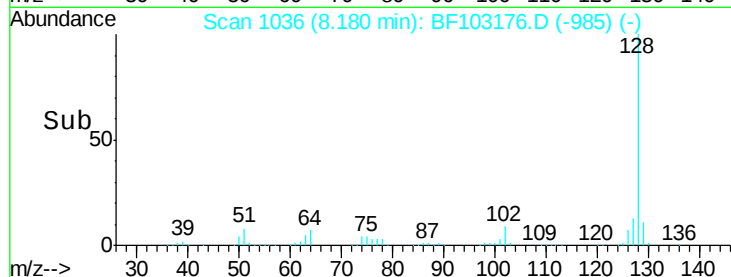
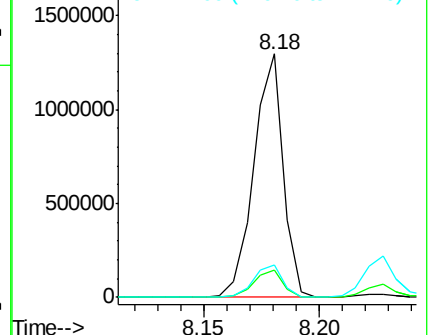
Manual Integrations
APPROVED

Sohil

2/23/2018 10:20:51 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: 8.885 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.05 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

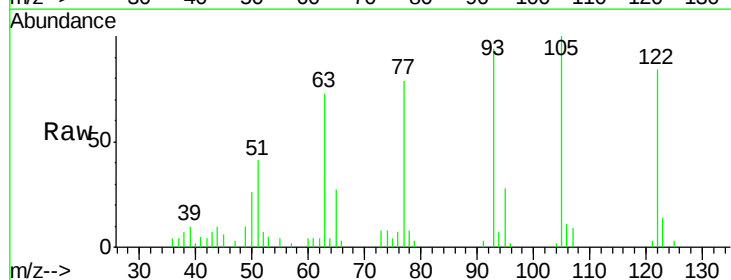
Tgt Ion:122 Resp: 16369

Ion Ratio Lower Upper

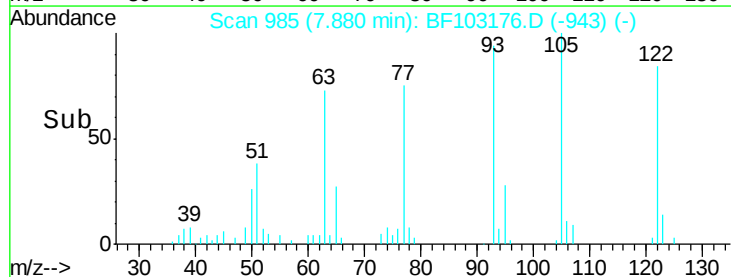
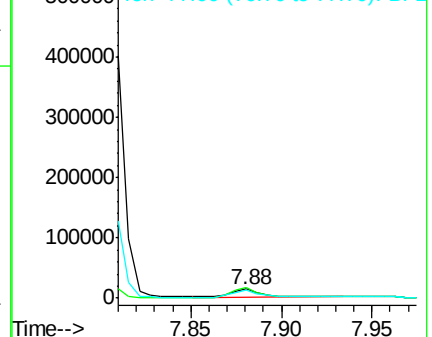
122 100

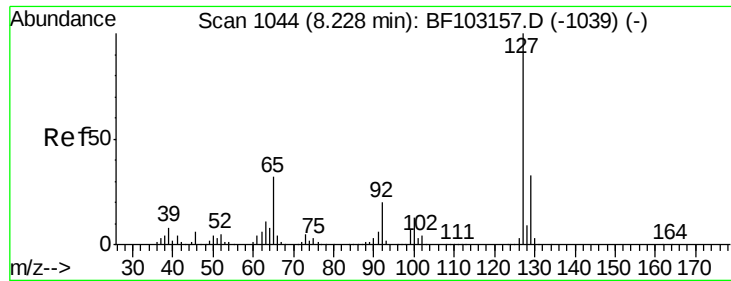
105 119.7 101.1 141.1

77 94.4 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





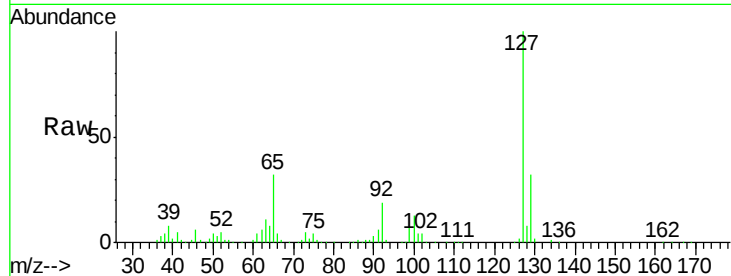
#33
4-Chloroaniline
Concen: 14.630 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

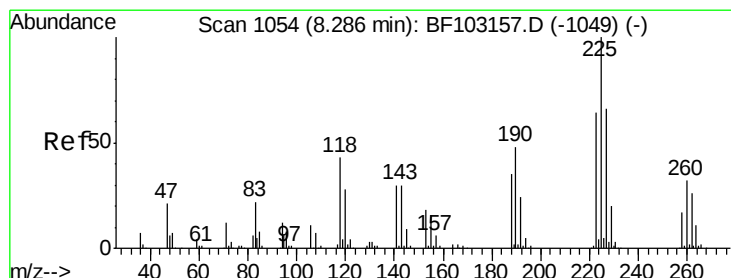
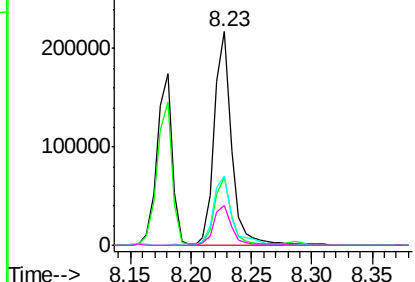
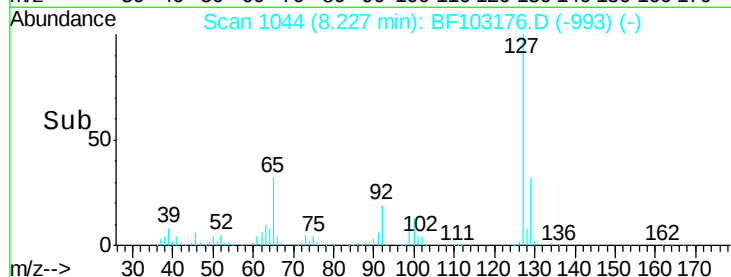
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		213408		
129	31.8	25.9	38.9		
65	32.3	25.0	37.4		
92	18.8	15.2	22.8		

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

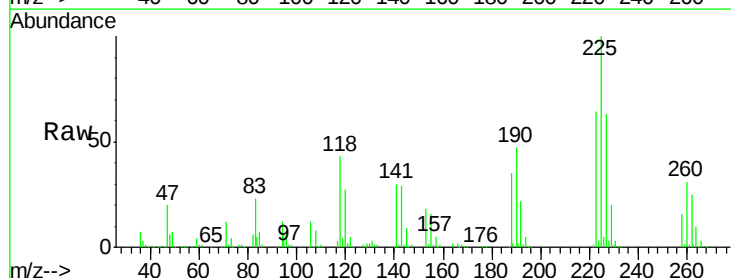


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

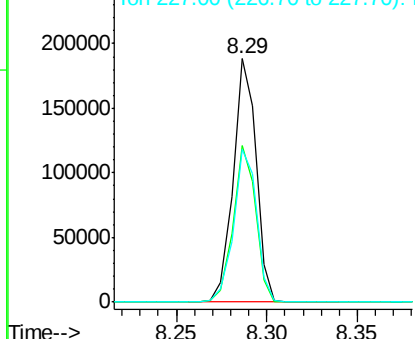
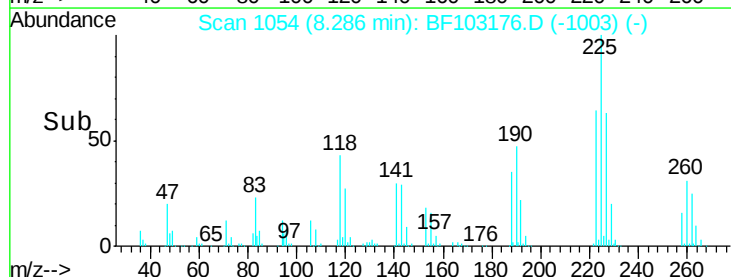


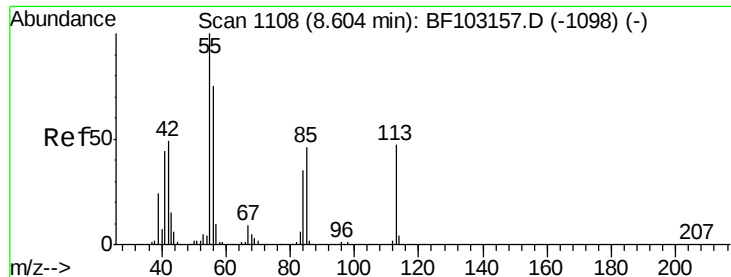
#34
Hexachlorobutadiene
Concen: 32.629 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		165935		
223	64.2	50.6	76.0		
227	62.6	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.883 ng m

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

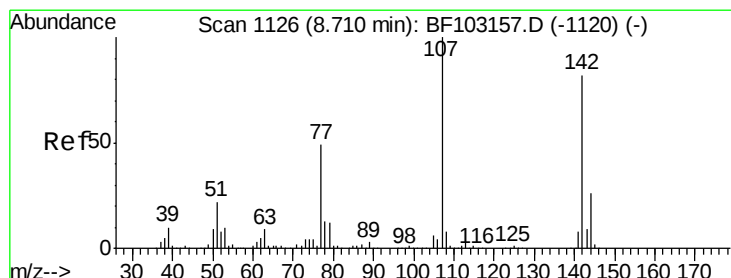
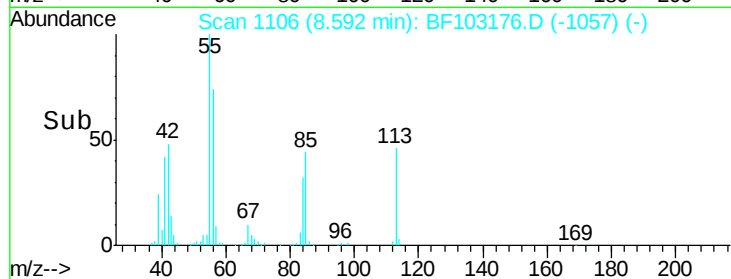
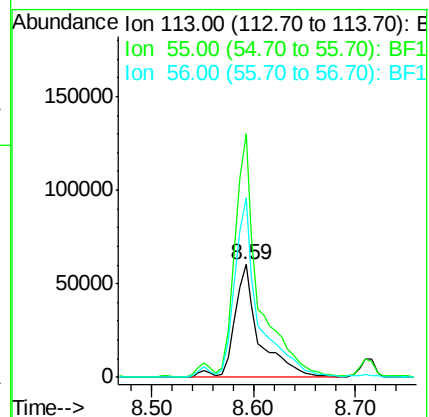
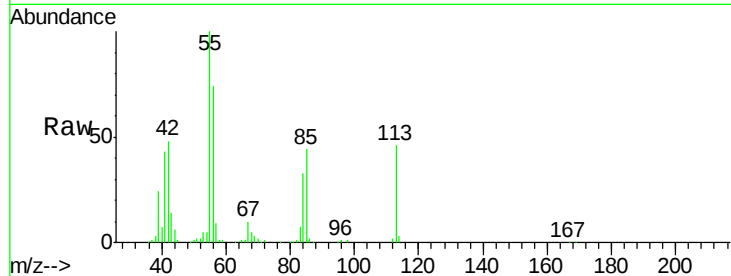
ClientSampleId :

TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	216.5	163.3	203.3#
56	159.5	115.7	155.7#

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#36

4-Chloro-3-methylphenol

Concen: 34.821 ng

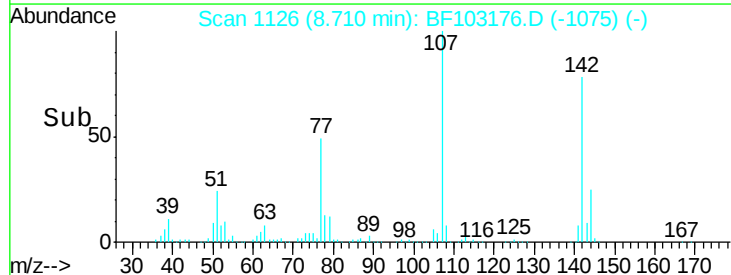
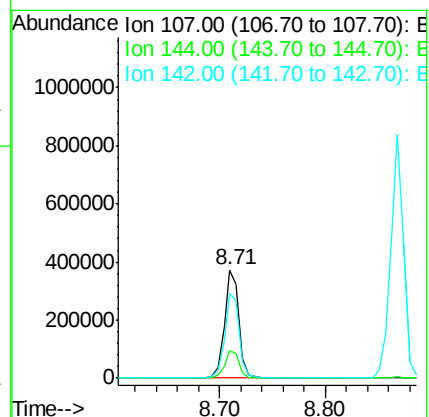
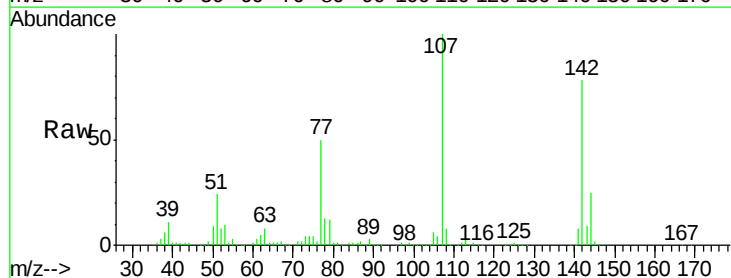
RT: 8.71 min Scan# 1126

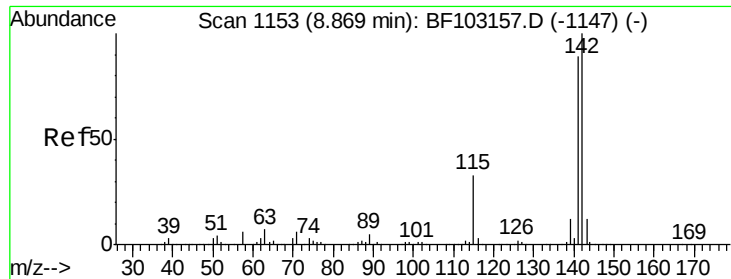
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	78.0	62.0	93.0





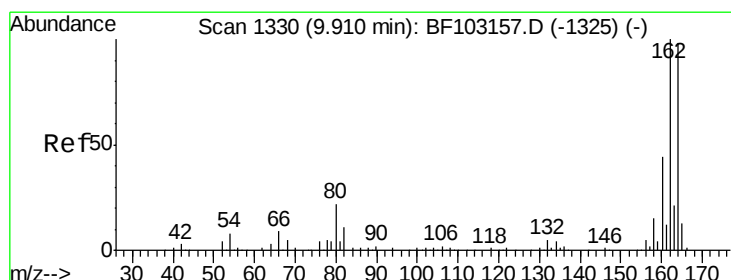
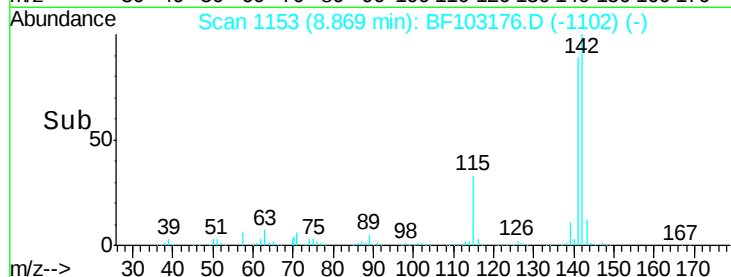
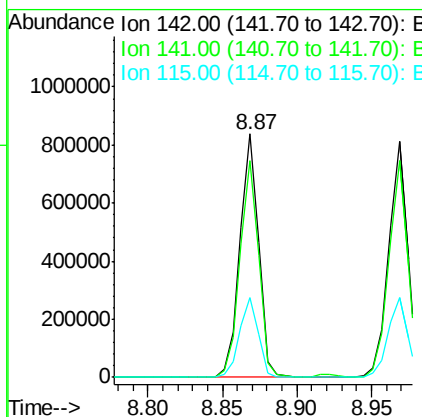
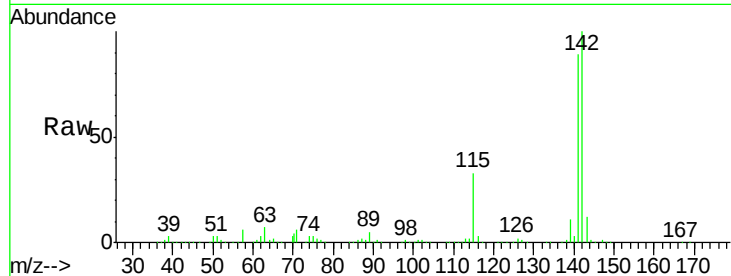
#37
2-Methylnaphthalene
Concen: 33.753 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.8	26.1	39.1

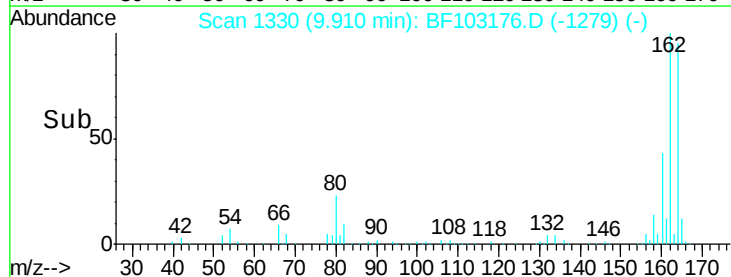
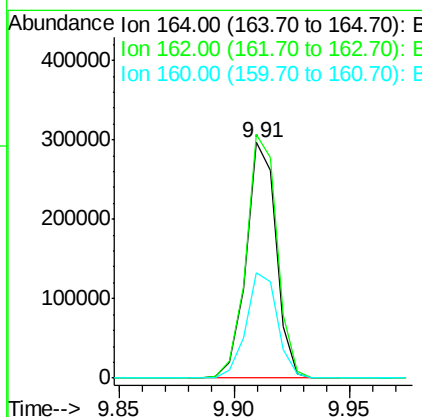
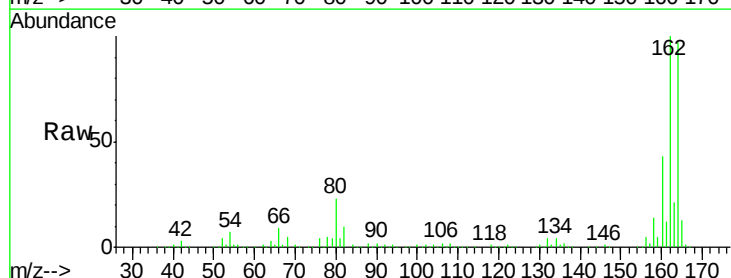
Manual Integrations
APPROVED

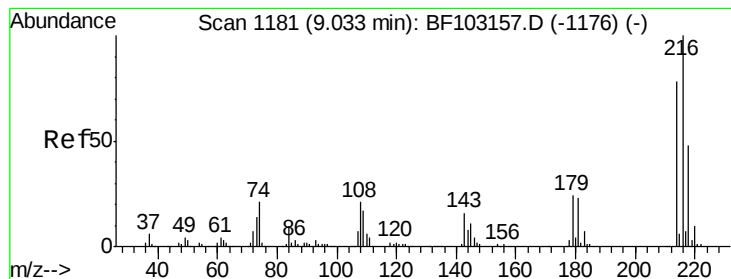
Sohil
2/23/2018 10:20:51 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	44.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.930 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

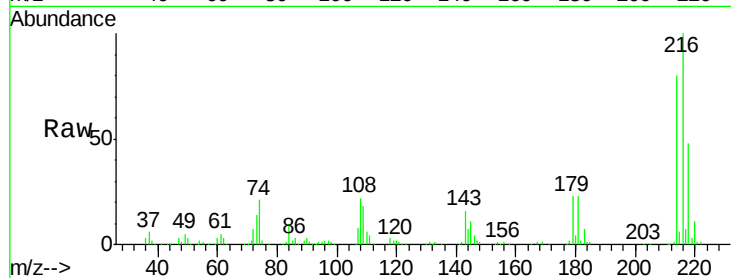
ClientSampled :

TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	279243		
214	79.6	63.0	94.4	
179	23.5	18.1	27.1	
108	21.7	17.2	25.8	

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

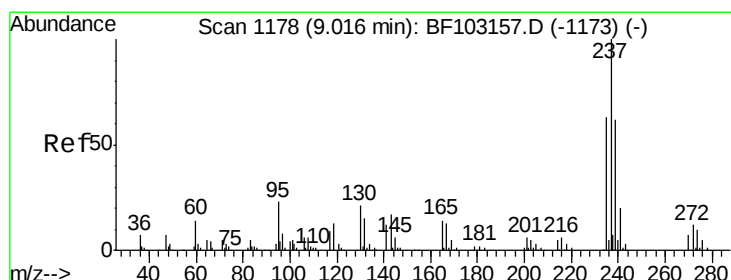
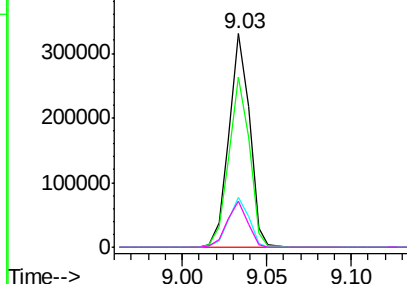
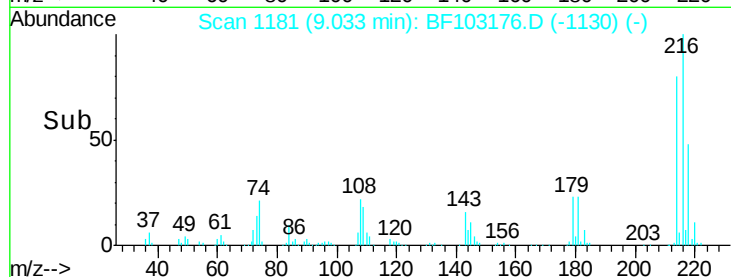


Abundance Ion 216.00 (215.70 to 216.70): E

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: 15.362 ng

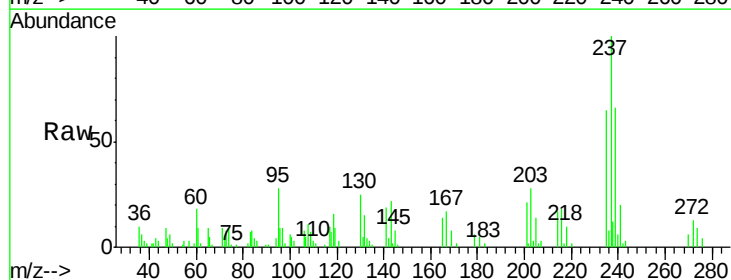
RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

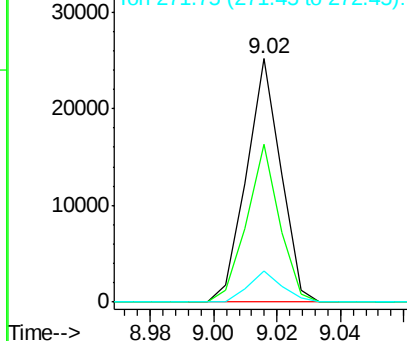
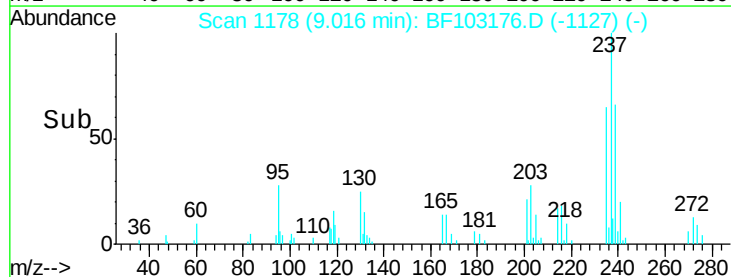
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	18917		
235	64.7	44.8	84.8	
272	12.7	0.0	33.3	

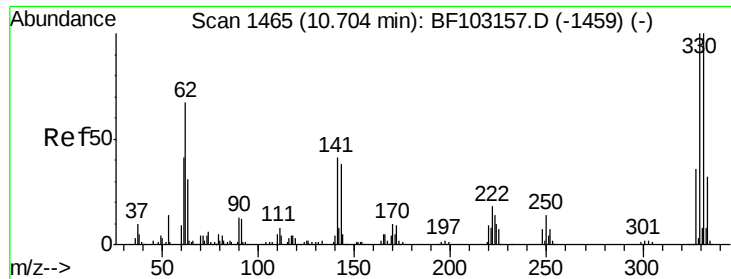


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





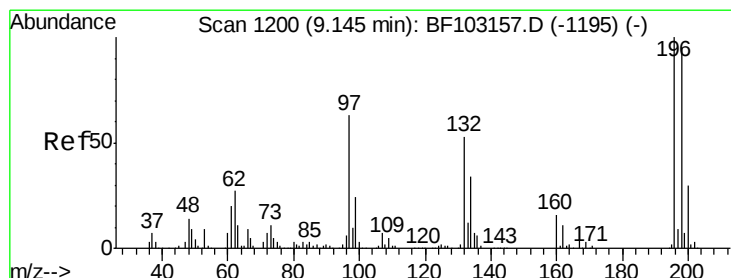
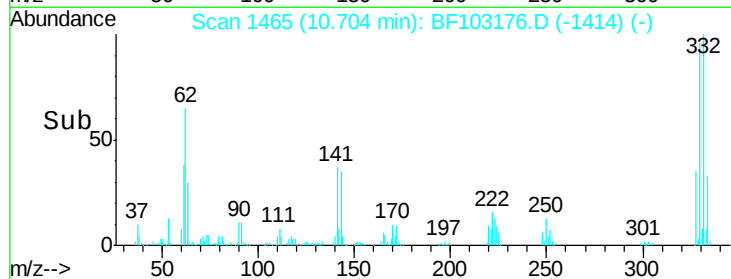
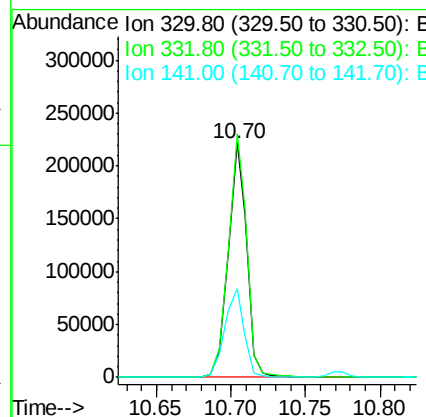
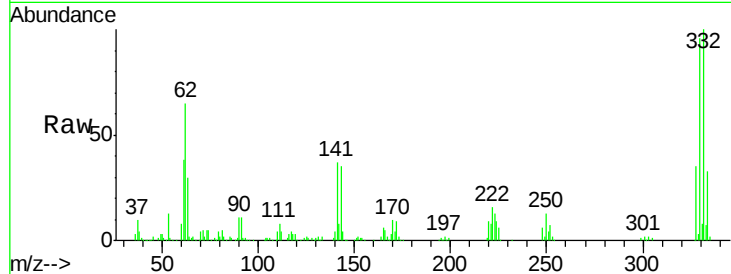
#41
 2,4,6-Tribromophenol
 Concen: 85.711 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	195375		
332	104.1	77.0	115.6	
141	40.1	29.9	44.9	

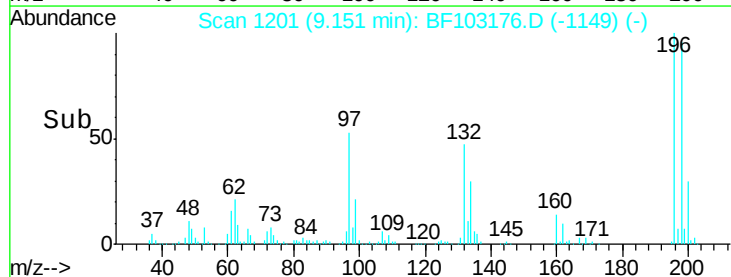
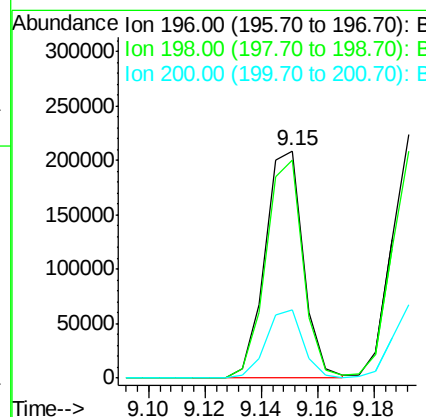
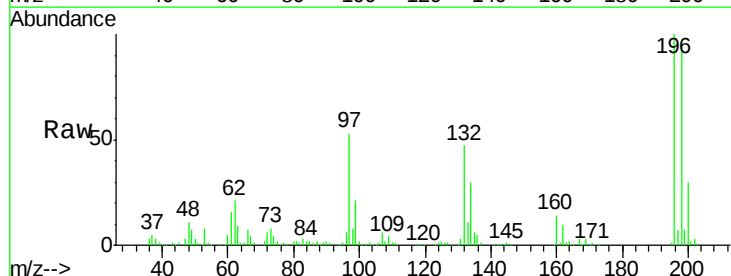
Manual Integrations
 APPROVED

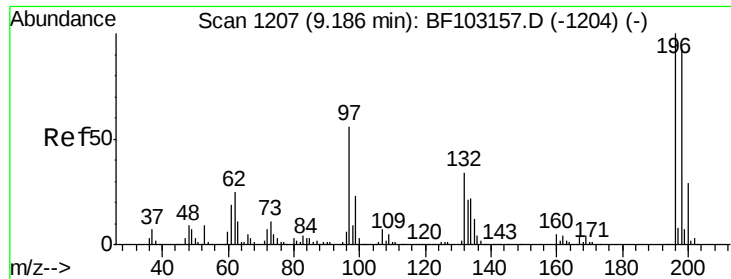
Sohil
 2/23/2018 10:20:51 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.694 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196637		
198	95.8	75.7	113.5	
200	30.2	24.5	36.7	





#43

2,4,5-Trichlorophenol

Concen: 35.103 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

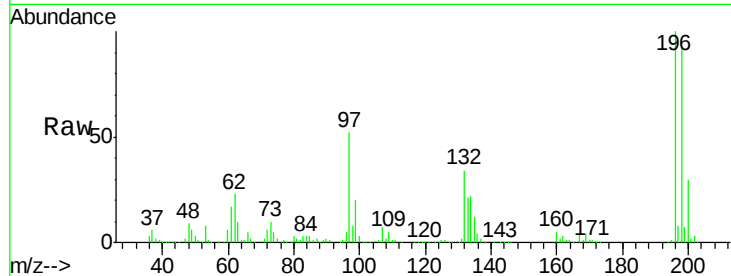
ClientSampleId :

TP-1-3FTMS

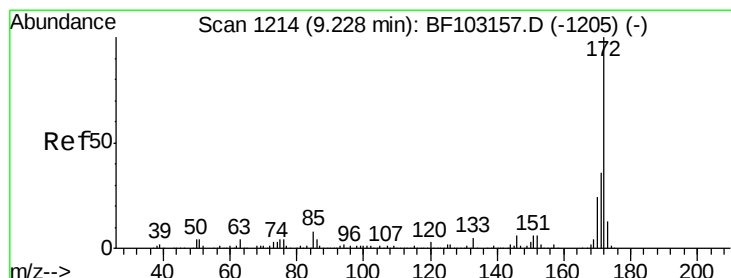
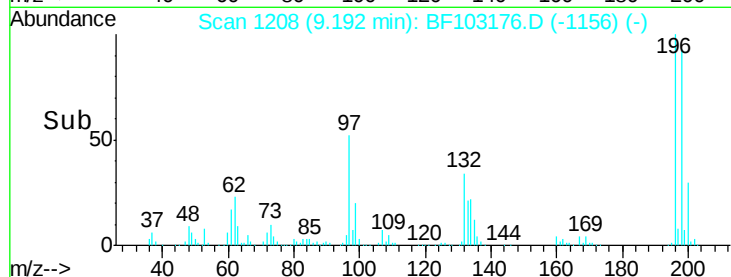
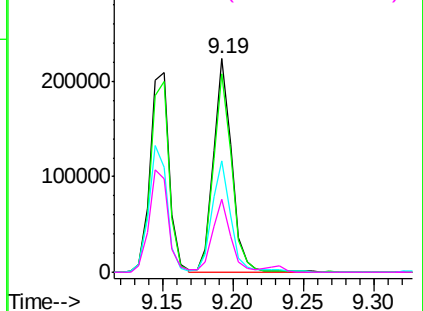
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		200001		
198	93.0		74.6	112.0	
97	52.0		42.9	64.3	
132	34.3		26.3	39.5	

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 78.507 ng

RT: 9.23 min Scan# 1214

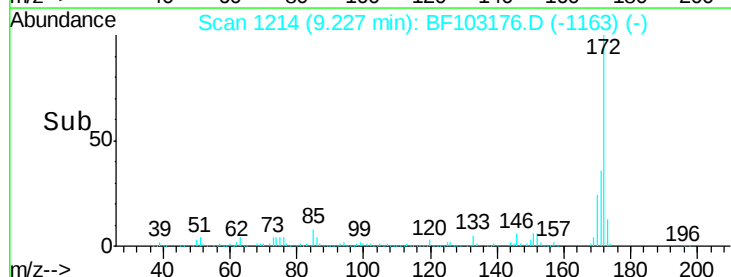
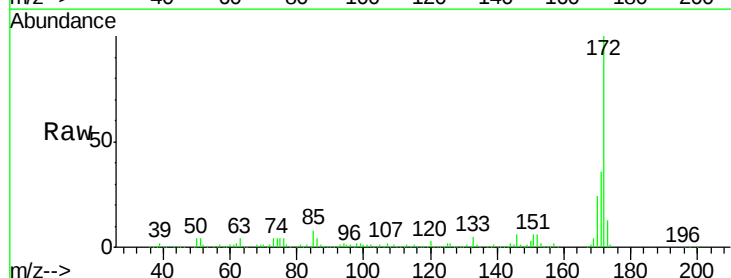
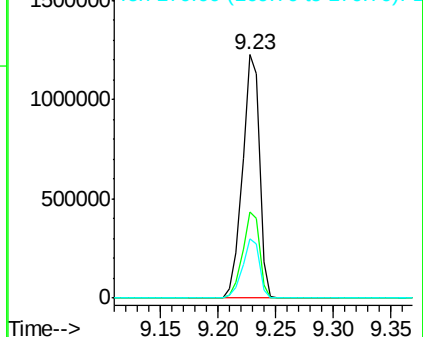
Delta R.T. 0.00 min

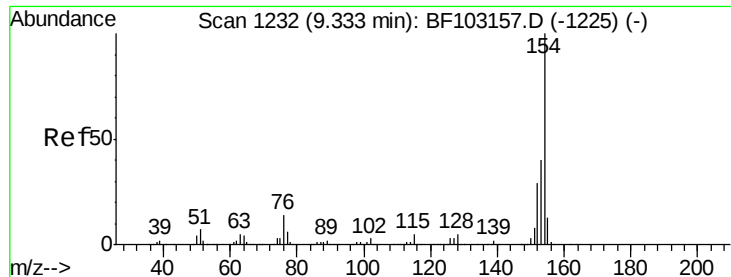
Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1250000		
171	35.6		29.7	44.5	
170	24.2		19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





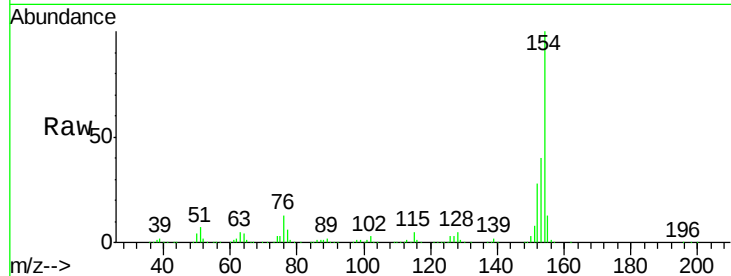
#45
 1,1'-Biphenyl
 Concen: 36.921 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	21.3	61.3
76	12.9	0.0	34.0

Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:51 AM

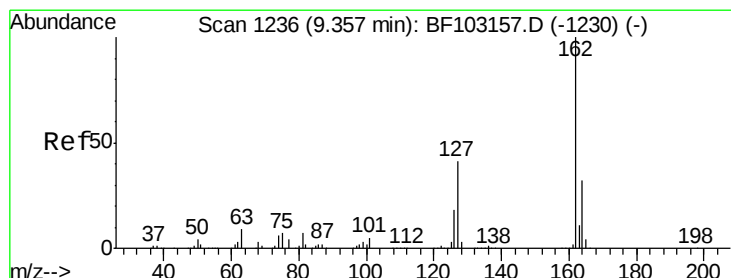
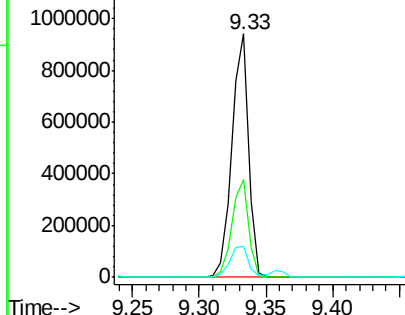
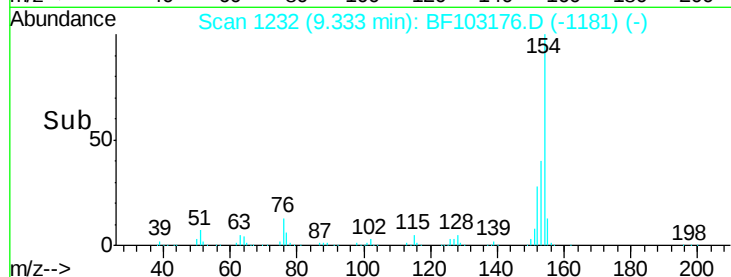


Abundance

Ion 154.00 (153.70 to 154.70): E

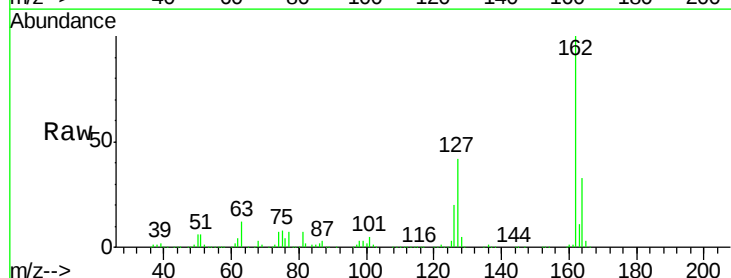
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46
 2-Chloronaphthalene
 Concen: 36.183 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.1	33.9	50.9
164	32.7	26.5	39.7

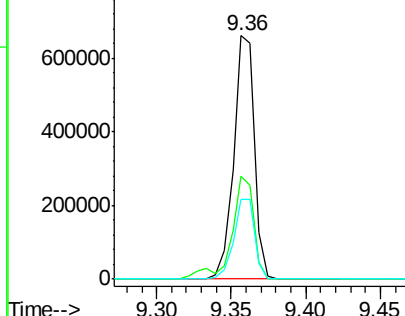
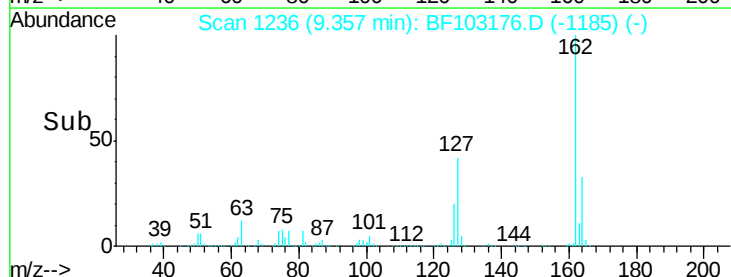


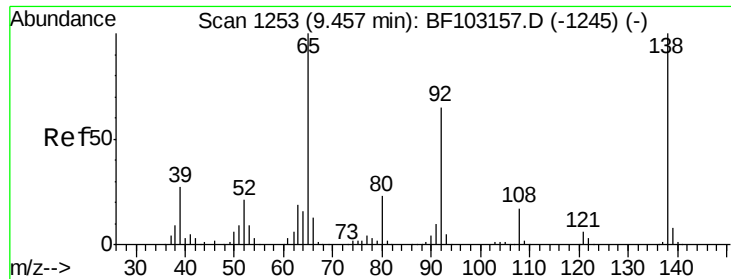
Abundance

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: 37.689 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

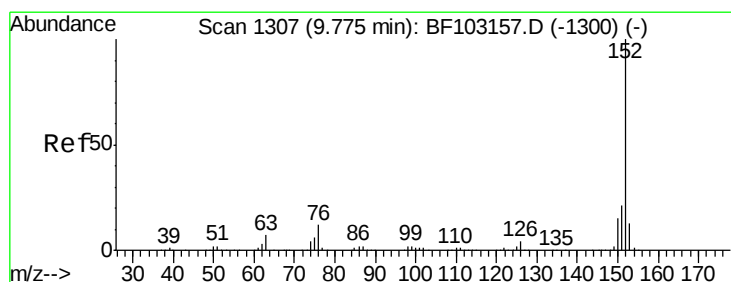
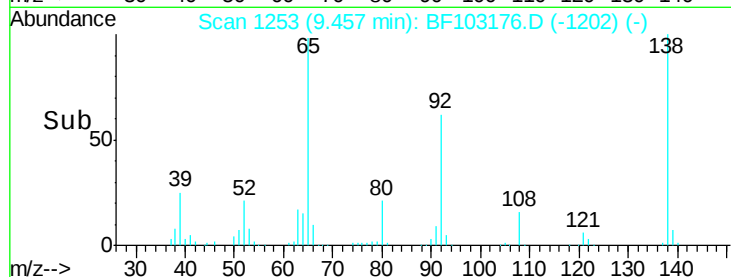
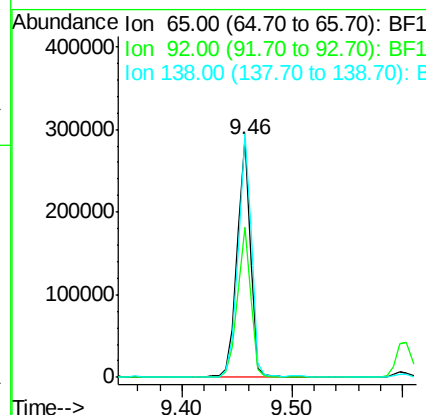
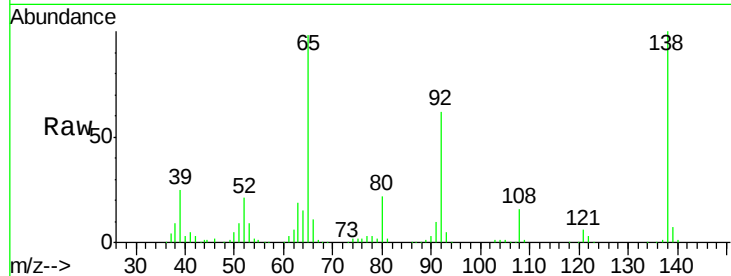
ClientSampleId :

TP-1-3FTMS

Tot Ion:	65	Resp:	249239
Ion Ratio	Lower	Upper	
65	100		
92	63.0	55.8	83.6
138	102.2	91.2	136.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#48

Acenaphthylene

Concen: 34.586 ng

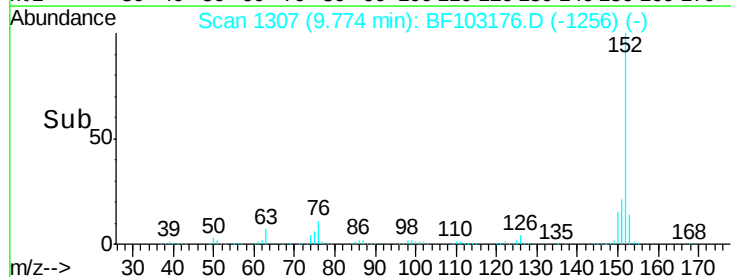
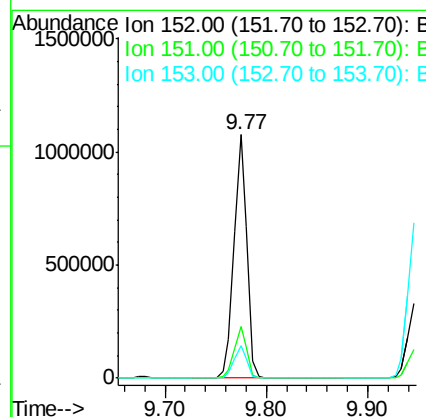
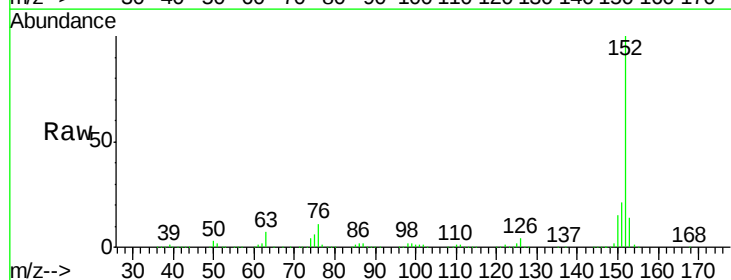
RT: 9.77 min Scan# 1307

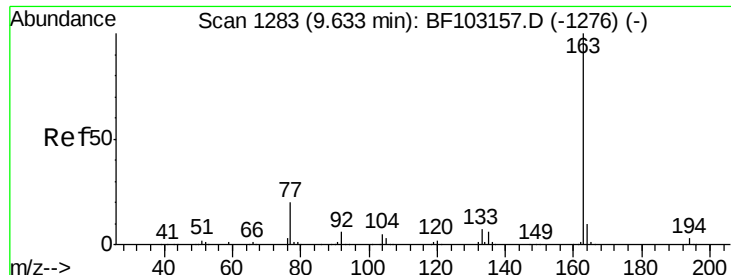
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	152	Resp:	950025
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.3	24.5
153	13.6	10.7	16.1





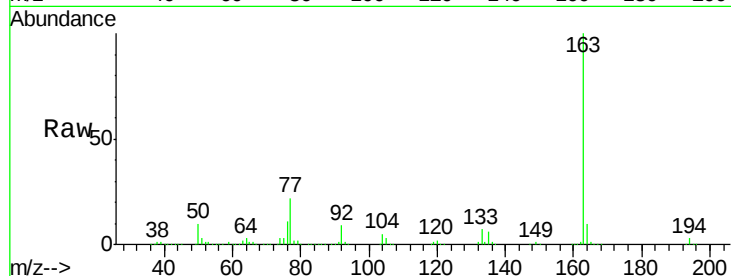
#49
Dimethylphthalate
Concen: 40.121 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

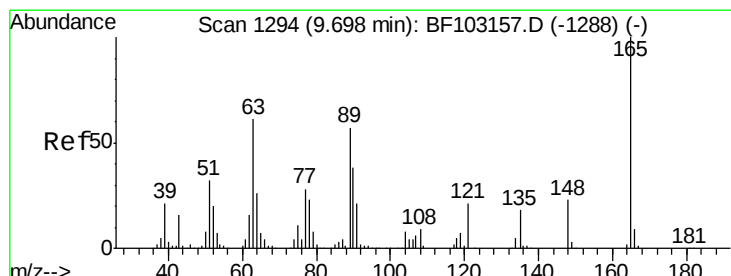
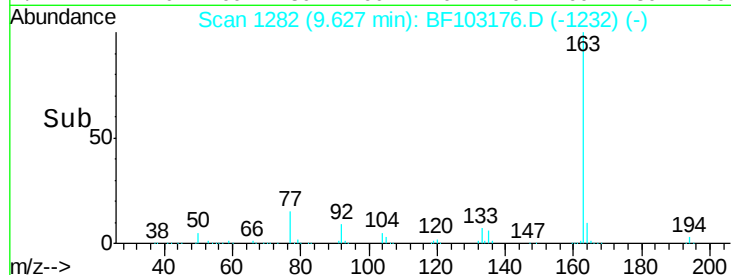
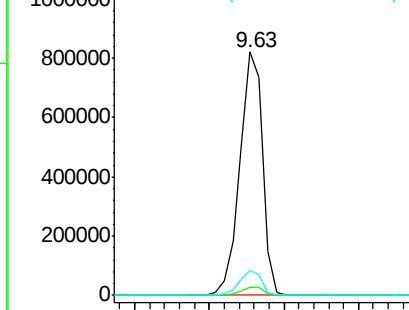
Tot Ion	Ratio	Resp	Lower	Upper
163	100	866752		
194	3.1		2.7	4.1
164	10.2		8.2	12.2

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

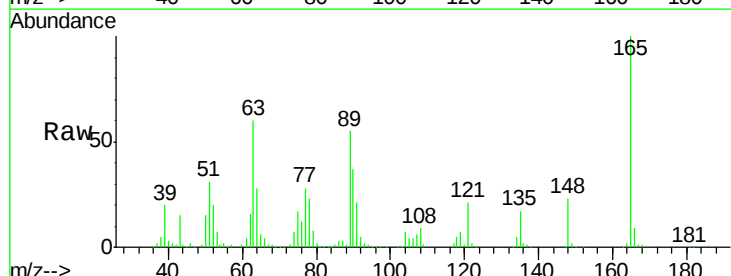


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

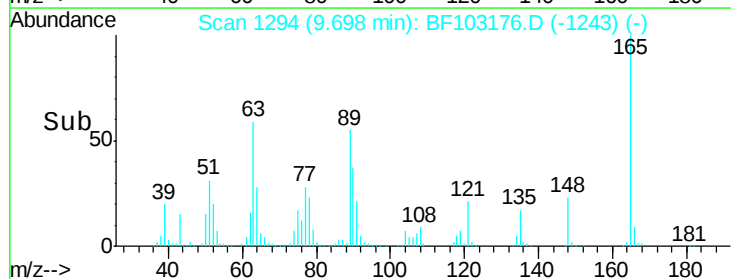
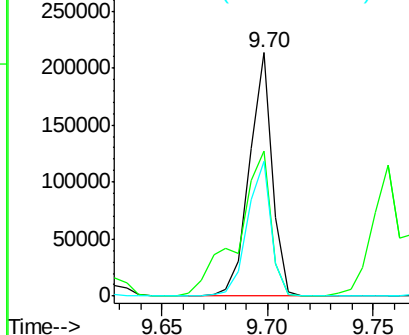


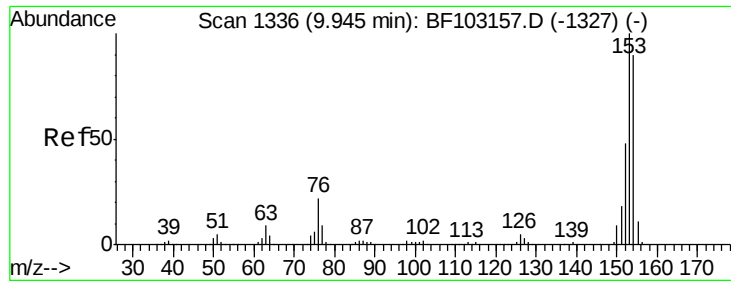
#50
2,6-Dinitrotoluene
Concen: 35.337 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	160202		
63	59.6		44.7	67.1
89	55.4		44.0	66.0



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





#51

Acenaphthene

Concen: 33.582 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

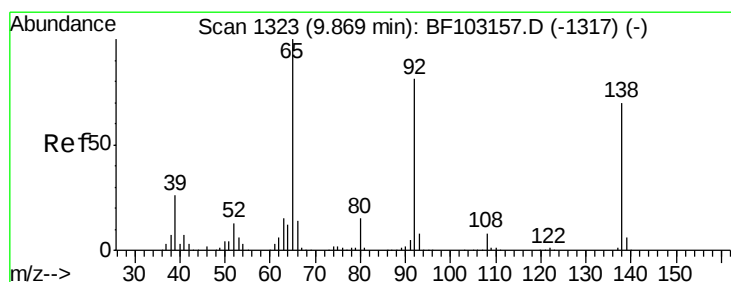
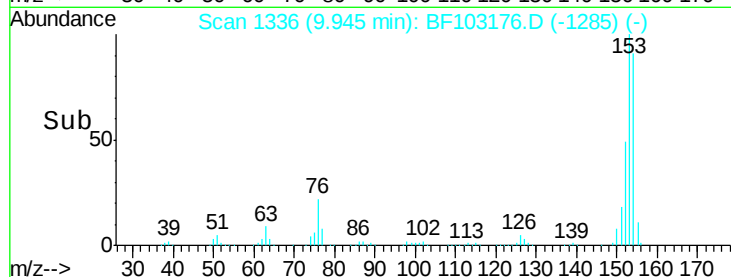
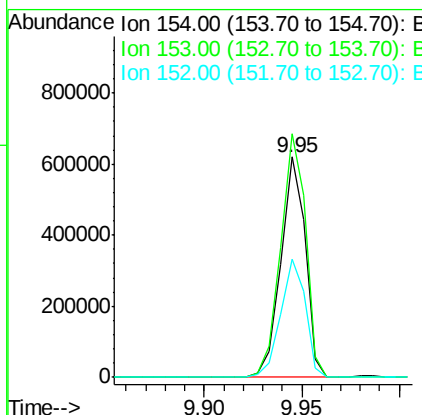
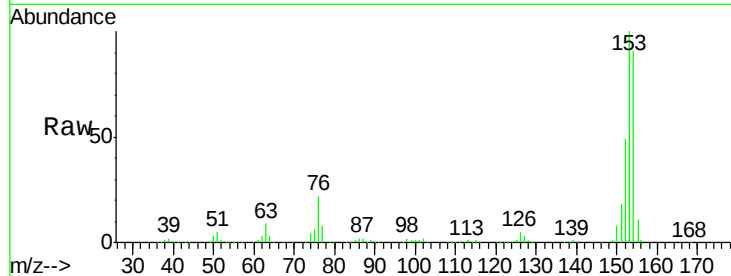
ClientSampleId :

TP-1-3FTMS

Tot Ion:	154	Resp:	537879
Ion Ratio	Lower	Upper	
154	100		
153	110.5	91.2	136.8
152	53.6	43.8	65.8

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#52

3-Nitroaniline

Concen: 27.833 ng

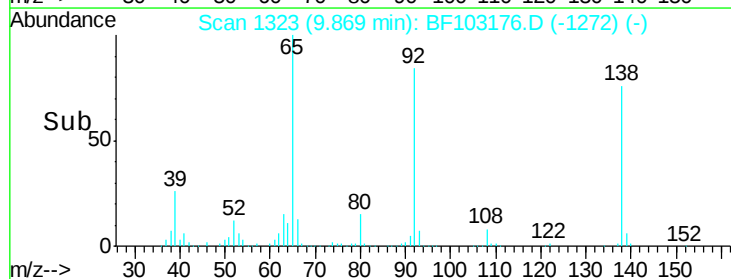
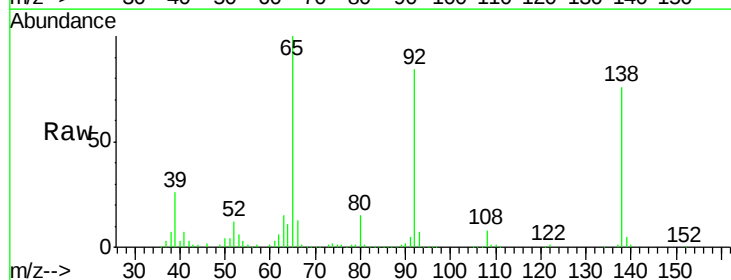
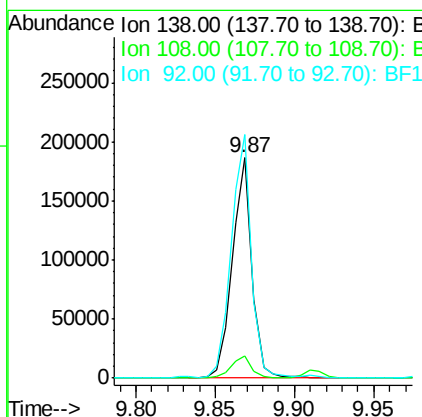
RT: 9.87 min Scan# 1323

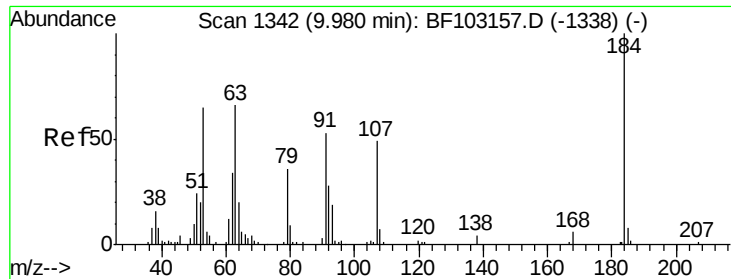
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	138	Resp:	160094
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	110.5	89.4	134.2





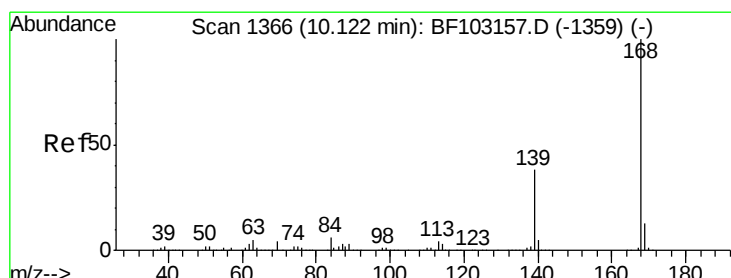
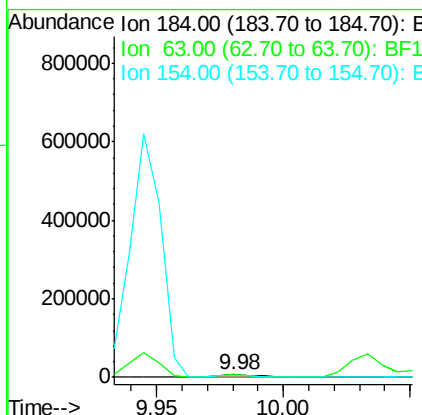
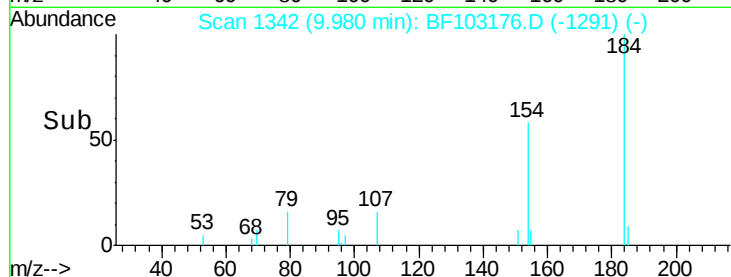
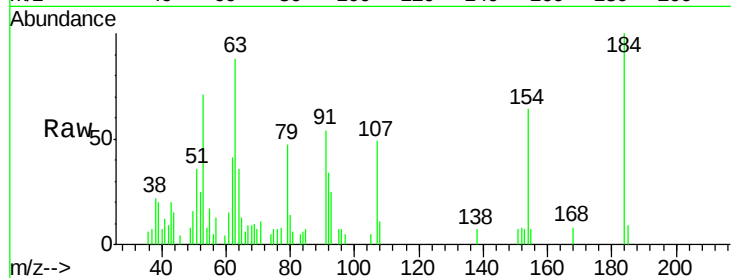
#53
2,4-Dinitrophenol
Concen: 14.085 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	87.6	54.2	81.2#	
154	64.2	184.0	276.0#	

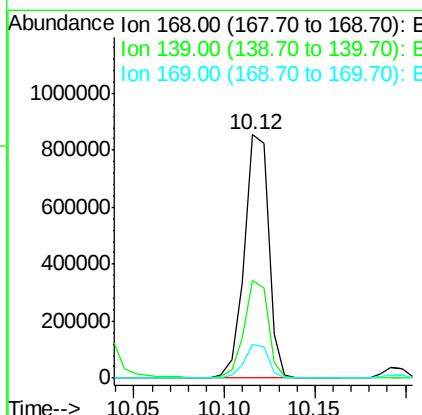
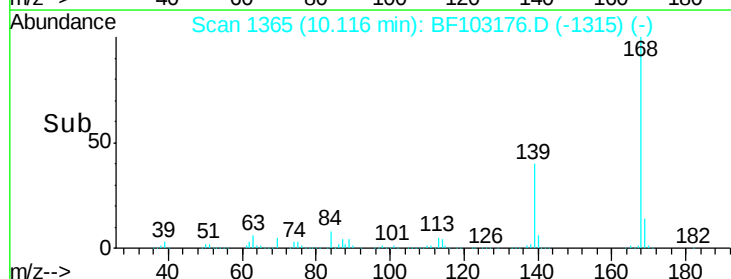
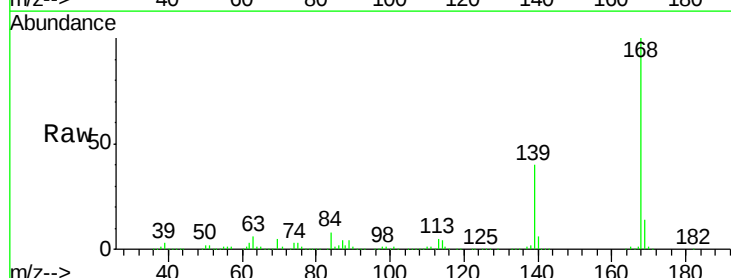
Manual Integrations
APPROVED

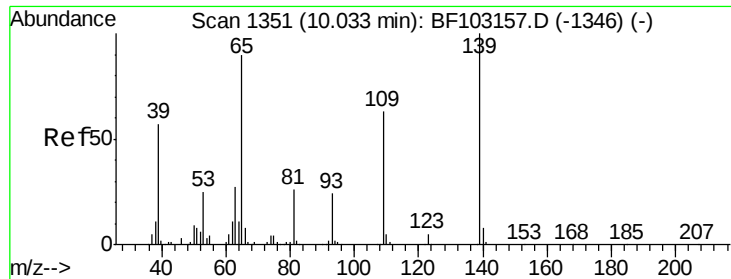
Sohil
2/23/2018 10:20:51 AM



#54
Dibenzofuran
Concen: 36.158 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	30.1	45.1	
169	13.9	10.9	16.3	





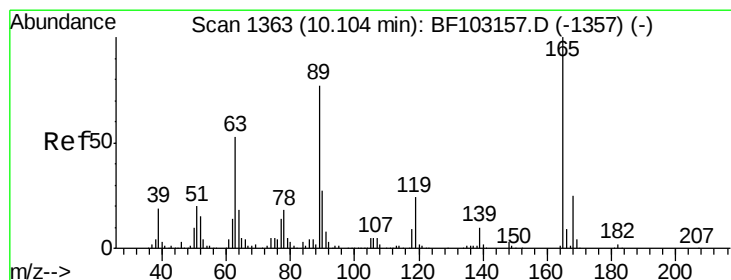
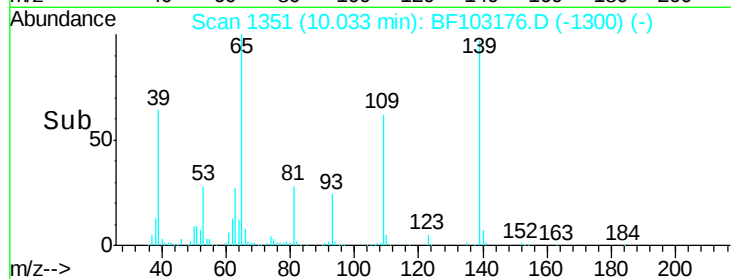
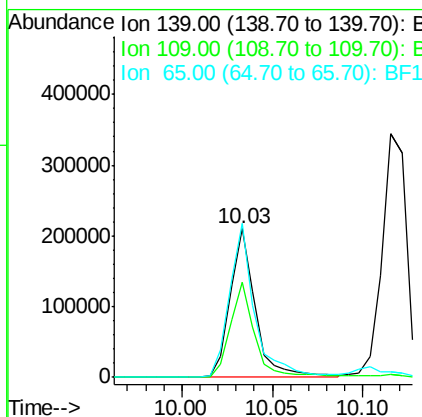
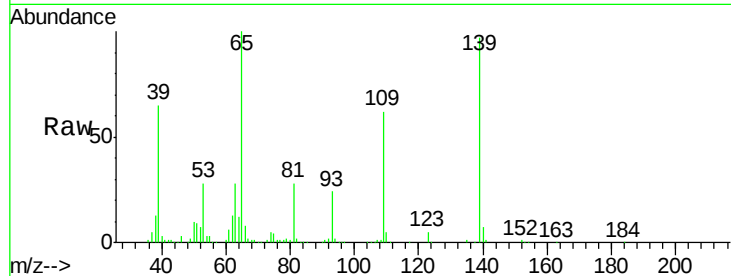
#55
4-Nitrophenol
Concen: 57.127 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	203651		
109	64.1	48.4	88.4	
65	103.4	72.6	112.6	

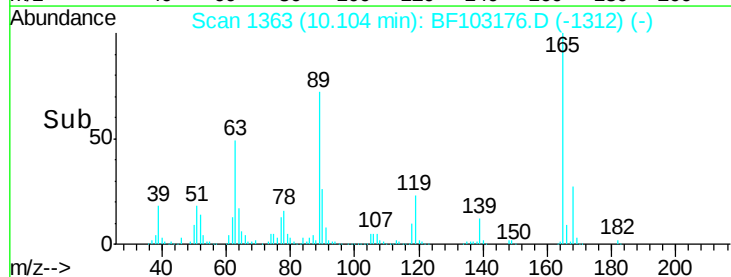
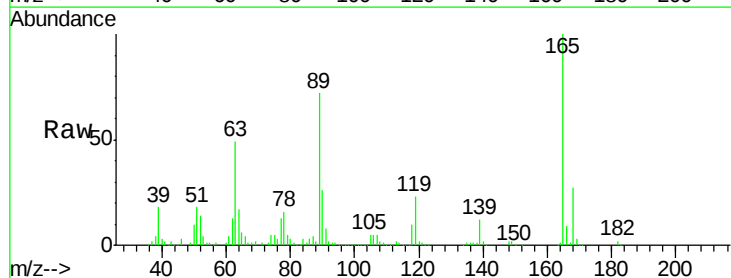
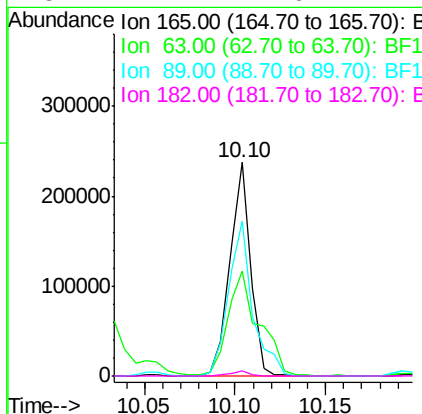
Manual Integrations
APPROVED

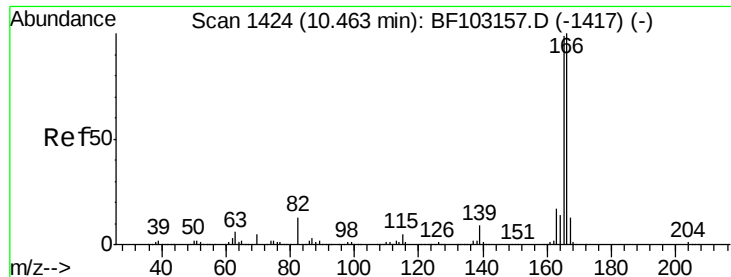
Sohil
2/23/2018 10:20:51 AM



#56
2,4-Dinitrotoluene
Concen: 33.327 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191091		
63	49.1	36.4	54.6	
89	72.3	57.8	86.6	
182	2.4	1.6	2.4	





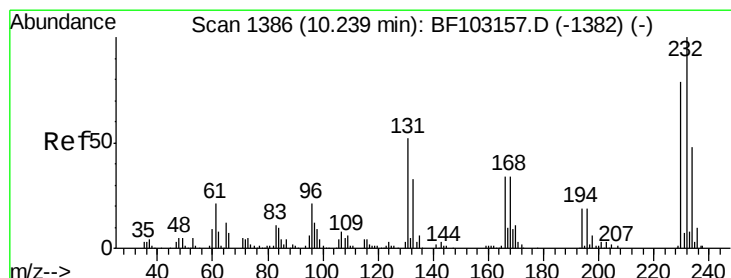
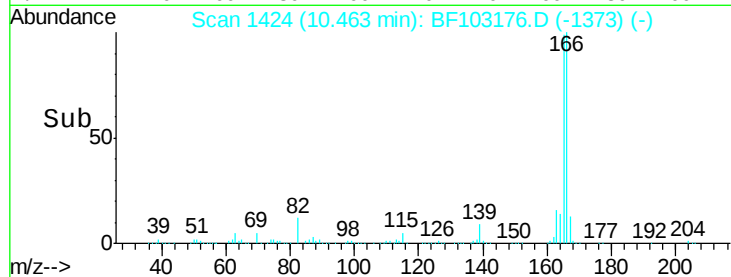
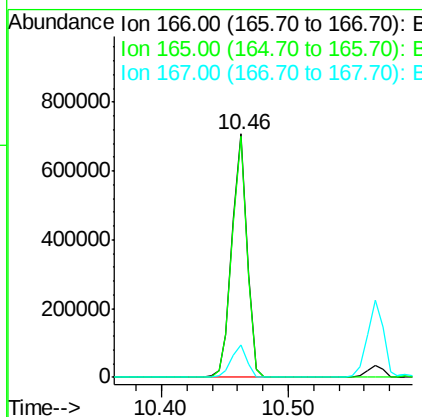
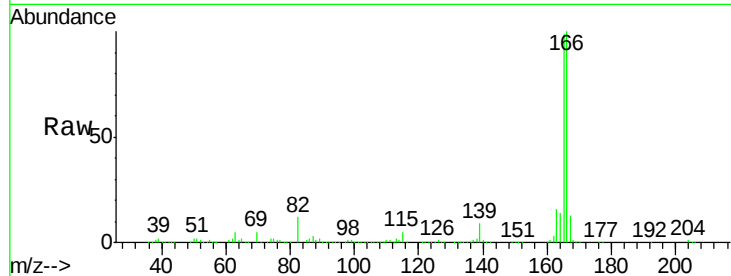
#57
 Fluorene
 Concen: 31.081 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	13.5	10.6	16.0

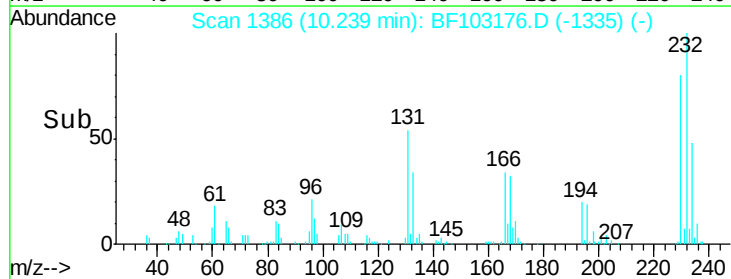
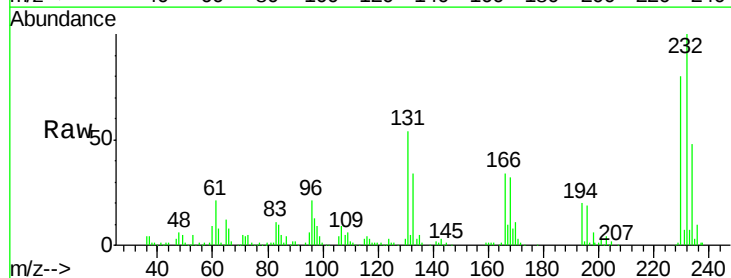
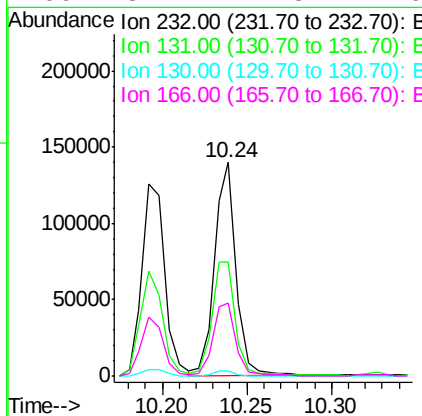
Manual Integrations
 APPROVED

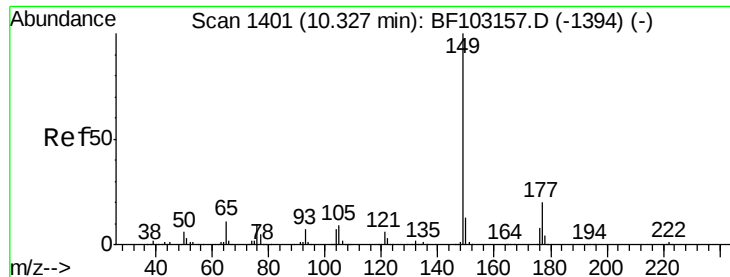
Sohil
 2/23/2018 10:20:51 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.377 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.0	43.8	65.8
130	2.6	2.1	3.1
166	37.2	27.8	41.6





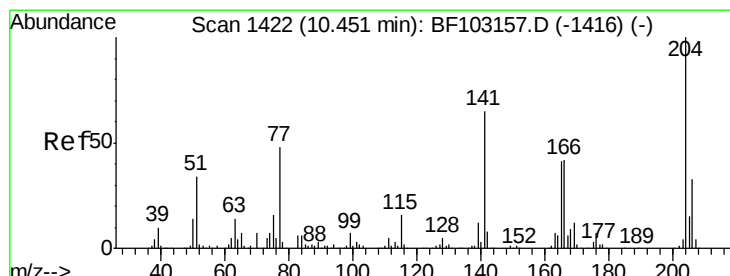
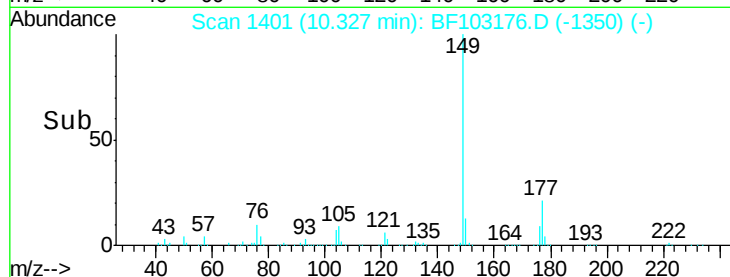
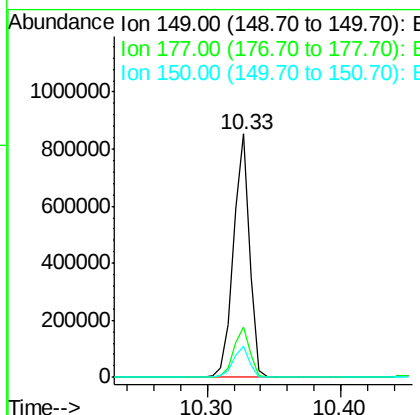
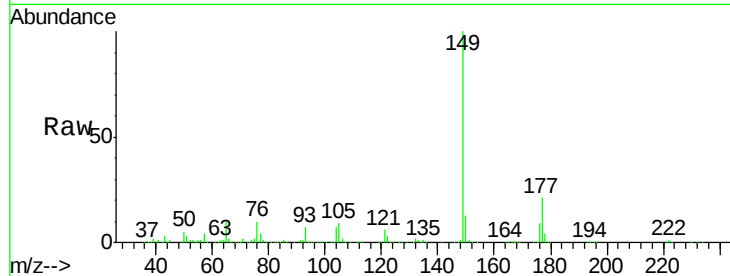
#59
Diethylphthalate
Concen: 35.128 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.6	10.1	15.1

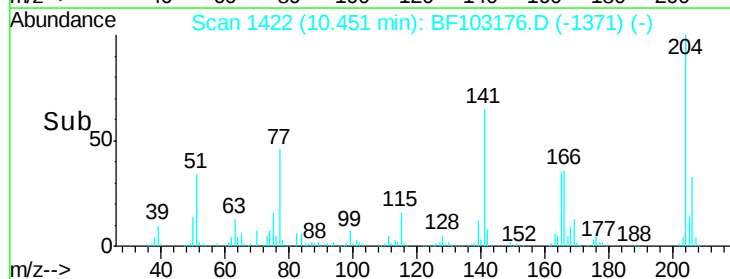
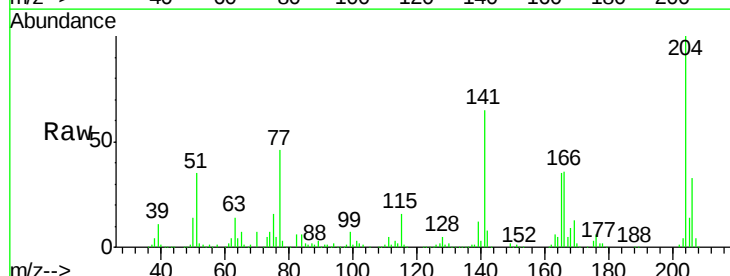
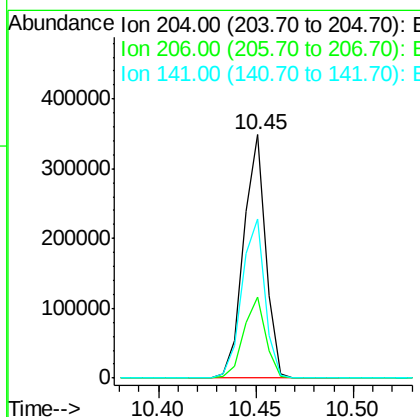
Manual Integrations
APPROVED

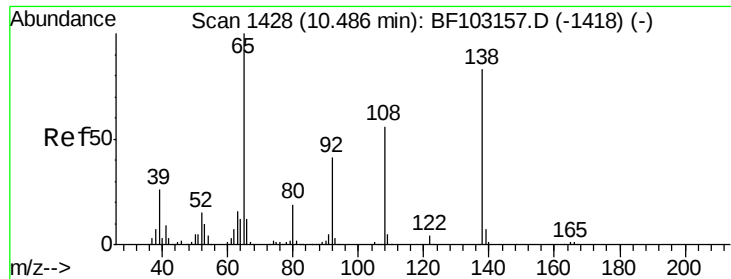
Sohil
2/23/2018 10:20:51 AM



#60
4-Chlorophenyl-phenylether
Concen: 34.373 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	65.2	54.6	81.8





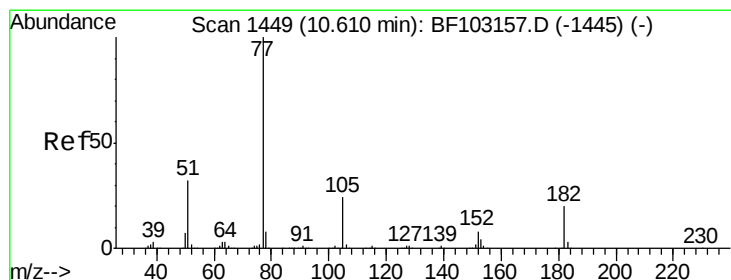
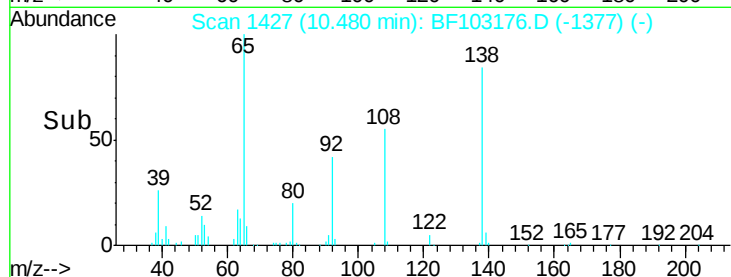
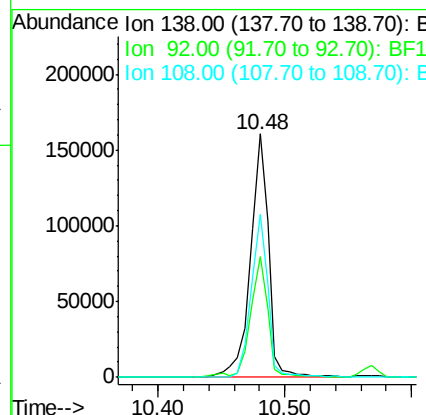
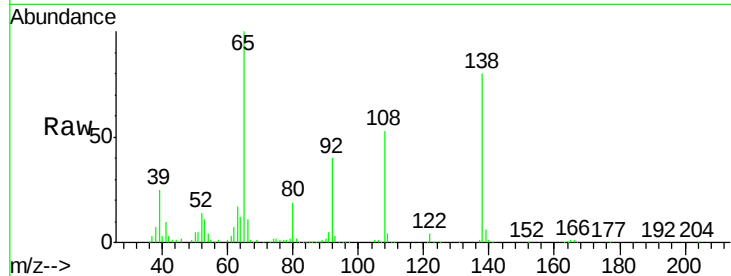
#61
4-Nitroaniline
Concen: 27.581 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.2	70.2
108	67.0	52.5	92.5

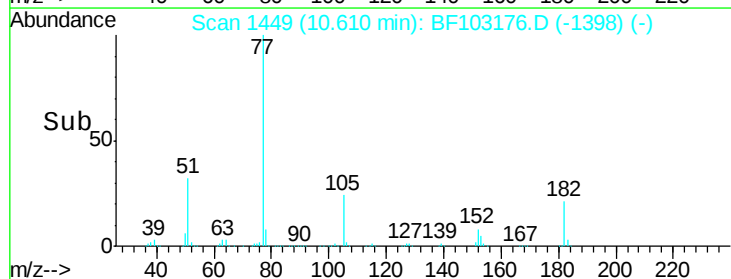
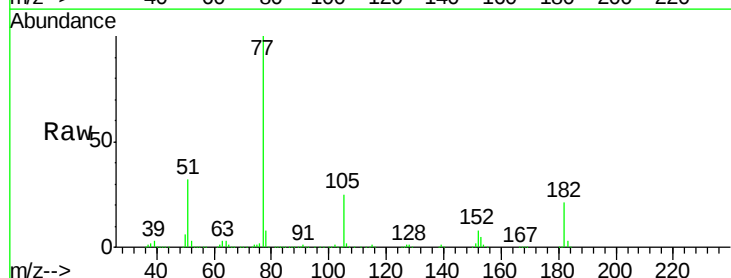
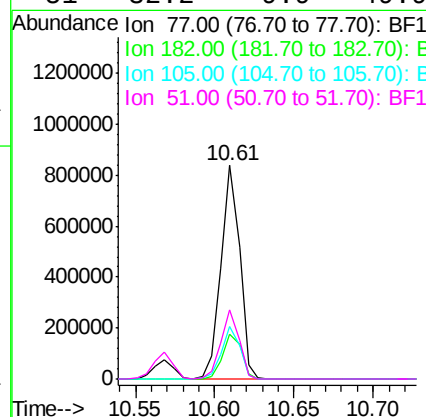
Manual Integrations
APPROVED

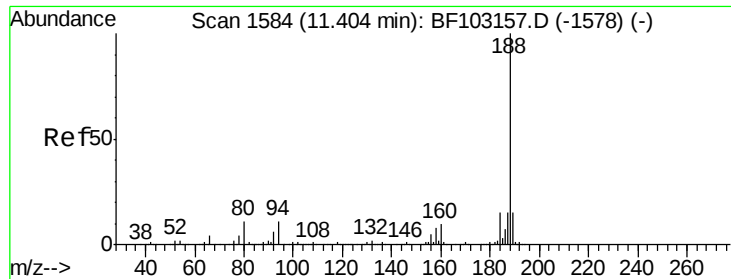
Sohil
2/23/2018 10:20:51 AM



#62
Azobenzene
Concen: 32.706 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.7	41.7
105	24.5	3.0	43.0
51	32.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

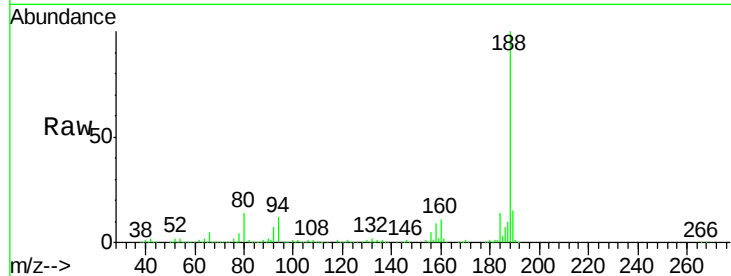
ClientSampleId :

TP-1-3FTMS

Tot Ion:	188	Resp:	351317
Ion Ratio		Lower	Upper
188	100		
94	12.3	8.5	12.7
80	13.5	9.2	13.8

Manual Integrations
APPROVED

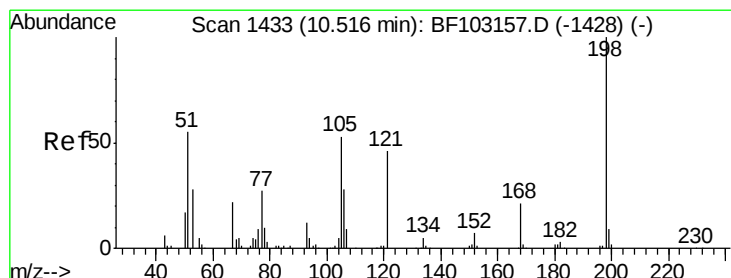
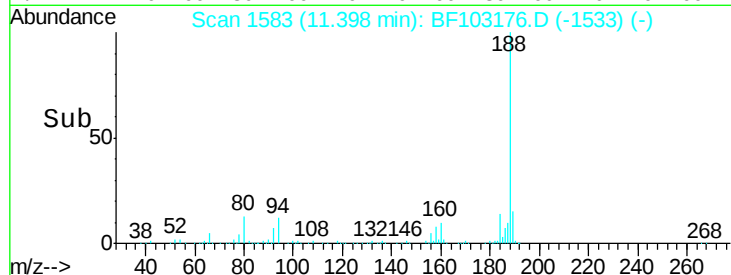
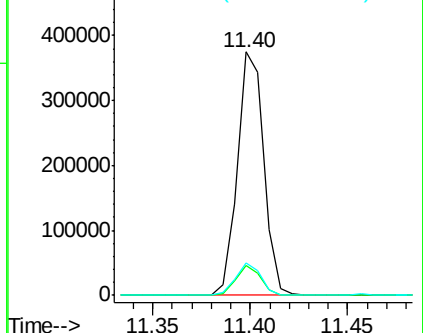
Sohil
2/23/2018 10:20:51 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 10.681 ng

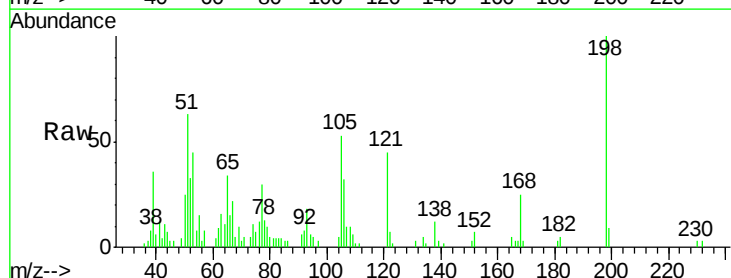
RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

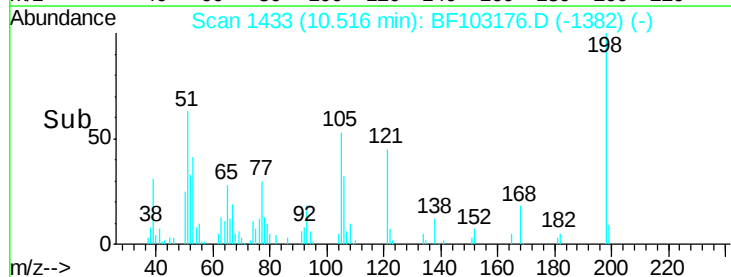
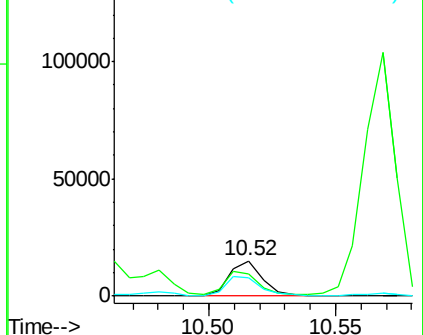
Tgt Ion:	198	Resp:	13668
Ion Ratio		Lower	Upper
198	100		
51	63.1	37.7	77.7
105	52.7	36.3	76.3

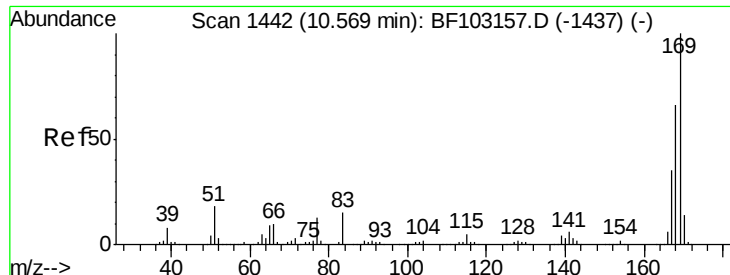


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





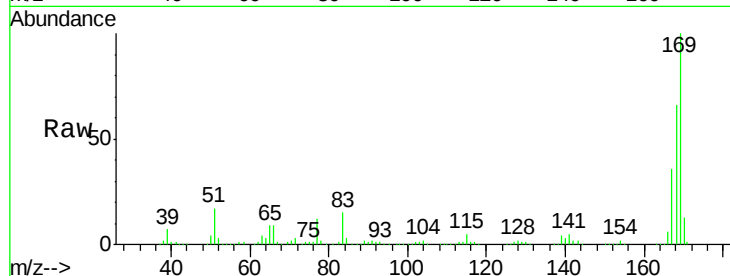
#65
n-Nitrosodiphenylamine
Concen: 43.631 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	533715		
168	66.4		54.4	81.6
167	36.5		29.8	44.6

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

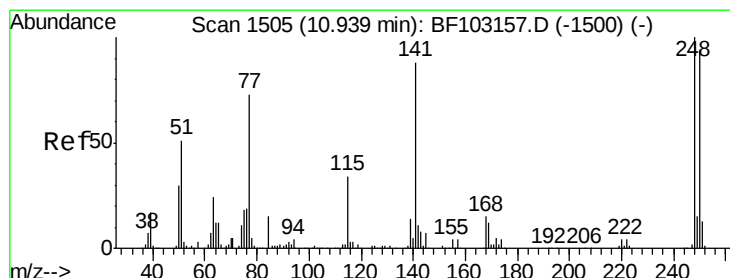
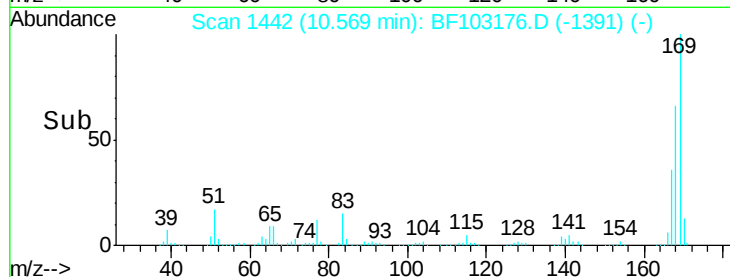
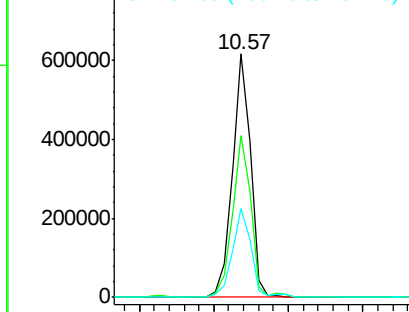


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 41.525 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

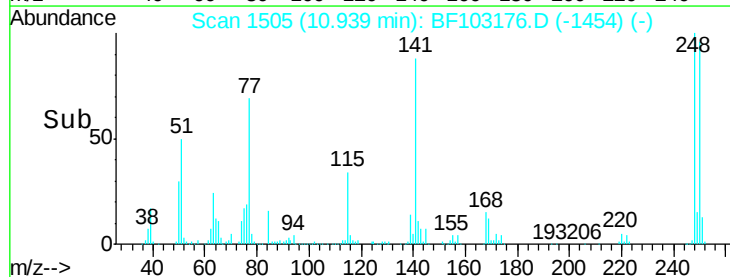
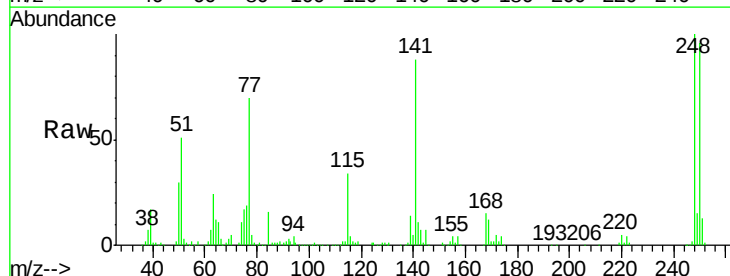
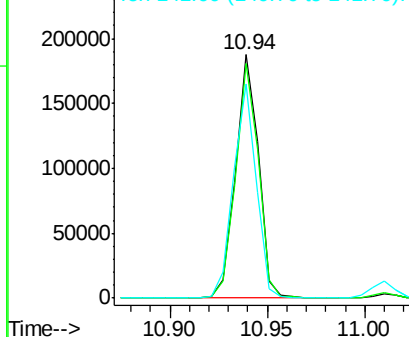
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151969		
250	96.3		76.9	115.3
141	88.0		74.4	111.6

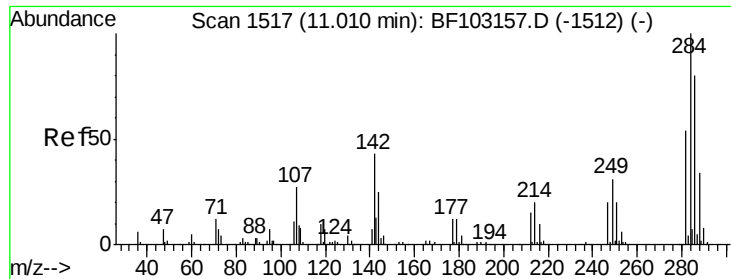
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





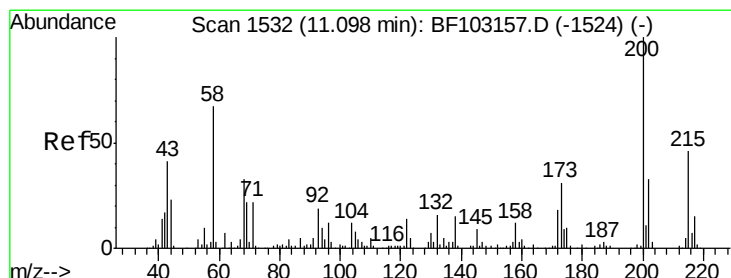
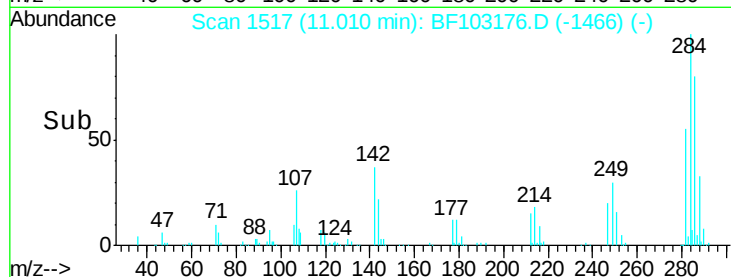
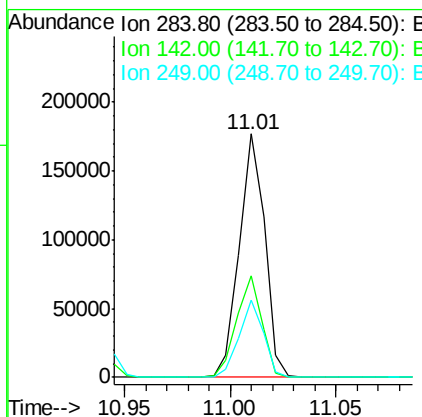
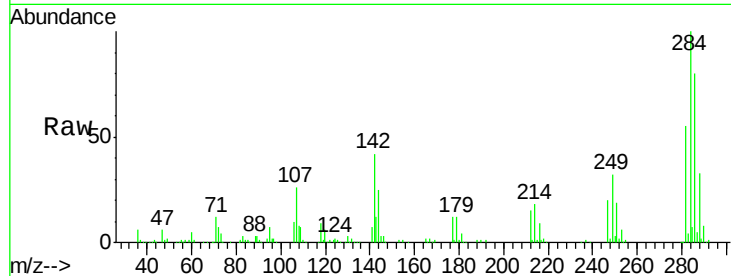
#67
Hexachlorobenzene
Concen: 37.149 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	147562		
142	41.5	34.6	52.0	
249	31.8	24.8	37.2	

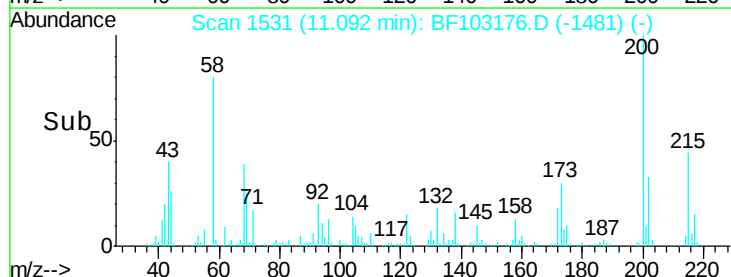
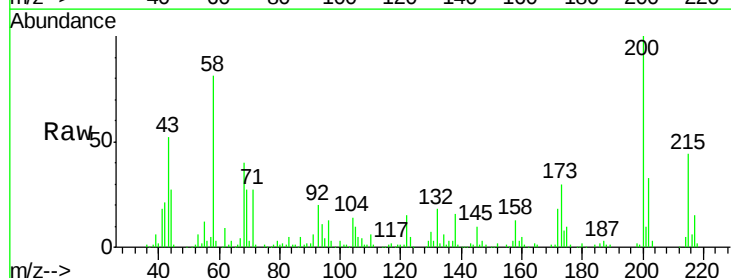
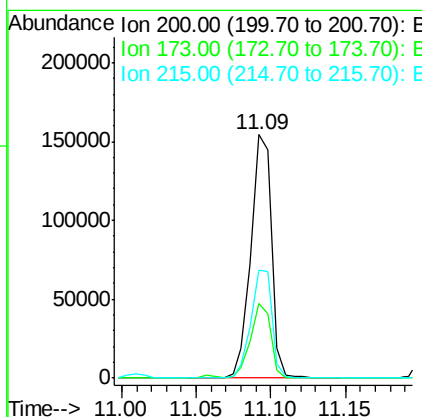
Manual Integrations
APPROVED

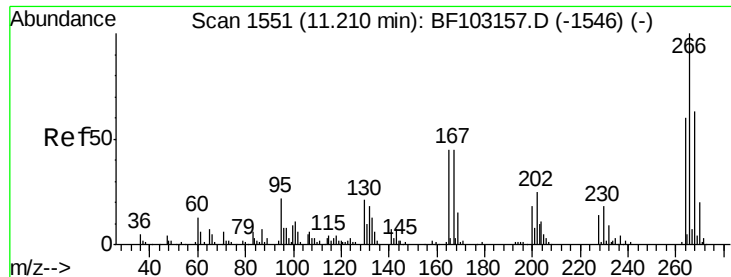
Sohil
2/23/2018 10:20:51 AM



#68
Atrazine
Concen: 40.060 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	147288		
173	30.4	8.6	48.6	
215	44.2	25.1	65.1	





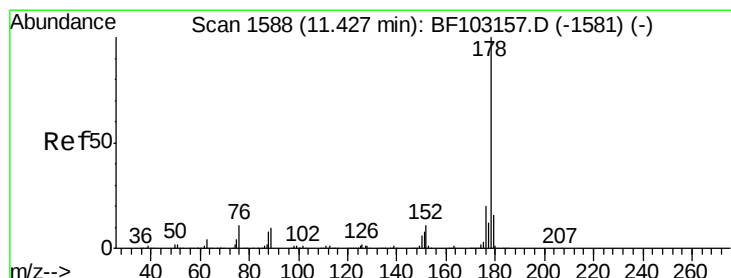
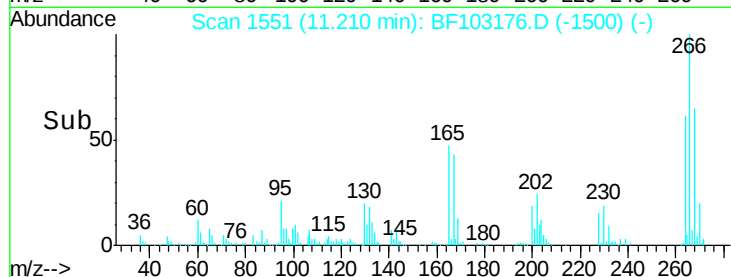
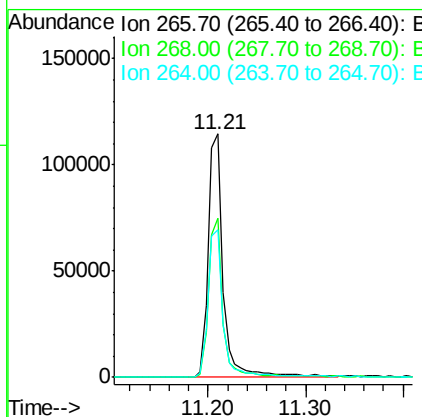
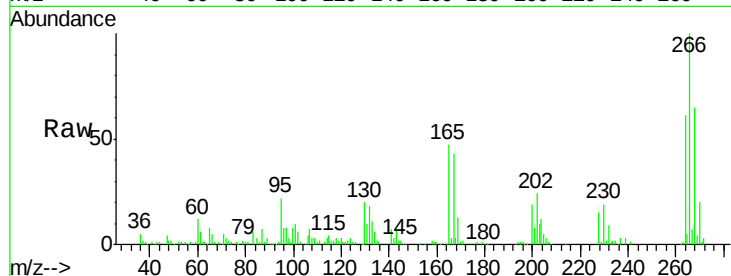
#69
 Pentachlorophenol
 Concen: 63.926 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	60.7	49.5	74.3

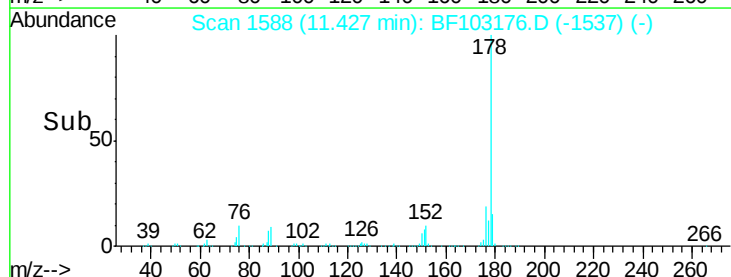
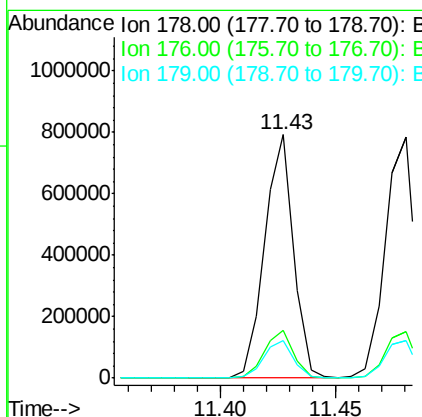
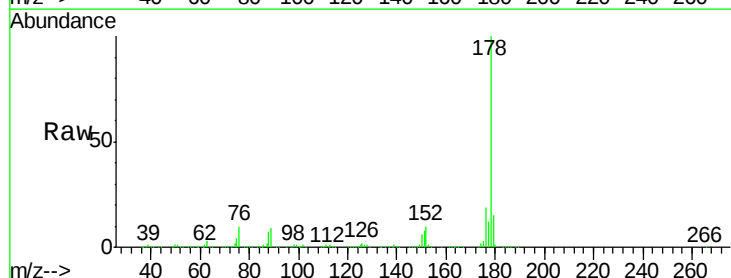
Manual Integrations
 APPROVED

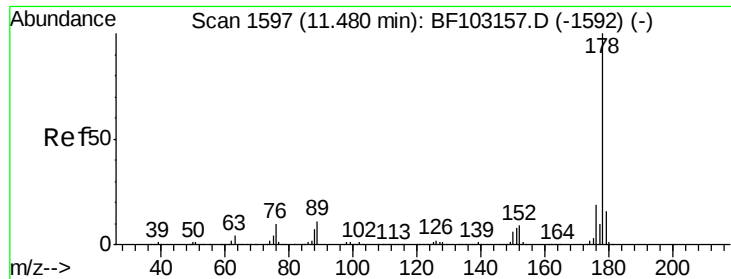
Sohil
 2/23/2018 10:20:51 AM



#70
 Phenanthrene
 Concen: 35.727 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6





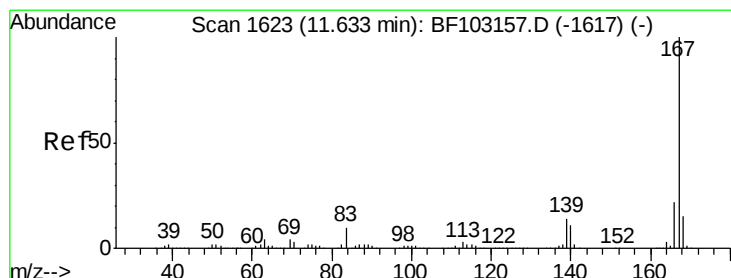
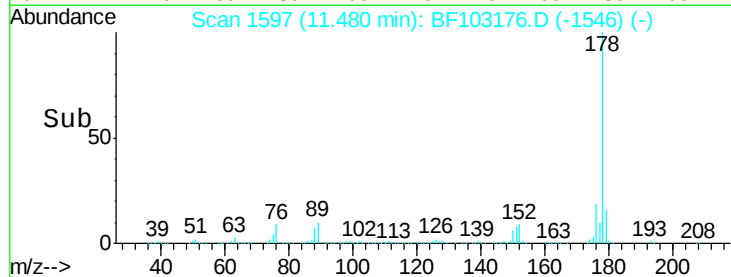
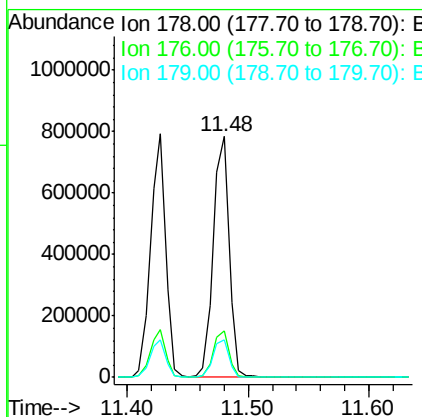
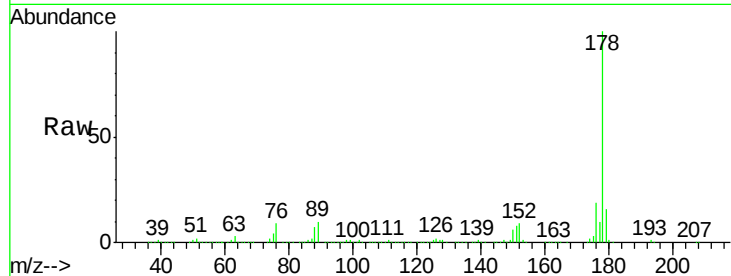
#71
 Anthracene
 Concen: 35.714 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.6	19.0

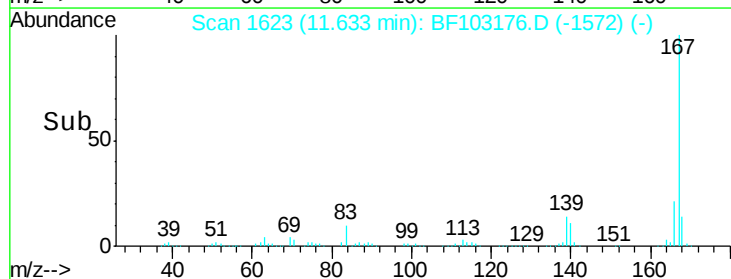
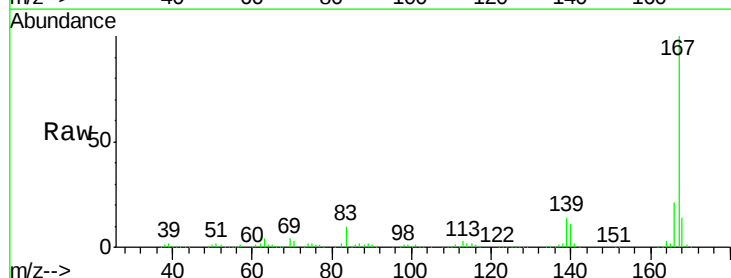
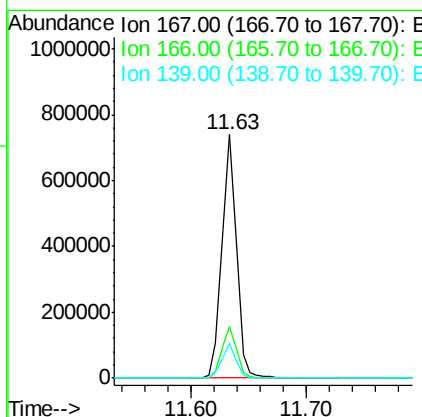
Manual Integrations
 APPROVED

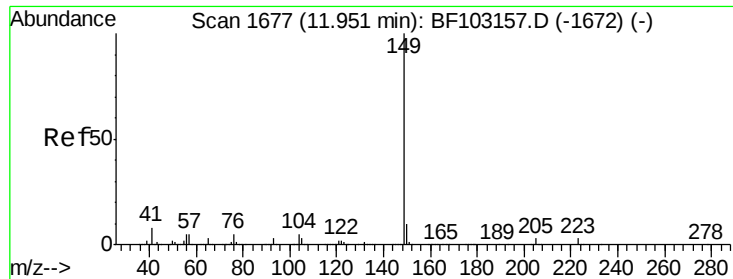
Sohil
 2/23/2018 10:20:51 AM



#72
 Carbazole
 Concen: 33.411 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	14.2	10.9	16.3





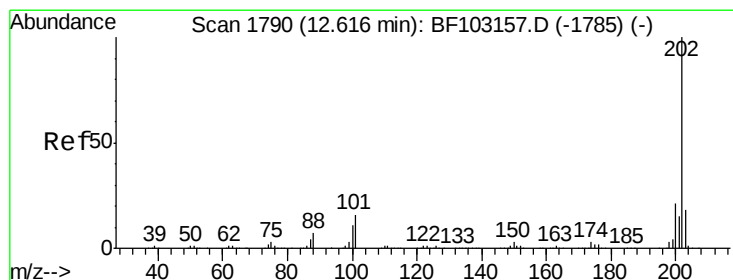
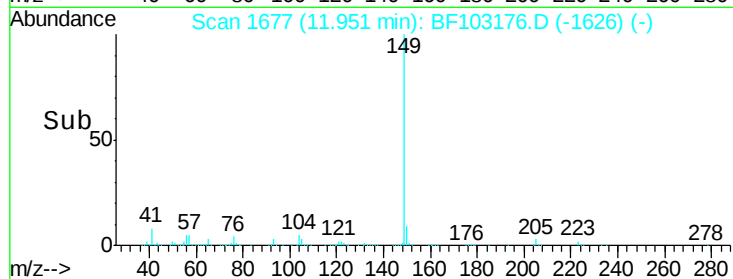
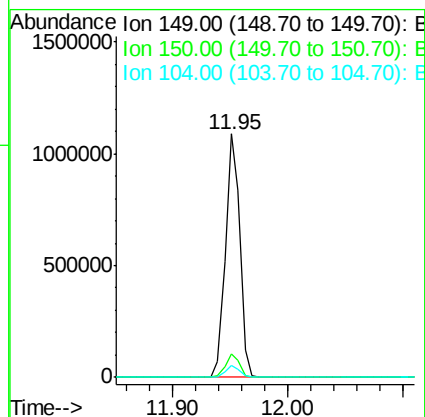
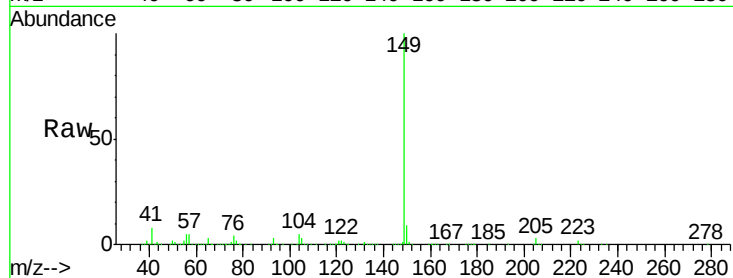
#73
Di-n-butylphthalate
Concen: 37.925 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.5	7.8	11.6	
104	4.8	3.8	5.8	

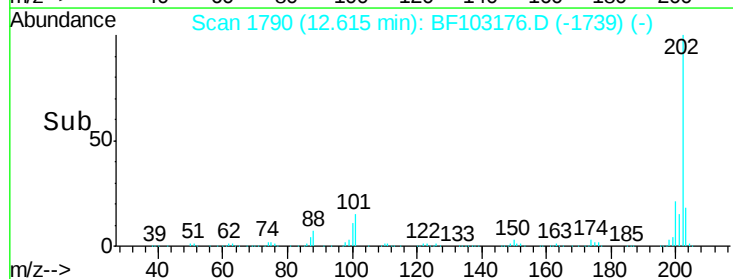
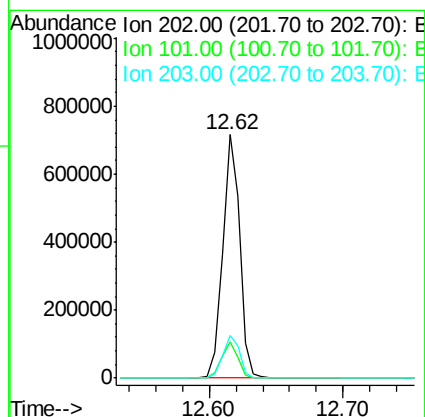
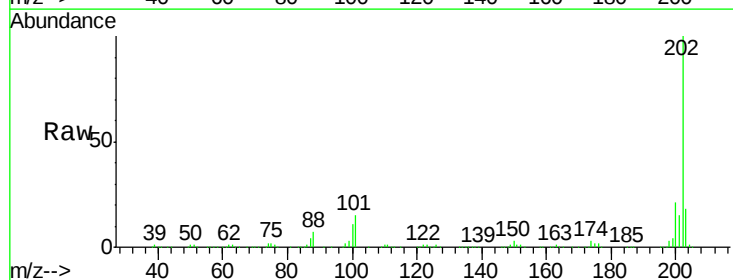
Manual Integrations
APPROVED

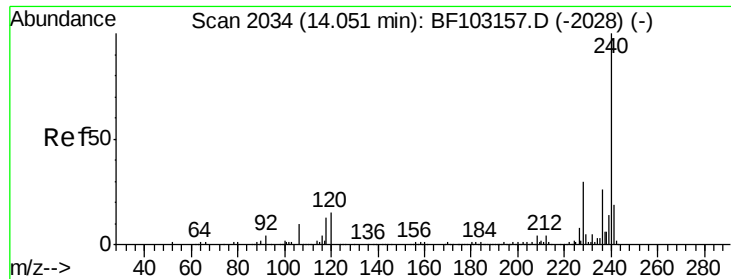
Sohil
2/23/2018 10:20:51 AM



#74
Fluoranthene
Concen: 32.960 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.0	0.0	34.1	
203	17.5	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

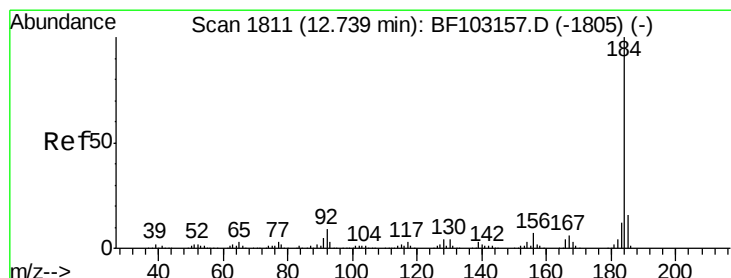
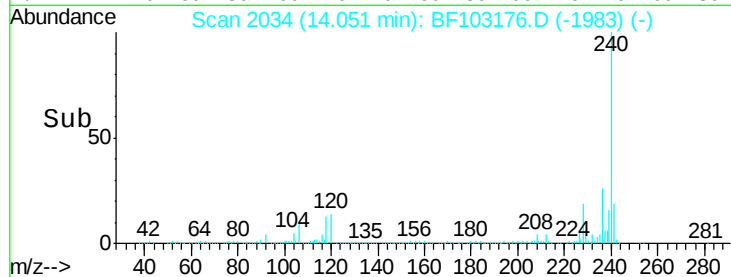
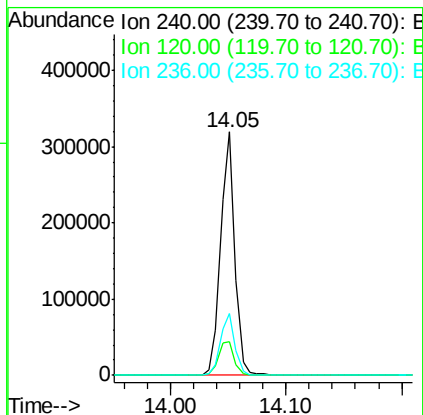
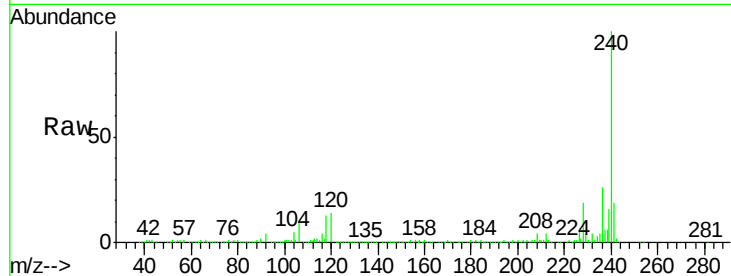
ClientSampleId :

TP-1-3FTMS

Tot Ion:	240	Resp:	272145
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#76

Benzidine

Concen: 33.582 ng

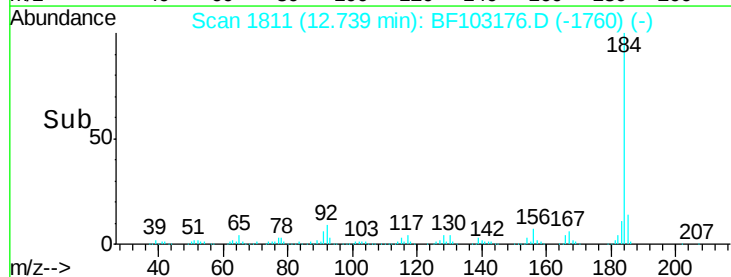
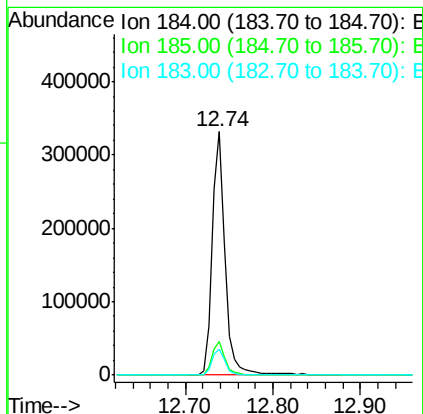
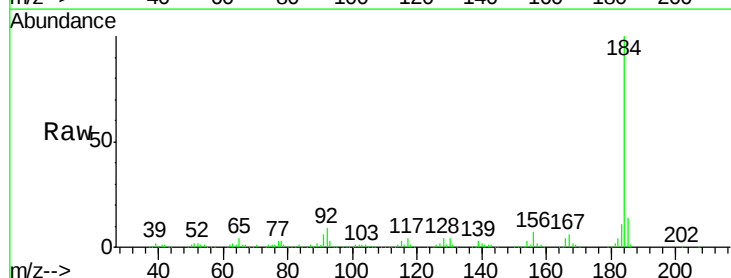
RT: 12.74 min Scan# 1811

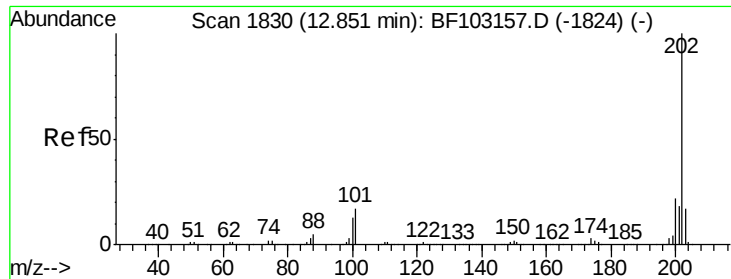
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	184	Resp:	341669
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	10.8	9.3	13.9





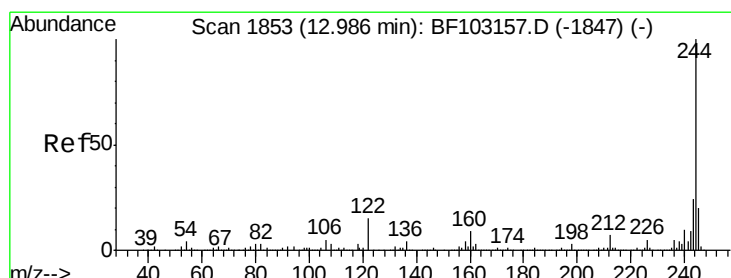
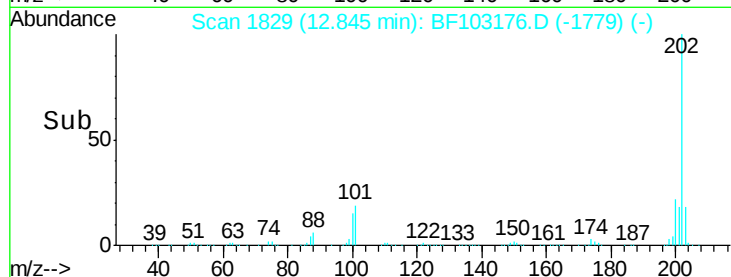
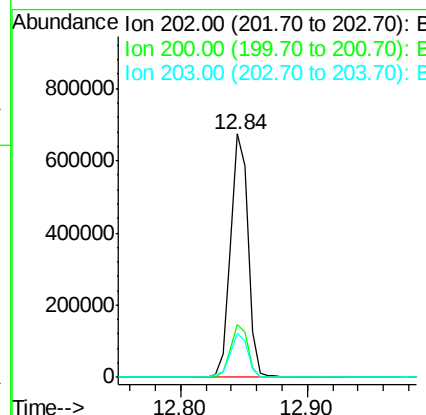
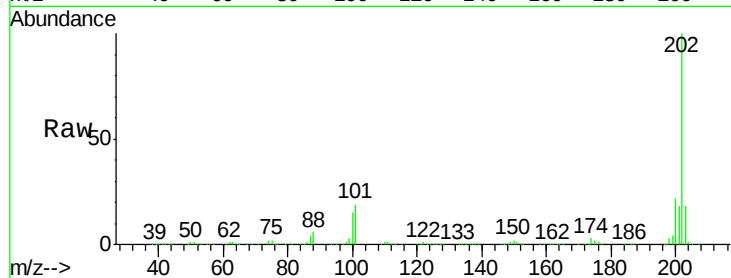
#77
Pvrene
Concen: 30.256 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.3	21.5

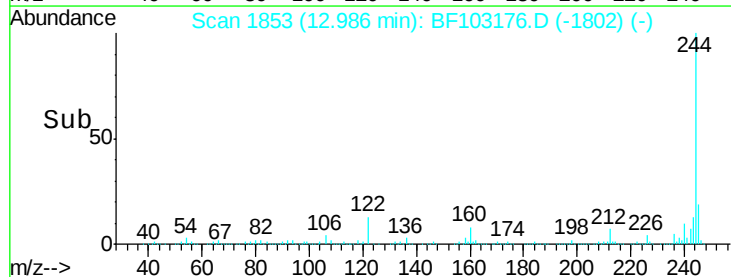
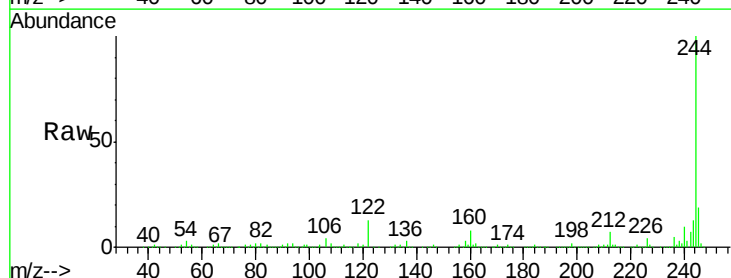
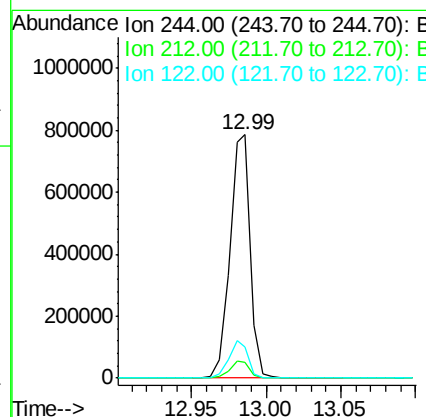
Manual Integrations
APPROVED

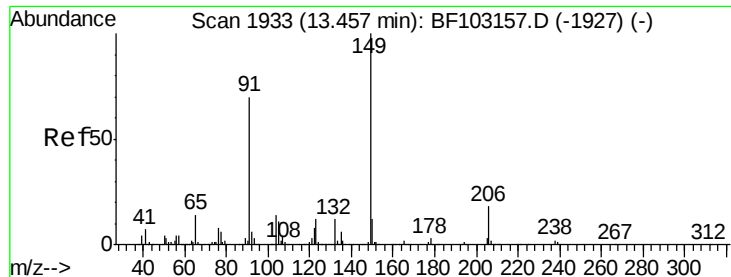
Sohil
2/23/2018 10:20:51 AM



#78
Terphenyl-d14
Concen: 66.803 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.0	11.0	16.4





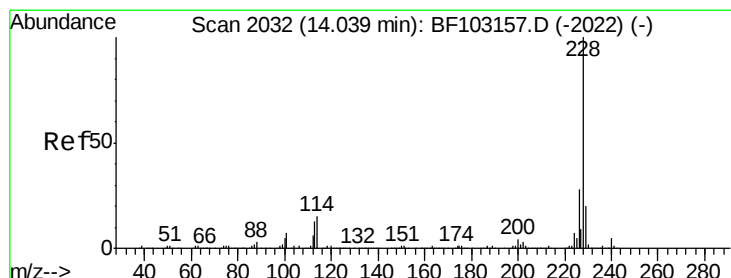
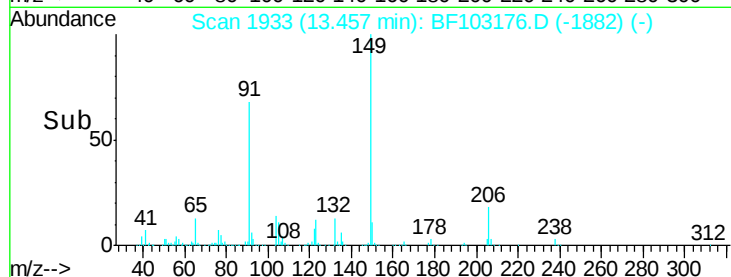
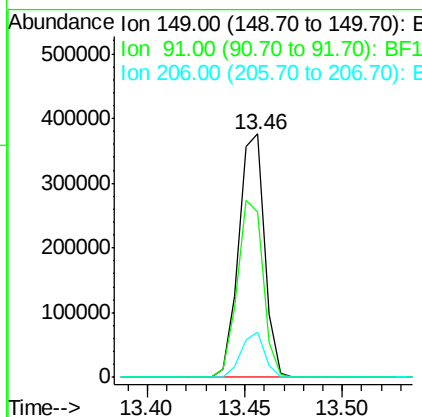
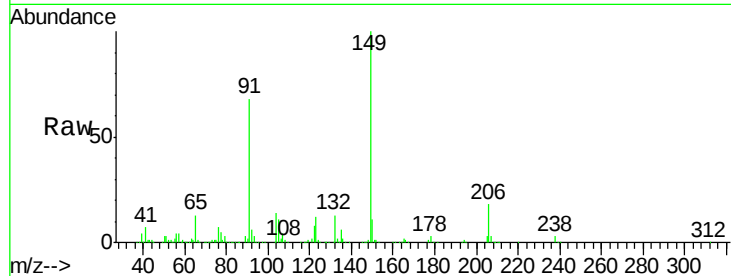
#79
Butylbenzylphthalate
Concen: 30.798 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TP-1-3FTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	345252		
91	67.9	56.8	85.2	
206	18.3	14.1	21.1	

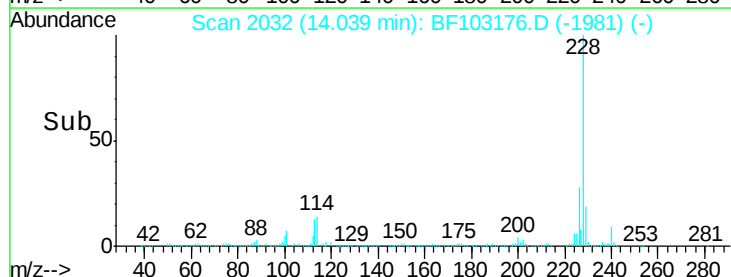
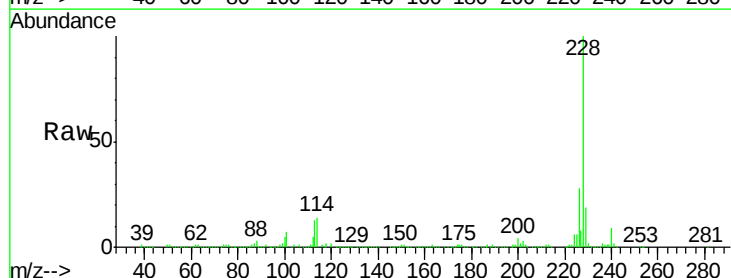
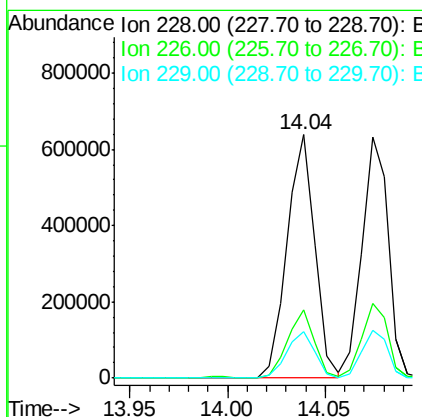
Manual Integrations
APPROVED

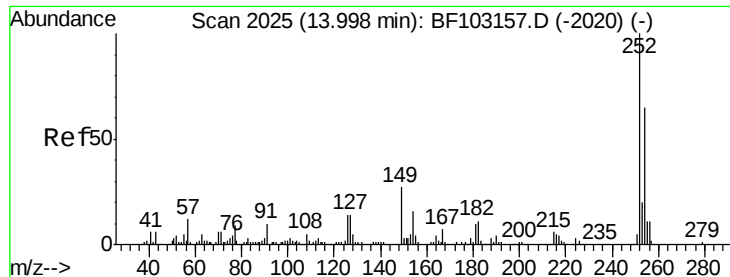
Sohil
2/23/2018 10:20:51 AM



#80
Benzo(a)anthracene
Concen: 35.499 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103176.D
Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	626830		
226	28.0	22.6	33.8	
229	19.0	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 36.630 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

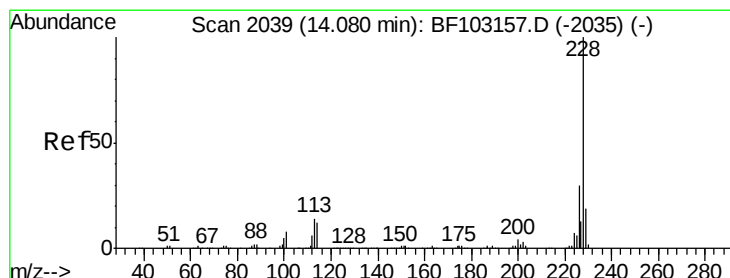
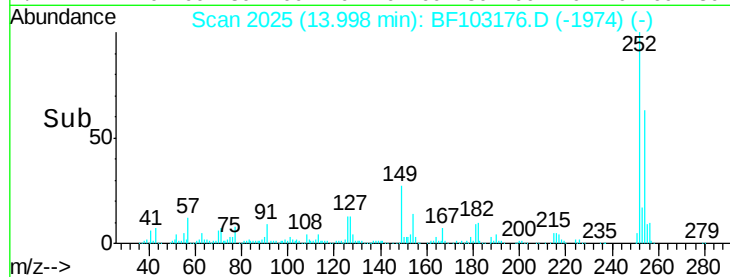
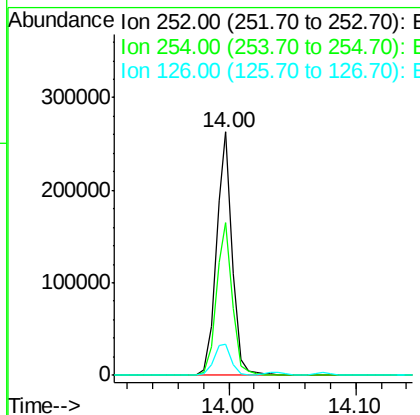
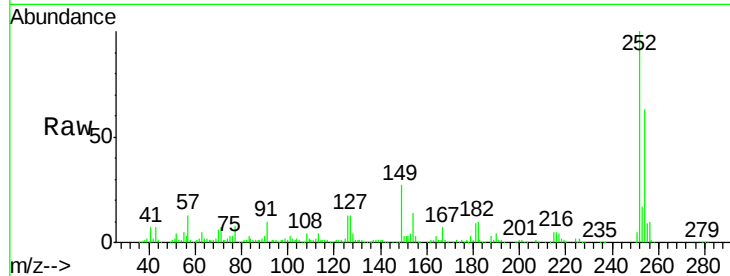
ClientSampleId :

TP-1-3FTMS

Tot Ion:	252	Resp:	230830
Ion Ratio		Lower	Upper
252	100		
254	62.9	50.4	75.6
126	13.0	11.3	16.9

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#82

Chrysene

Concen: 34.775 ng

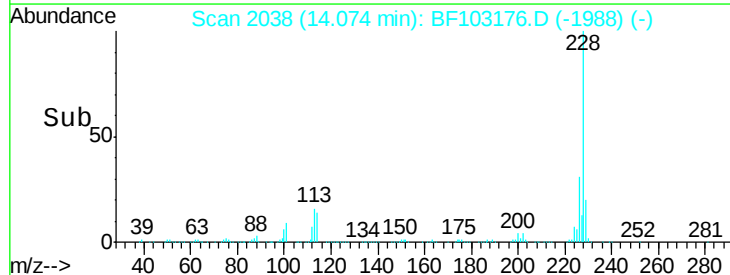
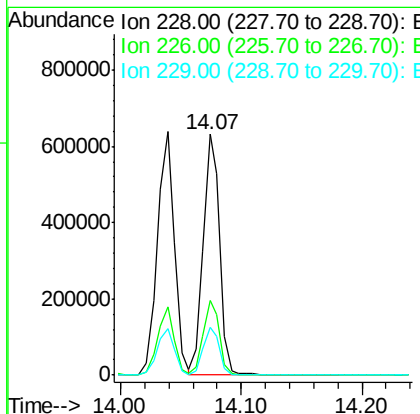
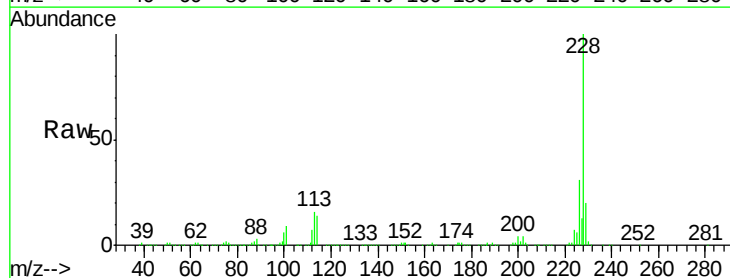
RT: 14.07 min Scan# 2038

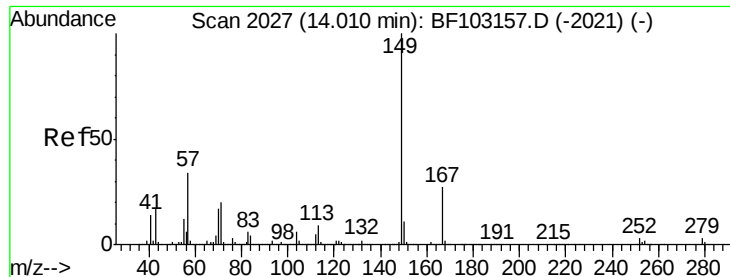
Delta R.T. -0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	228	Resp:	596226
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.849 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

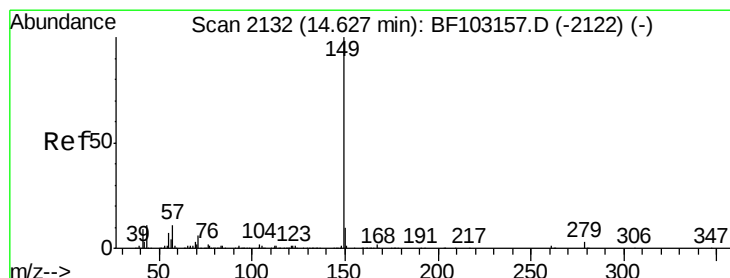
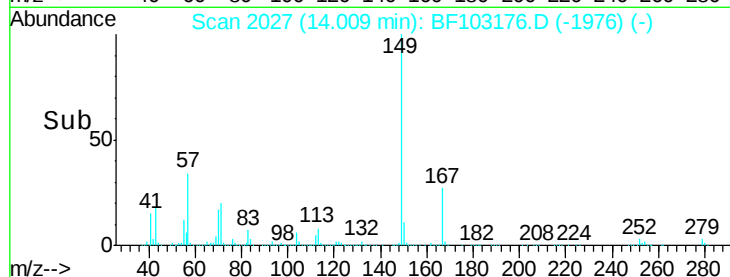
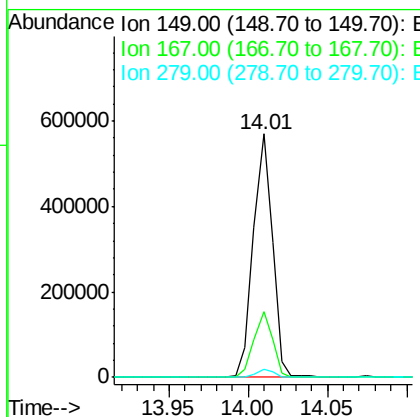
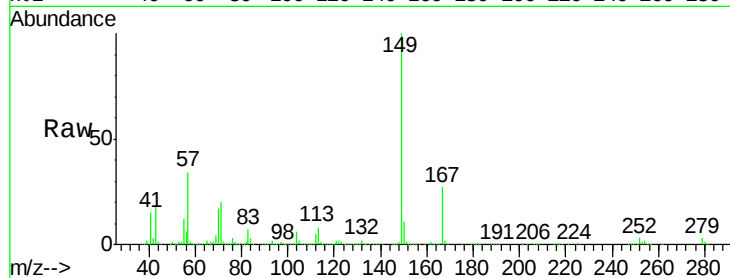
ClientSampleId :

TP-1-3FTMS

Tot Ion:	149	Resp:	481812
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.3	31.9
279	3.1	3.0	4.4

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#84

Di-n-octyl phthalate

Concen: 37.120 ng

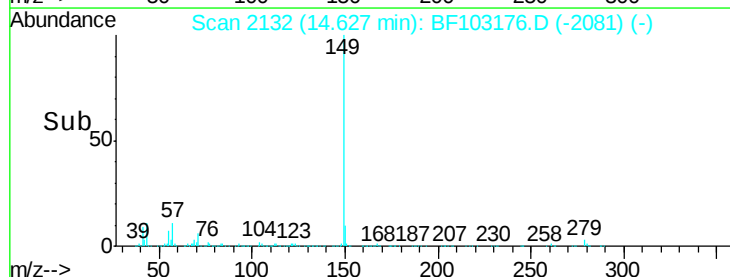
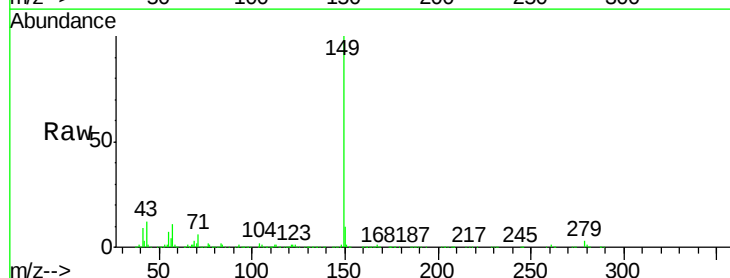
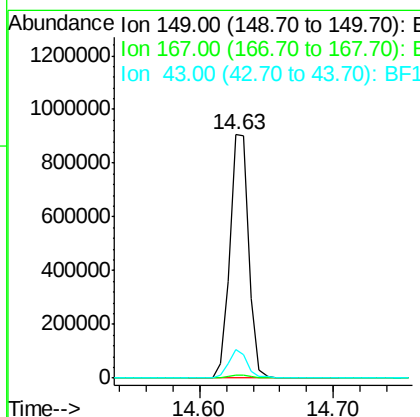
RT: 14.63 min Scan# 2132

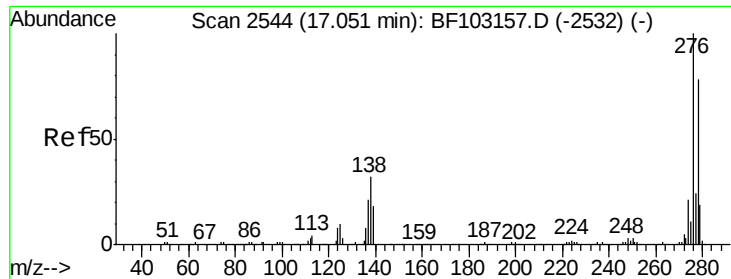
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	149	Resp:	907297
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.975 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

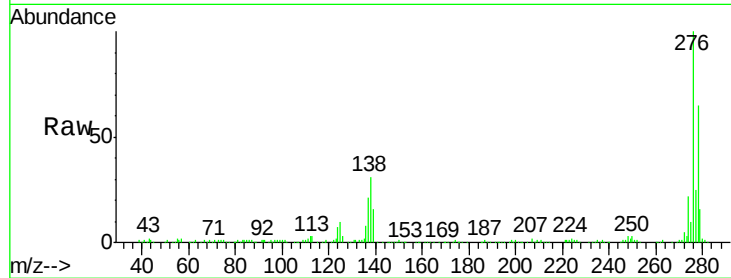
ClientSampleId :

TP-1-3FTMS

Tot Ion:	276	Resp:	474737
Ion Ratio	Lower	Upper	
276	100		
138	32.5	25.0	37.6
277	24.8	20.1	30.1

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM

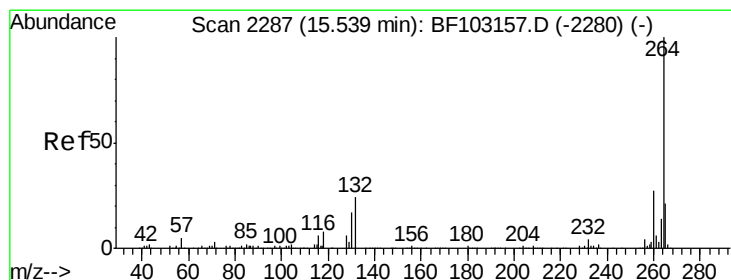
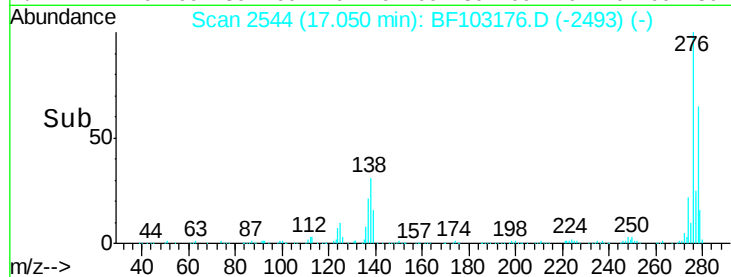
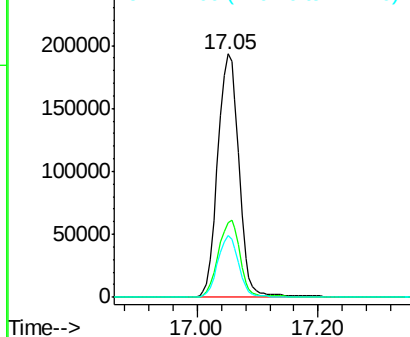


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

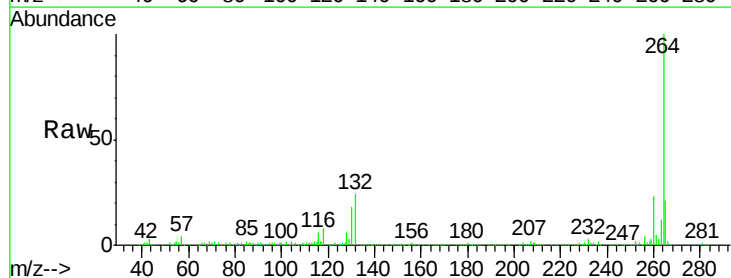
RT: 15.54 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	264	Resp:	259870
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3

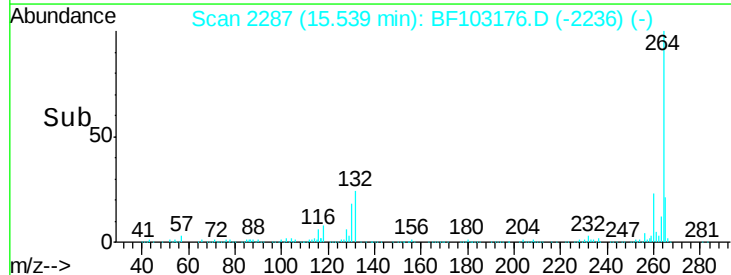
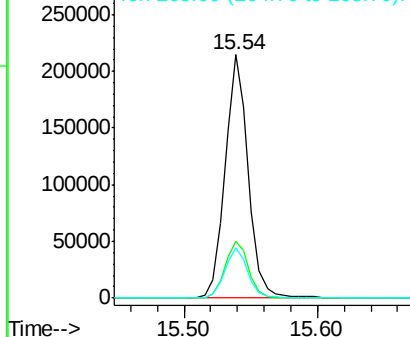


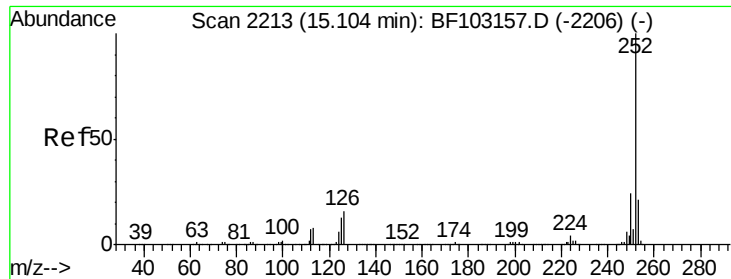
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.398 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

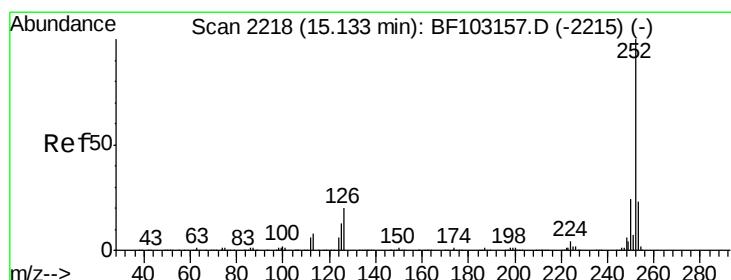
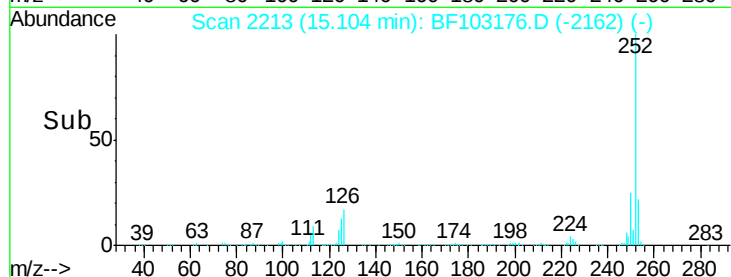
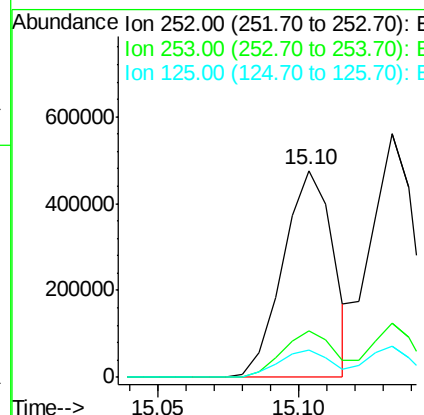
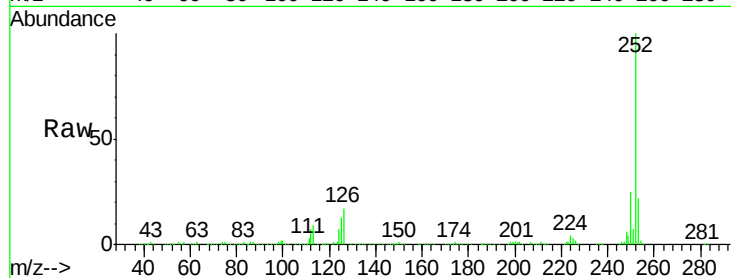
ClientSampleId :

TP-1-3FTMS

Tot Ion:	252	Resp:	587731
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	13.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



#88

Benzo(k)fluoranthene

Concen: 38.111 ng

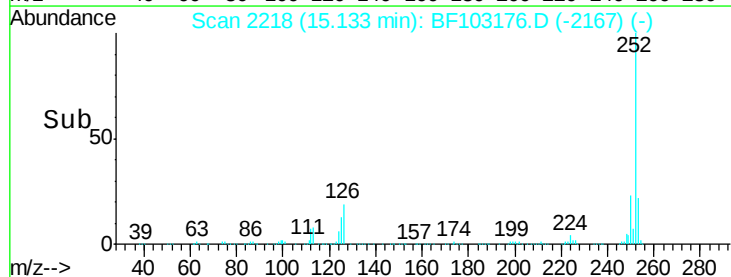
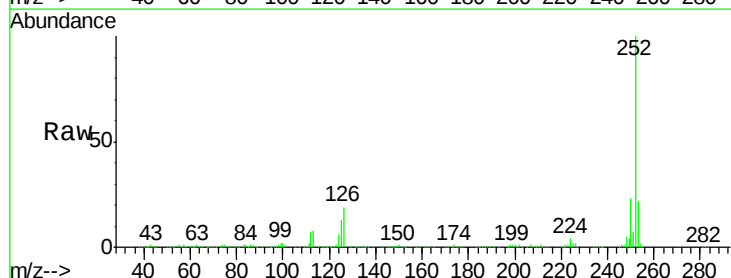
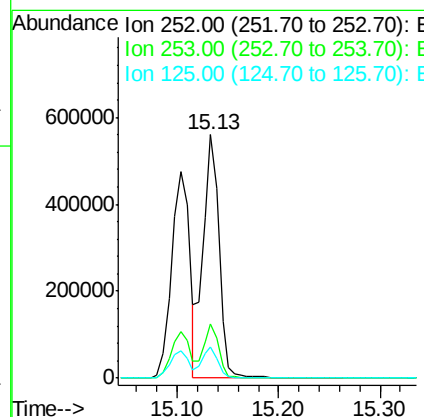
RT: 15.13 min Scan# 2218

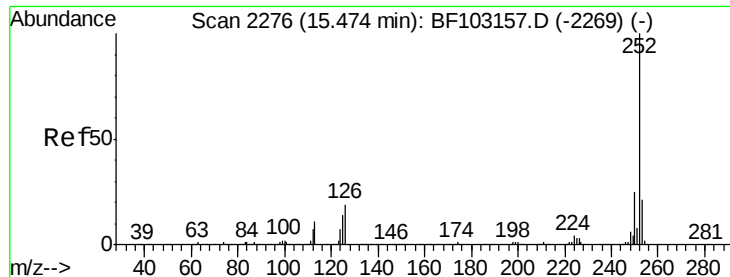
Delta R.T. -0.00 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion:	252	Resp:	613190
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	12.7	10.2	15.2





#89

Benzo(a)pyrene

Concen: 36.406 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Instrument :

BNA_F

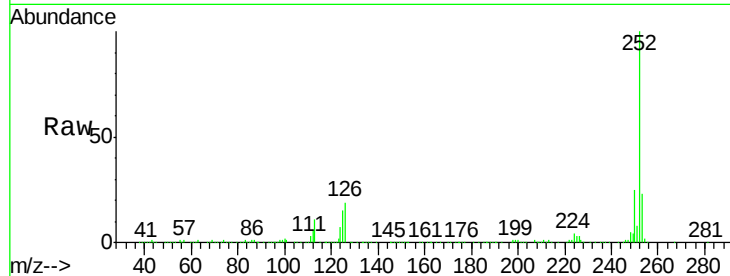
ClientSampleId :

TP-1-3FTMS

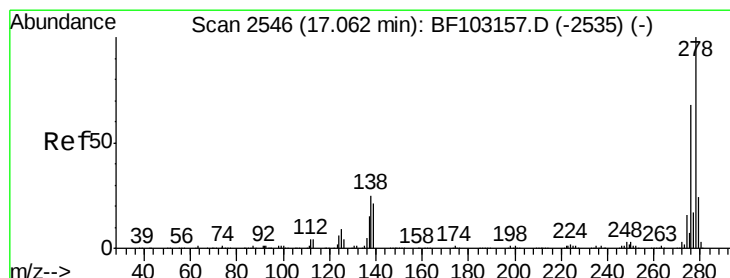
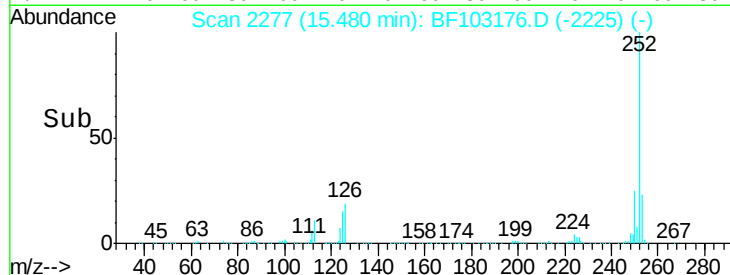
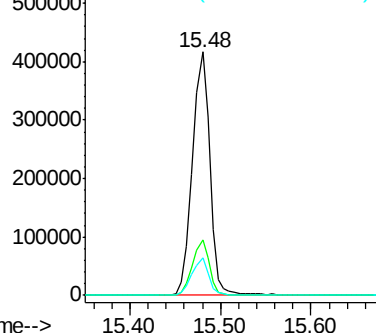
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	15.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
2/23/2018 10:20:51 AM



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



#90

Dibenzo(a,h)anthracene

Concen: 33.954 ng

RT: 17.06 min Scan# 2546

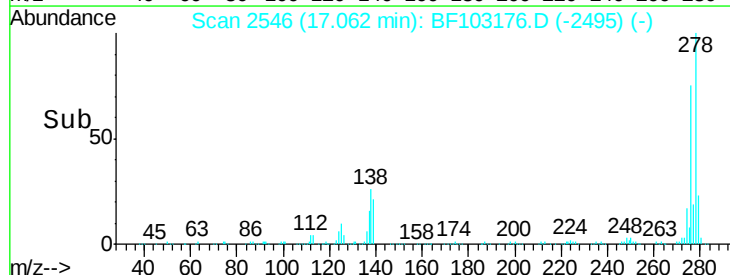
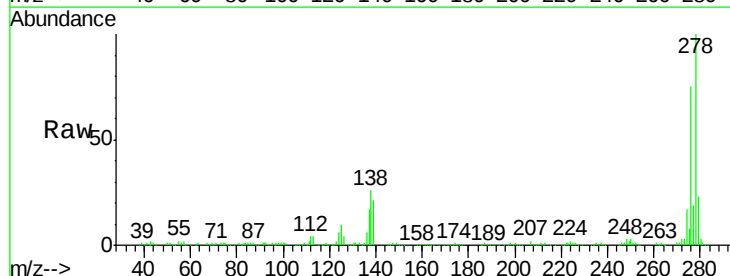
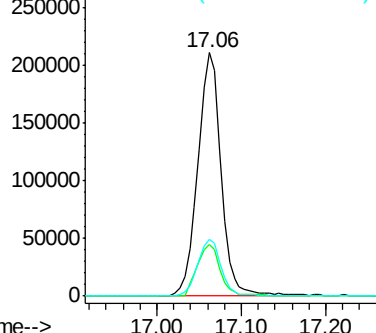
Delta R.T. -0.00 min

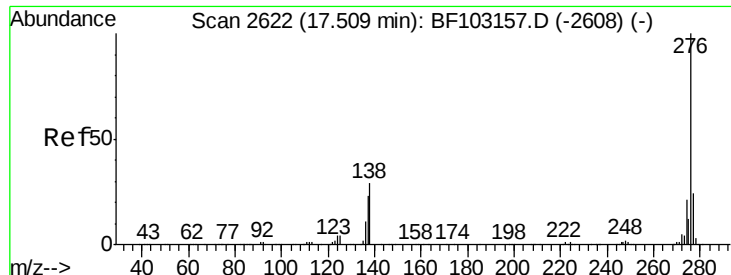
Lab File: BF103176.D

Acq: 22 Feb 2018 21:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.4	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 32.186 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF103176.D
 Acq: 22 Feb 2018 21:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-3FTMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	30.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/23/2018 10:20:51 AM

