

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103075.D
 Acq On : 19 Feb 2018 12:06
 Operator : SJ/JU
 Sample : J1399-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 19 16:39:38 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	171823	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	721140	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	323754	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	566819	20.00	ng	0.00
75) Chrysene-d12	14.06	240	381170	20.00	ng	0.00
86) Perylene-d12	15.54	264	346938	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1235241	109.18	ng	0.03
7) Phenol-d6	6.52	99	1393831	102.32	ng	0.01
23) Nitrobenzene-d5	7.45	82	1055134	101.50	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	357996	137.38	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1657954	84.98	ng	0.00
78) Terphenyl-d14	13.00	244	1570754	97.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	203688	36.449	ng	# 72
3) Pyridine	3.56	79	266958	17.291	ng	95
4) n-Nitrosodimethylamine	3.50	42	278422	42.148	ng	98
6) Aniline	6.55	93	273380	13.589	ng	89
8) 2-Chlorophenol	6.67	128	509045	43.703	ng	99
9) Benzaldehyde	6.43	77	25905	2.561	ng	94
10) Phenol	6.53	94	553171	37.890	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	522884	43.041	ng	91
12) 1,3-Dichlorobenzene	6.82	146	528414	39.175	ng	99
13) 1,4-Dichlorobenzene	6.90	146	533151	39.680	ng	99
14) 1,2-Dichlorobenzene	7.05	146	495117	39.562	ng	100
15) Benzyl Alcohol	7.02	79	444701	42.459	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	906525	39.282	ng	97
17) 2-Methylphenol	7.13	107	441765	41.117	ng	99
18) Hexachloroethane	7.39	117	198949	43.179	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	347958	38.740	ng	97
20) 3+4-Methylphenols	7.29	107	486258	36.700	ng	# 66
22) Acetophenone	7.29	105	684546	38.791	ng	# 91
24) Nitrobenzene	7.47	77	572484	46.820	ng	96
25) Isophorone	7.70	82	1072328	44.798	ng	100
26) 2-Nitrophenol	7.78	139	299396	57.504	ng	97
27) 2,4-Dimethylphenol	7.82	122	480575	47.521	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	666167	46.979	ng	99
29) 2,4-Dichlorophenol	8.02	162	431250	46.909	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	425205	40.884	ng	100
31) Naphthalene	8.19	128	1470555	41.738	ng	100
32) Benzoic acid	7.95	122	303436	44.005	ng	96
33) 4-Chloroaniline	8.23	127	80590	5.310	ng	99
34) Hexachlorobutadiene	8.30	225	214518	40.252	ng	99
35) Caprolactam	8.61	113	122070m	38.234	ng	
36) 4-Chloro-3-methylphenol	8.72	107	488235	47.266	ng	98
37) 2-Methylnaphthalene	8.87	142	996313	43.191	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	377458	42.819	ng	98
40) Hexachlorocyclopentadiene	9.03	237	305752	72.962	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
 Data File : BF103075.D
 Acq On : 19 Feb 2018 12:06
 Operator : SJ/JU
 Sample : J1399-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

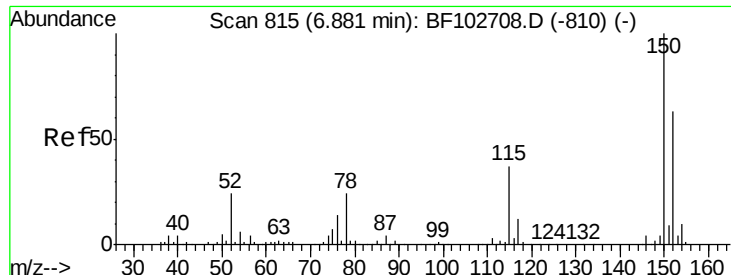
Manual Integrations
 APPROVED

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

Quant Time: Feb 19 16:39:38 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	281525	48.622	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	303880	46.565	ng	99
45) 1,1'-Biphenyl	9.34	154	1142139	41.884	ng	99
46) 2-Chloronaphthalene	9.37	162	918868	42.802	ng	98
47) 2-Nitroaniline	9.46	65	344370	51.696	ng	88
48) Acenaphthylene	9.79	152	1386163	41.572	ng	99
49) Dimethylphthalate	9.64	163	1141933	45.236	ng	99
50) 2,6-Dinitrotoluene	9.70	165	253996	52.886	ng	93
51) Acenaphthene	9.96	154	798620	40.050	ng	99
52) 3-Nitroaniline	9.87	138	85433	14.457	ng	94
53) 2,4-Dinitrophenol	9.99	184	198839	102.651	ng	# 21
54) Dibenzofuran	10.13	168	1226282	43.638	ng	97
55) 4-Nitrophenol	10.05	139	369343	76.253	ng	96
56) 2,4-Dinitrotoluene	10.12	165	323738	50.116	ng	95
57) Fluorene	10.47	166	933461	45.655	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	228611	50.543	ng	98
59) Diethylphthalate	10.34	149	1081200	43.377	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	418865	46.311	ng	99
61) 4-Nitroaniline	10.50	138	287921	51.187	ng	91
62) Azobenzene	10.62	77	1082528	43.473	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	140647m	56.304	ng	
65) n-Nitrosodiphenylamine	10.58	169	843414	42.185	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	267706	44.648	ng	91
67) Hexachlorobenzene	11.02	284	281140	42.503	ng	92
68) Atrazine	11.10	200	239152	40.546	ng	97
69) Pentachlorophenol	11.22	266	277477	71.461	ng	98
70) Phenanthrene	11.44	178	1328923	42.097	ng	99
71) Anthracene	11.49	178	1388806	43.255	ng	100
72) Carbazole	11.65	167	1330094	42.285	ng	99
73) Di-n-butylphthalate	11.96	149	1677854	43.911	ng	99
74) Fluoranthene	12.63	202	1357752	42.749	ng	99
76) Benzidine	12.74	184	142897	8.157	ng	99
77) Pyrene	12.86	202	1381599	46.223	ng	100
79) Butylbenzylphthalate	13.46	149	713602	49.871	ng	100
80) Benzo(a)anthracene	14.04	228	1135716	47.377	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	191205	21.512	ng	98
82) Chrysene	14.09	228	1069927	44.276	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	957998	52.321	ng	100
84) Di-n-octyl phthalate	14.64	149	1514587	55.090	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	1032376	51.511	ng	98
87) Benzo(b)fluoranthene	15.11	252	1051433	46.744	ng	97
88) Benzo(k)fluoranthene	15.14	252	915107	42.579	ng	99
89) Benzo(a)pyrene	15.49	252	938958	46.376	ng	97
90) Dibenzo(a,h)anthracene	17.09	278	849641	51.701	ng	100
91) Benzo(g,h,i)perylene	17.53	276	919863	57.187	ng	99

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



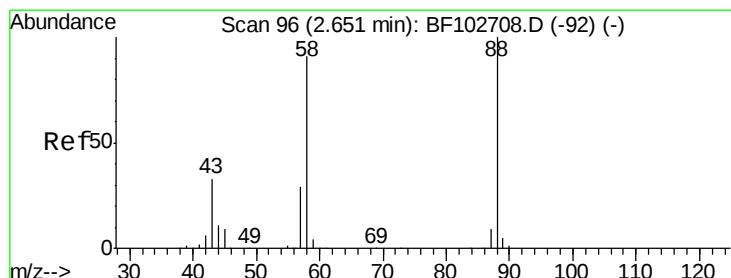
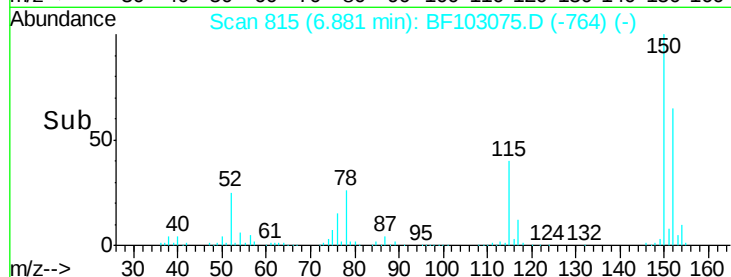
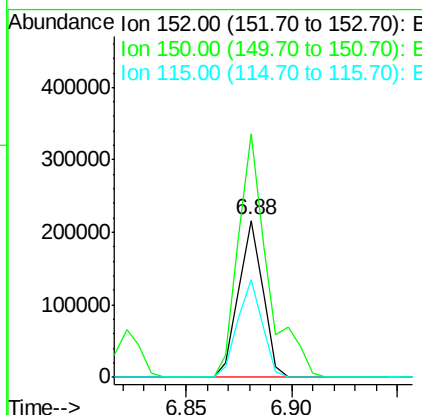
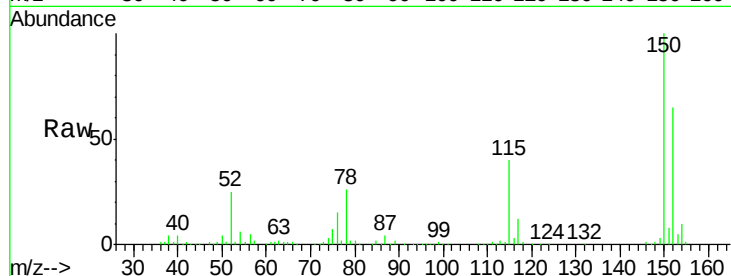
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	62.1	50.1	75.1

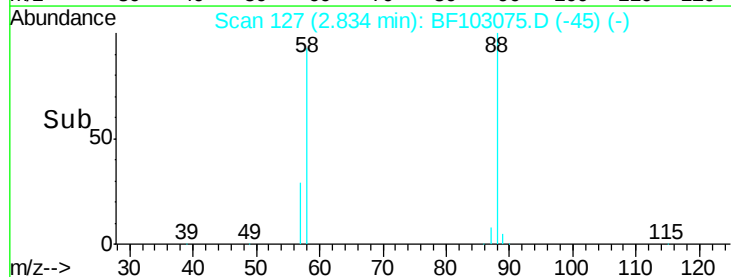
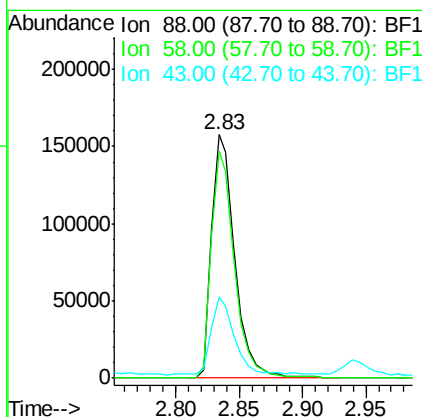
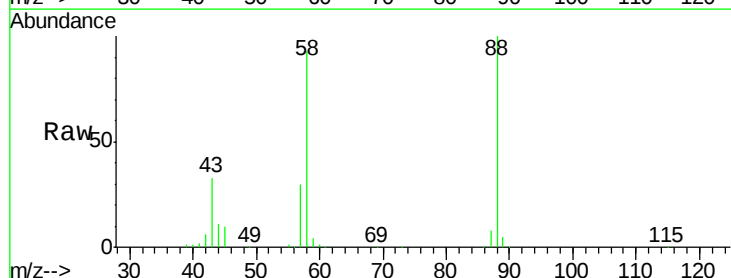
Manual Integrations
 APPROVED

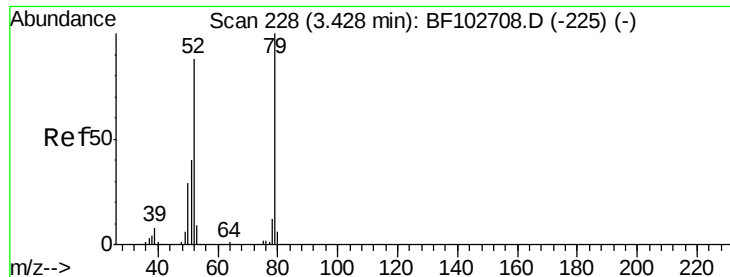
Sohil
 2/20/2018 10:20:20 AM



#2
 1,4-Dioxane
 Concen: 36.449 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.18 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	62.6	93.8
43	0.0	24.6	37.0#





#3

Pyridine

Concen: 17.291 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.14 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

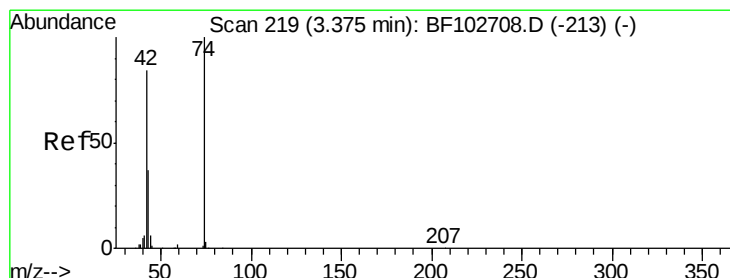
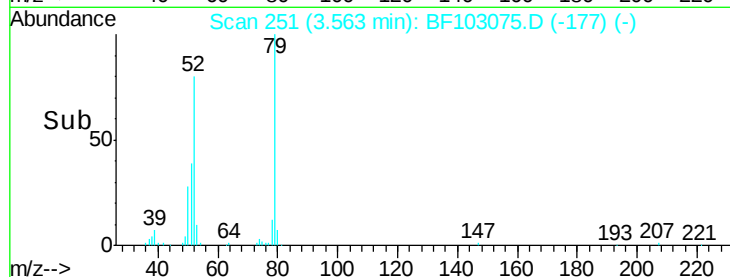
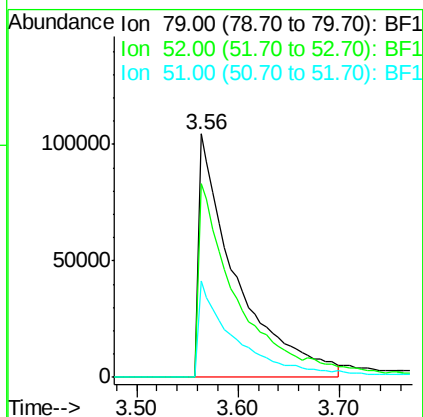
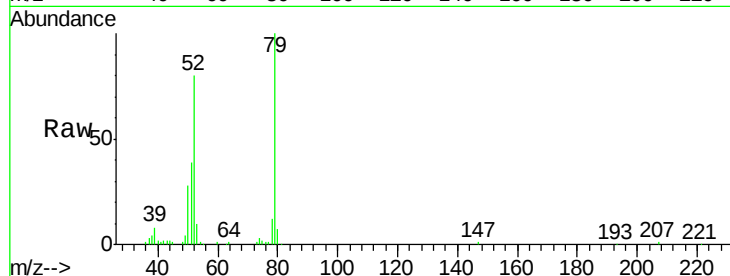
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	79	Resp:	266958
Ion	Ratio	Lower	Upper
79	100		
52	79.8	59.8	89.6
51	39.4	29.8	44.8

Manual Integrations
APPROVED

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



#4

n-Nitrosodimethylamine

Concen: 42.148 ng

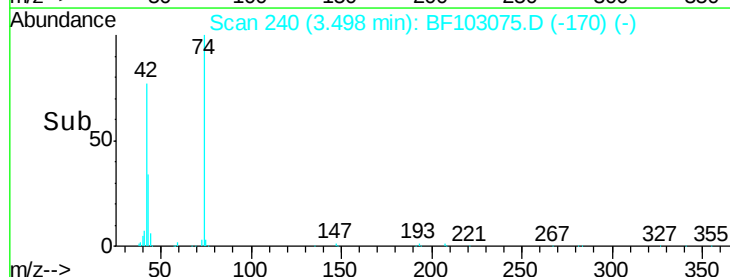
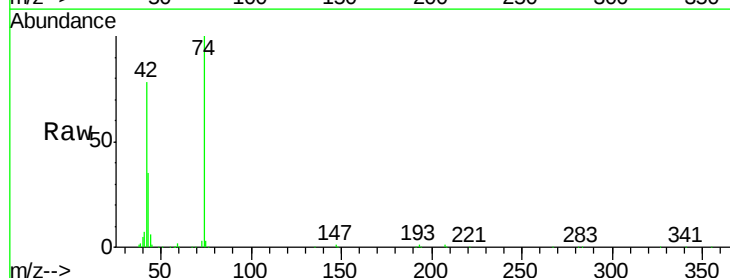
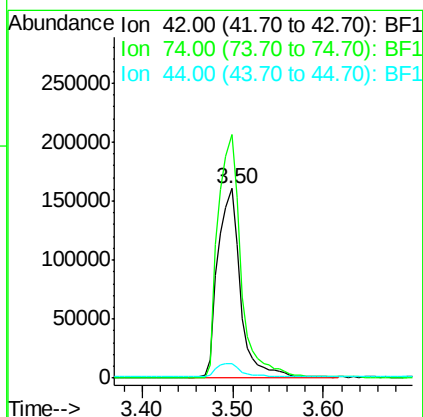
RT: 3.50 min Scan# 240

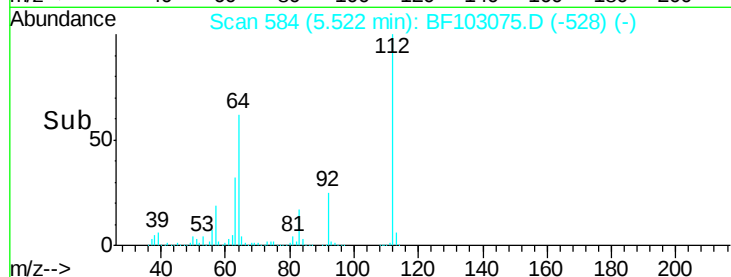
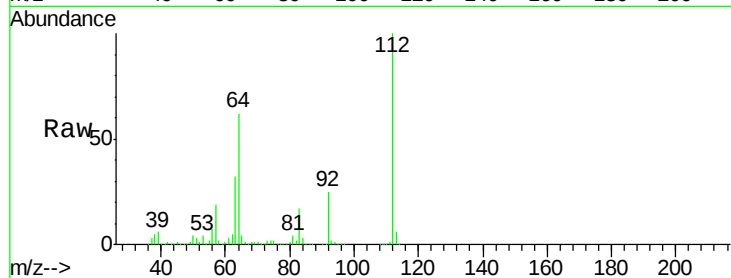
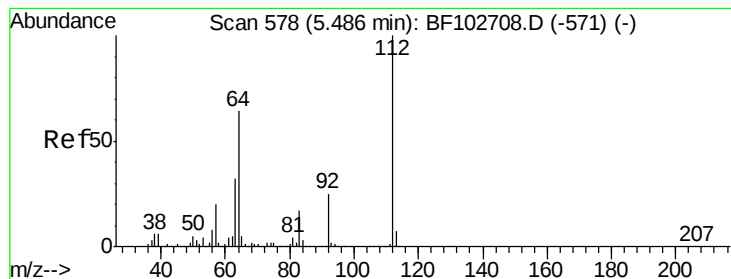
Delta R.T. 0.11 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	42	Resp:	278422
Ion	Ratio	Lower	Upper
42	100		
74	128.7	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 109.177 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.03 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	112	Resp:	1235241
Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	31.8	23.7	35.5

Instrument :

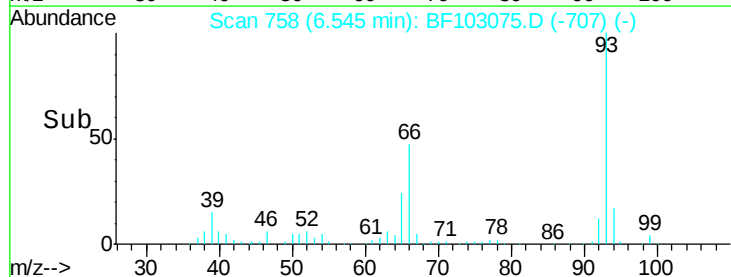
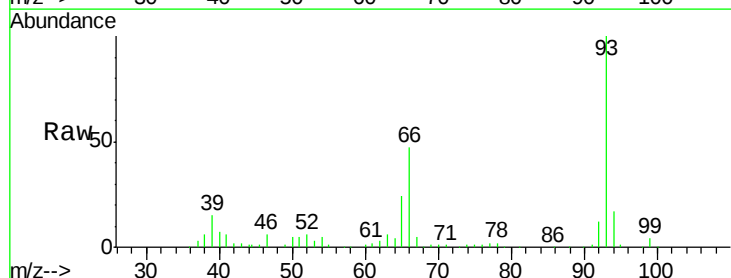
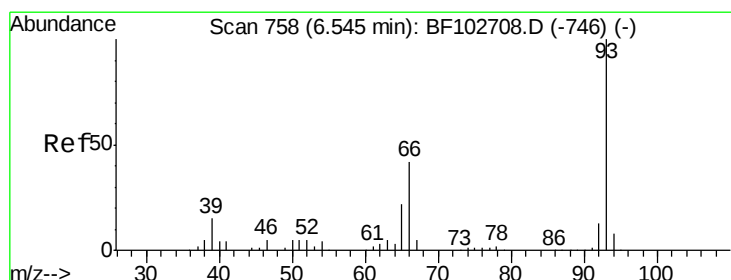
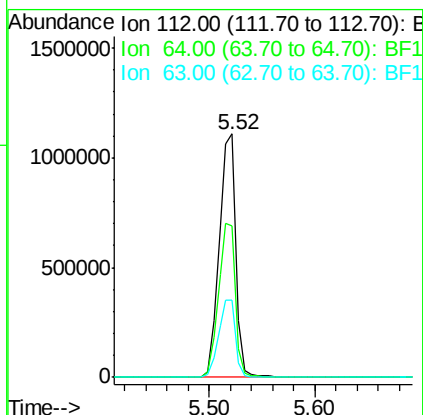
BNA_F

ClientSampleId :

OR-02-021518-AMSD

Manual Integrations
APPROVED

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



#6

Aniline

Concen: 13.589 ng

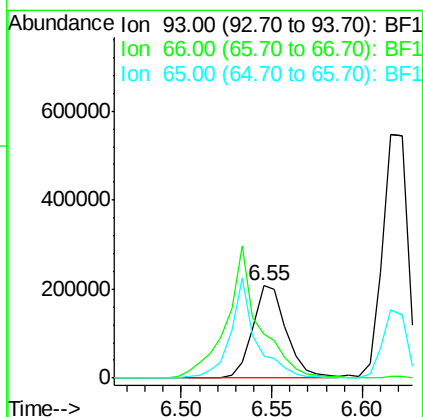
RT: 6.55 min Scan# 758

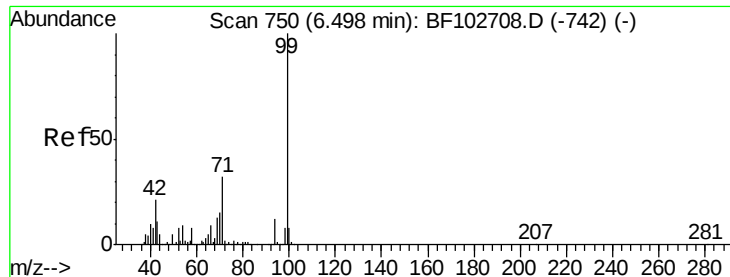
Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	93	Resp:	273380
Ion	Ratio	Lower	Upper
93	100		
66	47.4	32.2	48.2
65	24.4	16.4	24.6





#7

Phenol-d6

Concen: 102.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMSD

Tgt Ion: 99 Resp: 1393831

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

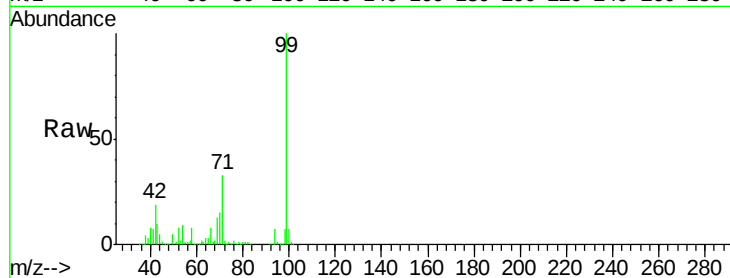
71 32.8 25.4 38.0

Manual Integrations

APPROVED

Sohil

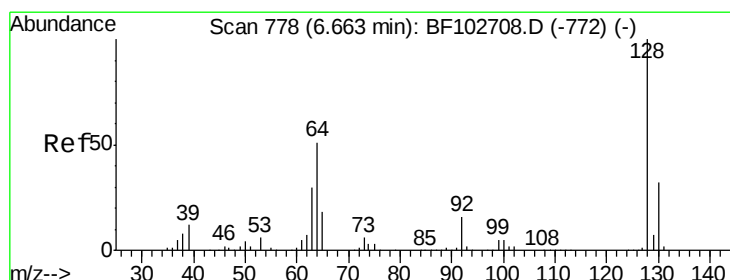
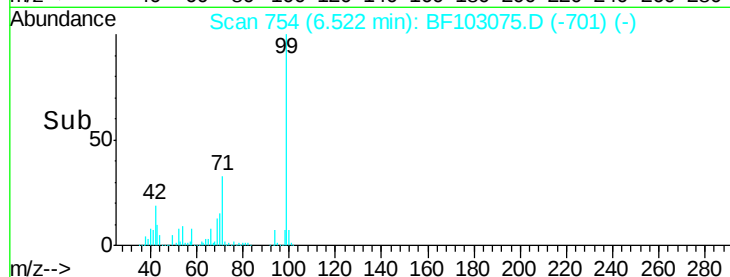
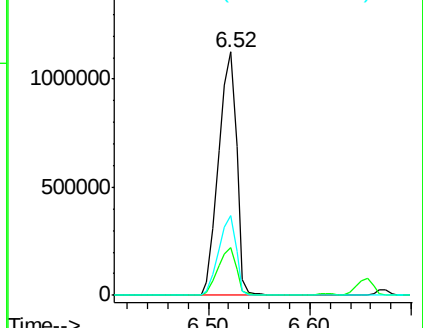
2/20/2018 10:20:20 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.703 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

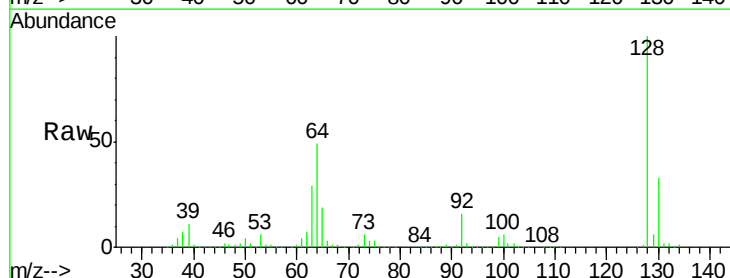
Tgt Ion: 128 Resp: 509045

Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

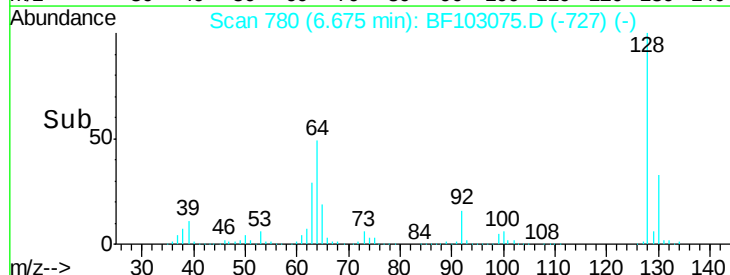
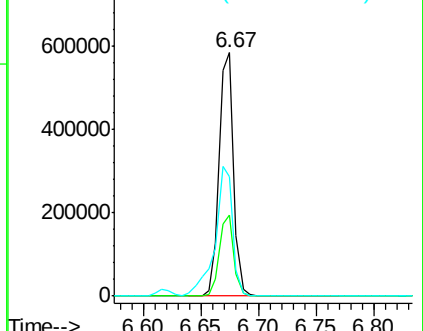
64 48.9 29.4 69.4

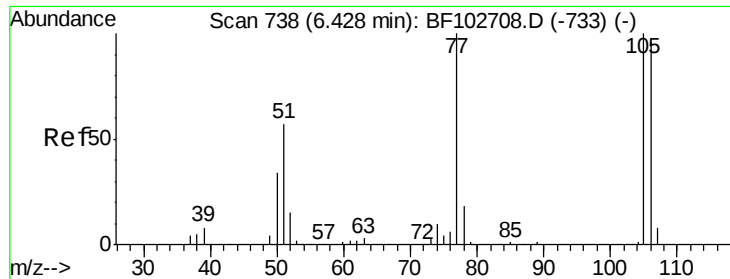


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.561 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

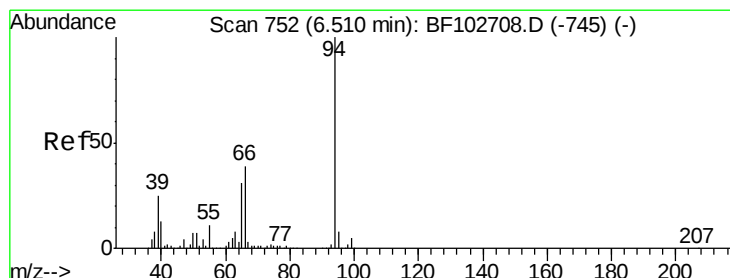
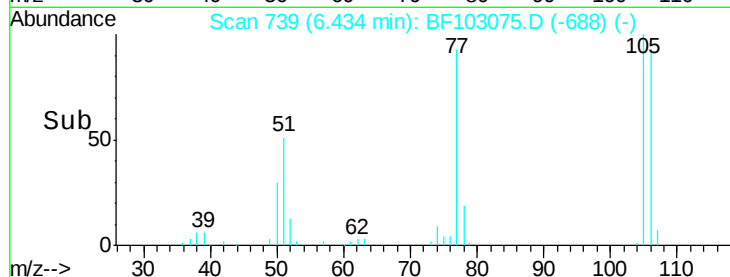
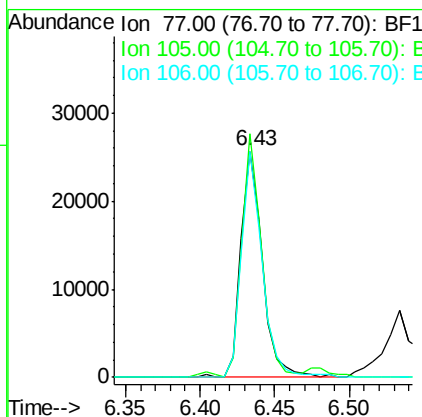
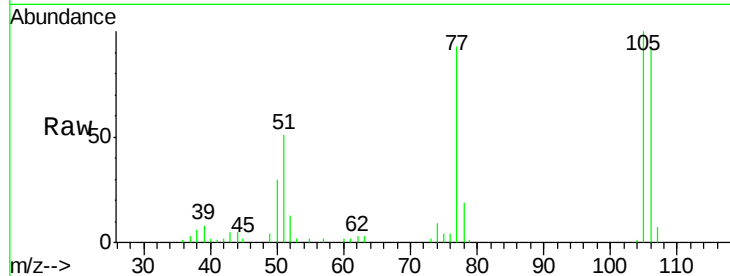
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	77	Resp:	25905
Ion	Ratio	Lower	Upper
77	100		
105	107.9	81.1	121.1
106	100.1	74.5	114.5

Manual Integrations
APPROVED

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



#10

Phenol

Concen: 37.890 ng

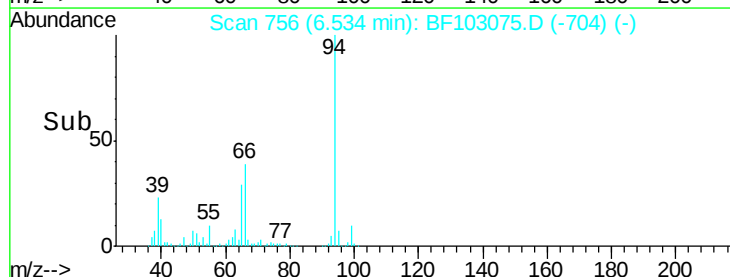
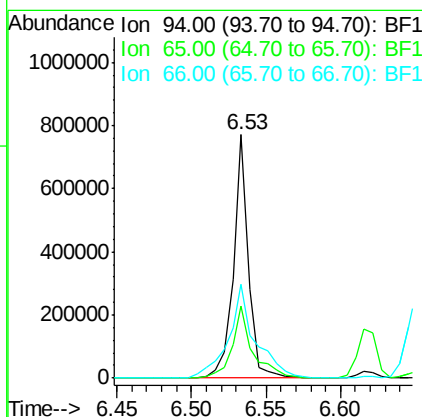
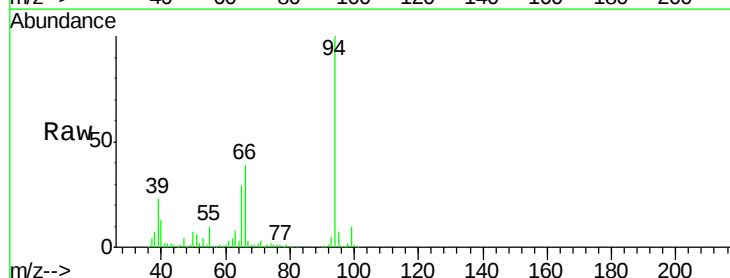
RT: 6.53 min Scan# 756

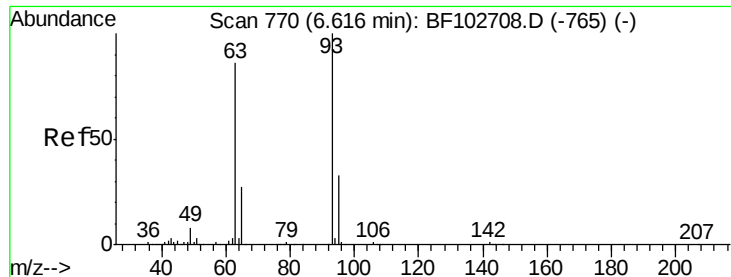
Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	94	Resp:	553171
Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	38.7	16.2	56.2





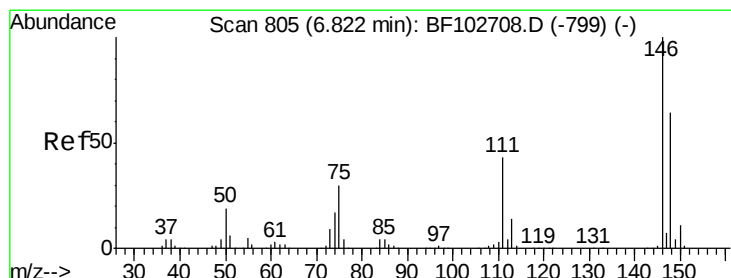
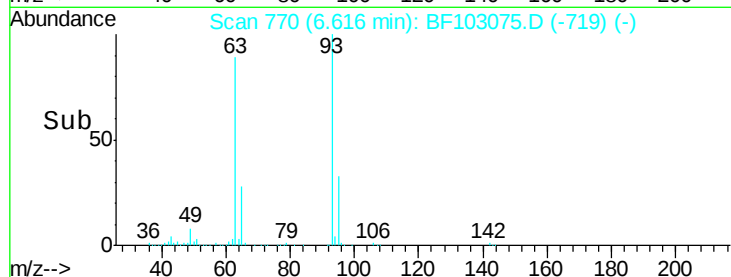
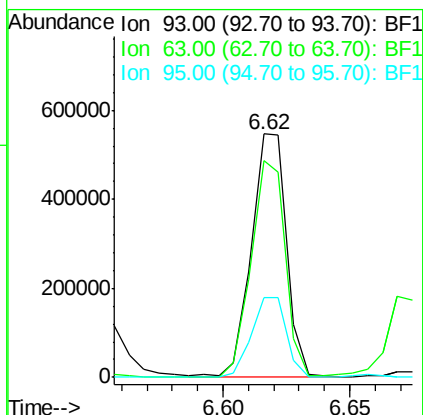
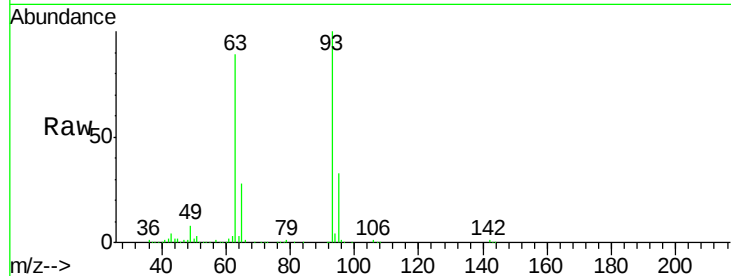
#11
bis(2-Chloroethyl)ether
Concen: 43.041 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.0	58.6	98.6
95	32.7	11.8	51.8

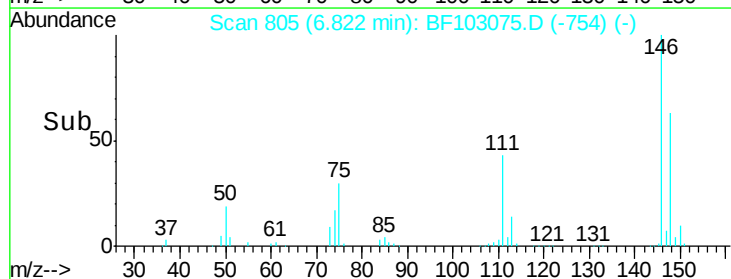
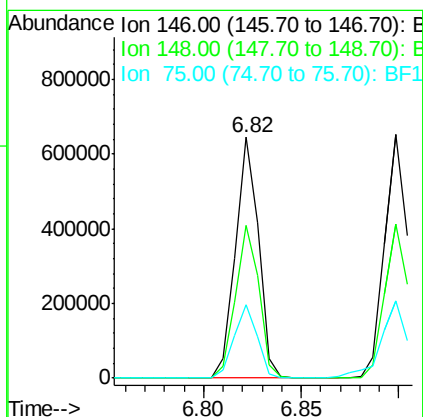
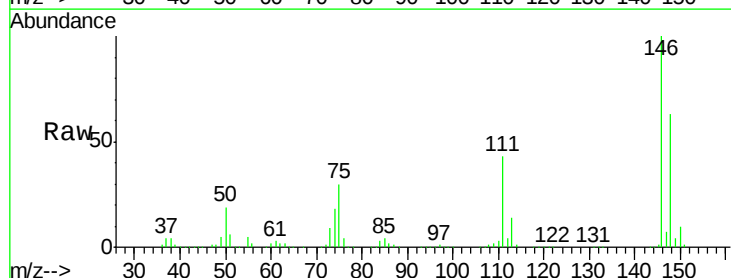
Manual Integrations
APPROVED

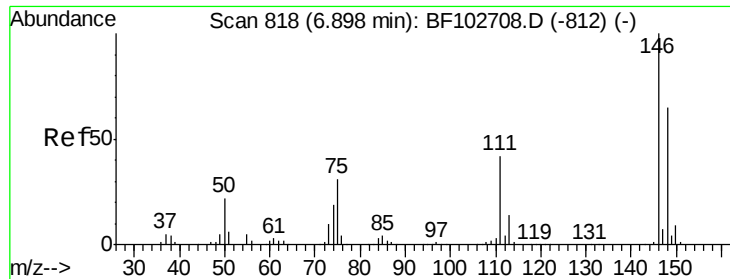
Sohil
2/20/2018 10:20:20 AM



#12
1,3-Dichlorobenzene
Concen: 39.175 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	30.5	24.2	36.4





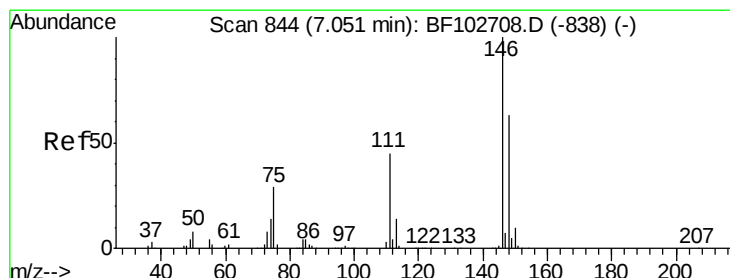
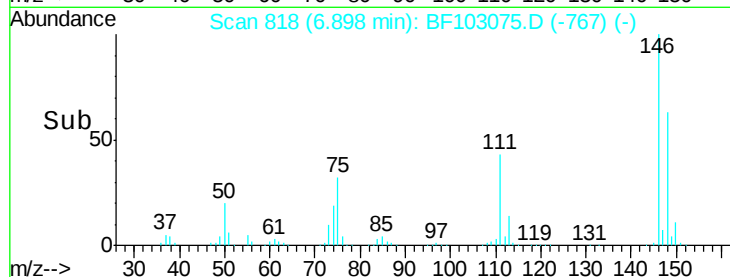
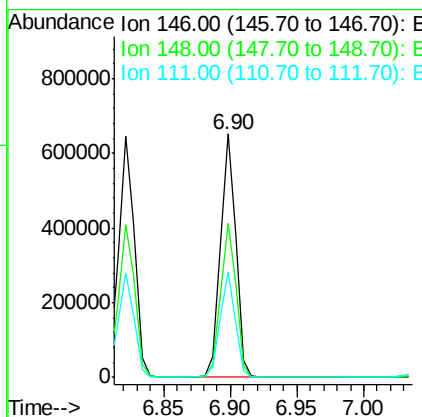
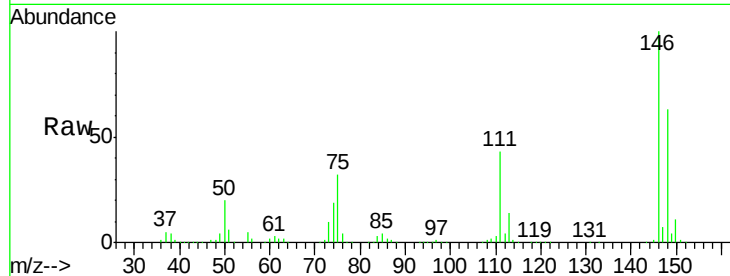
#13
 1,4-Dichlorobenzene
 Concen: 39.680 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	533151		
148	63.1	50.8	76.2	
111	43.1	34.2	51.2	

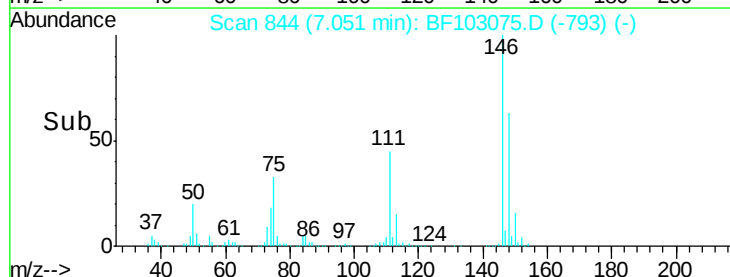
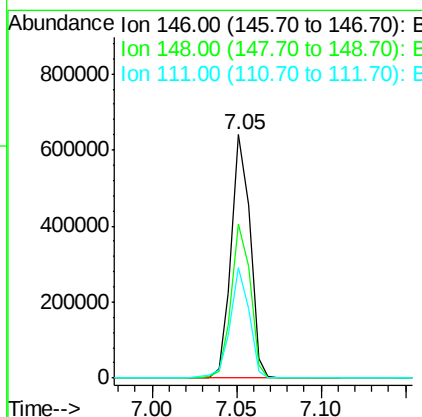
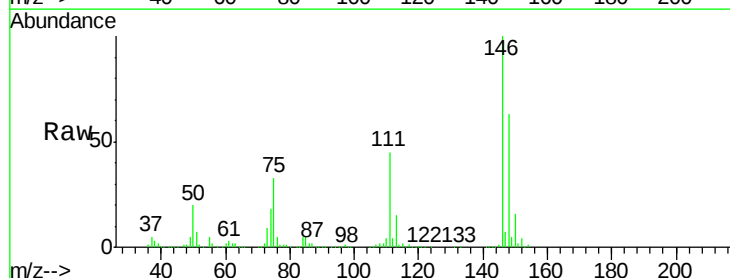
Manual Integrations
 APPROVED

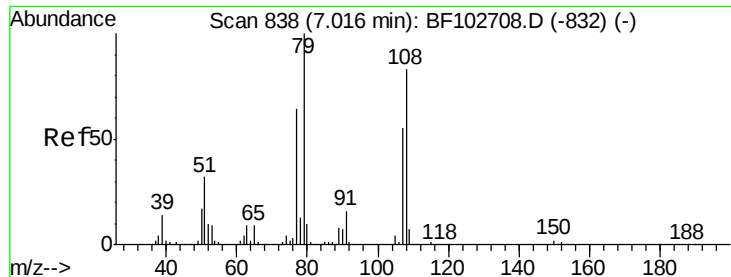
Sohil
 2/20/2018 10:20:20 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.562 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	495117		
148	63.3	50.6	75.8	
111	45.2	36.0	54.0	





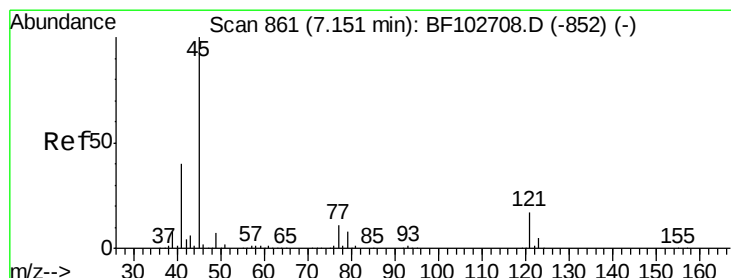
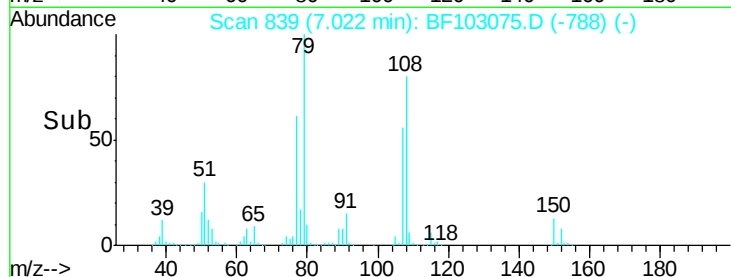
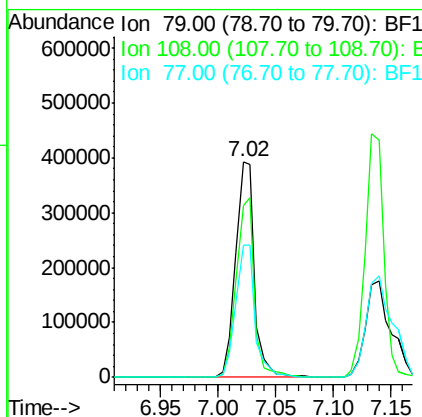
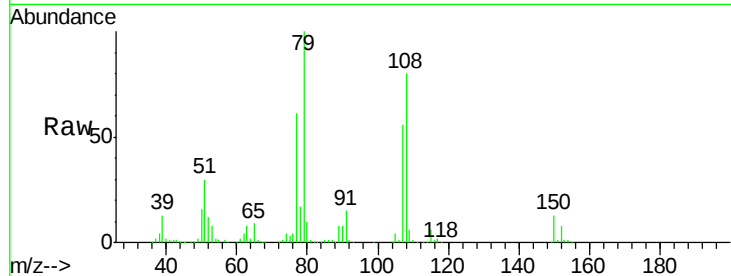
#15
Benzyl Alcohol
Concen: 42.459 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.7	65.1	97.7
77	61.2	50.6	75.8

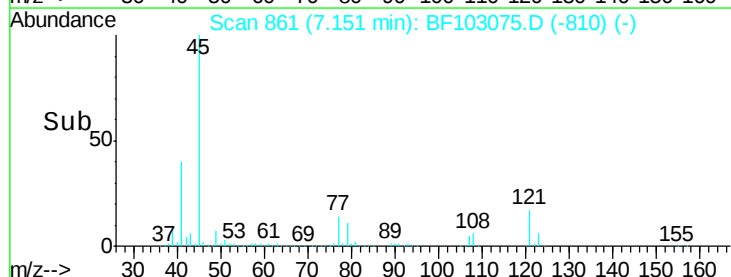
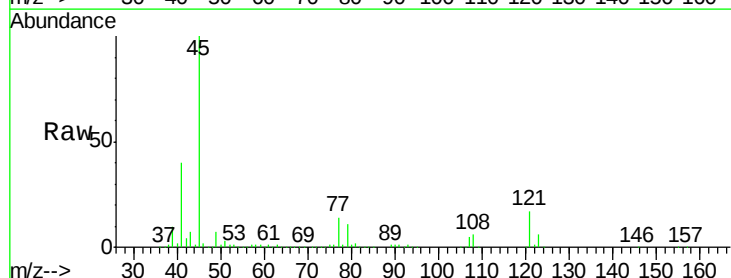
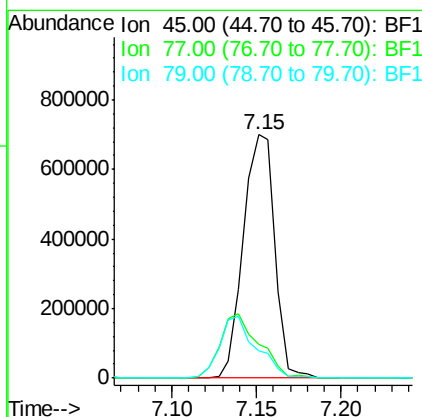
Manual Integrations
APPROVED

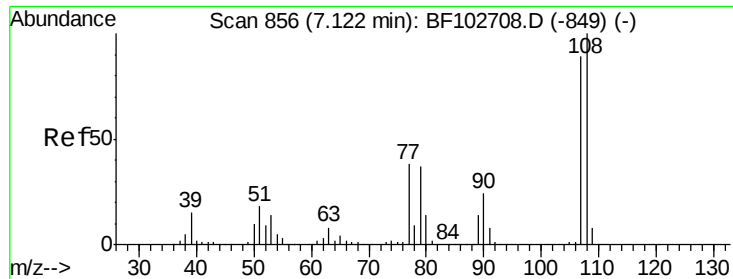
Sohil
2/20/2018 10:20:20 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.282 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.9
79	11.0	0.0	29.6





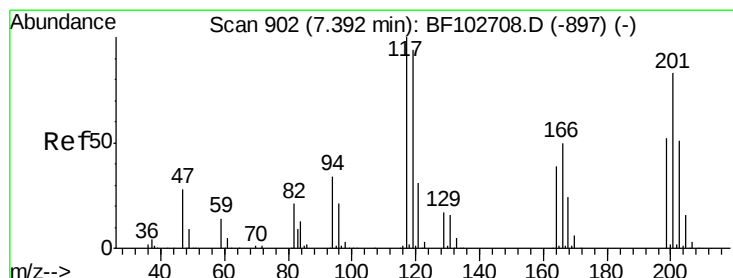
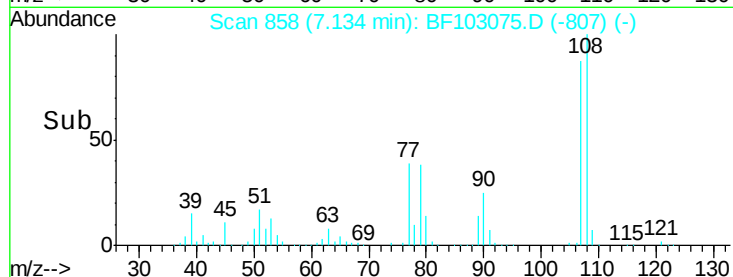
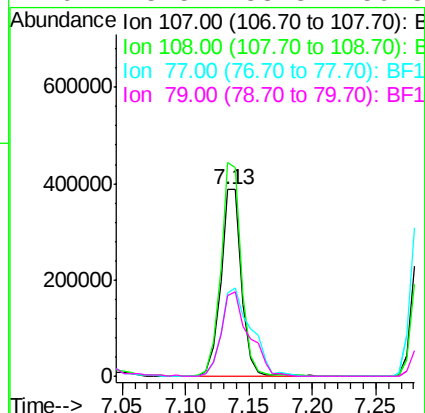
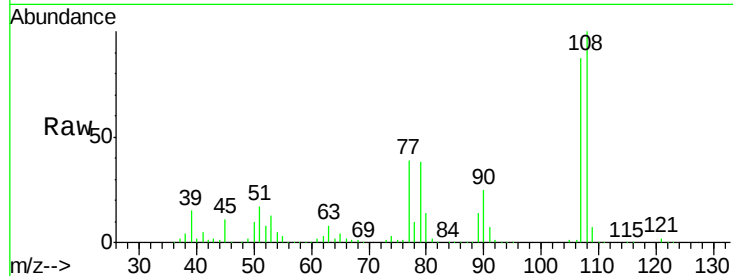
#17
2-Methylphenol
Concen: 41.117 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion:	107	Resp:	441765
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.7	137.5
77	44.4	33.8	50.8
79	43.5	33.8	50.8

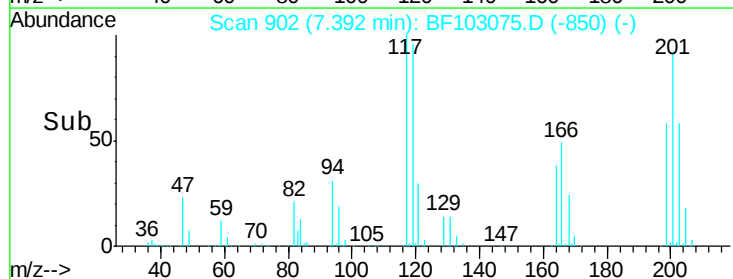
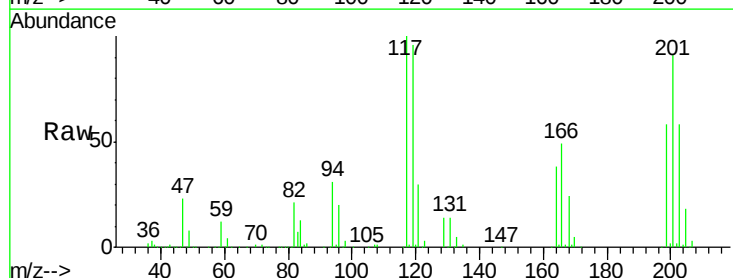
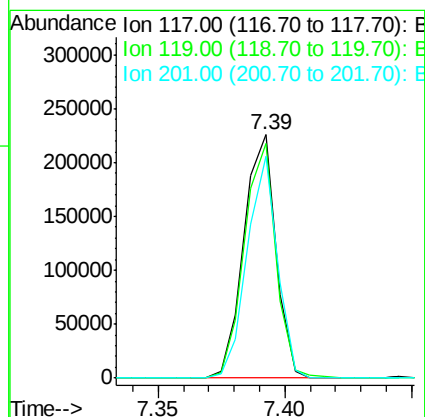
Manual Integrations
APPROVED

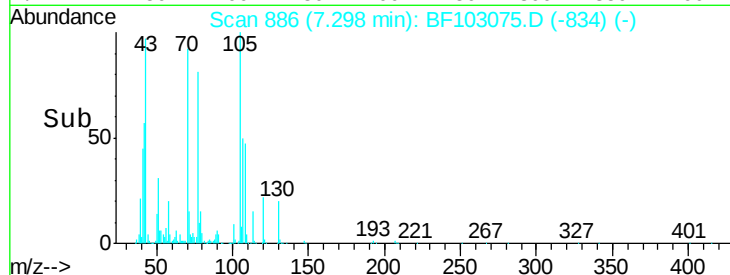
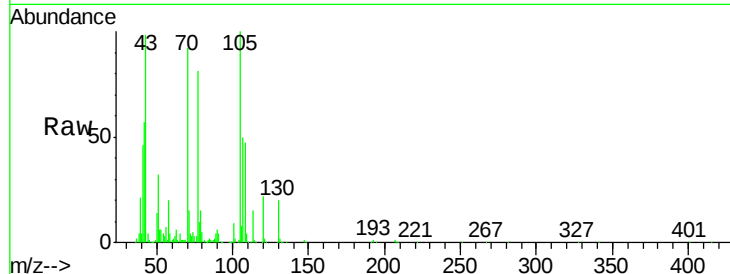
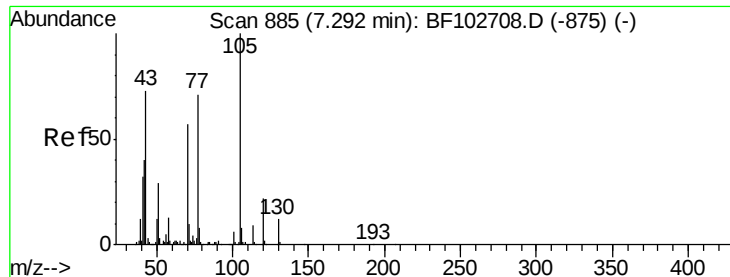
Sohil
2/20/2018 10:20:20 AM



#18
Hexachloroethane
Concen: 43.179 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion:	117	Resp:	198949
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.8	113.8
201	91.0	75.7	113.5





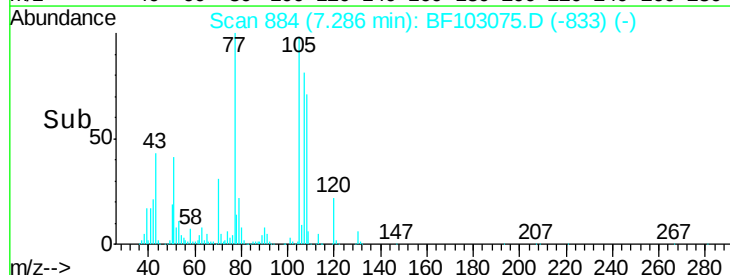
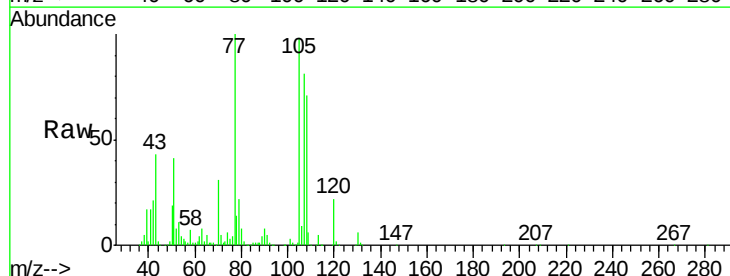
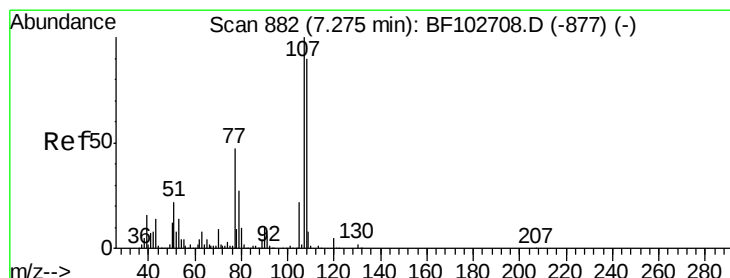
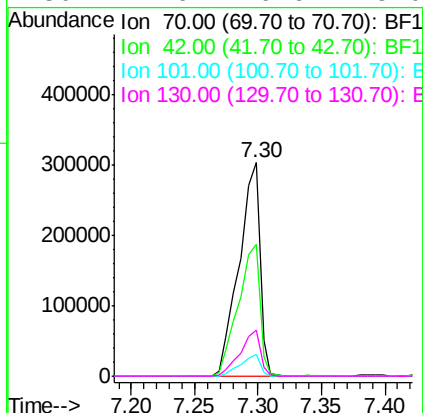
#19
n-Nitroso-di-n-propylamine
Concen: 38.740 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	10.3	7.4	11.2
130	21.6	16.6	25.0

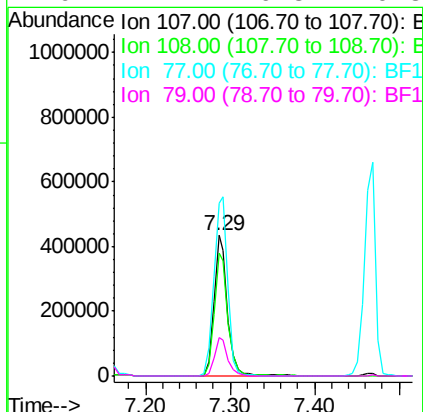
Manual Integrations
APPROVED

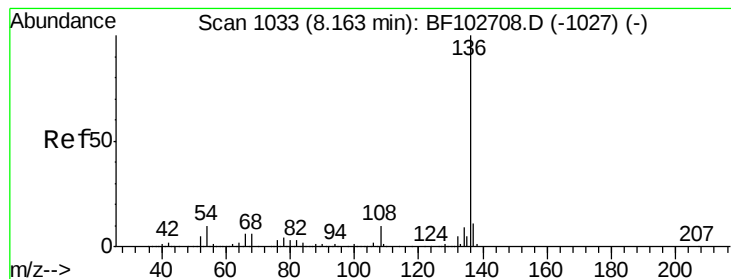
Sohil
2/20/2018 10:20:20 AM



#20
3+4-Methylphenols
Concen: 36.700 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	123.3	26.7	66.7#
79	27.1	6.3	46.3





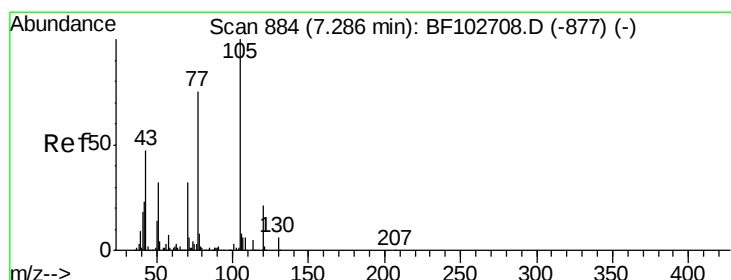
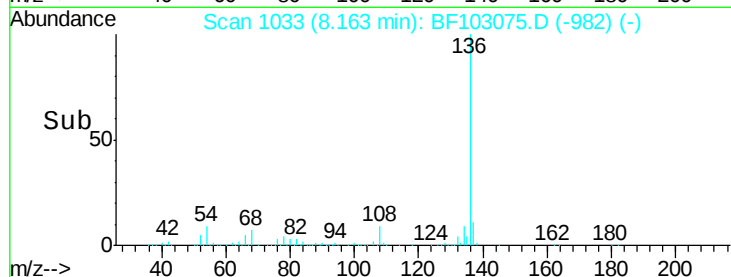
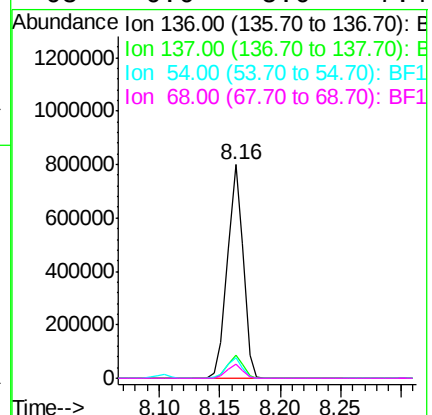
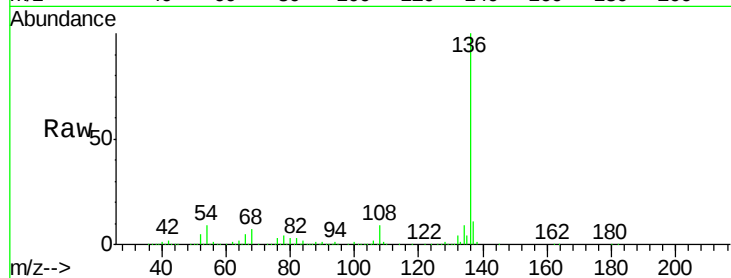
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	721140		
137	11.0	8.9	13.3	
54	9.5	6.6	9.8	
68	6.6	5.0	7.4	

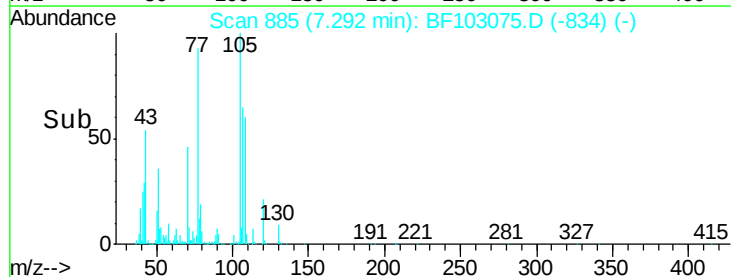
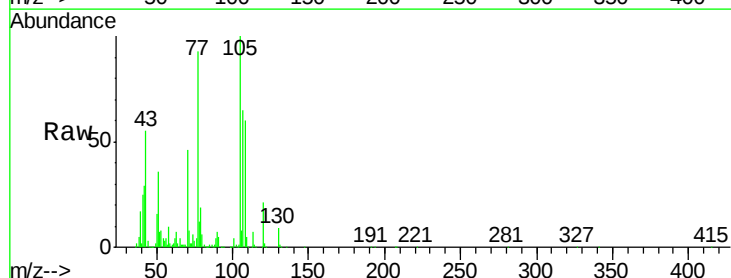
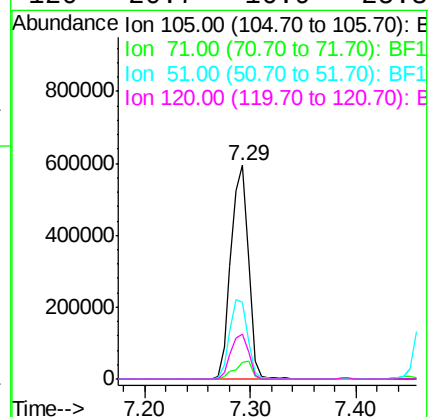
Manual Integrations
APPROVED

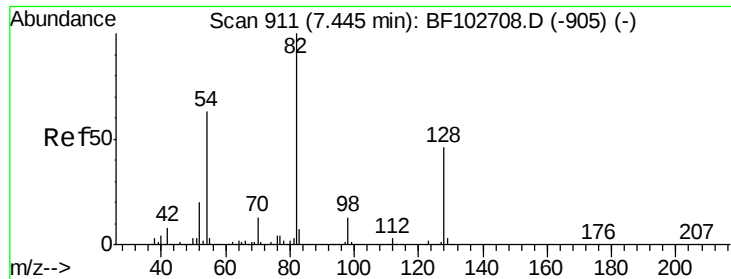
Sohil
2/20/2018 10:20:20 AM



#22
Acetophenone
Concen: 38.791 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	684546		
71	8.0	4.4	6.6#	
51	35.8	22.3	33.5#	
120	20.7	16.9	25.3	





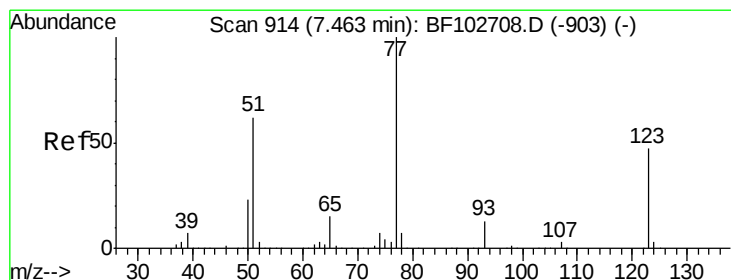
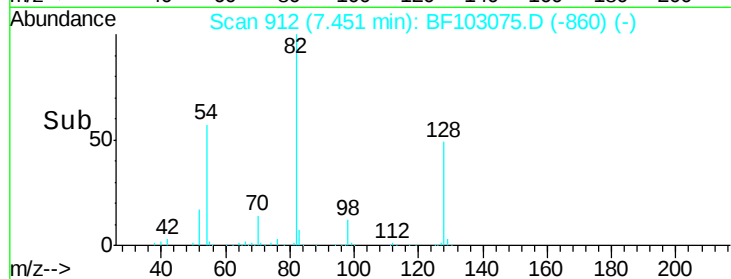
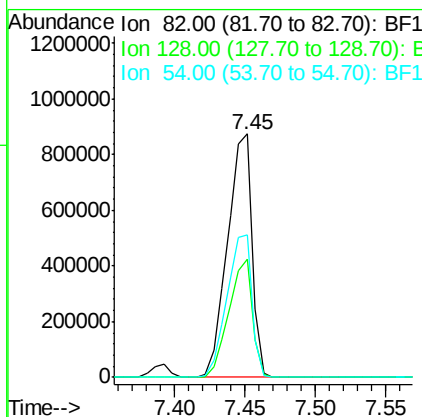
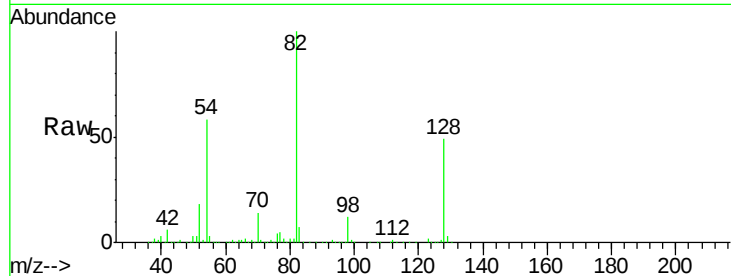
#23
Nitrobenzene-d5
Concen: 101.499 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion: 82 Resp: 1055134
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 58.3 41.4 62.2

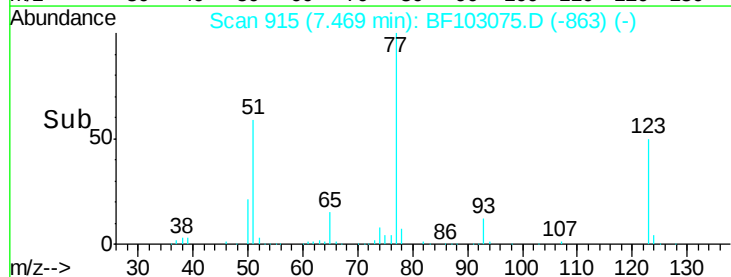
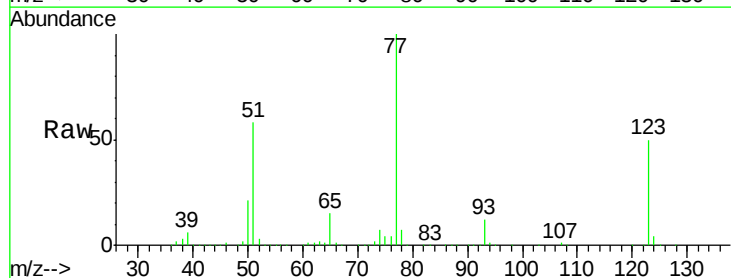
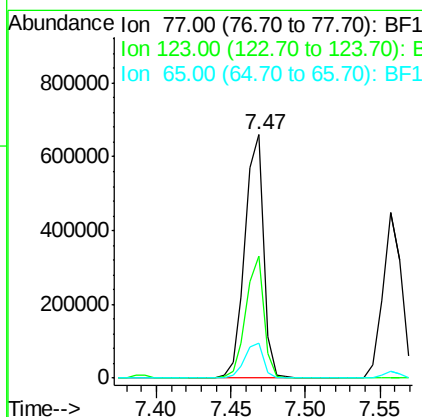
Manual Integrations
APPROVED

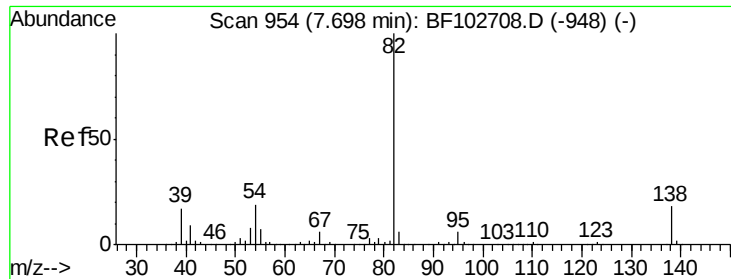
Sohil
2/20/2018 10:20:20 AM



#24
Nitrobenzene
Concen: 46.820 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion: 77 Resp: 572484
Ion Ratio Lower Upper
77 100
123 50.3 37.9 56.9
65 14.5 11.0 16.4





#25

Isophorone

Concen: 44.798 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMSD

Tgt Ion: 82 Resp: 1072328

Ion Ratio Lower Upper

82 100

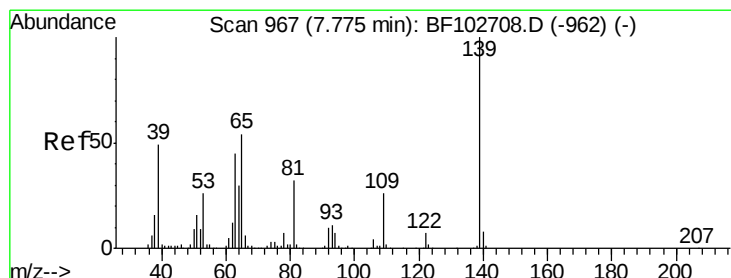
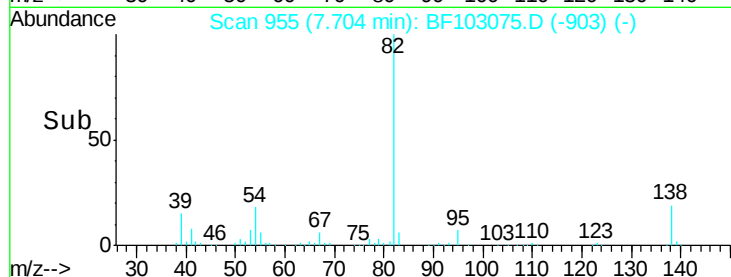
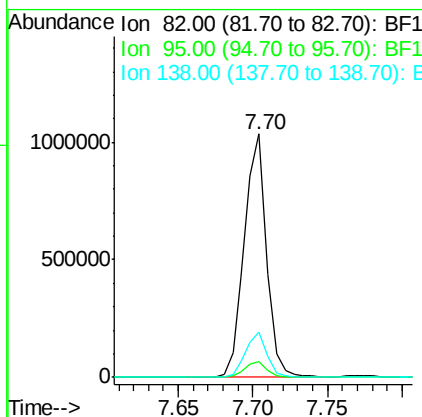
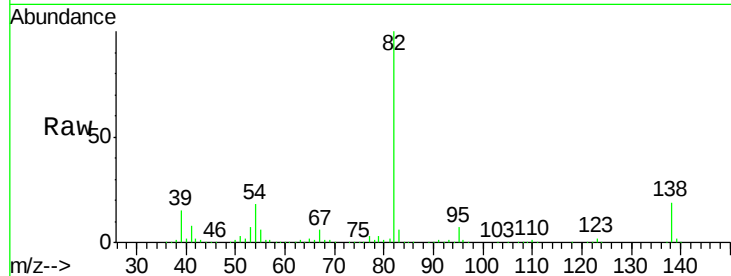
95 6.7 5.2 7.8

138 18.7 14.9 22.3

Manual Integrations
APPROVED

Sohil

2/20/2018 10:20:20 AM



#26

2-Nitrophenol

Concen: 57.504 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

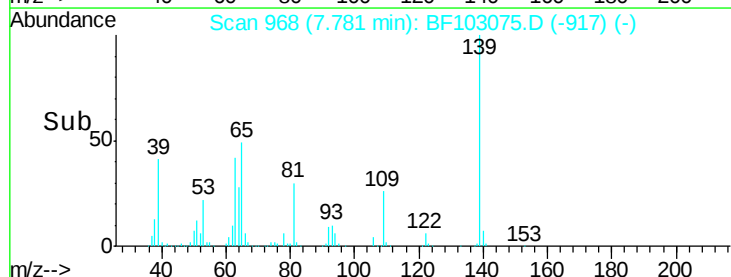
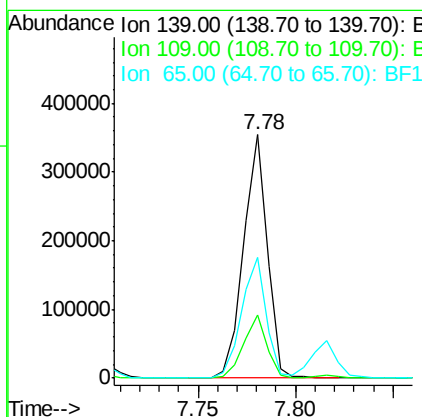
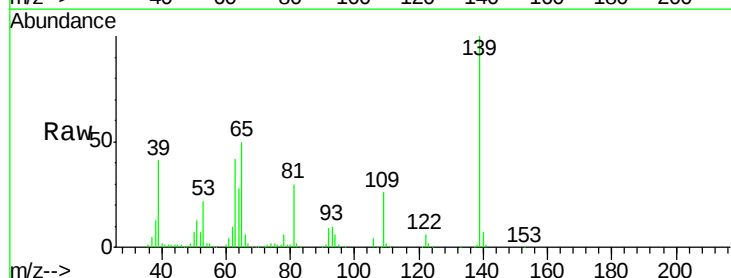
Tgt Ion: 139 Resp: 299396

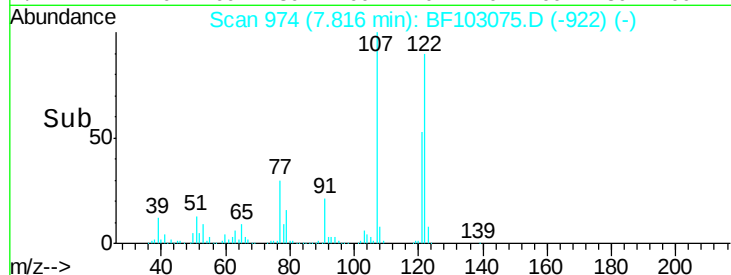
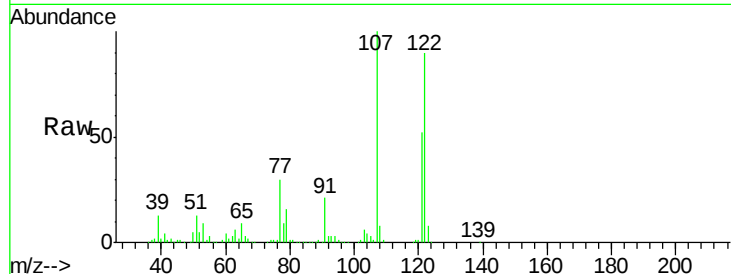
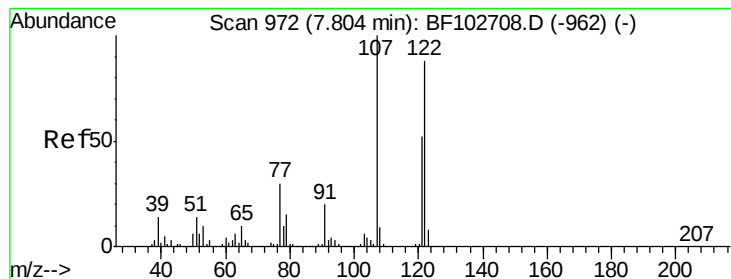
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 49.7 40.5 60.7





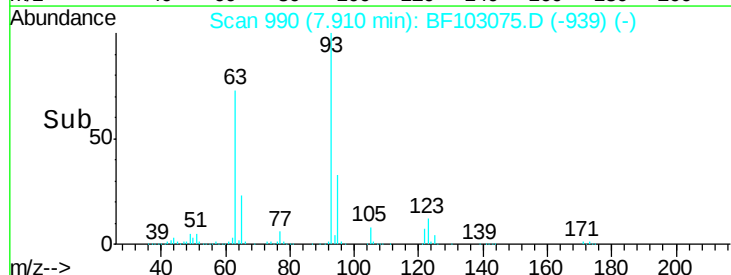
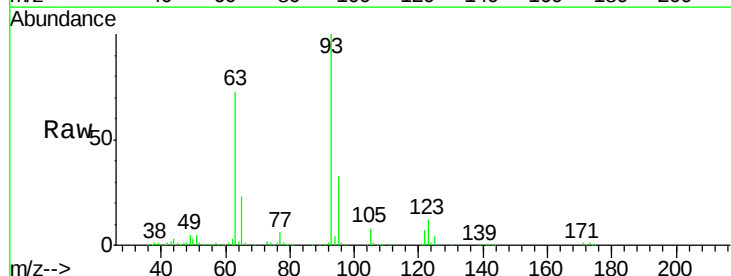
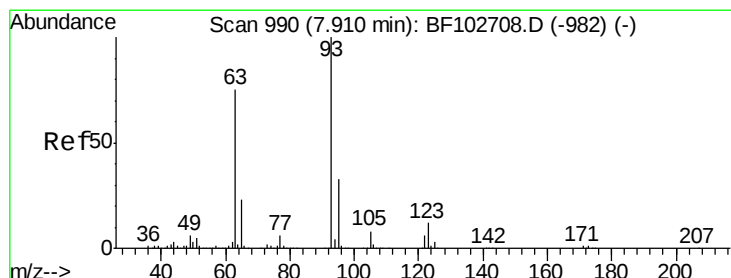
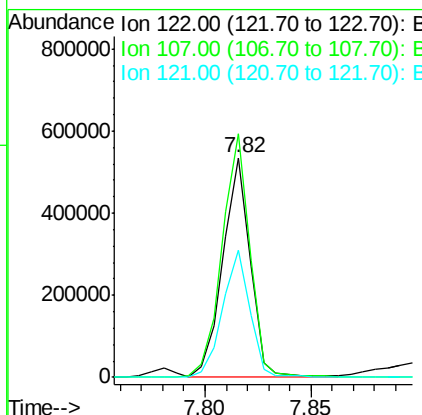
#27
2,4-Dimethylphenol
Concen: 47.521 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	480575		
107	111.0	91.2	136.8	
121	58.2	47.2	70.8	

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

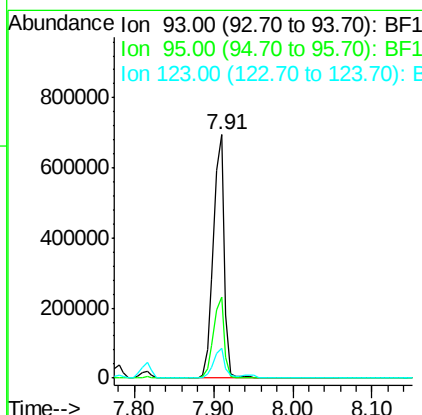
Manual Integrations
APPROVED

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



#28
bis(2-Chloroethoxy)methane
Concen: 46.979 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	666167		
95	33.3	26.3	39.5	
123	12.0	9.8	14.6	





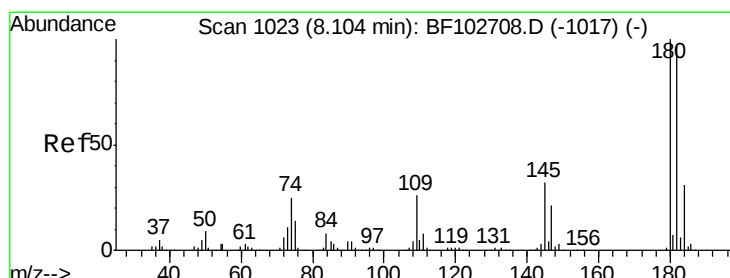
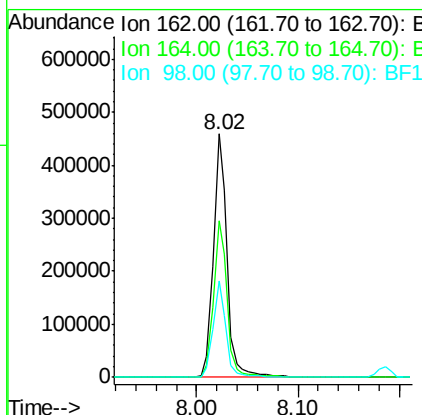
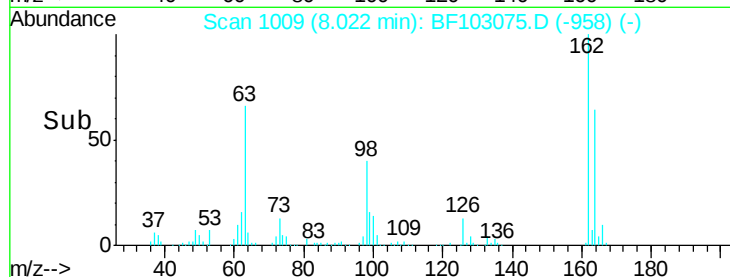
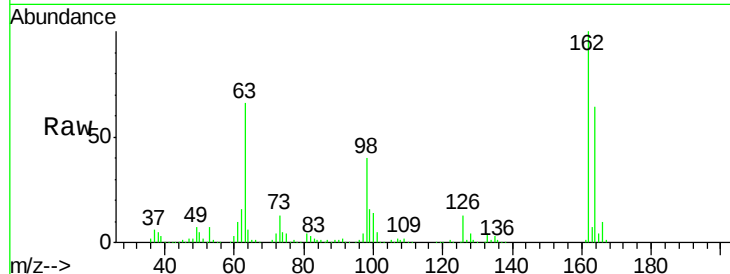
#29
 2,4-Dichlorophenol
 Concen: 46.909 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion:	162	Resp:	431250
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	39.6	18.1	58.1

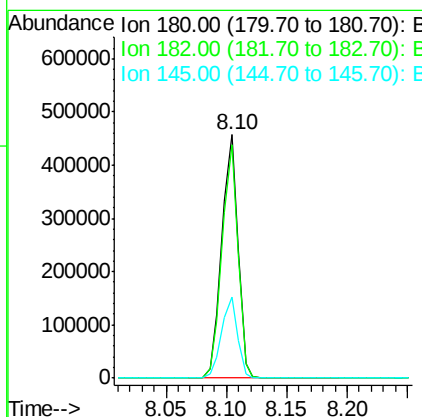
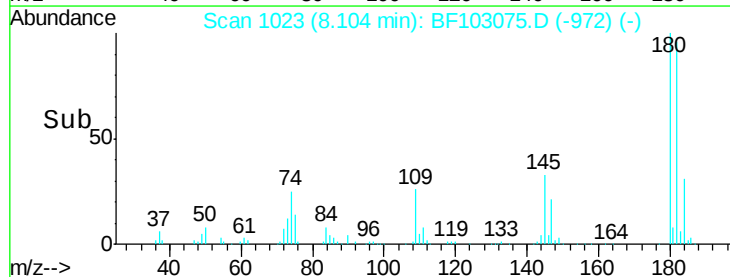
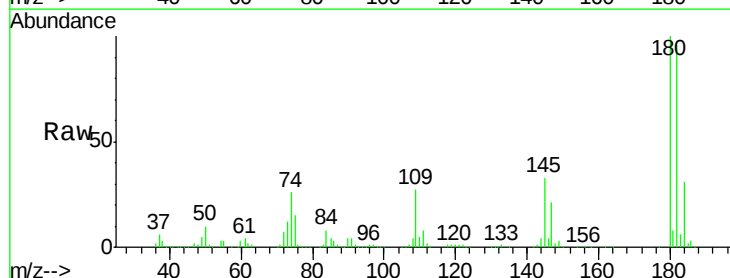
Manual Integrations
 APPROVED

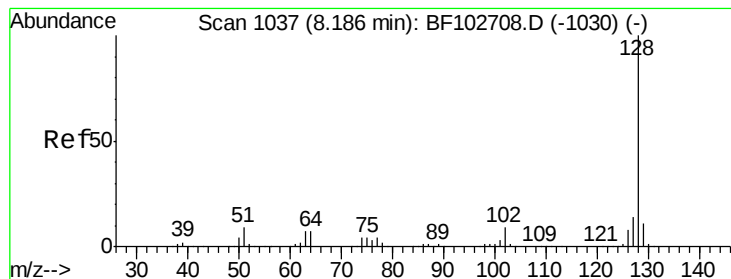
Sohil
 2/20/2018 10:20:20 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.884 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion:	180	Resp:	425205
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.8	115.2
145	33.3	26.5	39.7





#31

Naphthalene

Concen: 41.738 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:128 Resp: 1470555

Ion Ratio Lower Upper

128 100

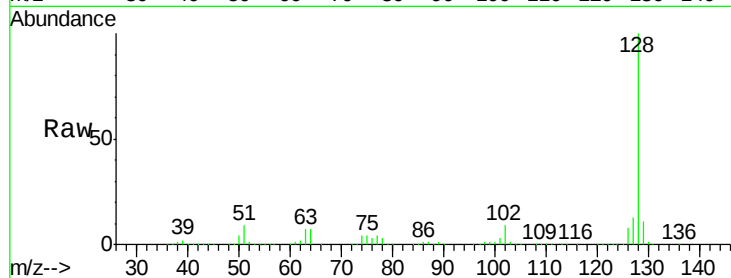
129 11.2 8.8 13.2

127 13.4 10.9 16.3

Manual Integrations
APPROVED

Sohil

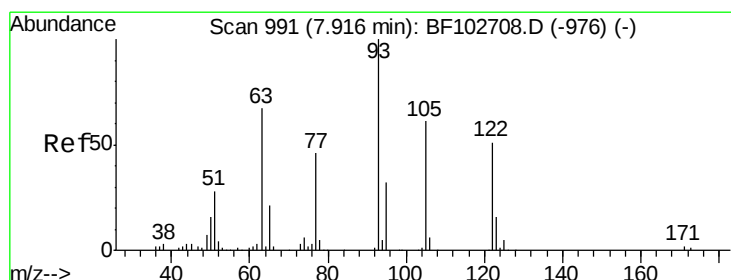
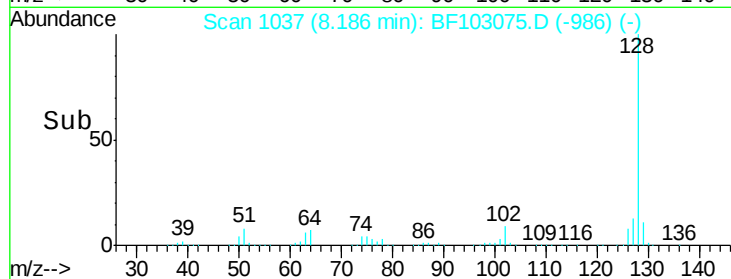
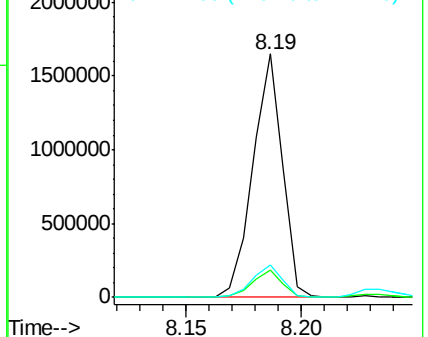
2/20/2018 10:20:20 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.005 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

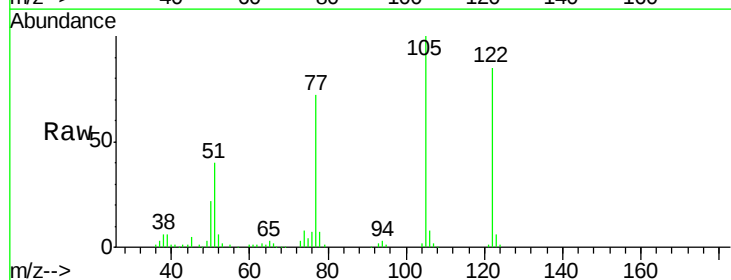
Tgt Ion:122 Resp: 303436

Ion Ratio Lower Upper

122 100

105 118.1 101.1 141.1

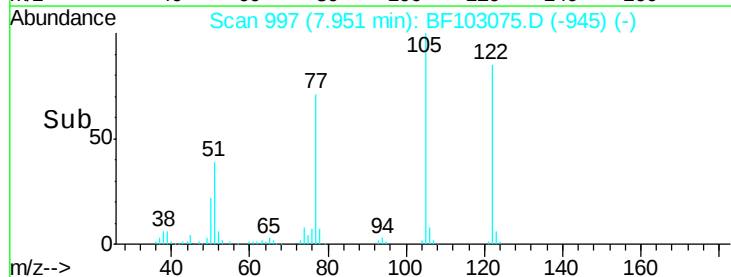
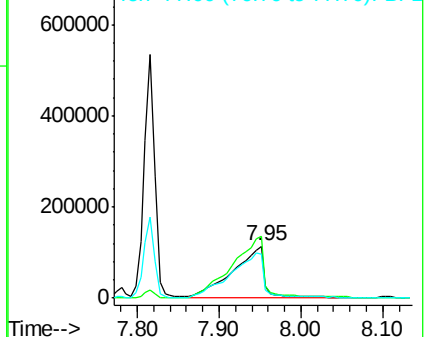
77 85.2 70.7 110.7

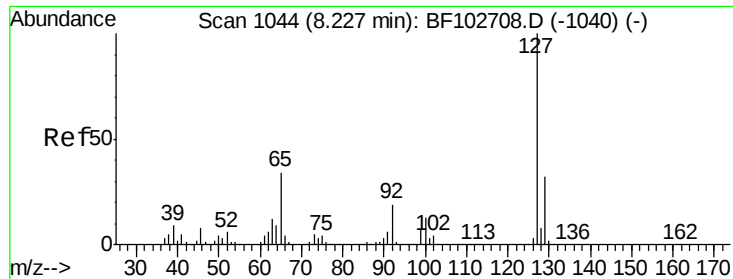


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





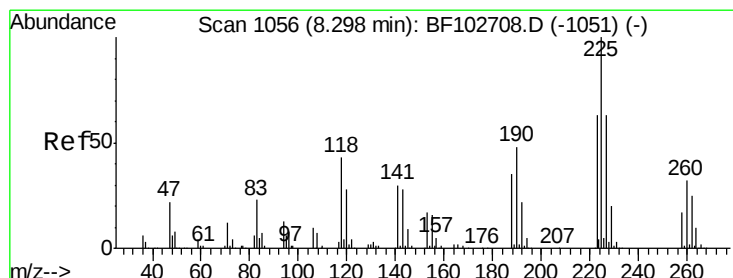
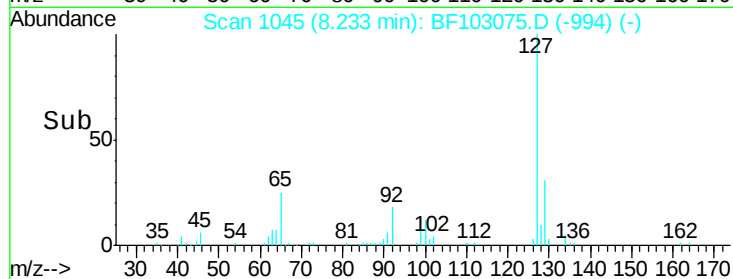
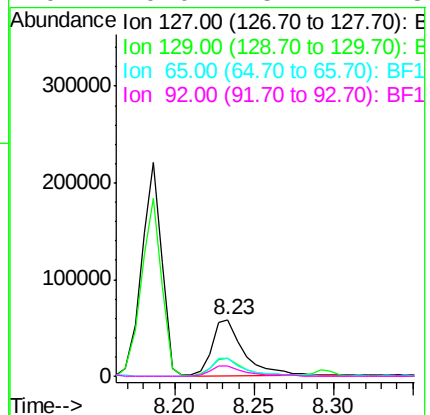
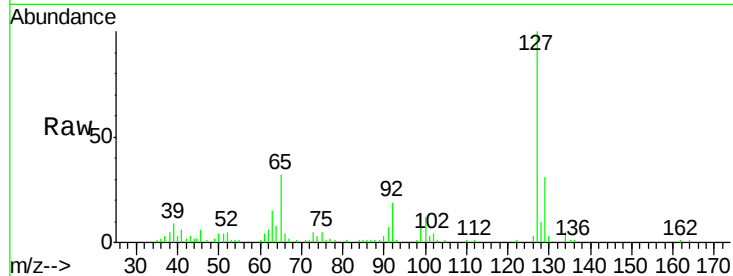
#33
4-Chloroaniline
Concen: 5.310 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	80590		
129	31.0	25.9	38.9	
65	31.8	25.0	37.4	
92	19.0	15.2	22.8	

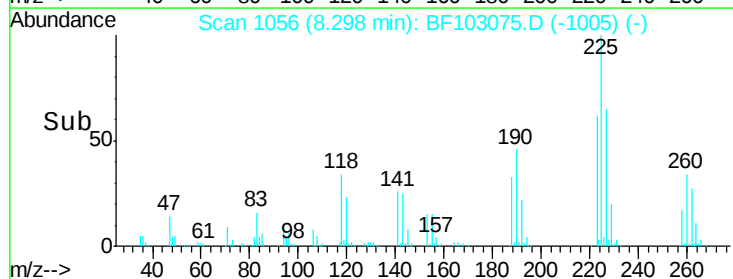
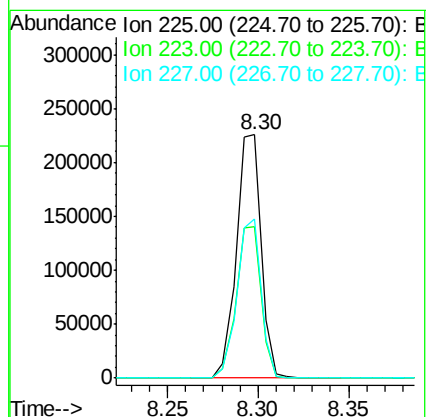
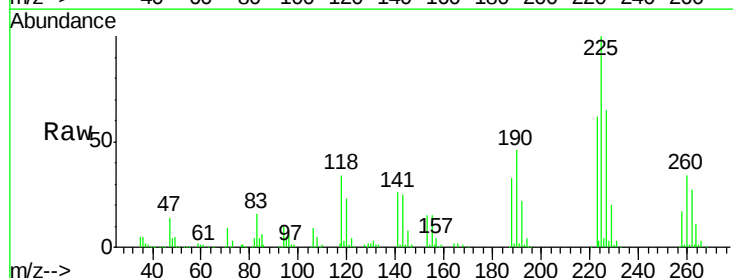
Manual Integrations
APPROVED

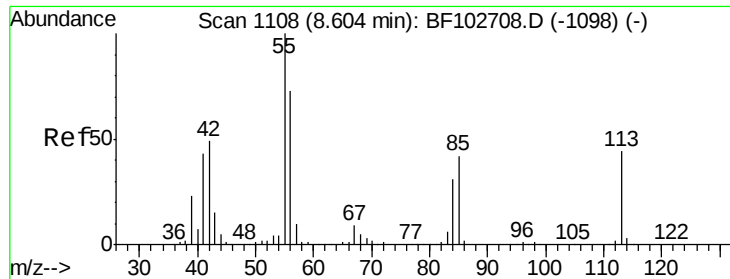
Sohil
2/20/2018 10:20:20 AM



#34
Hexachlorobutadiene
Concen: 40.252 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	214518		
223	62.4	50.6	76.0	
227	65.4	51.9	77.9	





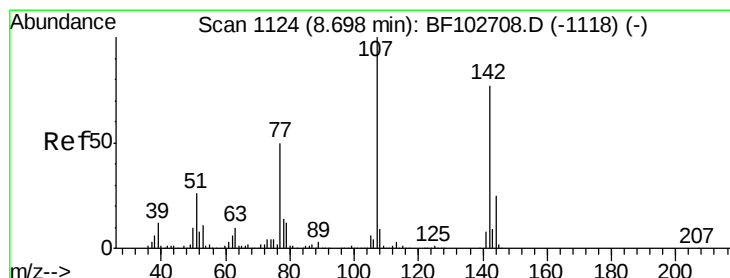
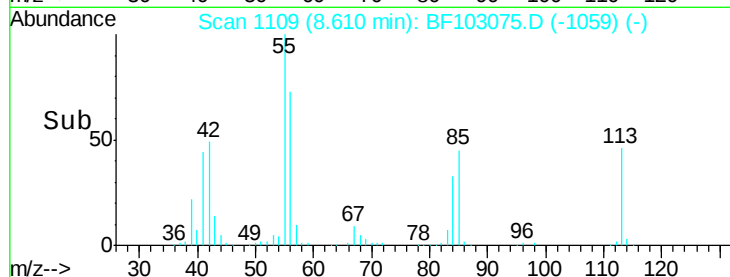
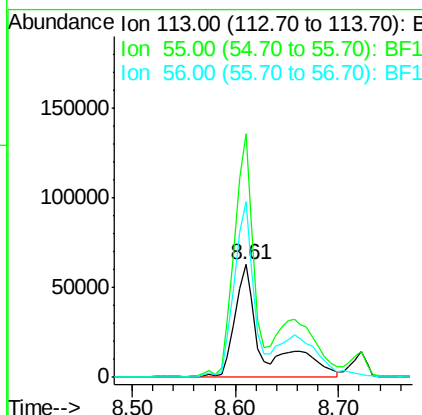
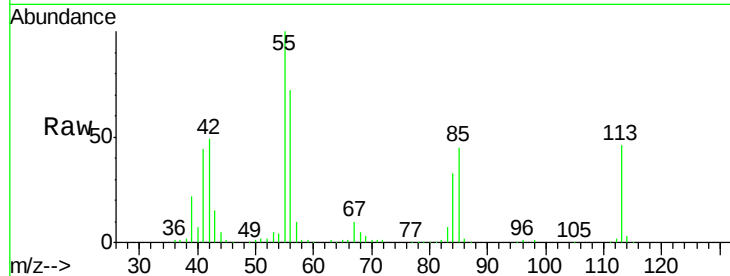
#35
 Caprolactam
 Concen: 38.234 ng m
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion:113 Resp: 122070
 Ion Ratio Lower Upper
 113 100
 55 216.5 163.3 203.3#
 56 156.9 115.7 155.7#

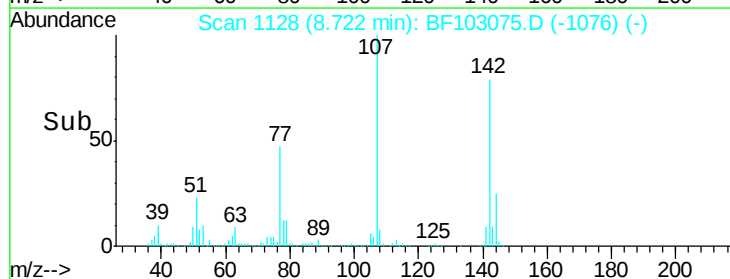
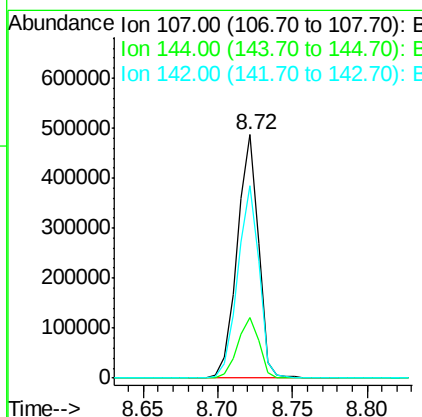
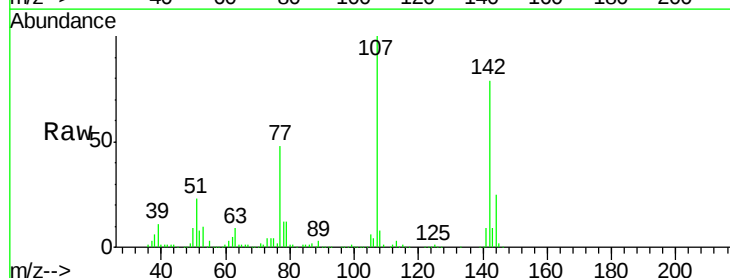
Manual Integrations
 APPROVED

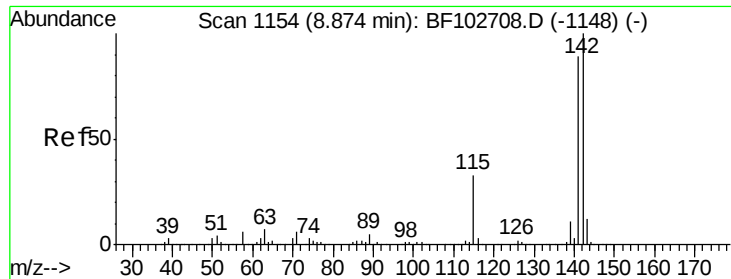
Sohil
 2/20/2018 10:20:20 AM



#36
 4-Chloro-3-methylphenol
 Concen: 47.266 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion:107 Resp: 488235
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.5 30.7
 142 79.3 62.0 93.0





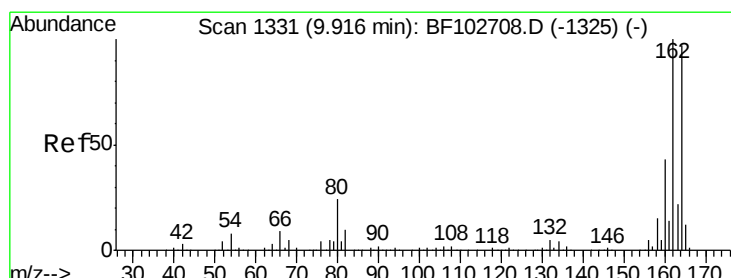
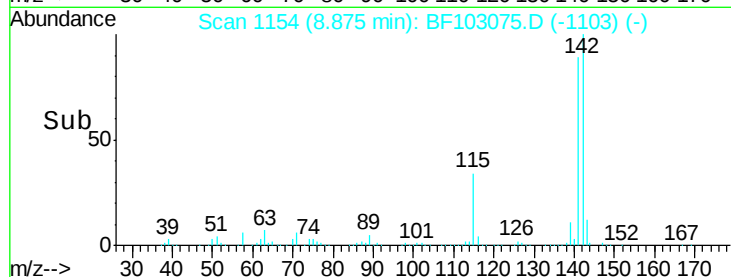
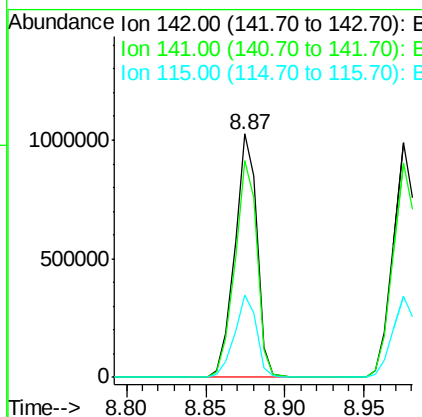
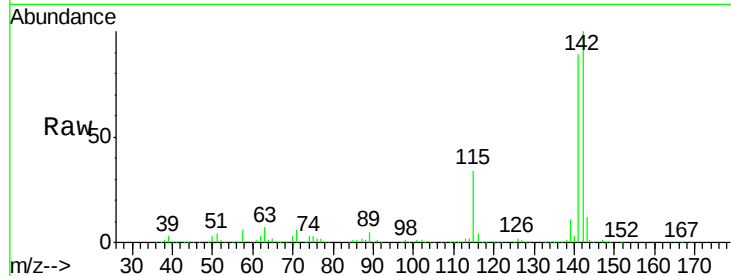
#37
2-Methylnaphthalene
Concen: 43.191 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	996313		
141	89.1	70.8	106.2	
115	33.7	26.1	39.1	

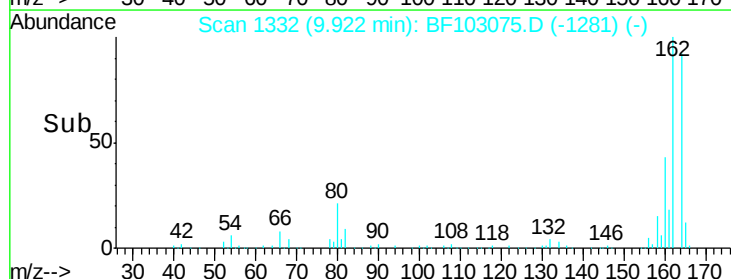
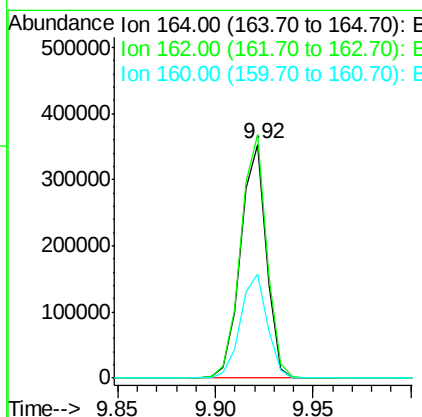
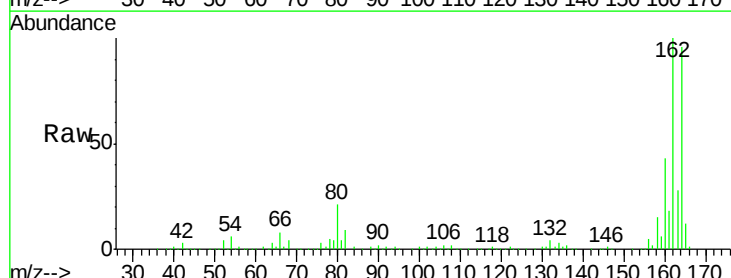
Manual Integrations
APPROVED

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



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	323754		
162	104.2	86.1	129.1	
160	44.8	38.3	57.5	





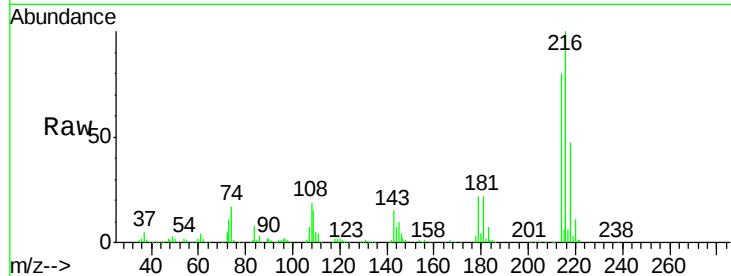
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.819 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

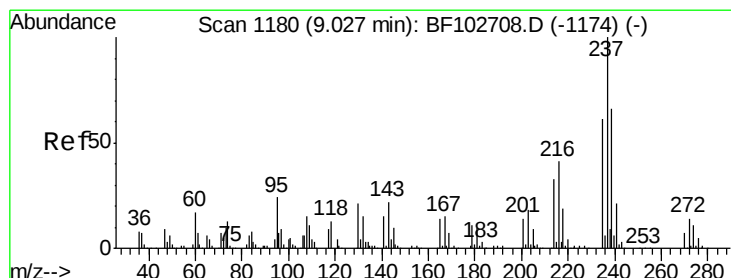
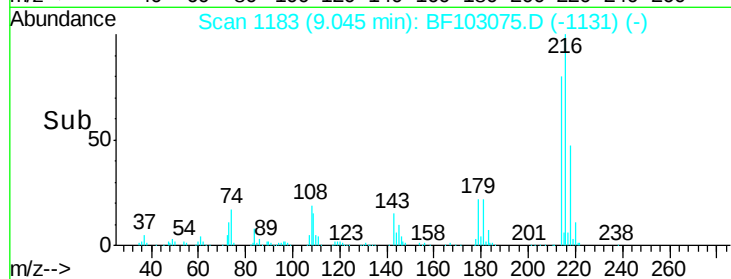
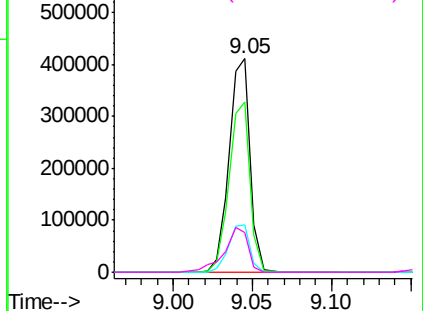
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	377458		
214	79.5	63.0	94.4	
179	22.8	18.1	27.1	
108	24.0	17.2	25.8	

Manual Integrations
 APPROVED

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

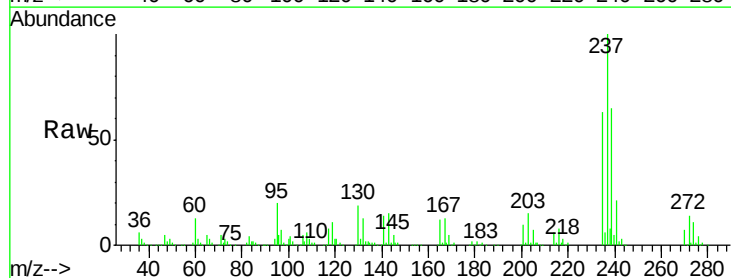


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

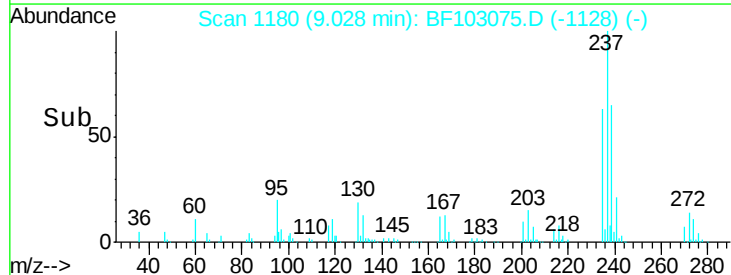
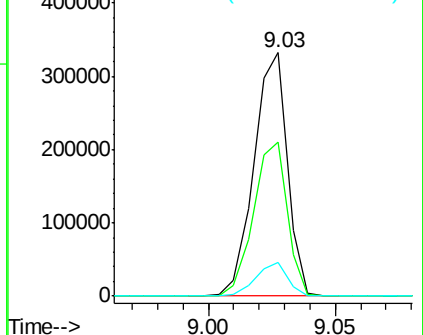


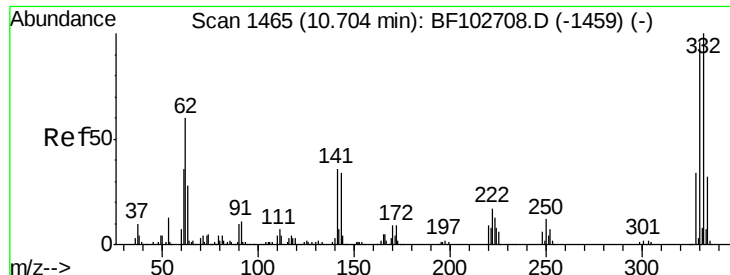
#40
 Hexachlorocyclopentadiene
 Concen: 72.962 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	305752		
235	63.4	44.8	84.8	
272	13.8	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: 137.382 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

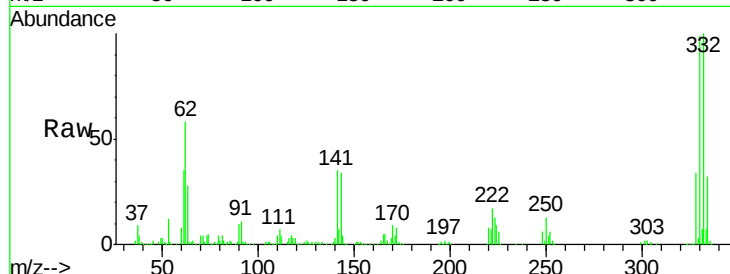
ClientSampleId :

OR-02-021518-AMSD

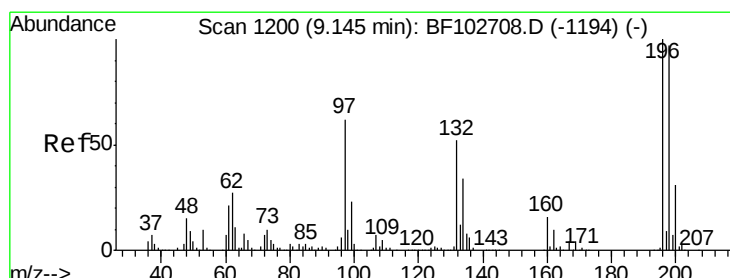
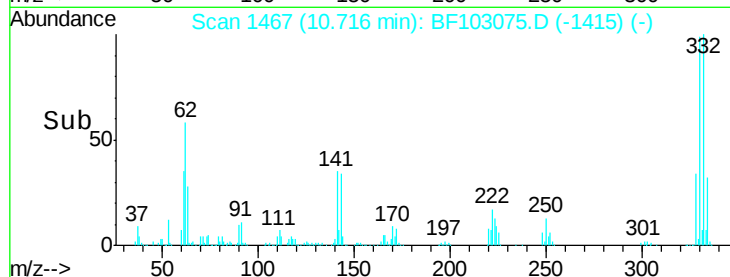
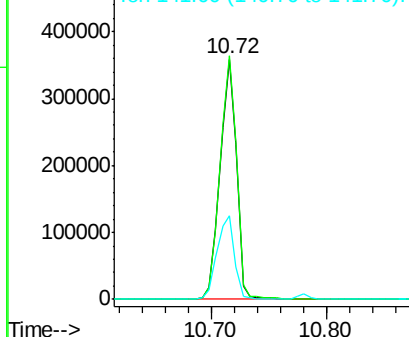
Tgt Ion:	330	Resp:	357996
Ion Ratio	Lower	Upper	
330	100		
332	101.5	77.0	115.6
141	36.8	29.9	44.9

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:20 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: 48.622 ng

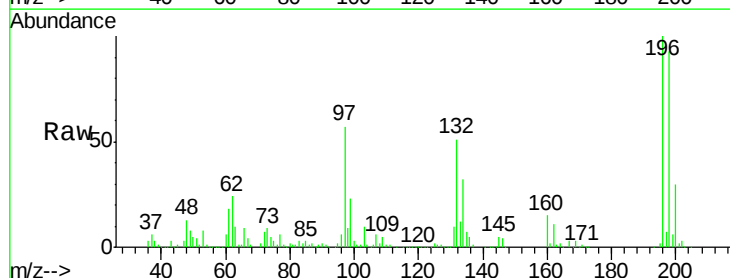
RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

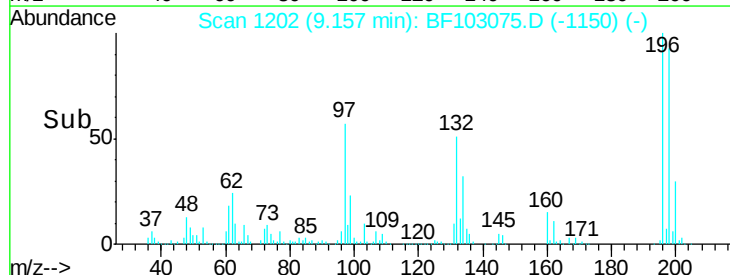
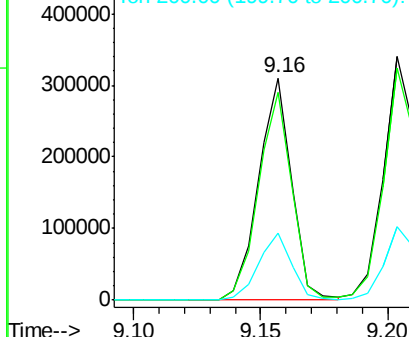
Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	196	Resp:	281525
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
200	29.9	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





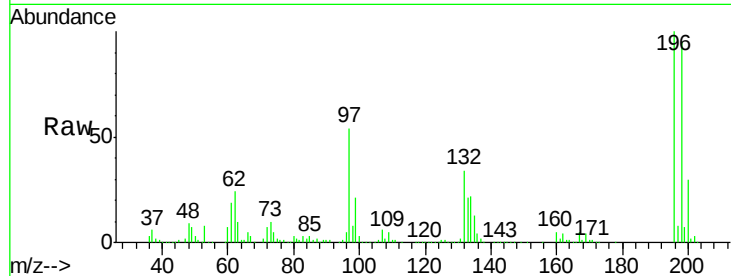
#43
 2,4,5-Trichlorophenol
 Concen: 46.565 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

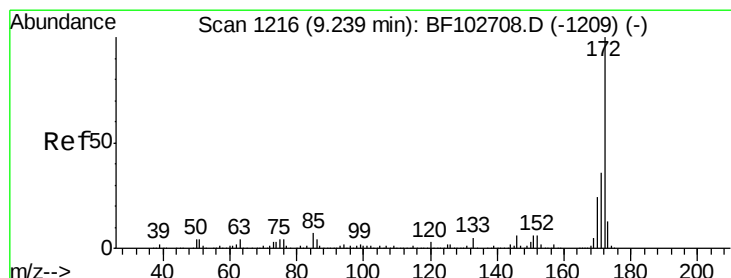
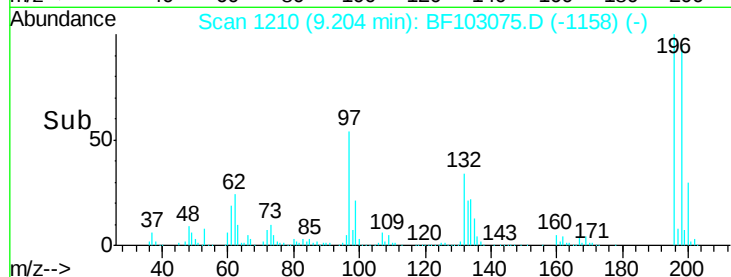
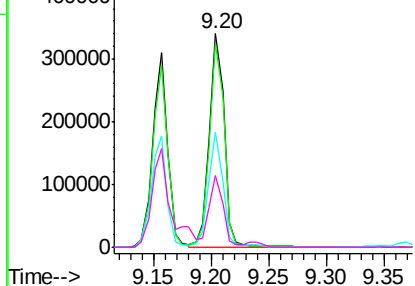
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	303880		
198	95.2	74.6	112.0	
97	53.7	42.9	64.3	
132	33.8	26.3	39.5	

Manual Integrations
 APPROVED

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

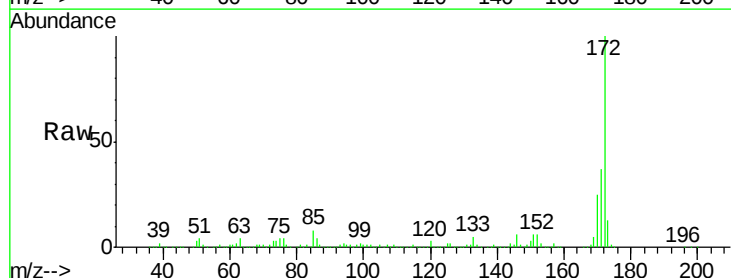


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

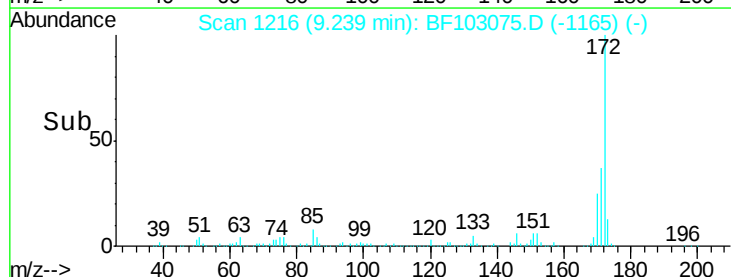
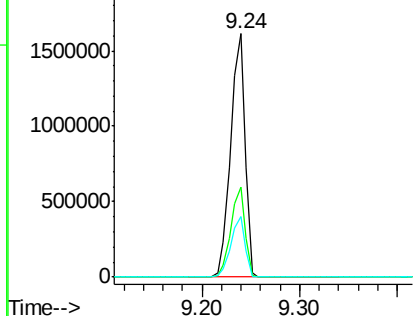


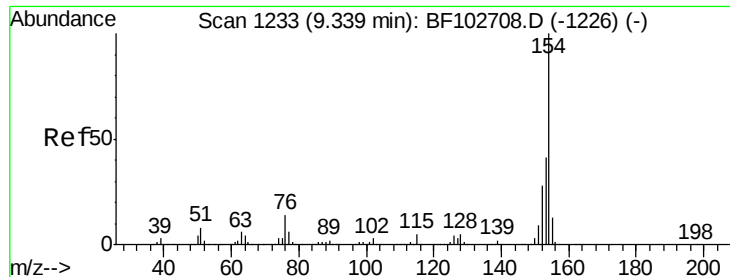
#44
 2-Fluorobiphenyl
 Concen: 84.976 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1657954		
171	37.1	29.7	44.5	
170	24.7	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





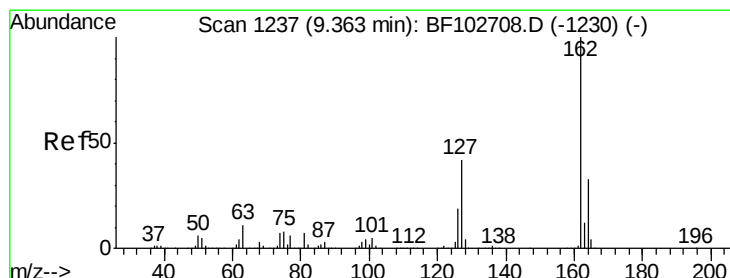
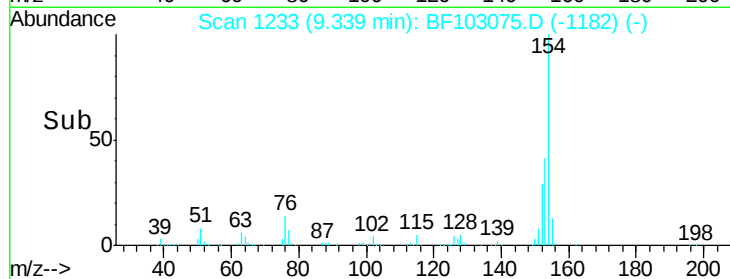
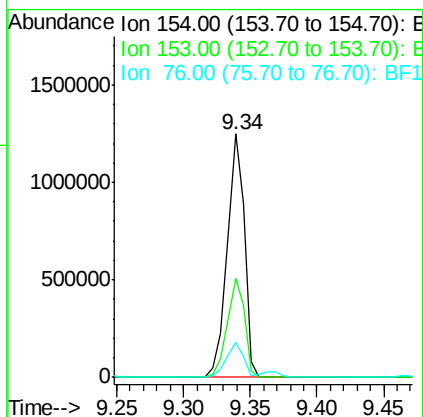
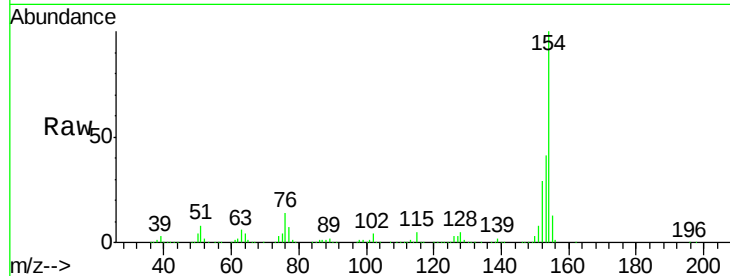
#45
 1,1'-Biphenyl
 Concen: 41.884 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.4	0.0	34.0

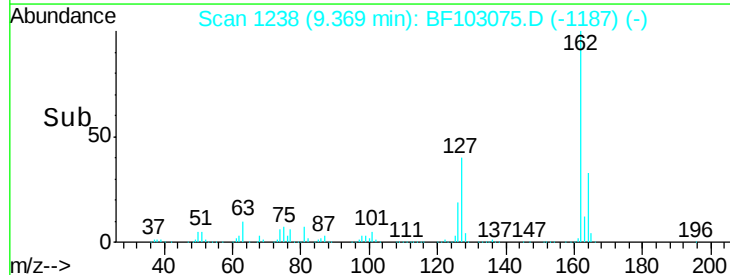
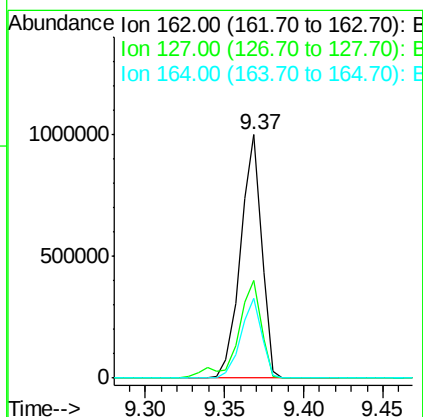
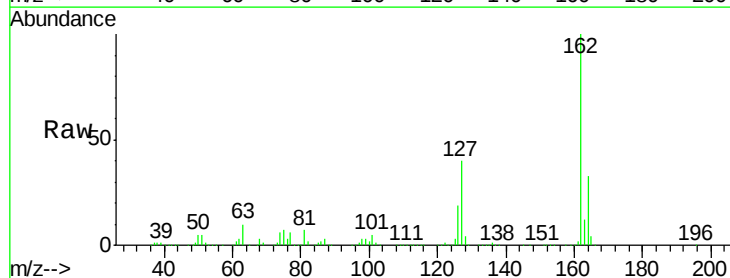
Manual Integrations
 APPROVED

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



#46
 2-Chloronaphthalene
 Concen: 42.802 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	32.8	26.5	39.7





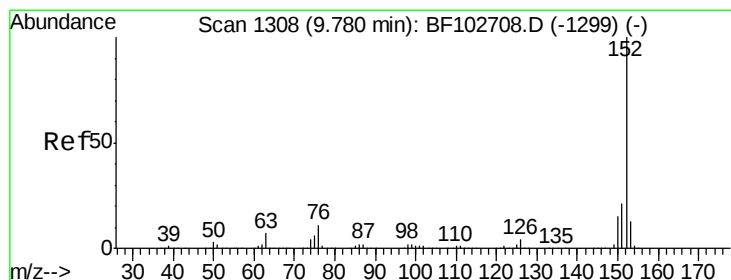
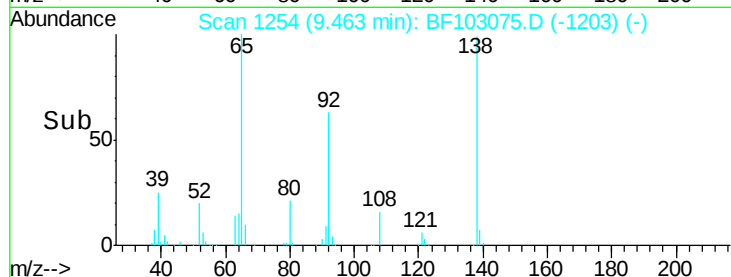
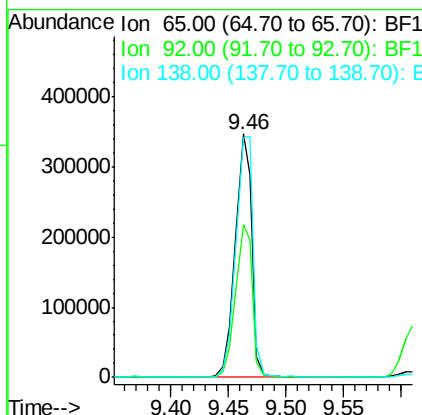
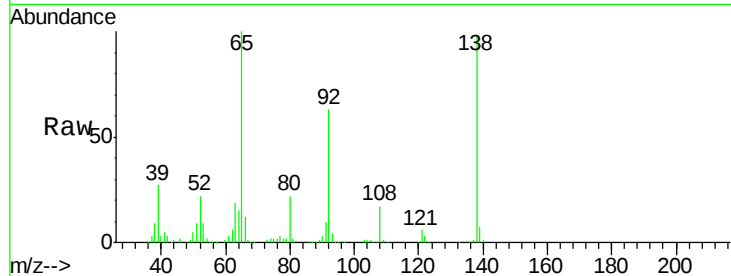
#47
2-Nitroaniline
Concen: 51.696 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	344370		
92	62.9	55.8	83.6	
138	98.3	91.2	136.8	

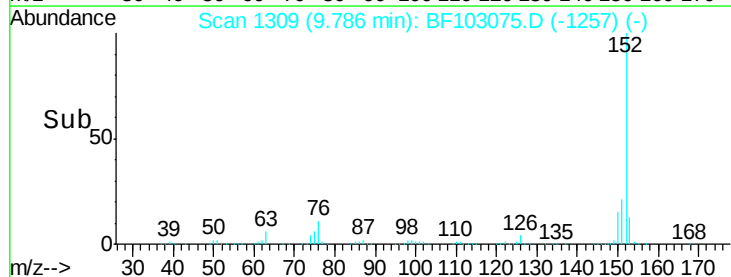
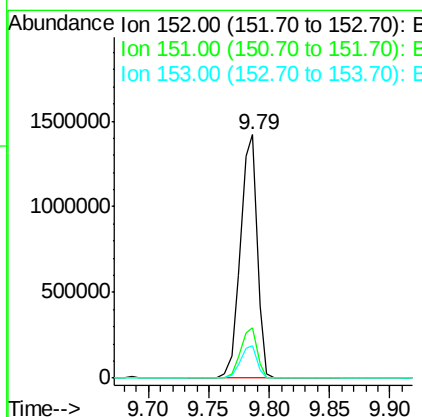
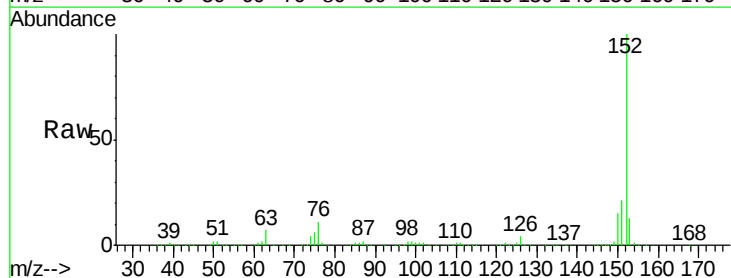
Manual Integrations
APPROVED

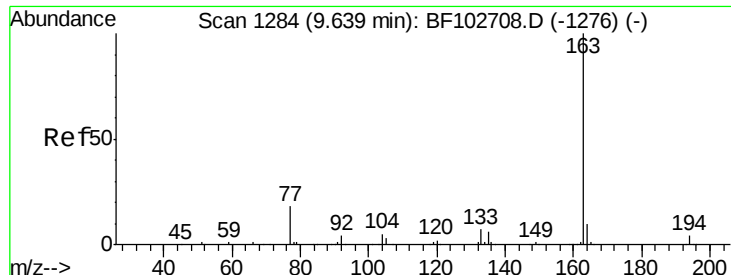
Sohil
2/20/2018 10:20:20 AM



#48
Acenaphthylene
Concen: 41.572 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1386163		
151	20.9	16.3	24.5	
153	13.2	10.7	16.1	





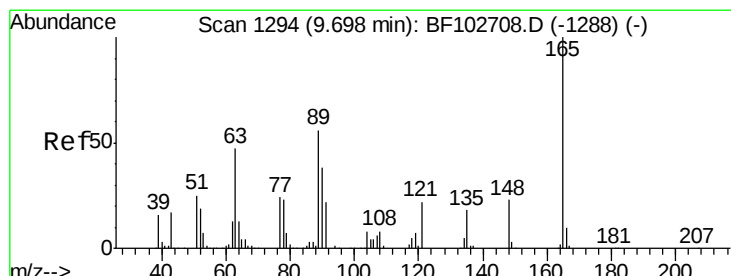
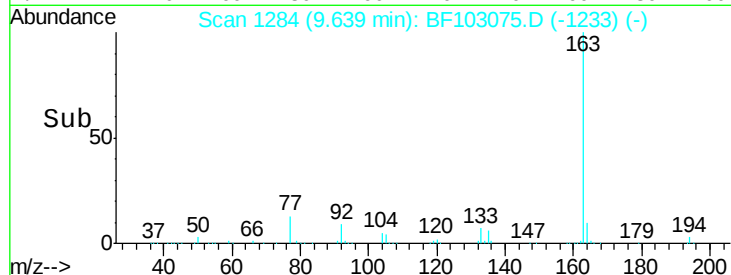
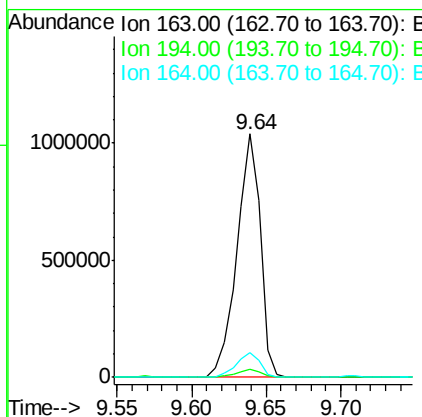
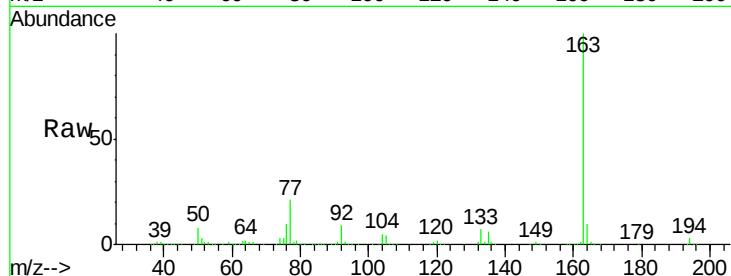
#49
Dimethylphthalate
Concen: 45.236 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion:163 Resp: 1141933
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2

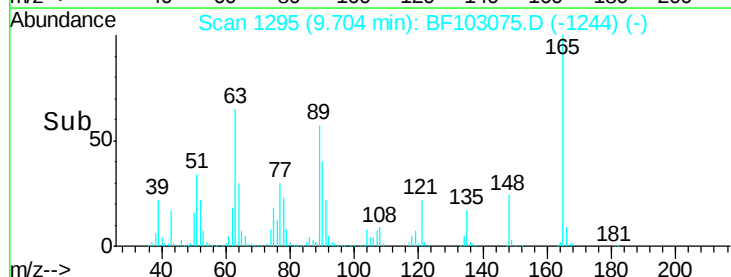
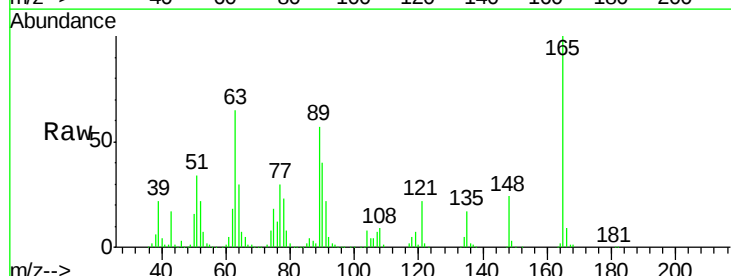
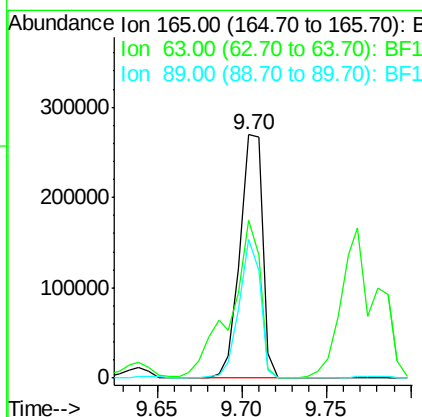
Manual Integrations
APPROVED

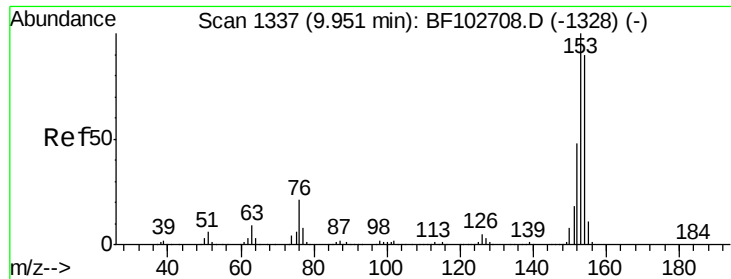
Sohil
2/20/2018 10:20:20 AM



#50
2,6-Dinitrotoluene
Concen: 52.886 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion:165 Resp: 253996
Ion Ratio Lower Upper
165 100
63 64.8 44.7 67.1
89 56.8 44.0 66.0





#51

Acenaphthene

Concen: 40.050 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103075.D

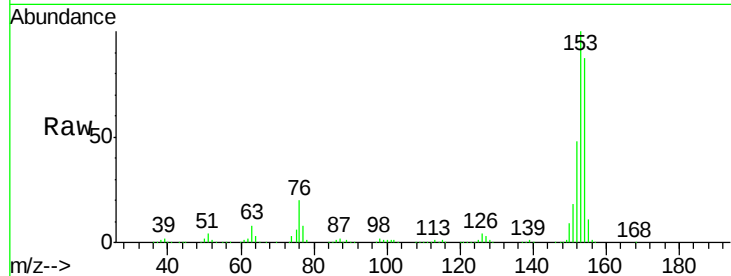
Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMSD



Tgt Ion:154 Resp: 798620

Ion Ratio Lower Upper

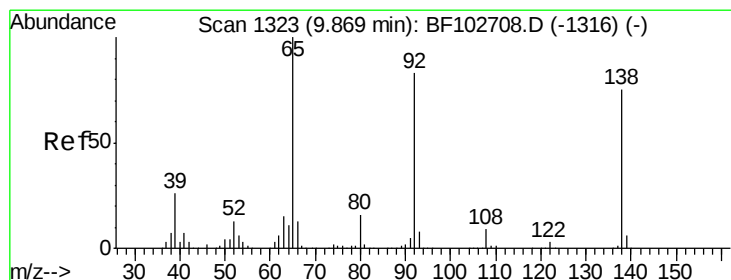
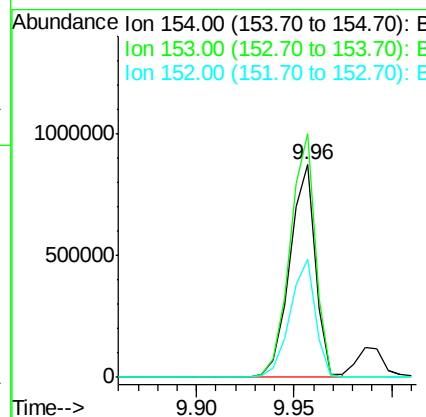
154 100

153 114.5 91.2 136.8

152 55.3 43.8 65.8

Manual Integrations
APPROVED

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



#52

3-Nitroaniline

Concen: 14.457 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

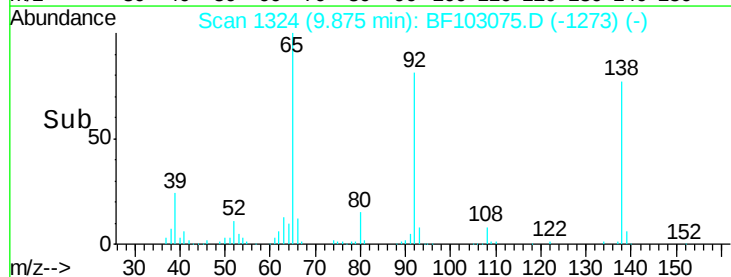
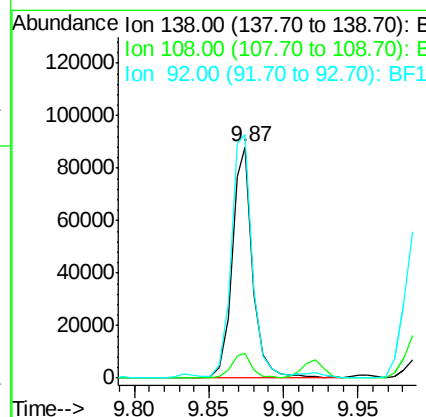
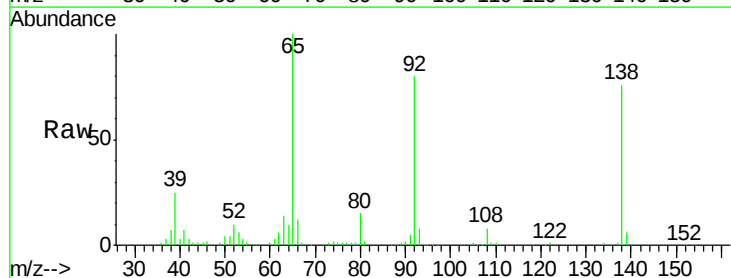
Tgt Ion:138 Resp: 85433

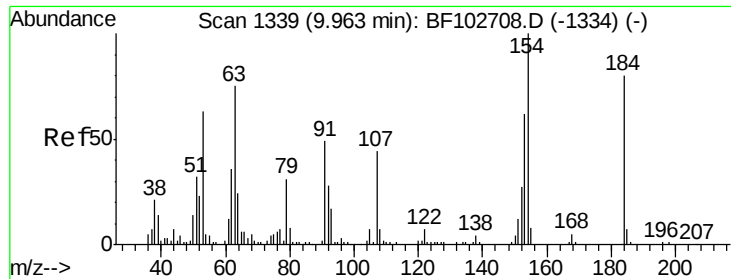
Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

92 105.2 89.4 134.2





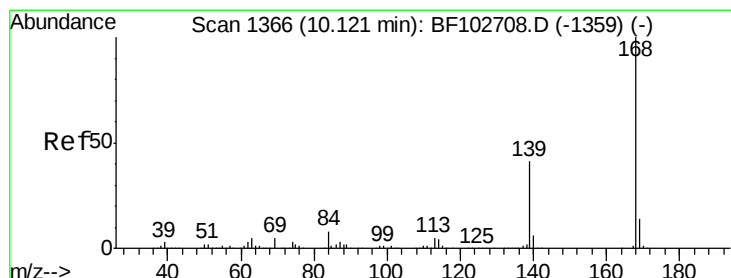
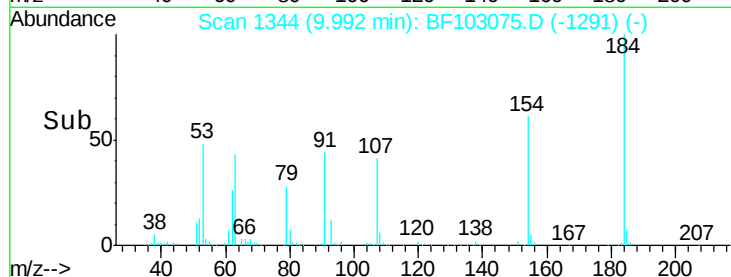
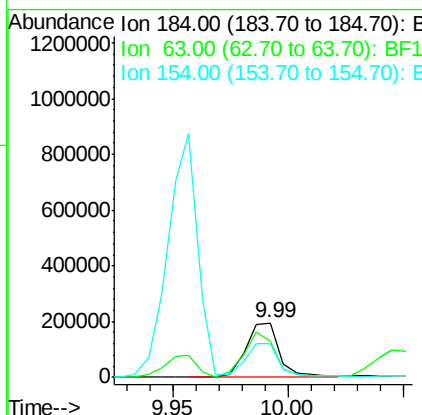
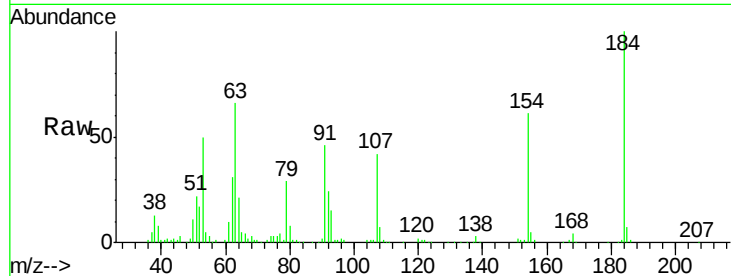
#53
2,4-Dinitrophenol
Concen: 102.651 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	198839		
63	66.2	54.2	81.2	
154	61.1	184.0	276.0	

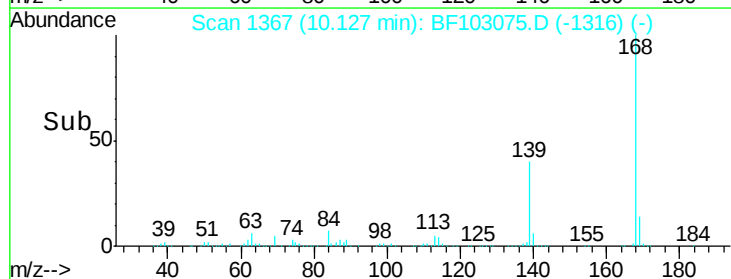
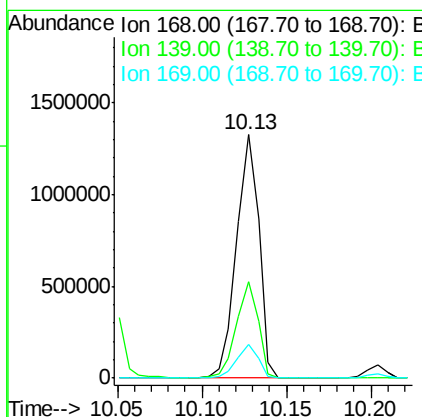
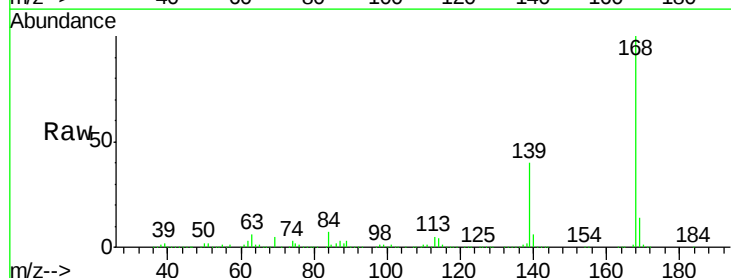
Manual Integrations
APPROVED

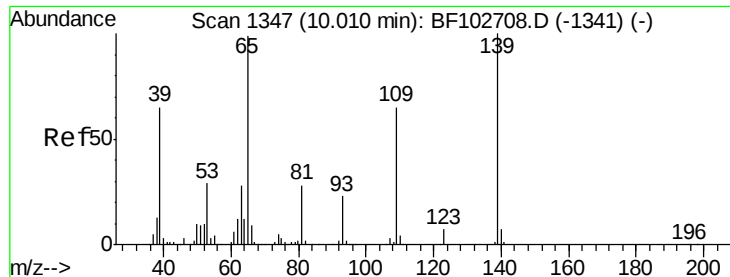
Sohil
2/20/2018 10:20:20 AM



#54
Dibenzofuran
Concen: 43.638 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1226282		
139	39.7	30.1	45.1	
169	13.7	10.9	16.3	





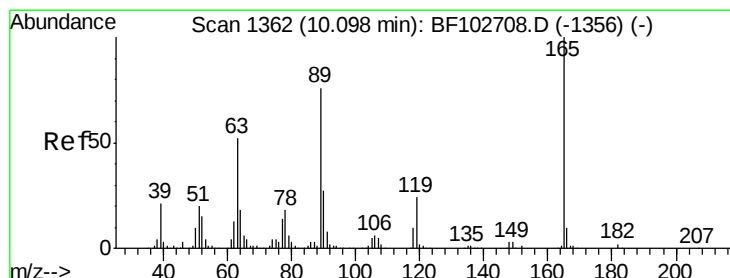
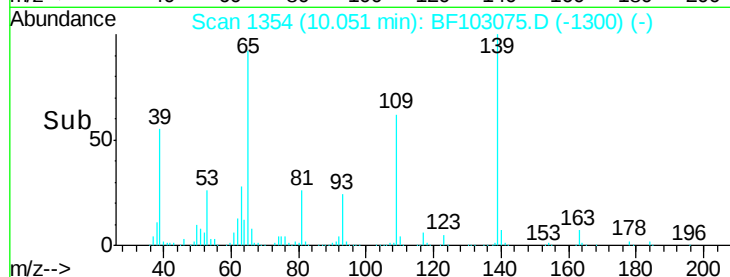
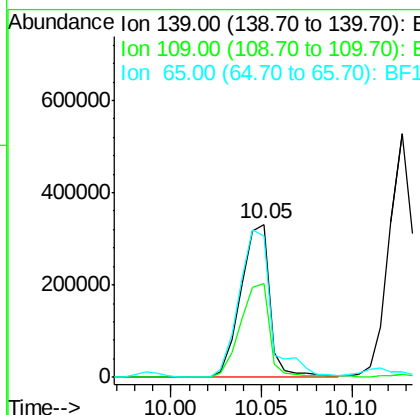
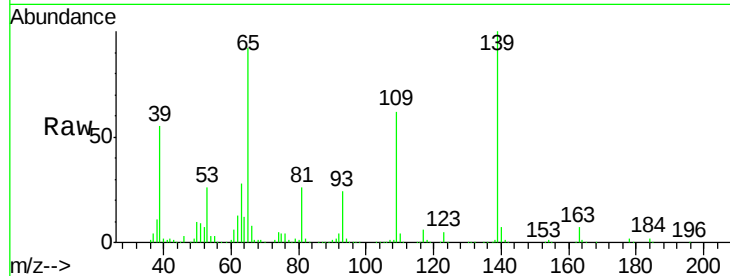
#55
4-Nitrophenol
Concen: 76.253 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	369343		
109	61.6	48.4	88.4	
65	92.1	72.6	112.6	

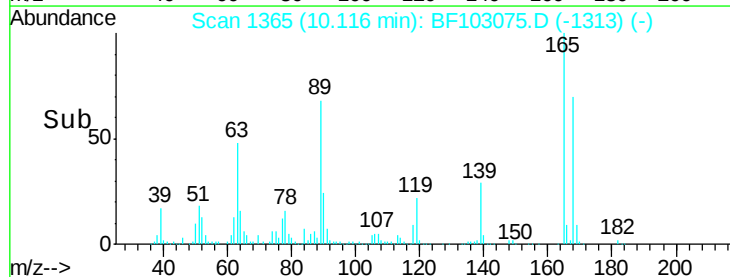
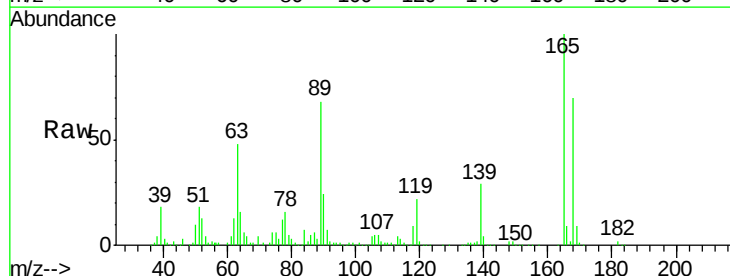
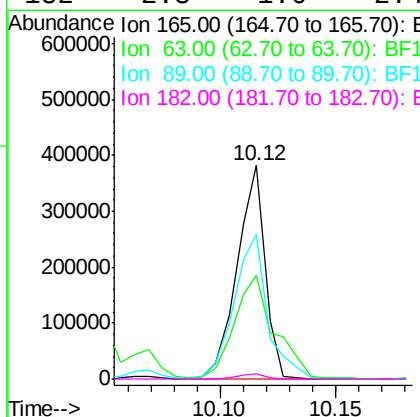
Manual Integrations
APPROVED

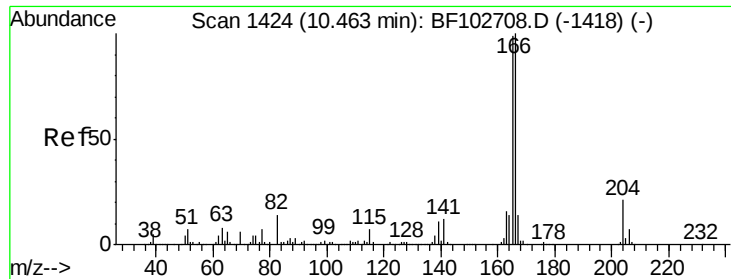
Sohil
2/20/2018 10:20:20 AM



#56
2,4-Dinitrotoluene
Concen: 50.116 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	323738		
63	48.3	36.4	54.6	
89	67.9	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 45.655 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

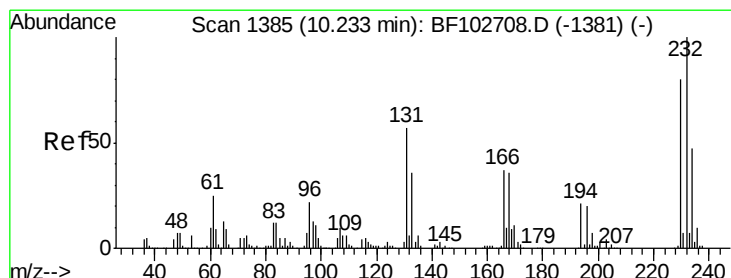
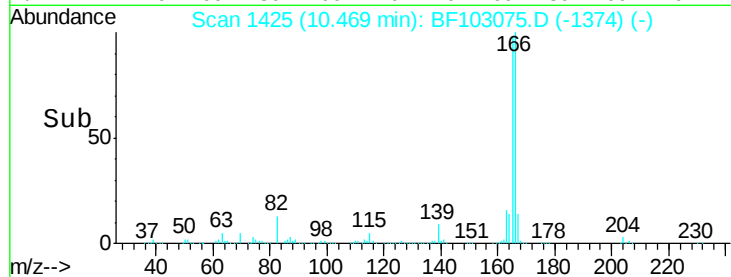
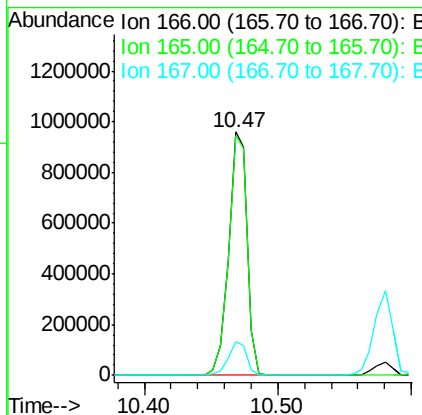
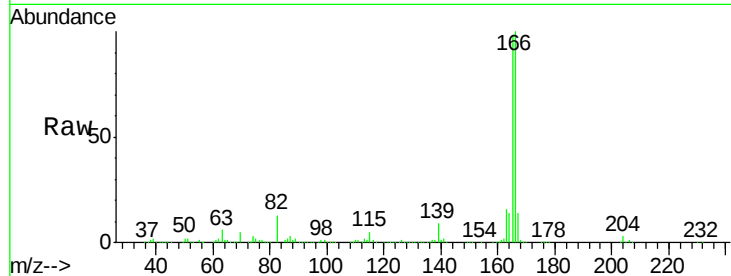
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	166	Resp:	933461
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.8	119.8
167	13.7	10.6	16.0

Manual Integrations
APPROVED

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.543 ng

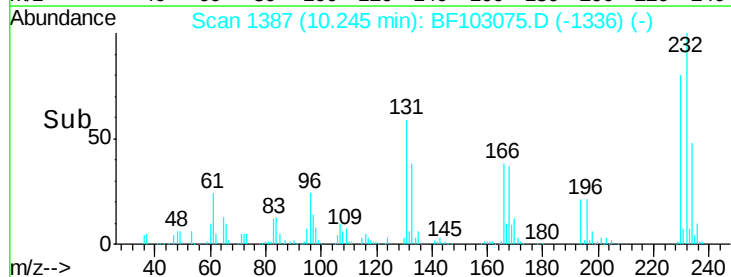
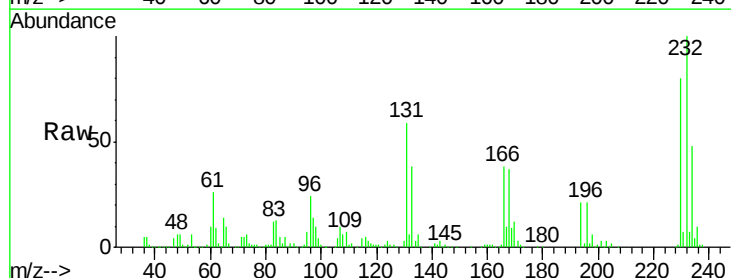
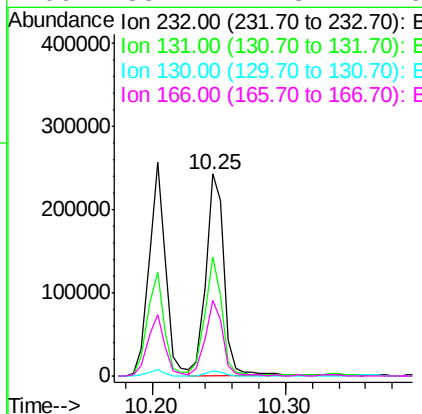
RT: 10.25 min Scan# 1387

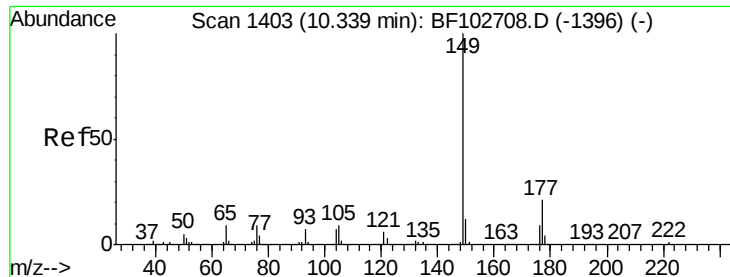
Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	232	Resp:	228611
Ion Ratio	Lower	Upper	
232	100		
131	56.8	43.8	65.8
130	2.5	2.1	3.1
166	35.4	27.8	41.6





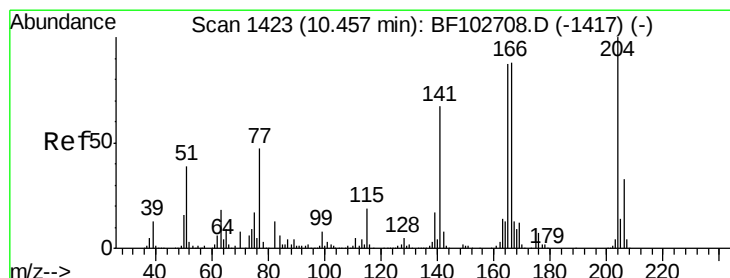
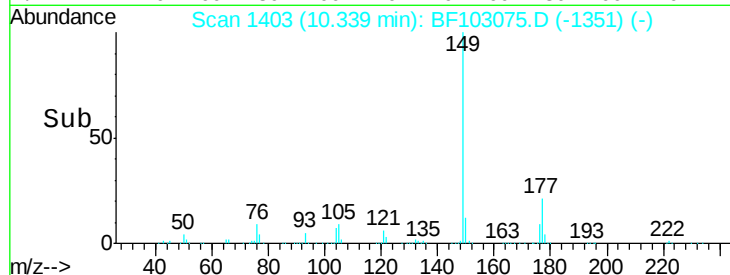
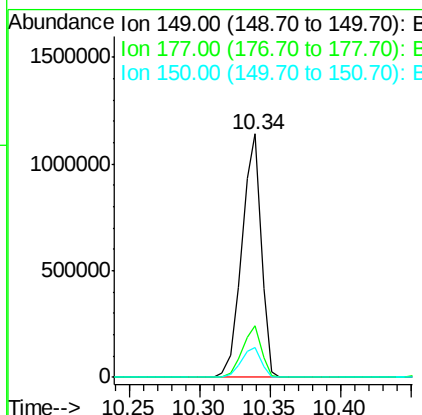
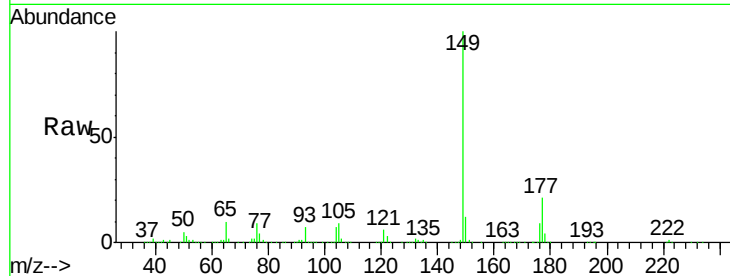
#59
Diethylphthalate
Concen: 43.377 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion:149 Resp: 1081200
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.1 10.1 15.1

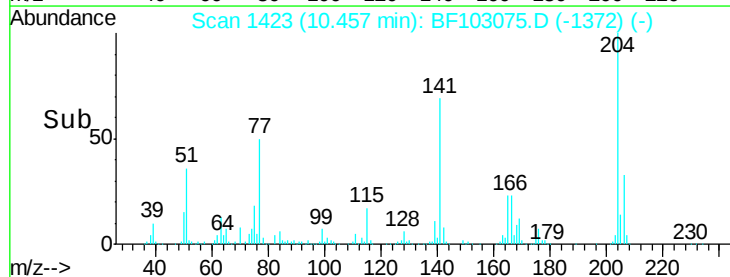
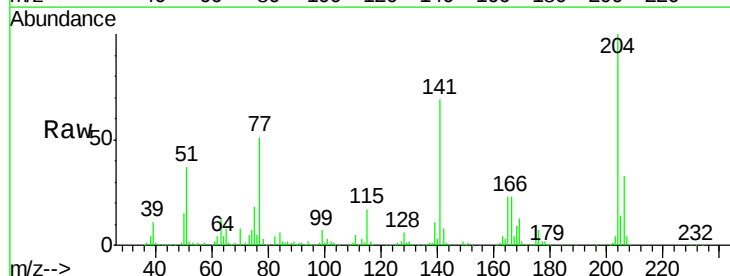
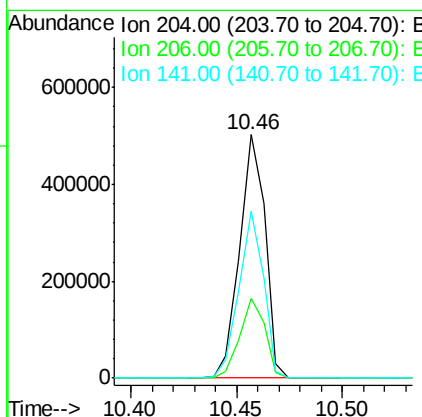
Manual Integrations
APPROVED

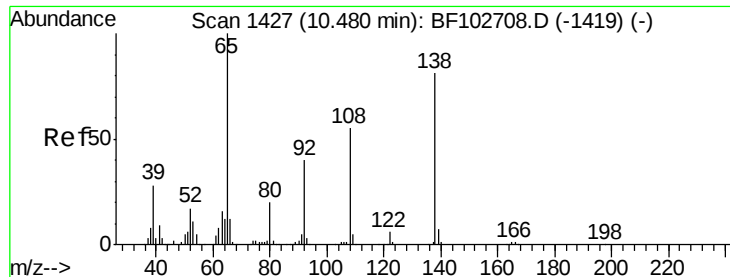
Sohil
2/20/2018 10:20:20 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.311 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion:204 Resp: 418865
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 68.6 54.6 81.8





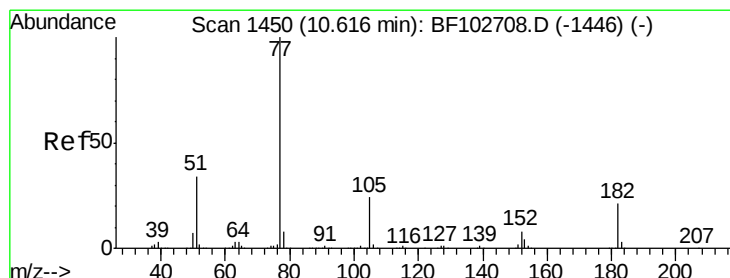
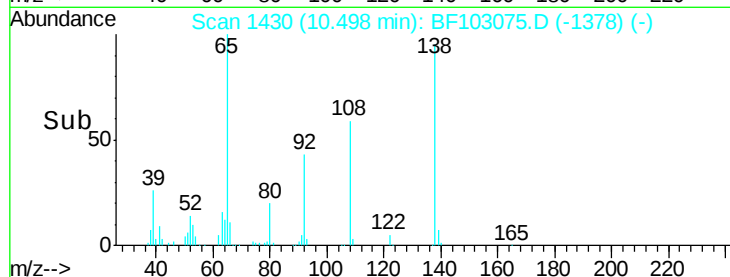
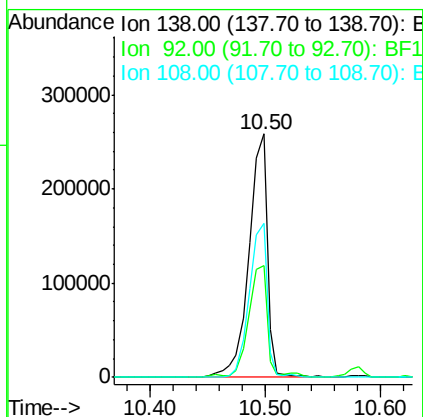
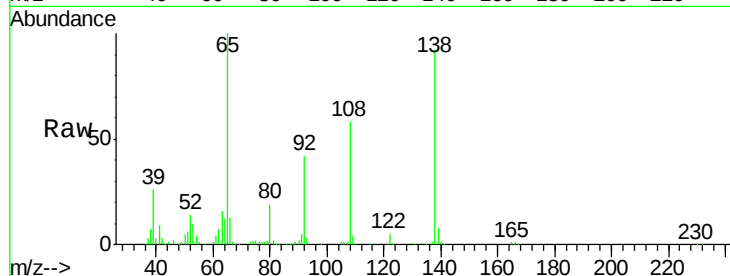
#61
4-Nitroaniline
Concen: 51.187 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.2	70.2
108	63.3	52.5	92.5

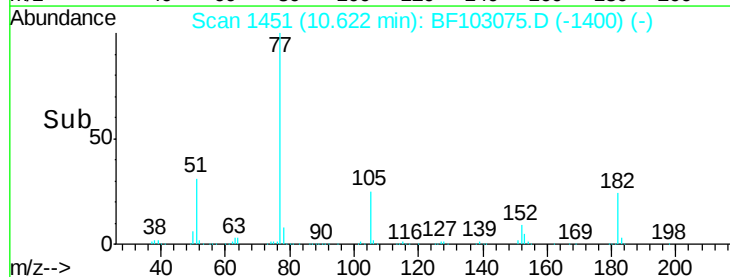
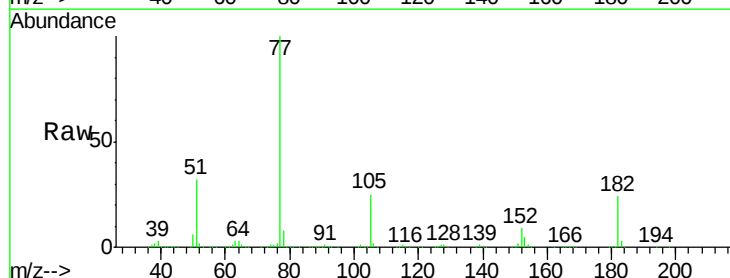
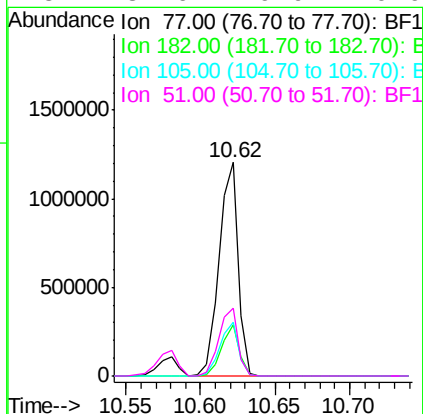
Manual Integrations
APPROVED

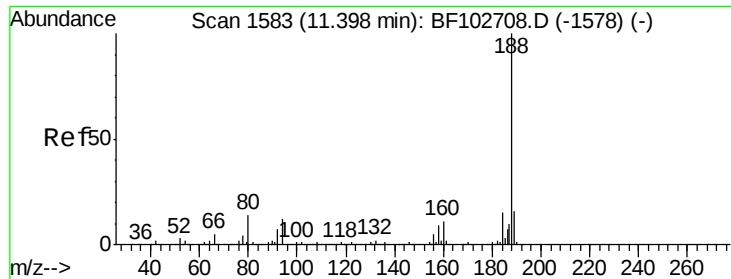
Sohil
2/20/2018 10:20:20 AM



#62
Azobenzene
Concen: 43.473 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	25.3	3.0	43.0
51	31.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

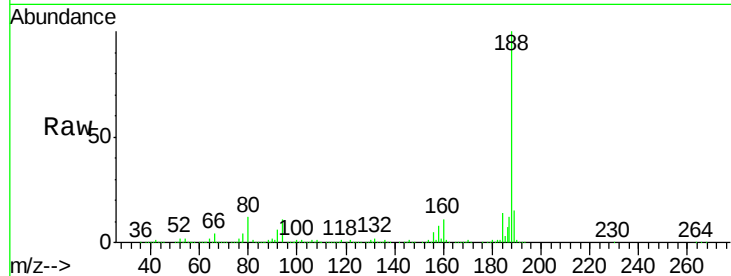
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	188	Resp:	566819
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.0	9.2	13.8

Manual Integrations
APPROVED

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



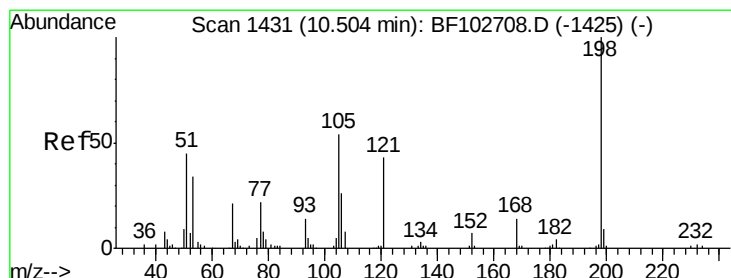
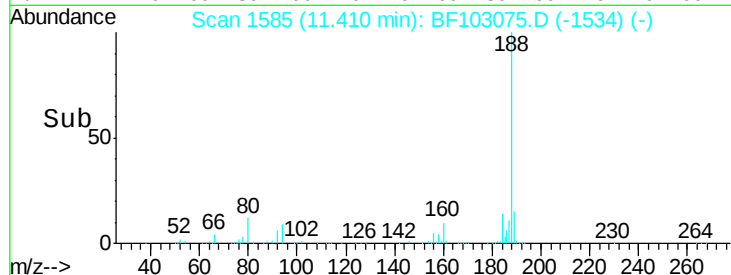
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.41

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 56.304 ng m

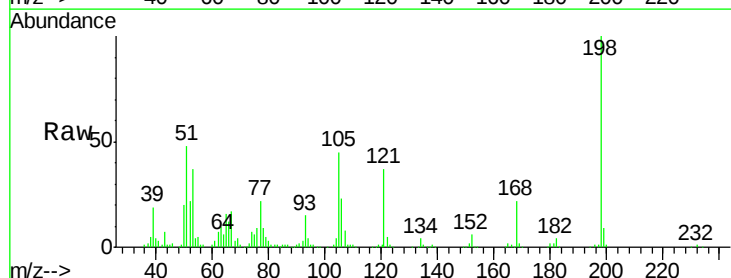
RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	198	Resp:	140647
Ion Ratio	Lower	Upper	
198	100		
51	47.8	37.7	77.7
105	45.2	36.3	76.3



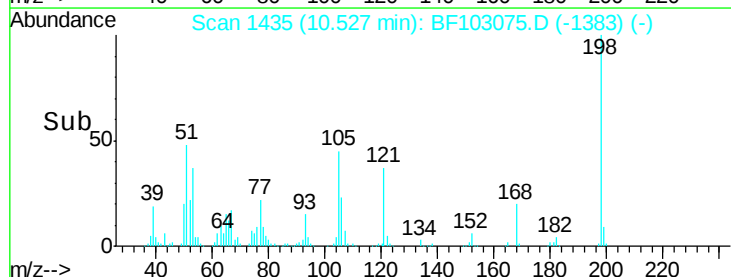
Abundance Ion 198.00 (197.70 to 198.70): E

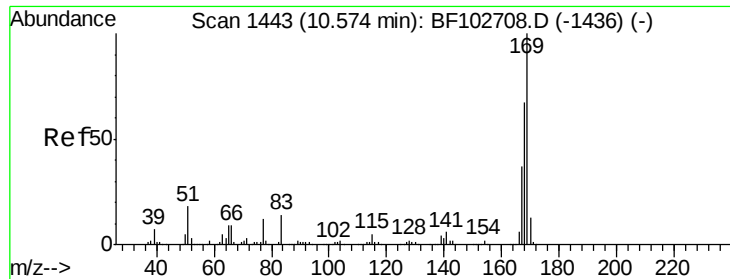
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.53

Time-->





#65

n-Nitrosodiphenylamine

Concen: 42.185 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

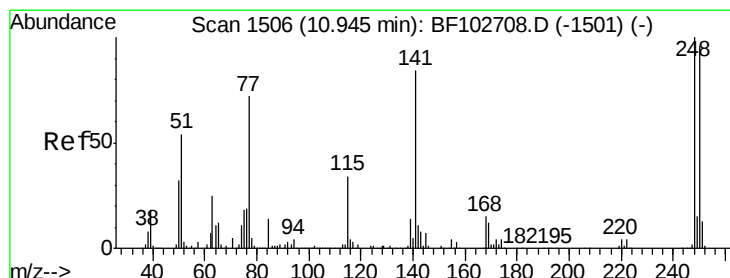
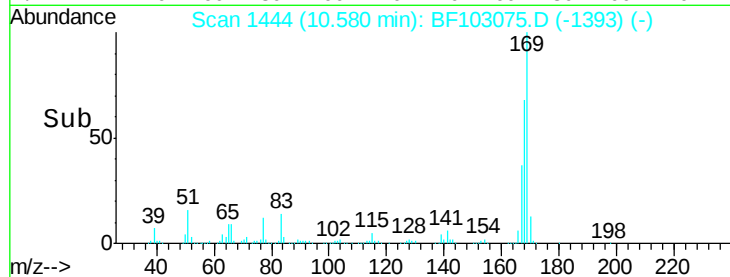
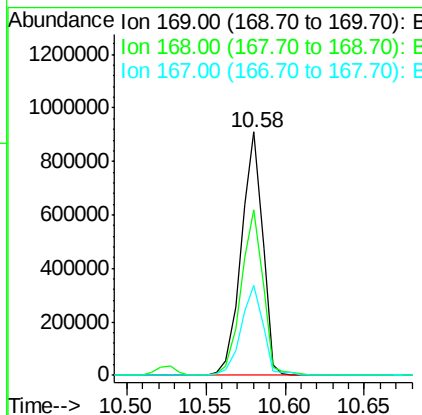
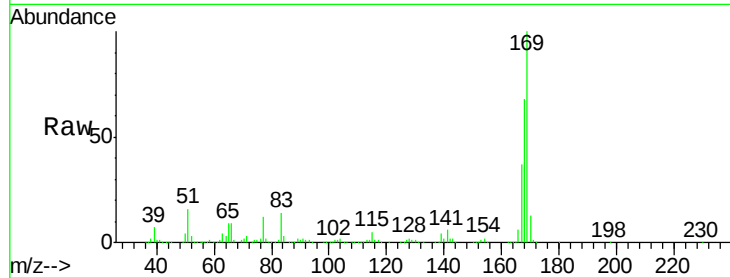
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	169	Resp:	843414
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.4	81.6
167	36.9	29.8	44.6

Manual Integrations
APPROVED

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



#66

4-Bromophenyl-phenylether

Concen: 44.648 ng

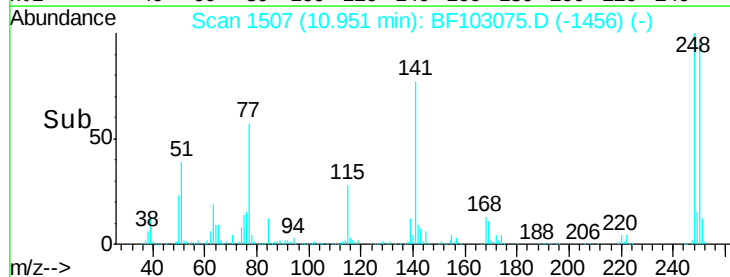
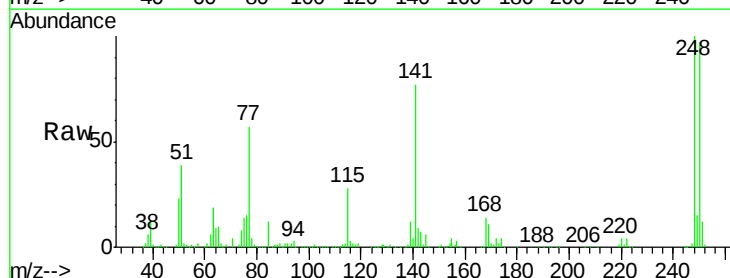
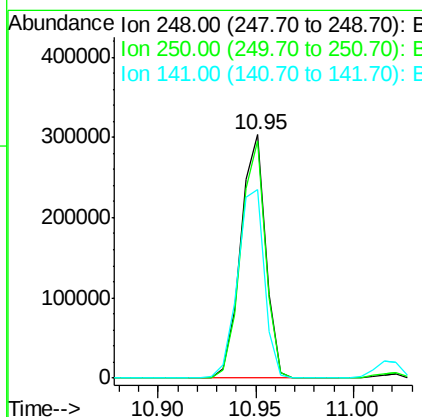
RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	248	Resp:	267706
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	77.4	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.503 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

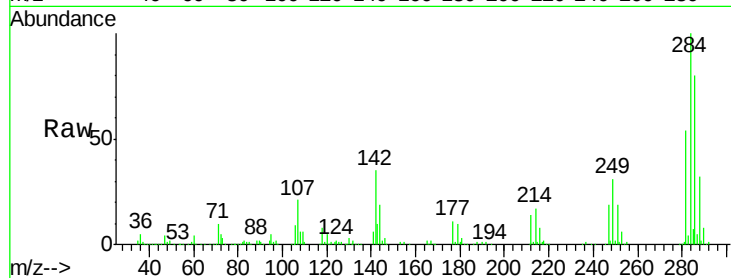
ClientSampleId :

OR-02-021518-AMSD

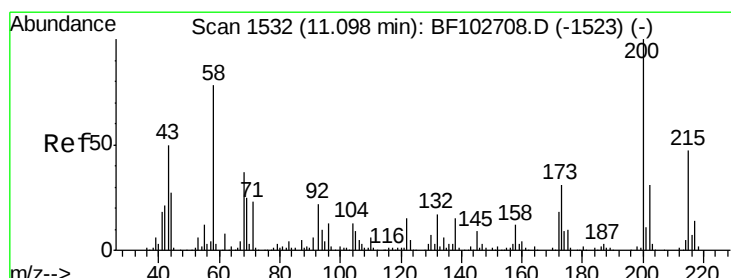
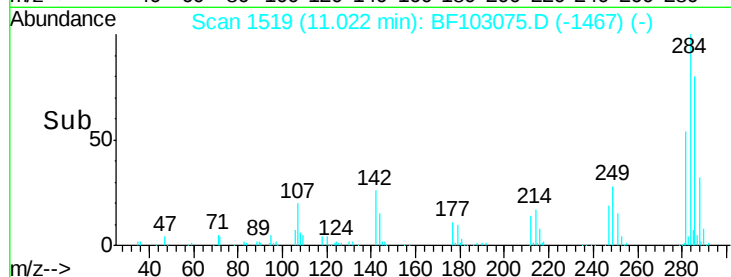
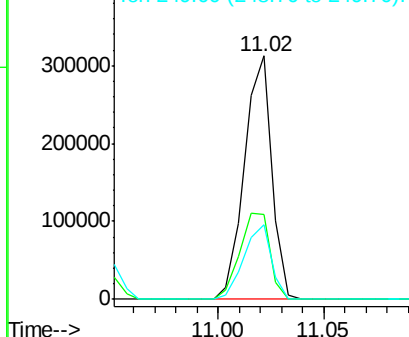
Tgt Ion:	284	Resp:	281140
Ion Ratio	Lower	Upper	
284	100		
142	34.7	34.6	52.0
249	30.6	24.8	37.2

Manual Integrations
APPROVED

Sohil
2/20/2018 10:20:20 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: 40.546 ng

RT: 11.10 min Scan# 1533

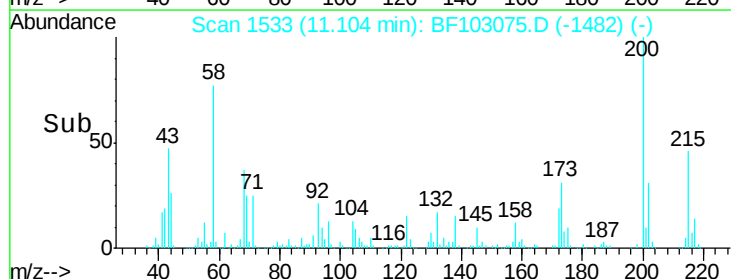
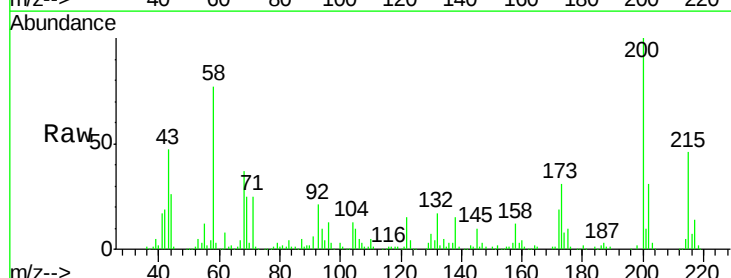
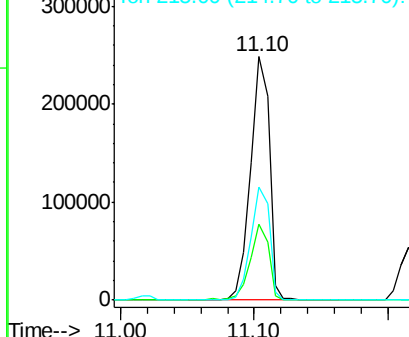
Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	200	Resp:	239152
Ion Ratio	Lower	Upper	
200	100		
173	31.1	8.6	48.6
215	46.3	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





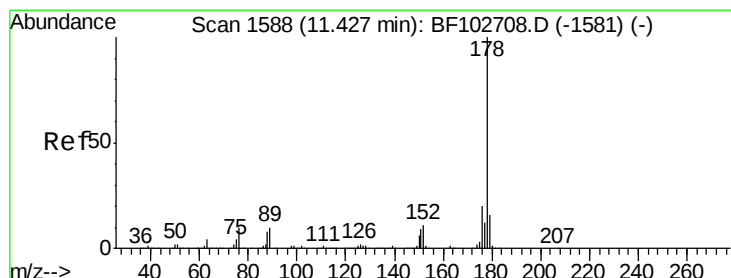
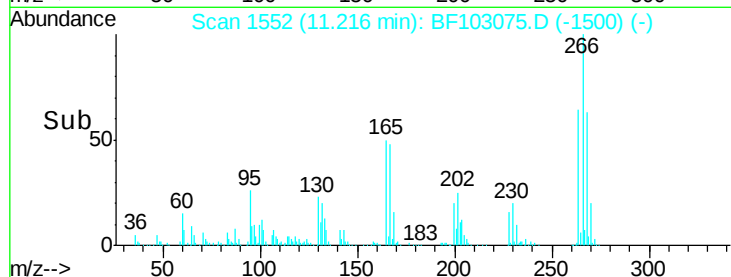
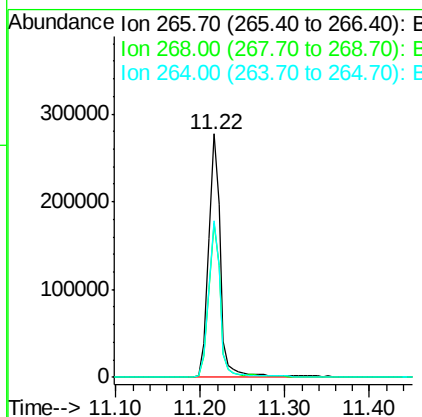
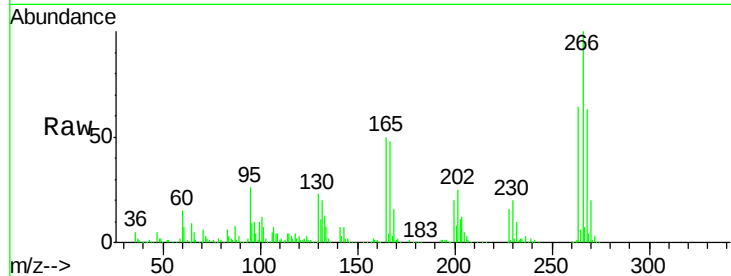
#69
 Pentachlorophenol
 Concen: 71.461 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	64.2	49.5	74.3

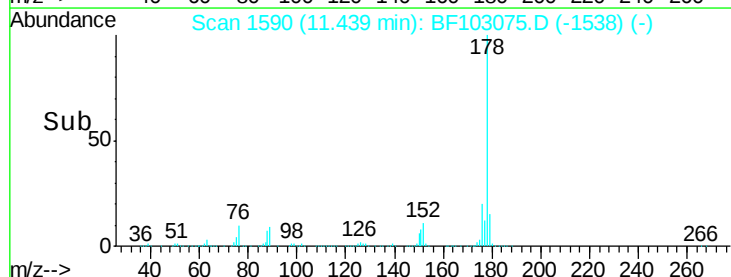
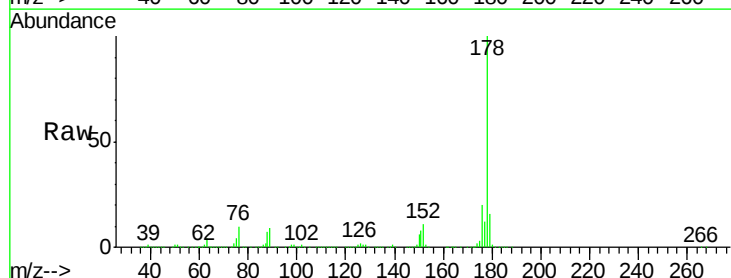
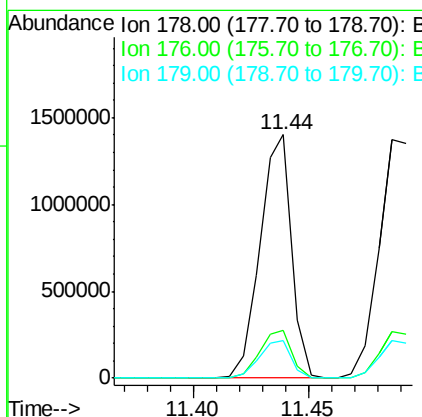
Manual Integrations
 APPROVED

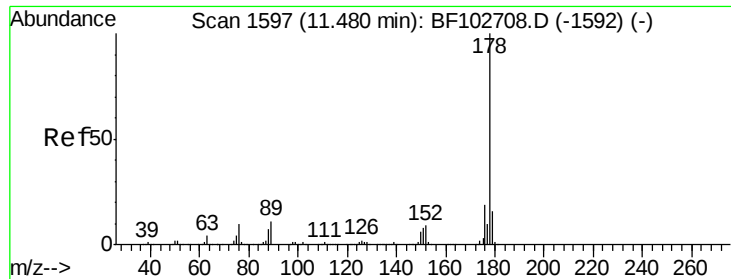
Sohil
 2/20/2018 10:20:20 AM



#70
 Phenanthrene
 Concen: 42.097 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





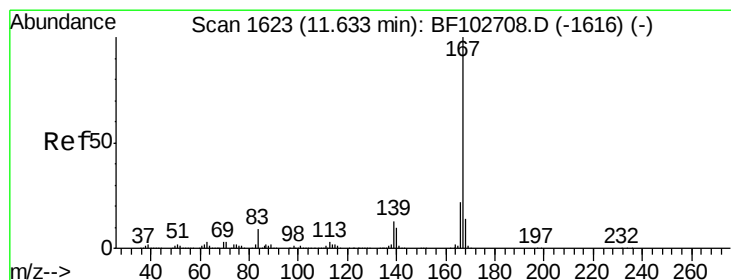
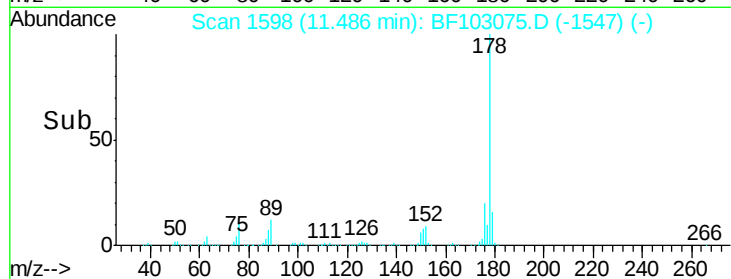
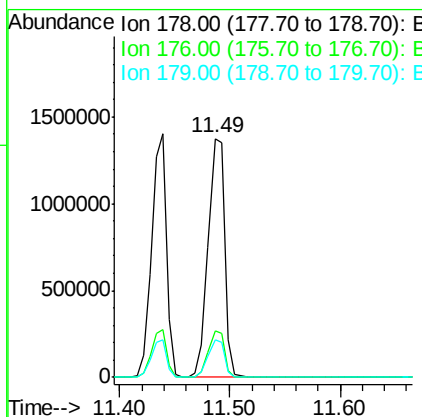
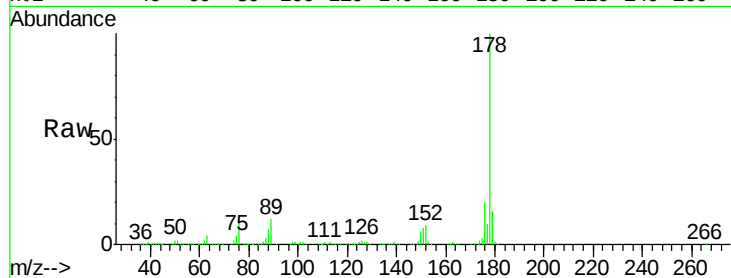
#71
 Anthracene
 Concen: 43.255 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion:178 Resp: 1388806
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.8 12.6 19.0

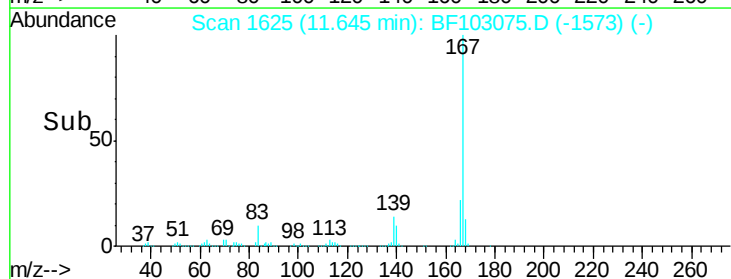
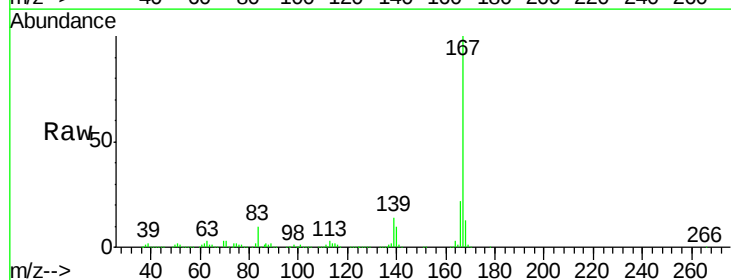
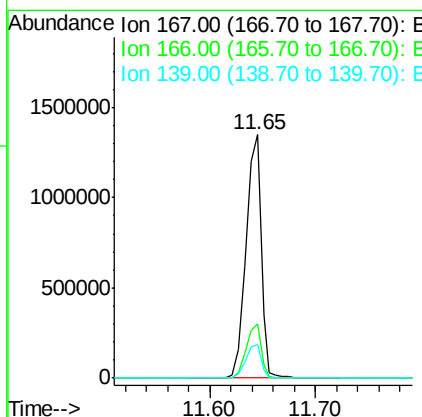
Manual Integrations
 APPROVED

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



#72
 Carbazole
 Concen: 42.285 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion:167 Resp: 1330094
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.911 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

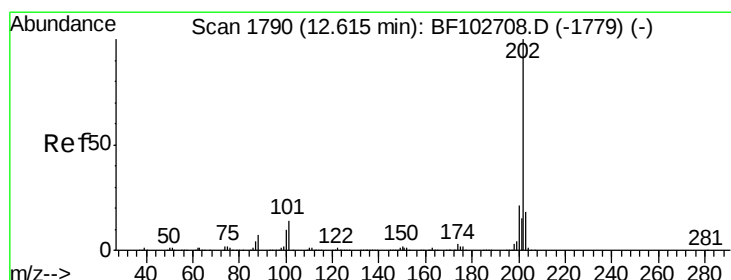
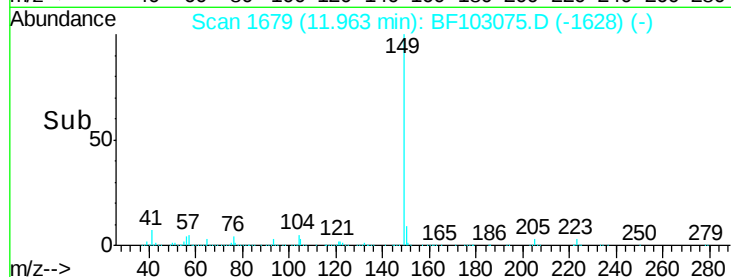
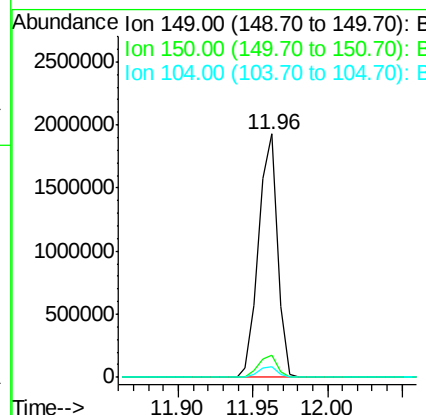
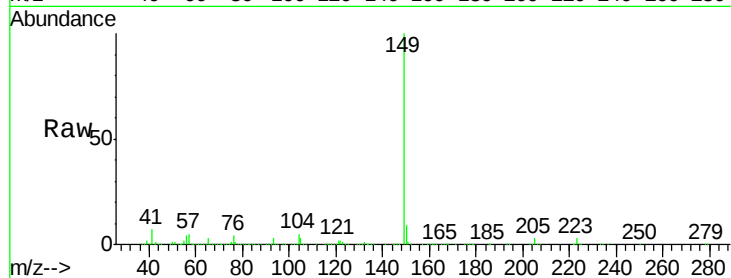
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	149	Resp:	1677854
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
APPROVED

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



#74

Fluoranthene

Concen: 42.749 ng

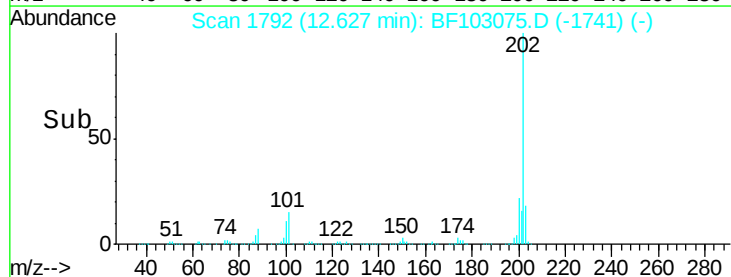
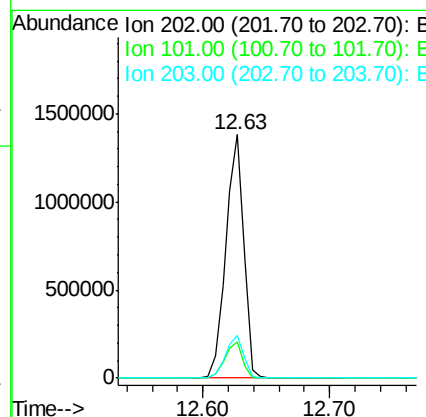
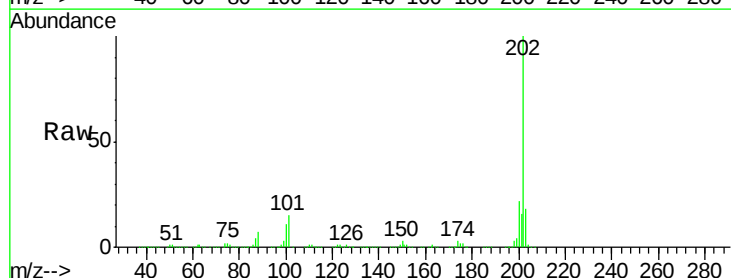
RT: 12.63 min Scan# 1792

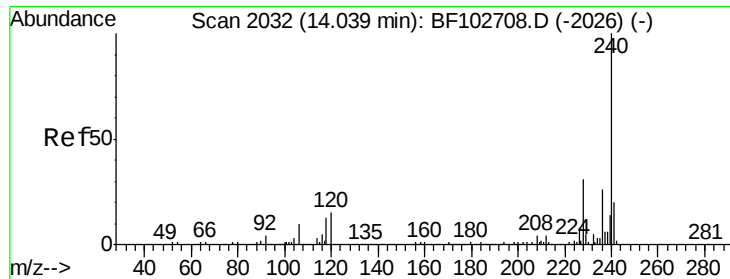
Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	202	Resp:	1357752
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

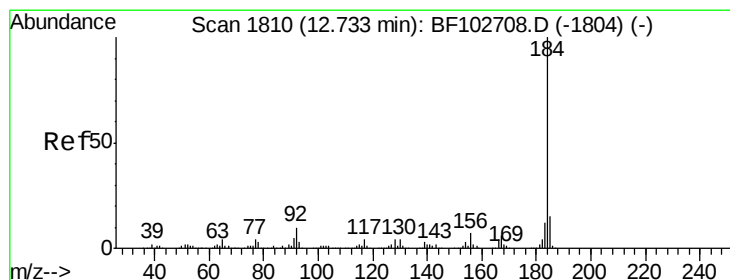
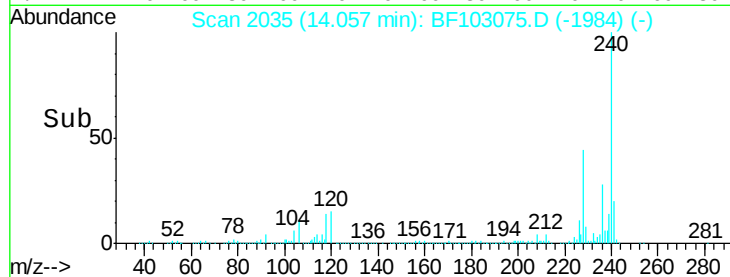
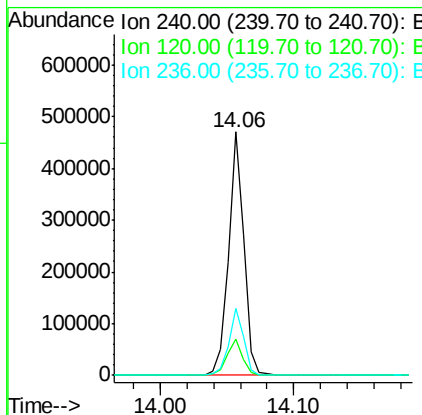
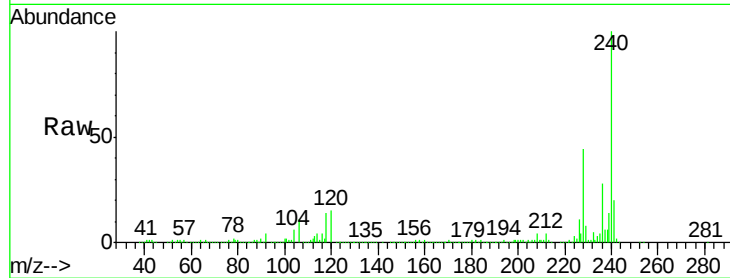
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	381170		
120	14.9	9.5	14.3#	
236	27.6	20.7	31.1	

Manual Integrations
APPROVED

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



#76

Benzidine

Concen: 8.157 ng

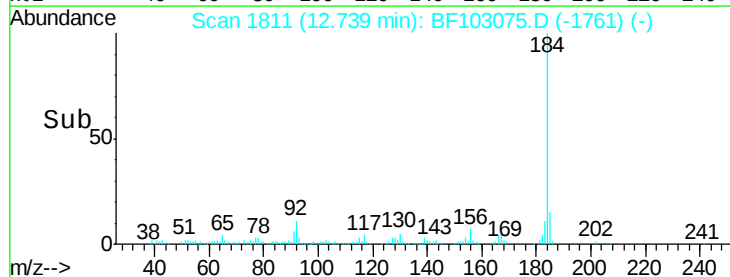
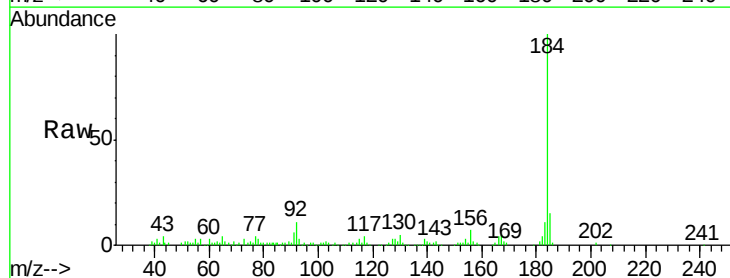
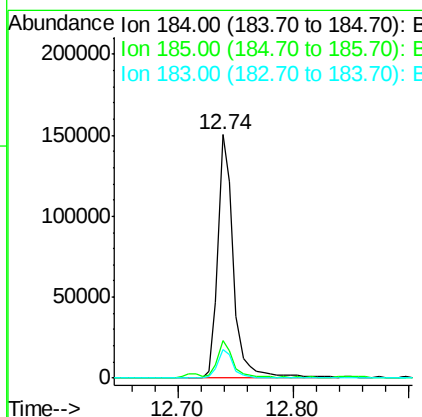
RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142897		
185	15.3	12.6	18.8	
183	11.5	9.3	13.9	





#77

Pyrene

Concen: 46.223 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:202 Resp: 1381599

Ion Ratio Lower Upper

202 100

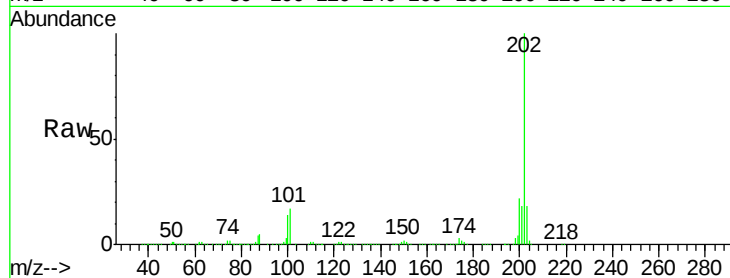
200 21.8 17.4 26.2

203 17.5 14.3 21.5

Manual Integrations
APPROVED

Sohil

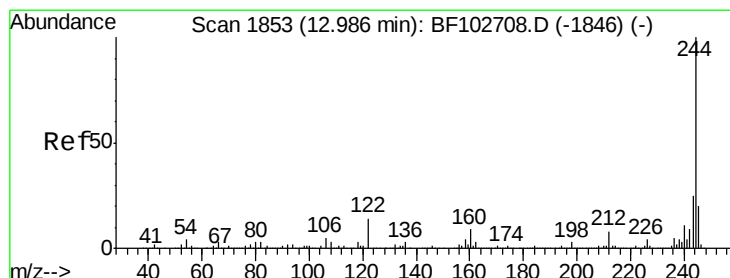
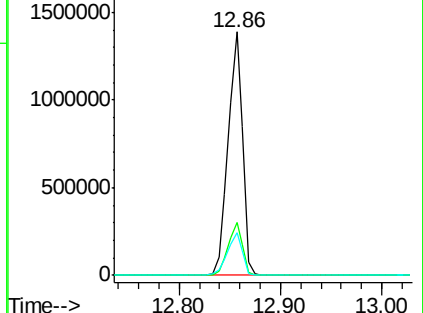
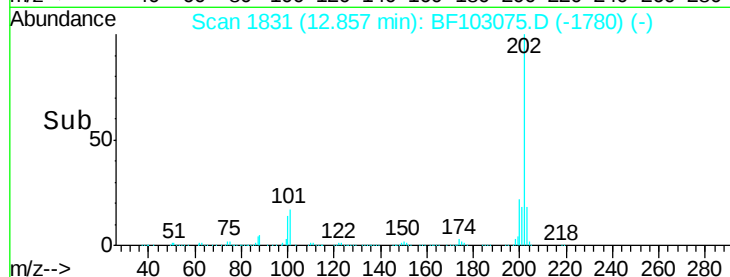
2/20/2018 10:20:20 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.573 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

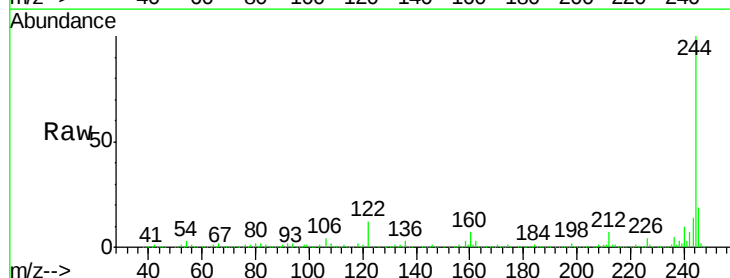
Tgt Ion:244 Resp: 1570754

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

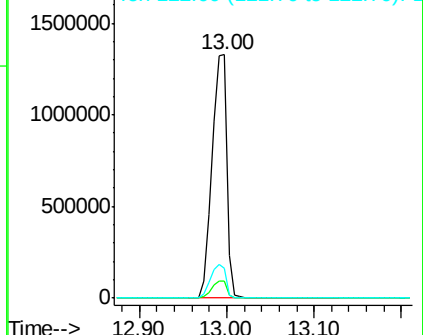
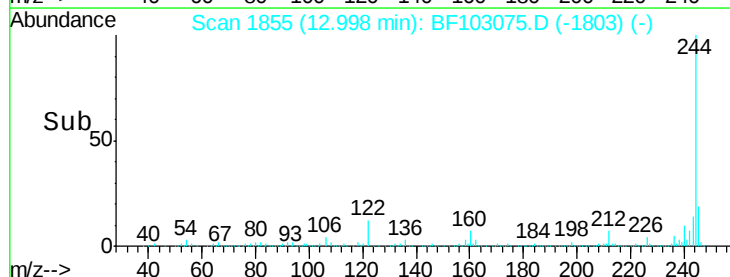
122 12.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.871 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BF103075.D

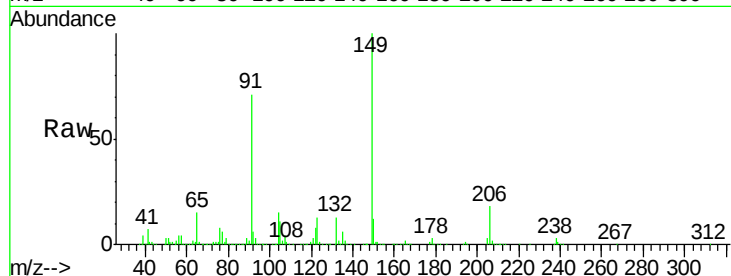
Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

ClientSampleId :

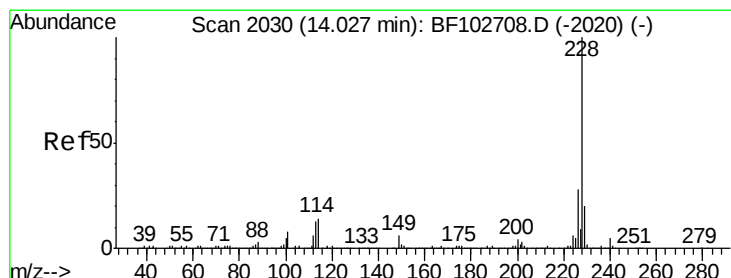
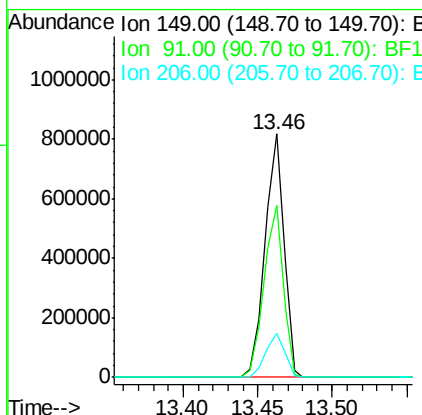
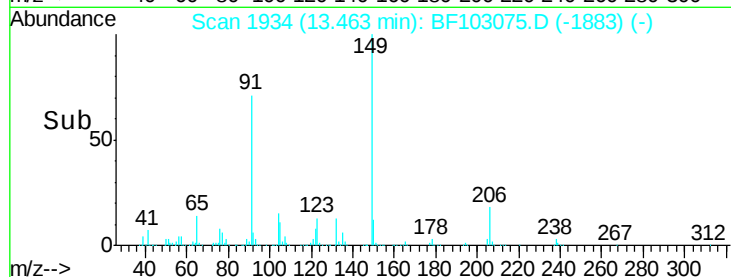
OR-02-021518-AMSD



Tgt Ion:	149	Resp:	713602
Ion Ratio	Lower	Upper	
149	100		
91	70.8	56.8	85.2
206	18.2	14.1	21.1

Manual Integrations
APPROVED

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



#80

Benzo(a)anthracene

Concen: 47.377 ng

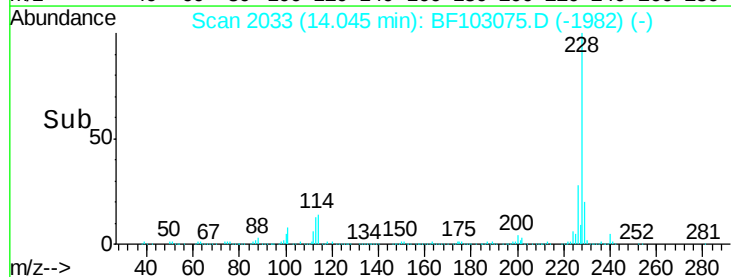
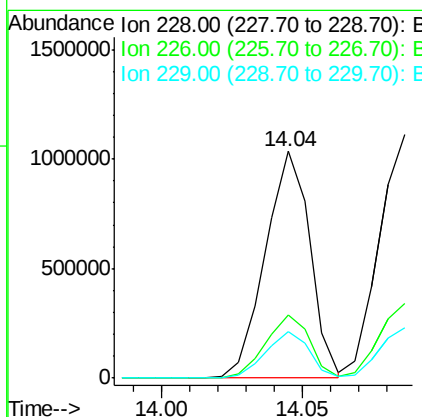
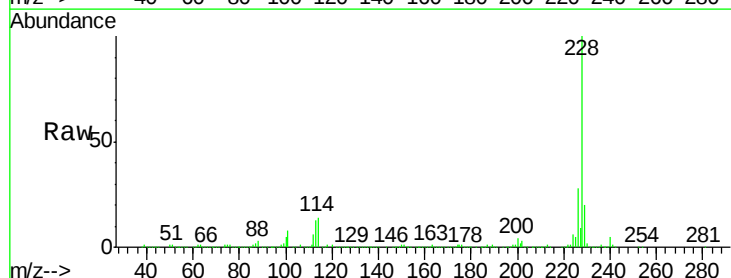
RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	228	Resp:	1135716
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	20.3	15.8	23.6





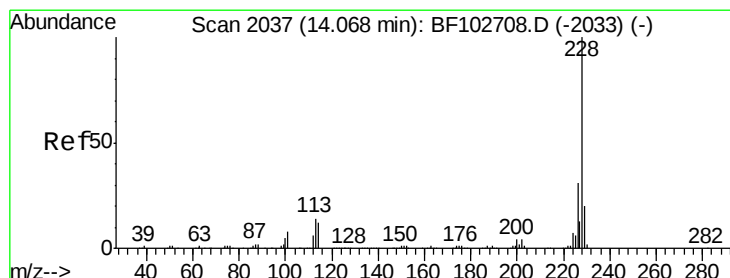
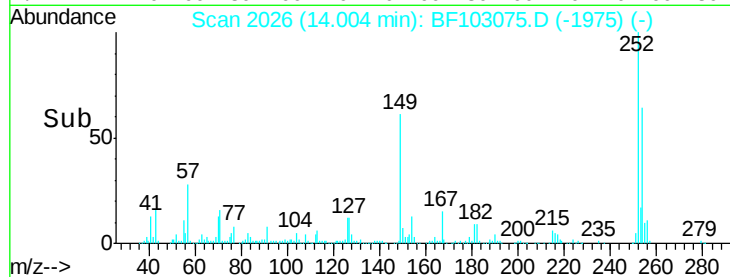
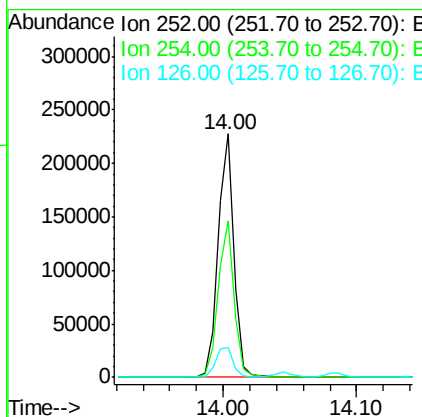
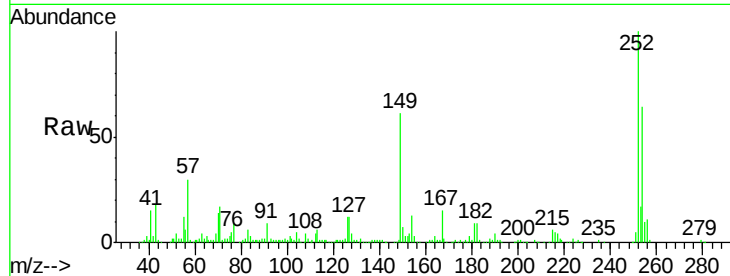
#81
 3,3'-Dichlorobenzidine
 Concen: 21.512 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	12.3	11.3	16.9

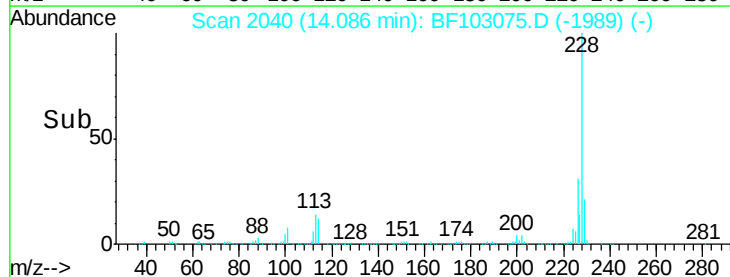
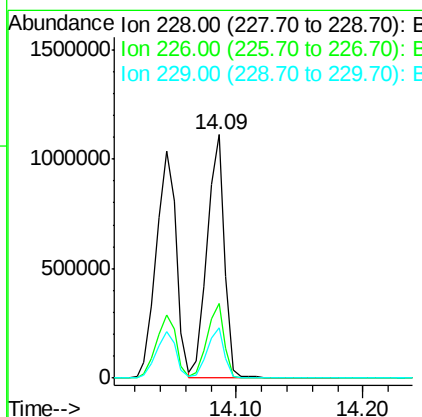
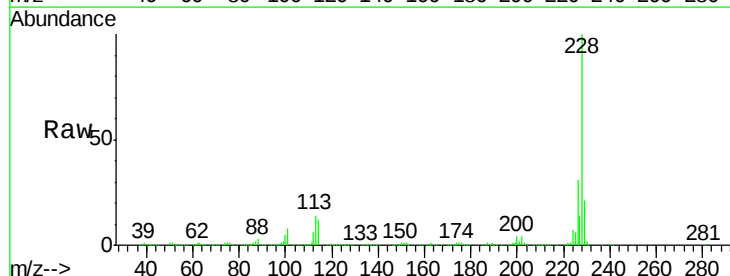
Manual Integrations
 APPROVED

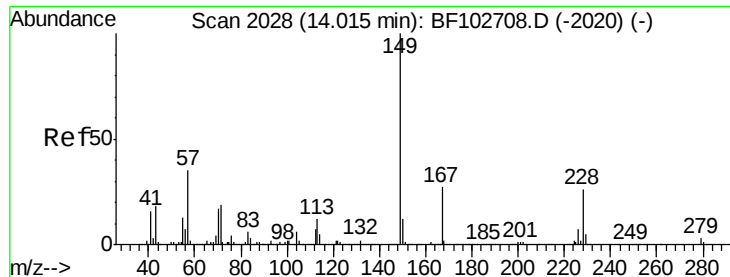
Sohil
 2/20/2018 10:20:20 AM



#82
 Chrysene
 Concen: 44.276 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.6	16.2	24.4





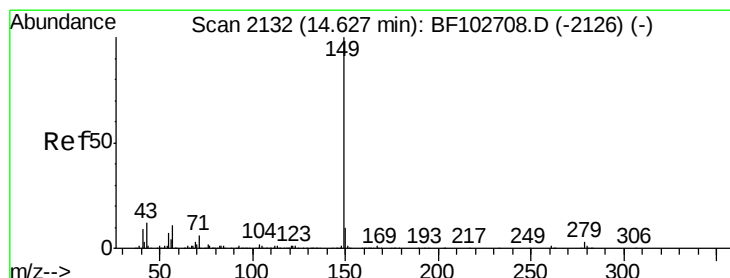
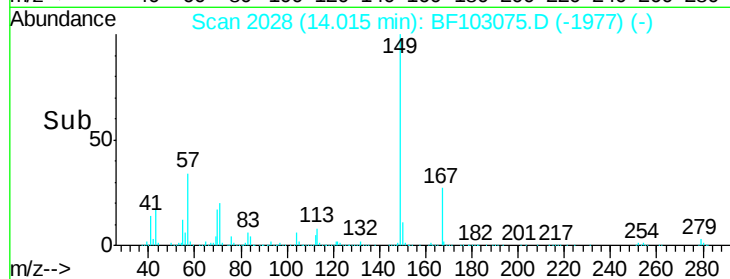
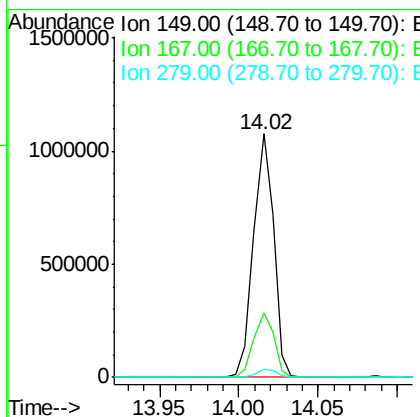
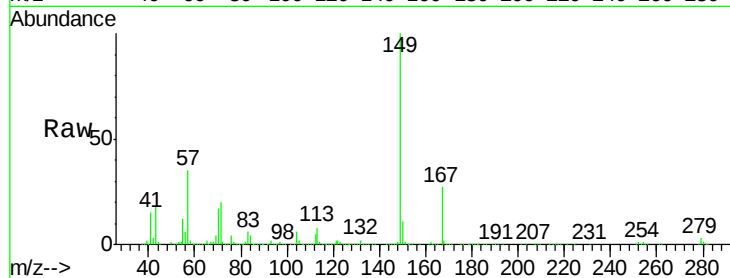
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.321 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	957998		
167	26.6	21.3	31.9	
279	3.3	3.0	4.4	

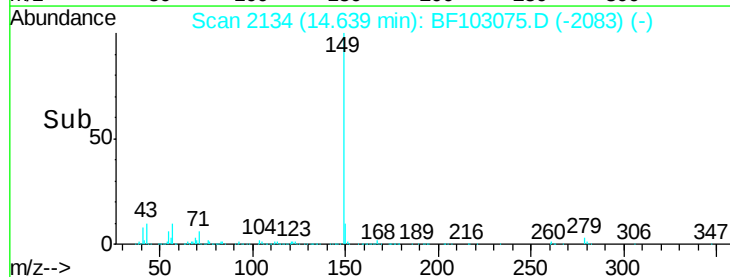
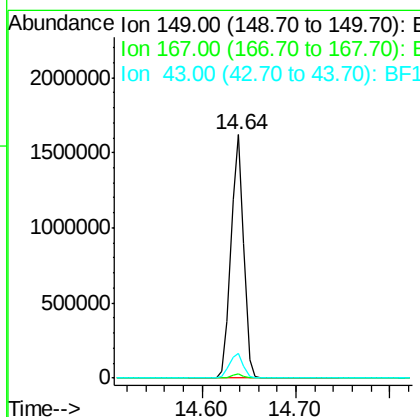
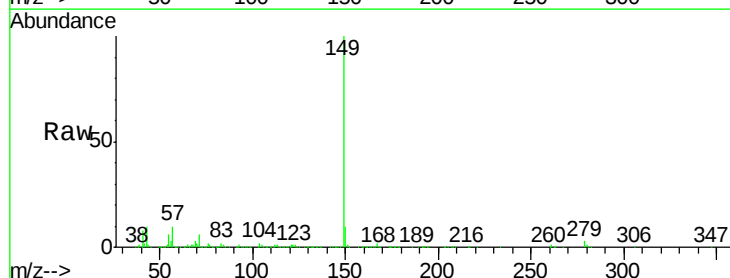
Manual Integrations
 APPROVED

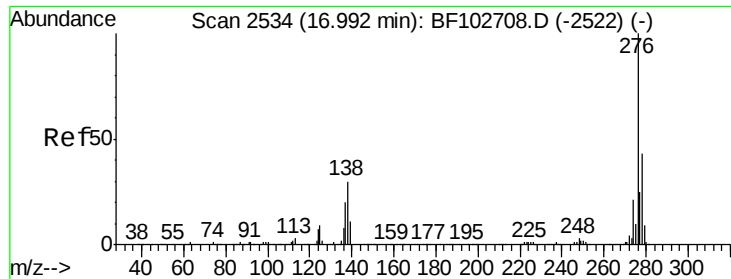
Sohil
 2/20/2018 10:20:20 AM



#84
 Di-n-octyl phthalate
 Concen: 55.090 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1514587		
167	1.5	1.2	1.8	
43	10.6	8.4	12.6	





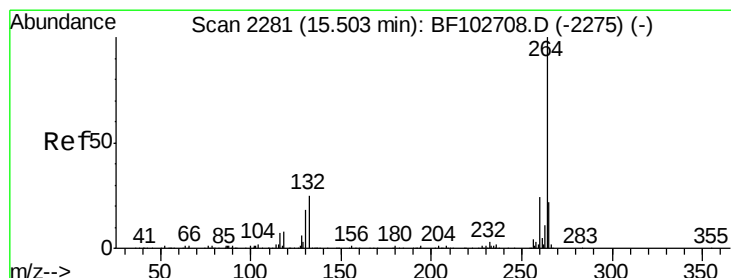
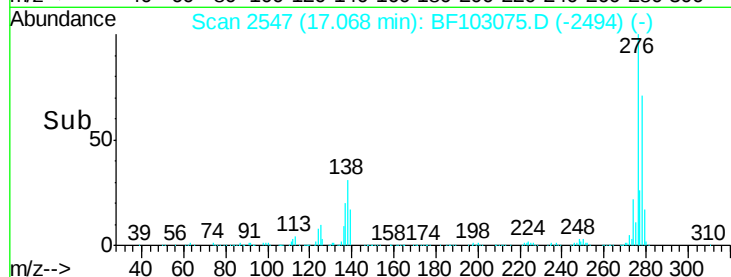
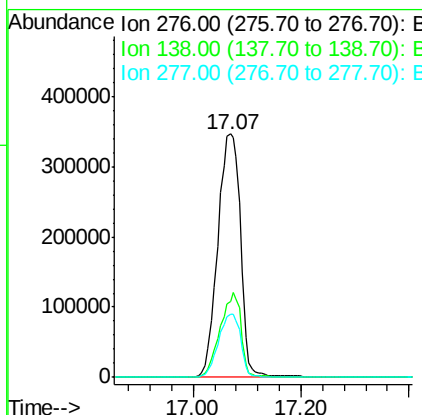
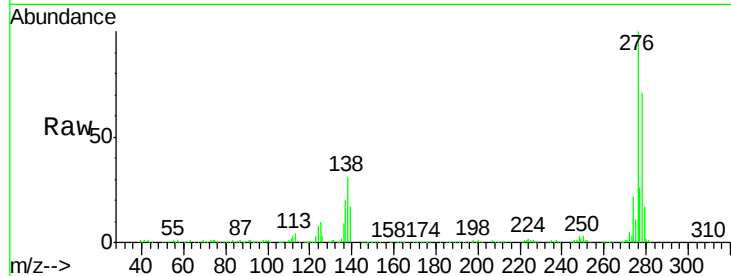
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.511 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.5	20.1	30.1

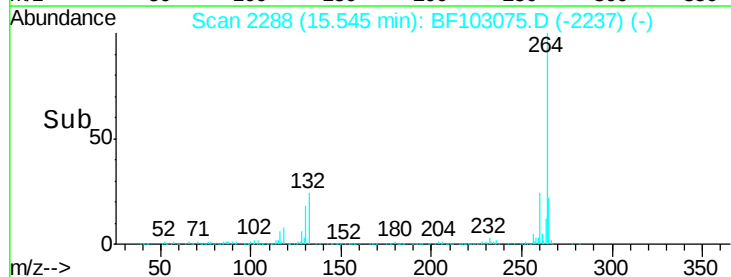
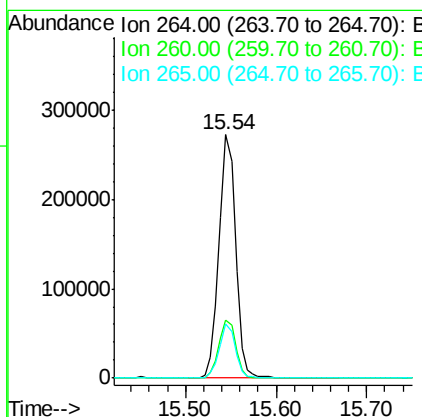
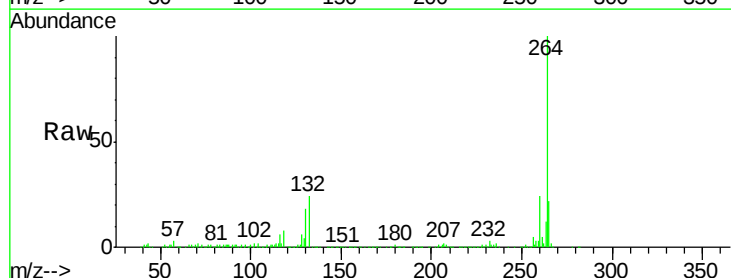
Manual Integrations
APPROVED

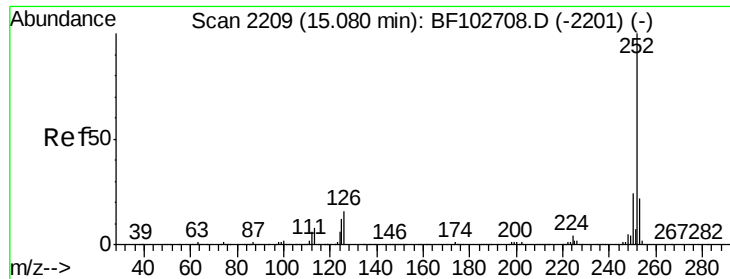
Sohil
2/20/2018 10:20:20 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 46.744 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA_F

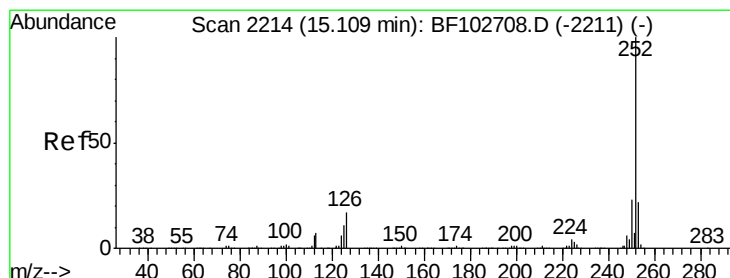
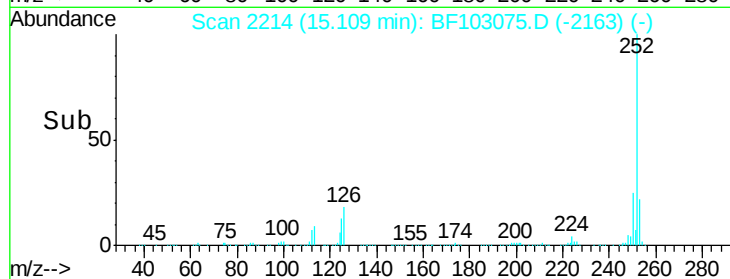
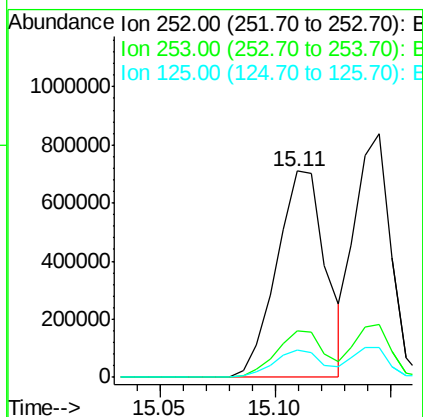
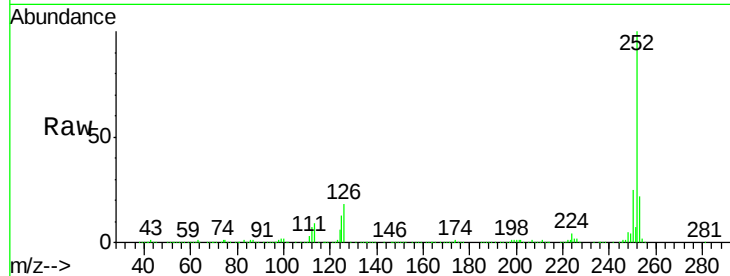
ClientSampleId :

OR-02-021518-AMSD

Tgt Ion:	252	Resp:	1051433
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	13.1	9.0	13.6

Manual Integrations
APPROVED

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



#88

Benzo(k)fluoranthene

Concen: 42.579 ng

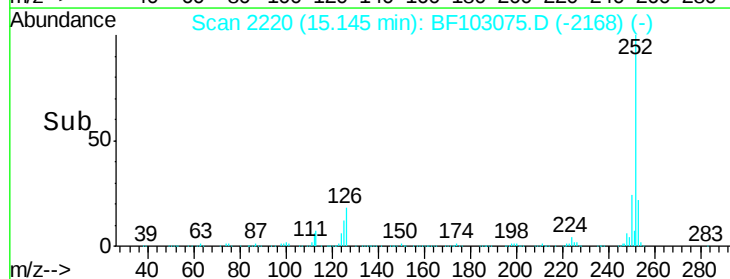
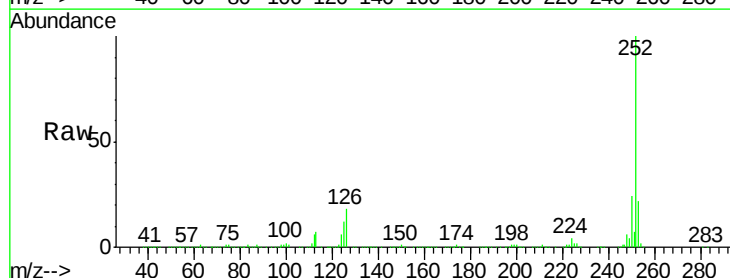
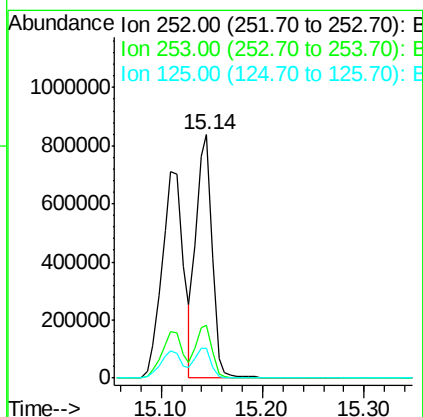
RT: 15.14 min Scan# 2220

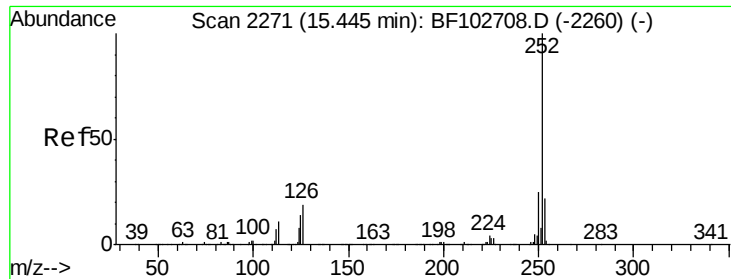
Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:	252	Resp:	915107
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	12.4	10.2	15.2





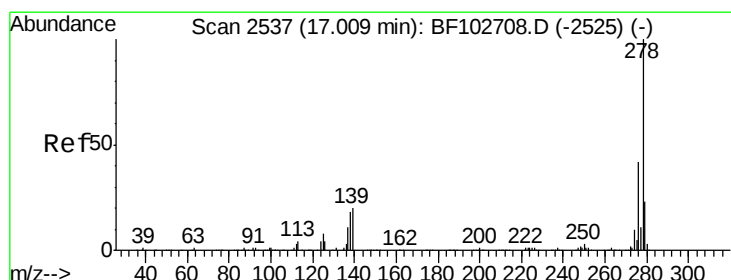
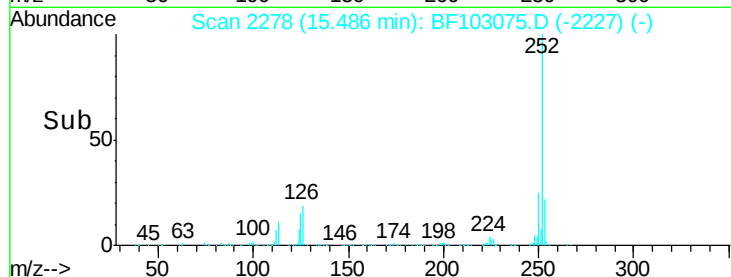
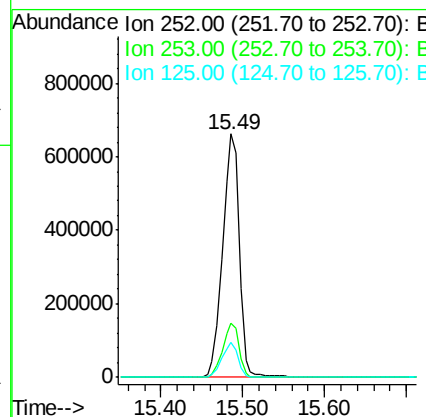
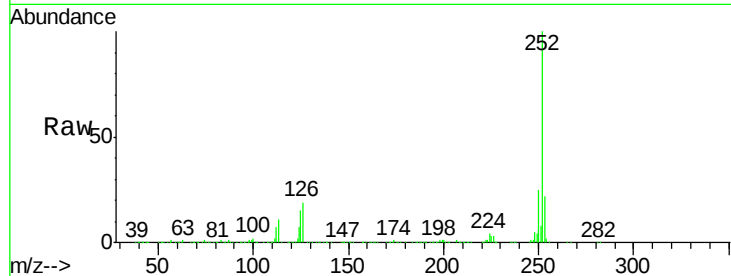
#89
Benzo(a)pyrene
Concen: 46.376 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Instrument :
BNA_F
ClientSampleId :
OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.6	9.8	14.6

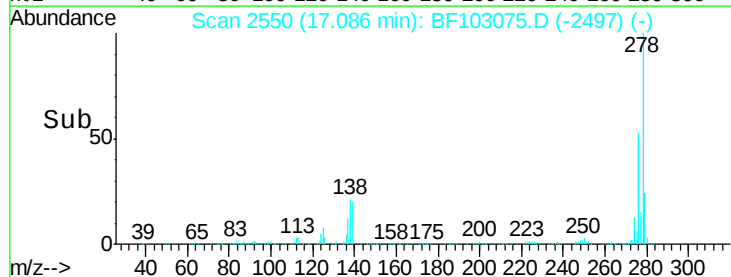
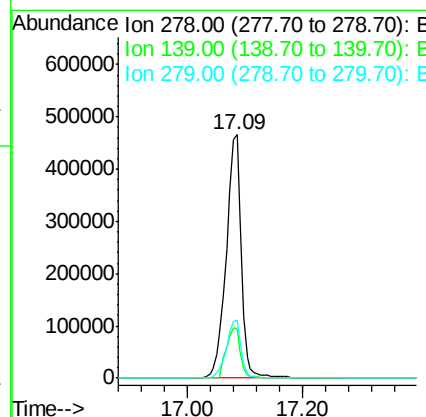
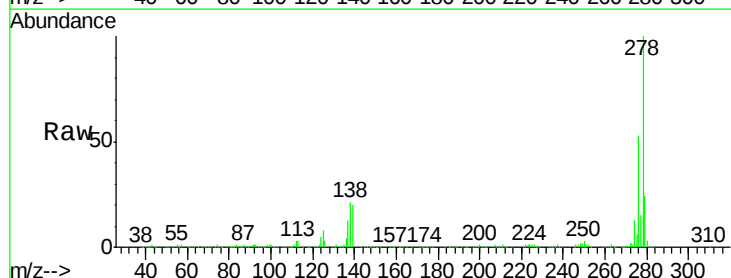
Manual Integrations
APPROVED

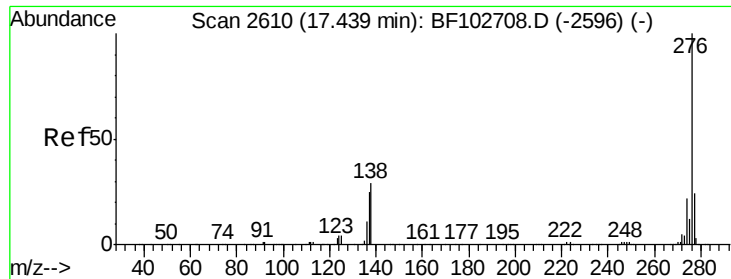
Sohil
2/20/2018 10:20:20 AM



#90
Dibenzo(a,h)anthracene
Concen: 51.701 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF103075.D
Acq: 19 Feb 2018 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 57.187 ng
 RT: 17.53 min Scan# 2626
 Delta R.T. 0.01 min
 Lab File: BF103075.D
 Acq: 19 Feb 2018 12:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-021518-AMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	27.4	21.8	32.8

Manual Integrations
 APPROVED

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

