

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106631.D
 Acq On : 20 Jun 2018 20:34
 Operator : JU/SJ
 Sample : J3529-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM

Quant Time: Jun 21 03:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	102057	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431881	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	216109	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	407838	20.00	ng	0.00
75) Chrysene-d12	14.15	240	272246	20.00	ng	0.00
86) Perylene-d12	15.68	264	281067	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	399142	66.23	ng	0.01
7) Phenol-d6	6.62	99	326248	43.35	ng	0.01
23) Nitrobenzene-d5	7.53	82	653514	84.09	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	334647	133.60	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1087039	85.17	ng	0.00
78) Terphenyl-d14	13.08	244	1168444	103.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	50891	16.424	ng	97
3) Pyridine	3.65	79	138245	16.451	ng	97
4) n-Nitrosodimethylamine	3.57	42	64688	18.124	ng	83
6) Aniline	6.63	93	262043	25.666	ng	# 1
8) 2-Chlorophenol	6.76	128	242402	36.669	ng	98
9) Benzaldehyde	6.51	77	115951	19.725	ng	98
10) Phenol	6.63	94	661520	77.014	ng	88
11) bis(2-Chloroethyl)ether	6.70	93	319513	45.058	ng	98
12) 1,3-Dichlorobenzene	6.90	146	312825	40.404	ng	98
13) 1,4-Dichlorobenzene	6.98	146	311189	39.755	ng	99
14) 1,2-Dichlorobenzene	7.14	146	292386	40.758	ng	97
15) Benzyl Alcohol	7.11	79	168976	27.960	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	428915	46.100	ng	# 42
17) 2-Methylphenol	7.24	107	187813	33.199	ng	# 85
18) Hexachloroethane	7.47	117	110565	40.167	ng	# 88
19) n-Nitroso-di-n-propylamine	7.38	70	210092	42.346	ng	94
20) 3+4-Methylphenols	7.38	107	279576	46.095	ng	95
22) Acetophenone	7.37	105	411433	42.581	ng	99
24) Nitrobenzene	7.55	77	329565	41.537	ng	98
25) Isophorone	7.79	82	619201	45.216	ng	98
26) 2-Nitrophenol	7.86	139	165975	44.313	ng	96
27) 2,4-Dimethylphenol	7.91	122	261815	45.224	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	378266	41.140	ng	# 66
29) 2,4-Dichlorophenol	8.12	162	256698	42.353	ng	90
30) 1,2,4-Trichlorobenzene	8.18	180	286150	42.857	ng	99
31) Naphthalene	8.27	128	766663	37.969	ng	99
32) Benzoic acid	8.10	122	284365m	65.197	ng	
33) 4-Chloroaniline	8.32	127	185362	21.878	ng	99
34) Hexachlorobutadiene	8.38	225	184163	42.330	ng	99
35) Caprolactam	8.72	113	1913	0.968	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	269935	42.312	ng	98
37) 2-Methylnaphthalene	8.96	142	618661	46.225	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	320746	44.071	ng	97
40) Hexachlorocyclopentadiene	9.11	237	289725	77.375	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106631.D
 Acq On : 20 Jun 2018 20:34
 Operator : JU/SJ
 Sample : J3529-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

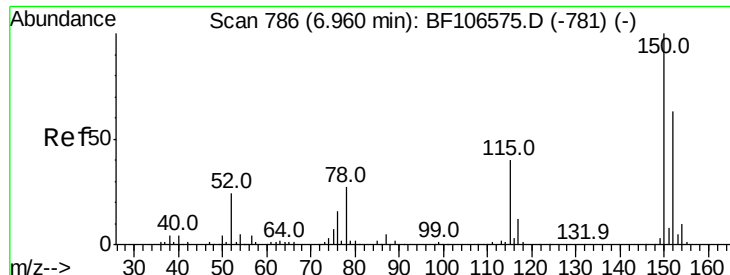
Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM

Quant Time: Jun 21 03:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	203297	42.023	nq	92
43) 2,4,5-Trichlorophenol	9.30	196	211026	41.804	nq	88
45) 1,1'-Biphenyl	9.42	154	731513	42.473	nq	98
46) 2-Chloronaphthalene	9.45	162	550241	40.588	nq	96
47) 2-Nitroaniline	9.56	65	185995	40.800	nq	99
48) Acenaphthylene	9.87	152	855892	39.988	nq	97
49) Dimethylphthalate	9.73	163	752389	46.420	nq	97
50) 2,6-Dinitrotoluene	9.80	165	161300	46.996	nq	94
51) Acenaphthene	10.04	154	531487	39.434	nq	98
52) 3-Nitroaniline	9.97	138	86426	21.883	nq	98
53) 2,4-Dinitrophenol	10.08	184	166917	92.632	nq #	19
54) Dibenzofuran	10.22	168	809108	43.841	nq	96
55) 4-Nitrophenol	10.17	139	76638	27.799	nq	91
56) 2,4-Dinitrotoluene	10.20	165	207219	46.255	nq #	91
57) Fluorene	10.56	166	633946	43.287	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202847	50.551	nq #	78
59) Diethylphthalate	10.42	149	635707	40.636	nq #	93
60) 4-Chlorophenyl-phenylether	10.55	204	331386	43.246	nq #	85
61) 4-Nitroaniline	10.59	138	114443	29.197	nq	99
62) Azobenzene	10.71	77	624034	40.508	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	124346	49.323	nq #	71
65) n-Nitrosodiphenylamine	10.67	169	557515	40.642	nq	97
66) 4-Bromophenyl-phenylether	11.04	248	236931	48.678	nq #	83
67) Hexachlorobenzene	11.11	284	254018	49.863	nq #	83
68) Atrazine	11.23	200	105972	24.300	nq	95
69) Pentachlorophenol	11.31	266	243248	95.696	nq	99
70) Phenanthrene	11.53	178	898145	45.659	nq	98
71) Anthracene	11.58	178	914414	45.543	nq	98
72) Carbazole	11.74	167	736105	39.159	nq	97
73) Di-n-butylphthalate	12.05	149	915487	41.339	nq	99
74) Fluoranthene	12.72	202	877813	40.487	nq	96
76) Benzidine	12.75	184	937	0.121	nq #	1
77) Pyrene	12.95	202	849289	47.307	nq	99
79) Butylbenzylphthalate	13.56	149	322065	43.633	nq #	91
80) Benzo(a)anthracene	14.14	228	758299	45.701	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	541	0.093	nq #	75
82) Chrysene	14.18	228	702937	46.049	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	473218	50.146	nq	97
84) Di-n-octyl phthalate	14.74	149	739076	48.047	nq	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	746718	57.642	nq #	90
87) Benzo(b)fluoranthene	15.24	252	768448	44.013	nq #	95
88) Benzo(k)fluoranthene	15.27	252	699790	42.088	nq #	96
89) Benzo(a)pyrene	15.62	252	717243	46.210	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	615176	46.767	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	608105	47.297	nq #	90

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



#1

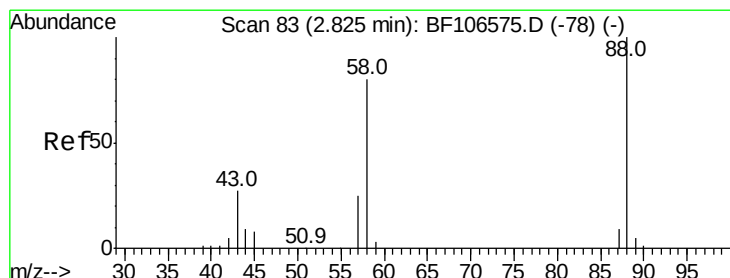
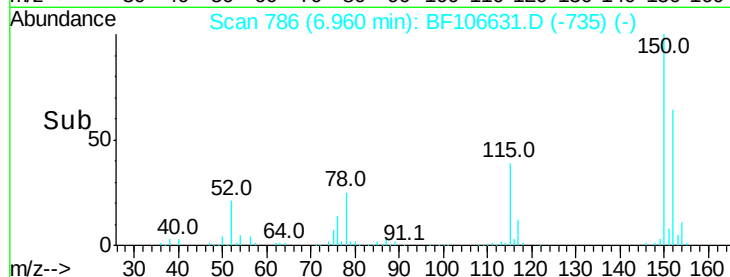
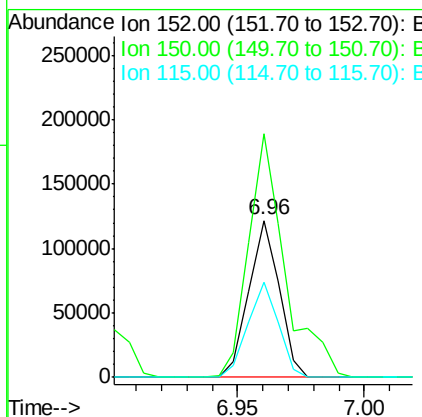
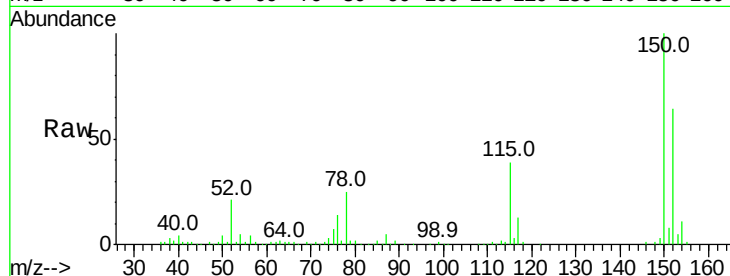
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
APPROVED

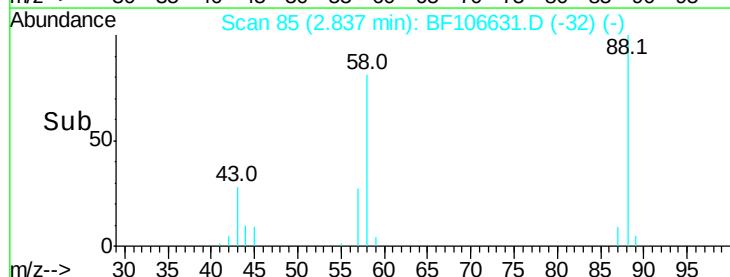
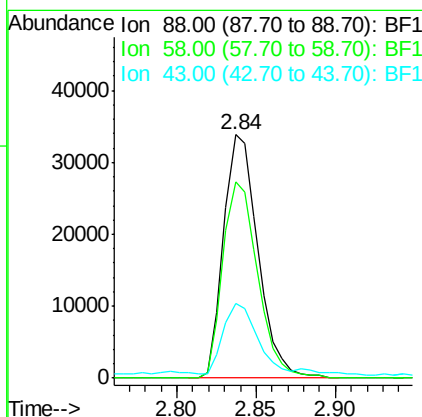
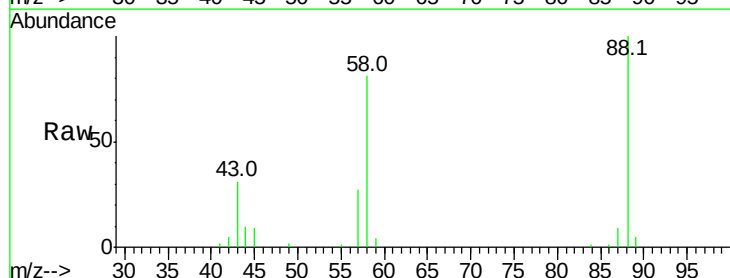
Sohil
6/21/2018 11:28:05 AM

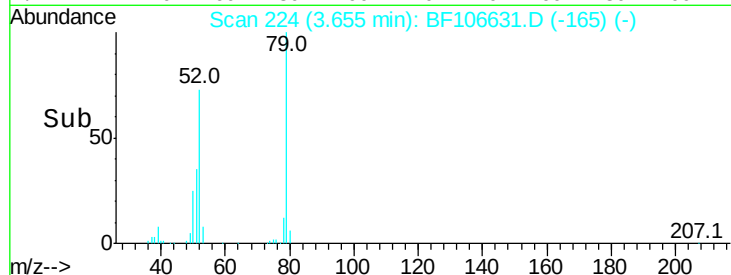
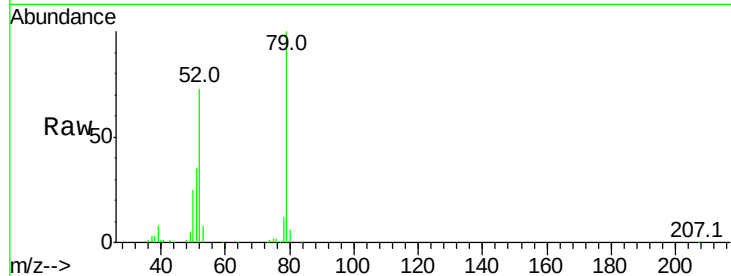
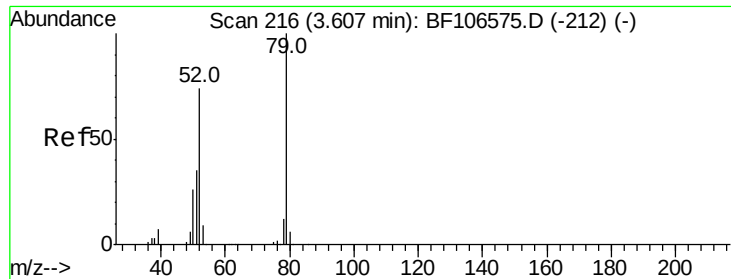


#2

1,4-Dioxane
Concen: 16.424 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	62.6	93.8
43	31.4	24.6	37.0





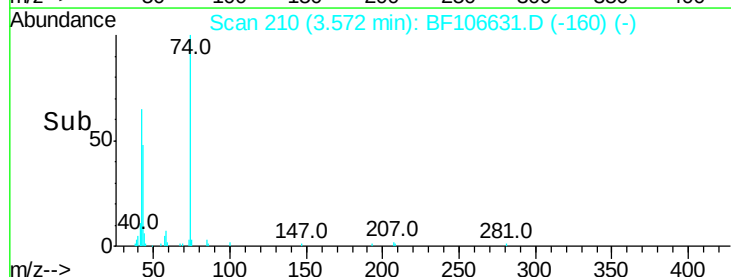
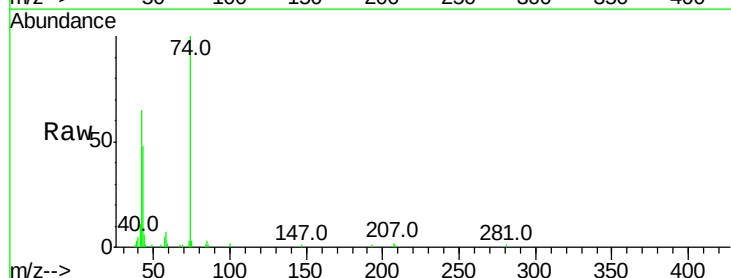
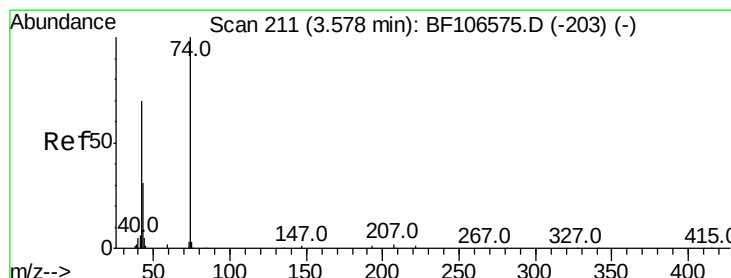
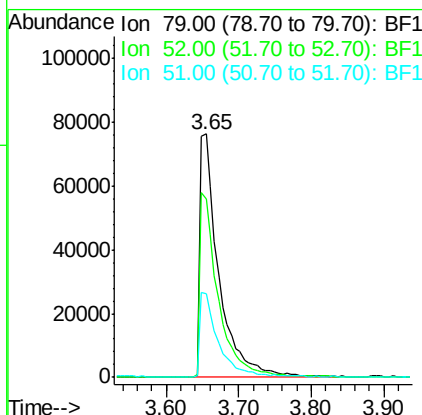
#3
Pvridine
Concen: 16.451 ng
RT: 3.65 min Scan# 224
Delta R.T. 0.05 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.8	89.6
51	34.6	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

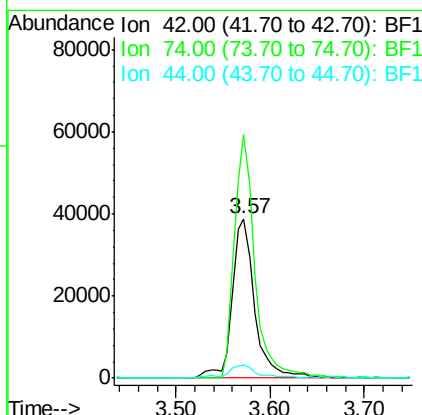
Manual Integrations
APPROVED

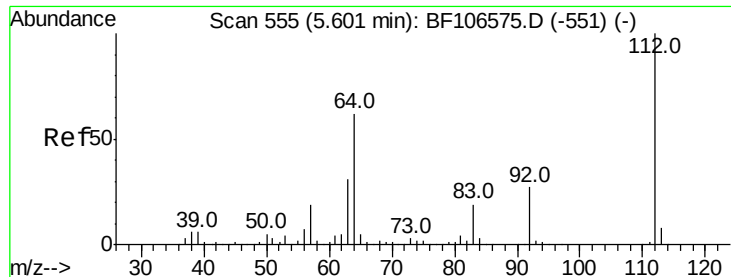
Sohil
6/21/2018 11:28:05 AM



#4
n-Nitrosodimethylamine
Concen: 18.124 ng
RT: 3.57 min Scan# 210
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.8	104.9	157.3
44	8.6	6.9	10.3





#5

2-Fluorophenol

Concen: 66.225 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

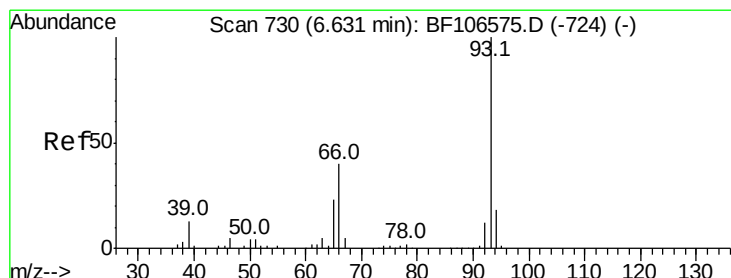
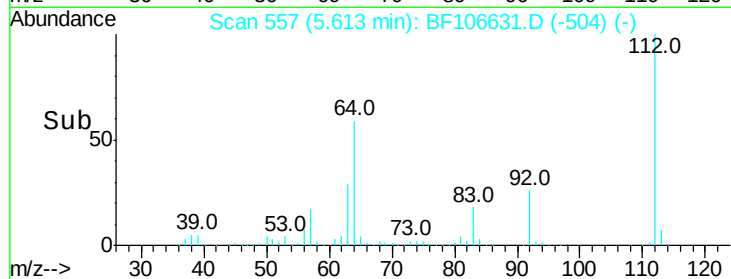
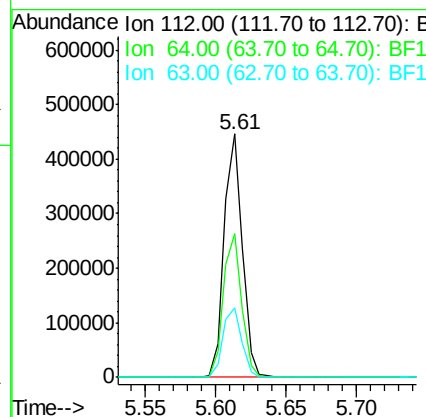
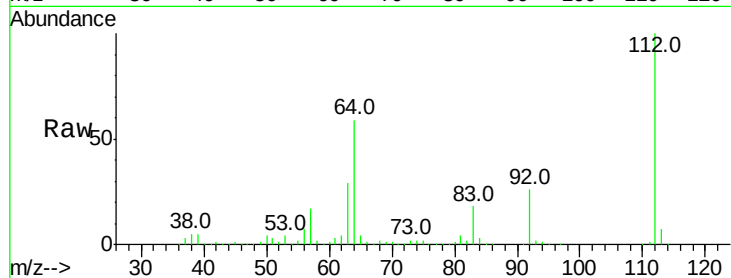
ClientSampleId :

TPTW-04MSD

Tot Ion:	112	Resp:	399142
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	28.5	23.7	35.5

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#6

Aniline

Concen: 25.666 ng

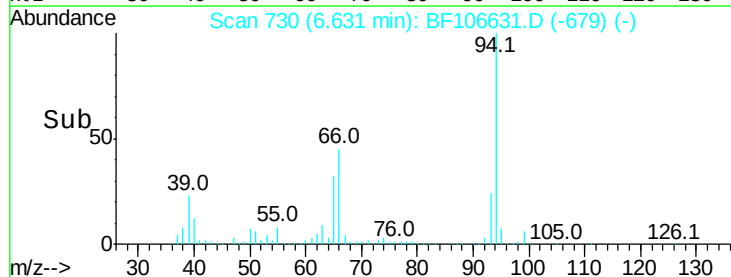
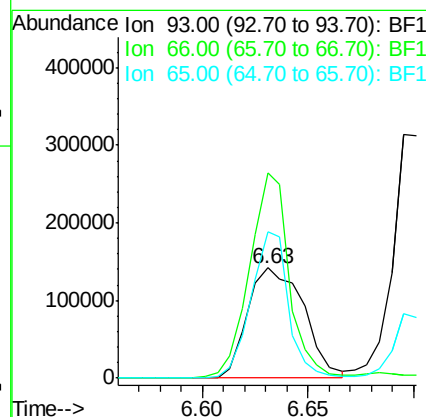
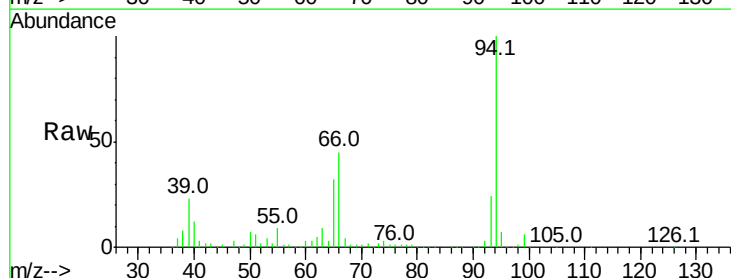
RT: 6.63 min Scan# 730

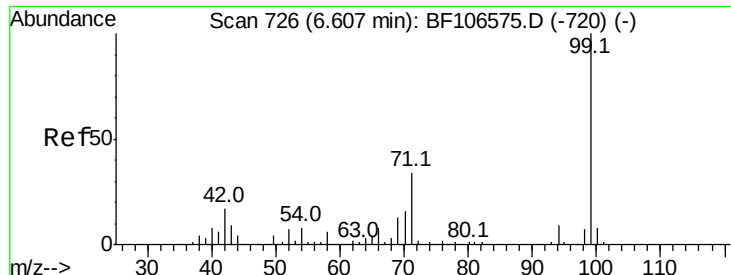
Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	93	Resp:	262043
Ion Ratio	Lower	Upper	
93	100		
66	186.4	32.2	48.2#
65	133.0	16.4	24.6#





#7

Phenol-d6

Concen: 43.346 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

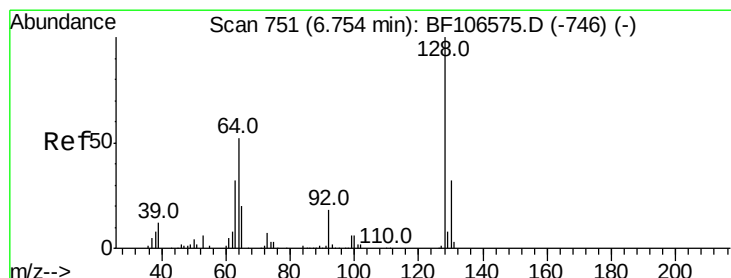
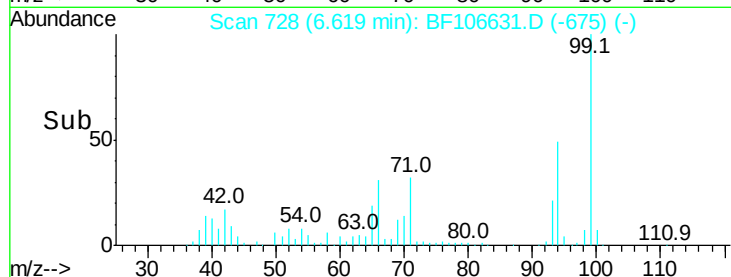
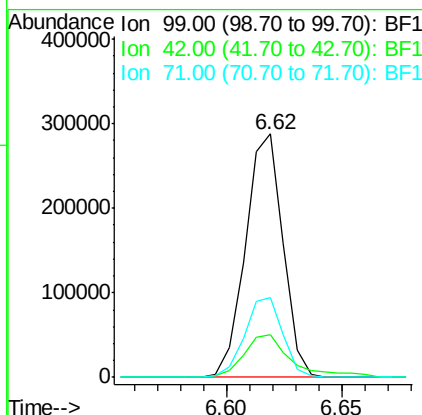
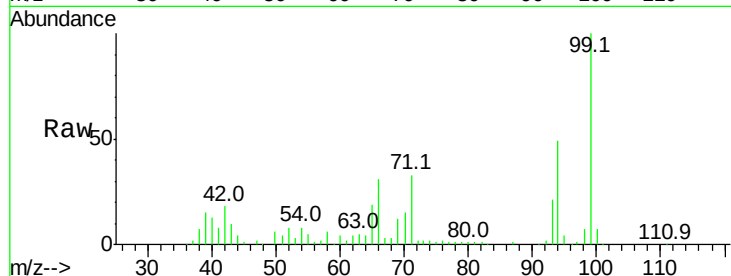
ClientSampleId :

TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	326248		
42	17.7		14.5	21.7
71	32.7		25.4	38.0

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#8

2-Chlorophenol

Concen: 36.669 ng

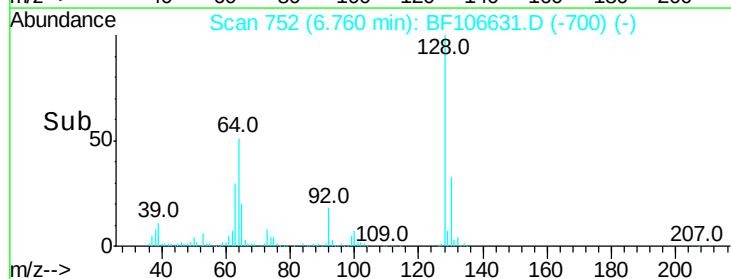
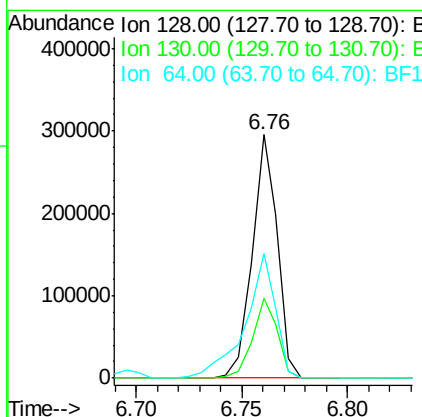
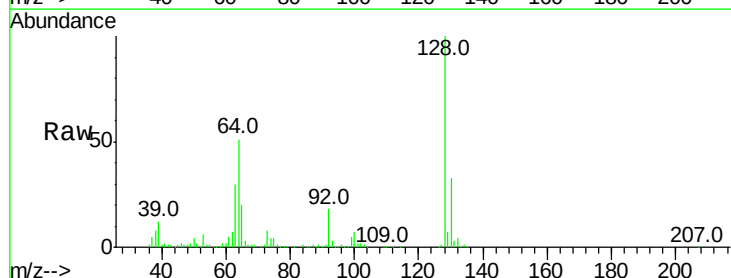
RT: 6.76 min Scan# 752

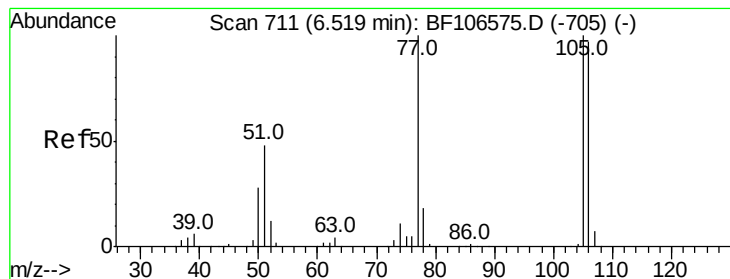
Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	242402		
130	32.9		13.0	53.0
64	51.3		29.4	69.4





#9

Benzaldehyde

Concen: 19.725 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

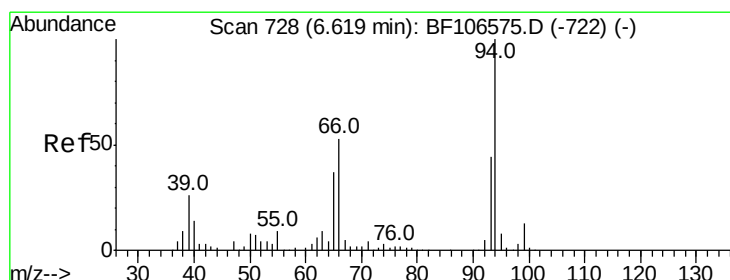
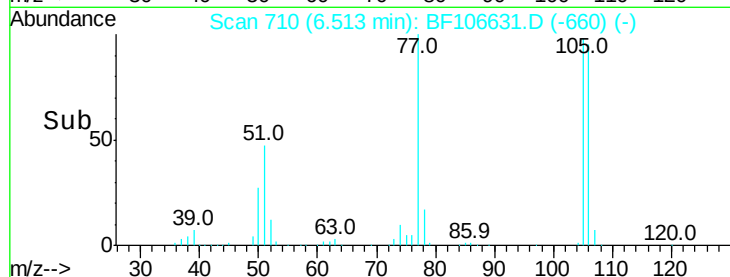
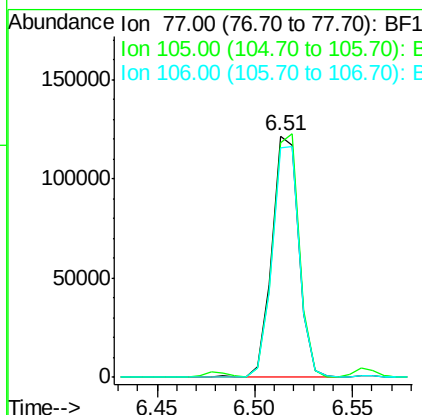
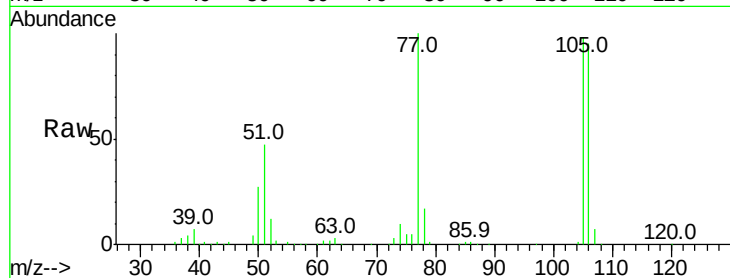
ClientSampleId :

TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.5	81.1	121.1
106	95.0	74.5	114.5

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#10

Phenol

Concen: 77.014 ng

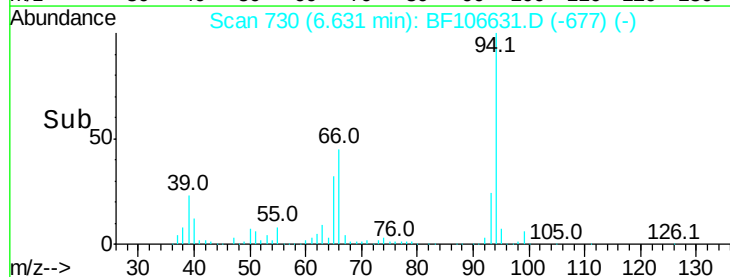
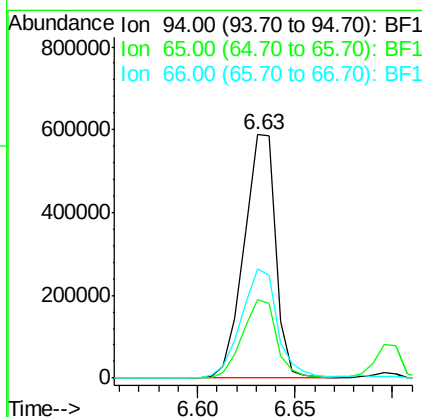
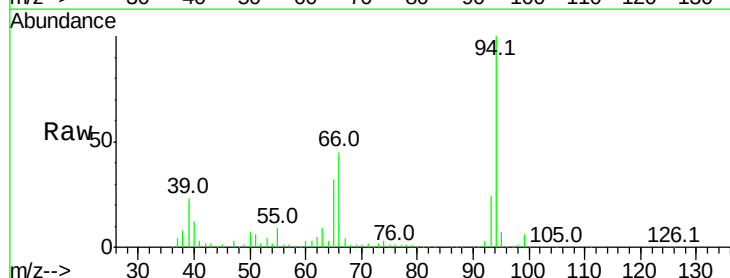
RT: 6.63 min Scan# 730

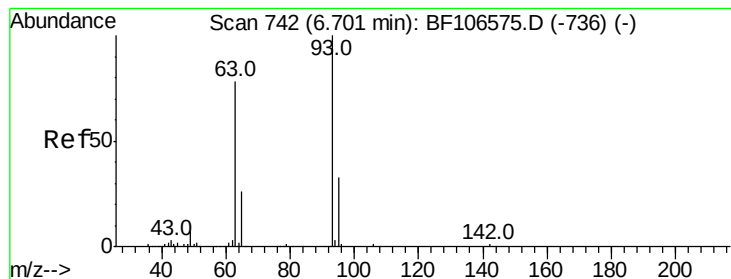
Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	45.0	16.2	56.2





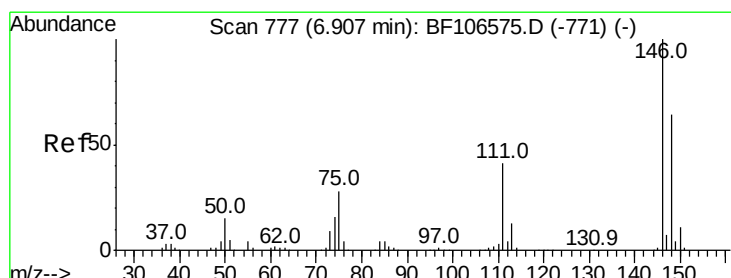
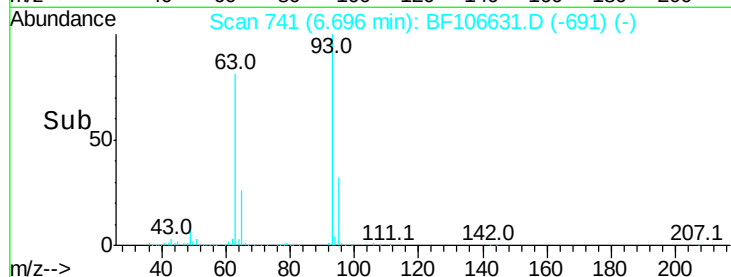
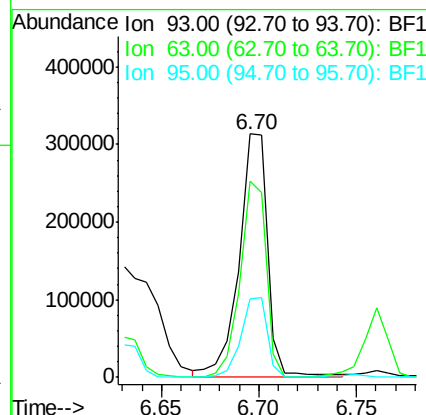
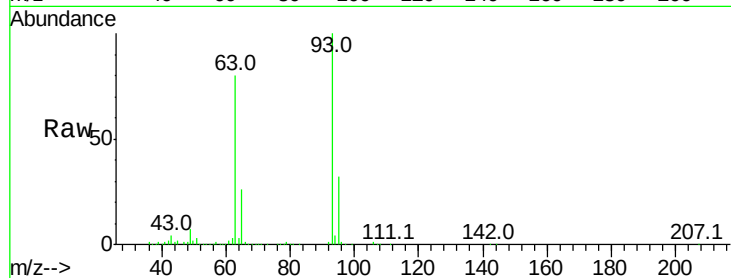
#11
bis(2-Chloroethyl)ether
Concen: 45.058 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	32.4	11.8	51.8

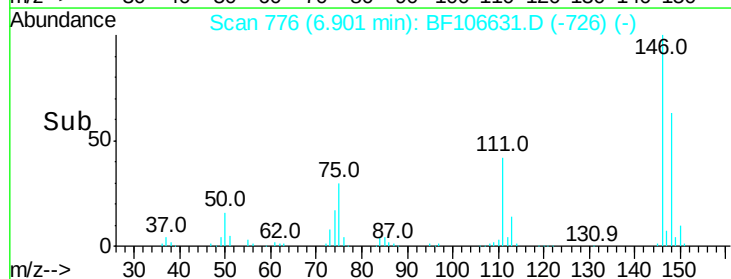
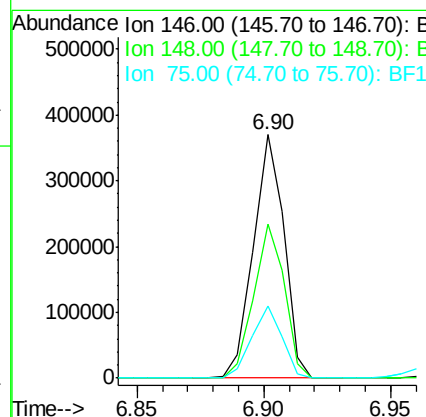
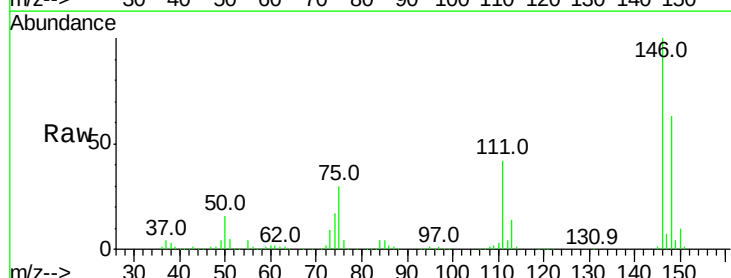
Manual Integrations
APPROVED

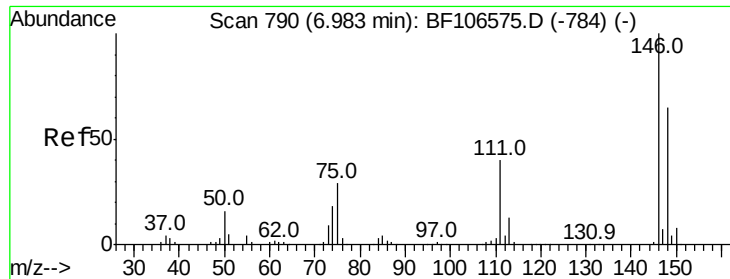
Sohil
6/21/2018 11:28:05 AM



#12
1,3-Dichlorobenzene
Concen: 40.404 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	29.7	24.2	36.4





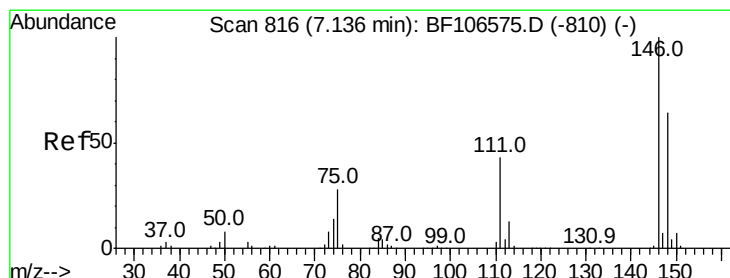
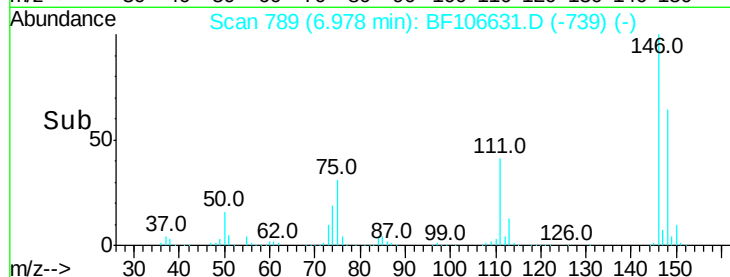
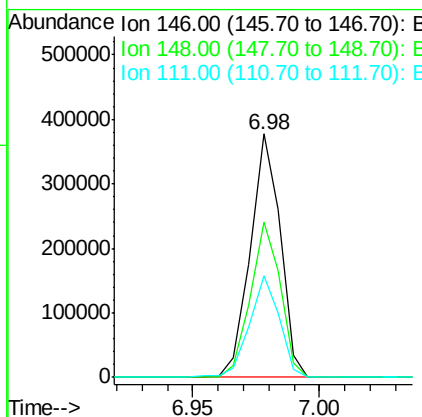
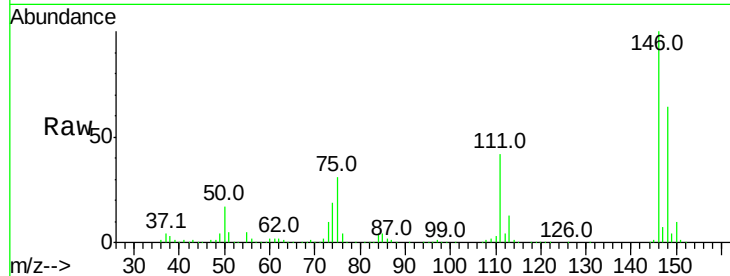
#13
 1,4-Dichlorobenzene
 Concen: 39.755 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	41.7	34.2	51.2

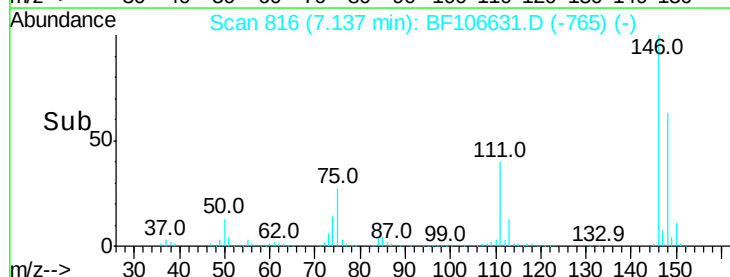
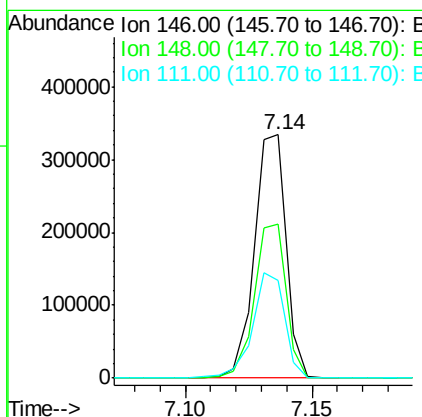
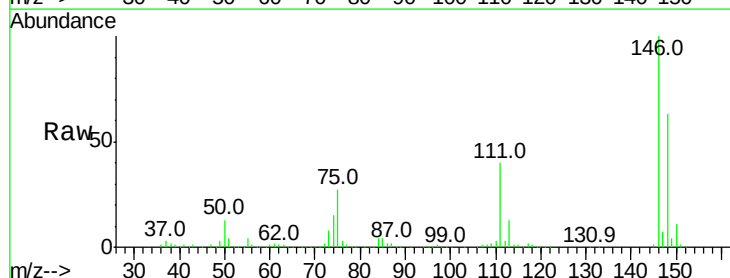
Manual Integrations
 APPROVED

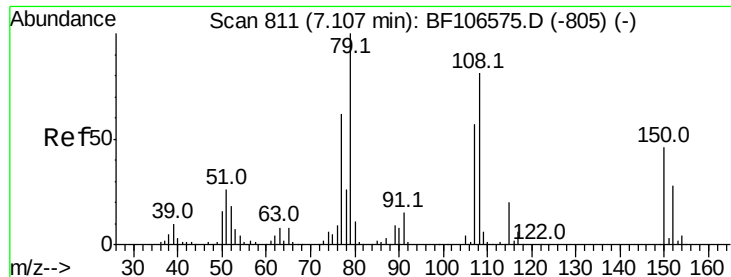
Sohil
 6/21/2018 11:28:05 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.758 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	40.3	36.0	54.0





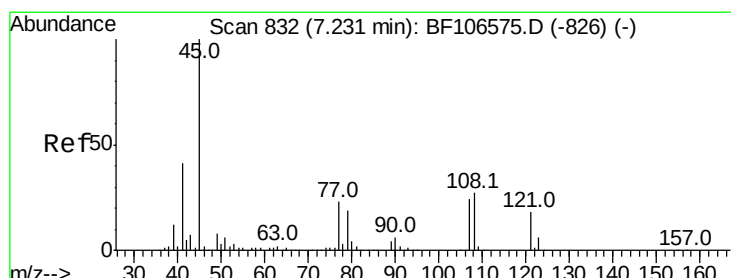
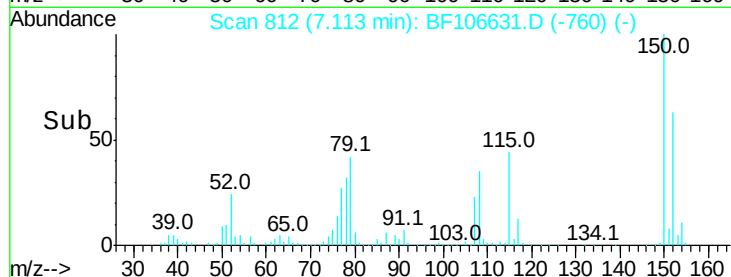
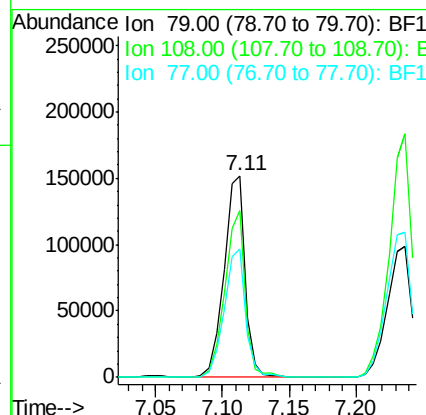
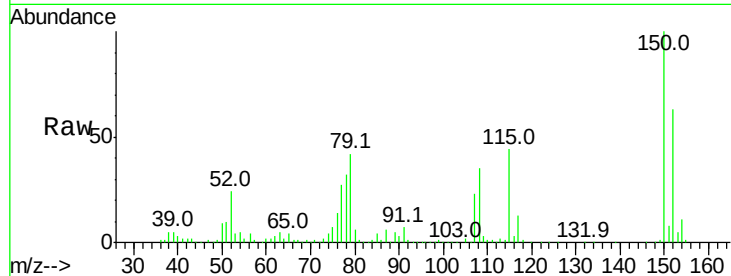
#15
Benzyl Alcohol
Concen: 27.960 ng
RT: 7.11 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampled :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	65.1	97.7
77	63.9	50.6	75.8

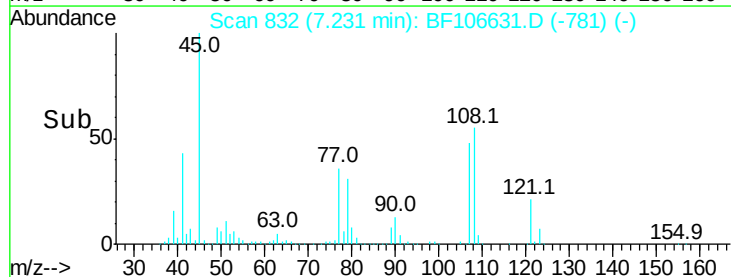
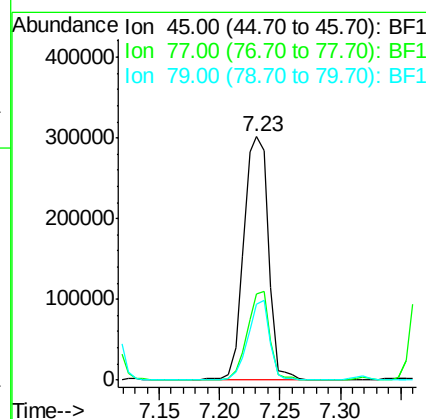
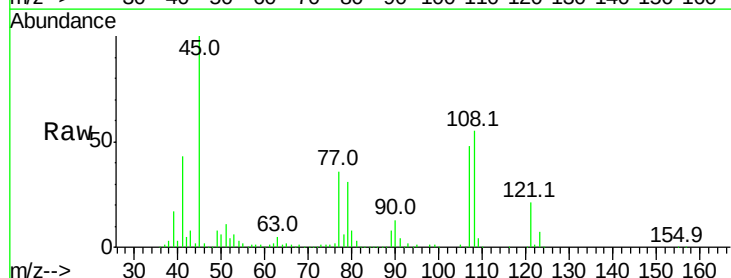
Manual Integrations
APPROVED

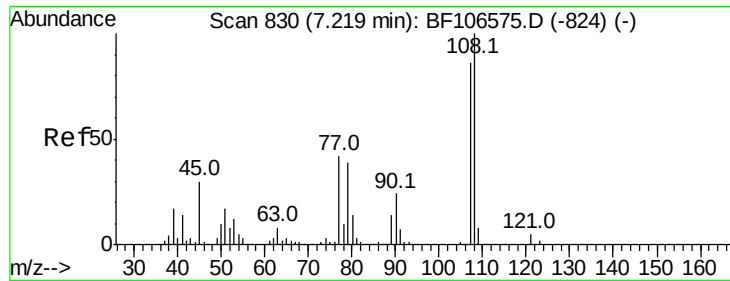
Sohil
6/21/2018 11:28:05 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.100 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.6	0.0	32.9#
79	31.3	0.0	29.6#





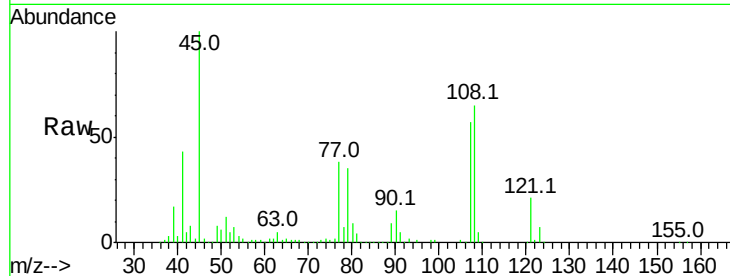
#17
2-Methylphenol
Concen: 33.199 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.02 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	67.6	33.8	50.8#
79	61.3	33.8	50.8#

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



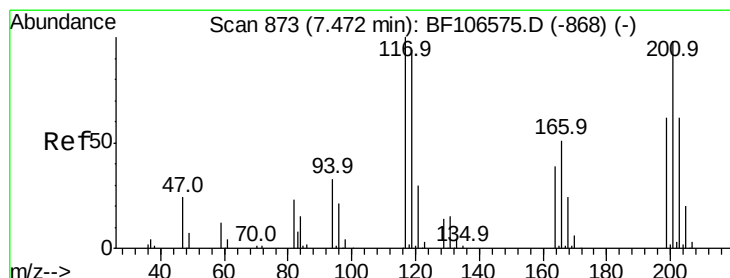
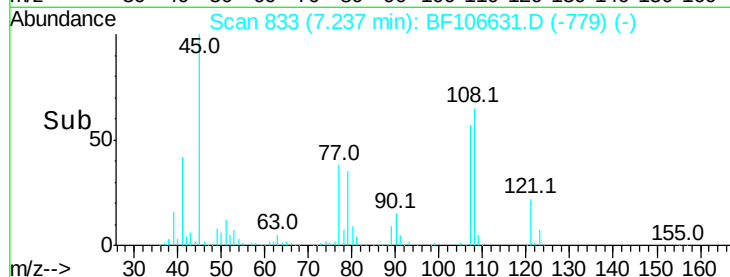
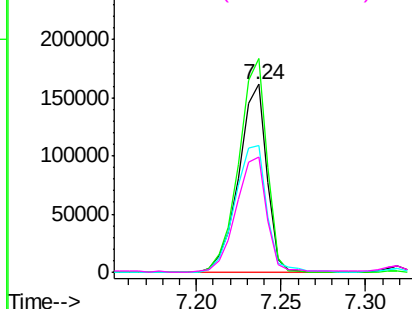
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.167 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

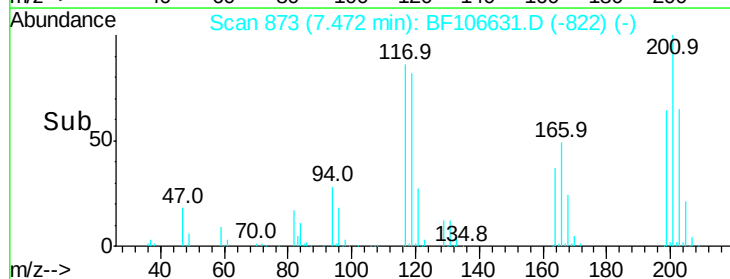
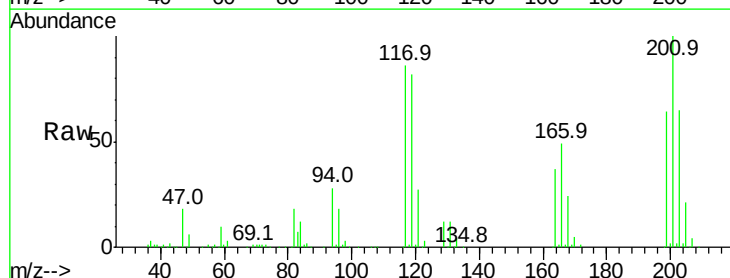
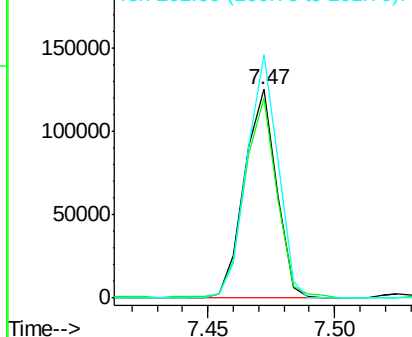
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	116.5	75.7	113.5#

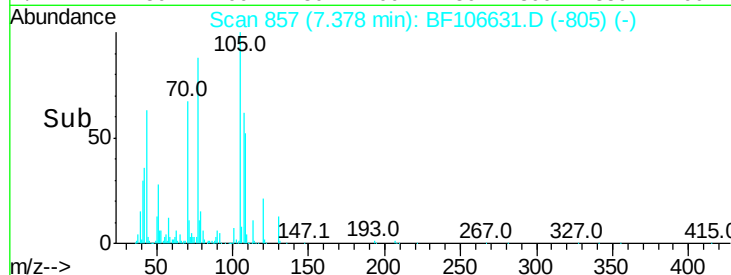
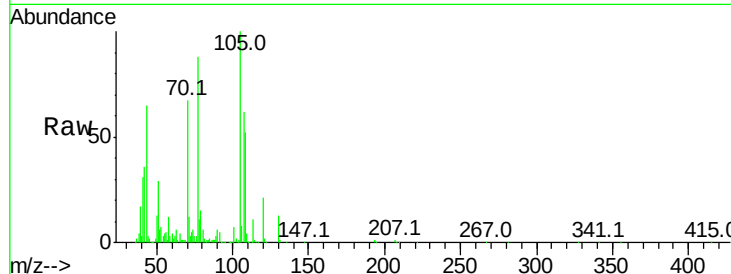
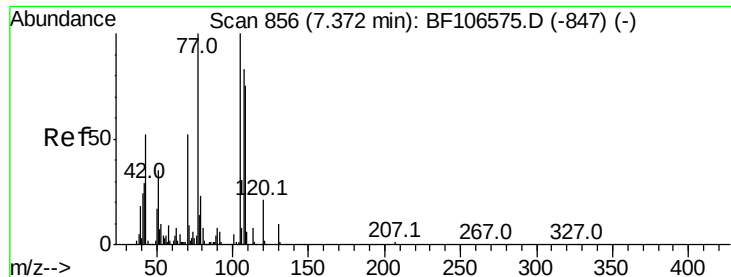
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





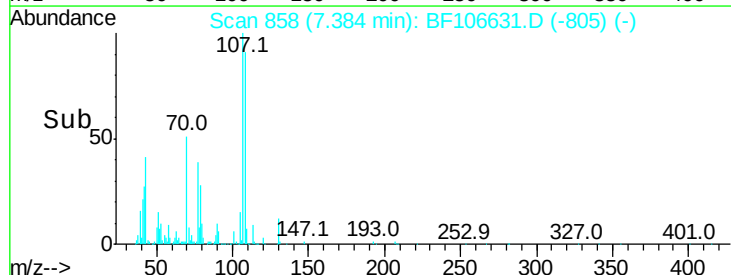
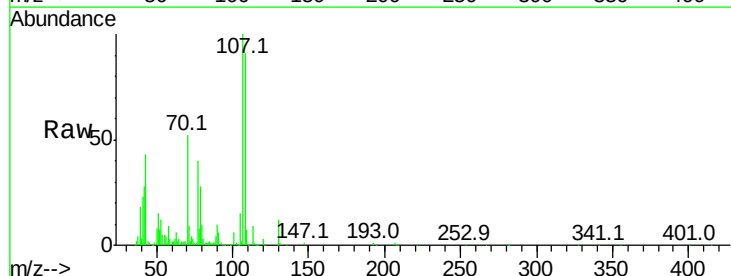
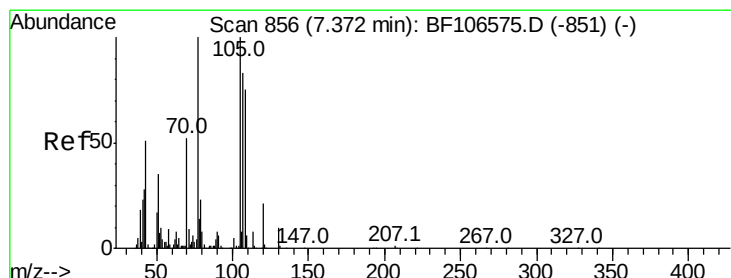
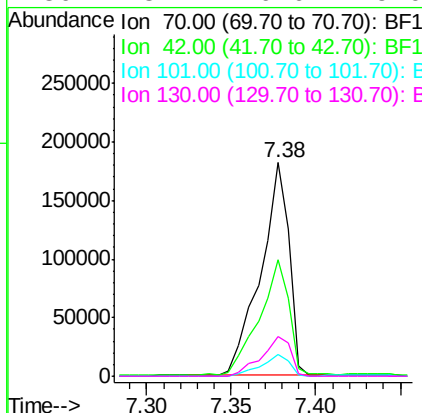
#19
n-Nitroso-di-n-propylamine
Concen: 42.346 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	70	Resp	210092
Ion Ratio	Lower	Upper	
70	100		
42	54.3	47.5	71.3
101	10.4	7.4	11.2
130	18.7	16.6	25.0

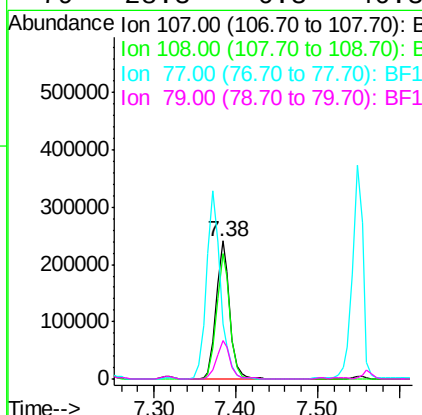
Manual Integrations
APPROVED

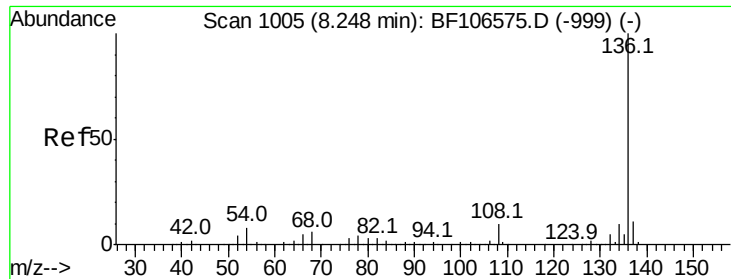
Sohil
6/21/2018 11:28:05 AM



#20
3+4-Methylphenols
Concen: 46.095 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	107	Resp	279576
Ion Ratio	Lower	Upper	
107	100		
108	90.9	68.2	108.2
77	39.6	26.7	66.7
79	28.3	6.3	46.3





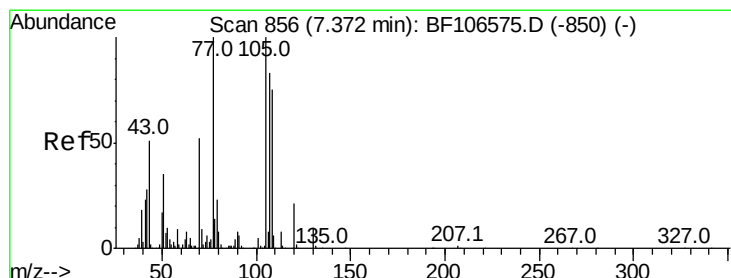
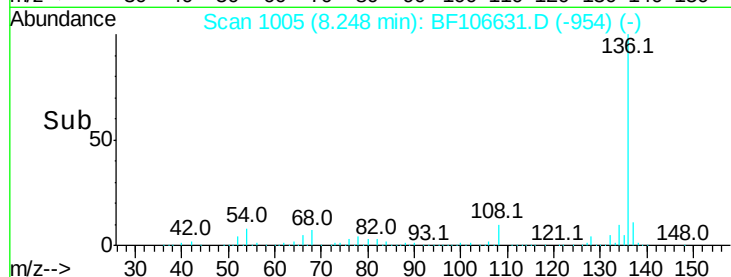
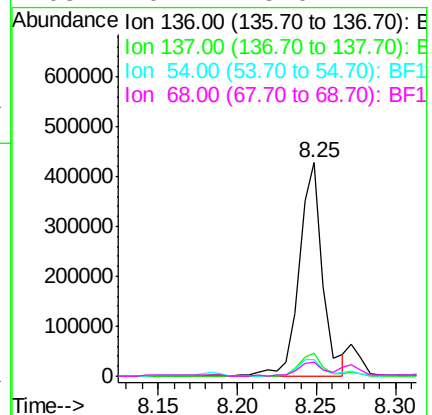
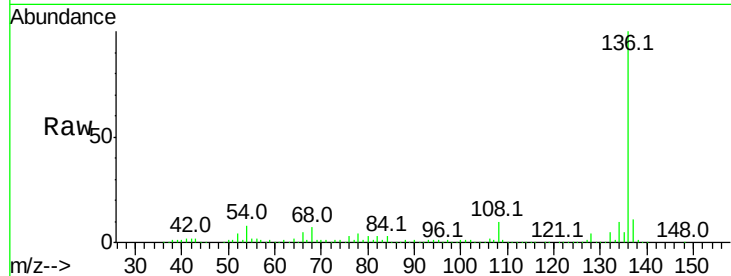
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	431881		
137	11.0		8.9	13.3
54	7.9		6.6	9.8
68	6.7		5.0	7.4

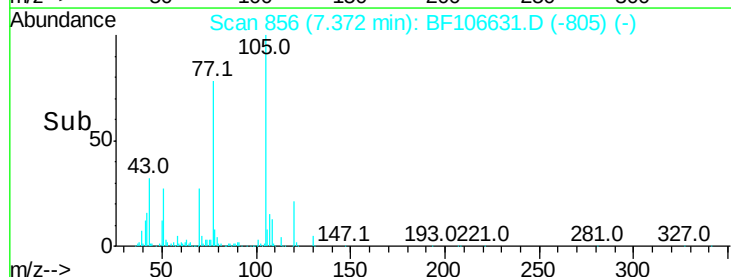
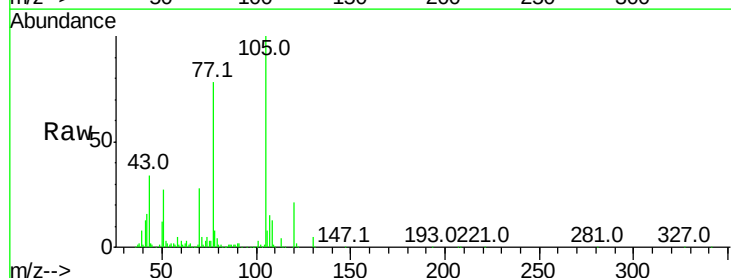
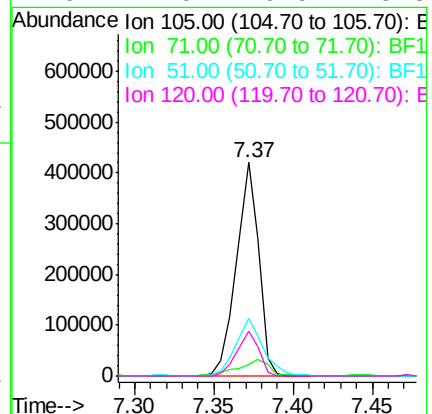
Manual Integrations
APPROVED

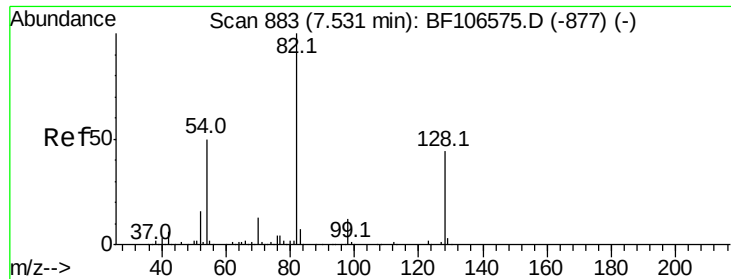
Sohil
6/21/2018 11:28:05 AM



#22
Acetophenone
Concen: 42.581 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	411433		
71	5.1		4.4	6.6
51	27.0		22.3	33.5
120	21.0		16.9	25.3





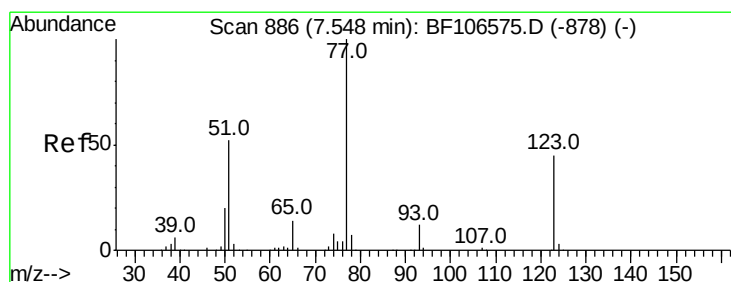
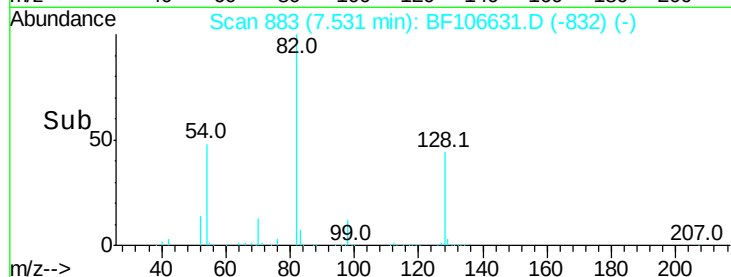
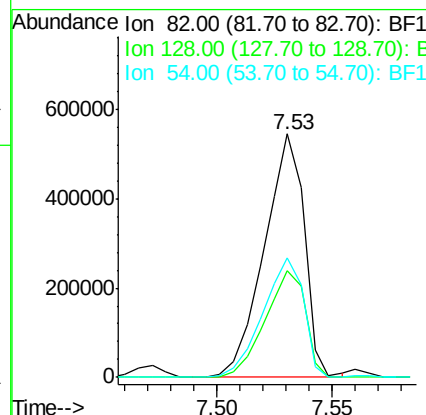
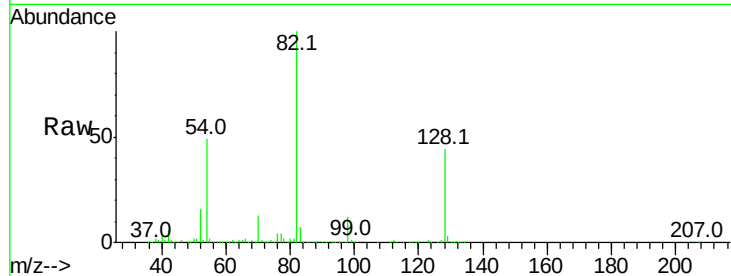
#23
 Nitrobenzene-d5
 Concen: 84.093 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.2	41.4	62.2

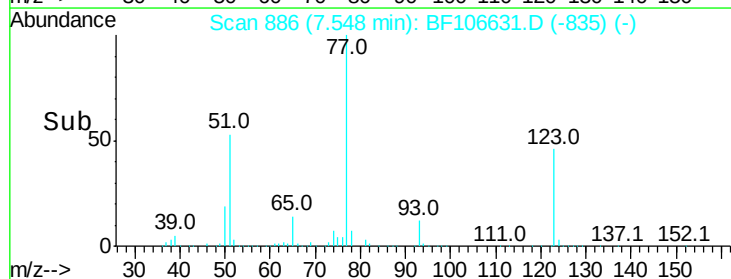
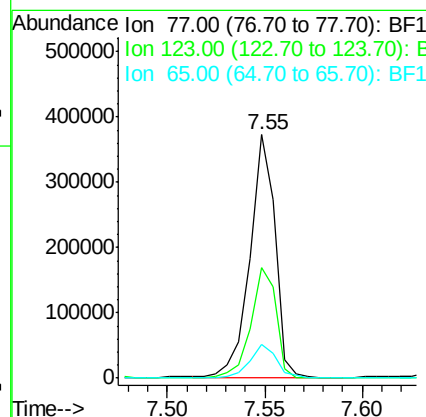
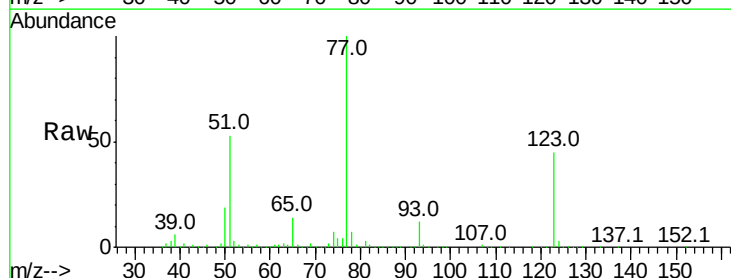
Manual Integrations
 APPROVED

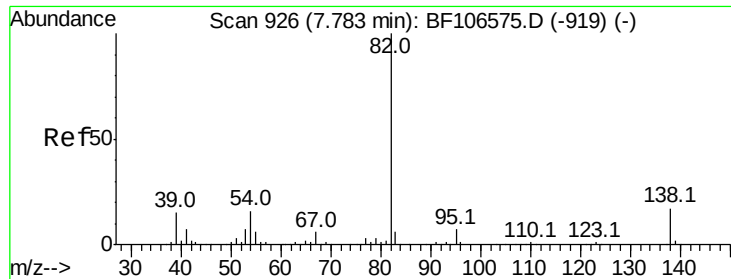
Sohil
 6/21/2018 11:28:05 AM



#24
 Nitrobenzene
 Concen: 41.537 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 45.216 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

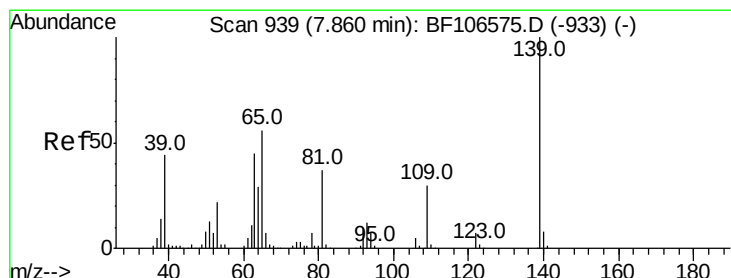
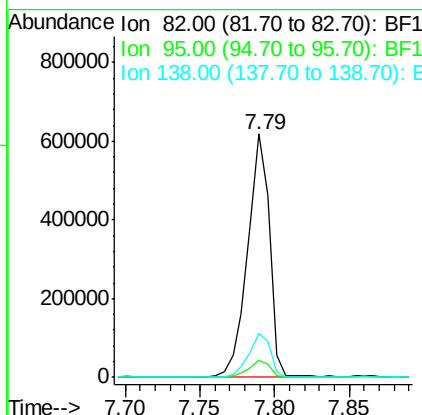
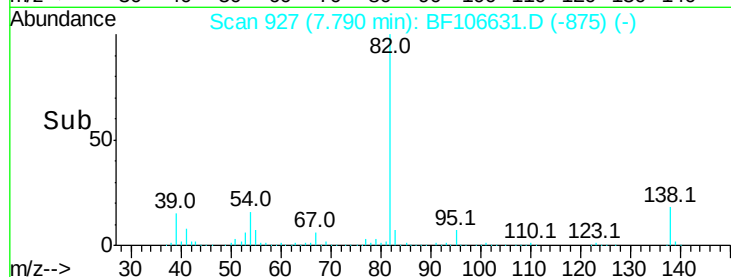
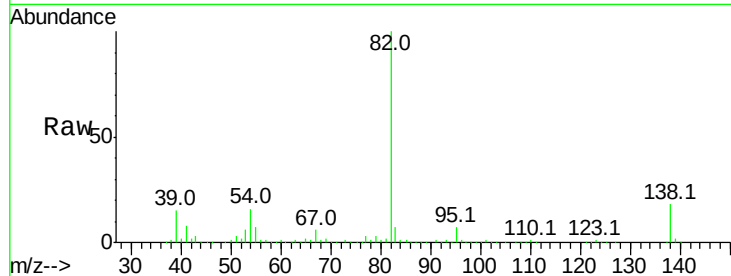
ClientSampleId :

TPTW-04MSD

Tot Ion:	82	Resp:	619201
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#26

2-Nitrophenol

Concen: 44.313 ng

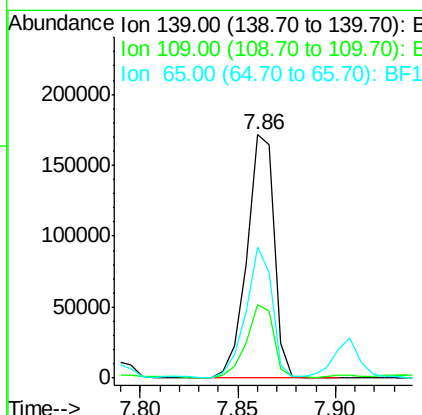
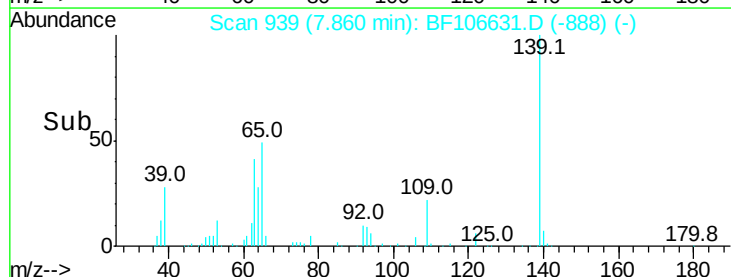
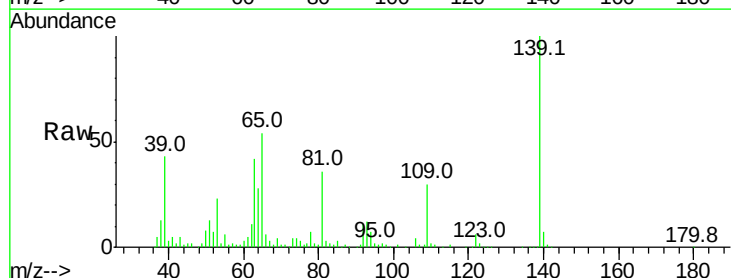
RT: 7.86 min Scan# 939

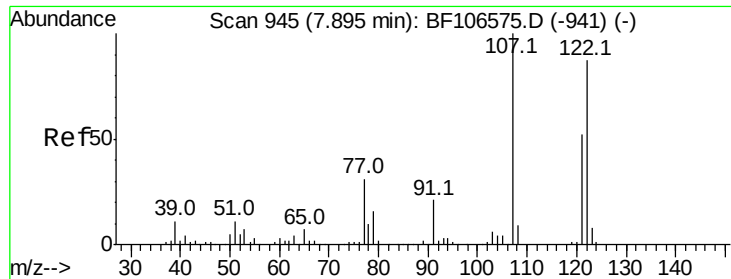
Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	139	Resp:	165975
Ion Ratio	Lower	Upper	
139	100		
109	30.3	22.7	34.1
65	53.6	40.5	60.7





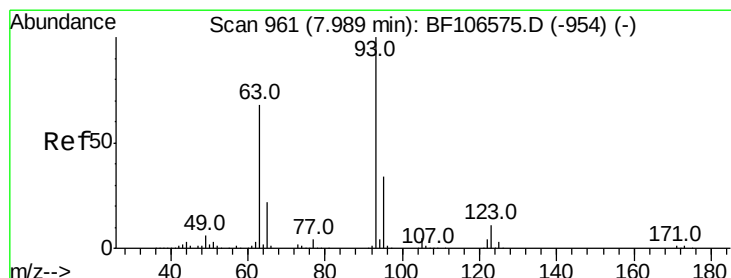
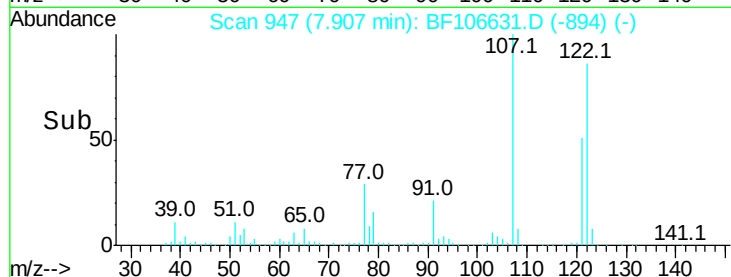
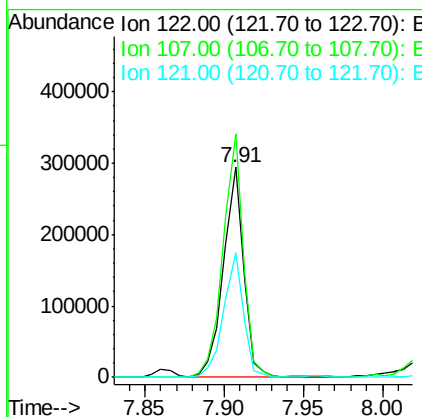
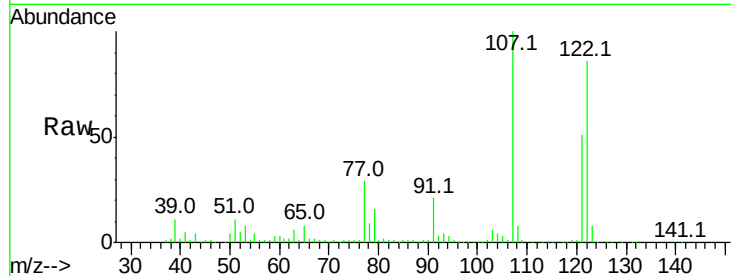
#27
 2,4-Dimethylphenol
 Concen: 45.224 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.2	136.8
121	59.1	47.2	70.8

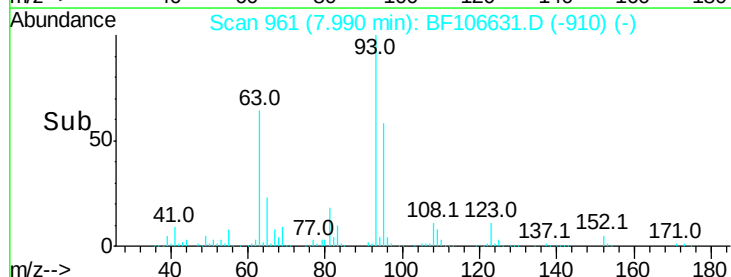
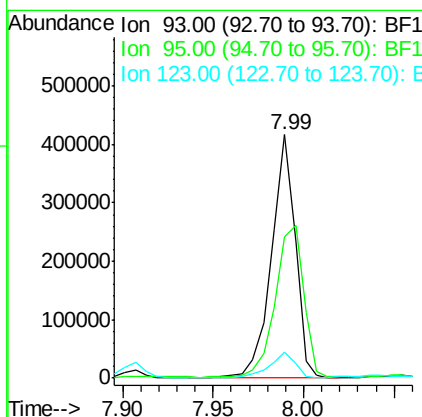
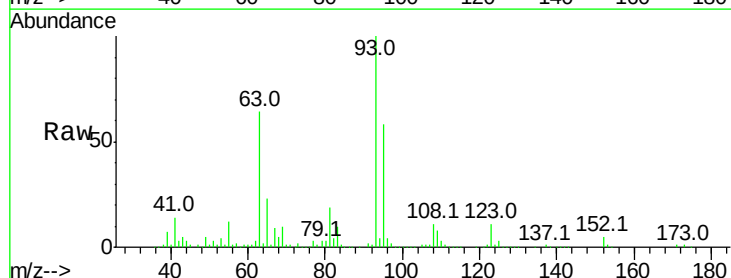
Manual Integrations
 APPROVED

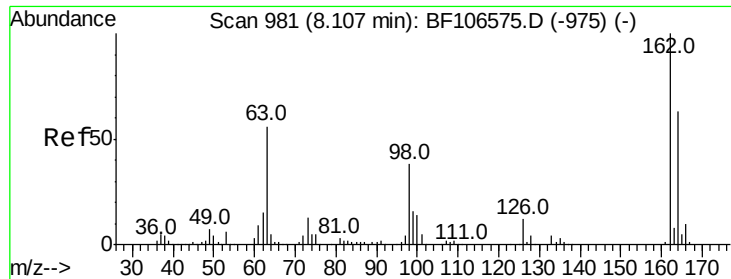
Sohil
 6/21/2018 11:28:05 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.140 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	58.3	26.3	39.5#
123	10.7	9.8	14.6





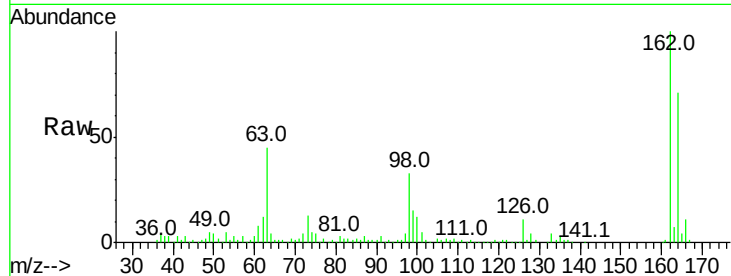
#29
 2,4-Dichlorophenol
 Concen: 42.353 ng
 RT: 8.12 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

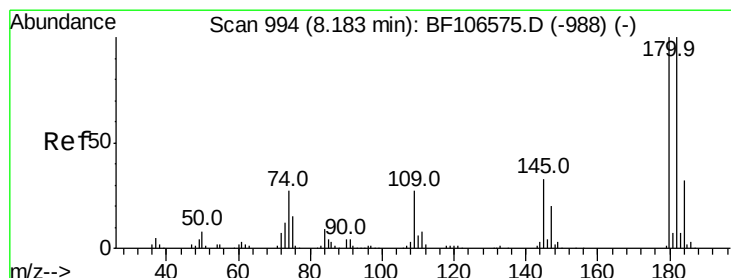
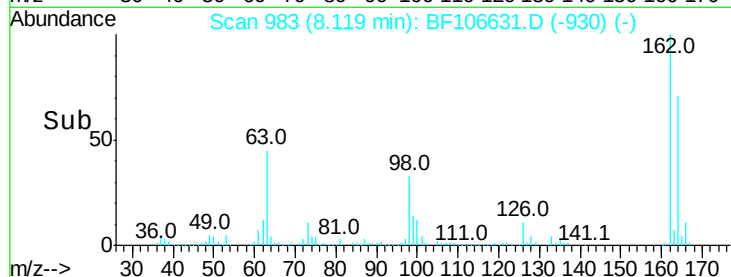
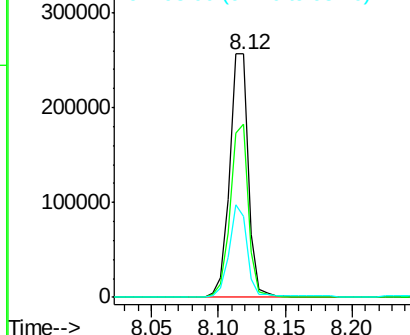
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	71.1	42.7	82.7
98	33.3	18.1	58.1

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM

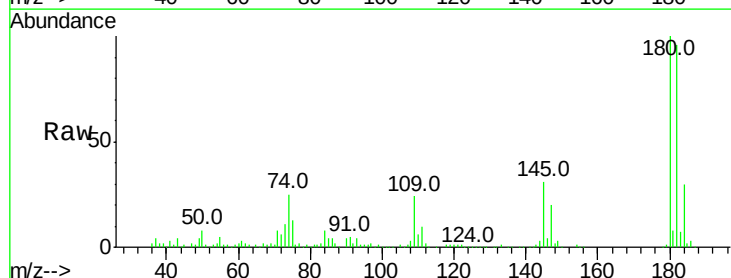


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

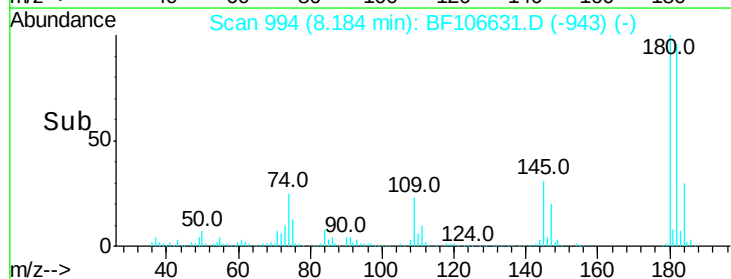
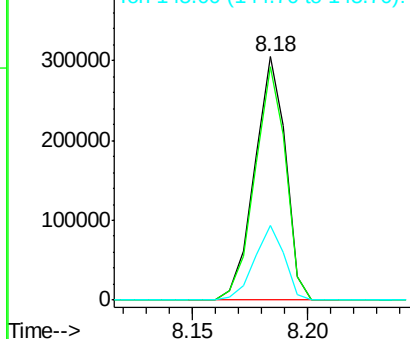


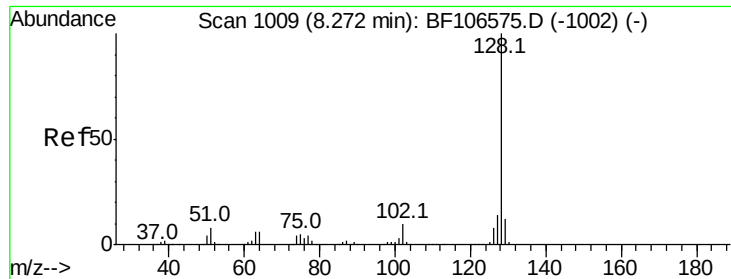
#30
 1,2,4-Trichlorobenzene
 Concen: 42.857 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	76.8	115.2
145	30.6	26.5	39.7



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





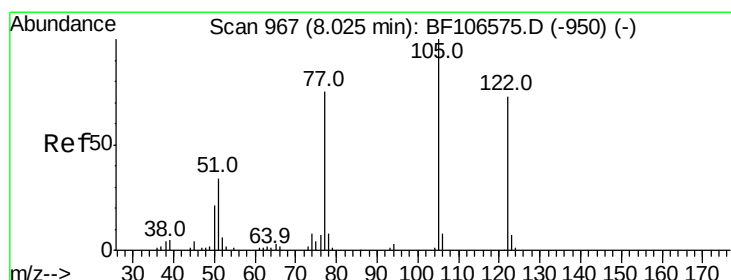
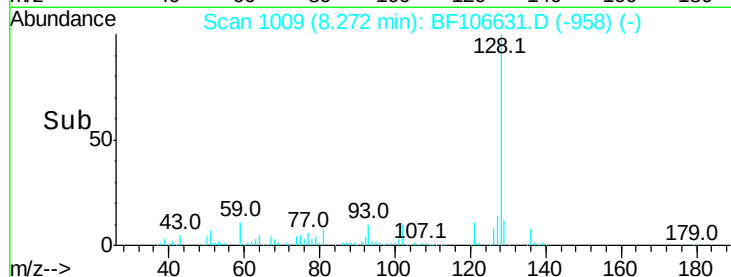
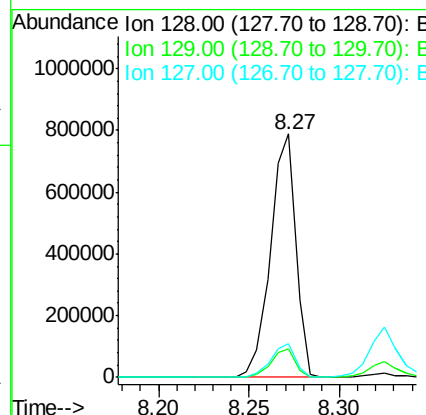
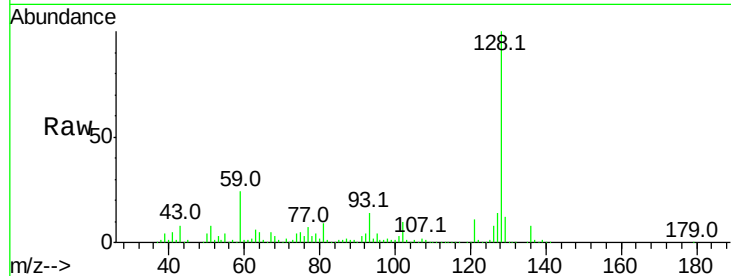
#31
Naphthalene
Concen: 37.969 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampled :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	13.9	10.9	16.3

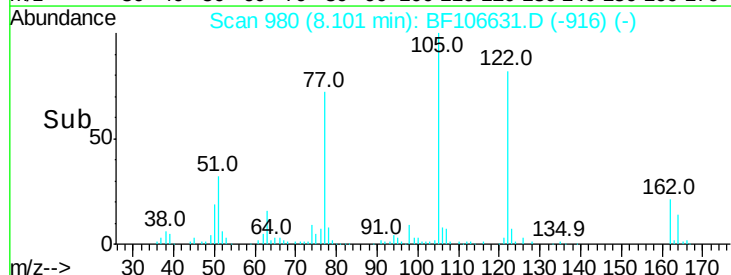
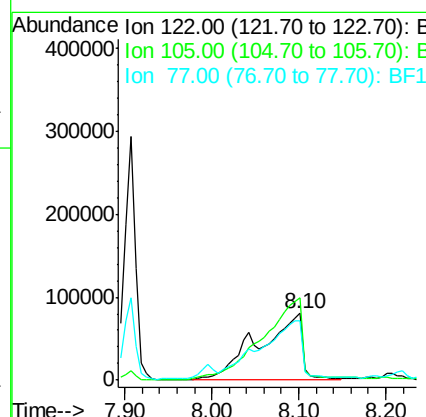
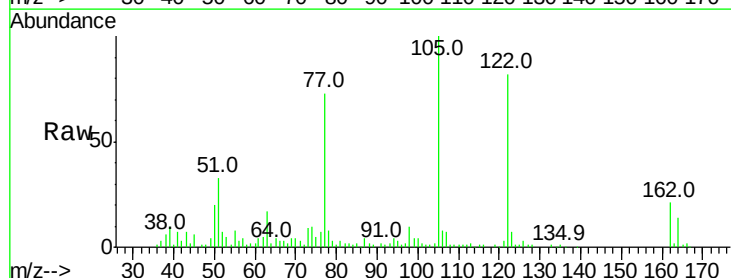
Manual Integrations
APPROVED

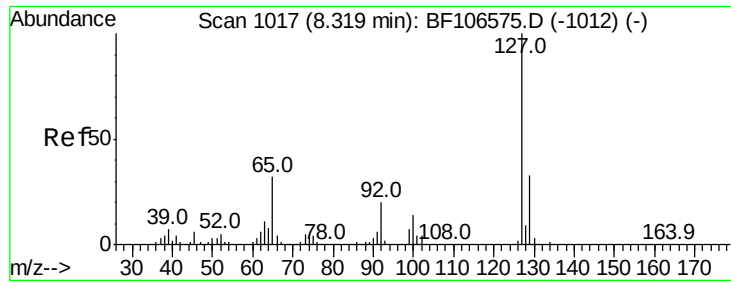
Sohil
6/21/2018 11:28:05 AM



#32
Benzoic acid
Concen: 65.197 ng m
RT: 8.10 min Scan# 980
Delta R.T. 0.08 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	101.1	141.1
77	89.6	70.7	110.7





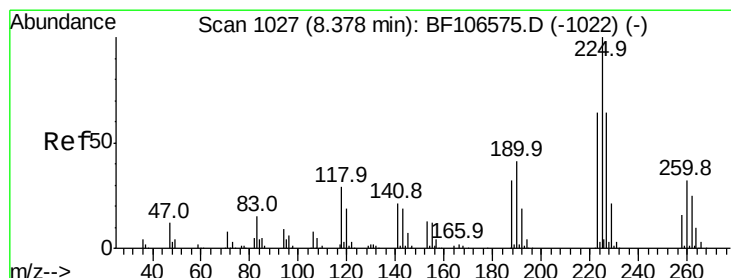
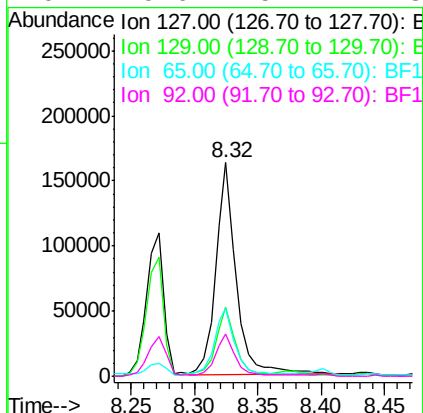
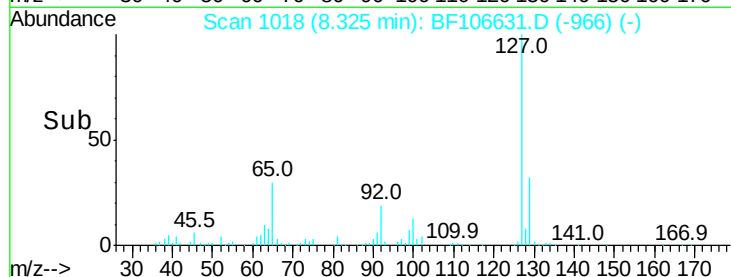
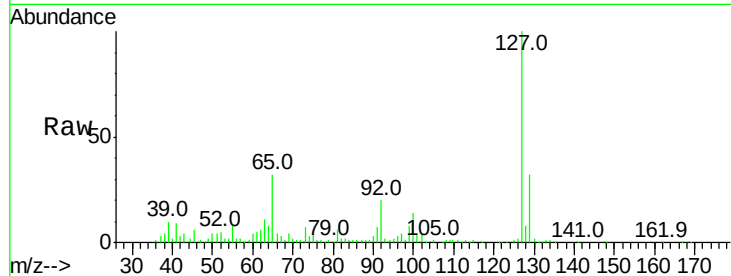
#33
4-Chloroaniline
Concen: 21.878 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	31.8	25.0	37.4	
92	19.6	15.2	22.8	

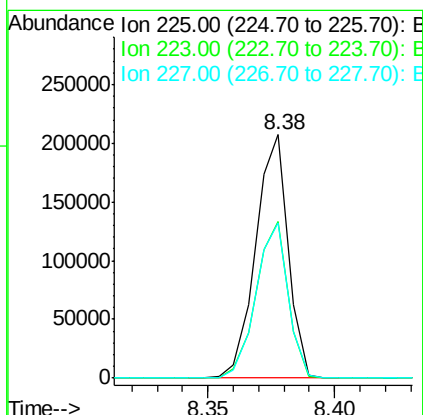
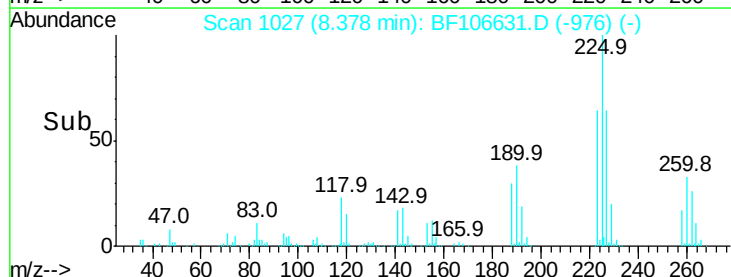
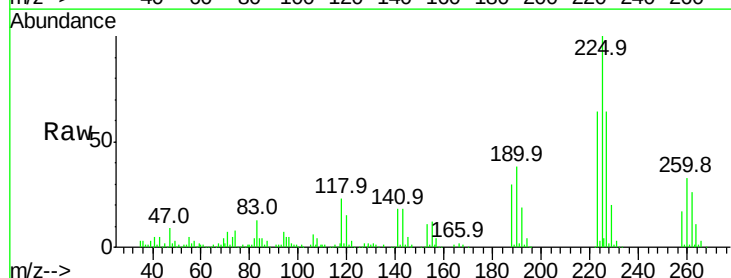
Manual Integrations
APPROVED

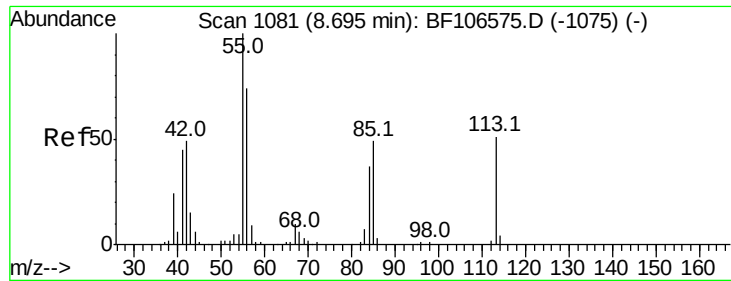
Sohil
6/21/2018 11:28:05 AM



#34
Hexachlorobutadiene
Concen: 42.330 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	50.6	76.0	
227	64.0	51.9	77.9	





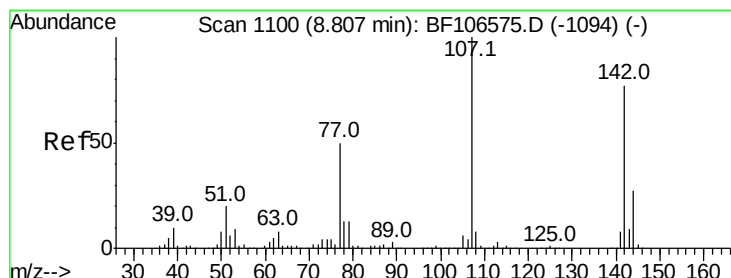
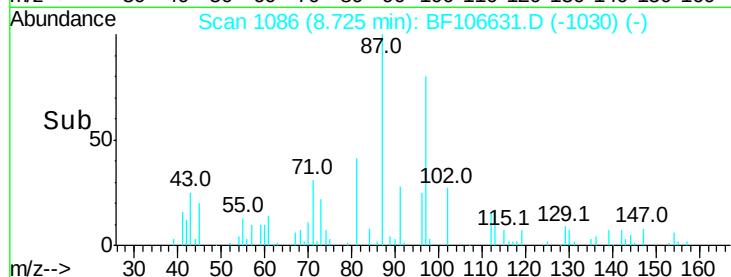
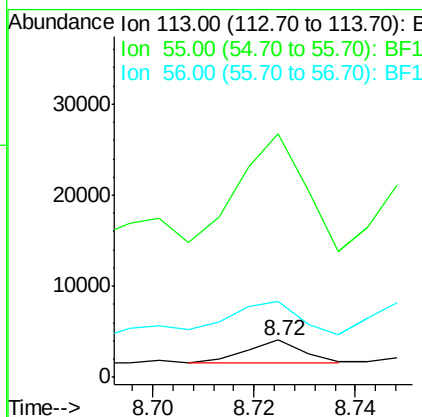
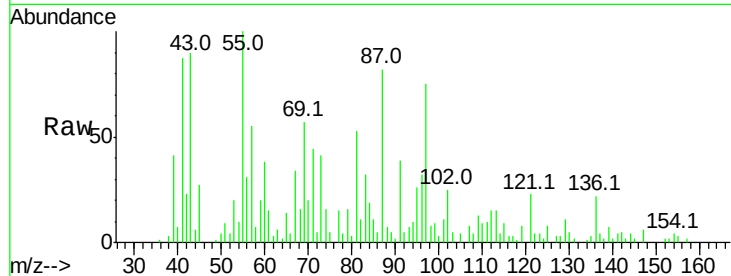
#35
 Caprolactam
 Concen: 0.968 ng
 RT: 8.72 min Scan# 1086
 Delta R.T. 0.03 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	649.2	163.3	203.3#
56	201.1	115.7	155.7#

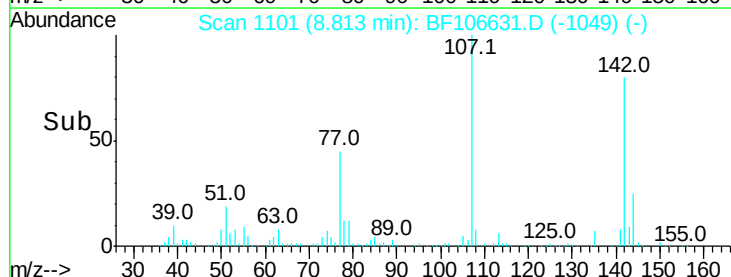
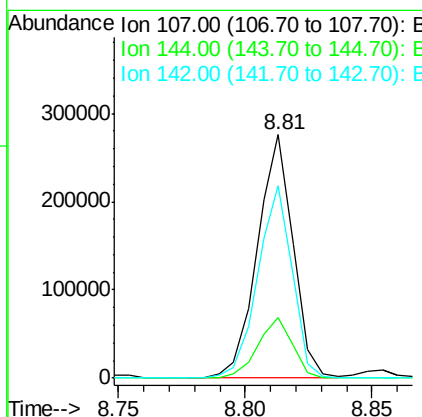
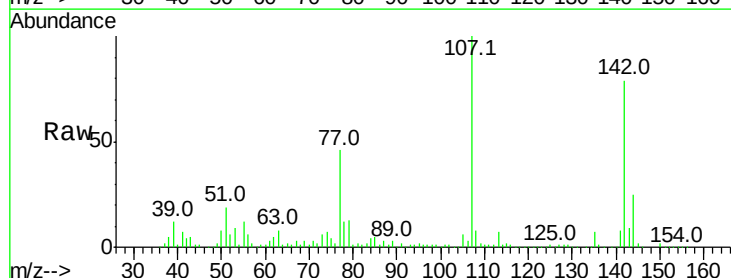
Manual Integrations
 APPROVED

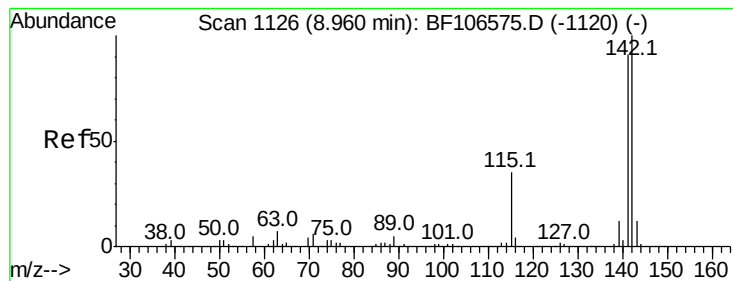
Sohil
 6/21/2018 11:28:05 AM



#36
 4-Chloro-3-methylphenol
 Concen: 42.312 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.5	30.7
142	79.0	62.0	93.0





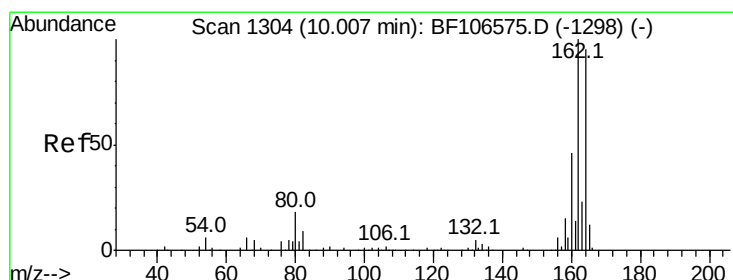
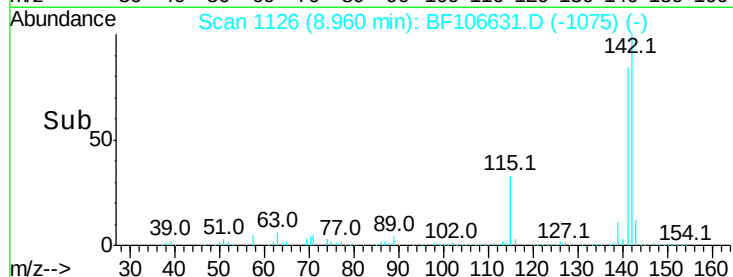
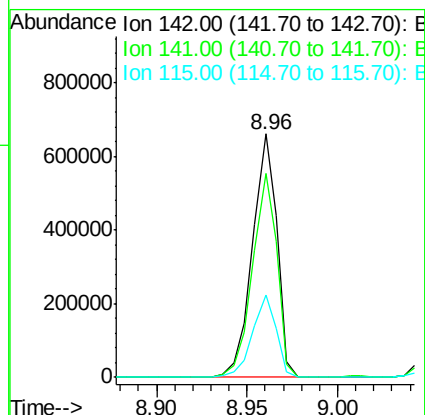
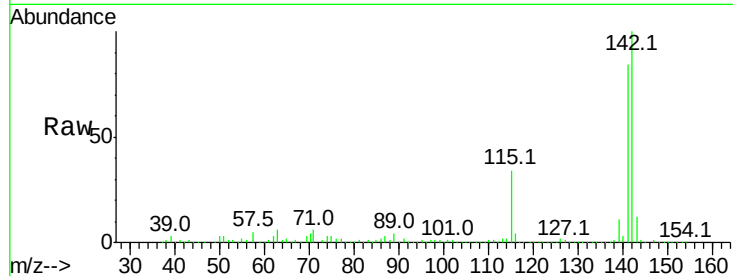
#37
2-Methylnaphthalene
Concen: 46.225 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	618661		
141	84.0		70.8	106.2
115	33.8		26.1	39.1

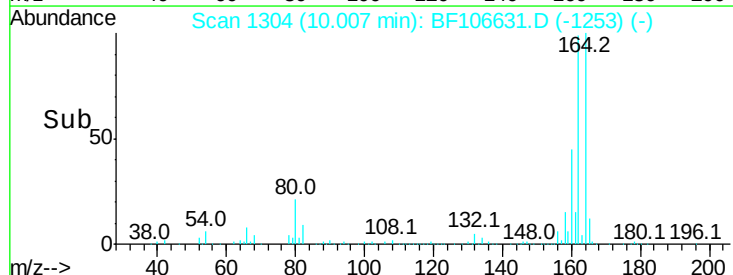
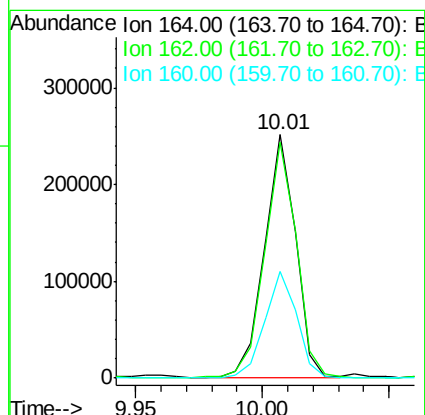
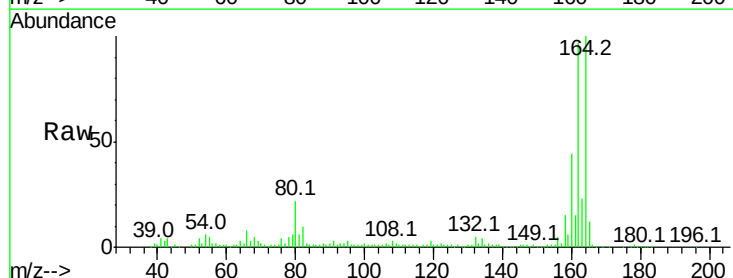
Manual Integrations
APPROVED

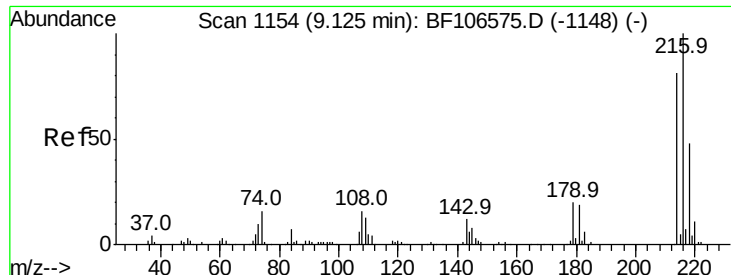
Sohil
6/21/2018 11:28:05 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	216109		
162	96.7		86.1	129.1
160	44.0		38.3	57.5





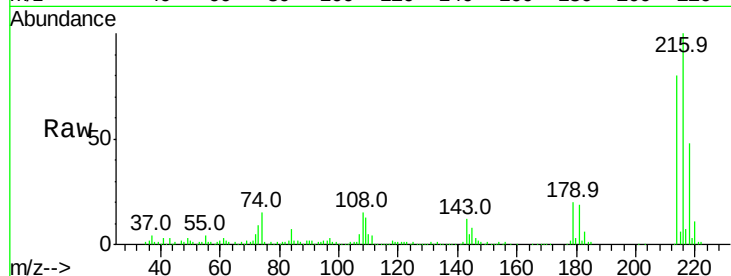
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.071 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

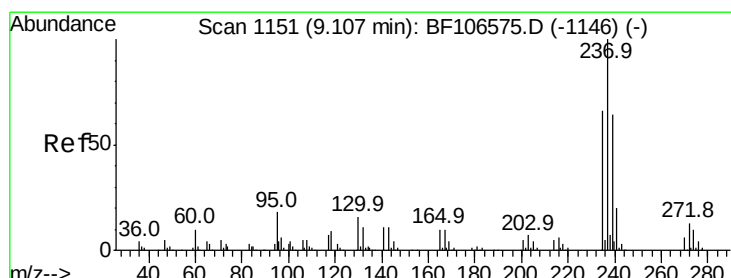
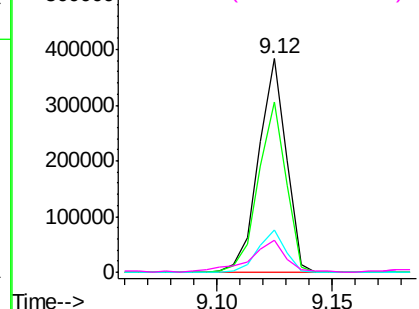
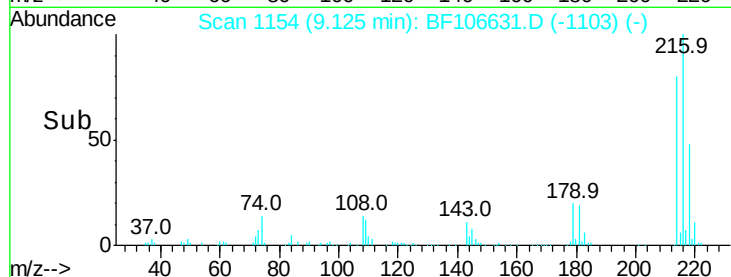
Tot Ion	Ratio	Resp	Lower	Upper
216	100	320746		
214	80.0	63.0	94.4	
179	19.8	18.1	27.1	
108	17.9	17.2	25.8	

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM

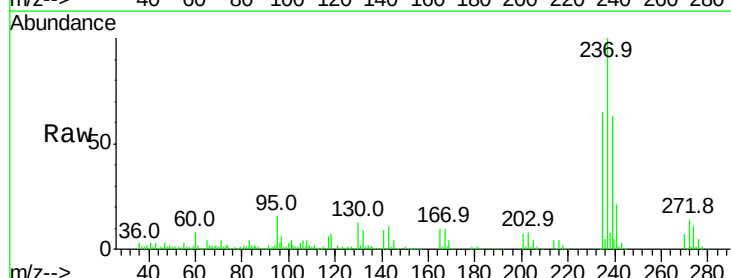


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

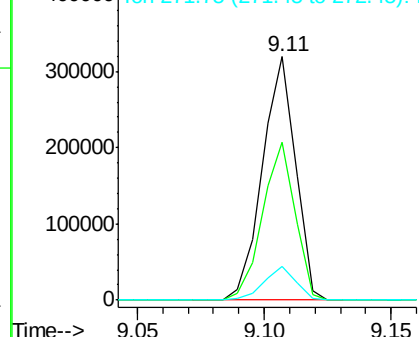
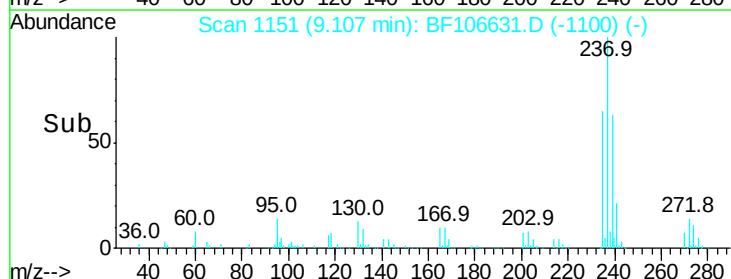


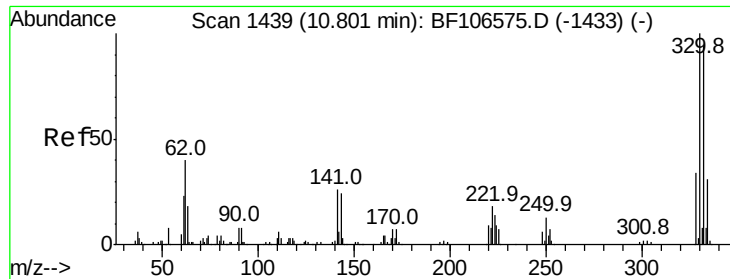
#40
Hexachlorocyclopentadiene
Concen: 77.375 ng
RT: 9.11 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	289725		
235	64.9	44.8	84.8	
272	14.0	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





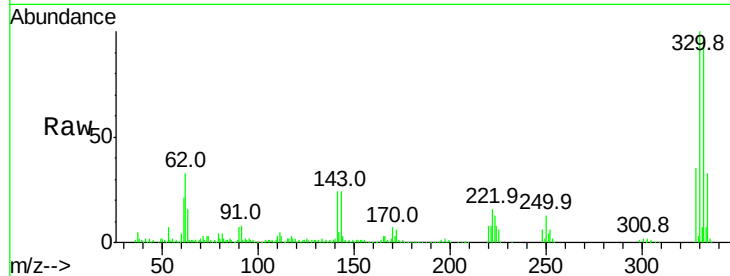
#41
 2,4,6-Tribromophenol
 Concen: 133.604 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

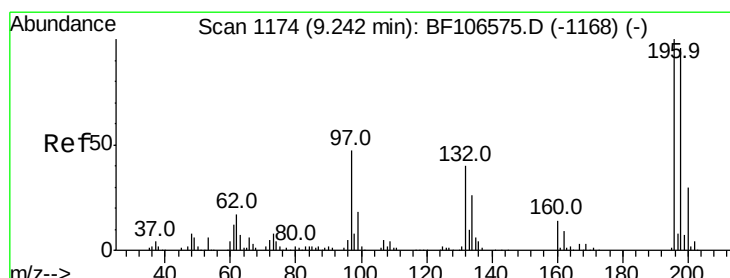
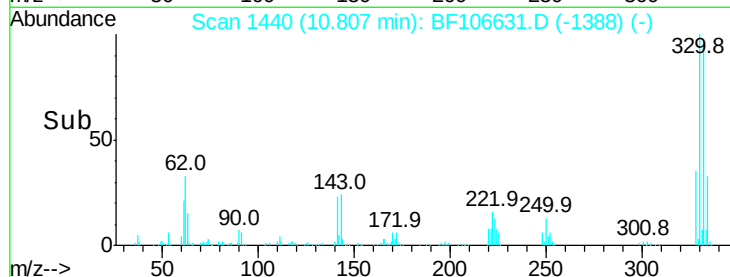
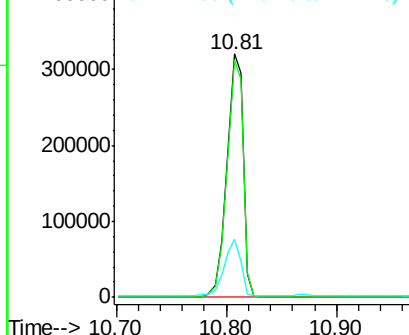
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	23.0	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM

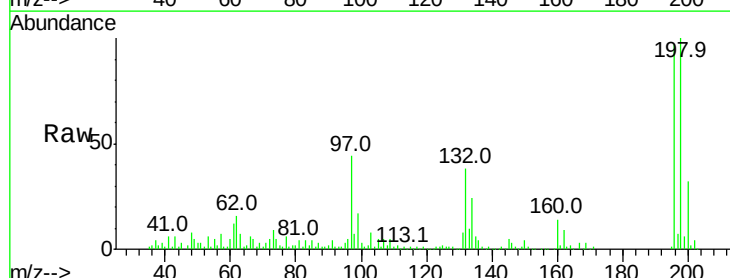


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

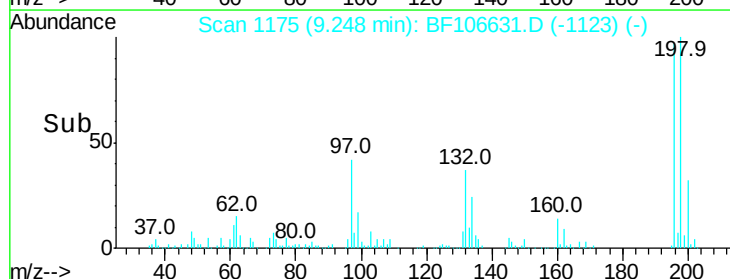
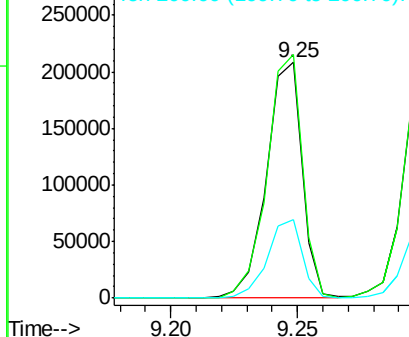


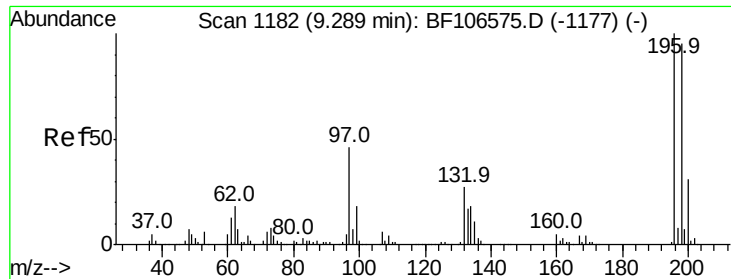
#42
 2,4,6-Trichlorophenol
 Concen: 42.023 ng
 RT: 9.25 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.4	75.7	113.5	
200	33.4	24.5	36.7	



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





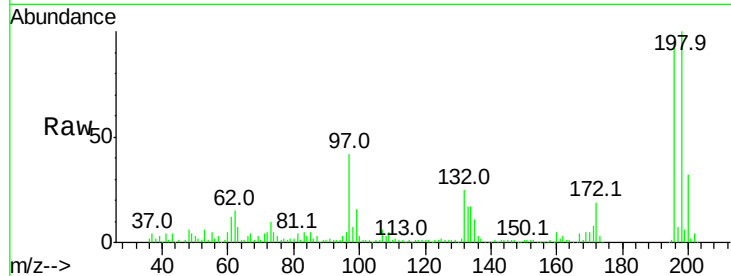
#43
 2,4,5-Trichlorophenol
 Concen: 41.804 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211026		
198	104.8	74.6	112.0	
97	43.7	42.9	64.3	
132	26.4	26.3	39.5	

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM



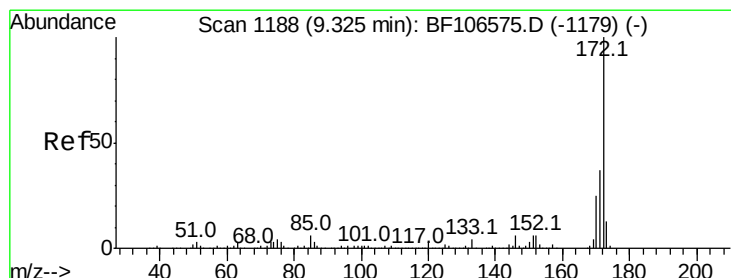
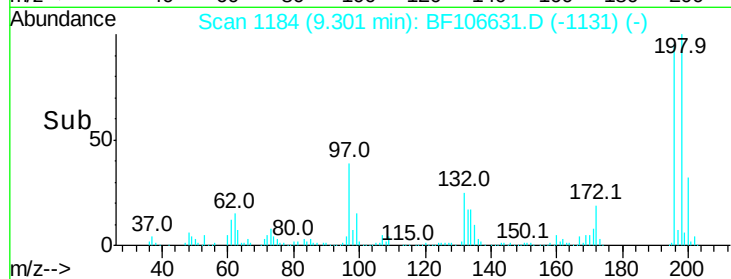
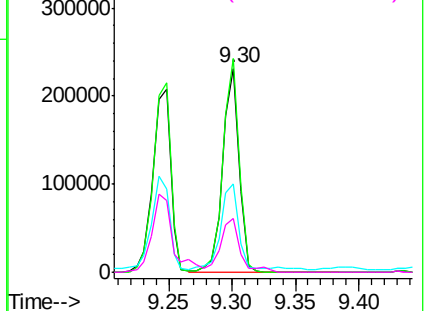
Abundance

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: 85.169 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

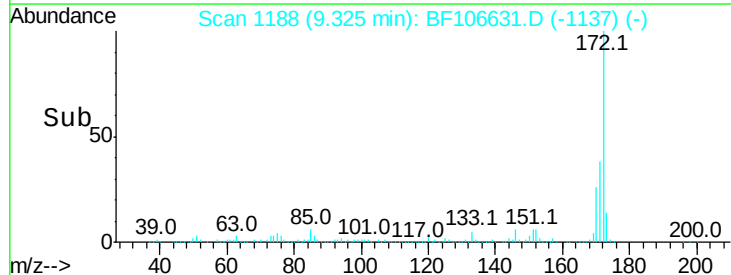
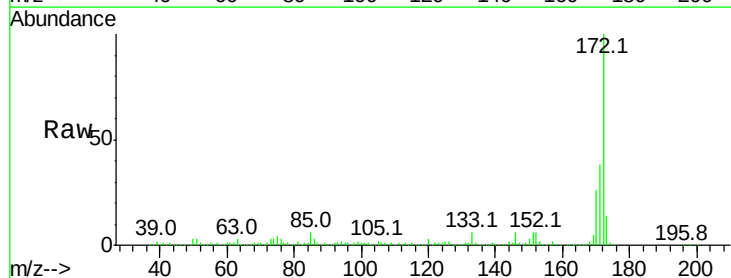
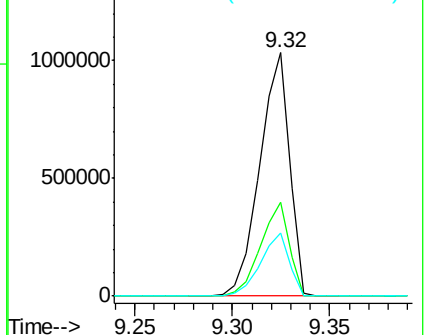
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1087039		
171	38.4	29.7	44.5	
170	25.9	19.6	29.4	

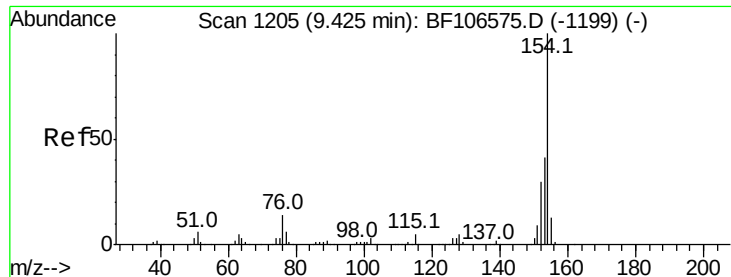
Abundance

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: 42.473 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

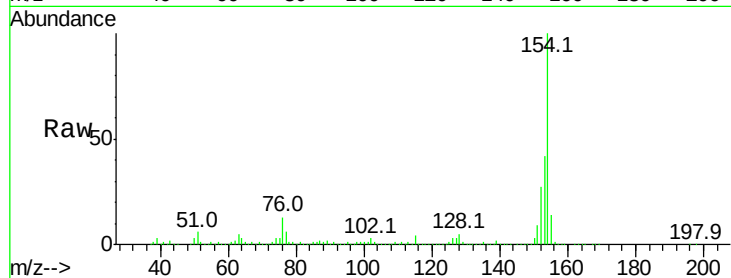
ClientSampled :

TPTW-04MSD

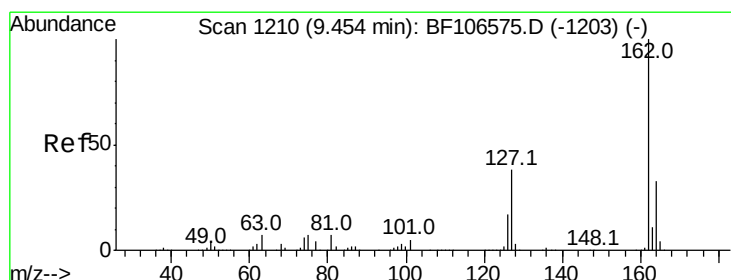
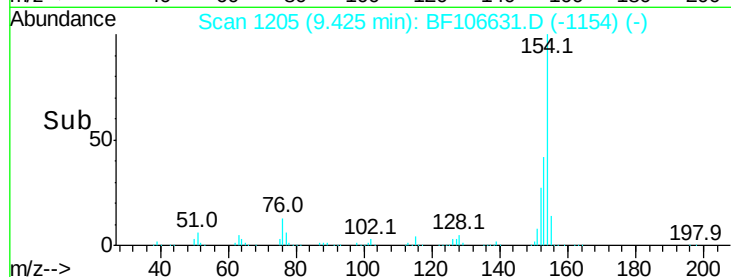
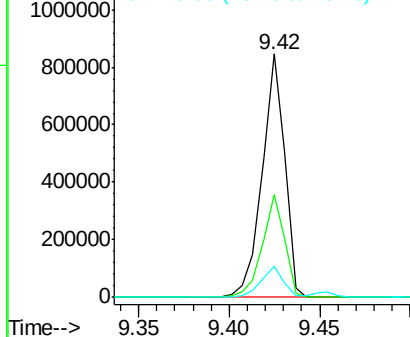
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.3	61.3
76	12.6	0.0	34.0

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 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: 40.588 ng

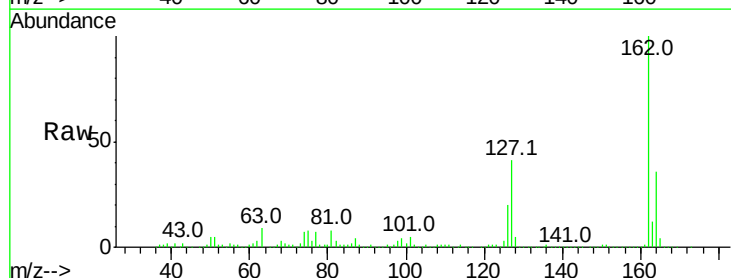
RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

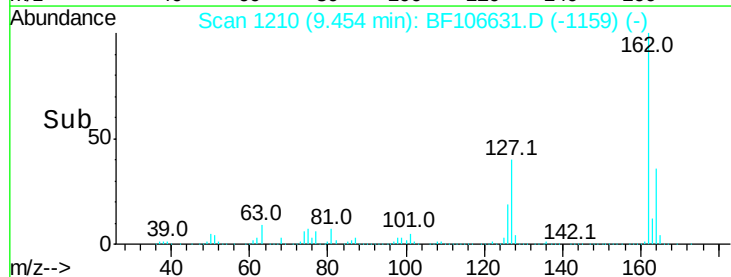
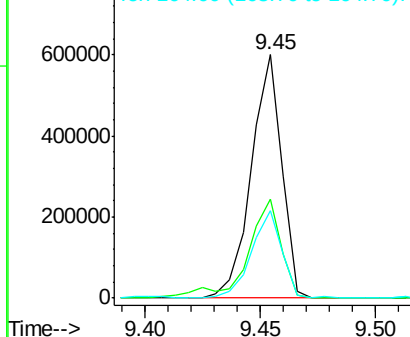
Lab File: BF106631.D

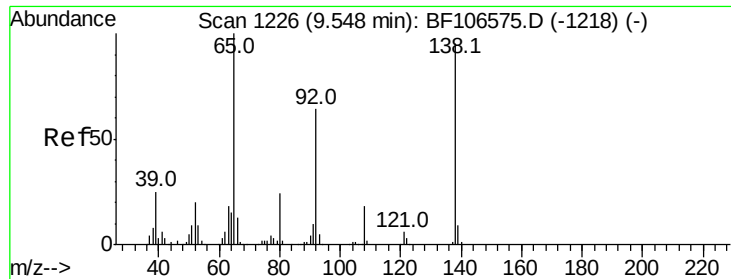
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	35.8	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





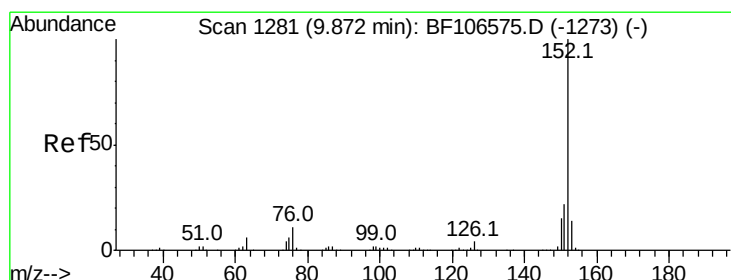
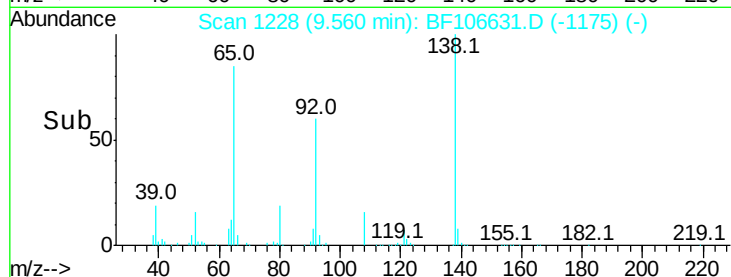
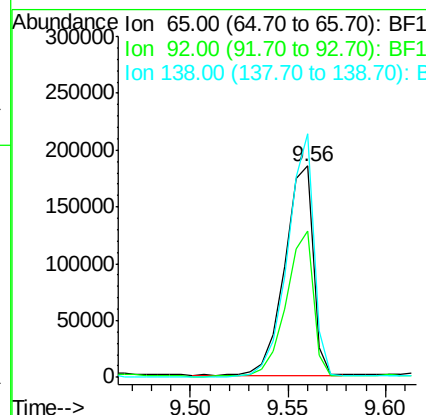
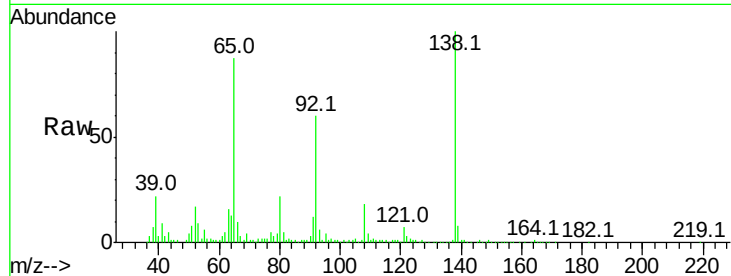
#47
2-Nitroaniline
Concen: 40.800 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	55.8	83.6
138	115.3	91.2	136.8

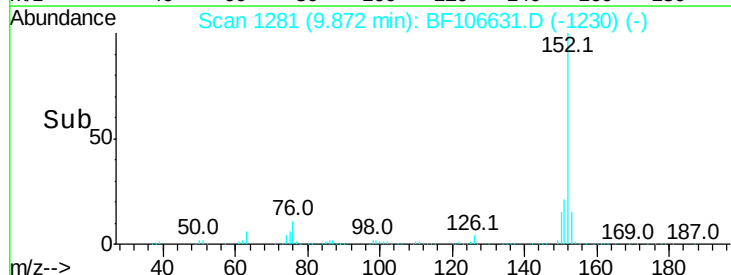
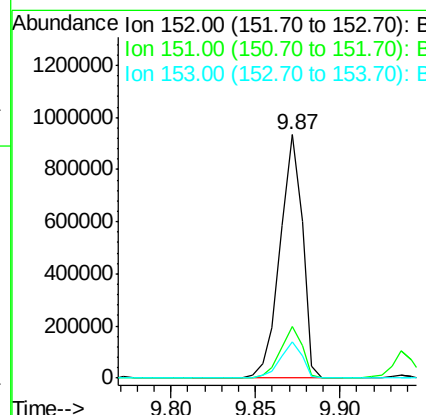
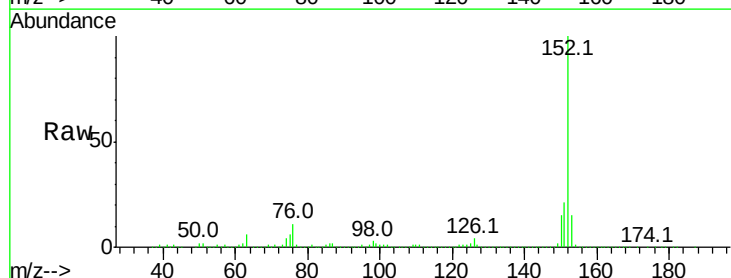
Manual Integrations
APPROVED

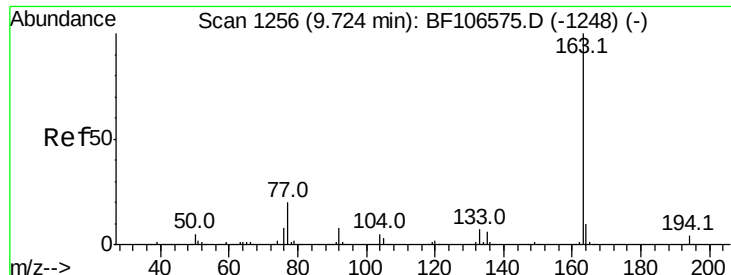
Sohil
6/21/2018 11:28:05 AM



#48
Acenaphthylene
Concen: 39.988 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	14.9	10.7	16.1





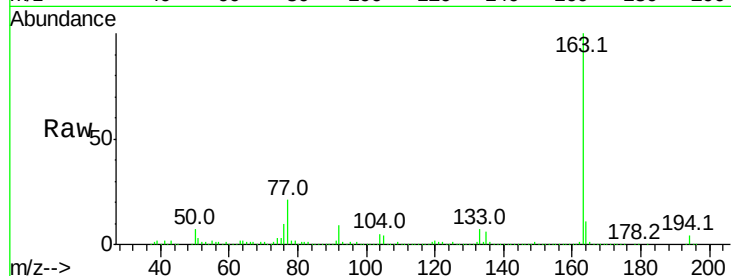
#49
Dimethylphthalate
Concen: 46.420 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

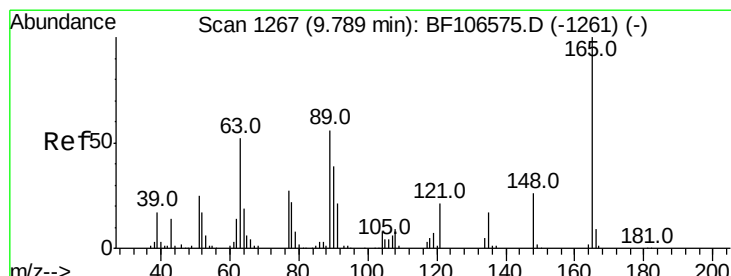
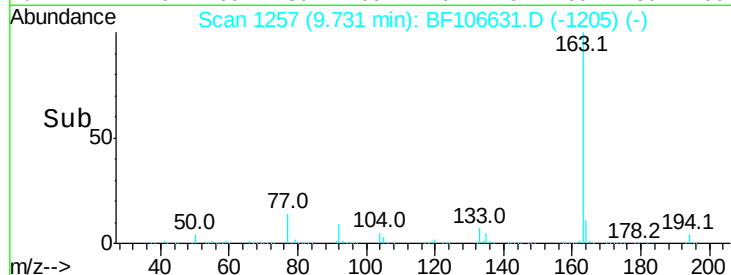
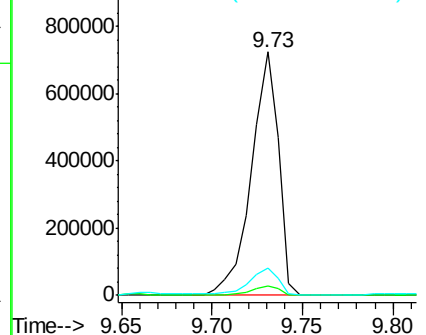
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.0	2.7	4.1
164	11.4	8.2	12.2

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM

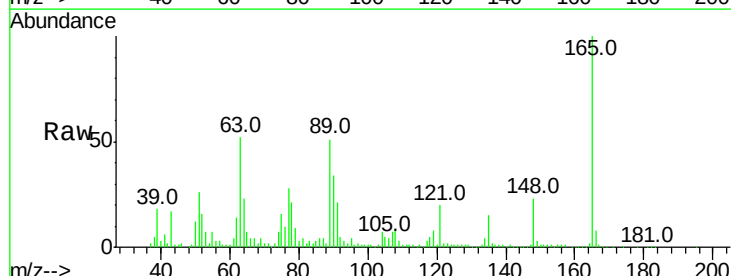


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

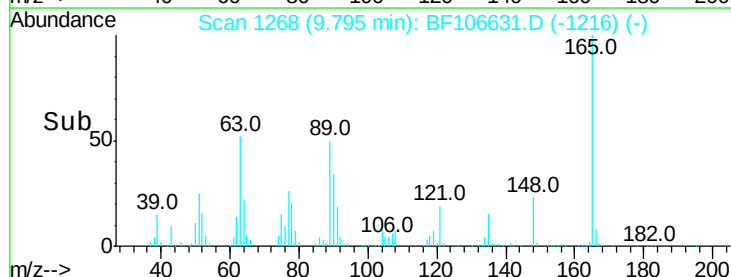
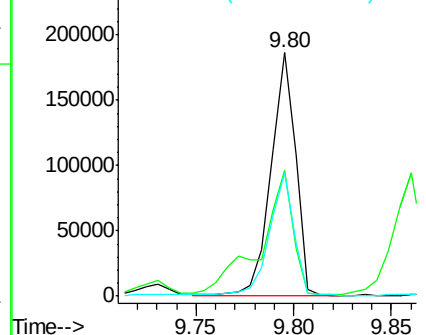


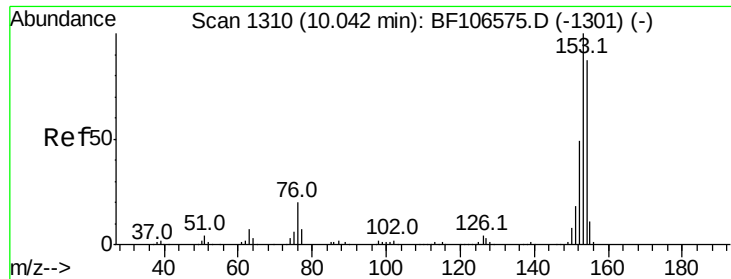
#50
2,6-Dinitrotoluene
Concen: 46.996 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	51.9	44.7	67.1
89	50.6	44.0	66.0



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





#51

Acenaphthene

Concen: 39.434 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

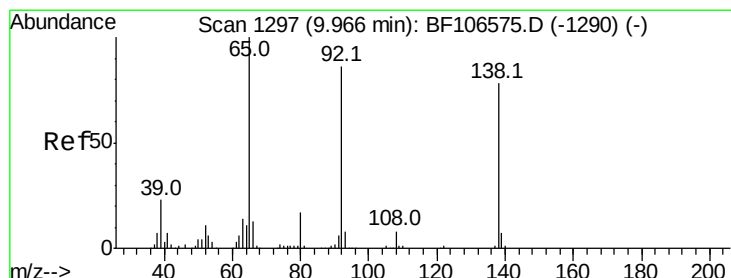
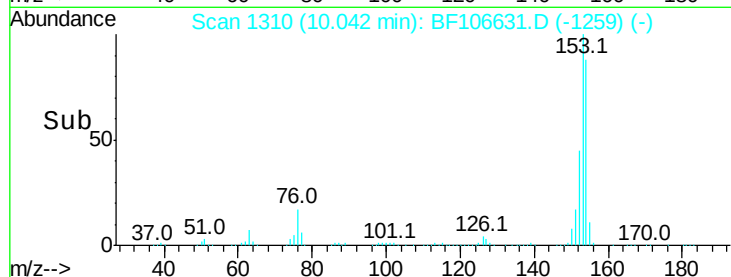
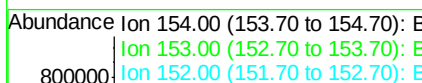
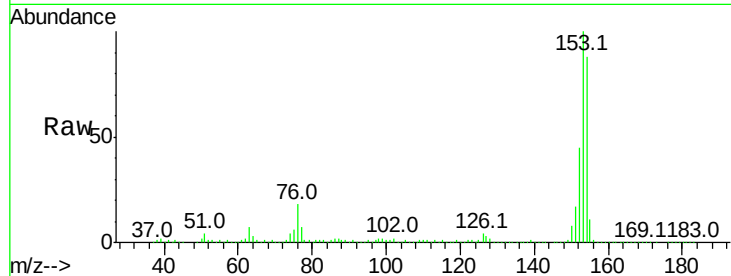
ClientSampleId :

TPTW-04MSD

Tot Ion:	154	Resp:	531487
Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	50.9	43.8	65.8

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#52

3-Nitroaniline

Concen: 21.883 ng

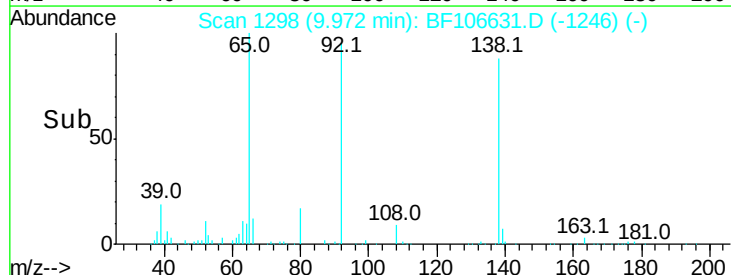
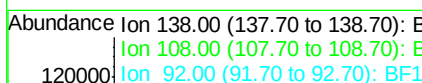
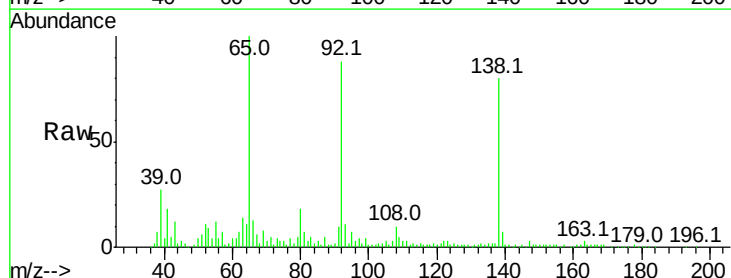
RT: 9.97 min Scan# 1298

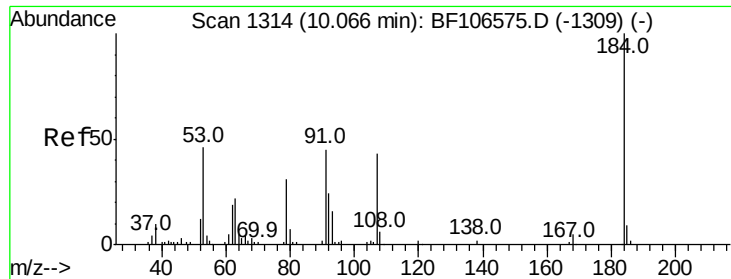
Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	138	Resp:	86426
Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.4	14.0
92	109.8	89.4	134.2





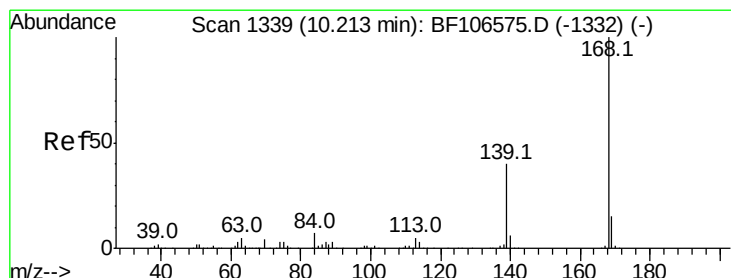
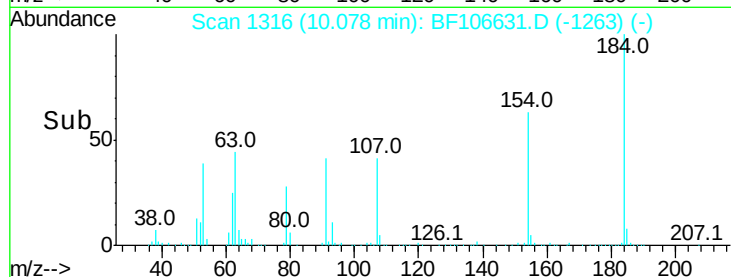
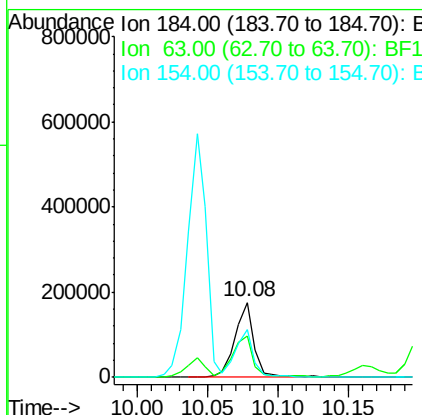
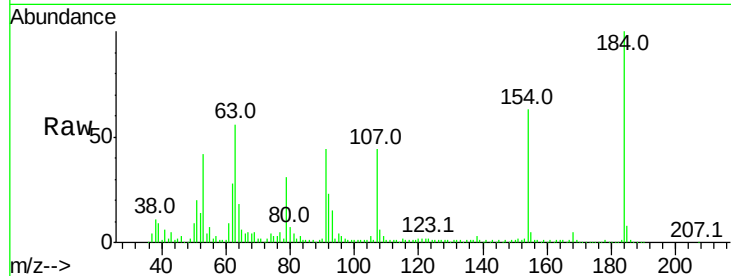
#53
2,4-Dinitrophenol
Concen: 92.632 ng
RT: 10.08 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	166917		
63	56.0	54.2	81.2	
154	63.5	184.0	276.0	

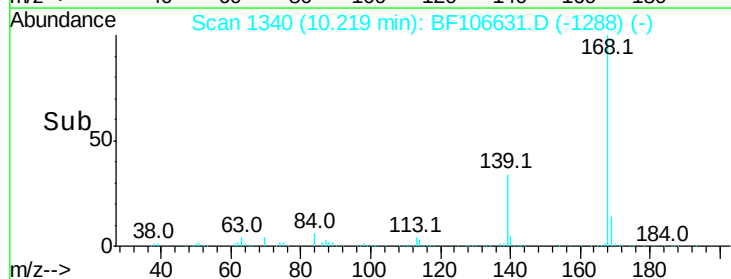
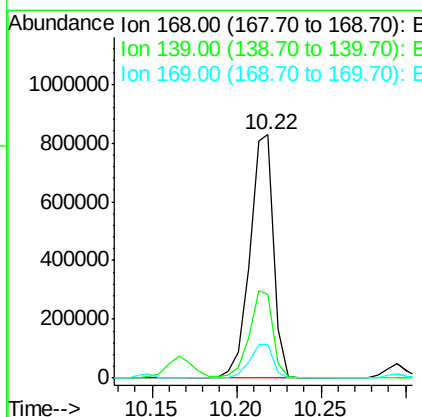
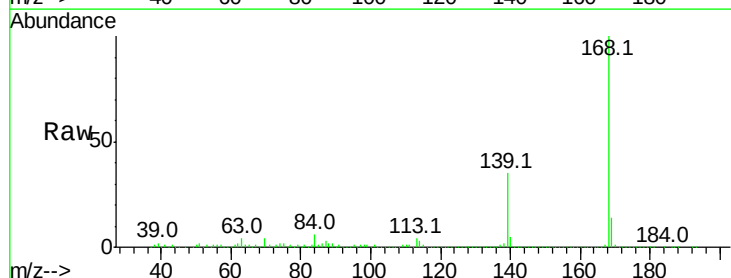
Manual Integrations
APPROVED

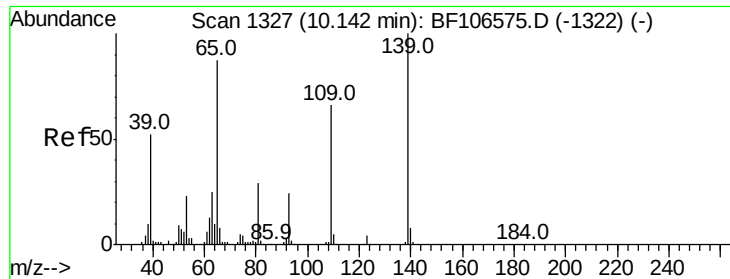
Sohil
6/21/2018 11:28:05 AM



#54
Dibenzofuran
Concen: 43.841 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	809108		
139	34.6	30.1	45.1	
169	13.8	10.9	16.3	





#55

4-Nitrophenol

Concen: 27.799 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

Tot Ion:139 Resp: 76638

Ion Ratio Lower Upper

139 100

109 75.2 48.4 88.4

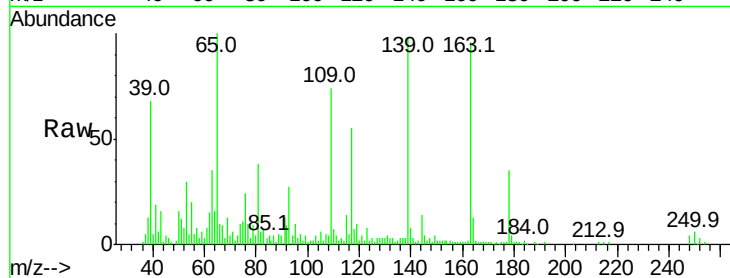
65 102.2 72.6 112.6

Manual Integrations

APPROVED

Sohil

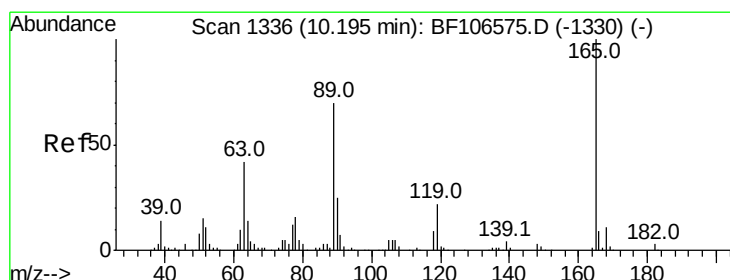
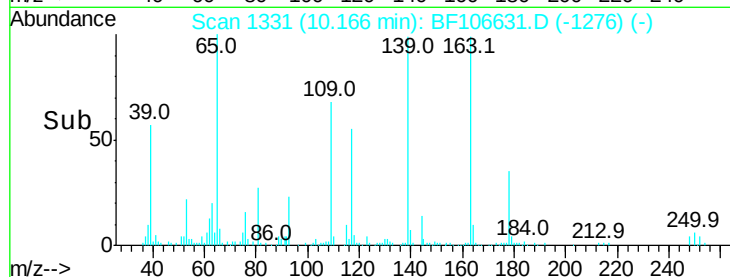
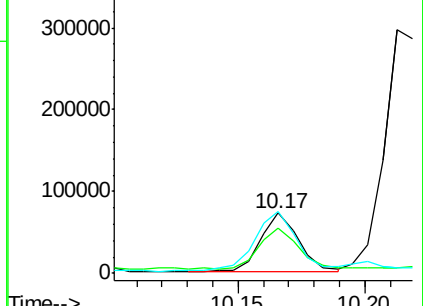
6/21/2018 11:28:05 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 46.255 ng

RT: 10.20 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:165 Resp: 207219

Ion Ratio Lower Upper

165 100

63 40.3 36.4 54.6

89 63.6 57.8 86.6

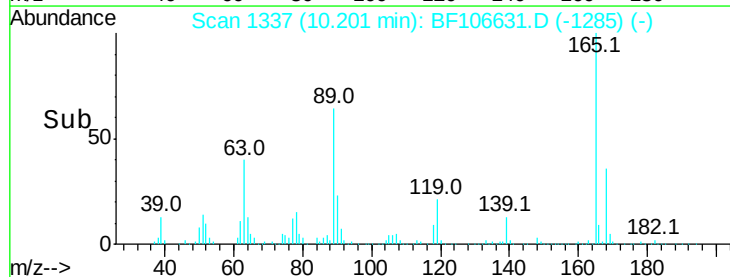
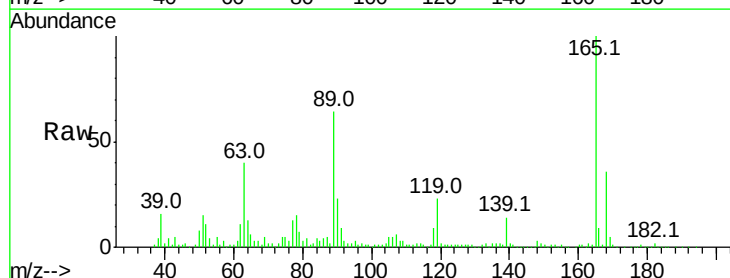
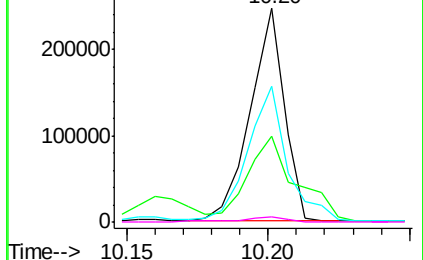
182 2.5 1.6 2.4#

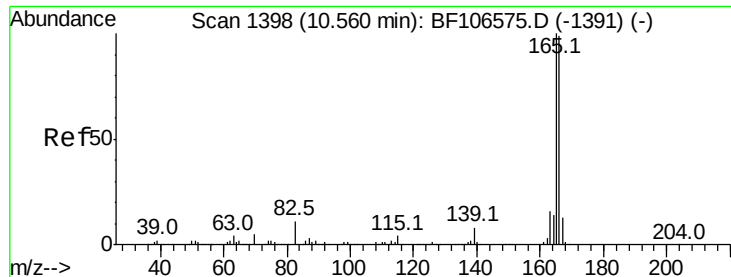
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.287 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

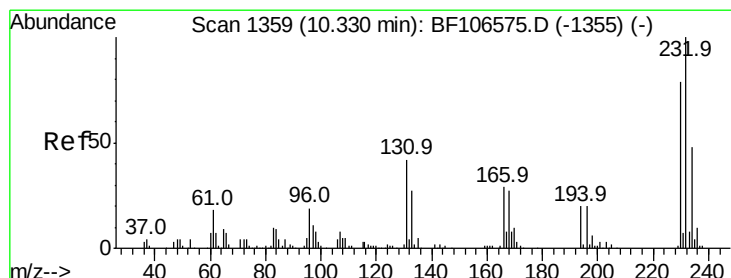
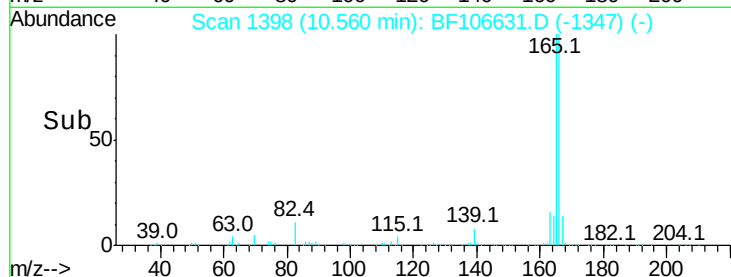
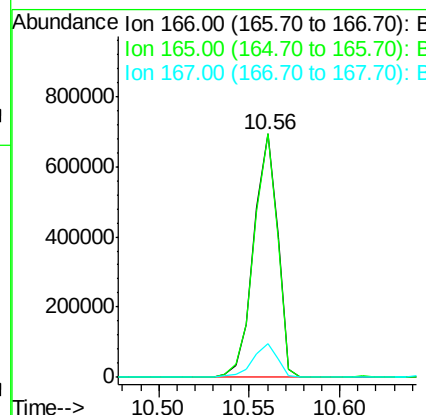
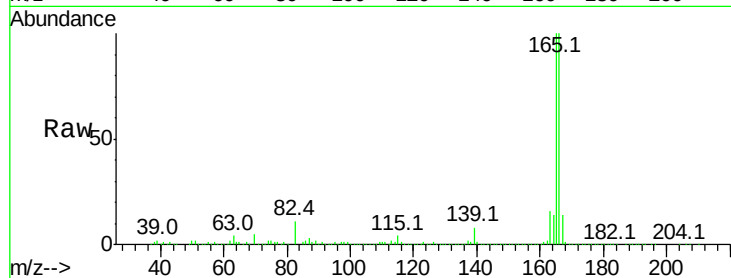
ClientSampleId :

TPTW-04MSD

Tot Ion:	166	Resp:	633946
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.8	119.8
167	14.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.551 ng

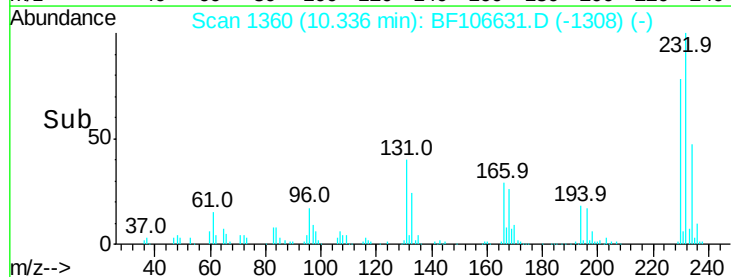
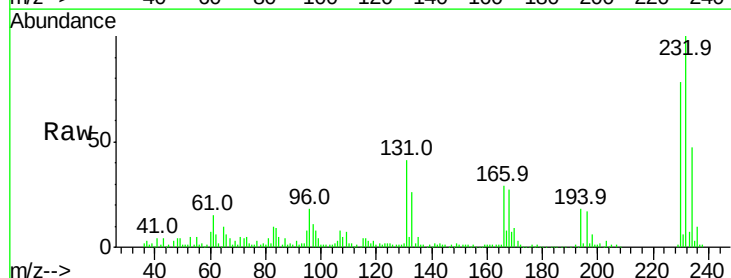
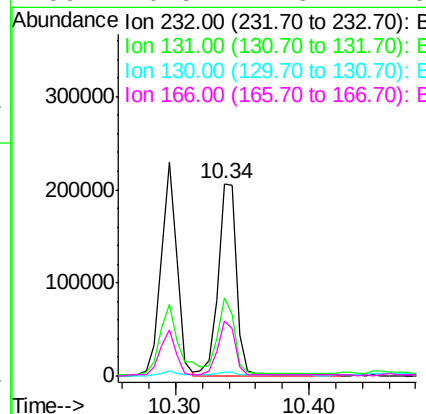
RT: 10.34 min Scan# 1360

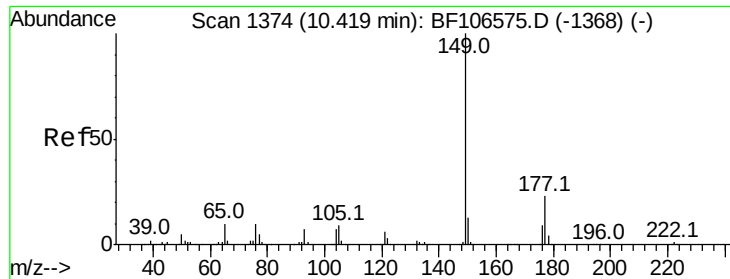
Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	232	Resp:	202847
Ion Ratio	Lower	Upper	
232	100		
131	35.2	43.8	65.8#
130	1.5	2.1	3.1#
166	26.5	27.8	41.6#





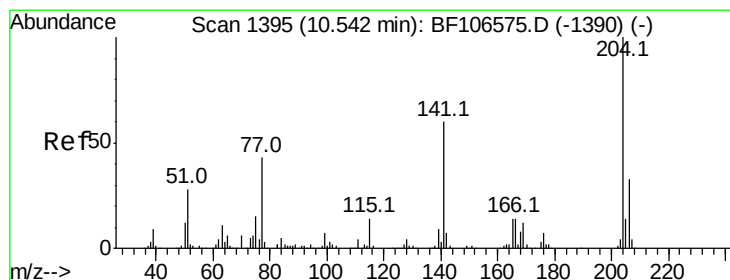
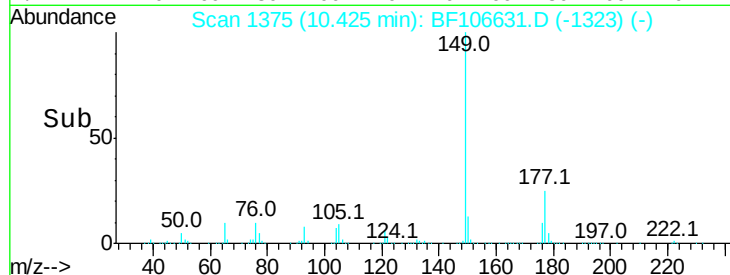
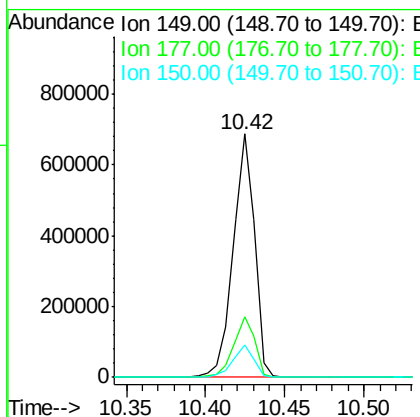
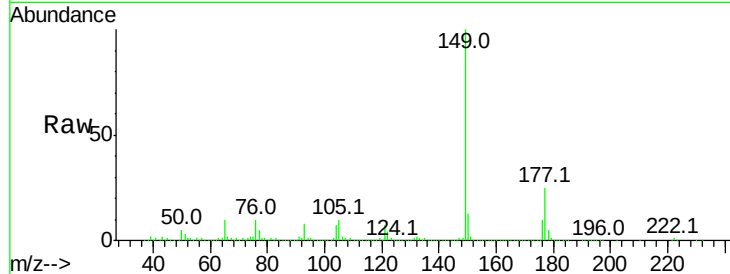
#59
Diethylphthalate
Concen: 40.636 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	16.1	24.1#
150	13.3	10.1	15.1

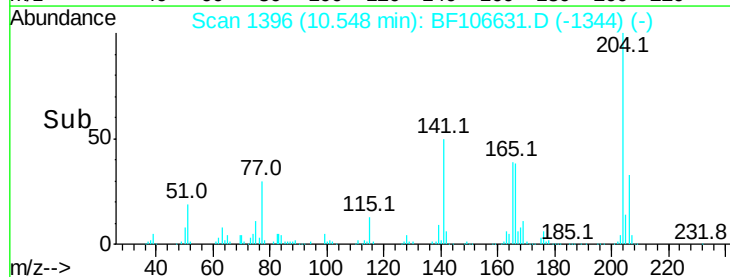
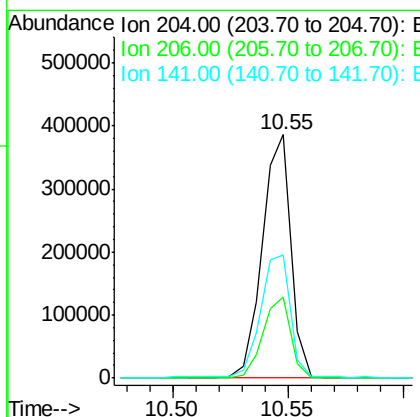
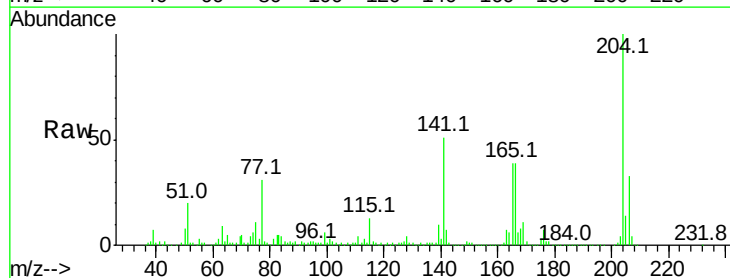
Manual Integrations
APPROVED

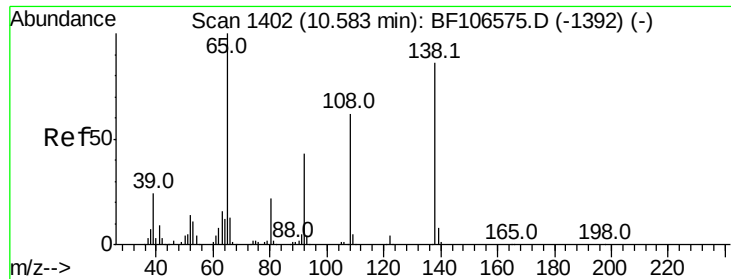
Sohil
6/21/2018 11:28:05 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.246 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	50.8	54.6	81.8#





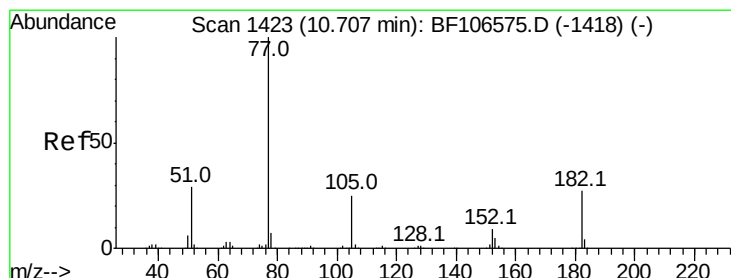
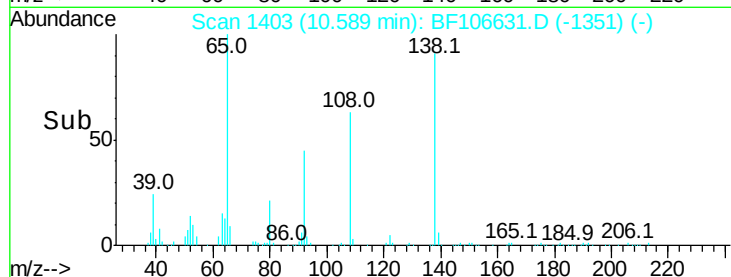
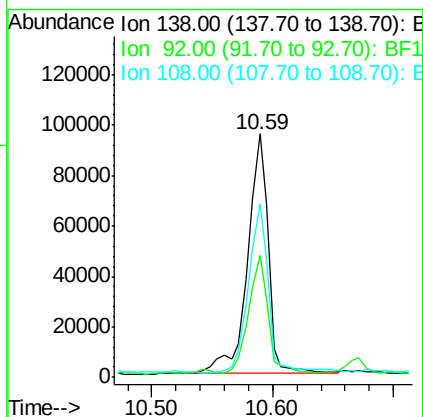
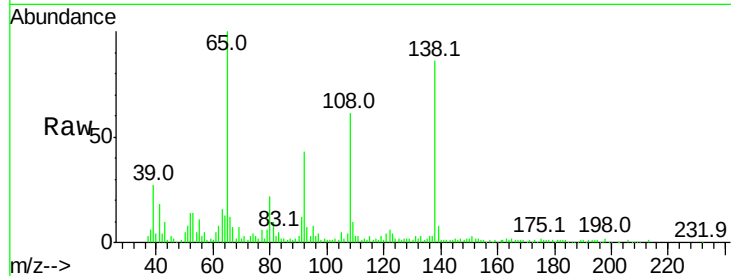
#61
4-Nitroaniline
Concen: 29.197 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	71.2	52.5	92.5

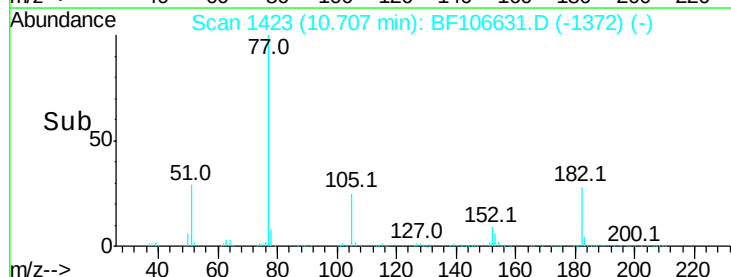
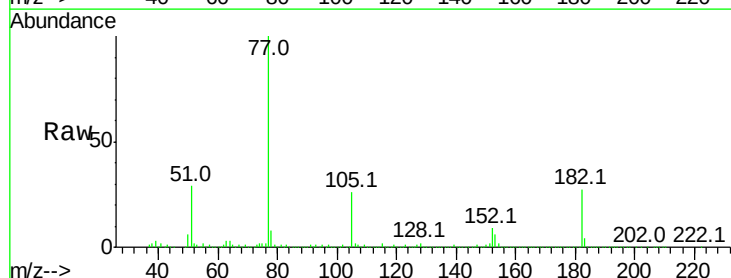
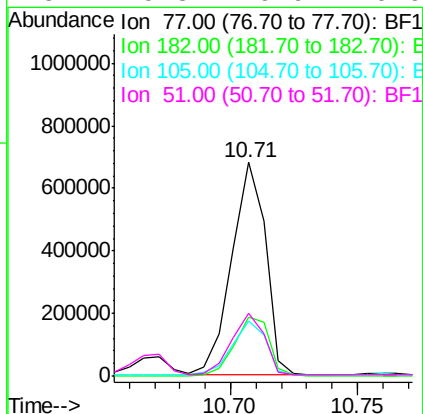
Manual Integrations
APPROVED

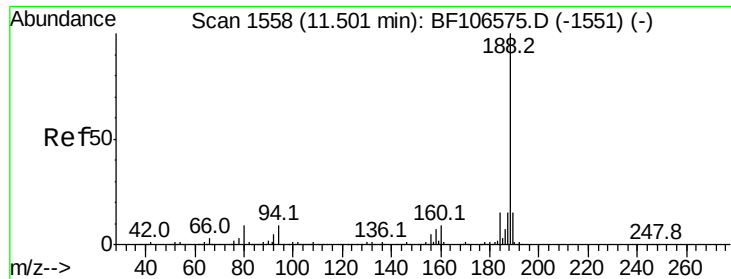
Sohil
6/21/2018 11:28:05 AM



#62
Azobenzene
Concen: 40.508 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.3	1.7	41.7
105	25.5	3.0	43.0
51	29.3	9.9	49.9





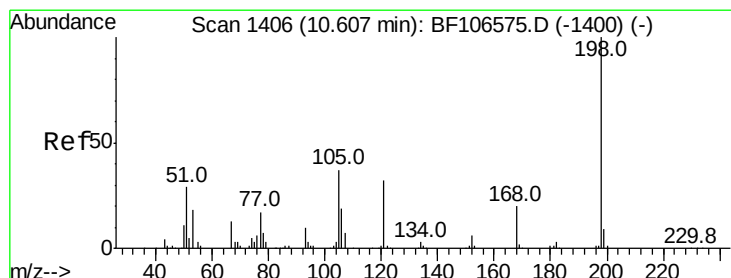
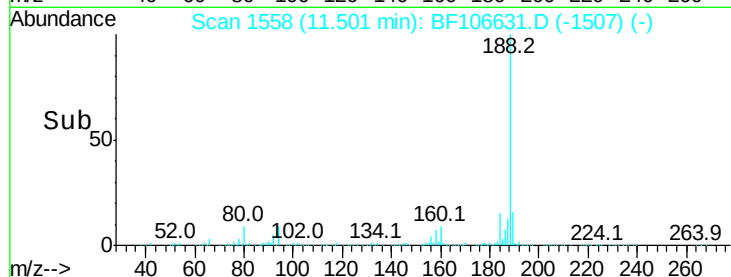
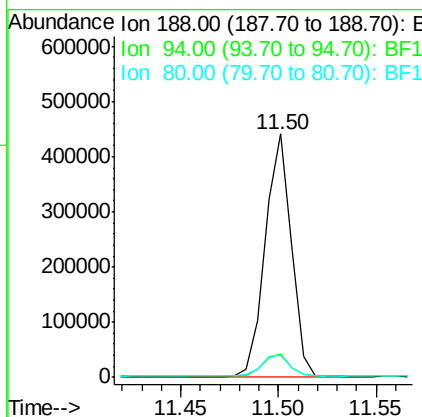
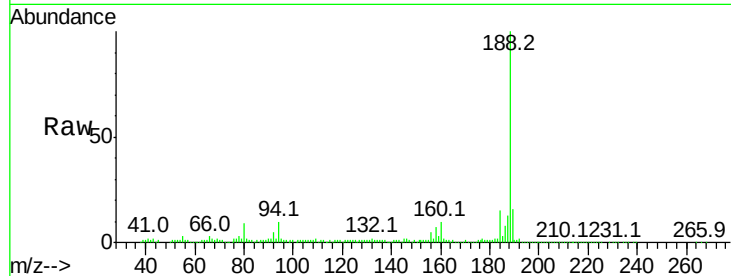
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	407838		
94	9.5		8.5	12.7
80	9.3		9.2	13.8

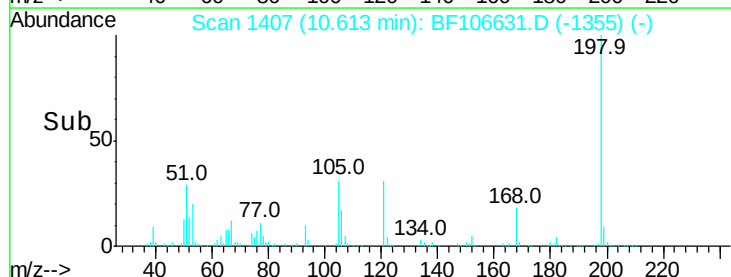
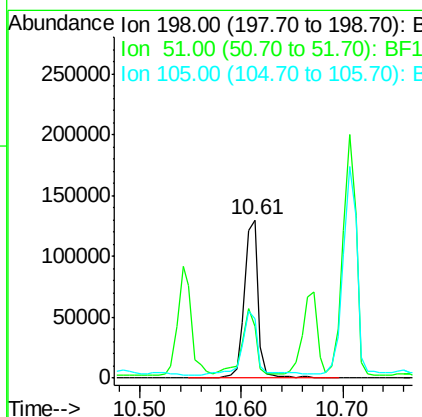
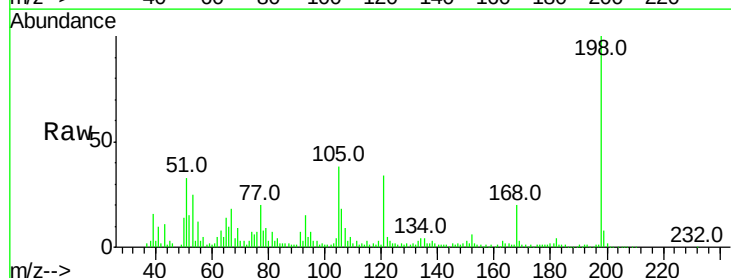
Manual Integrations
APPROVED

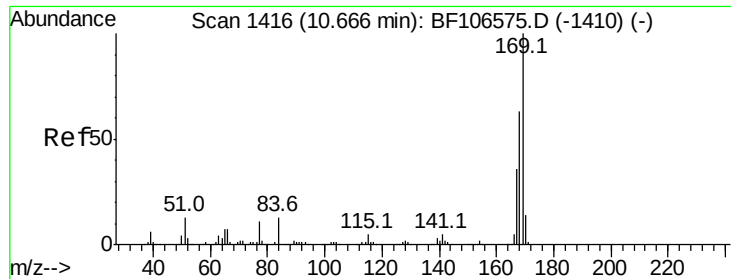
Sohil
6/21/2018 11:28:05 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.323 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	124346		
51	33.0		37.7	77.7#
105	37.7		36.3	76.3





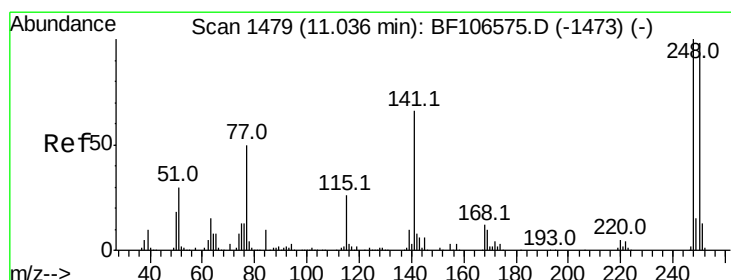
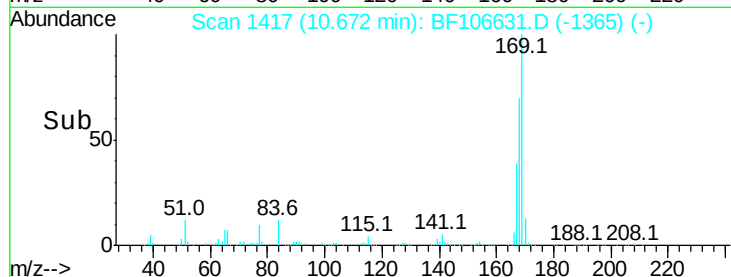
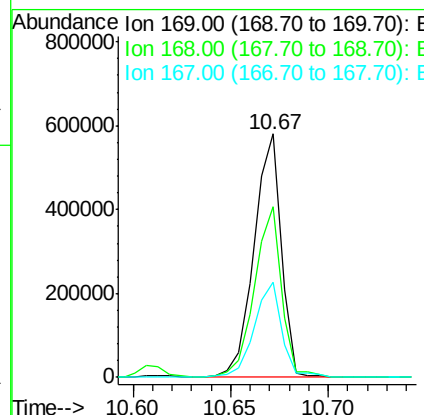
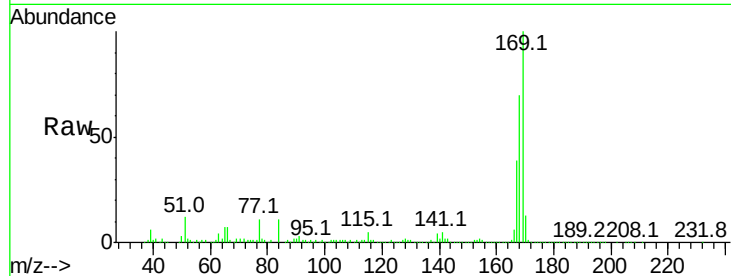
#65
n-Nitrosodiphenylamine
Concen: 40.642 ng
RT: 10.67 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	557515		
168	69.9		54.4	81.6
167	39.1		29.8	44.6

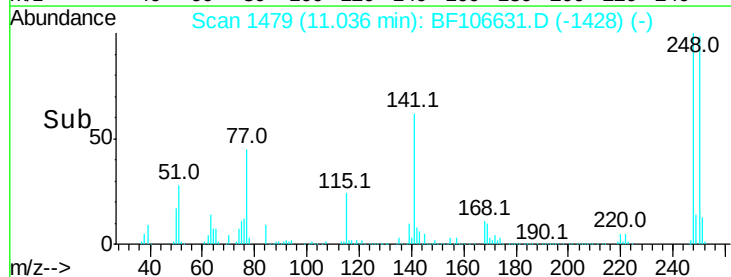
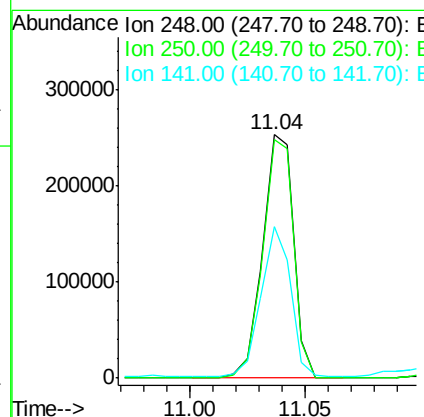
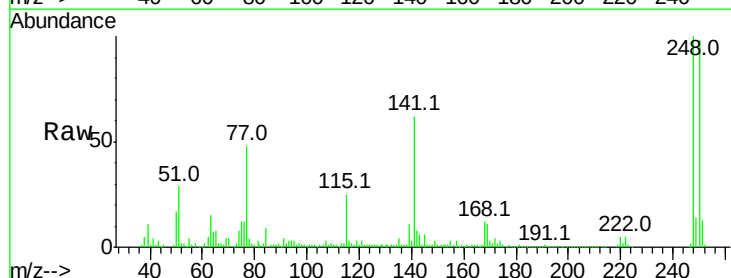
Manual Integrations
APPROVED

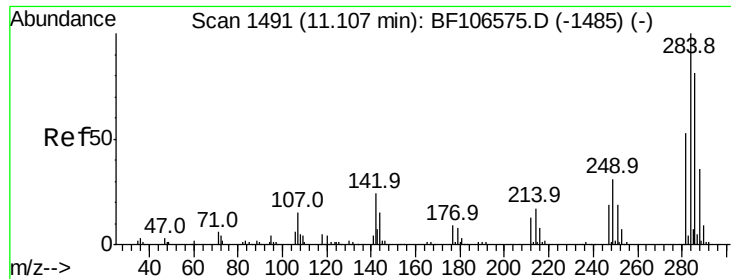
Sohil
6/21/2018 11:28:05 AM



#66
4-Bromophenyl-phenylether
Concen: 48.678 ng
RT: 11.04 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	236931		
250	98.1		76.9	115.3
141	62.3		74.4	111.6





#67

Hexachlorobenzene

Concen: 49.863 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TPTW-04MSD

Tot Ion:284 Resp: 254018
Ion Ratio Lower Upper

284 100

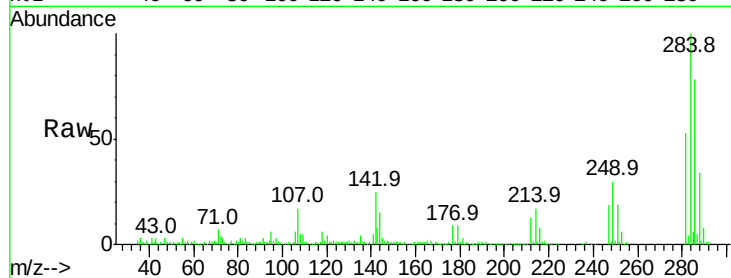
142 25.1 34.6 52.0#

249 30.1 24.8 37.2

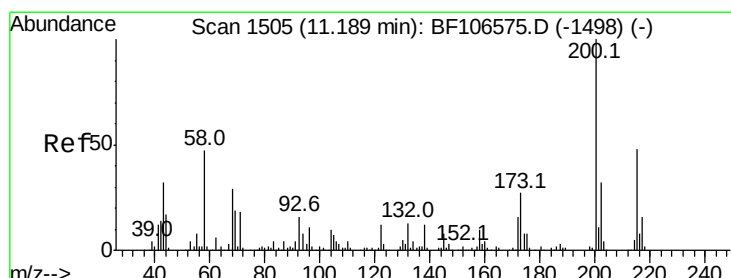
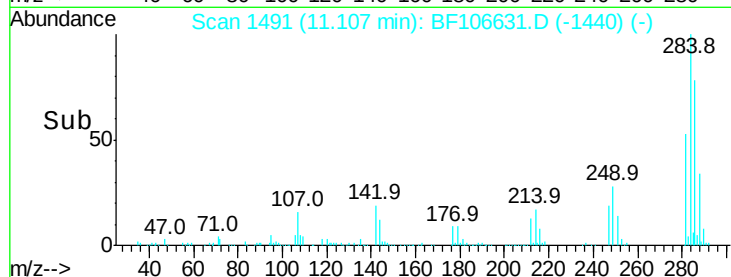
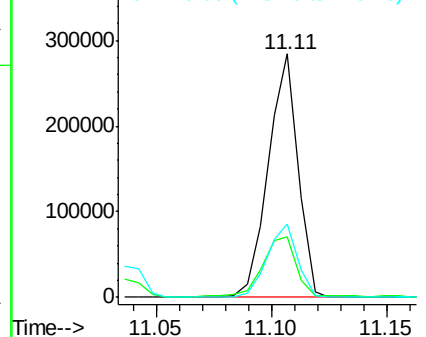
Manual Integrations
APPROVED

Sohil

6/21/2018 11:28:05 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.300 ng

RT: 11.23 min Scan# 1512

Delta R.T. 0.04 min

Lab File: BF106631.D

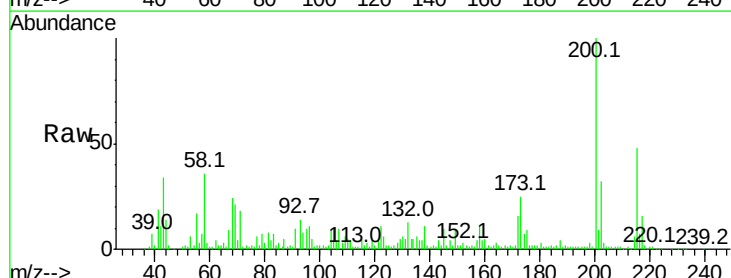
Acq: 20 Jun 2018 20:34

Tgt Ion:200 Resp: 105972
Ion Ratio Lower Upper

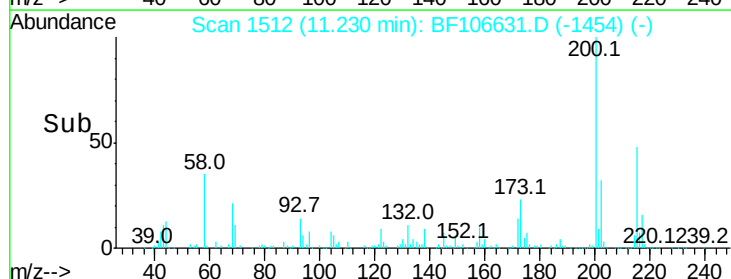
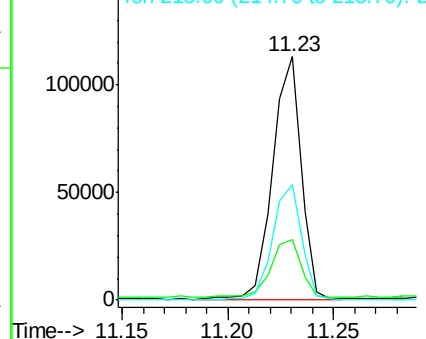
200 100

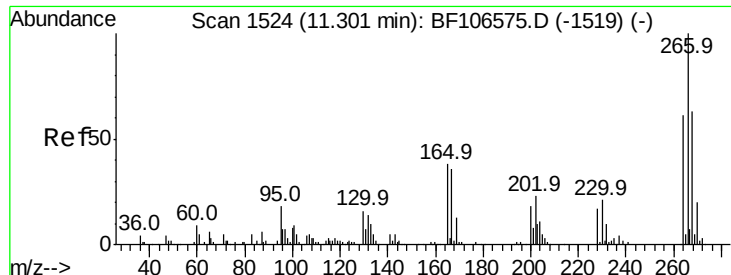
173 24.7 8.6 48.6

215 47.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





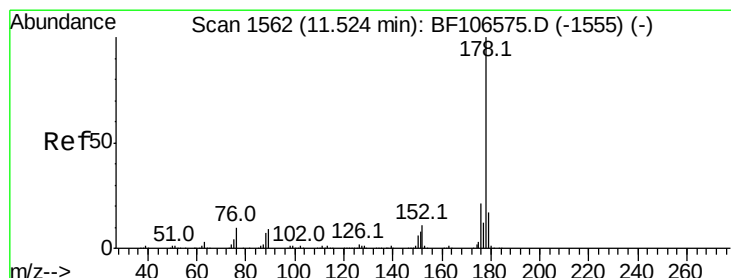
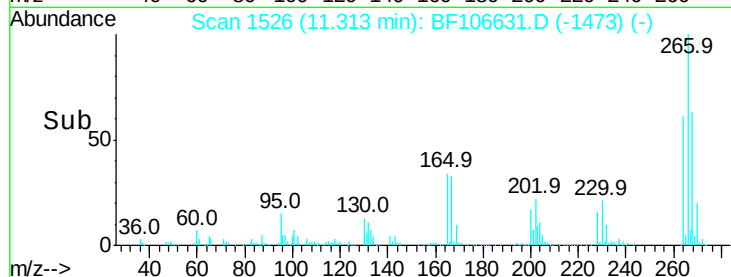
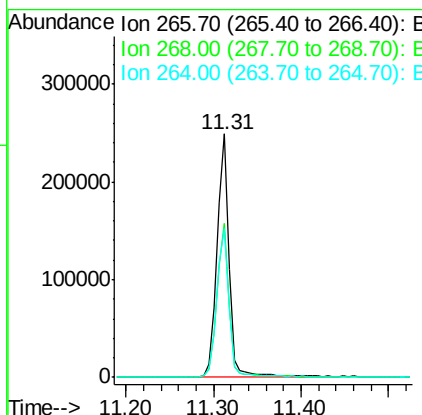
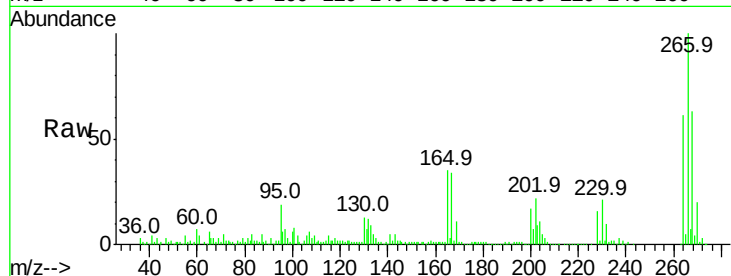
#69
 Pentachlorophenol
 Concen: 95.696 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	61.3	49.5	74.3

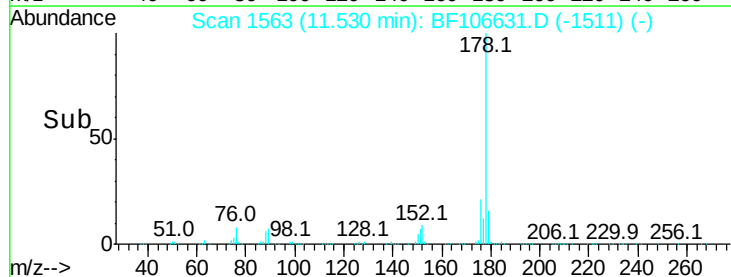
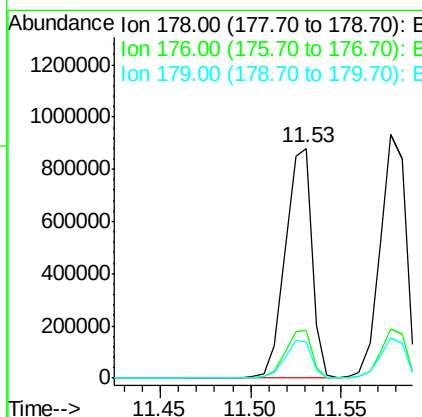
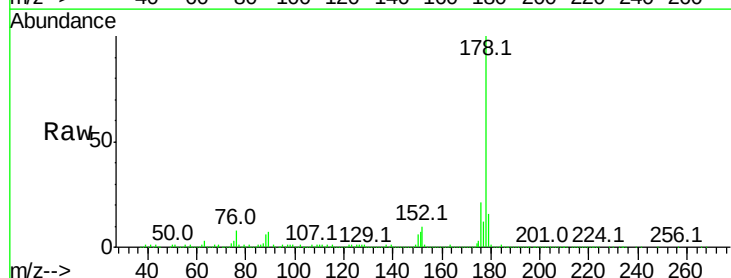
Manual Integrations
 APPROVED

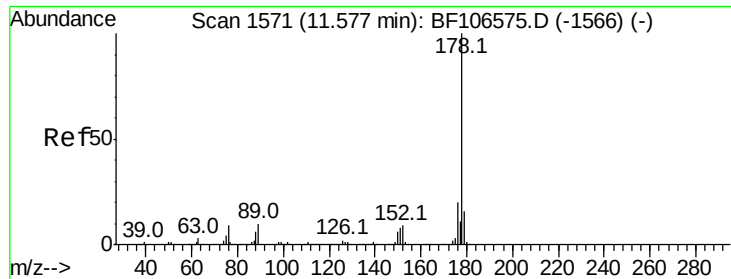
Sohil
 6/21/2018 11:28:05 AM



#70
 Phenanthrene
 Concen: 45.659 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.8	13.0	19.6





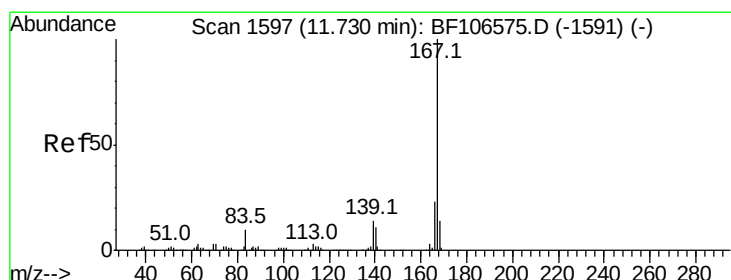
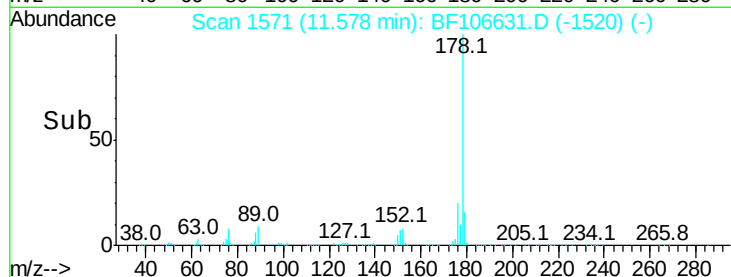
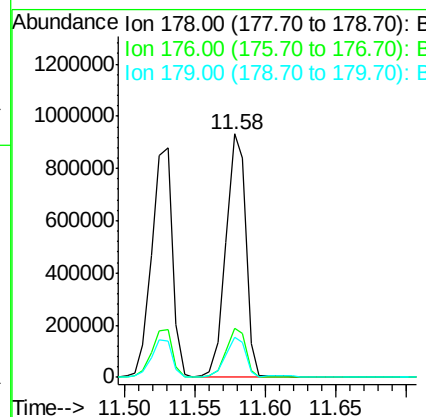
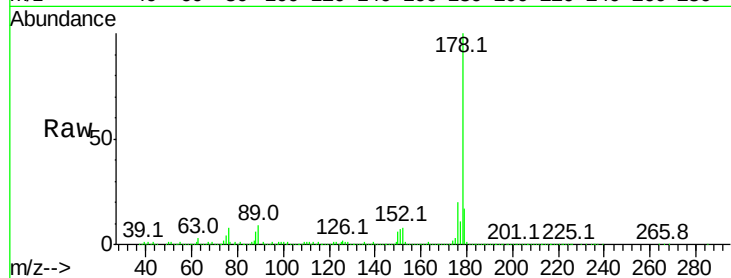
#71
 Anthracene
 Concen: 45.543 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.5	12.6	19.0

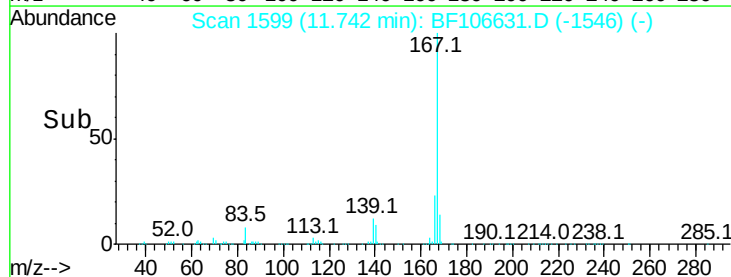
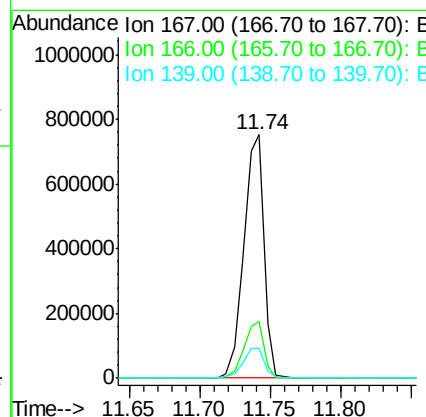
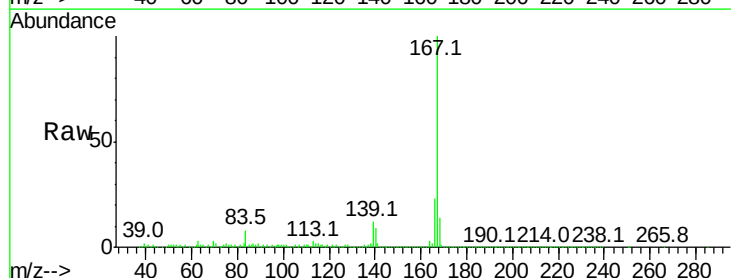
Manual Integrations
 APPROVED

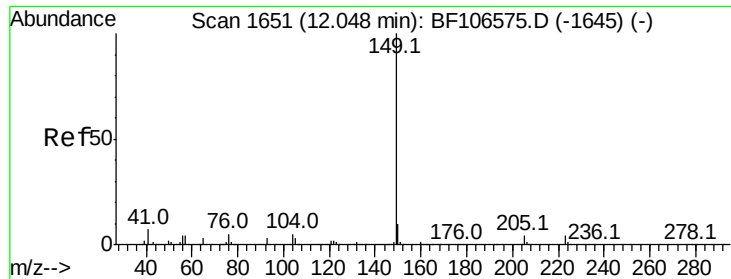
Sohil
 6/21/2018 11:28:05 AM



#72
 Carbazole
 Concen: 39.159 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.339 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

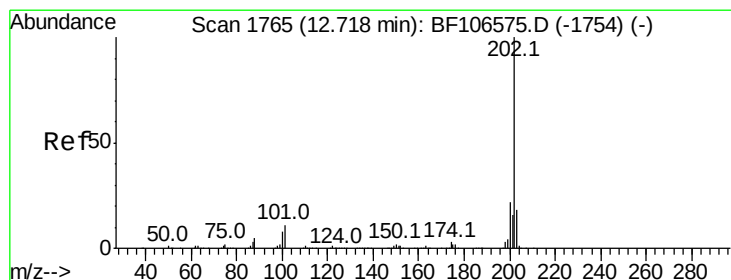
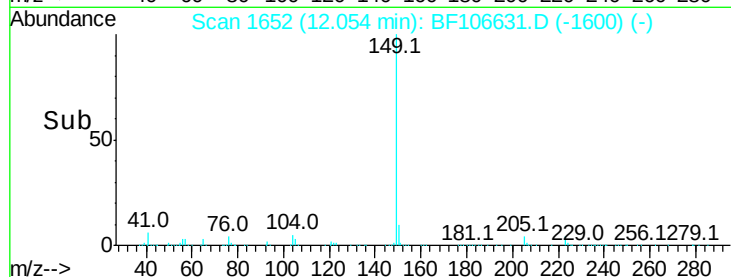
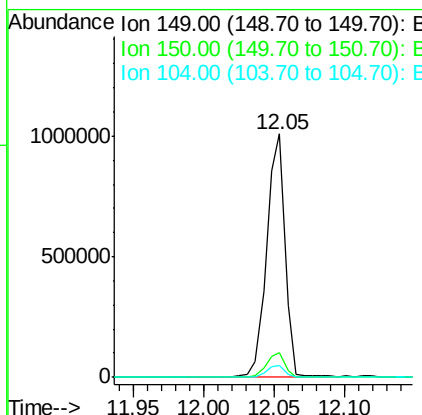
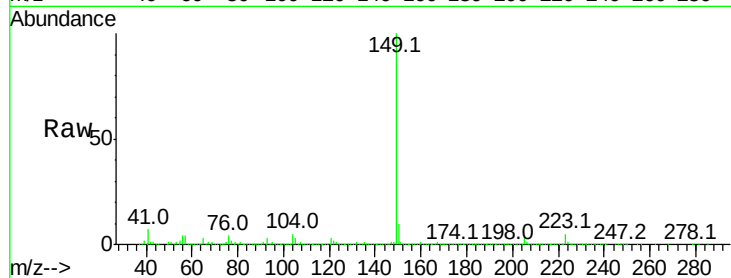
ClientSampleId :

TPTW-04MSD

Tot Ion:	149	Resp:	915487
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#74

Fluoranthene

Concen: 40.487 ng

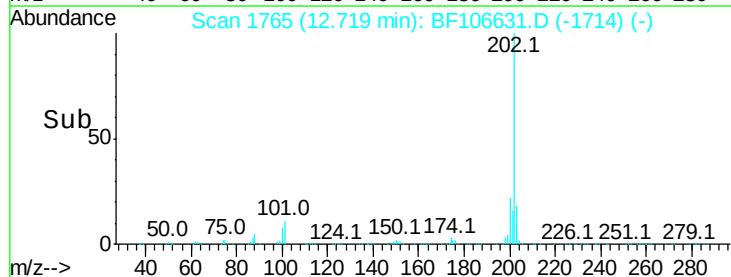
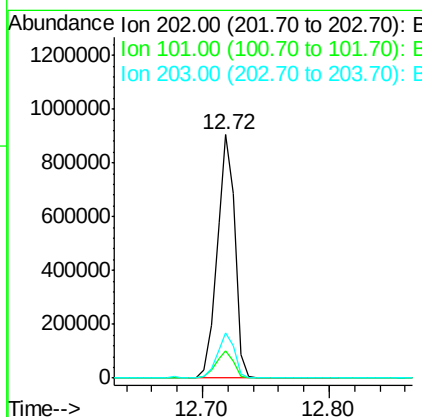
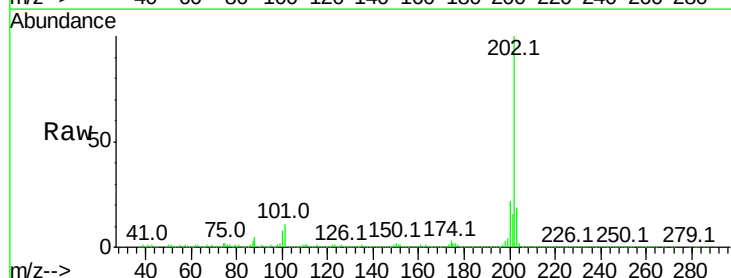
RT: 12.72 min Scan# 1765

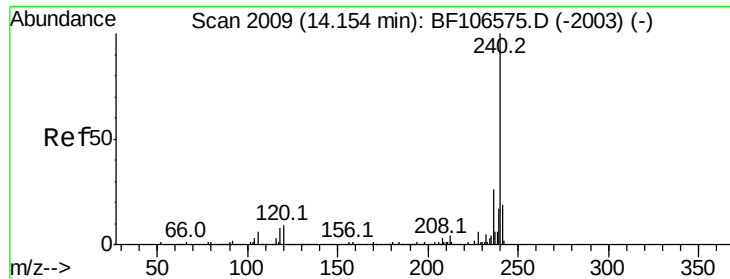
Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	202	Resp:	877813
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	34.1
203	18.6	0.0	38.1





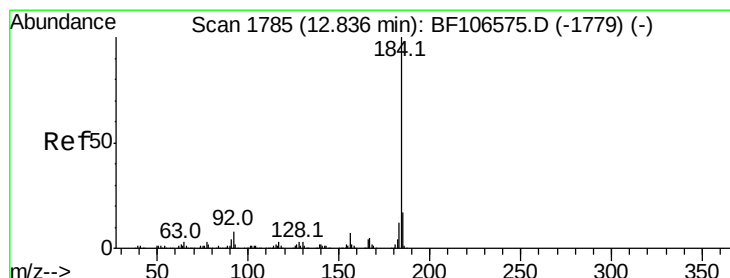
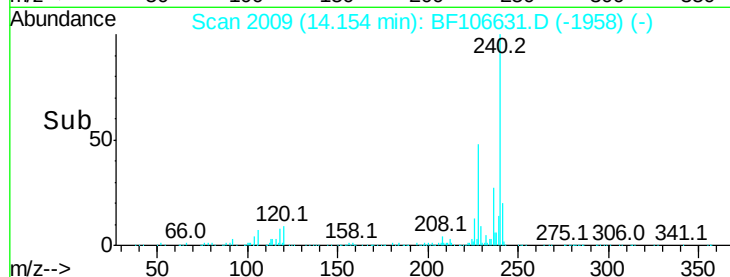
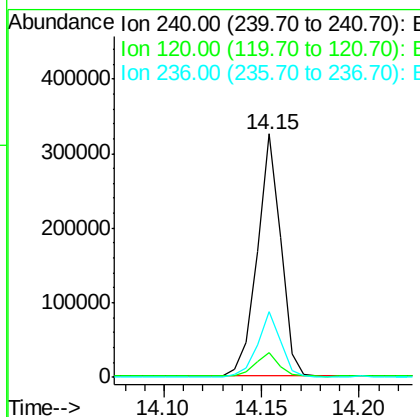
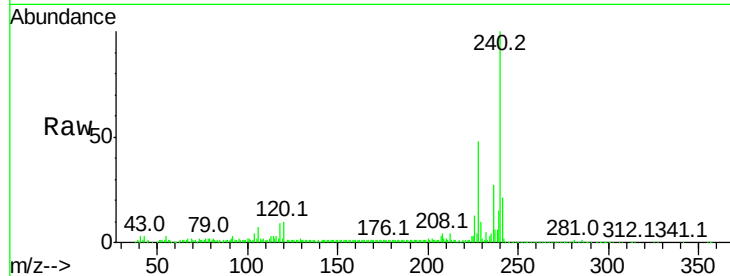
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	27.1	20.7	31.1

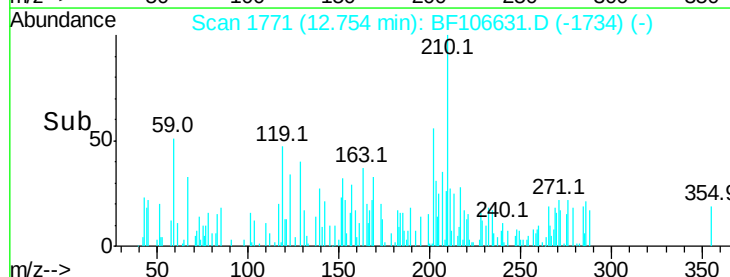
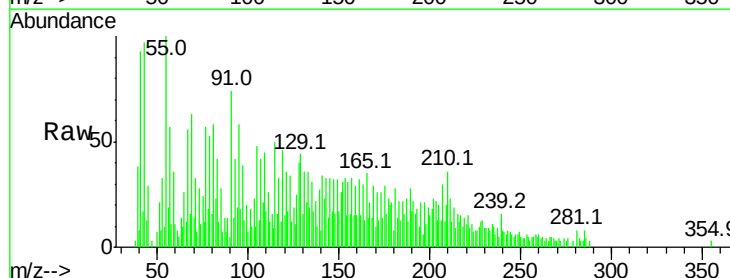
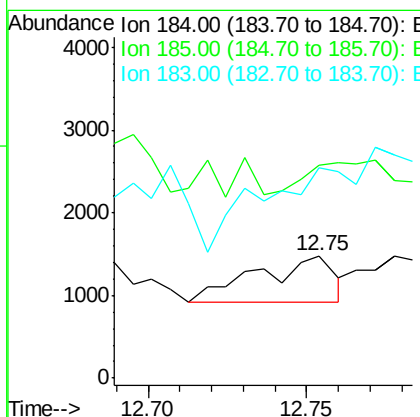
Manual Integrations
APPROVED

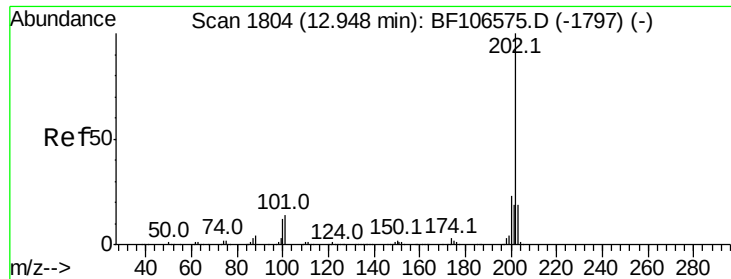
Sohil
6/21/2018 11:28:05 AM



#76
Benzidine
Concen: 0.121 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.08 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	173.4	12.6	18.8#
183	171.4	9.3	13.9#





#77

Pvrene

Concen: 47.307 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Instrument :

BNA_F

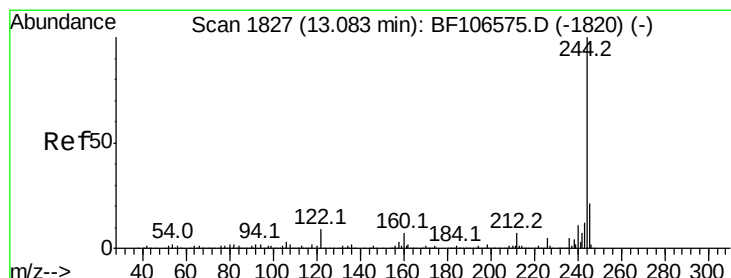
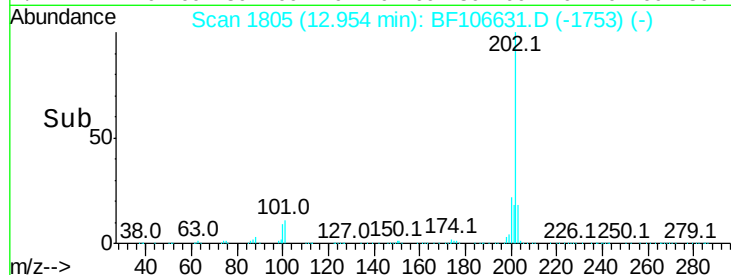
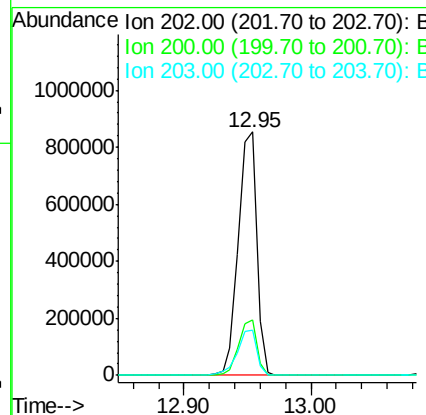
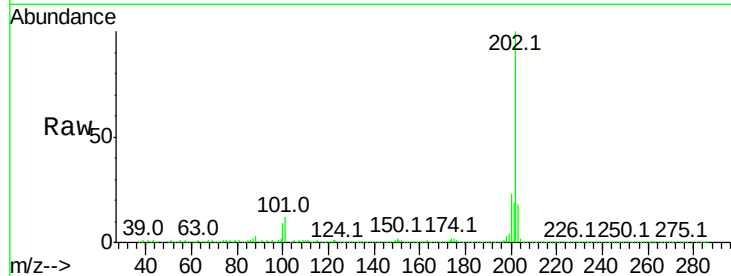
ClientSampled :

TPTW-04MSD

Tot Ion:	202	Resp:	849289
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.4	26.2
203	18.3	14.3	21.5

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



#78

Terphenyl-d14

Concen: 103.962 ng

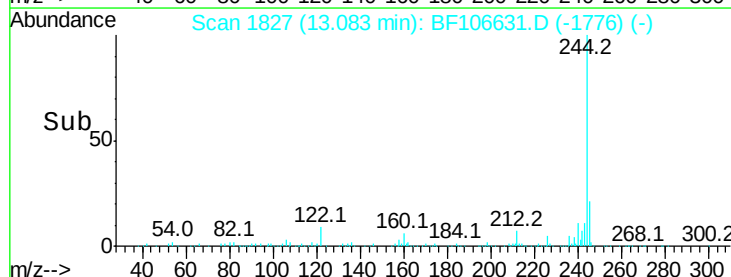
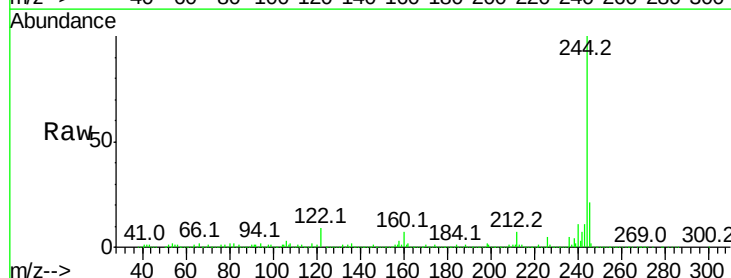
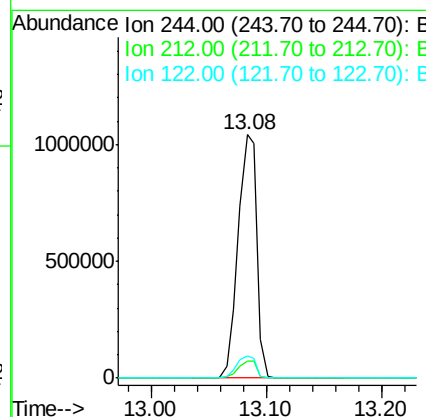
RT: 13.08 min Scan# 1827

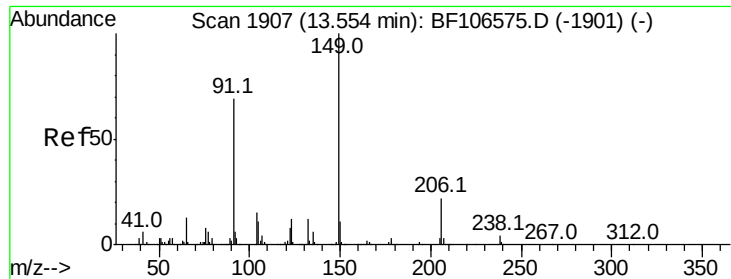
Delta R.T. 0.00 min

Lab File: BF106631.D

Acq: 20 Jun 2018 20:34

Tgt Ion:	244	Resp:	1168444
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#





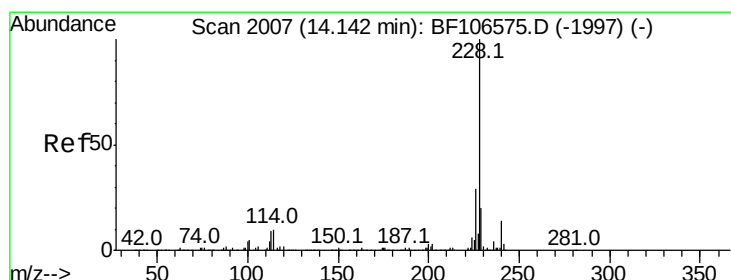
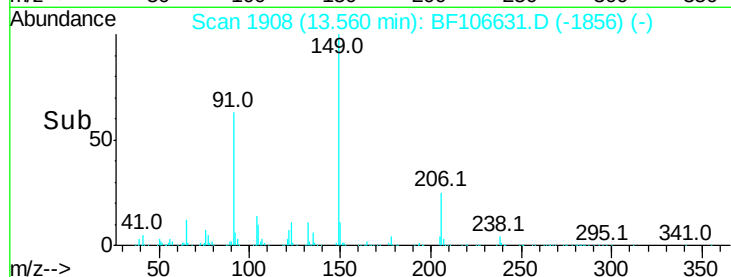
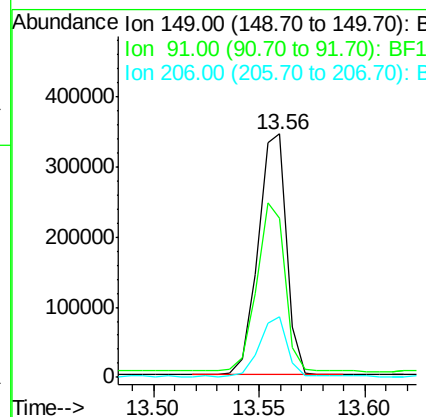
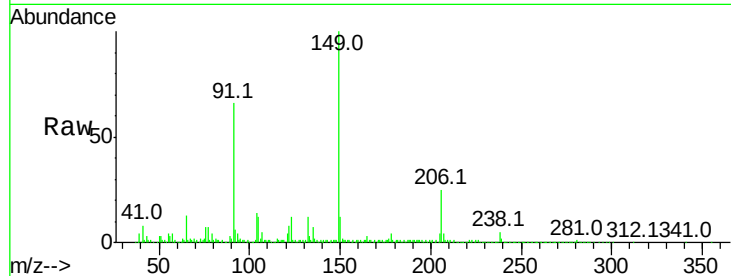
#79
Butylbenzylphthalate
Concen: 43.633 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	65.5	56.8	85.2
206	25.1	14.1	21.1

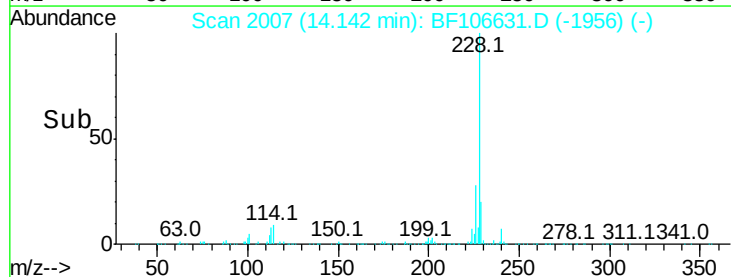
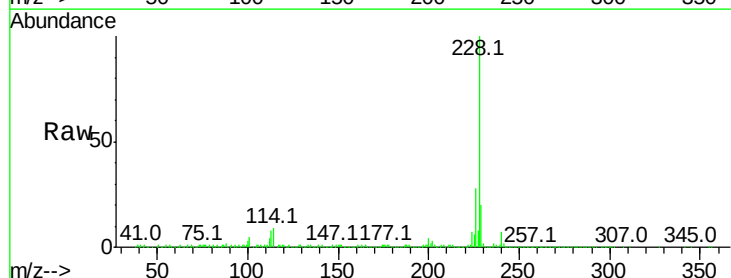
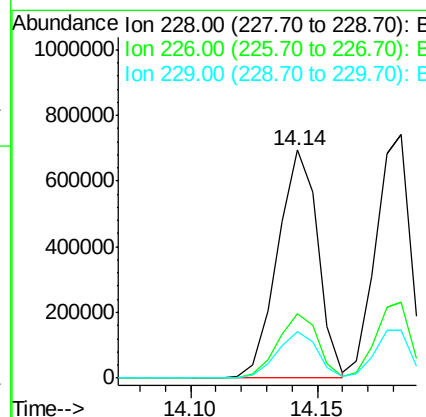
Manual Integrations
APPROVED

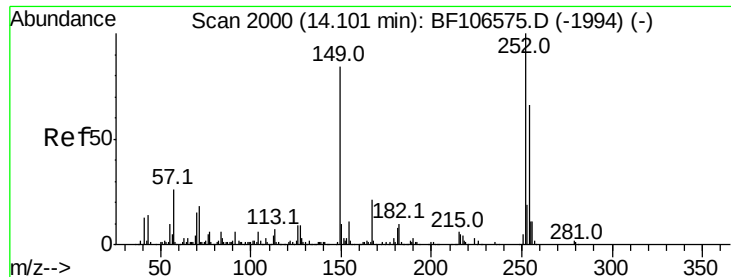
Sohil
6/21/2018 11:28:05 AM



#80
Benzo(a)anthracene
Concen: 45.701 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	15.8	23.6





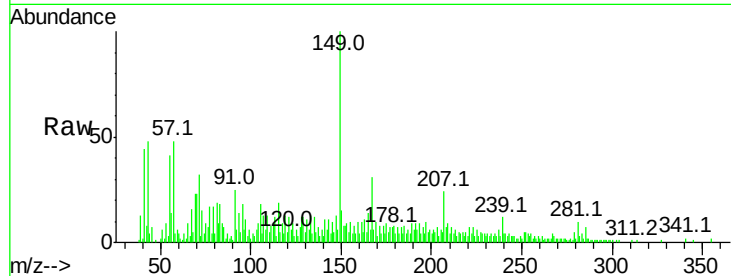
#81
3,3'-Dichlorobenzidine
Concen: 0.093 ng
RT: 14.10 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

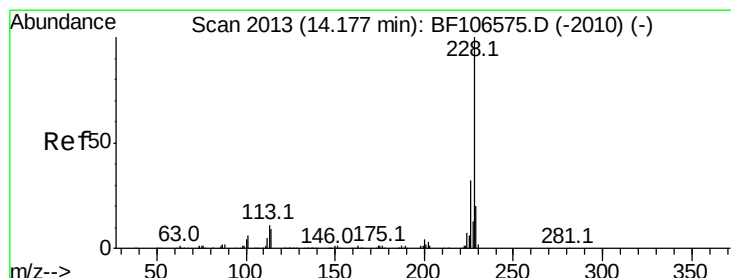
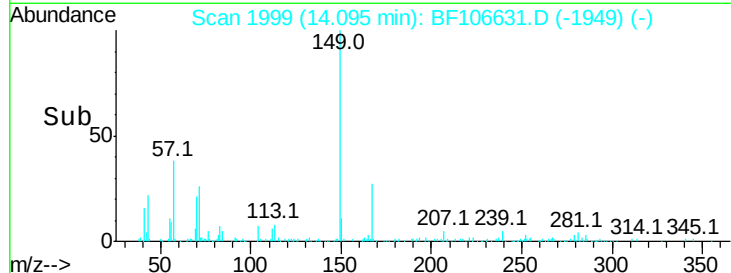
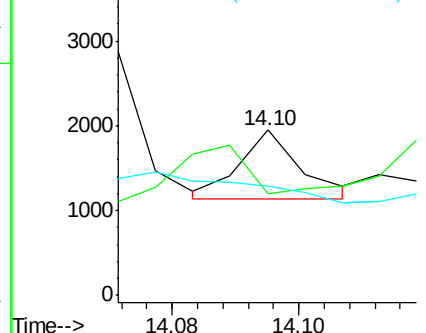
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.3	50.4	75.6
126	66.5	11.3	16.9

Manual Integrations
APPROVED

Sohil
6/21/2018 11:28:05 AM



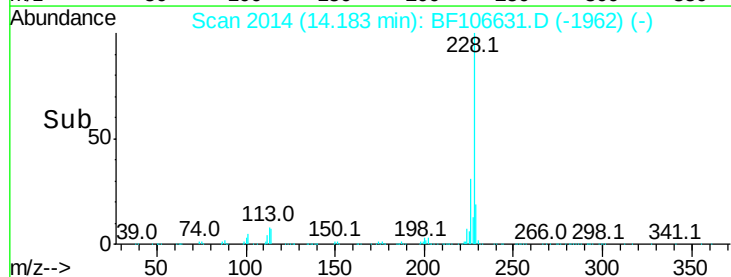
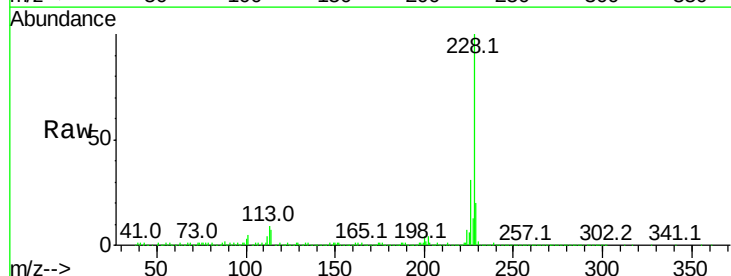
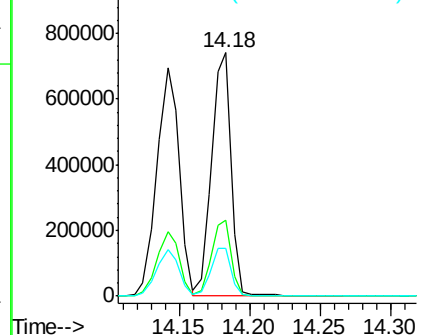
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

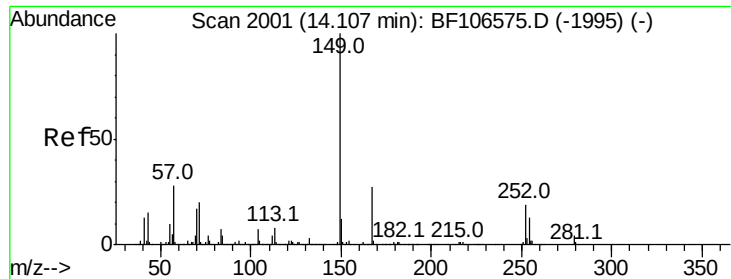


#82
Chrysene
Concen: 46.049 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.6	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





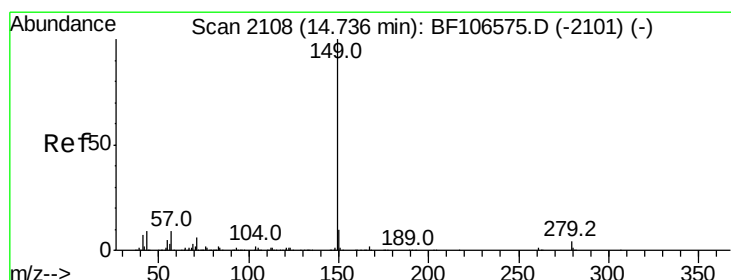
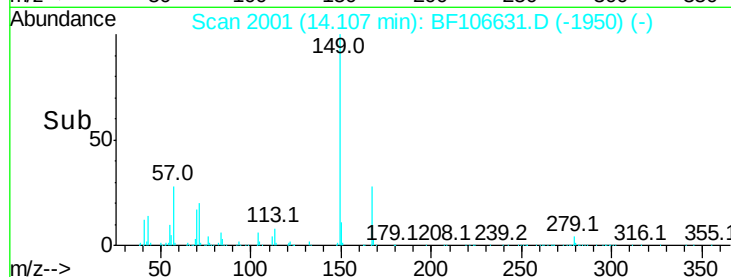
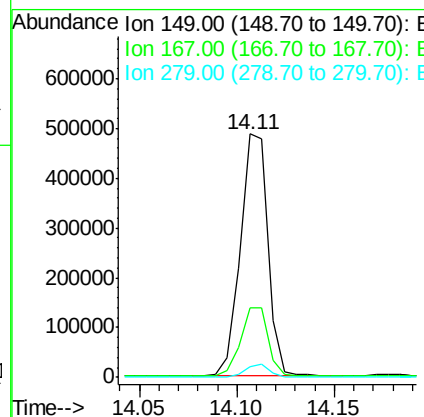
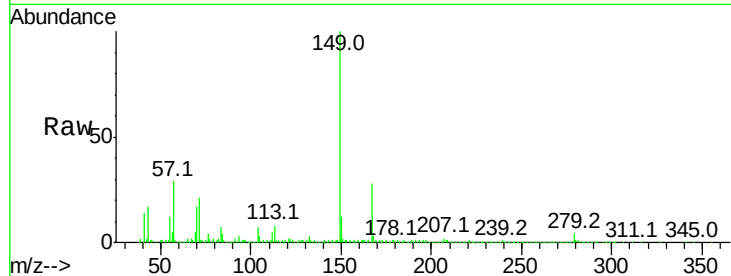
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.146 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	473218		
167	28.3		21.3	31.9
279	4.3		3.0	4.4

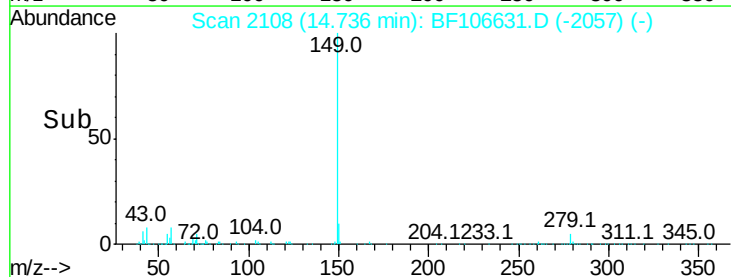
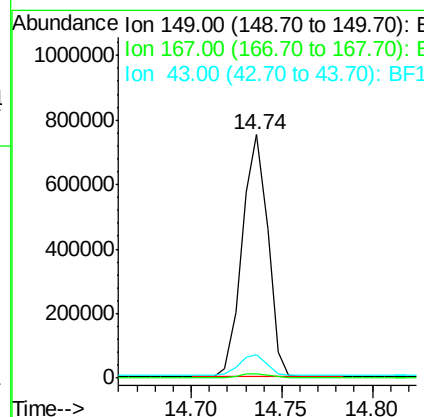
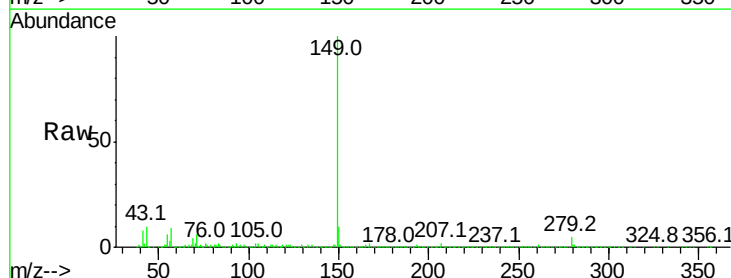
Manual Integrations
 APPROVED

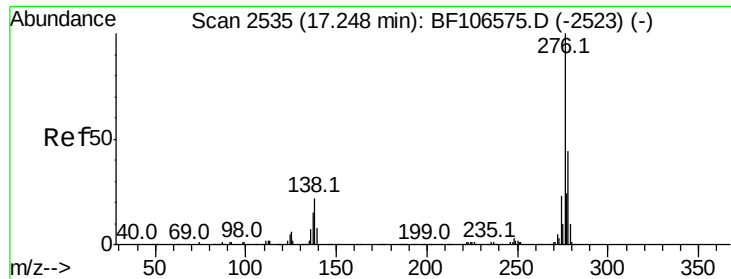
Sohil
 6/21/2018 11:28:05 AM



#84
 Di-n-octyl phthalate
 Concen: 48.047 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	739076		
167	1.6		1.2	1.8
43	8.7		8.4	12.6





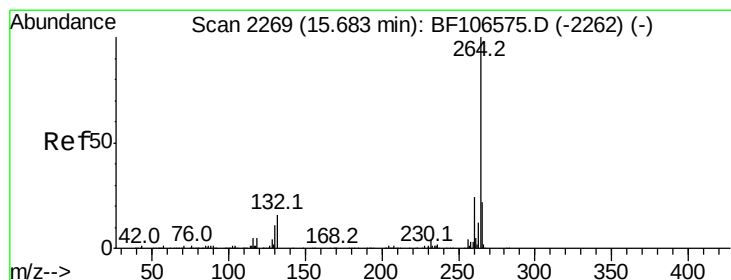
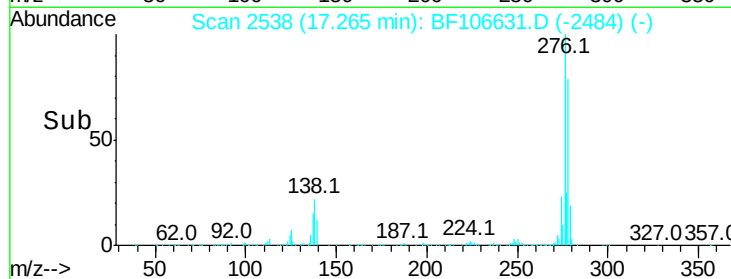
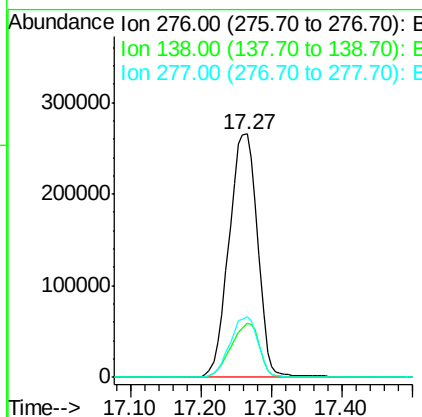
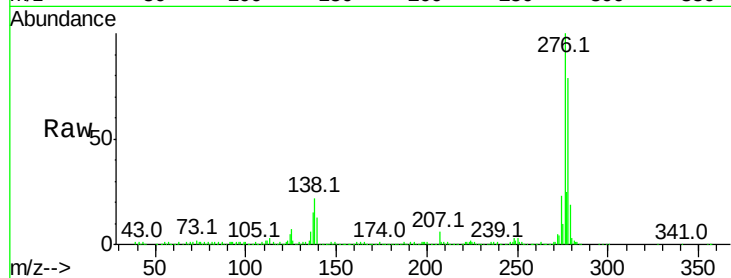
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.642 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	24.9	20.1	30.1

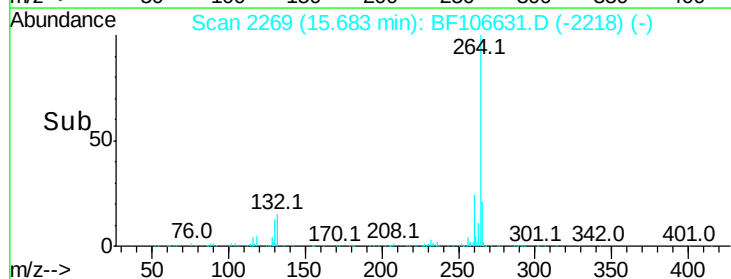
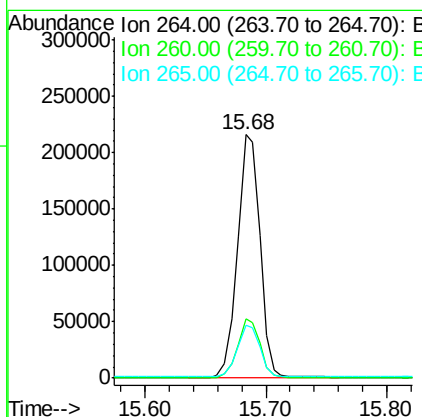
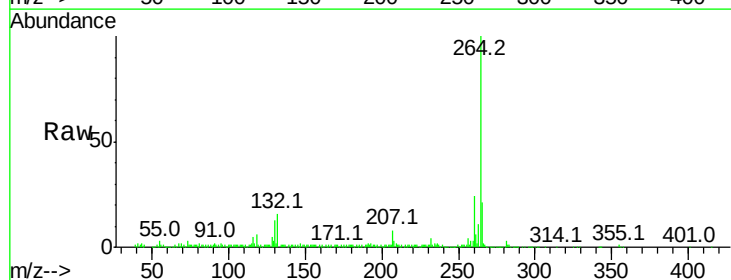
Manual Integrations
APPROVED

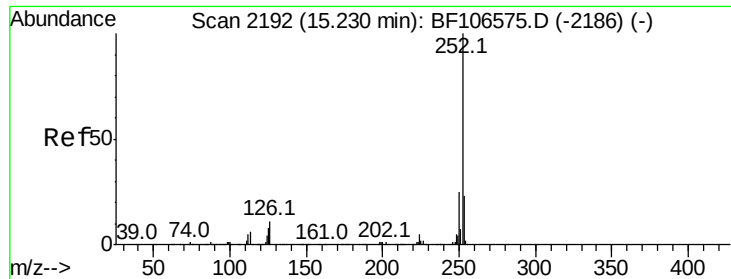
Sohil
6/21/2018 11:28:05 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3





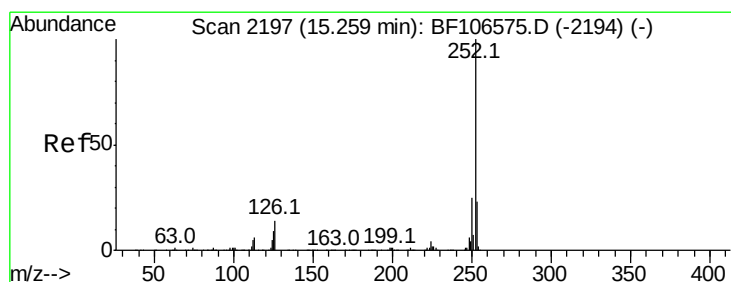
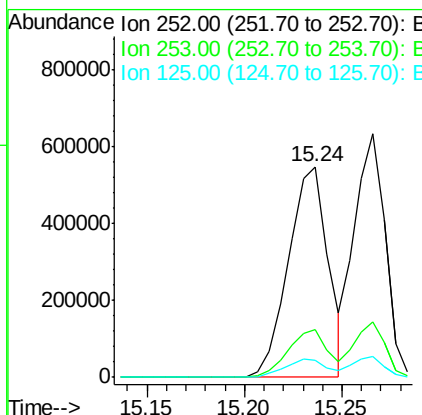
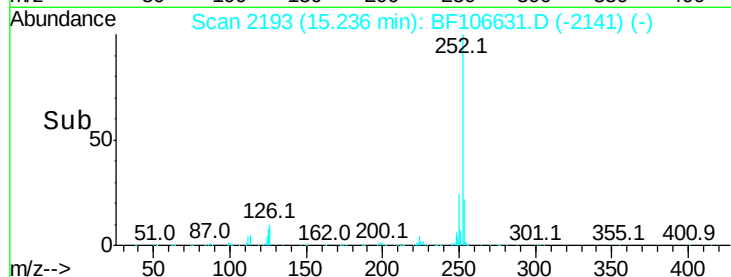
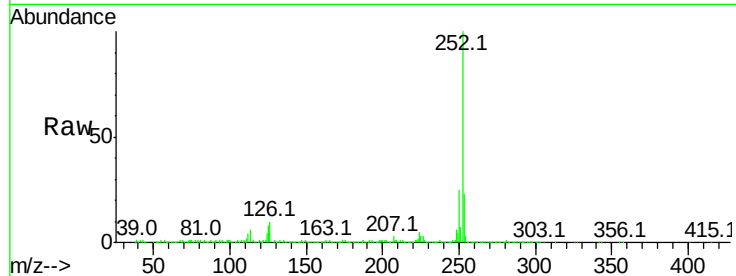
#87
Benzo(b)fluoranthene
Concen: 44.013 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.2	9.0	13.6#

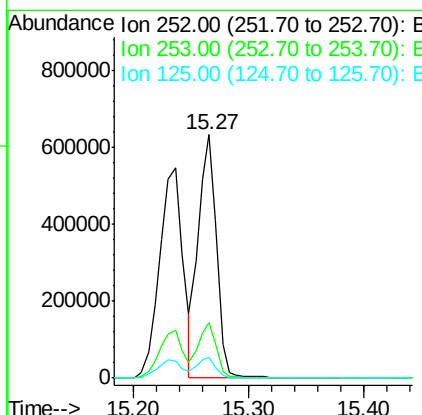
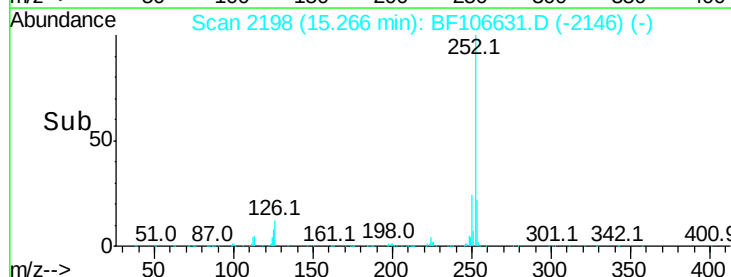
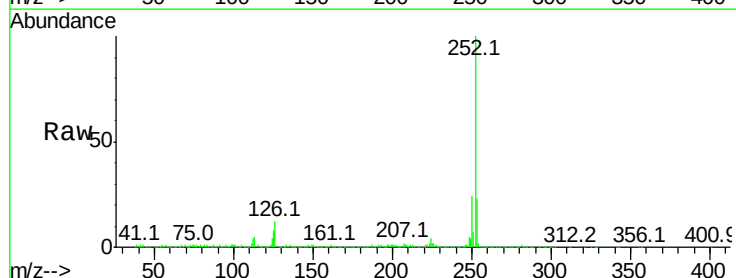
Manual Integrations
APPROVED

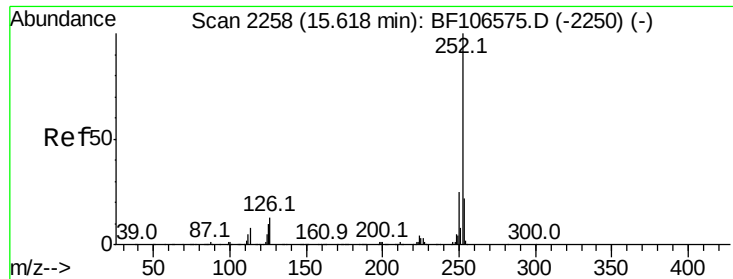
Sohil
6/21/2018 11:28:05 AM



#88
Benzo(k)fluoranthene
Concen: 42.088 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.4	10.2	15.2#





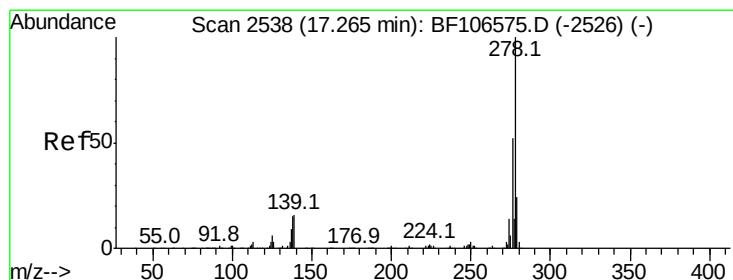
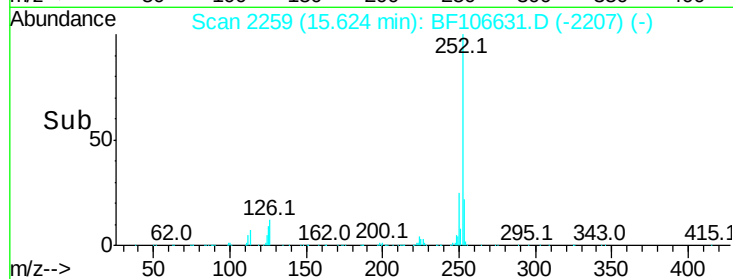
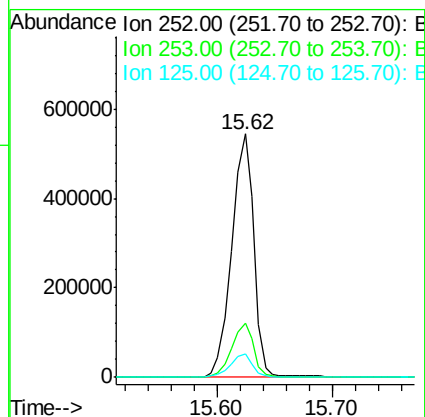
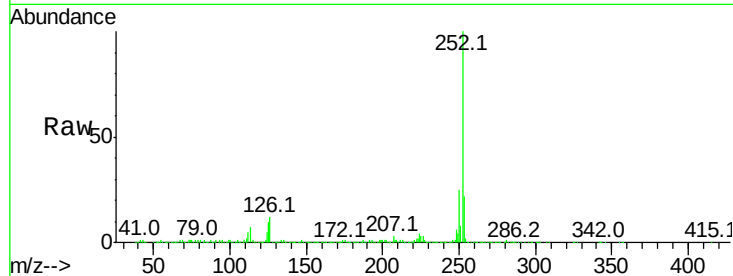
#89
Benzo(a)pyrene
Concen: 46.210 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TPTW-04MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	9.7	9.8	14.6

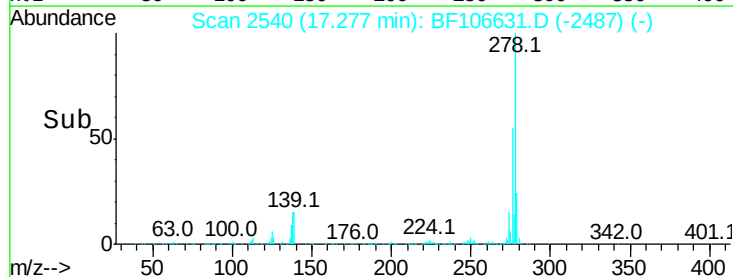
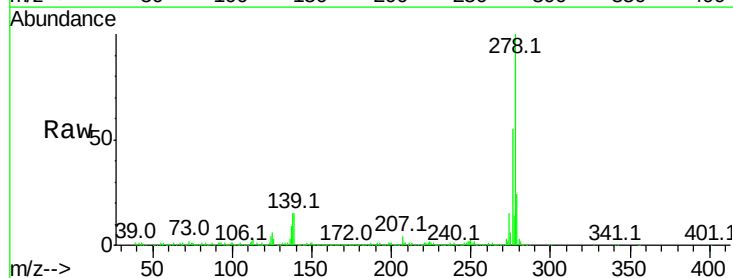
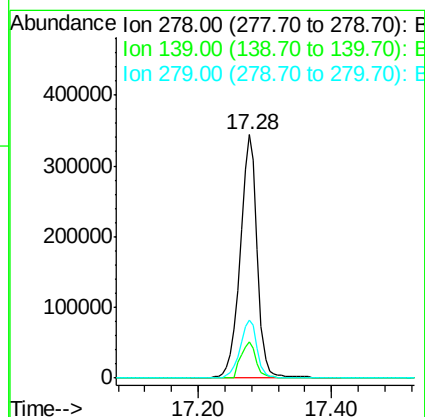
Manual Integrations
APPROVED

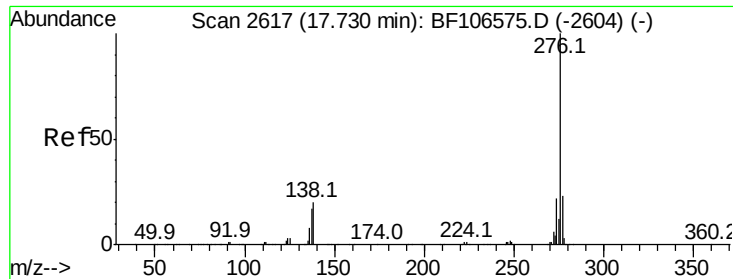
Sohil
6/21/2018 11:28:05 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.767 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF106631.D
Acq: 20 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.297 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. 0.01 min
 Lab File: BF106631.D
 Acq: 20 Jun 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 TPTW-04MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.0	17.9	26.9
138	18.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:28:05 AM

