

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102709.D
 Acq On : 3 Feb 2018 10:53
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:04 AM

Quant Time: Feb 04 21:58:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 11:33:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	193484	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	813552	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	373682	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	645203	20.00	ng	0.00
75) Chrysene-d12	14.04	240	459146	20.00	ng	0.00
86) Perylene-d12	15.51	264	413238	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1239784	90.48	ng	0.00
7) Phenol-d6	6.50	99	1473124	90.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	1240368	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	325973	99.96	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2127698	88.95	ng	0.00
78) Terphenyl-d14	12.99	244	1823424	82.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	318096	46.519	ng	# 85
3) Pyridine	3.43	79	867405	46.450	ng	87
4) n-Nitrosodimethylamine	3.38	42	383158	48.998	ng	91
6) Aniline	6.55	93	1117516	48.506	ng	95
8) 2-Chlorophenol	6.66	128	643578	46.832	ng	94
9) Benzaldehyde	6.43	77	557914	49.151	ng	99
10) Phenol	6.52	94	785652m	42.525	ng	
11) bis(2-Chloroethyl)ether	6.62	93	669561	47.615	ng	90
12) 1,3-Dichlorobenzene	6.82	146	728802	46.006	ng	100
13) 1,4-Dichlorobenzene	6.90	146	729484	46.148	ng	99
14) 1,2-Dichlorobenzene	7.05	146	667240	45.604	ng	99
15) Benzyl Alcohol	7.02	79	587801	49.155	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1284530	49.553	ng	97
17) 2-Methylphenol	7.12	107	594908	47.989	ng	99
18) Hexachloroethane	7.39	117	261454	46.969	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	490514	45.785	ng	93
20) 3+4-Methylphenols	7.28	107	720620	48.413	ng	88
22) Acetophenone	7.29	105	930290	47.459	ng	96
24) Nitrobenzene	7.46	77	709498	47.693	ng	98
25) Isophorone	7.70	82	1330135	48.624	ng	100
26) 2-Nitrophenol	7.77	139	282255	45.331	ng	95
27) 2,4-Dimethylphenol	7.81	122	570858	49.091	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	781448	47.311	ng	100
29) 2,4-Dichlorophenol	8.01	162	533640	48.329	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	572771	49.593	ng	98
31) Naphthalene	8.19	128	1879805	46.242	ng	99
32) Benzoic acid	7.93	122	414435	46.999	ng	98
33) 4-Chloroaniline	8.23	127	835679	48.163	ng	97
34) Hexachlorobutadiene	8.30	225	289472	47.350	ng	99
35) Caprolactam	8.62	113	194960	51.432	ng	# 81
36) 4-Chloro-3-methylphenol	8.70	107	588196	48.665	ng	99
37) 2-Methylnaphthalene	8.87	142	1235638	46.171	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	482843	45.673	ng	99
40) Hexachlorocyclopentadiene	9.03	237	262025	45.321	ng	97

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102709.D
 Acq On : 3 Feb 2018 10:53
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:04 AM

Quant Time: Feb 04 21:58:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 03 11:33:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	354040	48.598	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	394620	47.926	nq	96
45) 1,1'-Biphenyl	9.34	154	1489278	45.089	nq	99
46) 2-Chloronaphthalene	9.36	162	1189452	46.439	nq	100
47) 2-Nitroaniline	9.46	65	385473	50.242	nq	89
48) Acenaphthylene	9.78	152	1841334	45.300	nq	99
49) Dimethylphthalate	9.64	163	1425264	47.545	nq	99
50) 2,6-Dinitrotoluene	9.70	165	304245	50.809	nq	# 88
51) Acenaphthene	9.96	154	1098944	44.543	nq	99
52) 3-Nitroaniline	9.87	138	374772	49.592	nq	98
53) 2,4-Dinitrophenol	9.97	184	67442	36.963	nq	# 19
54) Dibenzofuran	10.12	168	1547976	45.717	nq	96
55) 4-Nitrophenol	10.02	139	278246	49.406	nq	95
56) 2,4-Dinitrotoluene	10.10	165	380653	50.719	nq	96
57) Fluorene	10.47	166	1138175	48.626	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	279235	47.635	nq	98
59) Diethylphthalate	10.34	149	1411357	47.331	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	500490	50.214	nq	98
61) 4-Nitroaniline	10.49	138	351683	49.036	nq	96
62) Azobenzene	10.62	77	1376931	46.412	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	137073	43.207	nq	94
65) n-Nitrosodiphenylamine	10.57	169	1092928	45.237	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	333570	48.956	nq	# 90
67) Hexachlorobenzene	11.01	284	370341	49.788	nq	98
68) Atrazine	11.10	200	338185	48.435	nq	100
69) Pentachlorophenol	11.20	266	237874	52.443	nq	99
70) Phenanthrene	11.43	178	1695654	44.991	nq	99
71) Anthracene	11.48	178	1737799	45.465	nq	100
72) Carbazole	11.63	167	1720583	45.797	nq	99
73) Di-n-butylphthalate	11.96	149	2162263	46.911	nq	99
74) Fluoranthene	12.62	202	1718473	46.345	nq	99
76) Benzidine	12.73	184	1105684	49.869	nq	98
77) Pyrene	12.84	202	1769193	43.592	nq	99
79) Butylbenzylphthalate	13.46	149	897426	48.182	nq	98
80) Benzo(a)anthracene	14.03	228	1416013	48.337	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	556767	51.330	nq	98
82) Chrysene	14.07	228	1402705	45.920	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	1144435	53.562	nq	99
84) Di-n-octyl phthalate	14.63	149	1820174	51.336	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1149392	51.698	nq	99
87) Benzo(b)fluoranthene	15.08	252	1284452	47.670	nq	98
88) Benzo(k)fluoranthene	15.11	252	1301965	50.090	nq	99
89) Benzo(a)pyrene	15.45	252	1190530	49.102	nq	97
90) Dibenzo(a,h)anthracene	17.02	278	962364	49.737	nq	98
91) Benzo(g,h,i)perylene	17.44	276	937521	48.100	nq	97

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

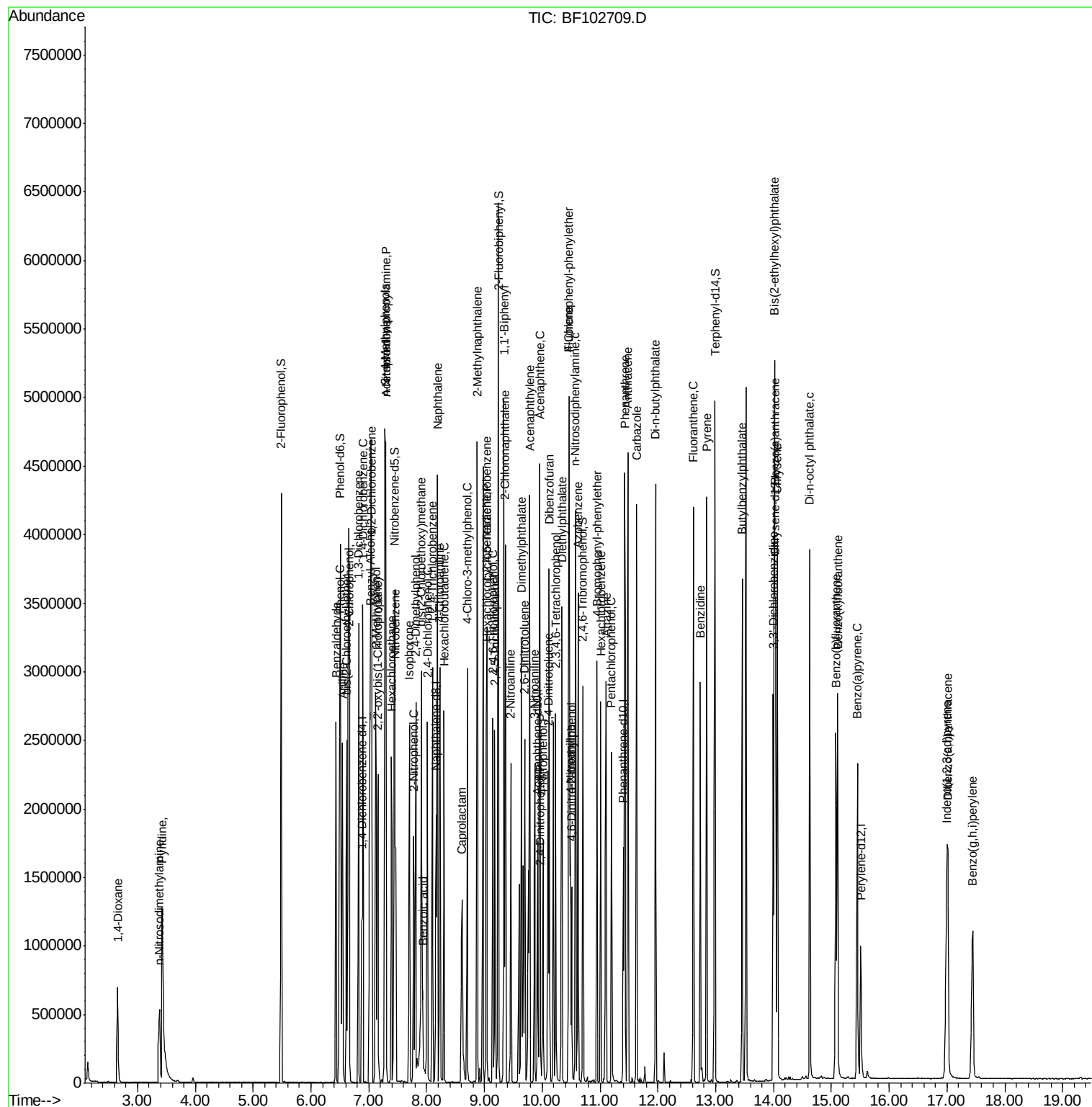
Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102709.D
Acq On : 3 Feb 2018 10:53
Operator : SJ/JU
Sample : SSTDIC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

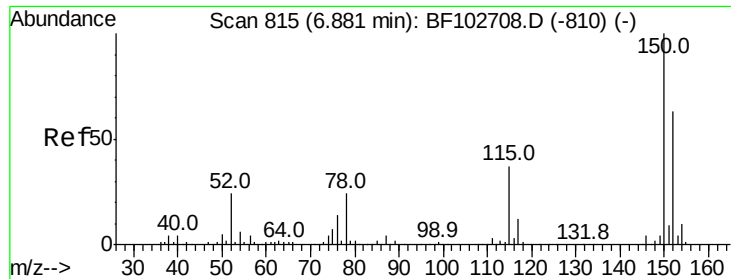
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM

Quant Time: Feb 04 21:58:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 11:33:59 2018
Response via : Initial Calibration





#1

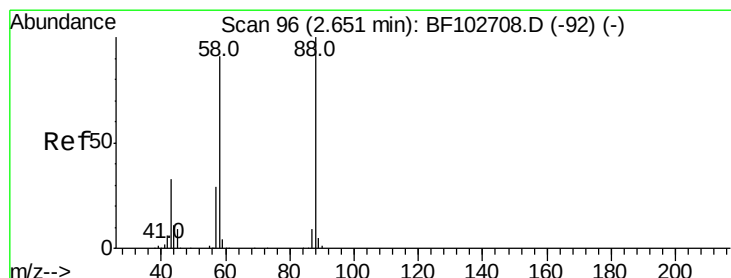
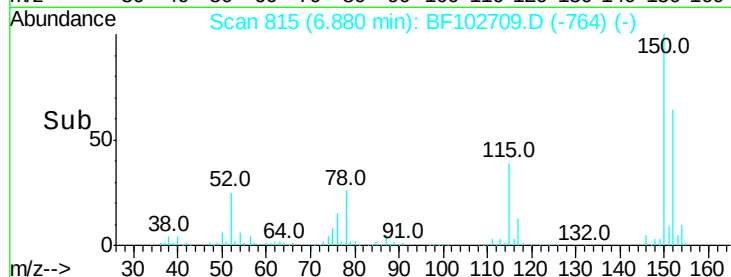
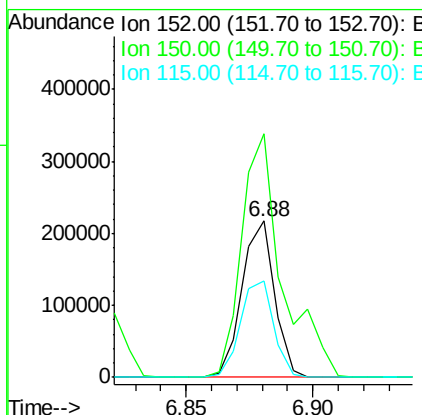
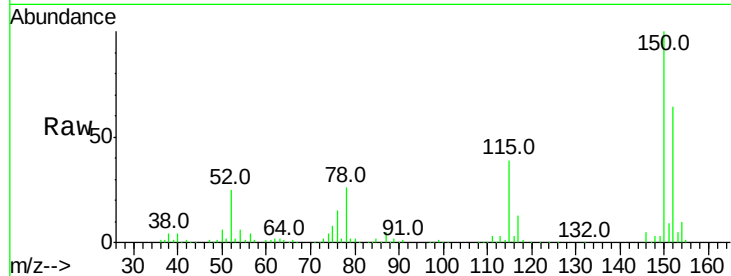
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
APPROVED

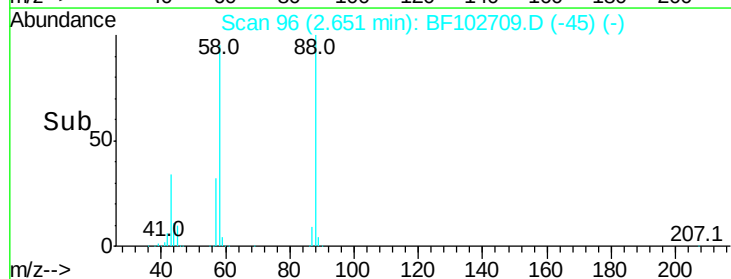
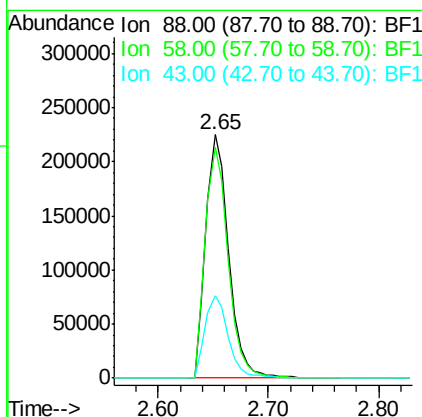
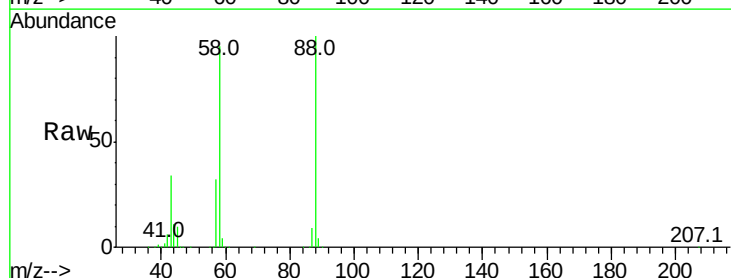
Sohil
2/5/2018 11:05:04 AM

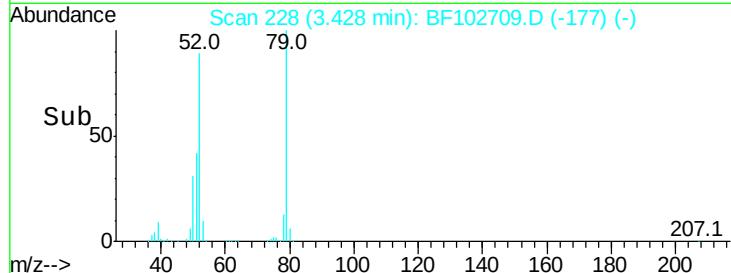
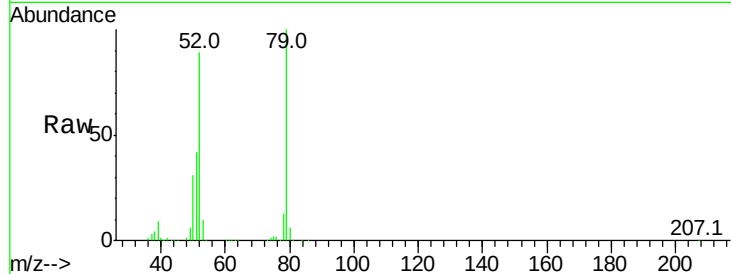
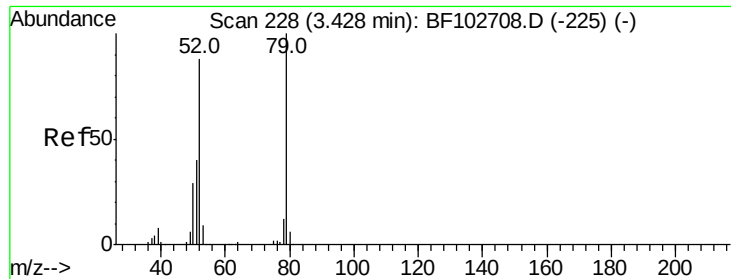


#2

1,4-Dioxane
Concen: 46.519 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	62.6	93.8#
43	34.4	24.6	37.0





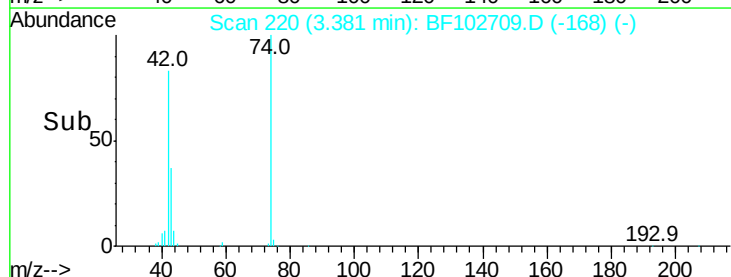
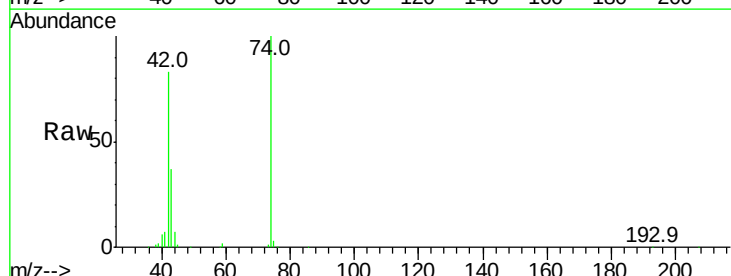
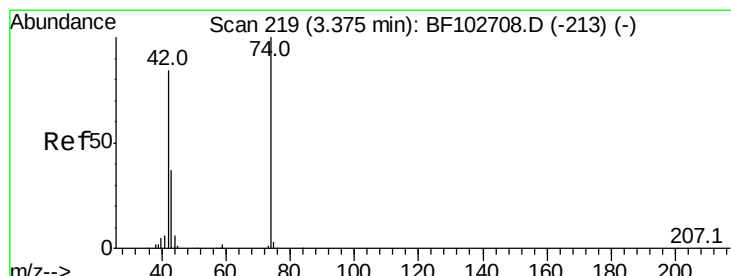
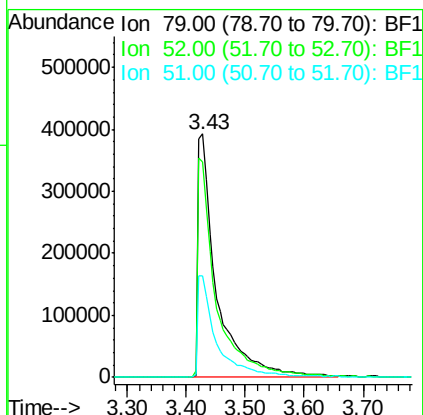
#3
Pvridine
Concen: 46.450 ng
RT: 3.43 min Scan# 228
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.6	59.8	89.6
51	41.6	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

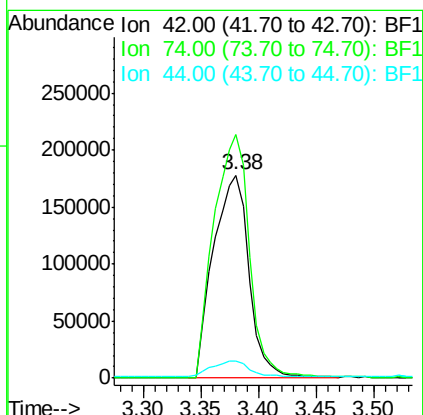
Manual Integrations
APPROVED

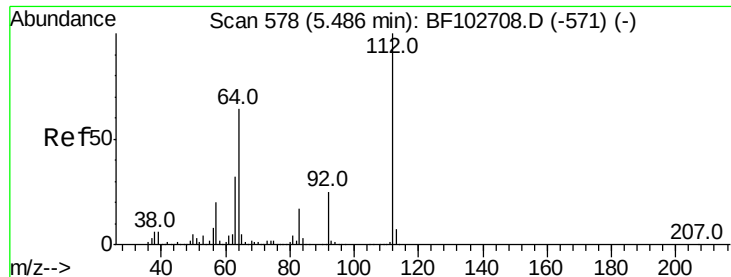
Sohil
2/5/2018 11:05:04 AM



#4
n-Nitrosodimethylamine
Concen: 48.998 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.9	104.9	157.3
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 90.482 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:112 Resp: 1239784

Ion Ratio Lower Upper

112 100

64 66.5 47.9 71.9

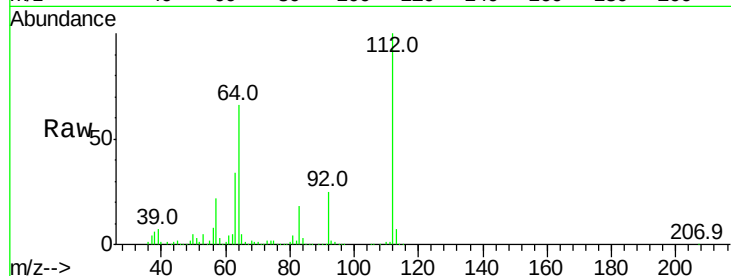
63 33.5 23.7 35.5

Manual Integrations

APPROVED

Sohil

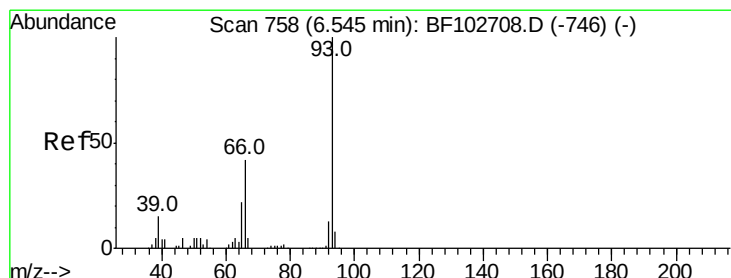
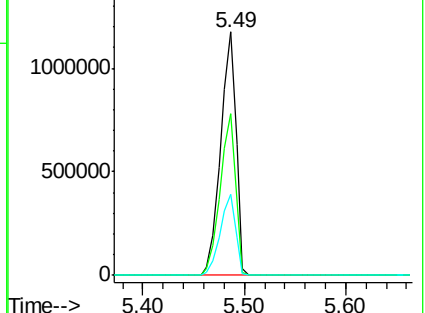
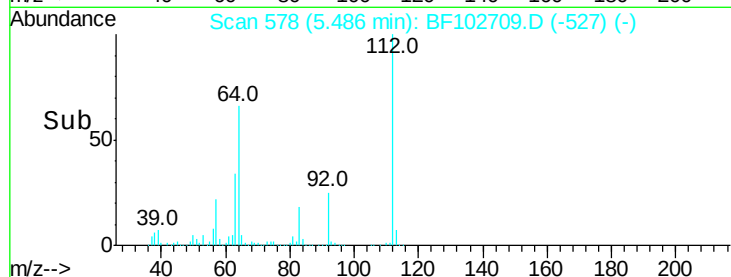
2/5/2018 11:05:04 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 48.506 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

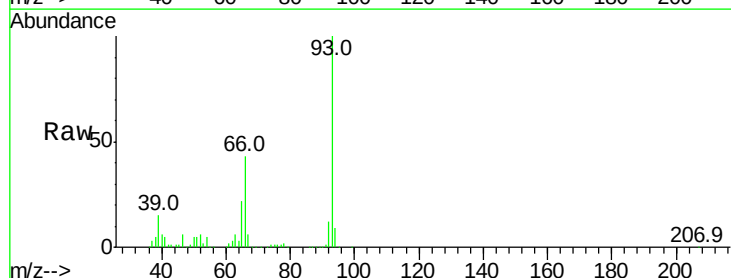
Tgt Ion: 93 Resp: 1117516

Ion Ratio Lower Upper

93 100

66 43.3 32.2 48.2

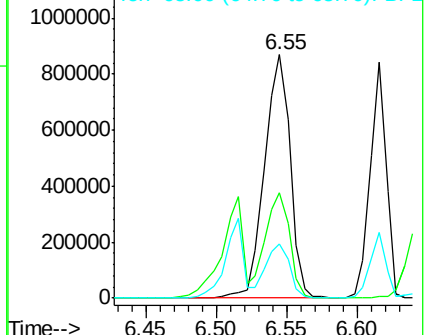
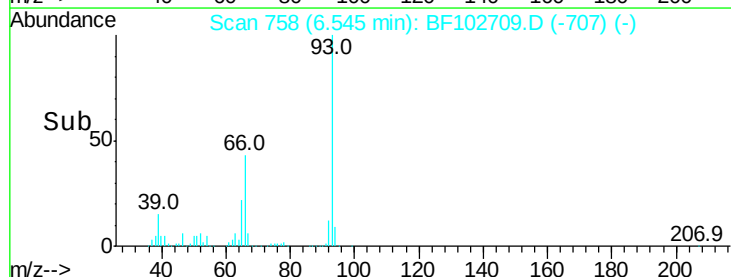
65 22.2 16.4 24.6

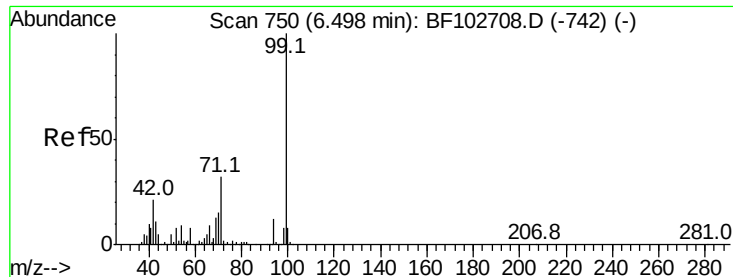


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.111 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

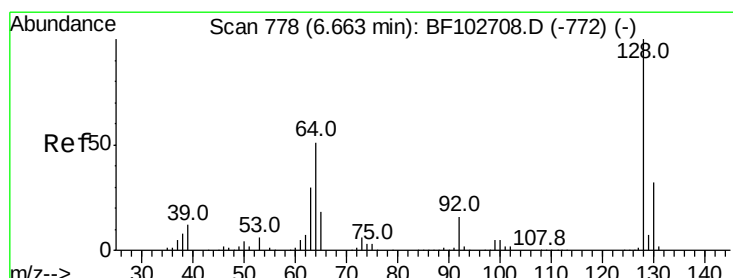
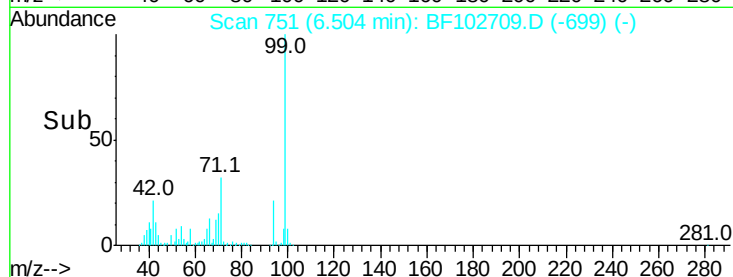
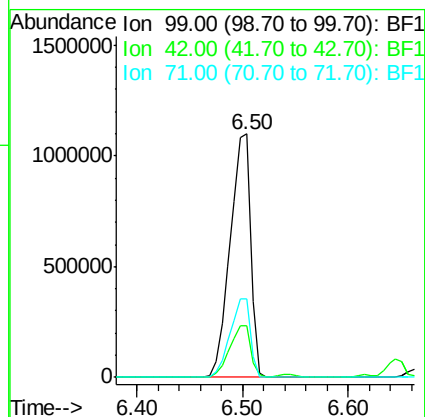
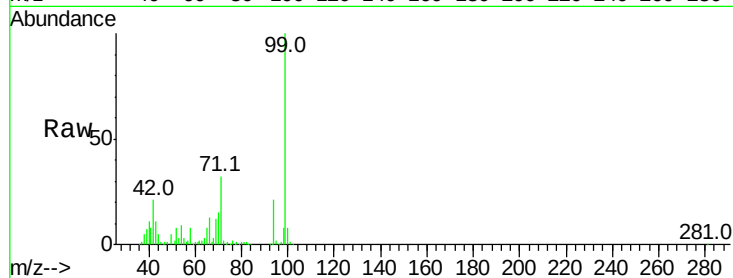
ClientSampleId :

SSTDICC050

Tot Ion:	99	Resp:	1473124
Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.5	21.7
71	32.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#8

2-Chlorophenol

Concen: 46.832 ng

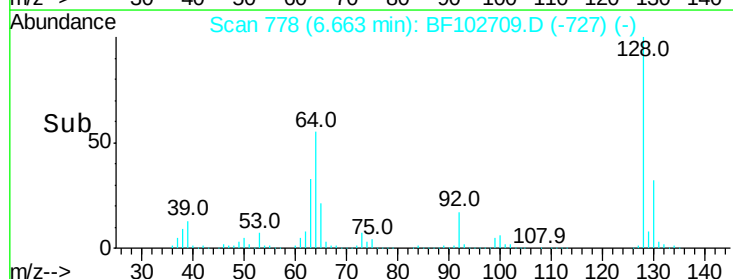
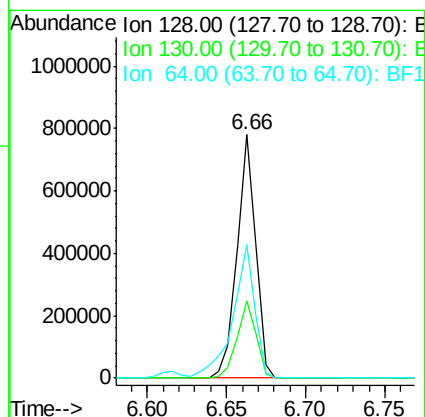
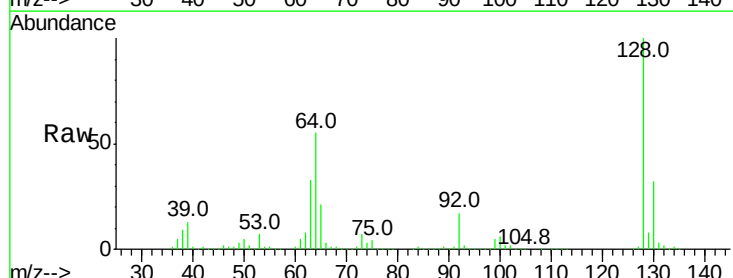
RT: 6.66 min Scan# 778

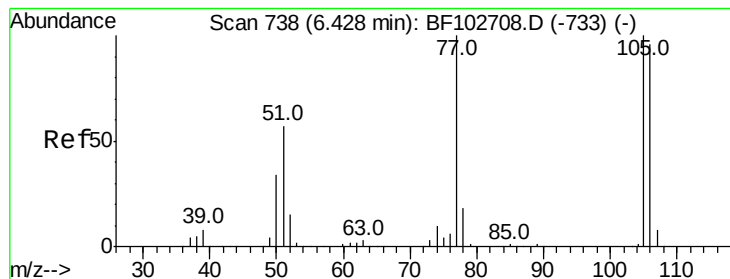
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	128	Resp:	643578
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.0	53.0
64	54.9	29.4	69.4





#9

Benzaldehyde

Concen: 49.151 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

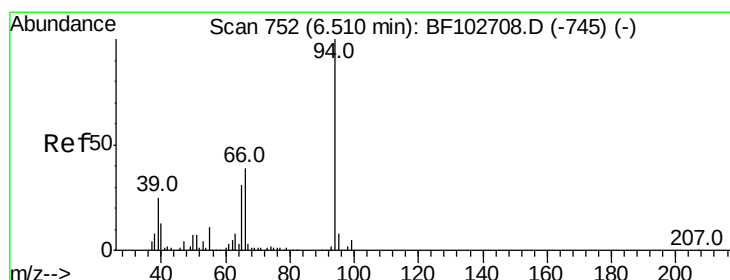
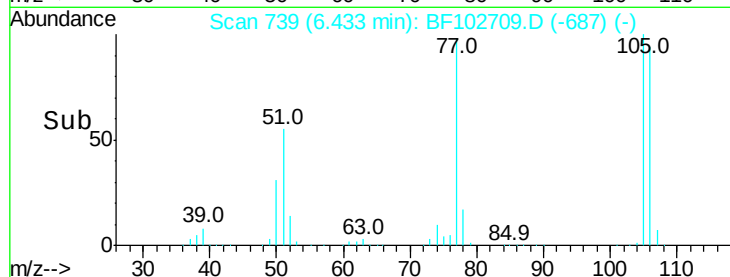
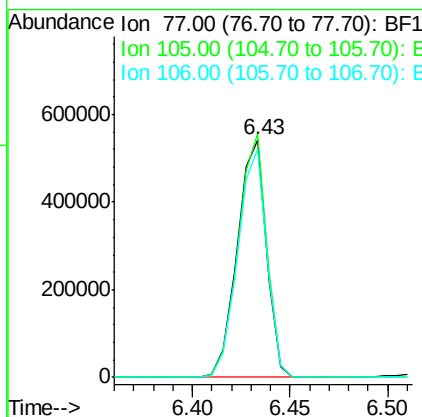
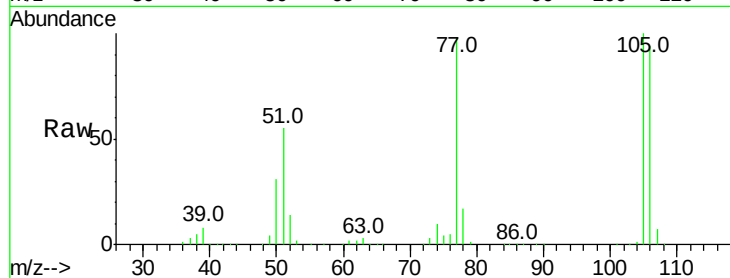
ClientSampleID :

SSTDIC050

Tot Ion:	77	Resp:	557914
Ion Ratio	Lower	Upper	
77	100		
105	102.4	81.1	121.1
106	95.8	74.5	114.5

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#10

Phenol

Concen: 42.525 ng m

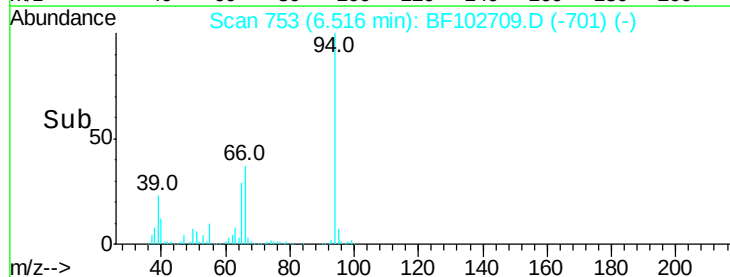
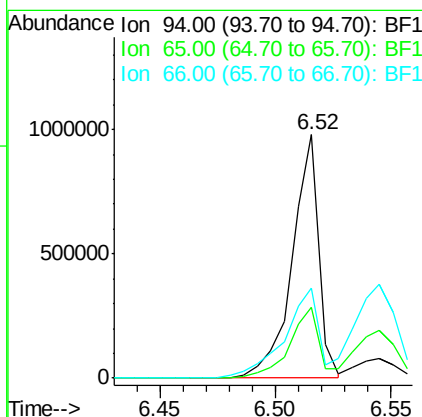
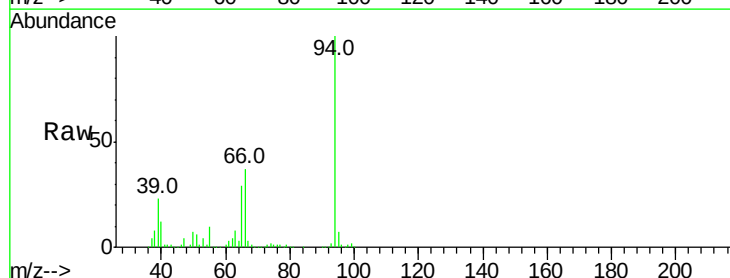
RT: 6.52 min Scan# 753

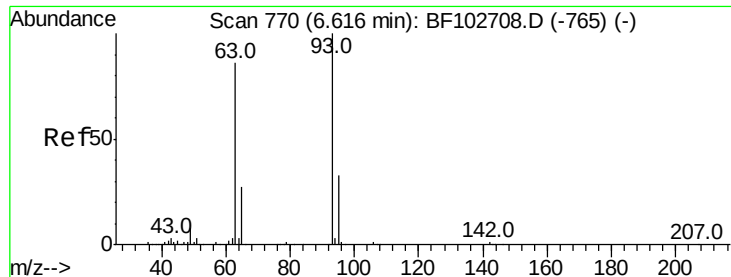
Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	94	Resp:	785652
Ion Ratio	Lower	Upper	
94	100		
65	29.3	7.9	47.9
66	37.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 47.615 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

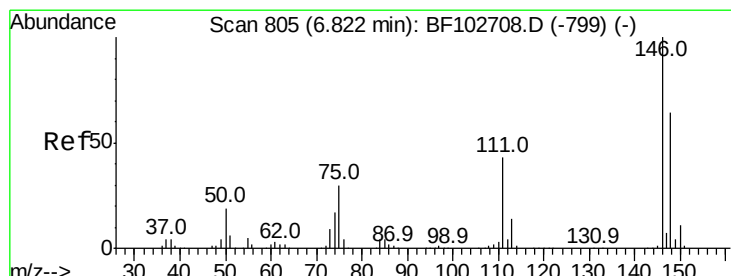
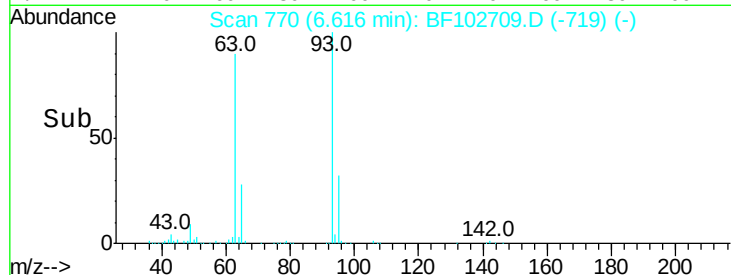
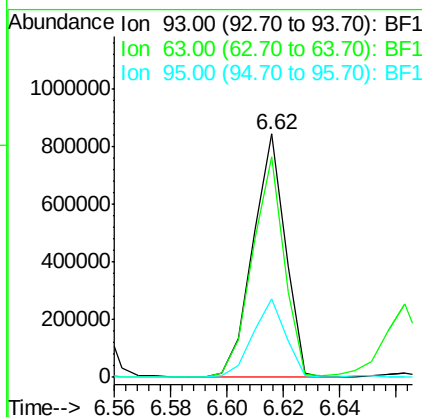
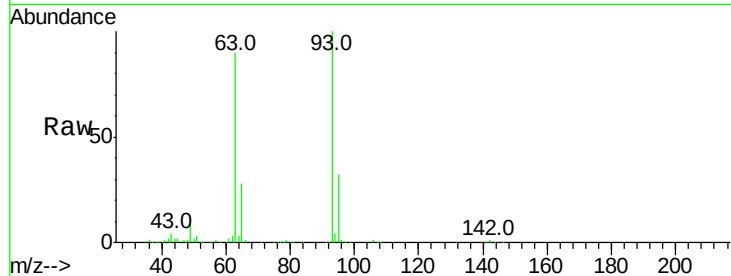
ClientSampleId :

SSTDICC050

Tot Ion	93	Resp	669561
Ion Ratio	100	Lower	Upper
93	100		
63	90.5	58.6	98.6
95	32.3	11.8	51.8

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#12

1,3-Dichlorobenzene

Concen: 46.006 ng

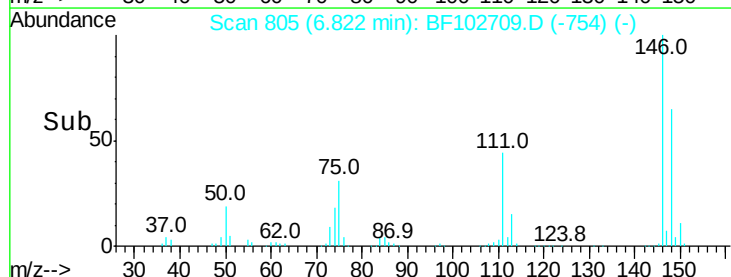
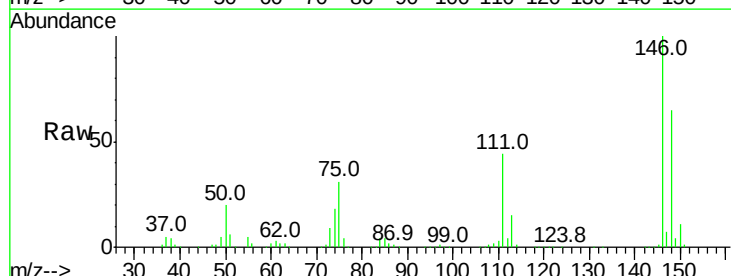
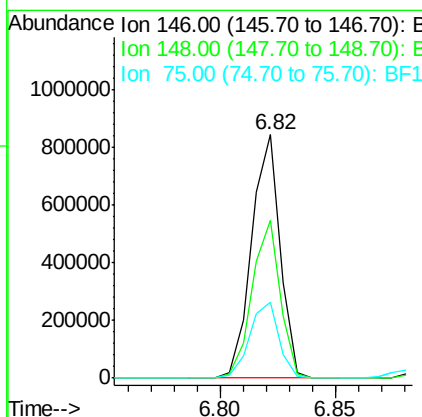
RT: 6.82 min Scan# 805

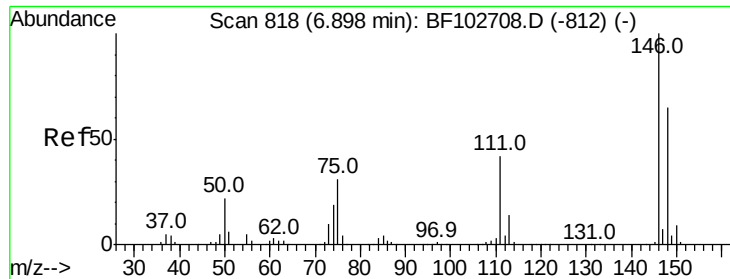
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion	146	Resp	728802
Ion Ratio	100	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	30.9	24.2	36.4





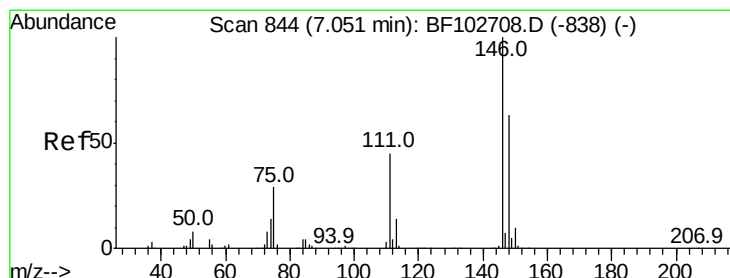
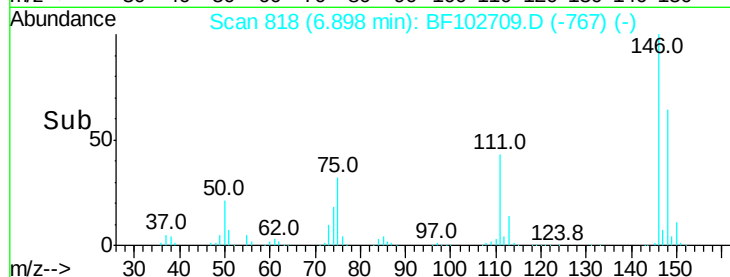
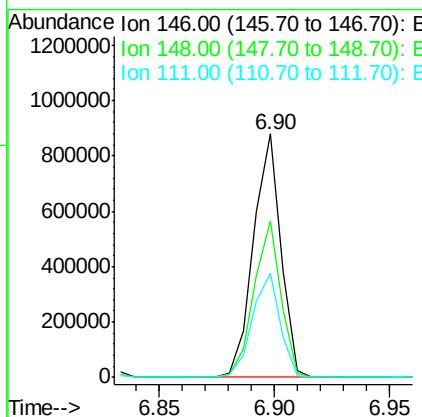
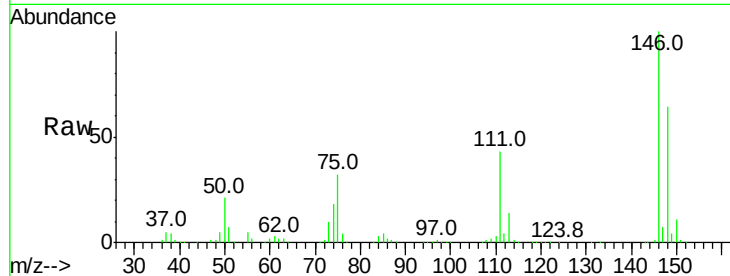
#13
 1,4-Dichlorobenzene
 Concen: 46.148 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.9	34.2	51.2

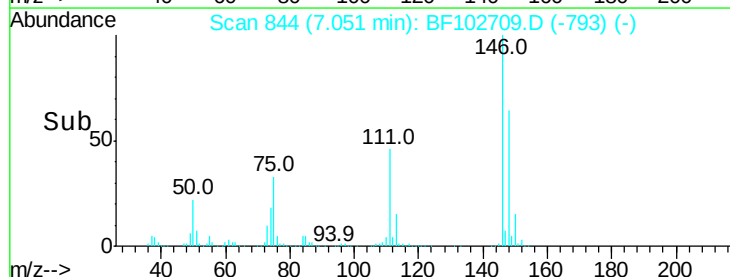
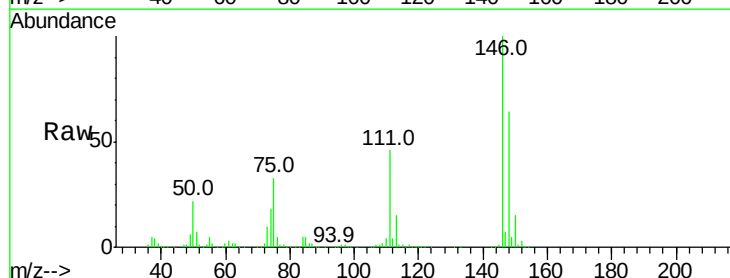
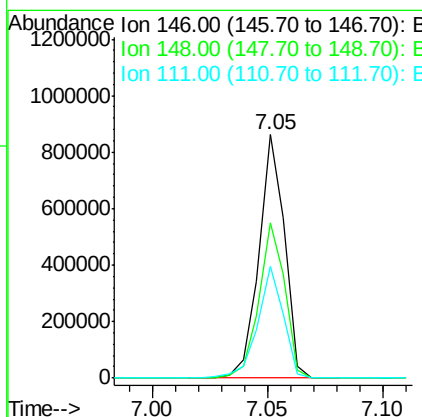
Manual Integrations
 APPROVED

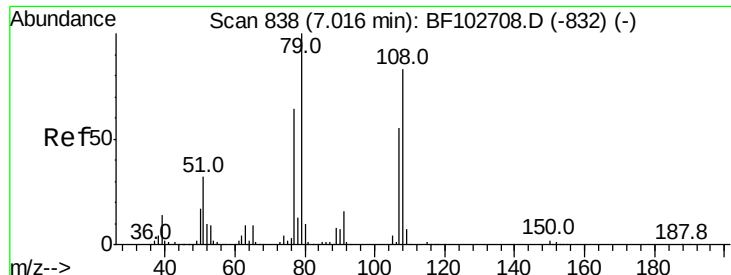
Sohil
 2/5/2018 11:05:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.604 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	45.8	36.0	54.0





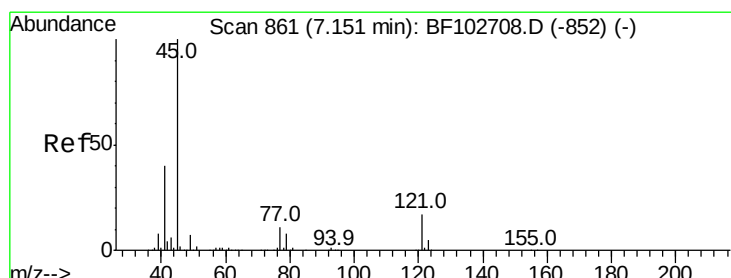
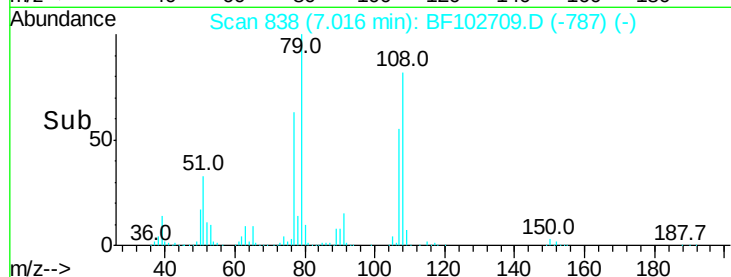
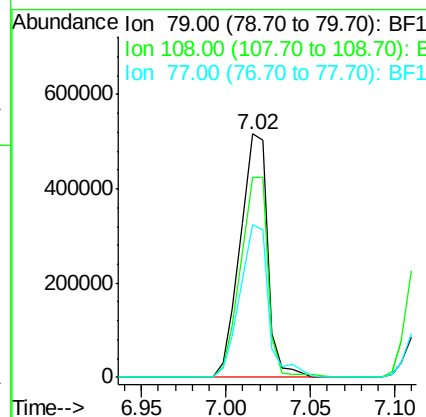
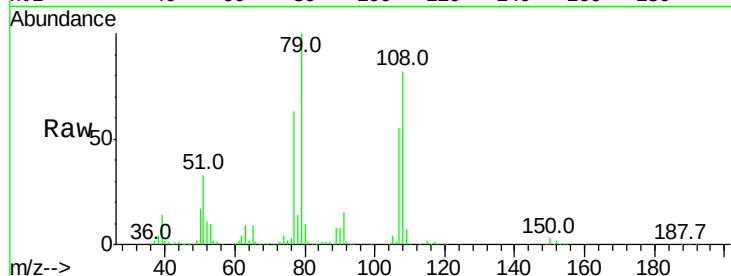
#15
Benzyl Alcohol
Concen: 49.155 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	65.1	97.7
77	62.9	50.6	75.8

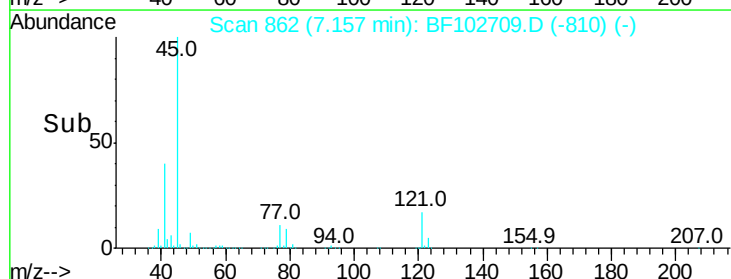
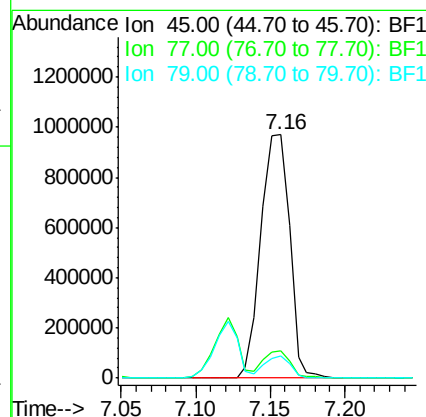
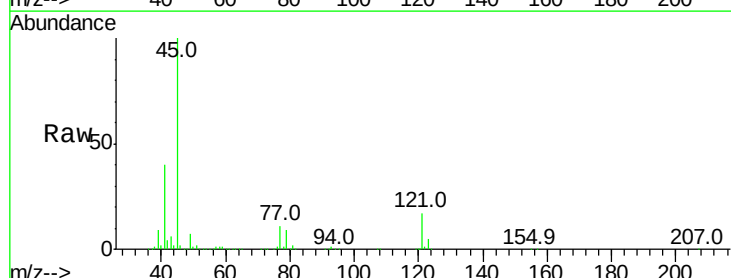
Manual Integrations
APPROVED

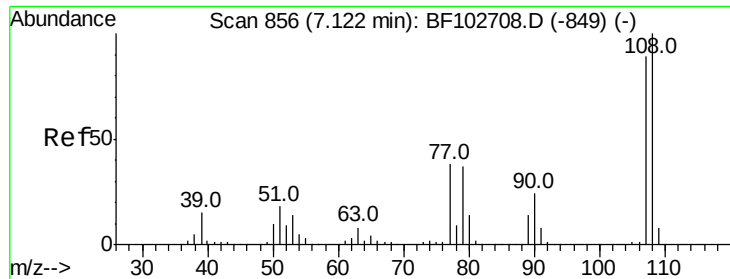
Sohil
2/5/2018 11:05:04 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.553 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.3	0.0	32.9
79	8.9	0.0	29.6





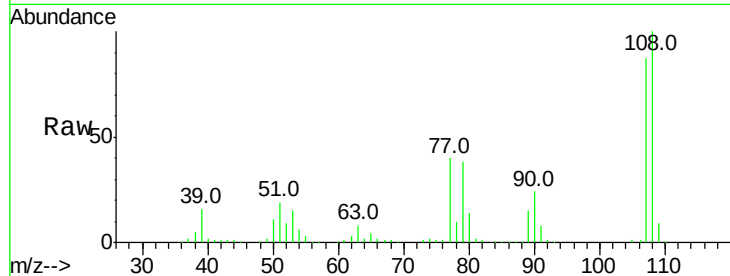
#17
2-Methylphenol
Concen: 47.989 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

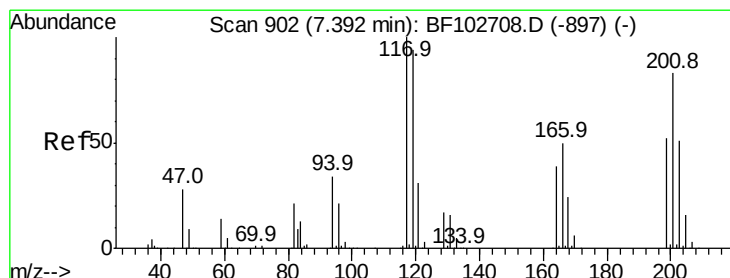
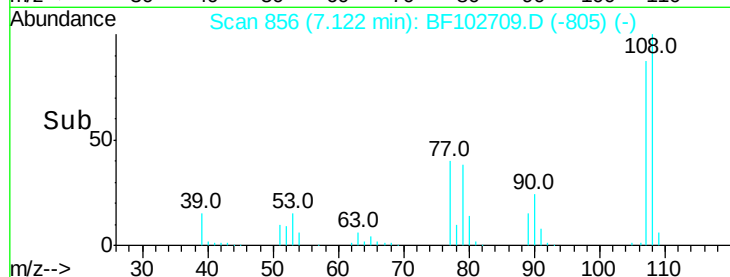
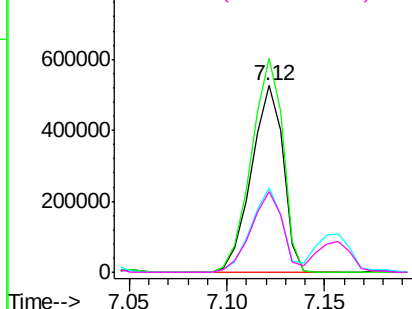
Tot Ion	Ratio	Resp	Lower	Upper
107	100	594908		
108	114.5		91.7	137.5
77	45.6		33.8	50.8
79	43.0		33.8	50.8

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM

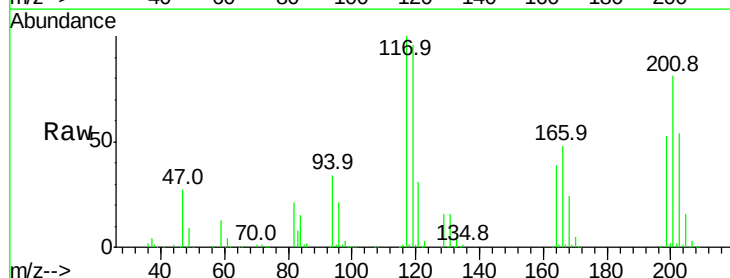


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

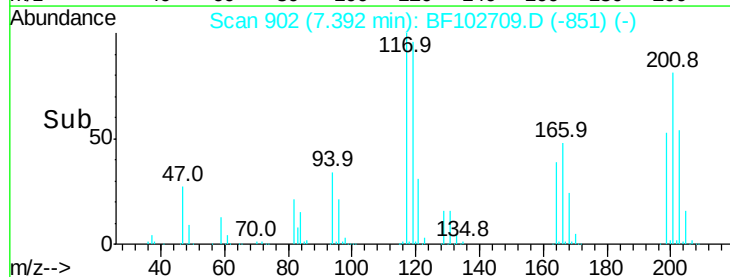
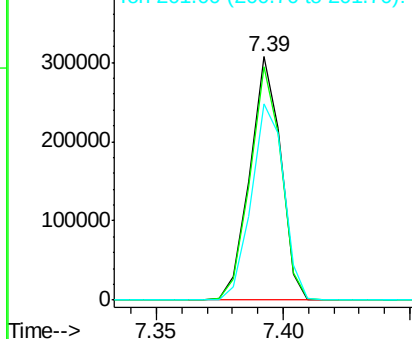


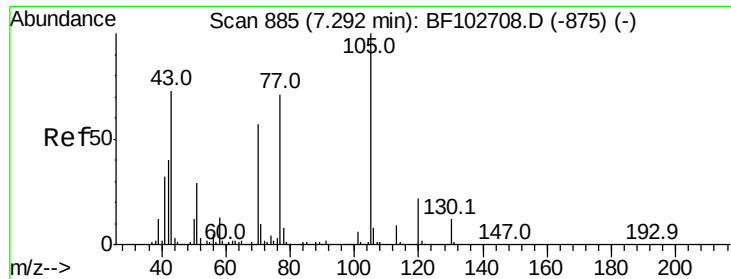
#18
Hexachloroethane
Concen: 46.969 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	261454		
119	95.7		75.8	113.8
201	80.5		75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





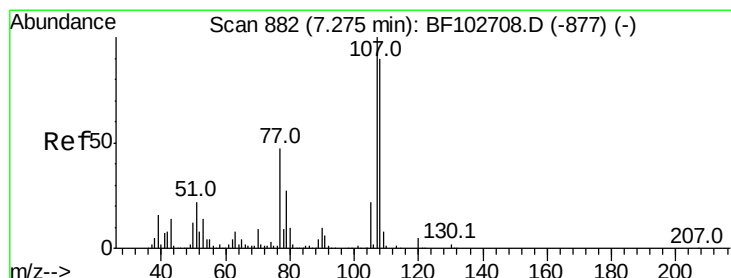
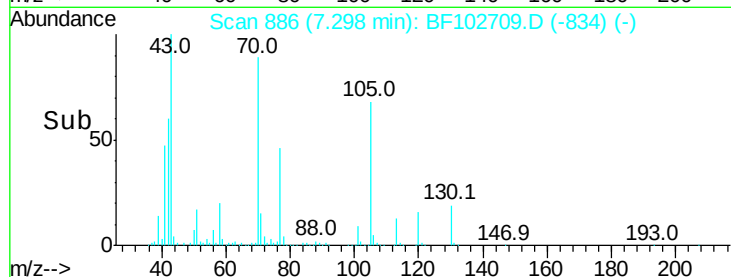
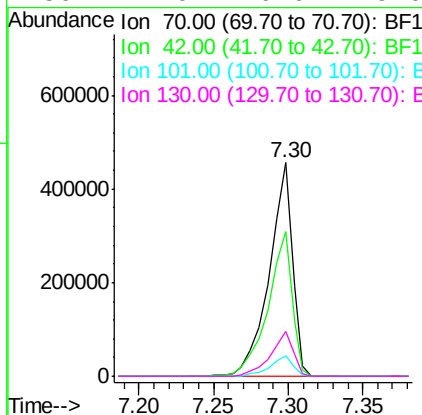
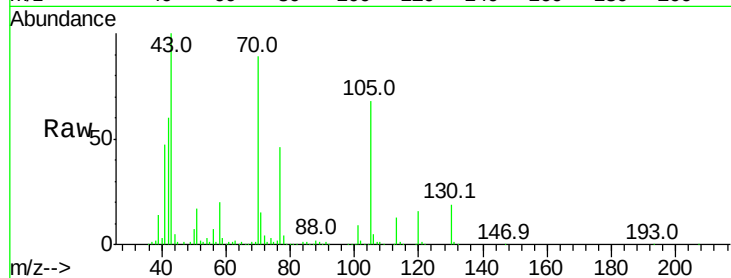
#19
n-Nitroso-di-n-propylamine
Concen: 45.785 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	47.5	71.3
101	9.7	7.4	11.2
130	21.0	16.6	25.0

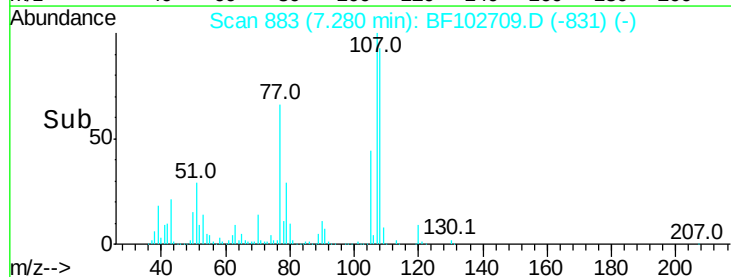
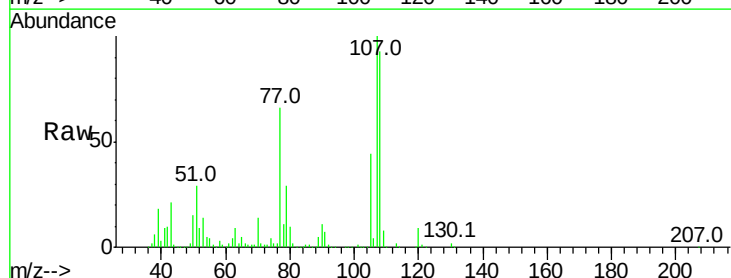
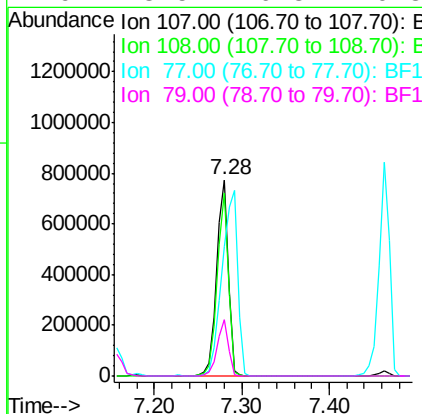
Manual Integrations
APPROVED

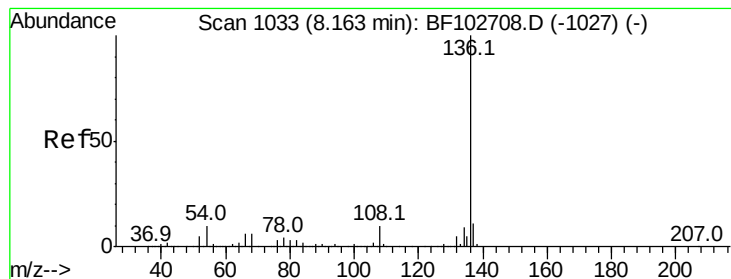
Sohil
2/5/2018 11:05:04 AM



#20
3+4-Methylphenols
Concen: 48.413 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	65.9	26.7	66.7
79	28.5	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: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

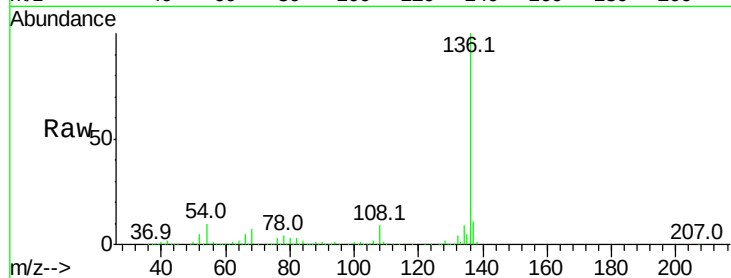
ClientSampleId :

SSTDIC050

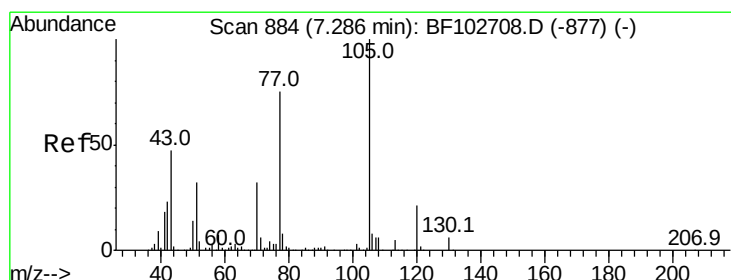
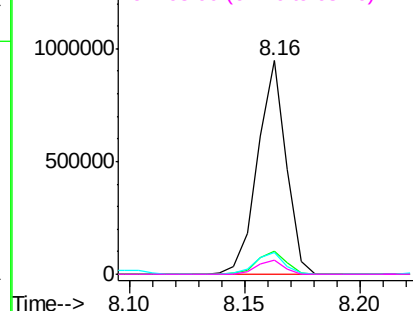
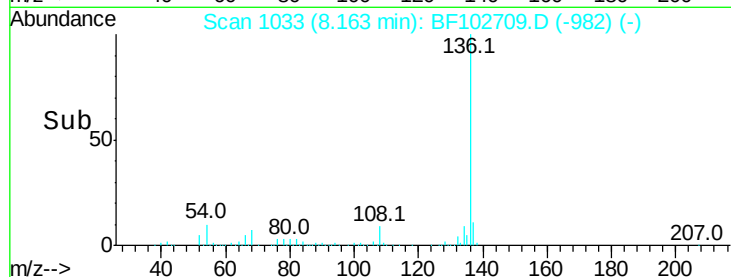
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.9	6.6	9.8
68	6.6	5.0	7.4

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 47.459 ng

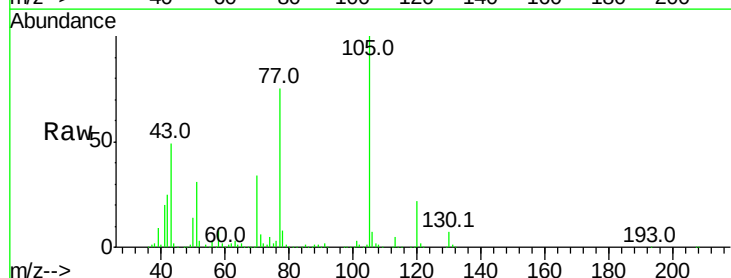
RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

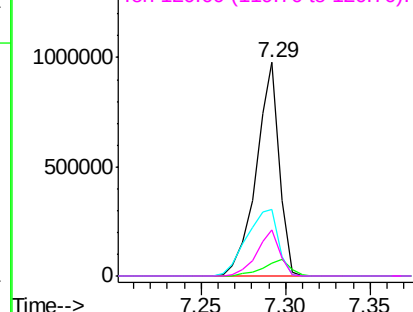
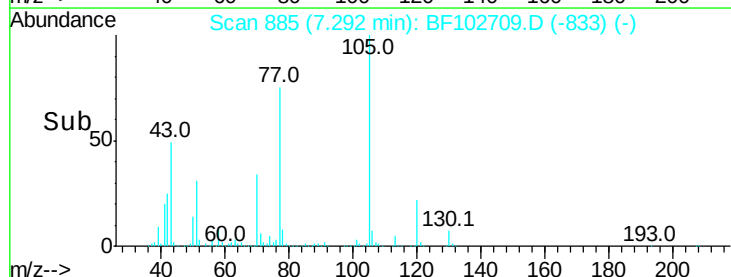
Lab File: BF102709.D

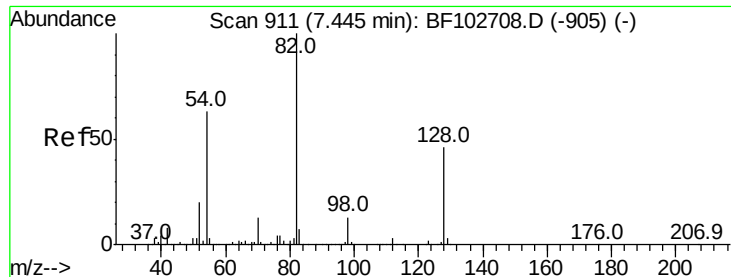
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.0	4.4	6.6
51	31.3	22.3	33.5
120	21.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





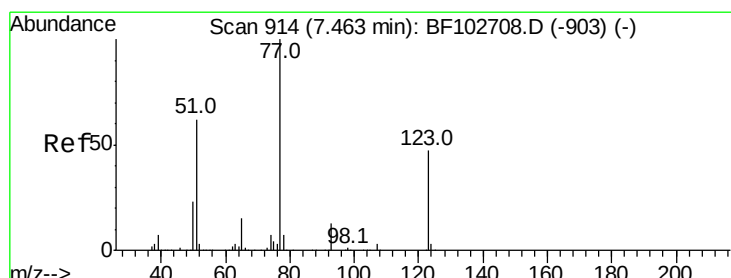
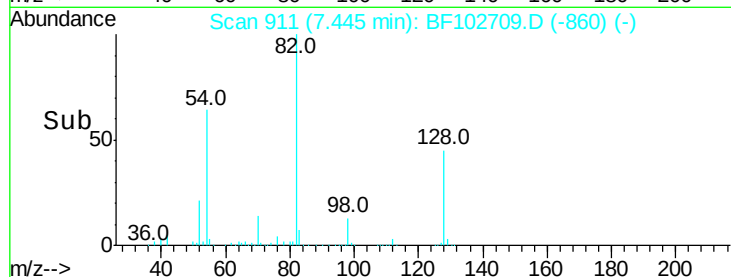
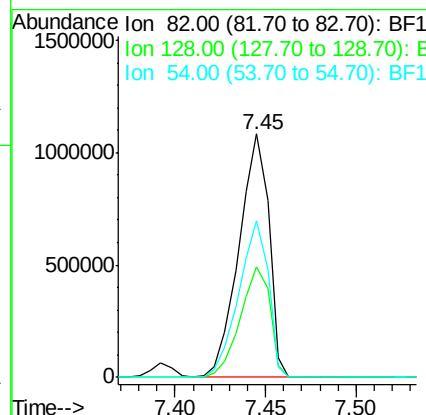
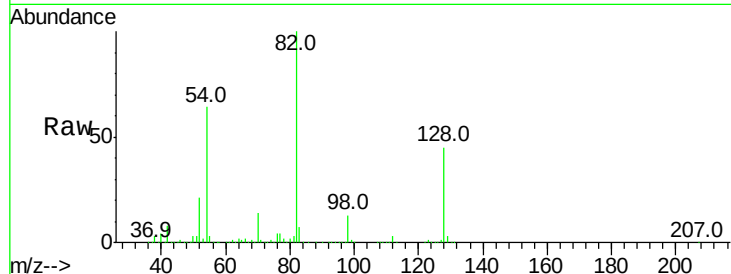
#23
Nitrobenzene-d5
Concen: 89.594 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tot Ion: 82 Resp: 1240368
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 64.4 41.4 62.2#

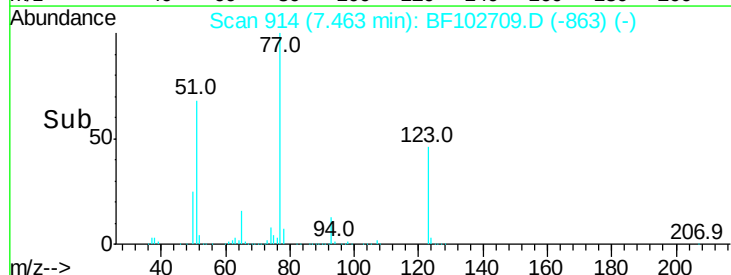
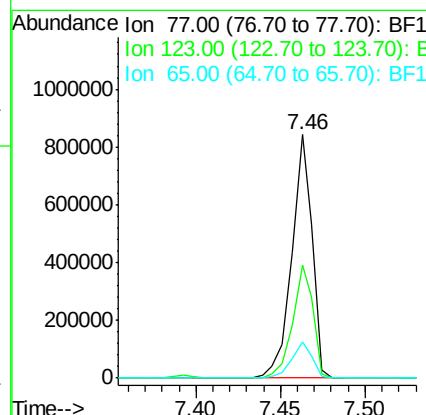
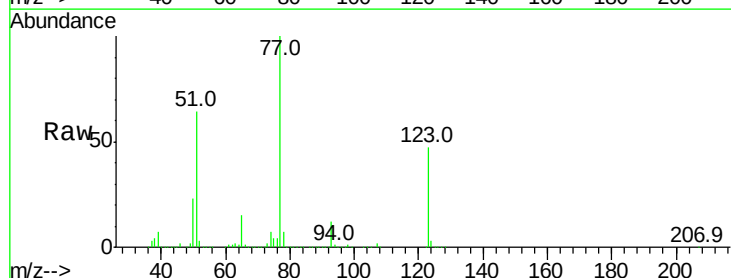
Manual Integrations
APPROVED

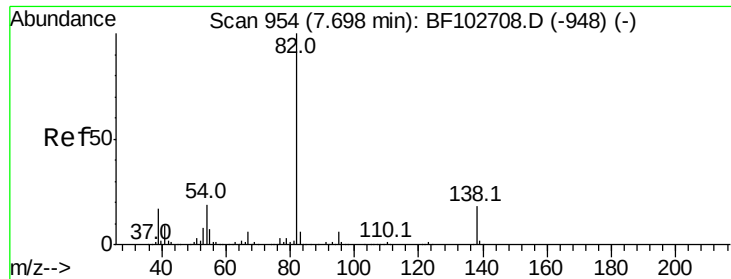
Sohil
2/5/2018 11:05:04 AM



#24
Nitrobenzene
Concen: 47.693 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion: 77 Resp: 709498
Ion Ratio Lower Upper
77 100
123 46.7 37.9 56.9
65 15.1 11.0 16.4





#25

Isophorone

Concen: 48.624 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion: 82 Resp: 1330135

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

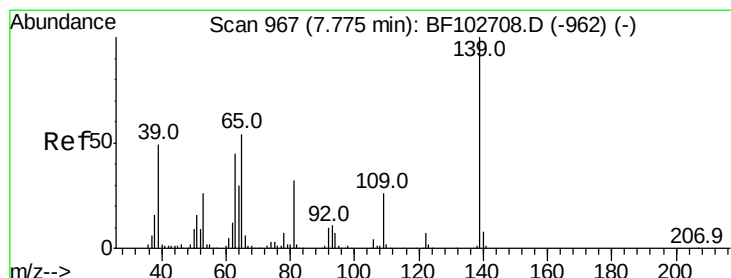
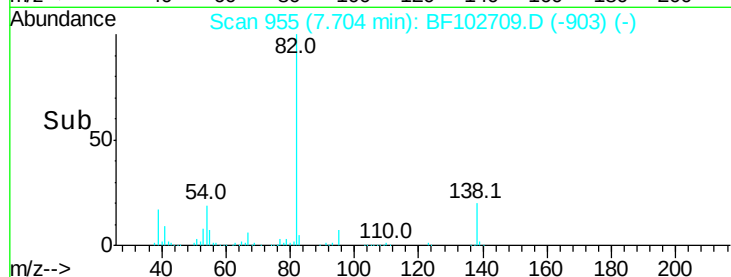
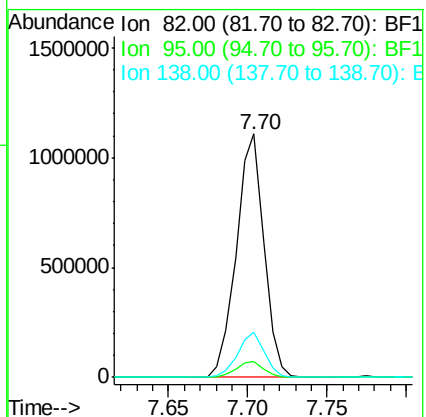
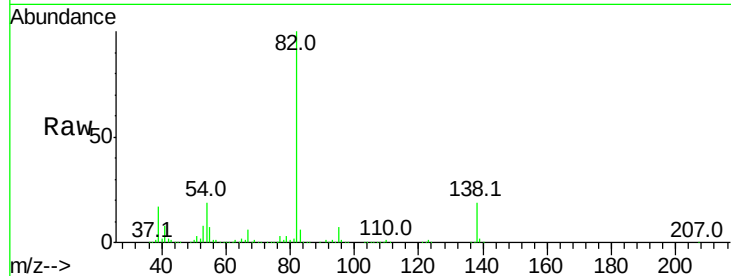
138 18.8 14.9 22.3

Manual Integrations

APPROVED

Sohil

2/5/2018 11:05:04 AM



#26

2-Nitrophenol

Concen: 45.331 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

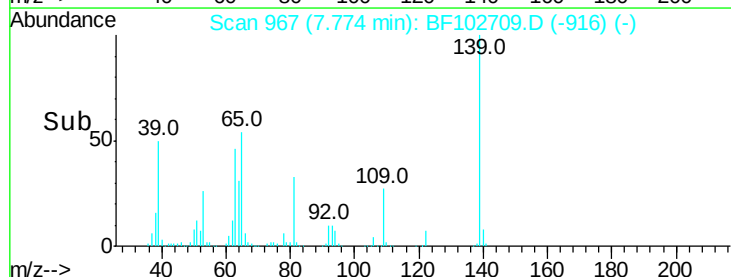
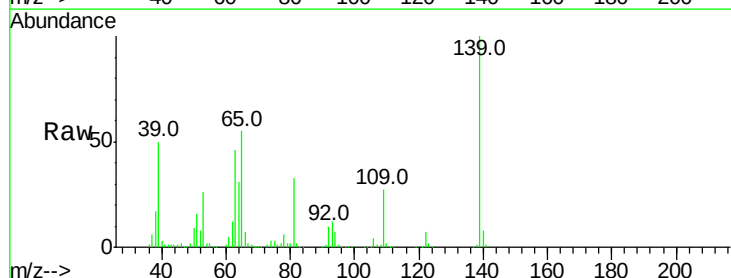
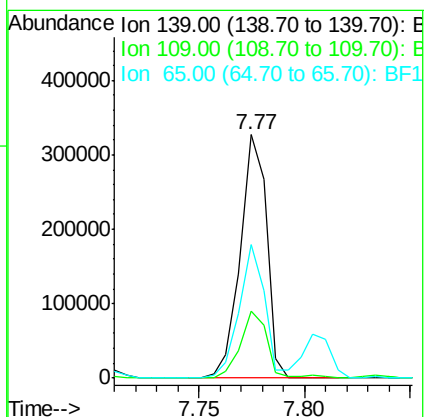
Tgt Ion: 139 Resp: 282255

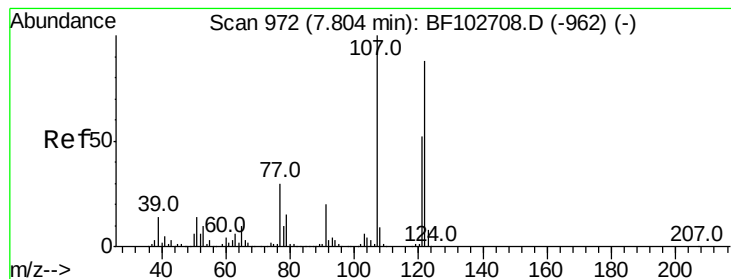
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 55.1 40.5 60.7





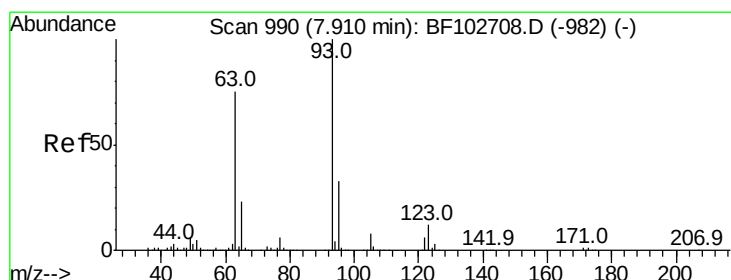
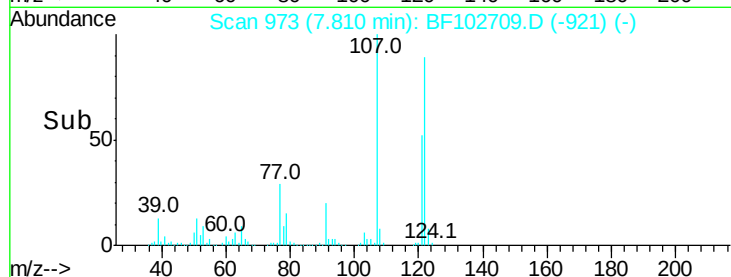
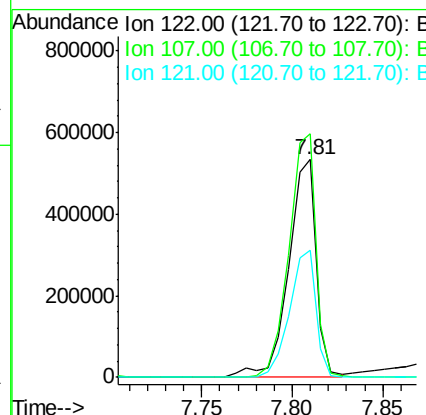
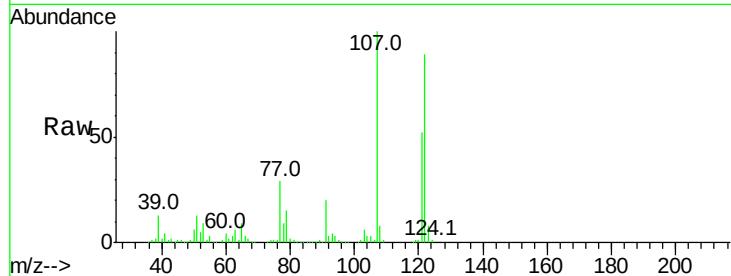
#27
 2,4-Dimethylphenol
 Concen: 49.091 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	570858		
107	111.8	91.2	136.8	
121	58.4	47.2	70.8	

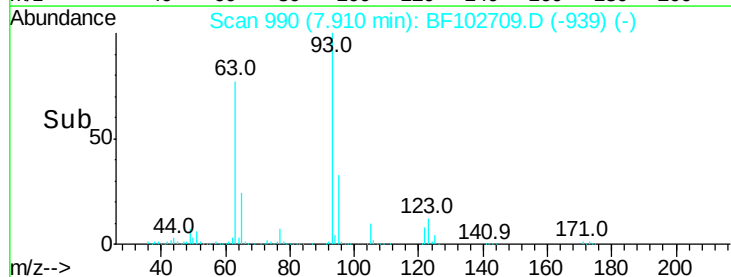
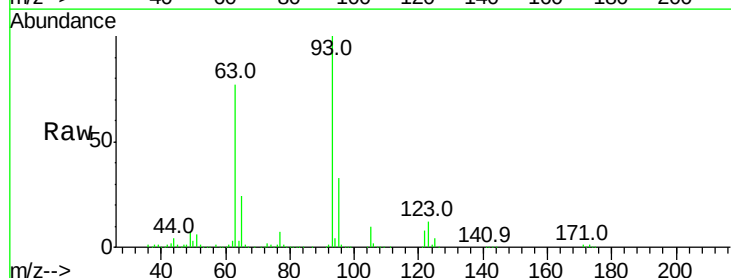
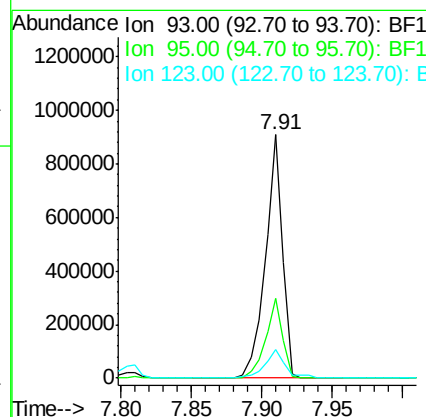
Manual Integrations
 APPROVED

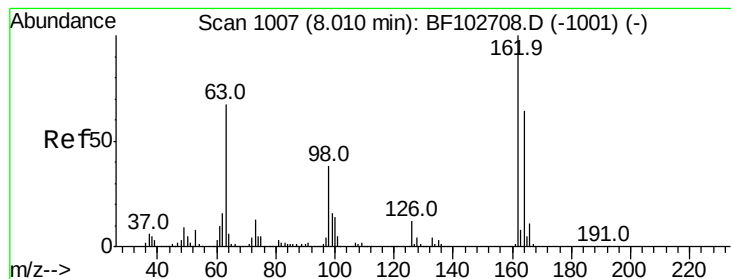
Sohil
 2/5/2018 11:05:04 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.311 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	781448		
95	32.8	26.3	39.5	
123	12.0	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 48.329 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

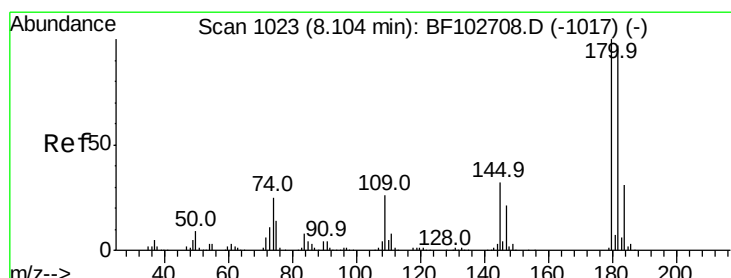
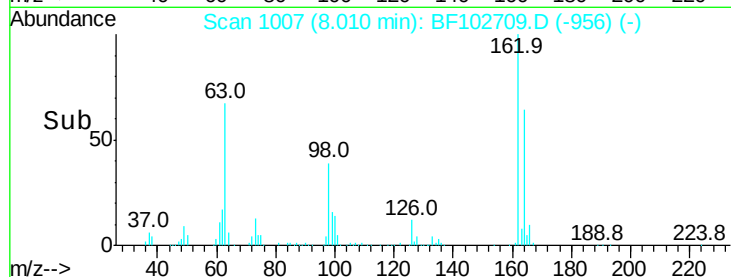
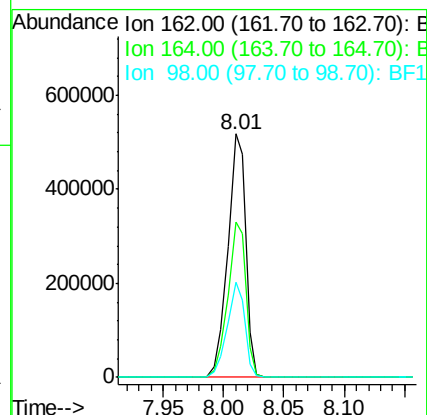
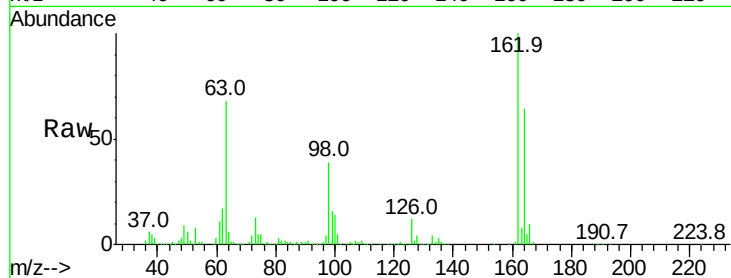
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	533640
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	38.9	18.1	58.1

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#30

1,2,4-Trichlorobenzene

Concen: 49.593 ng

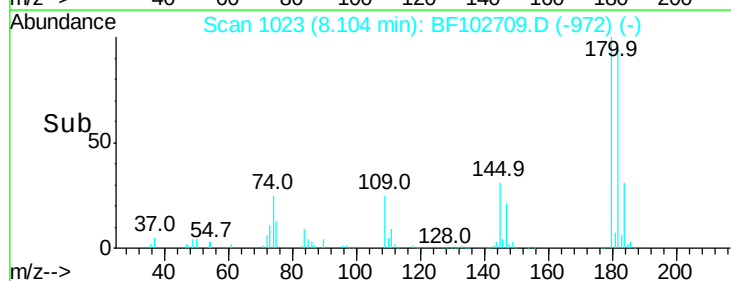
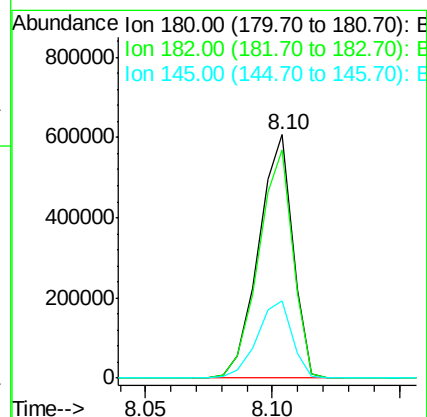
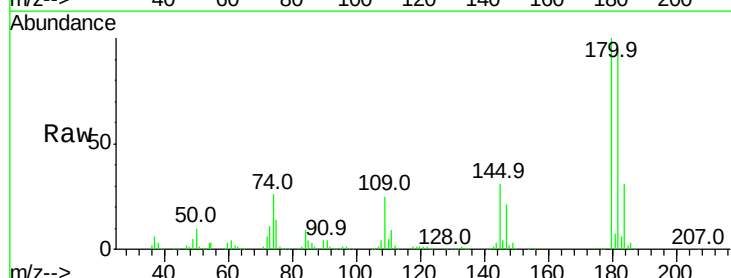
RT: 8.10 min Scan# 1023

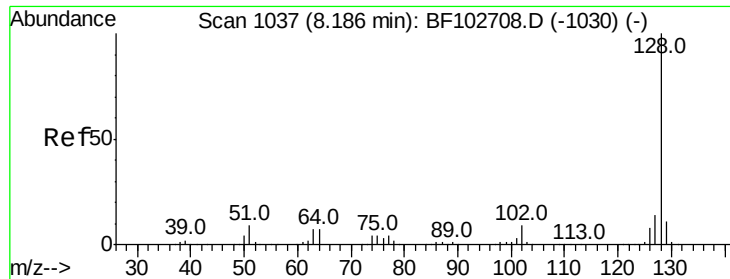
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	180	Resp:	572771
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	31.5	26.5	39.7





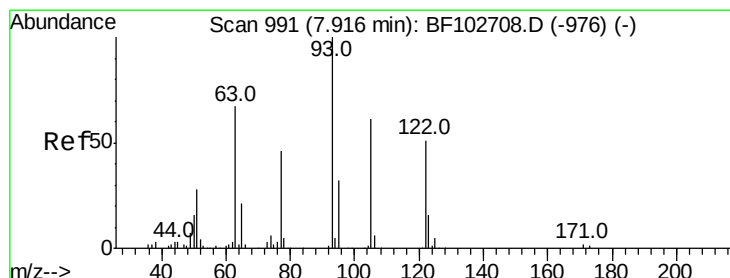
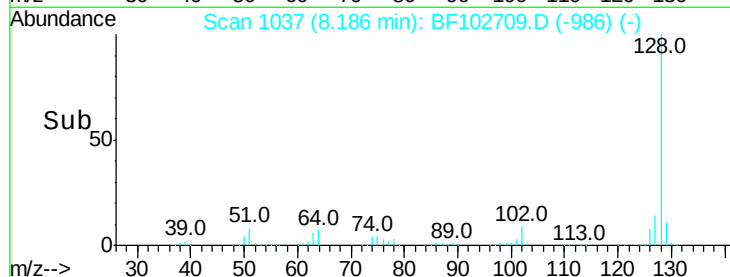
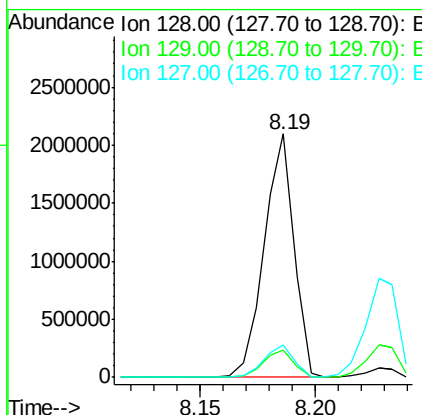
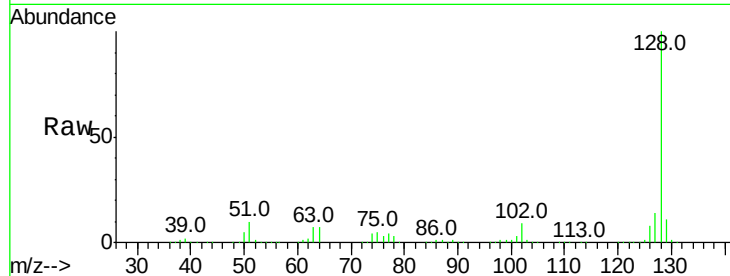
#31
Naphthalene
Concen: 46.242 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3

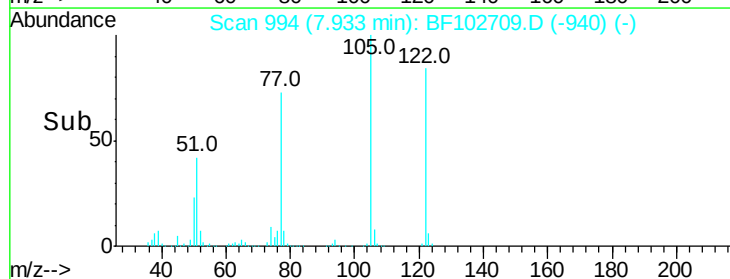
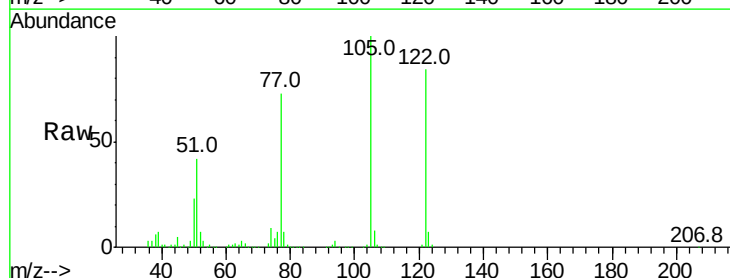
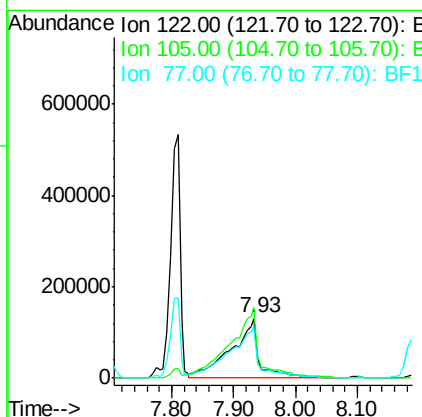
Manual Integrations
APPROVED

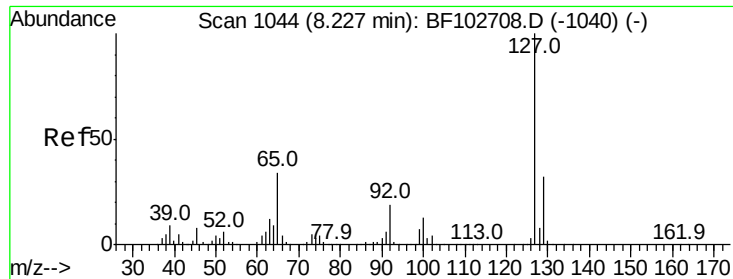
Sohil
2/5/2018 11:05:04 AM



#32
Benzoic acid
Concen: 46.999 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.02 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	101.1	141.1
77	87.3	70.7	110.7





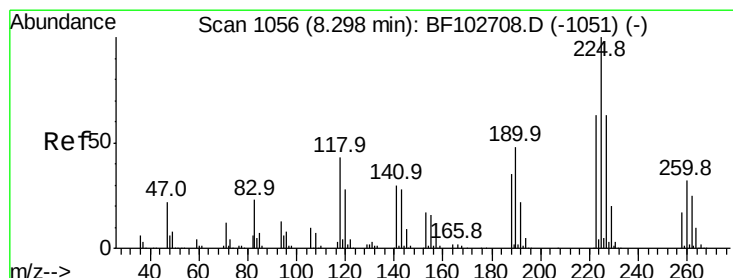
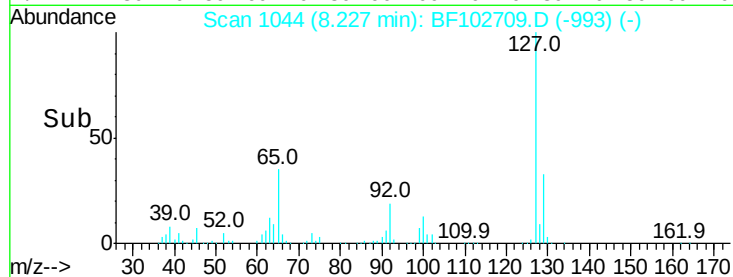
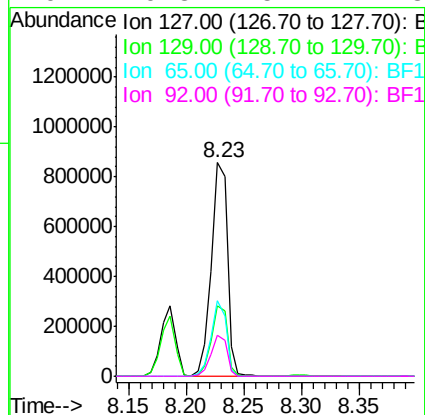
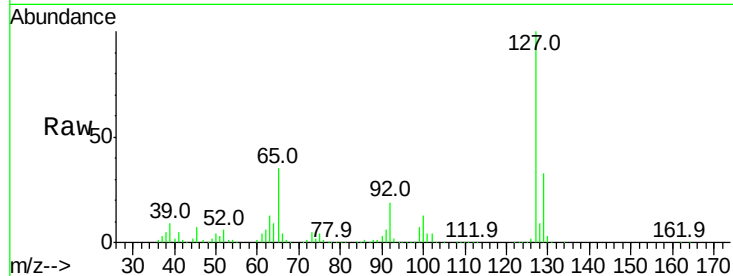
#33
4-Chloroaniline
Concen: 48.163 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	25.9	38.9	
65	35.3	25.0	37.4	
92	19.3	15.2	22.8	

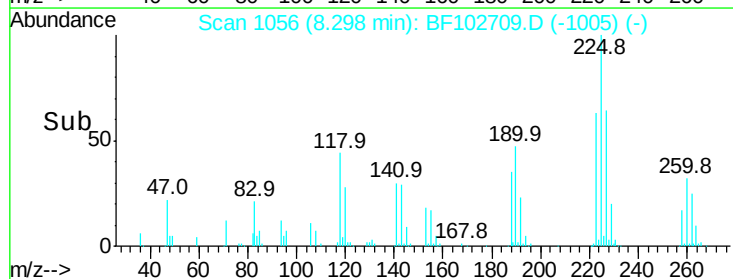
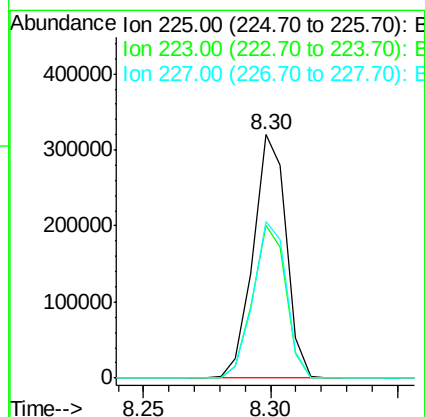
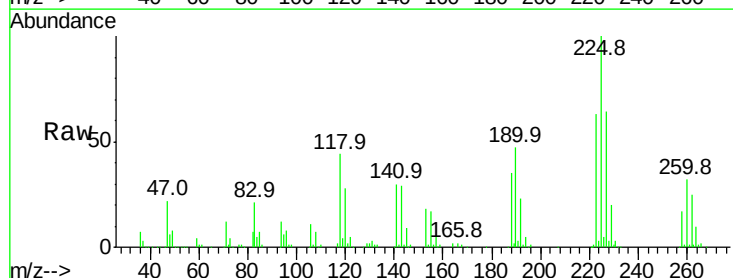
Manual Integrations
APPROVED

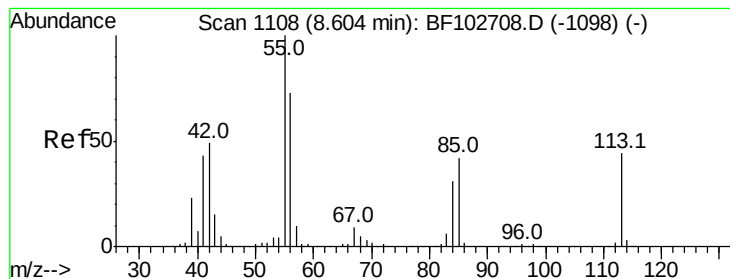
Sohil
2/5/2018 11:05:04 AM



#34
Hexachlorobutadiene
Concen: 47.350 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	50.6	76.0	
227	64.1	51.9	77.9	





#35

Caprolactam

Concen: 51.432 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

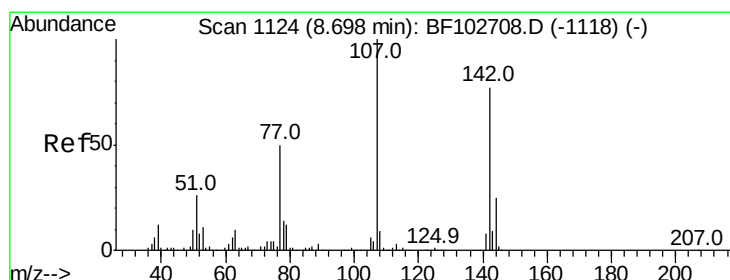
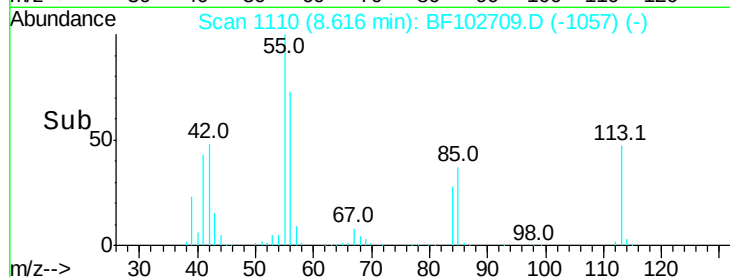
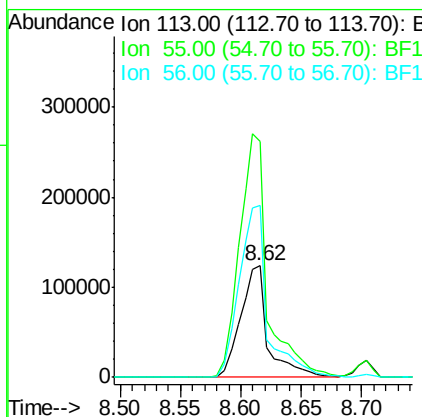
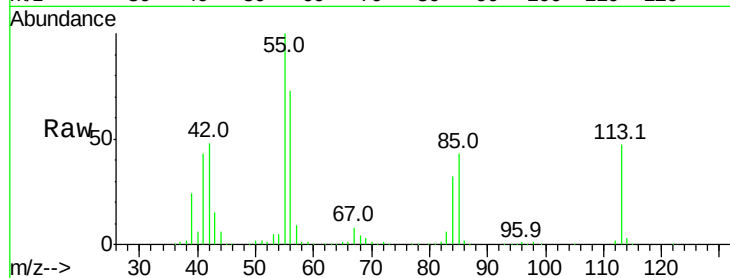
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	212.5	163.3	203.3#		
56	155.0	115.7	155.7		

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#36

4-Chloro-3-methylphenol

Concen: 48.665 ng

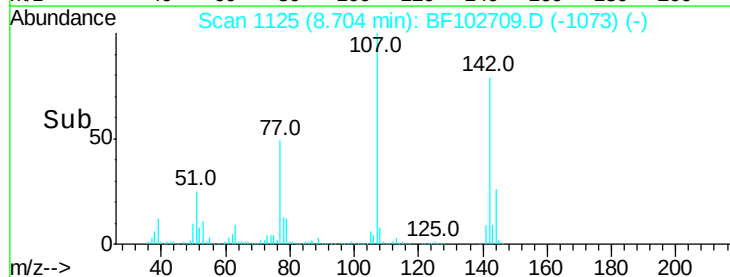
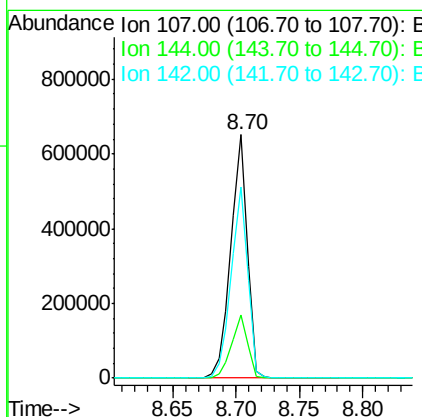
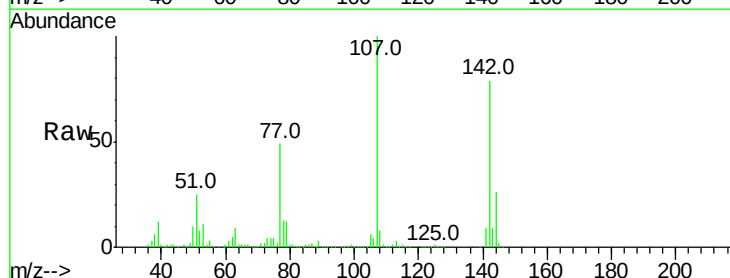
RT: 8.70 min Scan# 1125

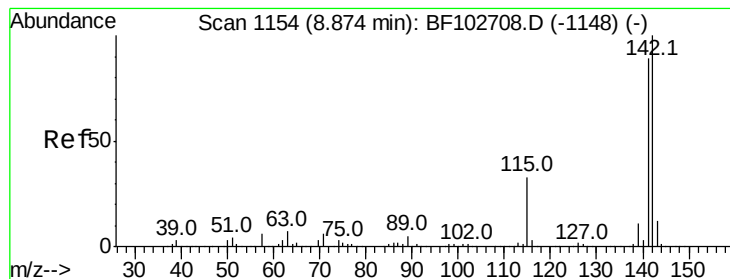
Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.0	20.5	30.7		
142	78.6	62.0	93.0		





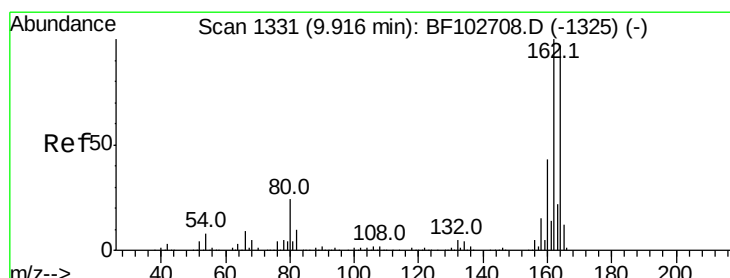
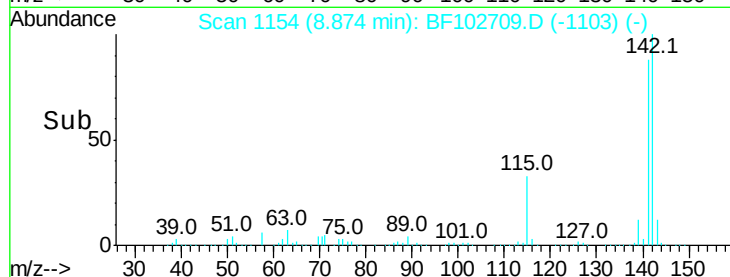
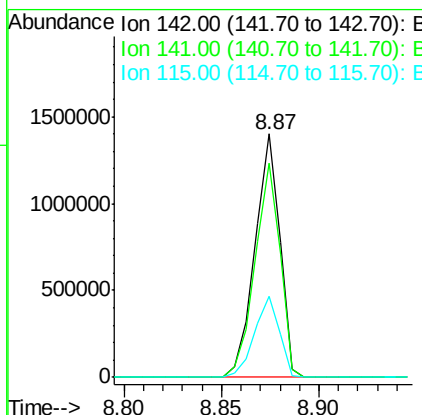
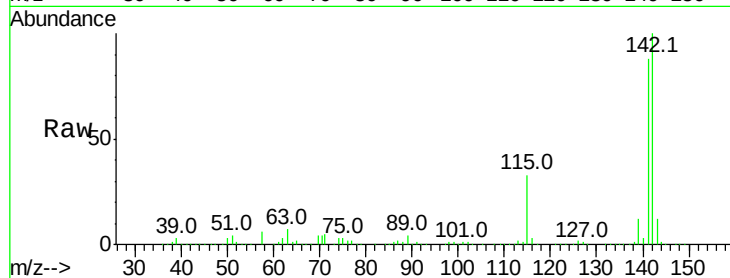
#37
 2-Methylnaphthalene
 Concen: 46.171 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	33.1	26.1	39.1

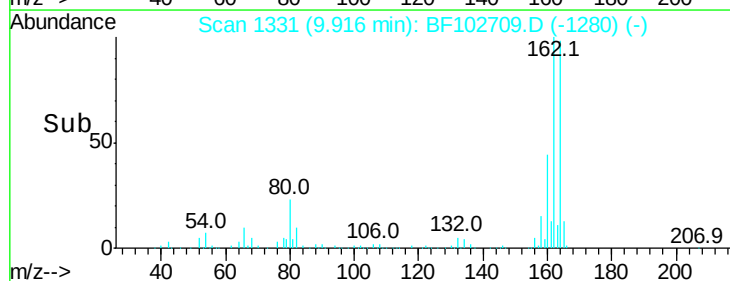
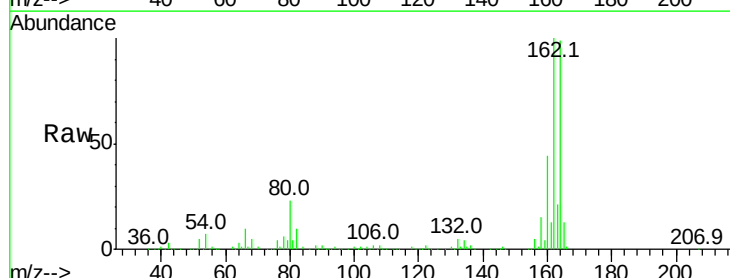
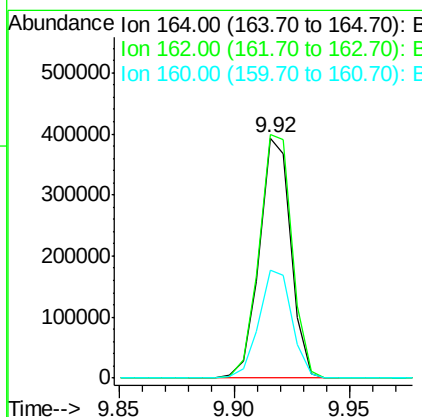
Manual Integrations
 APPROVED

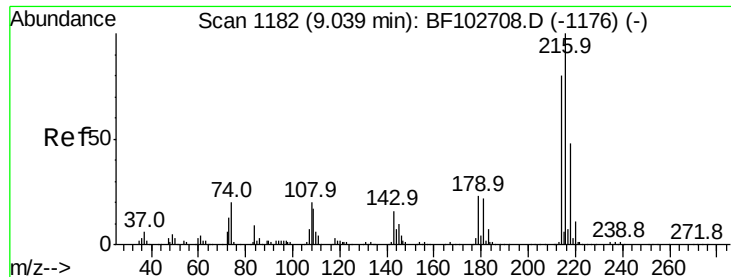
Sohil
 2/5/2018 11:05:04 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	44.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.673 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

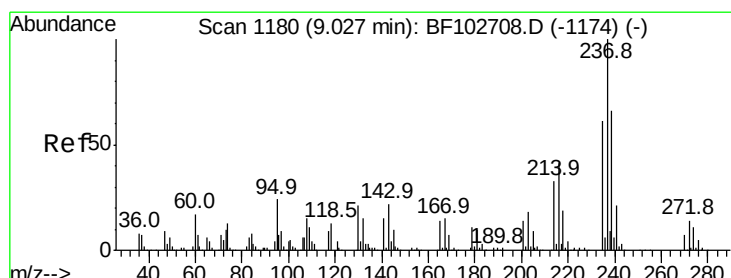
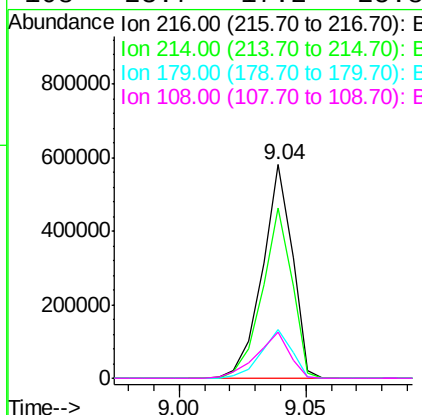
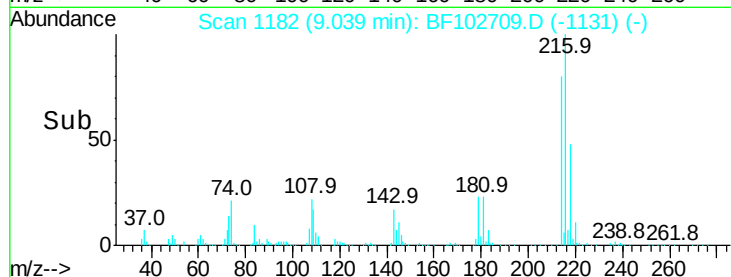
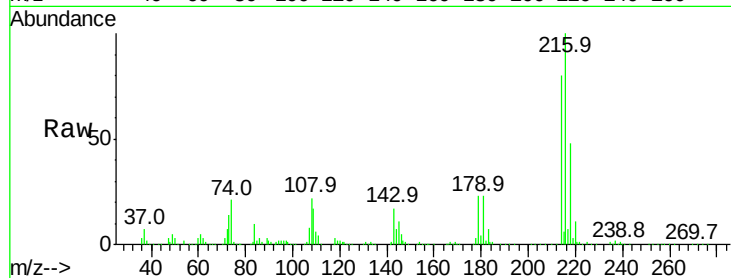
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
216	100	482843		
214	79.2	63.0	94.4	
179	23.3	18.1	27.1	
108	23.7	17.2	25.8	

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#40

Hexachlorocyclopentadiene

Concen: 45.321 ng

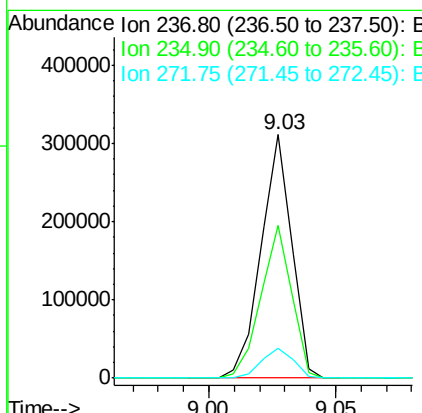
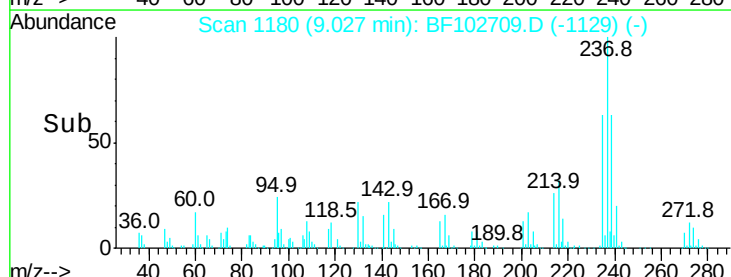
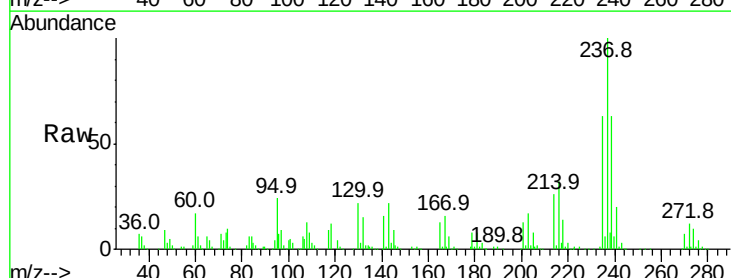
RT: 9.03 min Scan# 1180

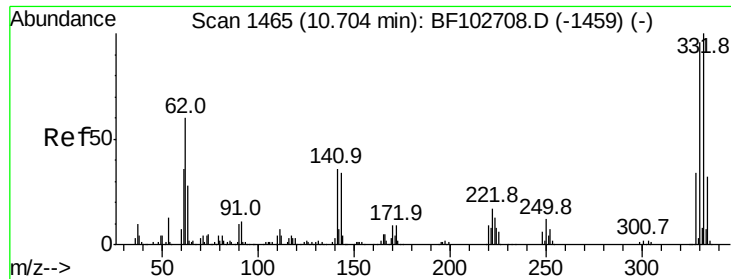
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	262025		
235	62.7	44.8	84.8	
272	12.4	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 99.959 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

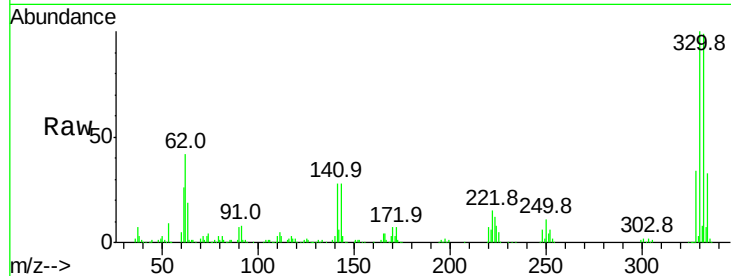
ClientSampleId :

SSTDIC050

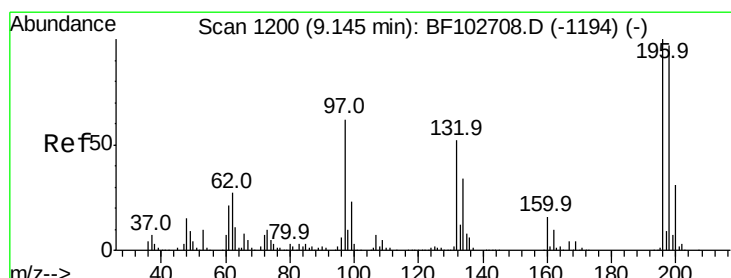
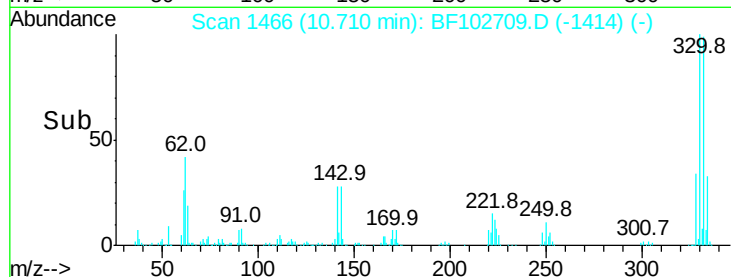
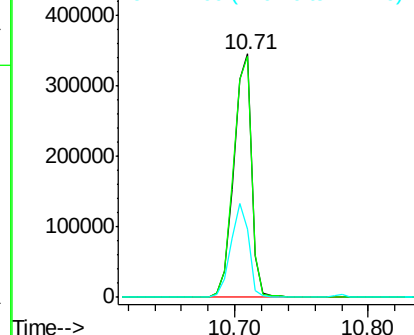
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.7	77.0	115.6	
141	39.2	29.9	44.9	

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 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: 48.598 ng

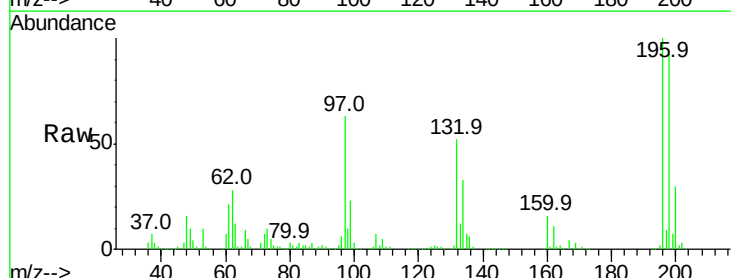
RT: 9.14 min Scan# 1200

Delta R.T. -0.00 min

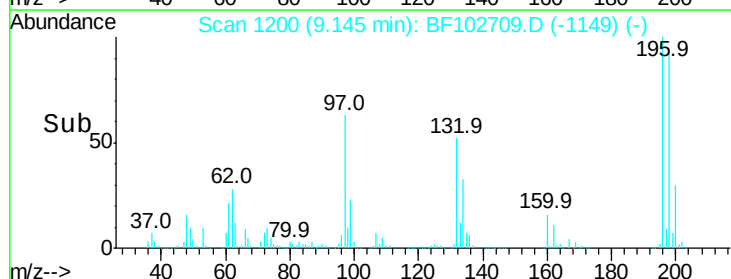
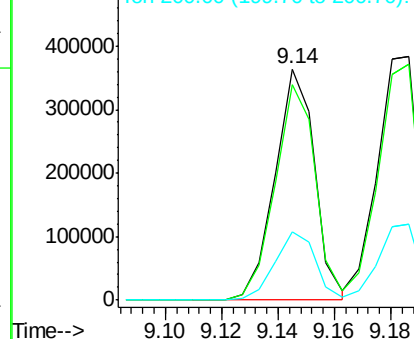
Lab File: BF102709.D

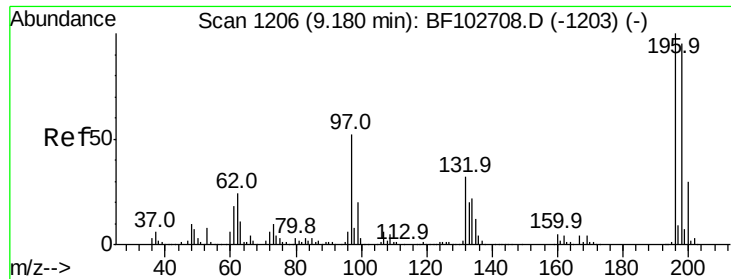
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.0	75.7	113.5	
200	29.8	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





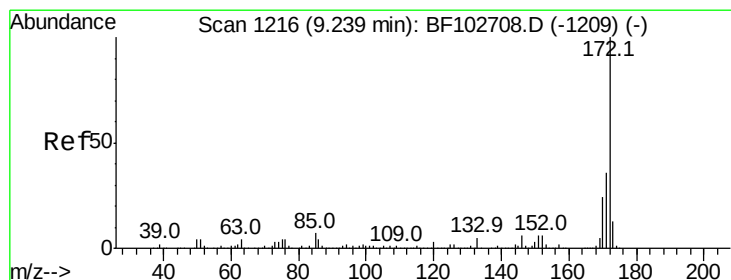
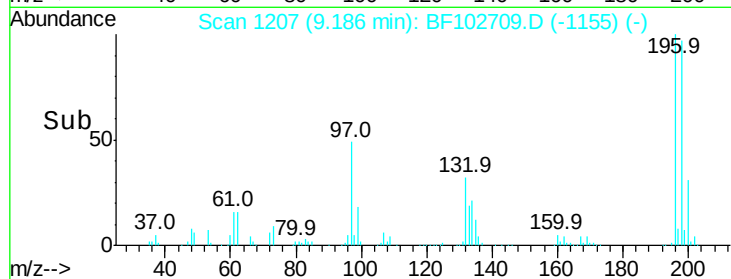
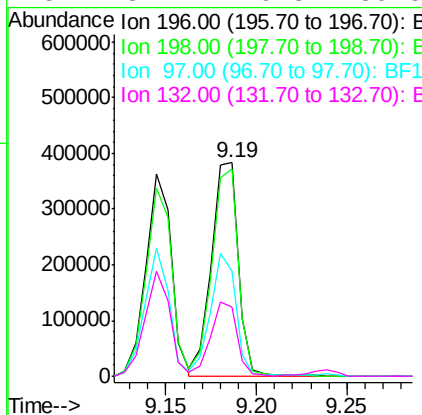
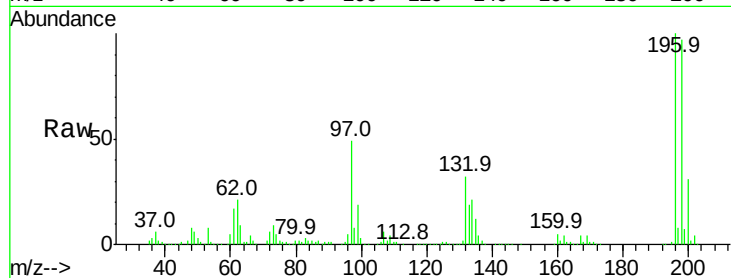
#43
 2,4,5-Trichlorophenol
 Concen: 47.926 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	196	Resp:	394620
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.6	112.0
97	49.4	42.9	64.3
132	32.1	26.3	39.5

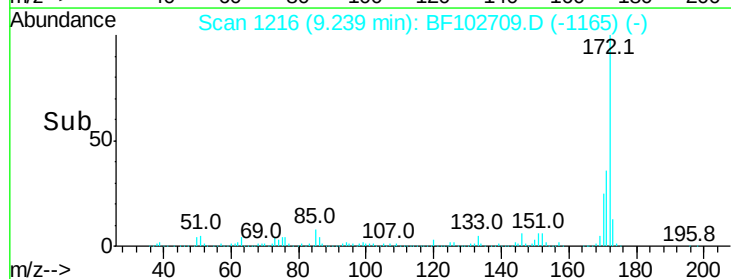
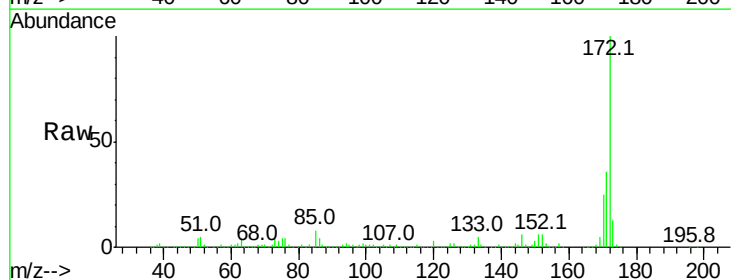
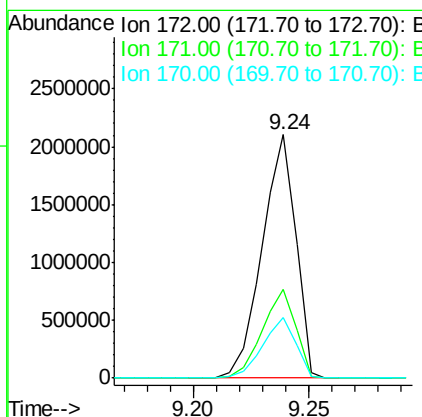
Manual Integrations
 APPROVED

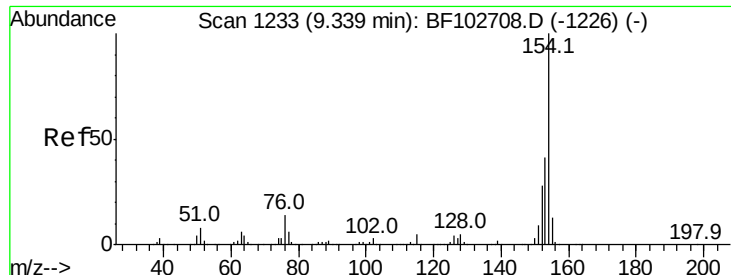
Sohil
 2/5/2018 11:05:04 AM



#44
 2-Fluorobiphenyl
 Concen: 88.954 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:	172	Resp:	2127698
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 45.089 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1489278

Ion Ratio Lower Upper

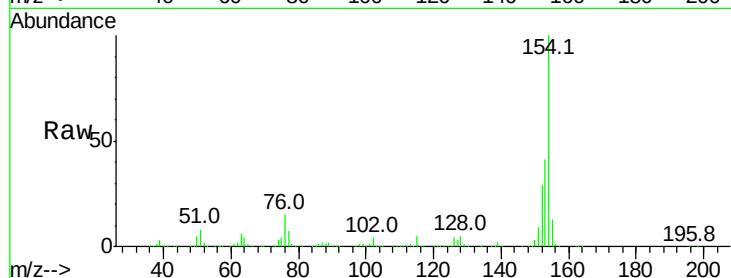
154 100

153 41.3 21.3 61.3

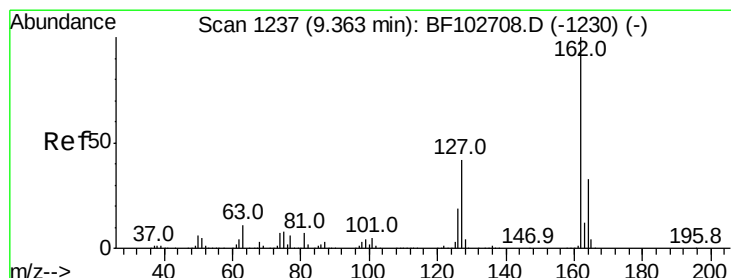
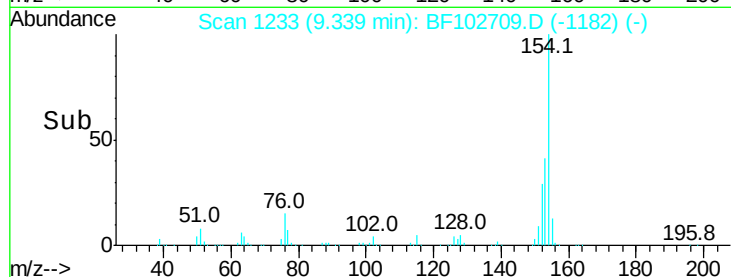
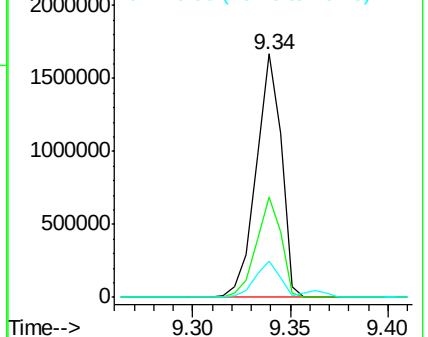
76 14.8 0.0 34.0

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 46.439 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

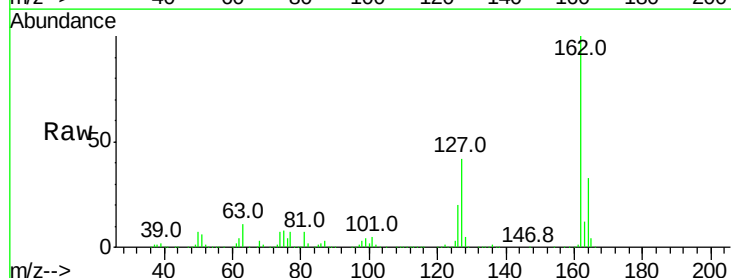
Tgt Ion:162 Resp: 1189452

Ion Ratio Lower Upper

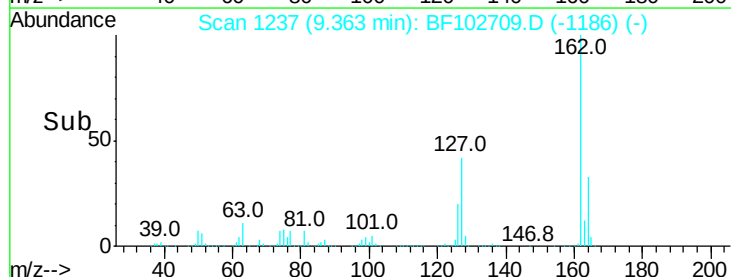
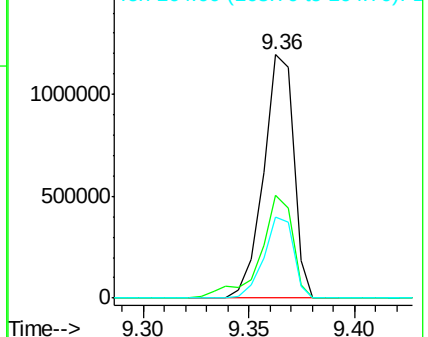
162 100

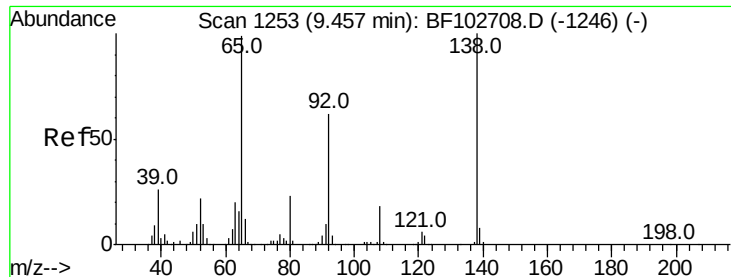
127 42.3 33.9 50.9

164 33.2 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.242 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

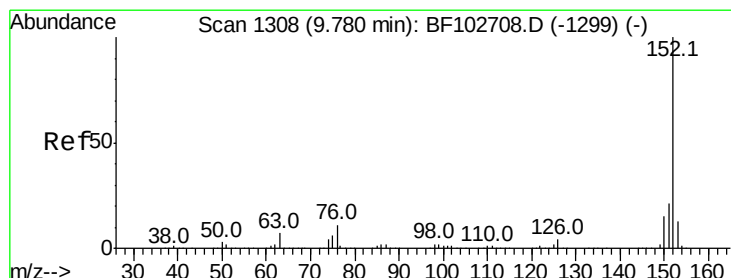
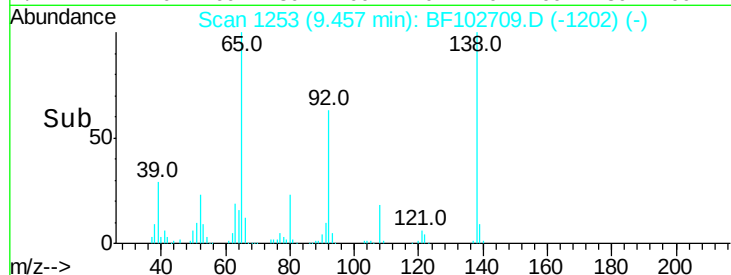
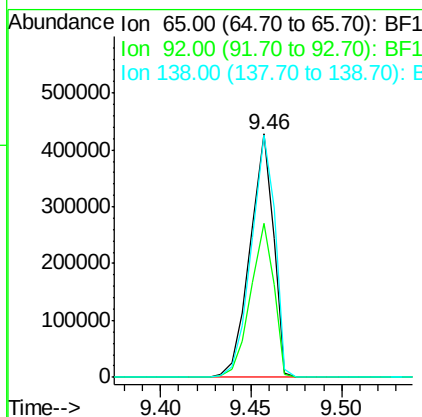
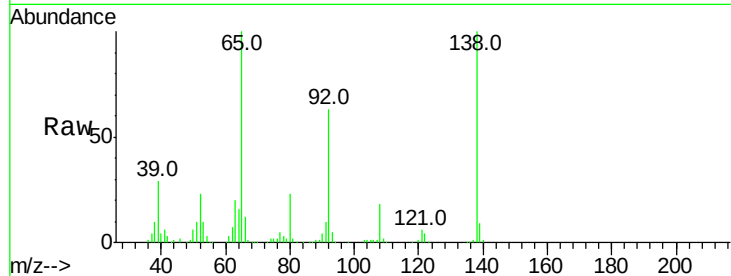
ClientSampleId :

SSTDICC050

Tot Ion:	65	Resp:	385473
Ion Ratio	Lower	Upper	
65	100		
92	63.1	55.8	83.6
138	99.6	91.2	136.8

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#48

Acenaphthylene

Concen: 45.300 ng

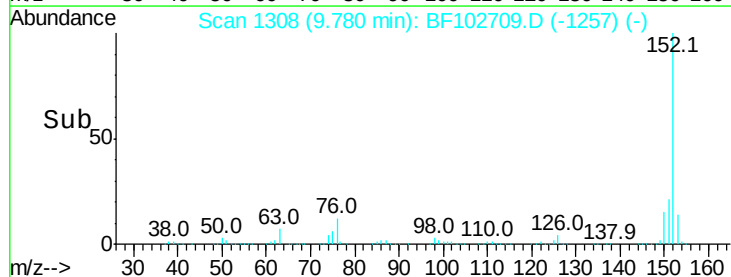
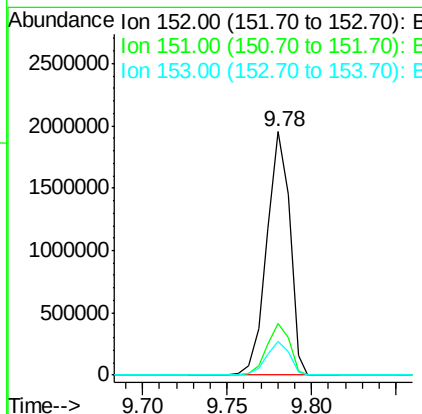
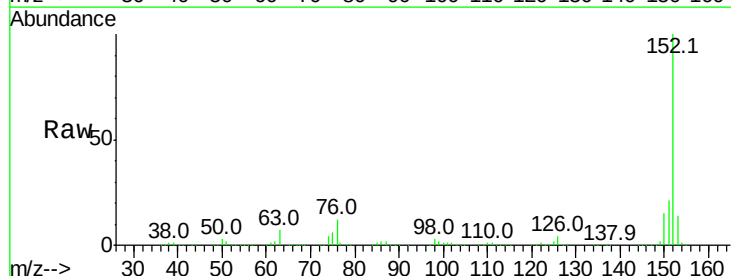
RT: 9.78 min Scan# 1308

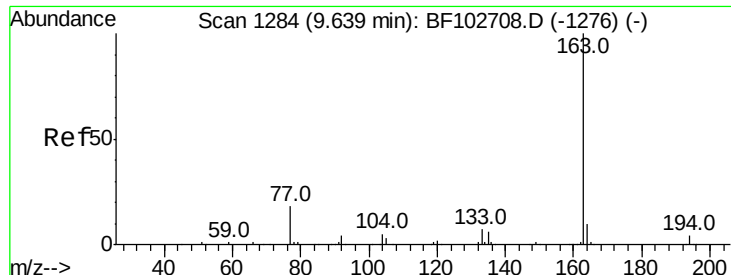
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	152	Resp:	1841334
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.3	24.5
153	13.8	10.7	16.1





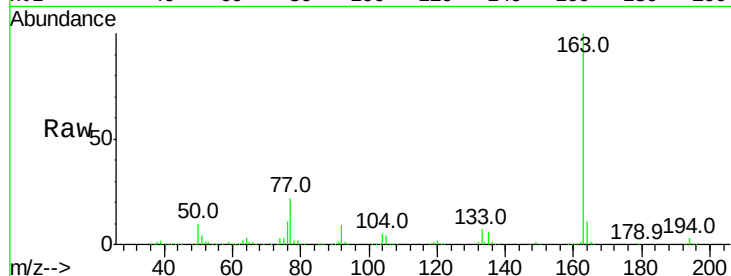
#49
Dimethylphthalate
Concen: 47.545 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

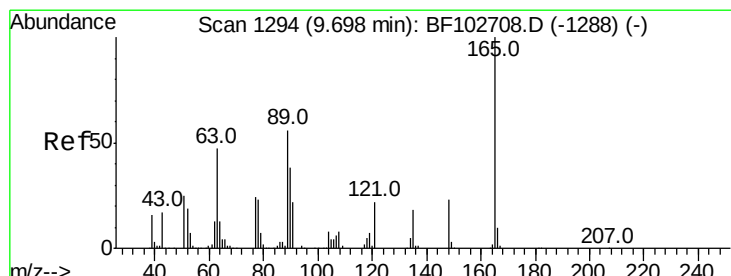
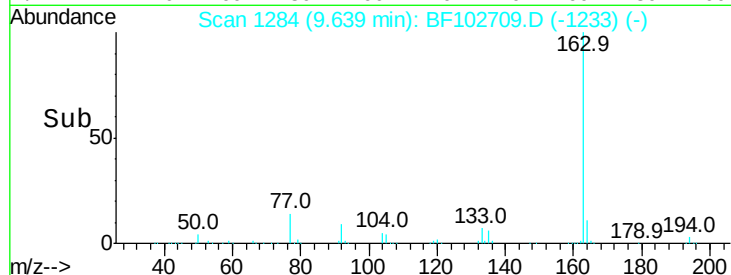
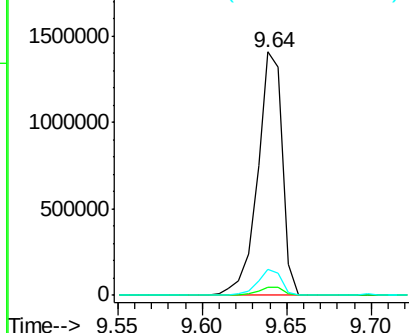
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



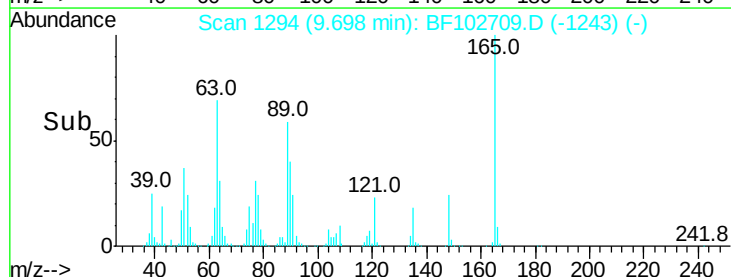
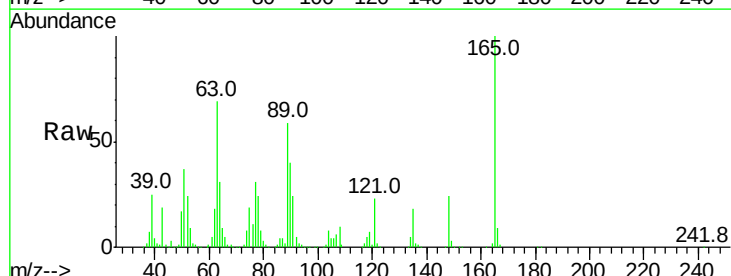
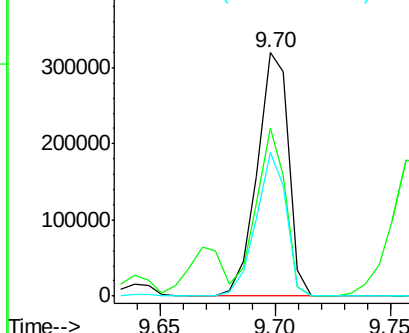
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

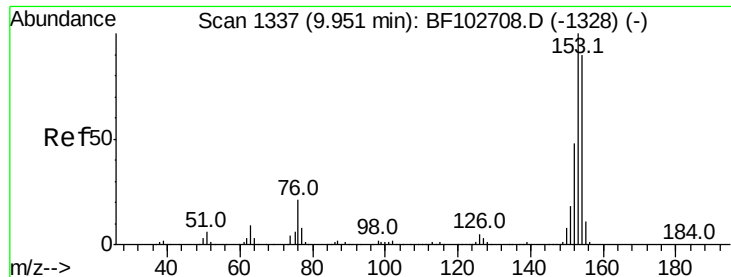


#50
2,6-Dinitrotoluene
Concen: 50.809 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.8	44.7	67.1#
89	59.0	44.0	66.0

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





#51

Acenaphthene

Concen: 44.543 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1098944

Ion Ratio Lower Upper

154 100

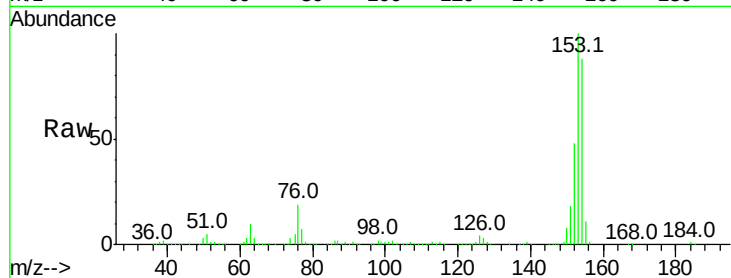
153 113.0 91.2 136.8

152 54.6 43.8 65.8

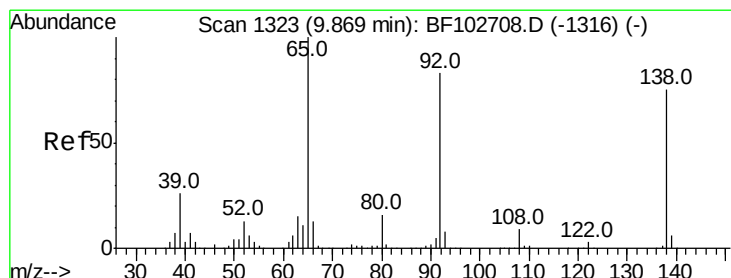
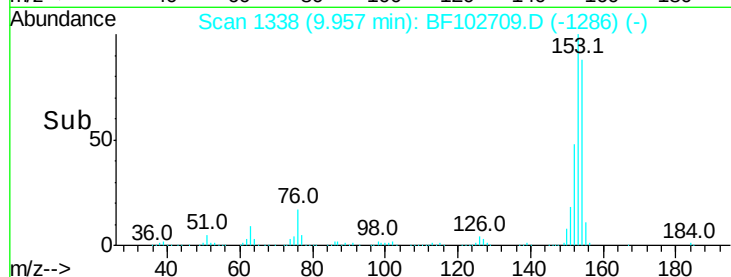
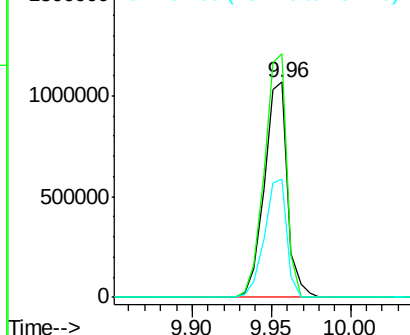
Manual Integrations
APPROVED

Sohil

2/5/2018 11:05:04 AM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 49.592 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

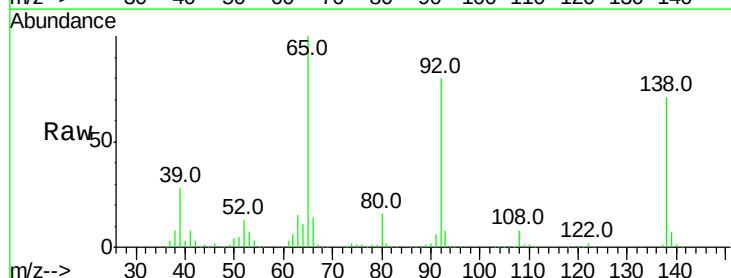
Tgt Ion:138 Resp: 374772

Ion Ratio Lower Upper

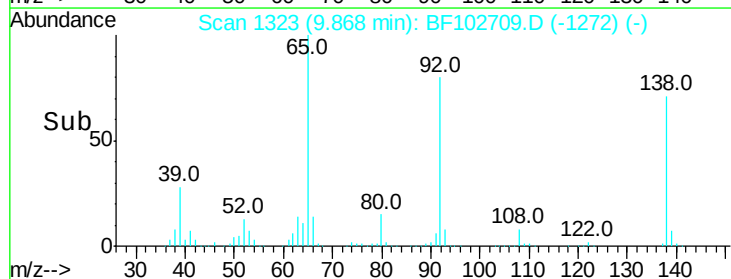
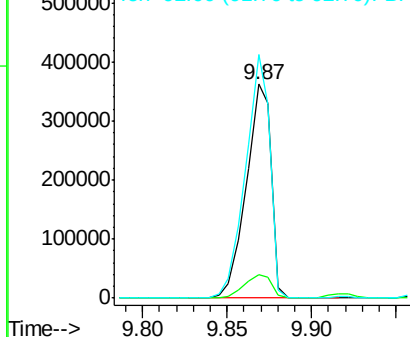
138 100

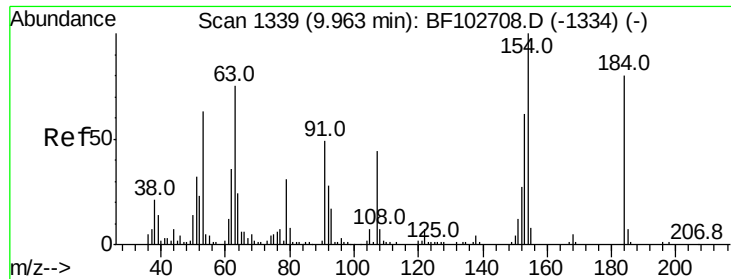
108 10.9 9.4 14.0

92 114.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





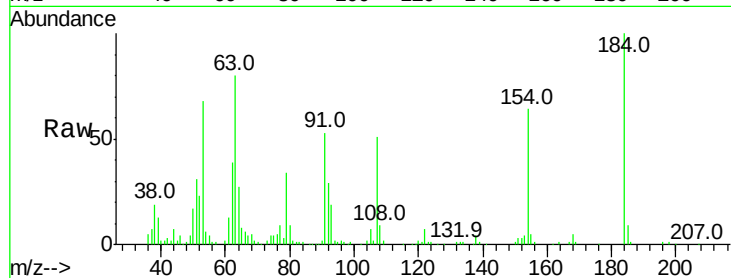
#53
 2,4-Dinitrophenol
 Concen: 36.963 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

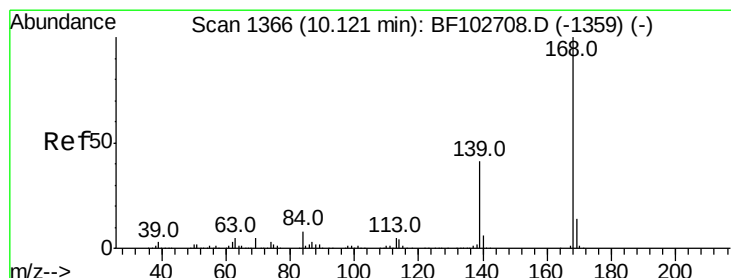
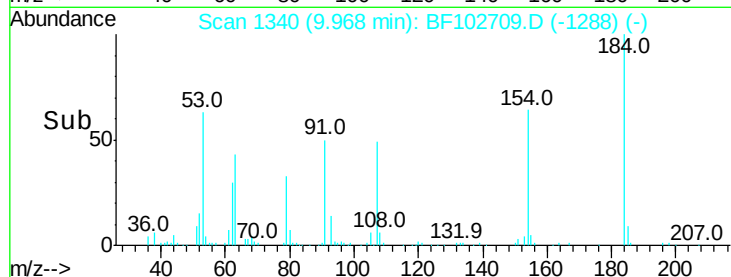
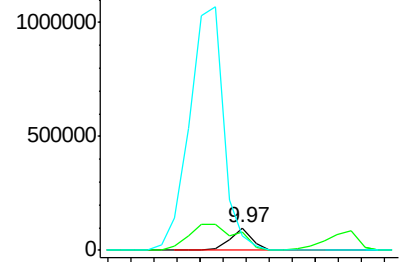
Tot Ion:184 Resp: 67442
 Ion Ratio Lower Upper
 184 100
 63 79.5 54.2 81.2
 154 64.0 184.0 276.0#

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:04 AM

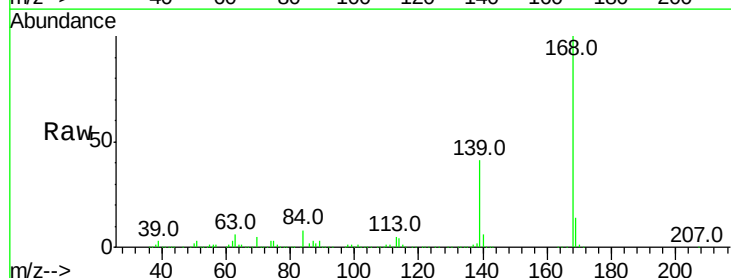


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

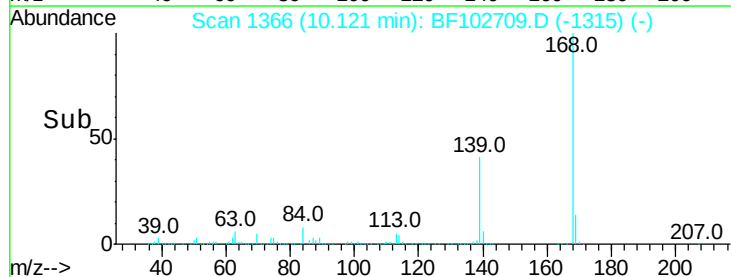
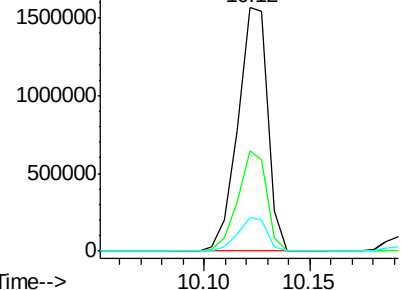


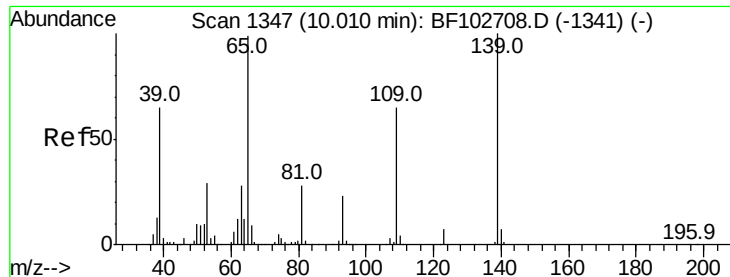
#54
 Dibenzofuran
 Concen: 45.717 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:168 Resp: 1547976
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.1 45.1
 169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





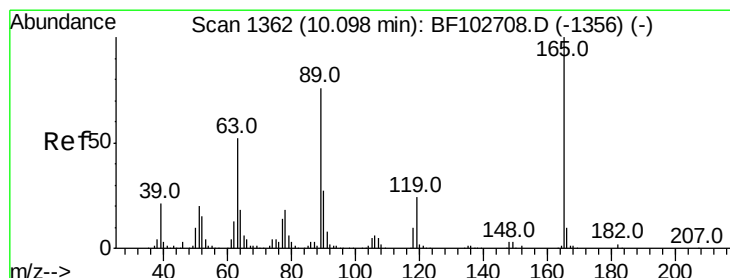
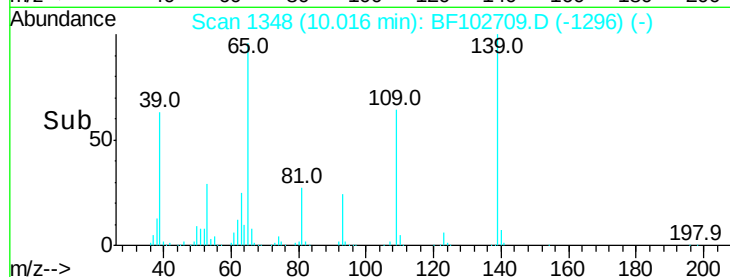
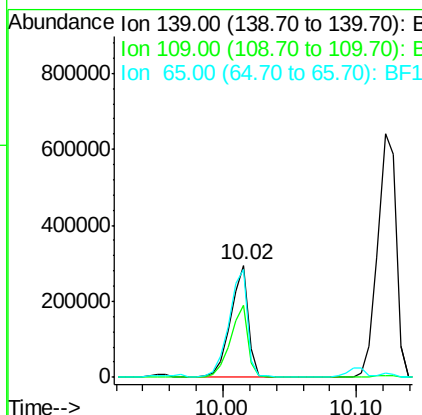
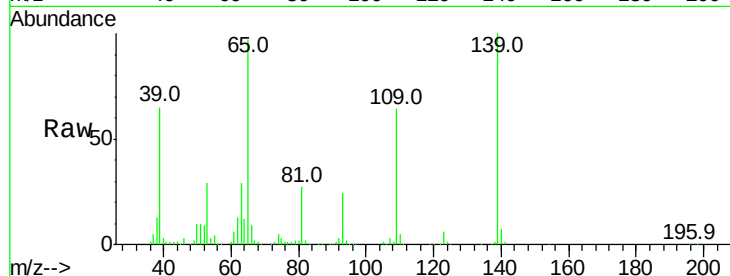
#55
4-Nitrophenol
Concen: 49.406 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.2	48.4	88.4
65	96.6	72.6	112.6

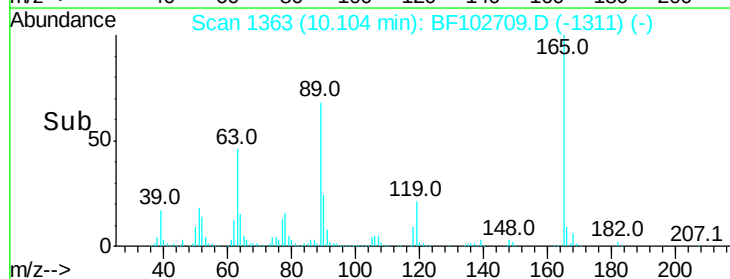
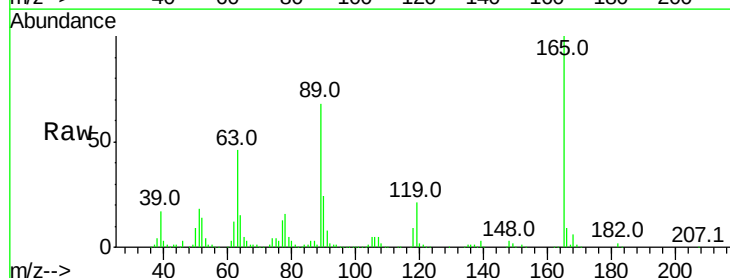
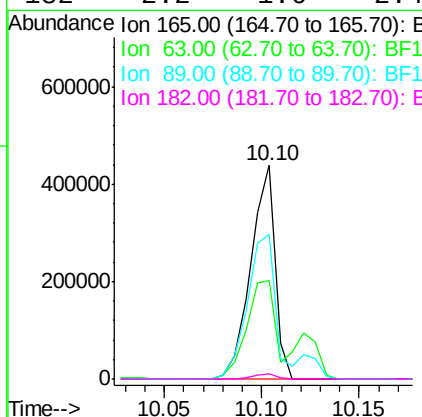
Manual Integrations
APPROVED

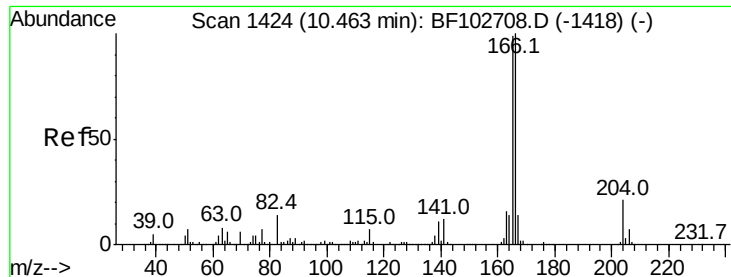
Sohil
2/5/2018 11:05:04 AM



#56
2,4-Dinitrotoluene
Concen: 50.719 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	36.4	54.6
89	68.0	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 48.626 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:166 Resp: 1138175

Ion Ratio Lower Upper

166 100

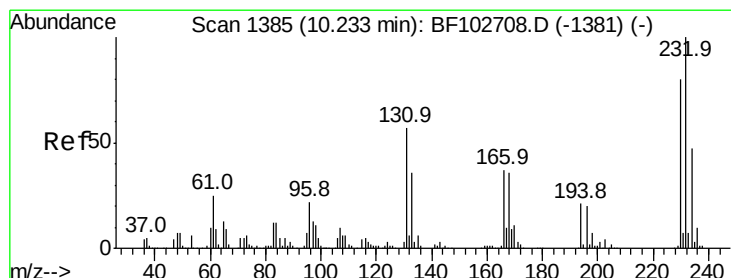
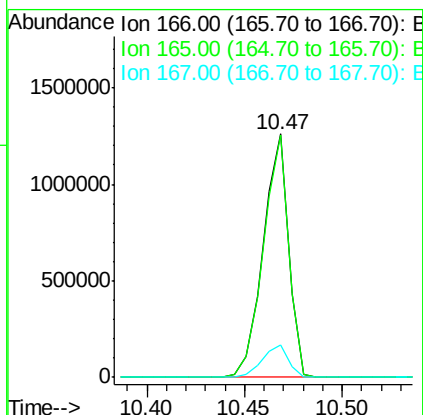
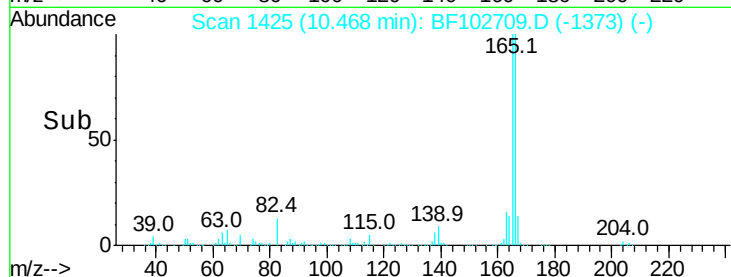
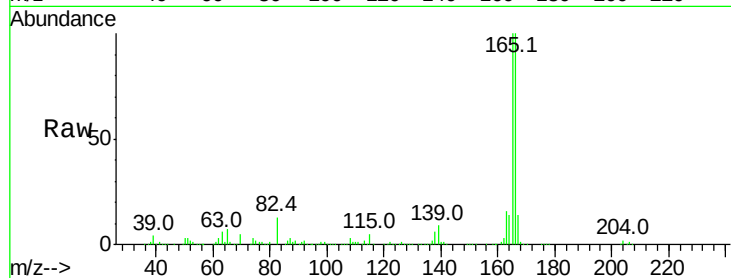
165 99.6 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
APPROVED

Sohil

2/5/2018 11:05:04 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.635 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:232 Resp: 279235

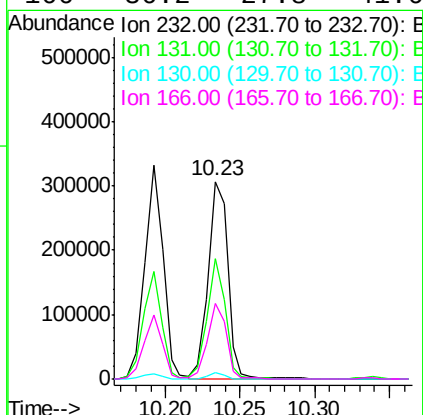
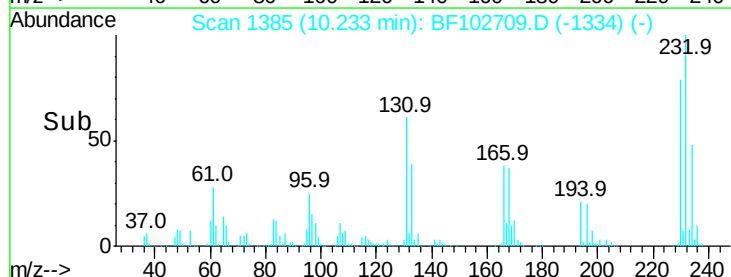
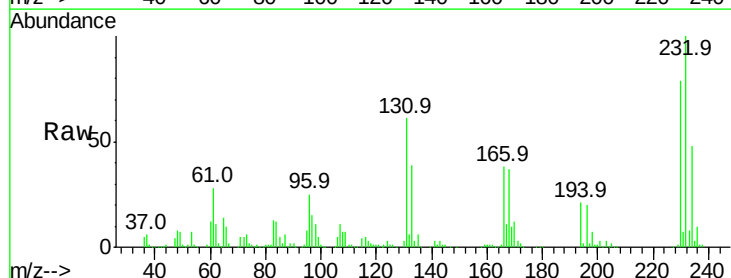
Ion Ratio Lower Upper

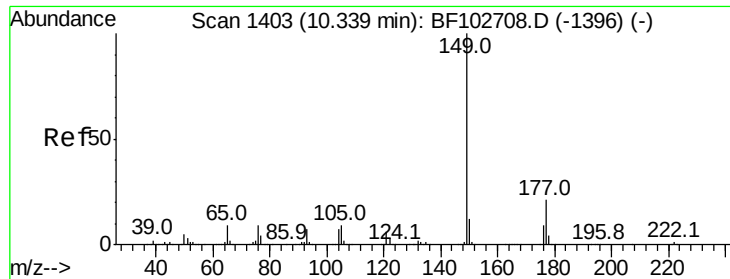
232 100

131 56.4 43.8 65.8

130 2.6 2.1 3.1

166 36.2 27.8 41.6





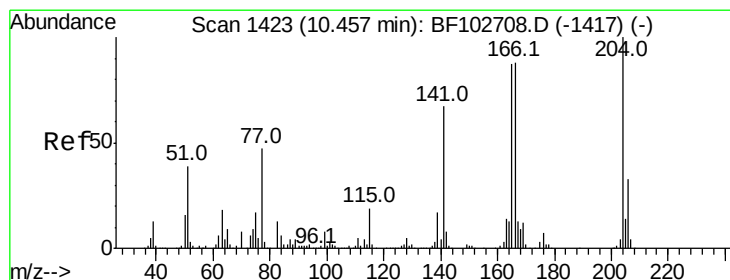
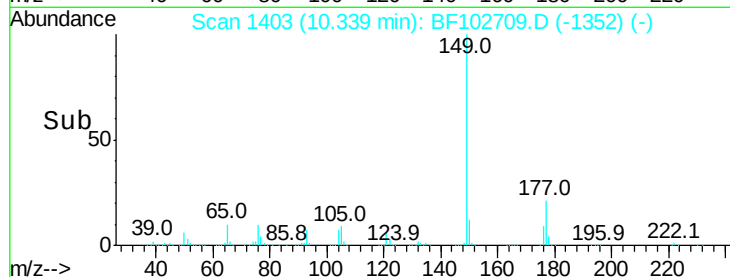
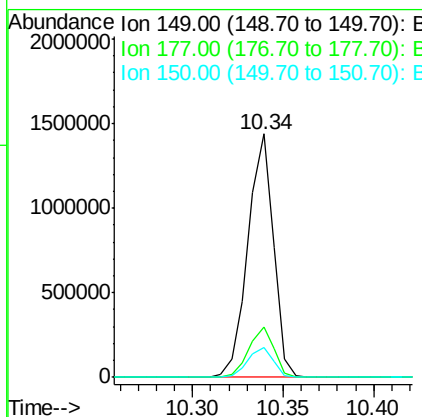
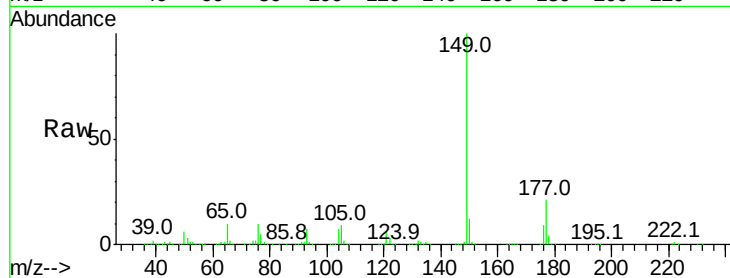
#59
 Diethylphthalate
 Concen: 47.331 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	149	Resp:	1411357
Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.4	10.1	15.1

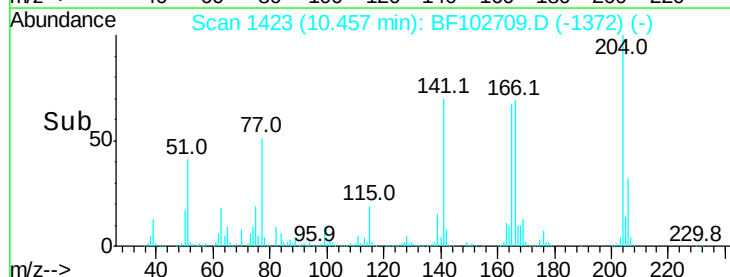
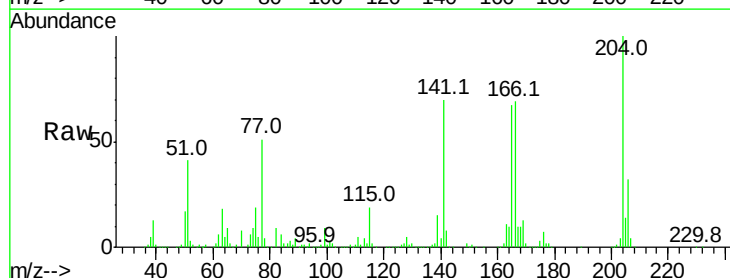
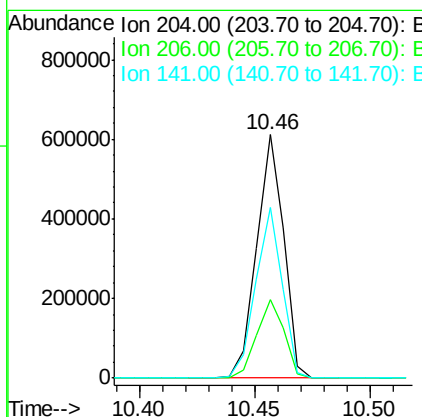
Manual Integrations
 APPROVED

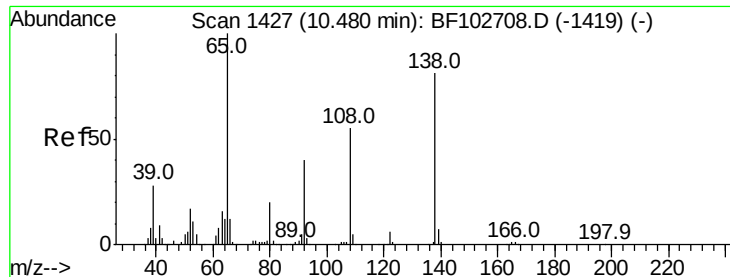
Sohil
 2/5/2018 11:05:04 AM



#60
 4-Chlorophenyl-phenylether
 Concen: 50.214 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:	204	Resp:	500490
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	70.2	54.6	81.8





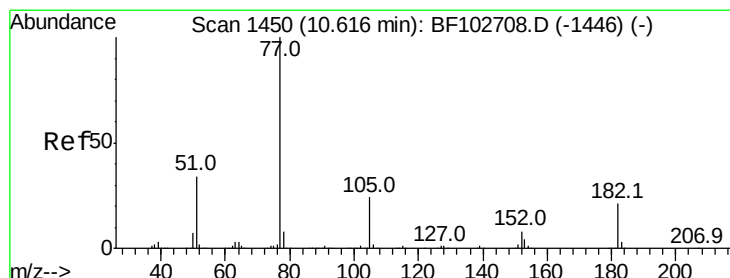
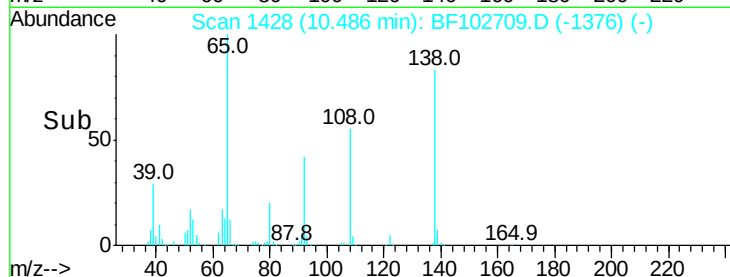
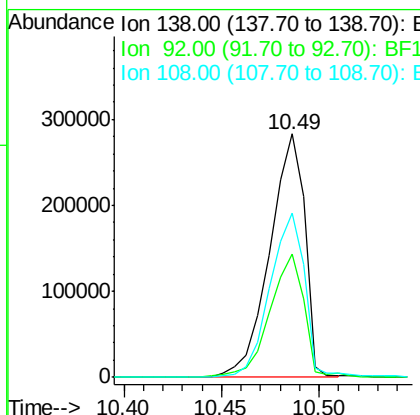
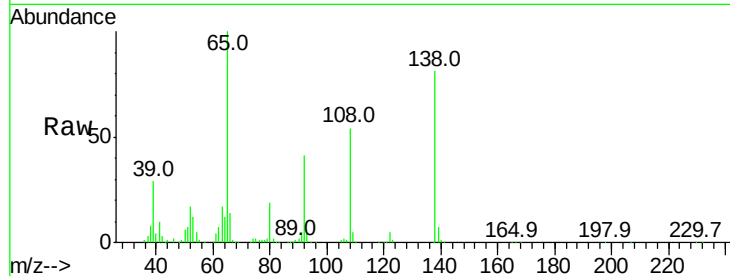
#61
4-Nitroaniline
Concen: 49.036 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	67.4	52.5	92.5

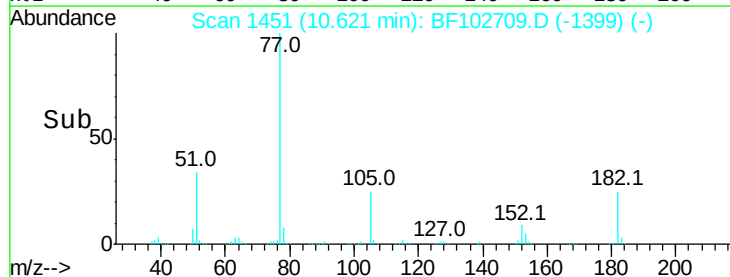
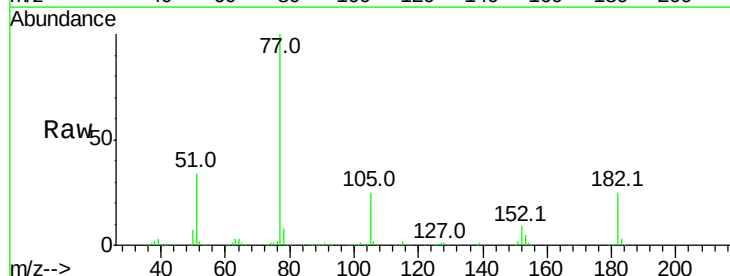
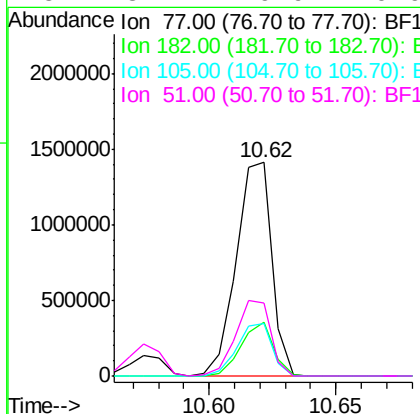
Manual Integrations
APPROVED

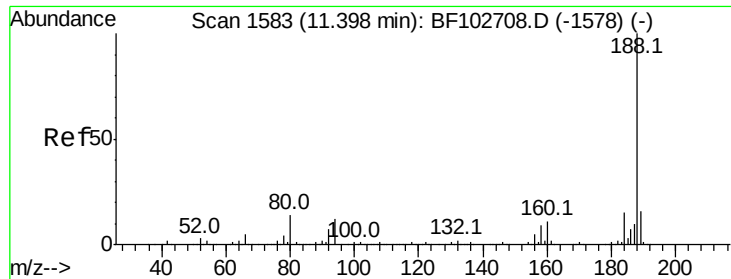
Sohil
2/5/2018 11:05:04 AM



#62
Azobenzene
Concen: 46.412 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	24.9	3.0	43.0
51	34.1	9.9	49.9





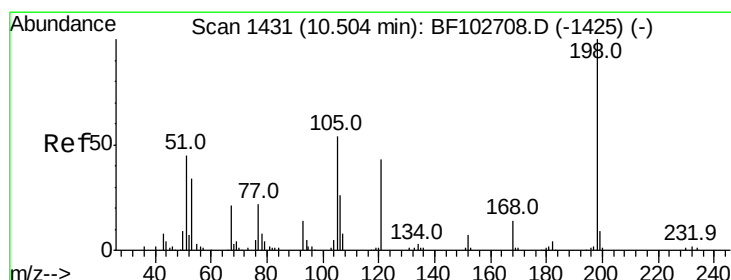
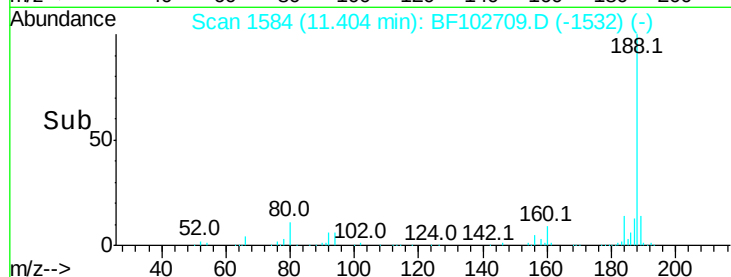
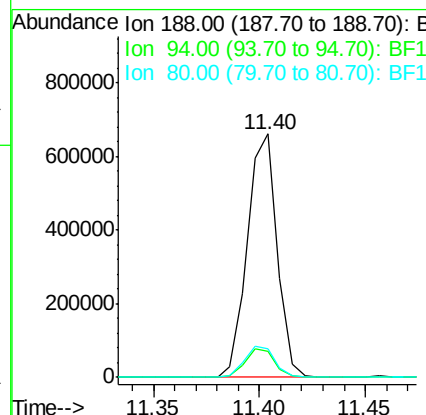
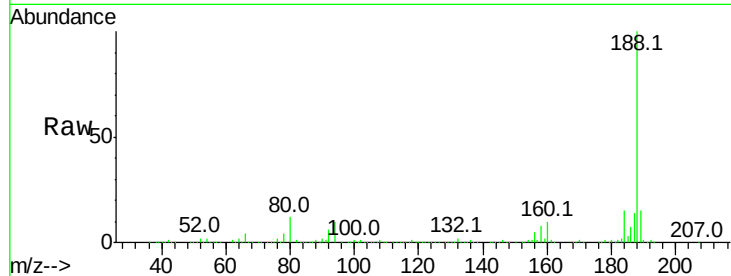
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
188	100	645203		
94	10.5		8.5	12.7
80	11.8		9.2	13.8

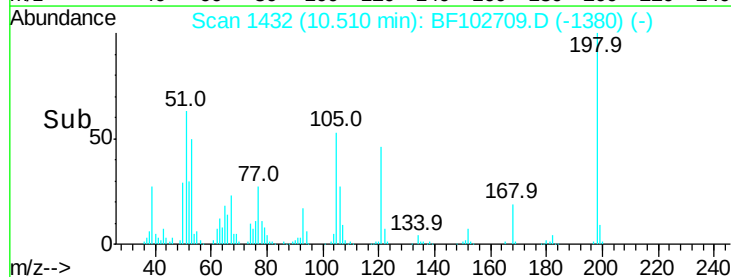
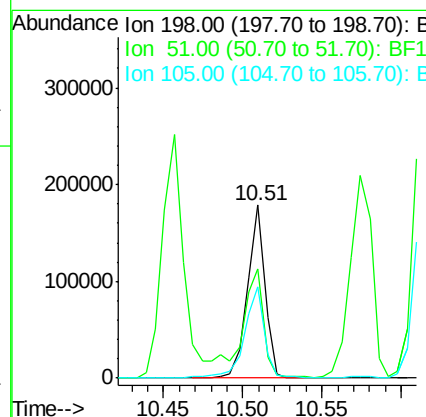
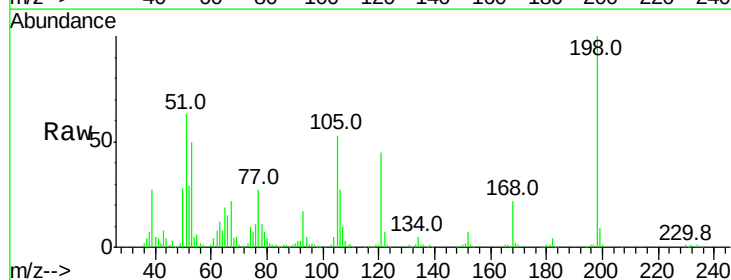
Manual Integrations
APPROVED

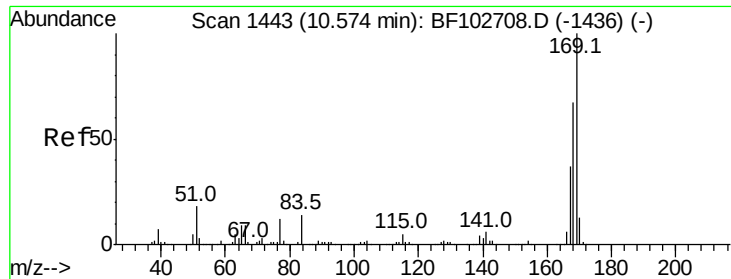
Sohil
2/5/2018 11:05:04 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.207 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	137073		
51	63.1		37.7	77.7
105	52.5		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 45.237 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1092928

Ion Ratio Lower Upper

169 100

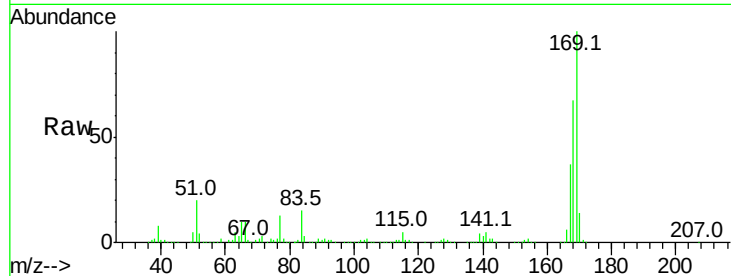
168 67.0 54.4 81.6

167 36.6 29.8 44.6

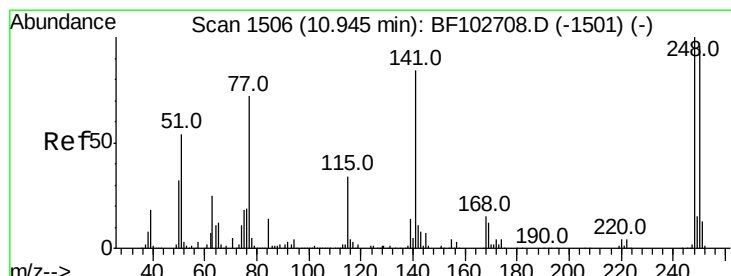
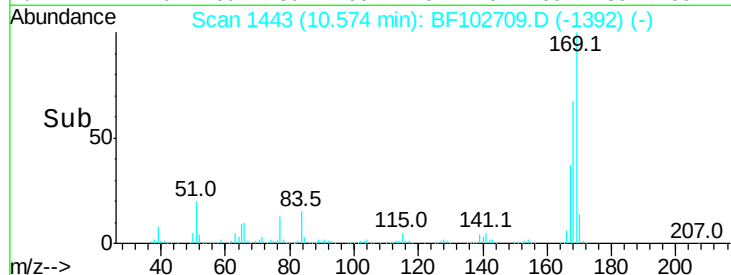
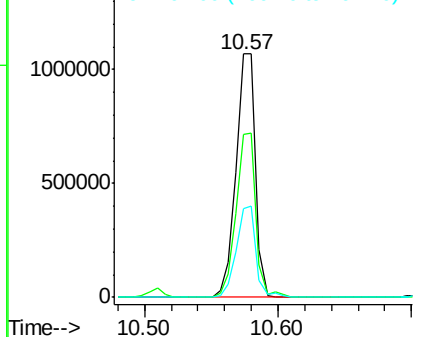
Manual Integrations
APPROVED

Sohil

2/5/2018 11:05:04 AM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.956 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:248 Resp: 333570

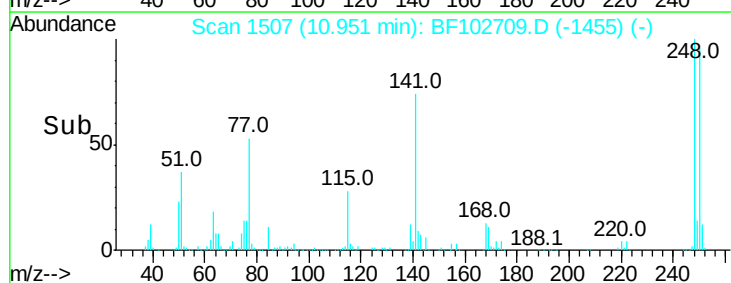
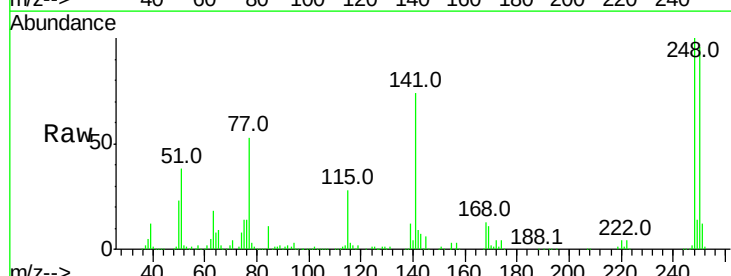
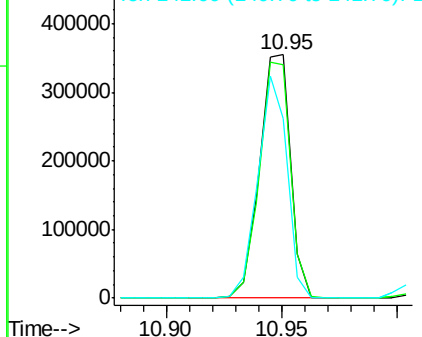
Ion Ratio Lower Upper

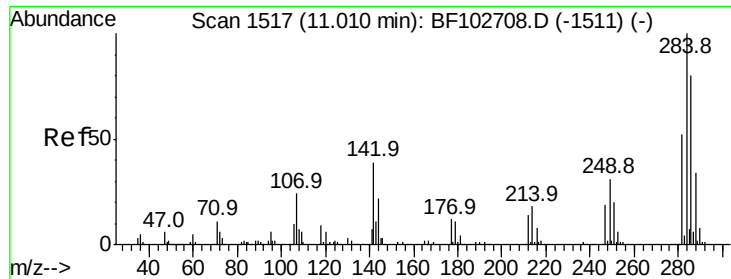
248 100

250 95.7 76.9 115.3

141 73.9 74.4 111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 49.788 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

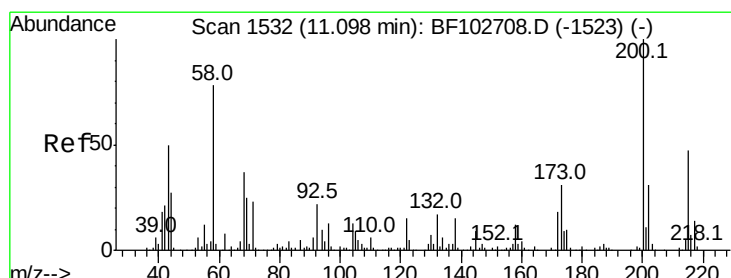
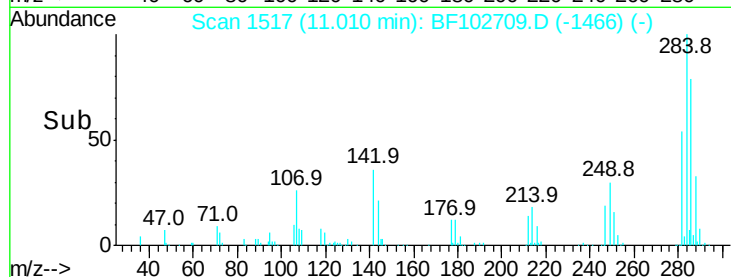
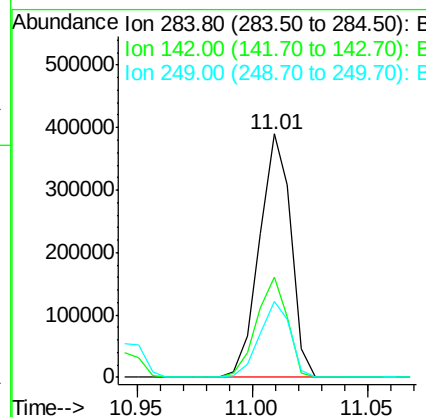
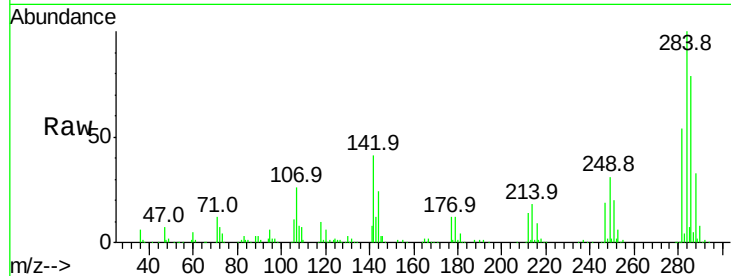
ClientSampleId :

SSTDIC050

Tot Ion:	284	Resp:	370341
Ion Ratio	Lower	Upper	
284	100		
142	41.4	34.6	52.0
249	31.2	24.8	37.2

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#68

Atrazine

Concen: 48.435 ng

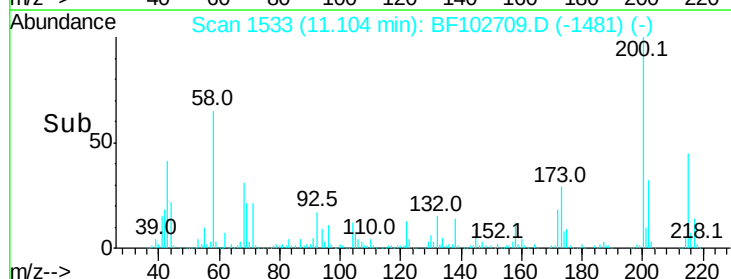
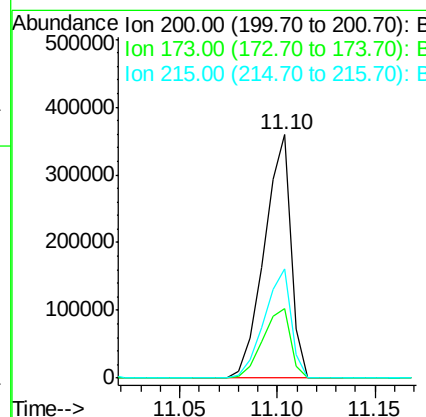
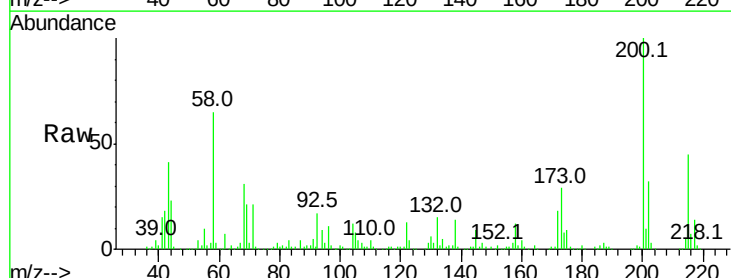
RT: 11.10 min Scan# 1533

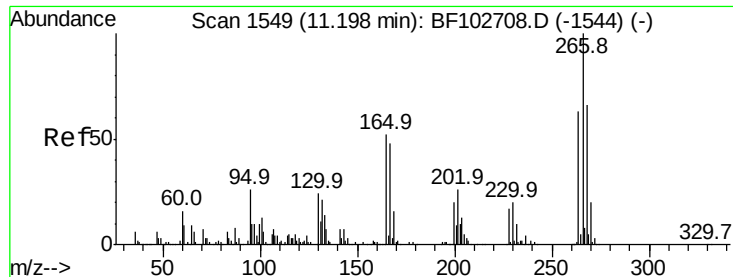
Delta R.T. 0.01 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	200	Resp:	338185
Ion Ratio	Lower	Upper	
200	100		
173	28.6	8.6	48.6
215	45.1	25.1	65.1





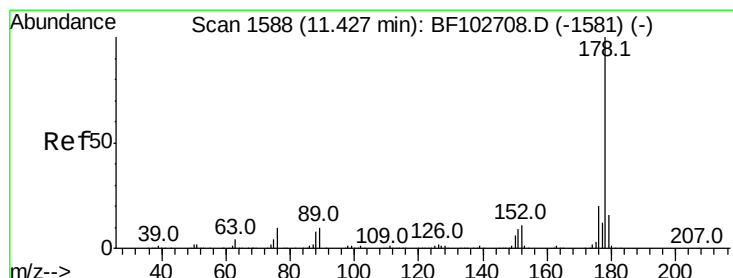
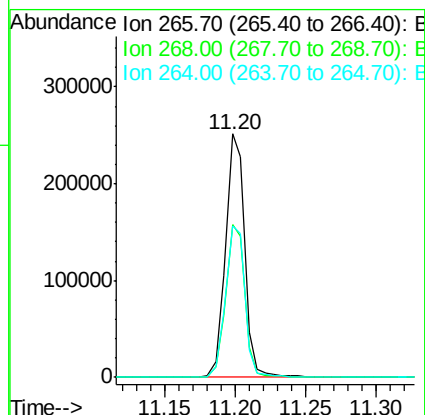
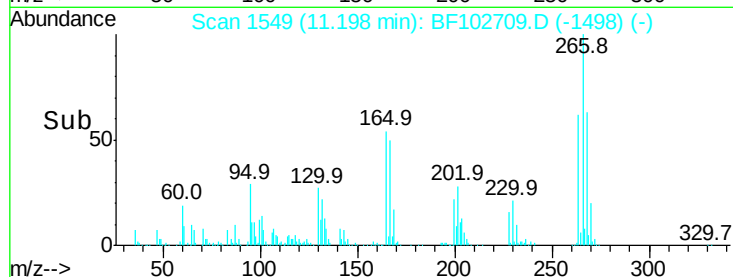
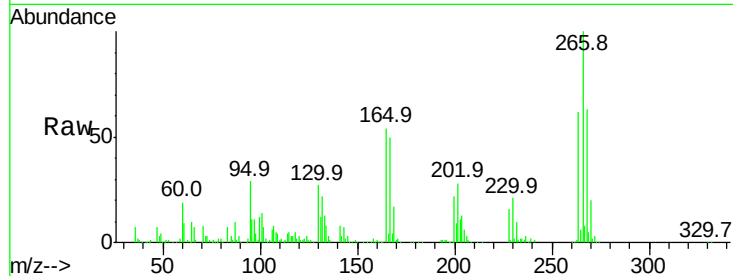
#69
 Pentachlorophenol
 Concen: 52.443 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	237874		
268	62.8	51.1	76.7	
264	62.2	49.5	74.3	

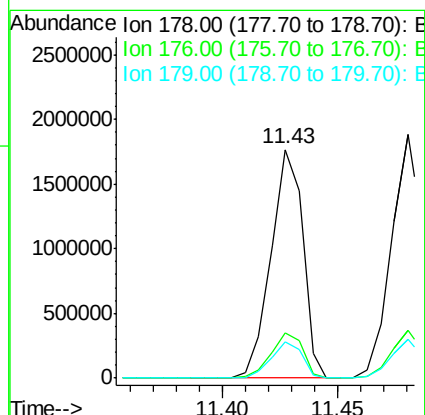
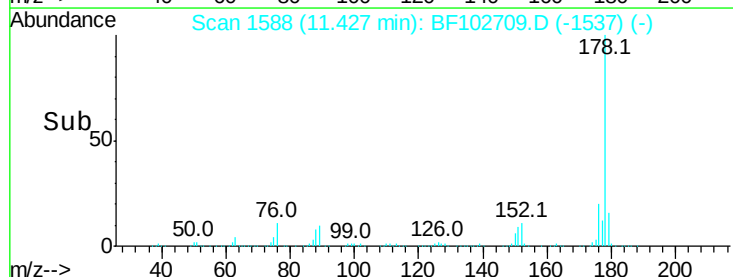
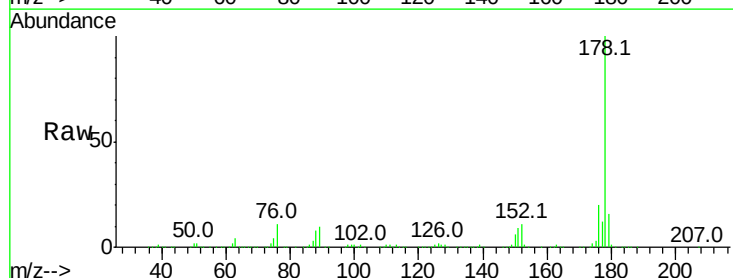
Manual Integrations
 APPROVED

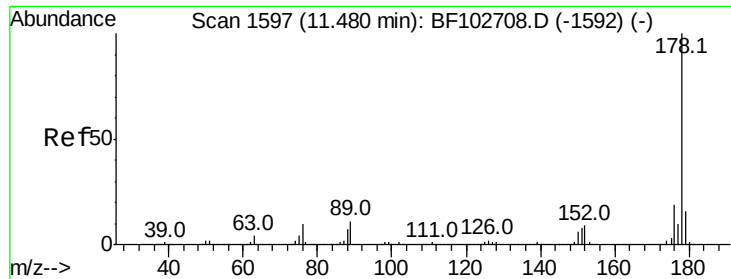
Sohil
 2/5/2018 11:05:04 AM



#70
 Phenanthrene
 Concen: 44.991 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1695654		
176	19.9	15.8	23.8	
179	15.8	13.0	19.6	





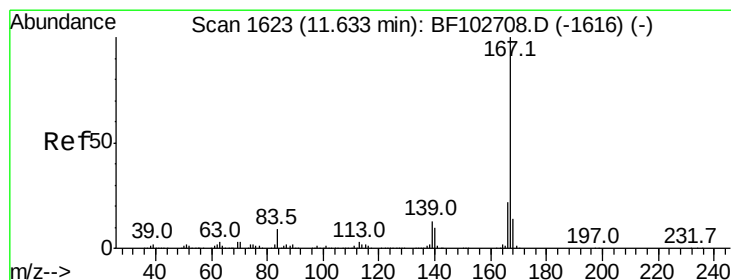
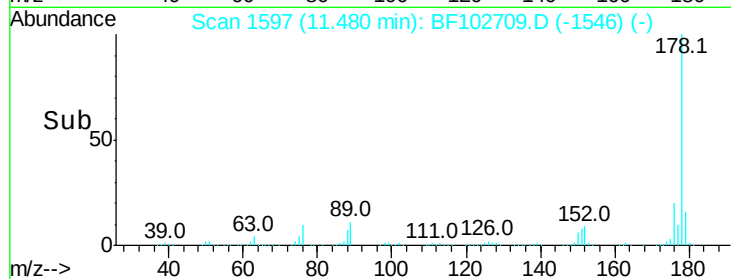
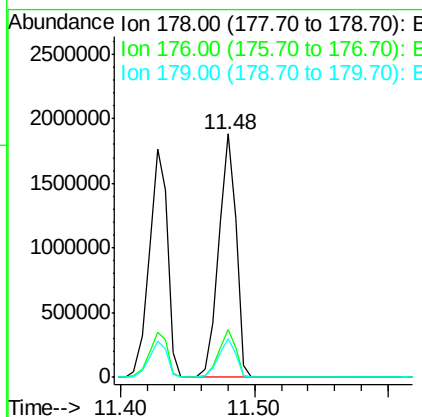
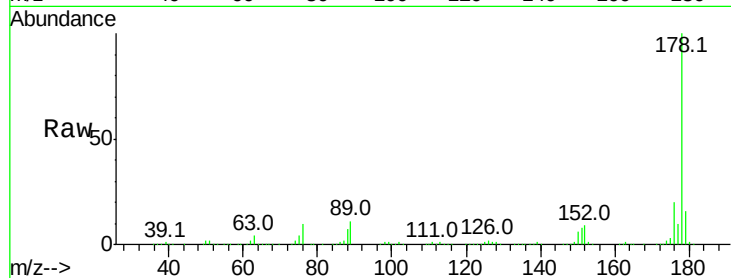
#71
 Anthracene
 Concen: 45.465 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:178 Resp: 1737799
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0

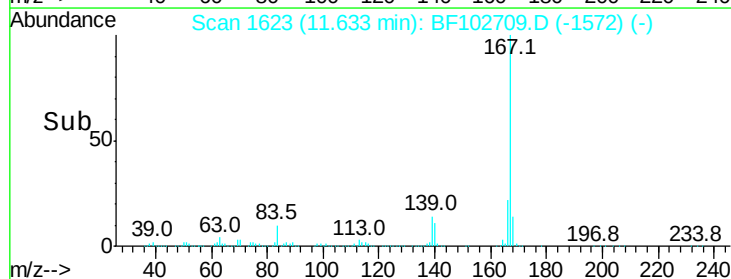
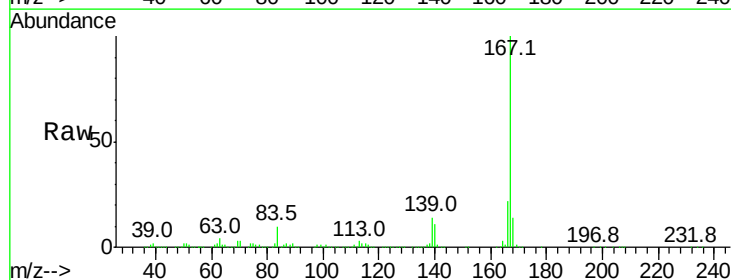
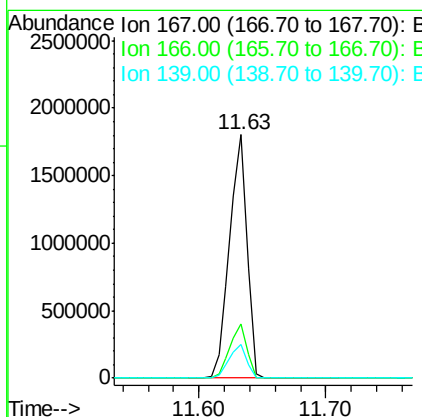
Manual Integrations
 APPROVED

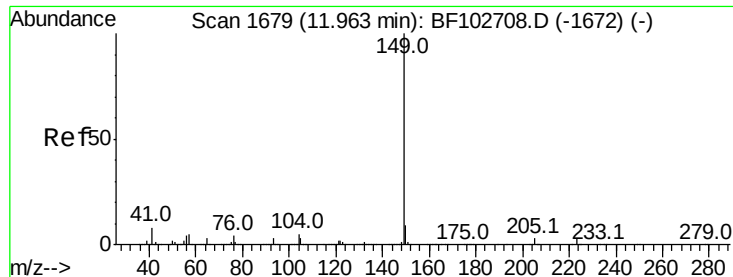
Sohil
 2/5/2018 11:05:04 AM



#72
 Carbazole
 Concen: 45.797 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:167 Resp: 1720583
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.911 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

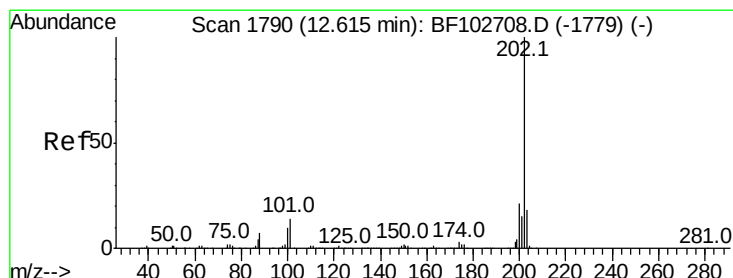
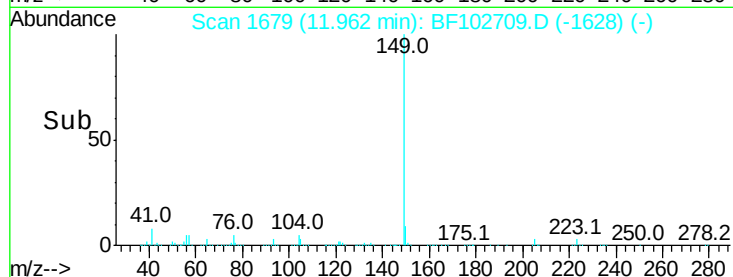
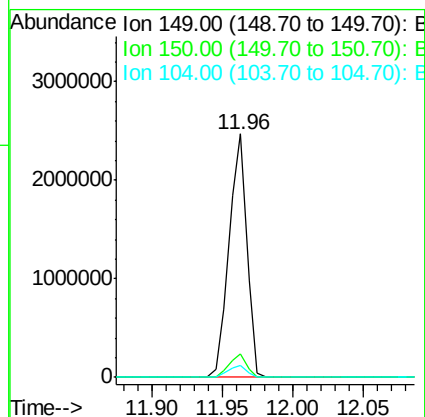
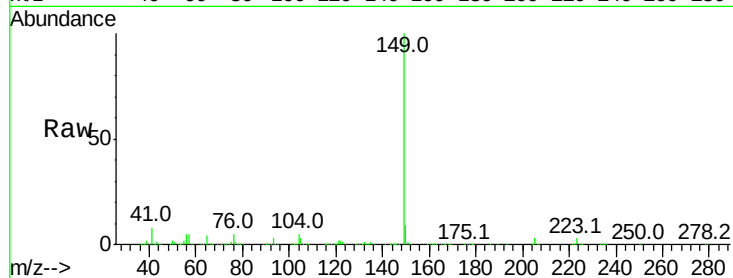
ClientSampleId :

SSTDIC050

Tot Ion:	149	Resp:	2162263
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#74

Fluoranthene

Concen: 46.345 ng

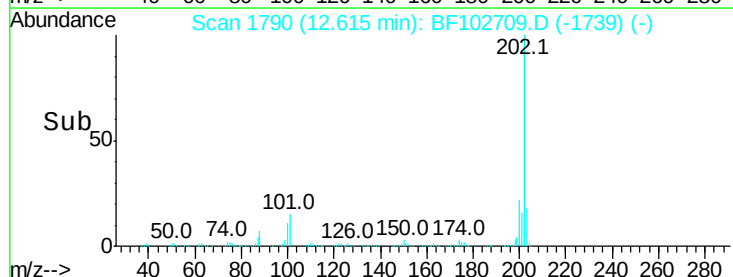
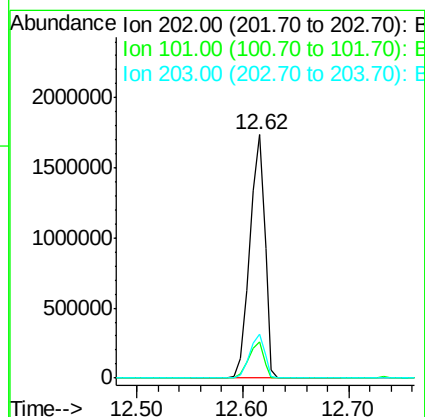
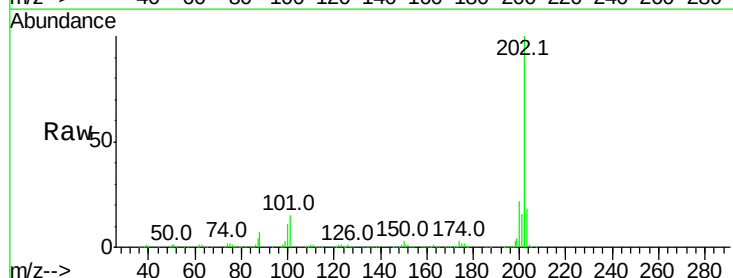
RT: 12.62 min Scan# 1790

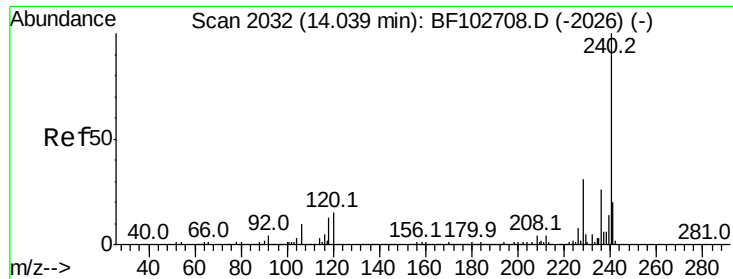
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	202	Resp:	1718473
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

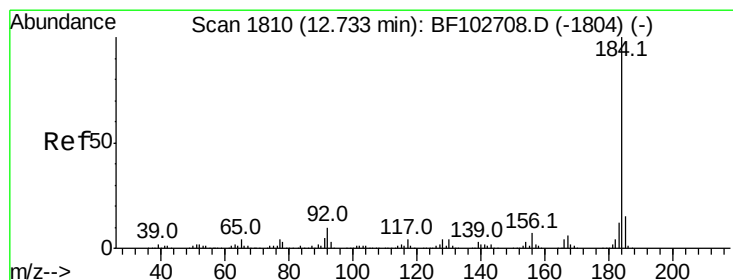
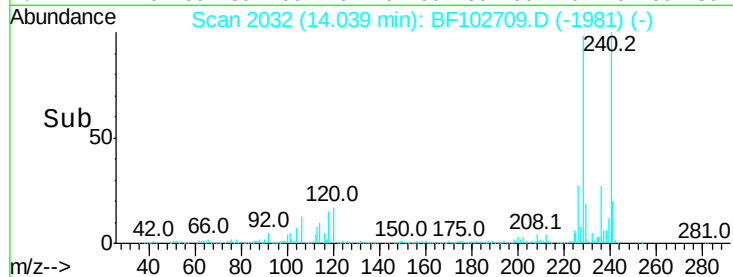
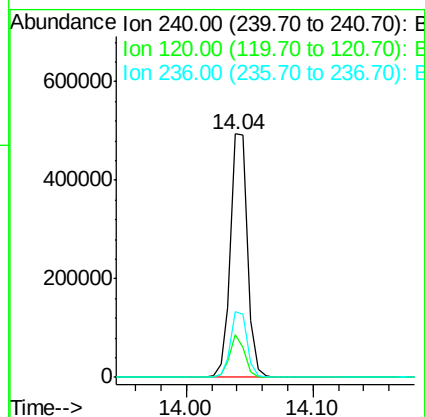
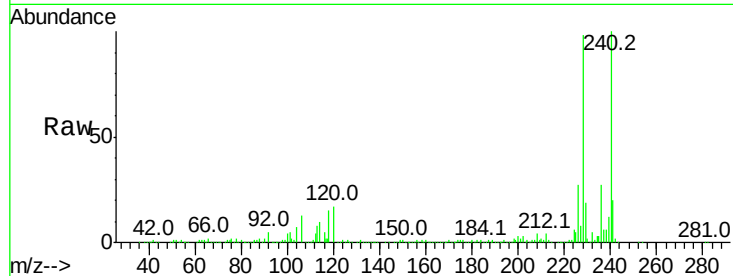
ClientSampleId :

SSTDIC050

Tot Ion:	240	Resp:	459146
Ion Ratio	Lower	Upper	
240	100		
120	17.3	9.5	14.3#
236	27.2	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#76

Benzidine

Concen: 49.869 ng

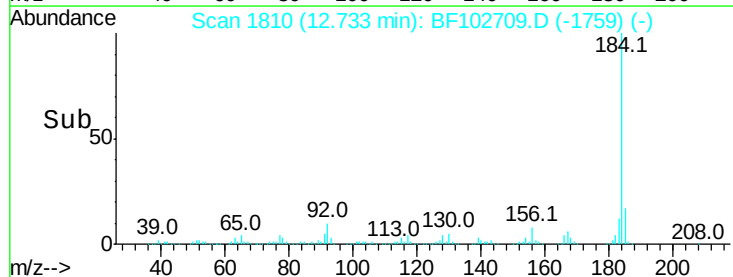
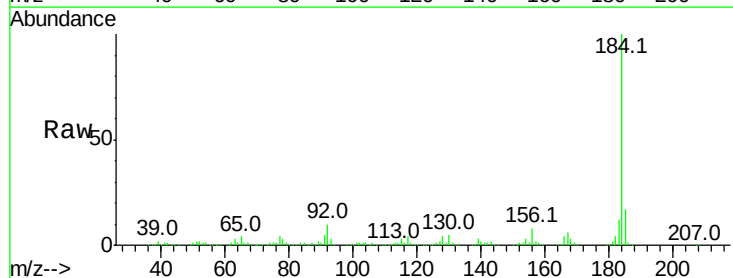
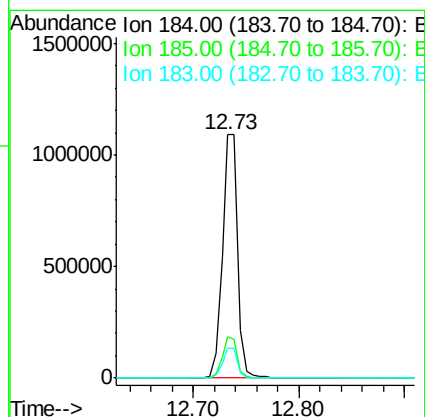
RT: 12.73 min Scan# 1810

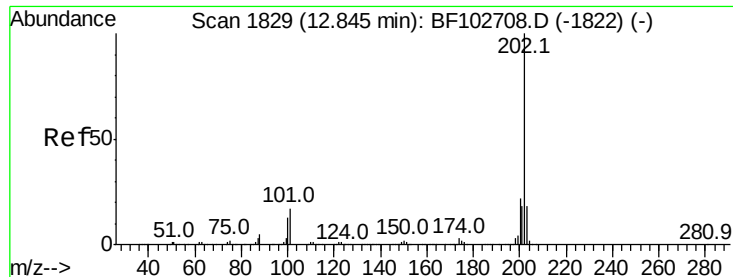
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	184	Resp:	1105684
Ion Ratio	Lower	Upper	
184	100		
185	16.8	12.6	18.8
183	12.3	9.3	13.9





#77

Pvrene

Concen: 43.592 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Instrument :

BNA_F

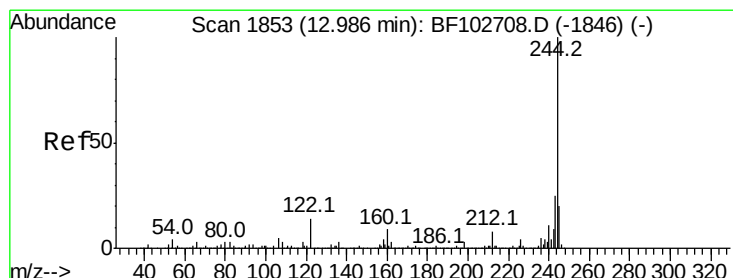
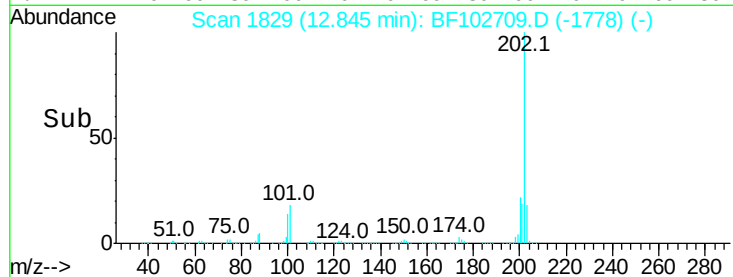
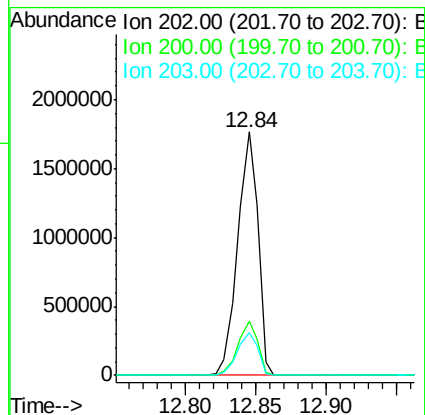
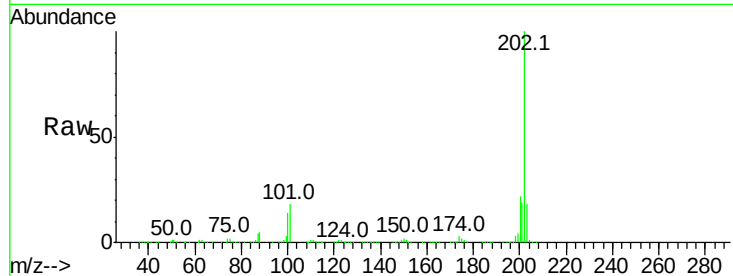
ClientSampleId :

SSTDICC050

Tot Ion:	202	Resp:	1769193
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



#78

Terphenyl-d14

Concen: 82.455 ng

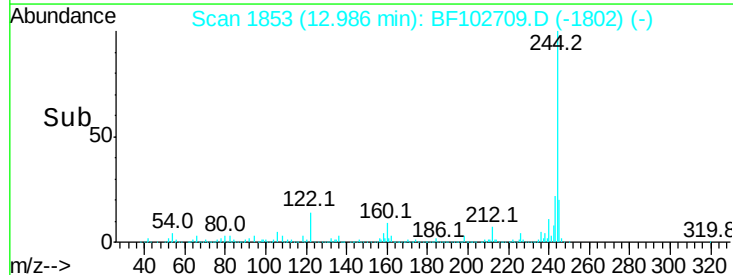
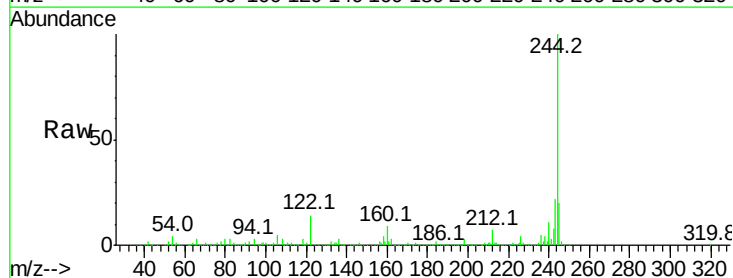
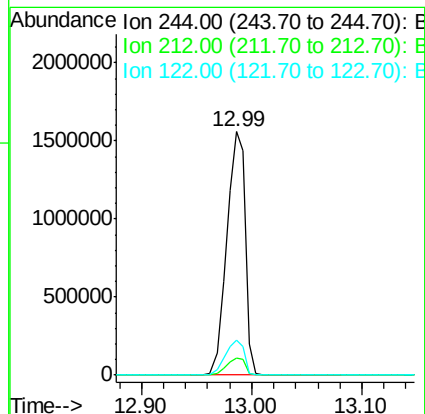
RT: 12.99 min Scan# 1853

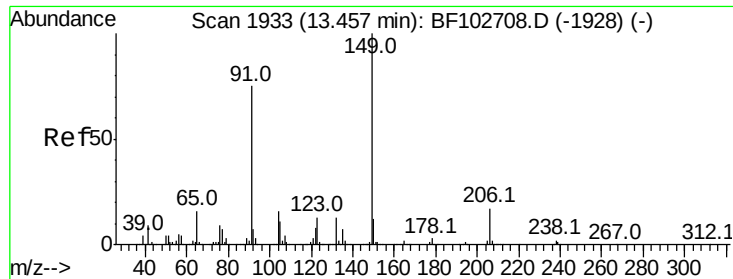
Delta R.T. -0.00 min

Lab File: BF102709.D

Acq: 3 Feb 2018 10:53

Tgt Ion:	244	Resp:	1823424
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.4	11.0	16.4





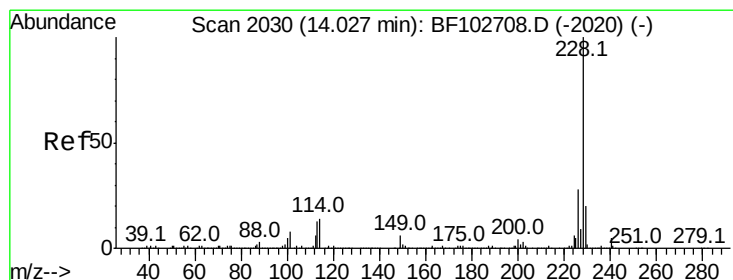
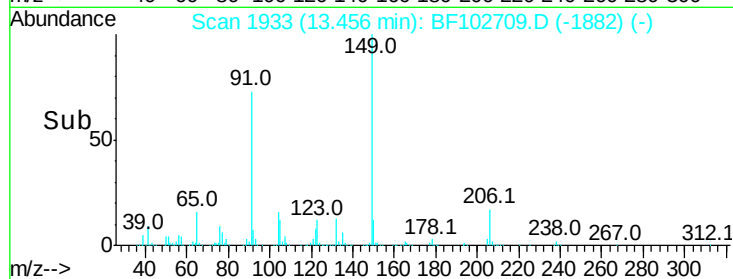
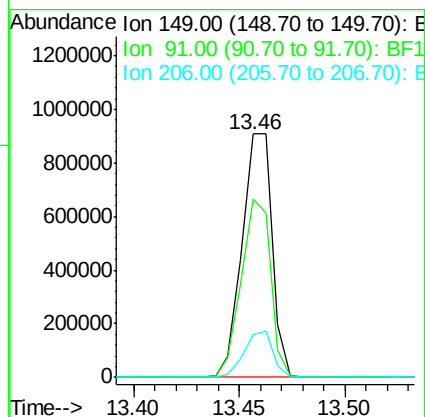
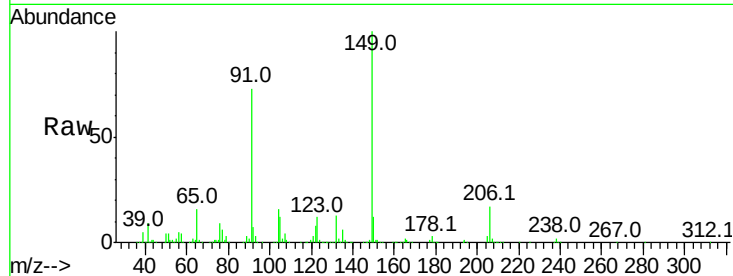
#79
Butylbenzylphthalate
Concen: 48.182 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.3	56.8	85.2
206	17.4	14.1	21.1

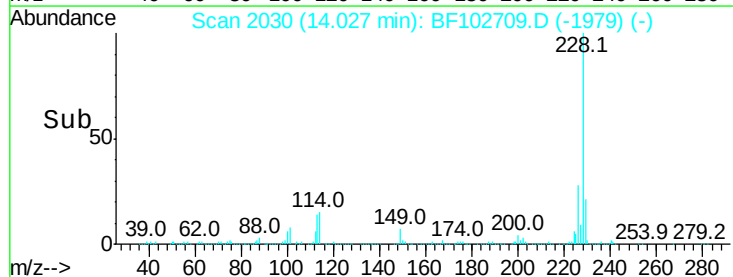
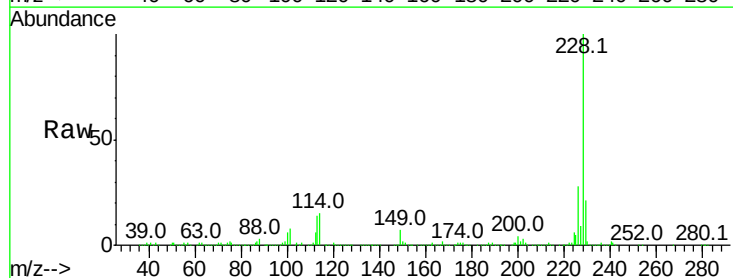
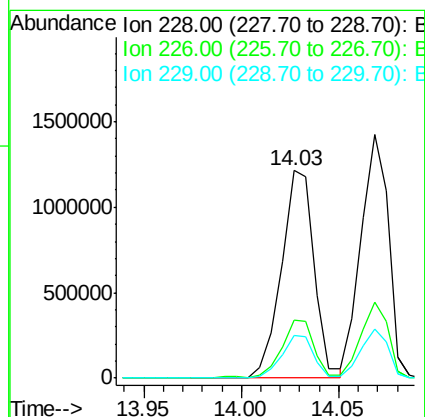
Manual Integrations
APPROVED

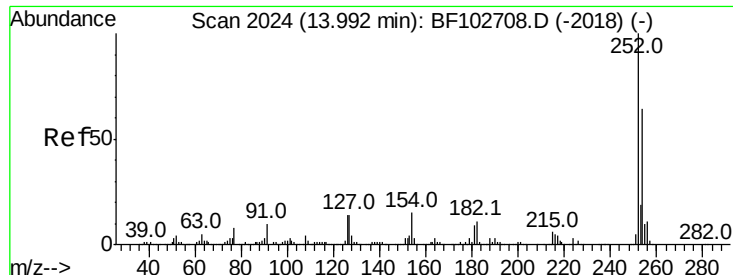
Sohil
2/5/2018 11:05:04 AM



#80
Benzo(a)anthracene
Concen: 48.337 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.7	15.8	23.6





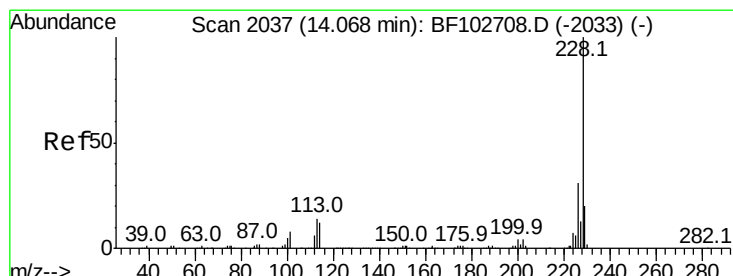
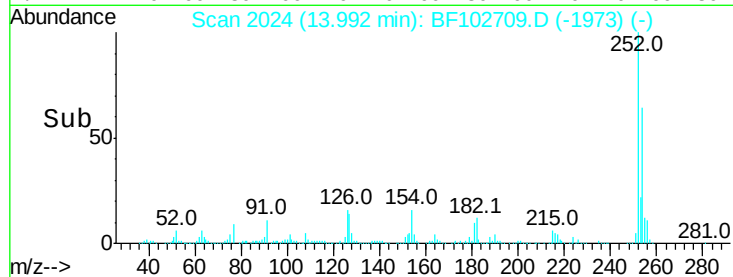
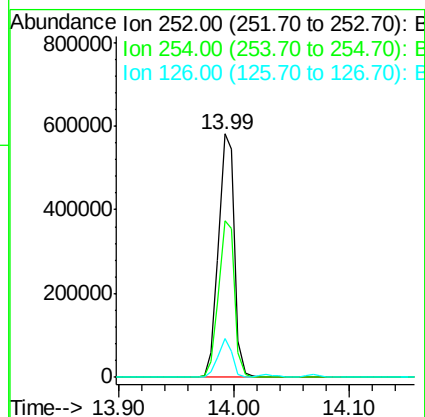
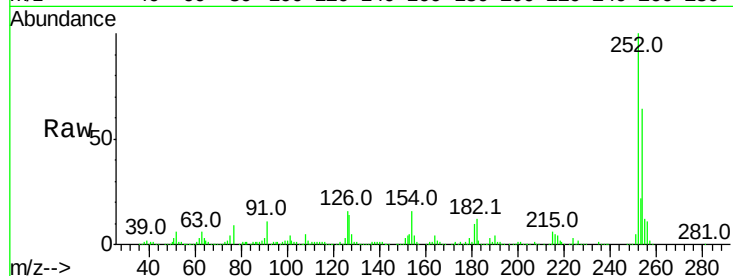
#81
 3,3'-Dichlorobenzidine
 Concen: 51.330 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:	252	Resp:	556767
Ion Ratio		Lower	Upper
252	100		
254	64.5	50.4	75.6
126	15.9	11.3	16.9

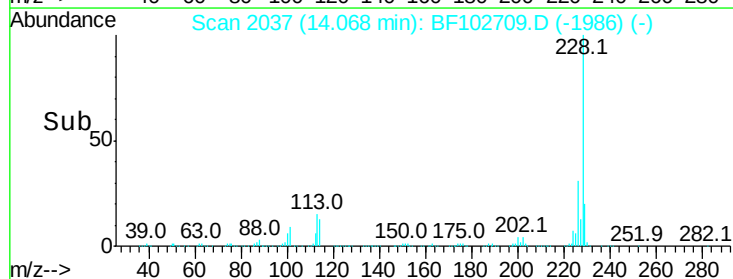
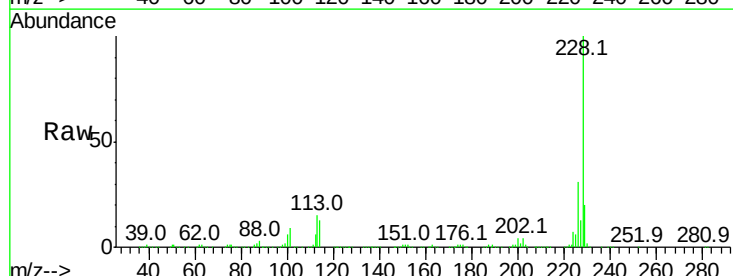
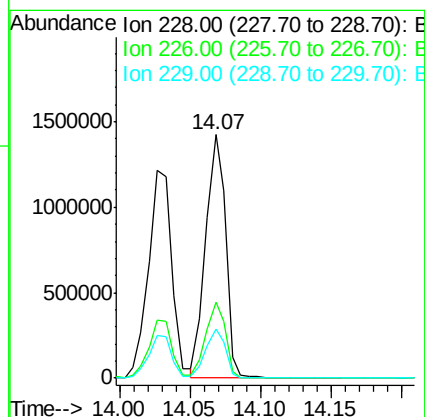
Manual Integrations
 APPROVED

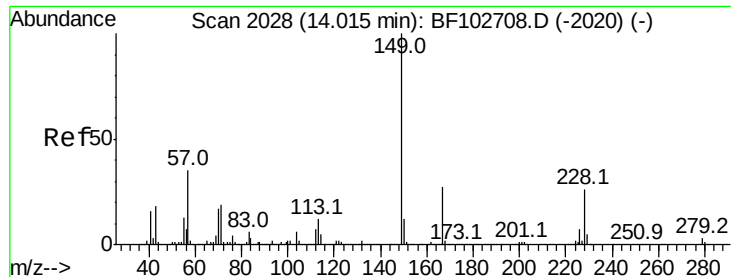
Sohil
 2/5/2018 11:05:04 AM



#82
 Chrysene
 Concen: 45.920 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion:	228	Resp:	1402705
Ion Ratio		Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.2	16.2	24.4





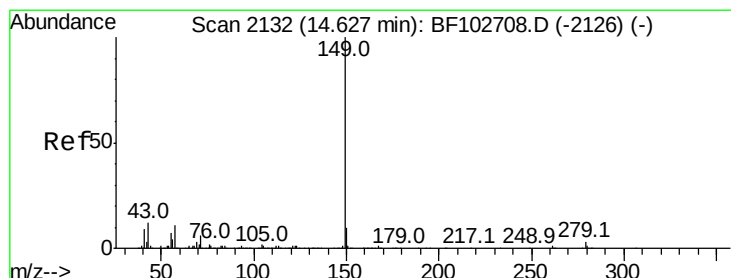
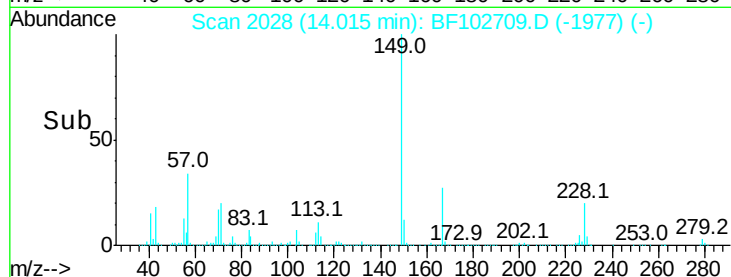
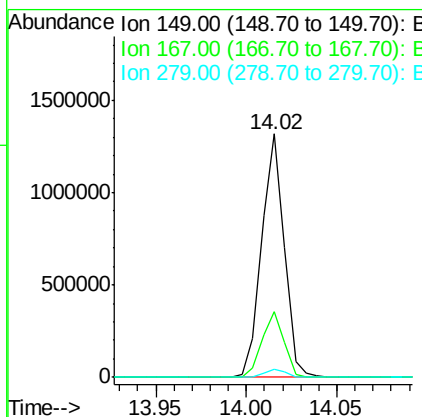
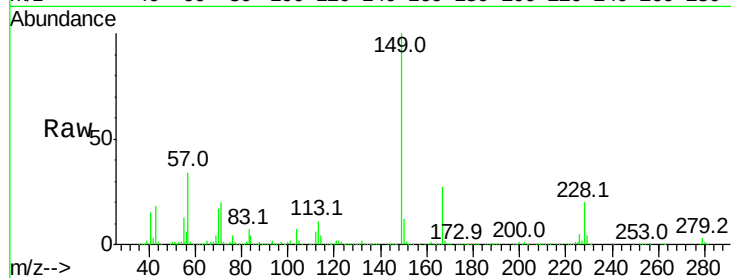
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.562 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.2	3.0	4.4

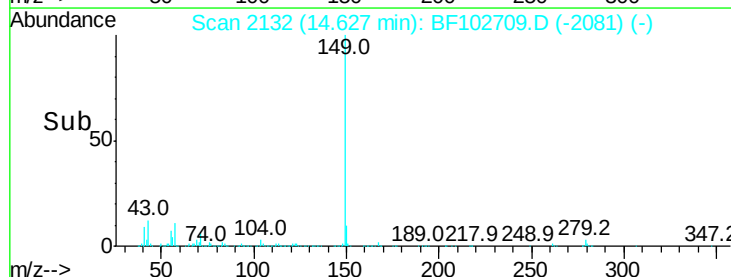
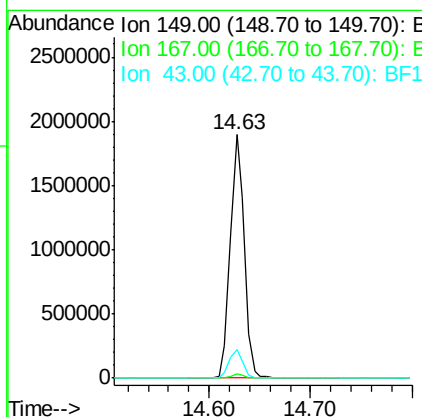
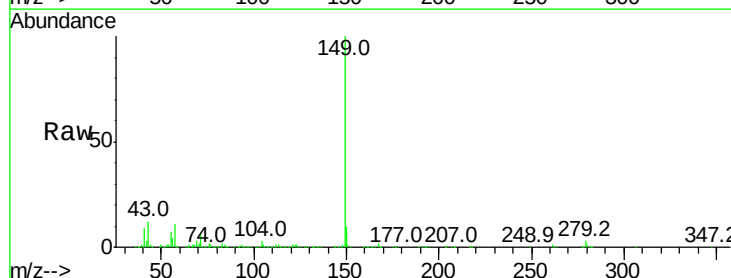
Manual Integrations
 APPROVED

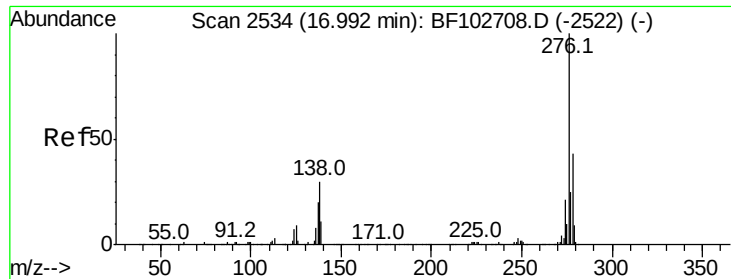
Sohil
 2/5/2018 11:05:04 AM



#84
 Di-n-octyl phthalate
 Concen: 51.336 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6





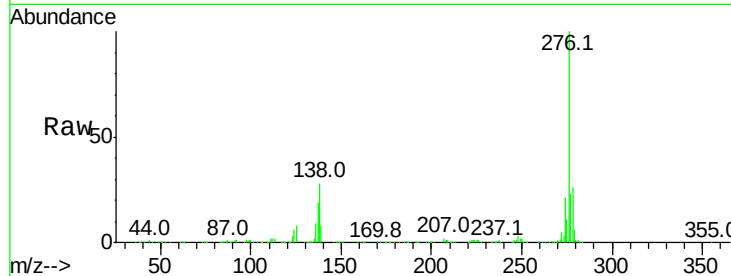
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.698 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

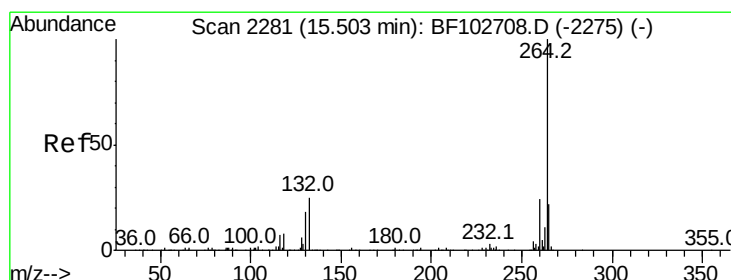
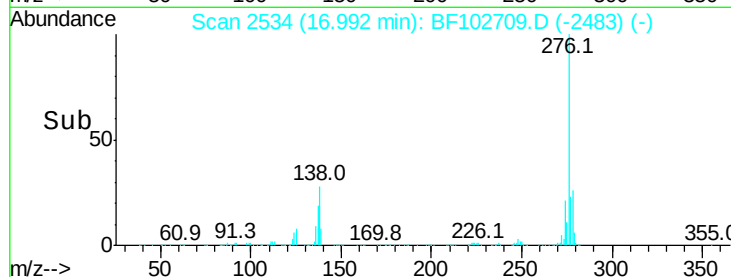
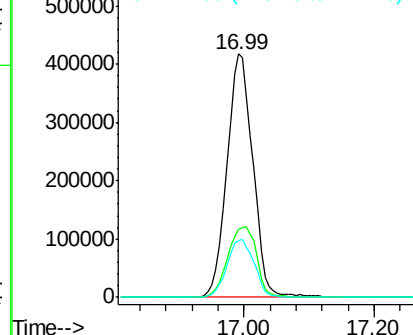
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	25.0	37.6
277	25.0	20.1	30.1

Manual Integrations
APPROVED

Sohil
2/5/2018 11:05:04 AM



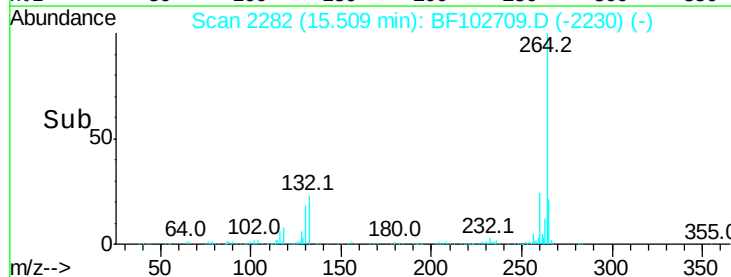
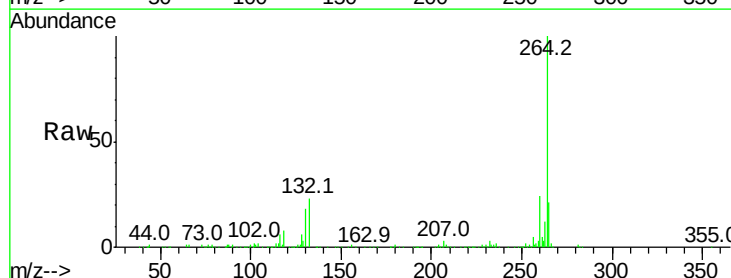
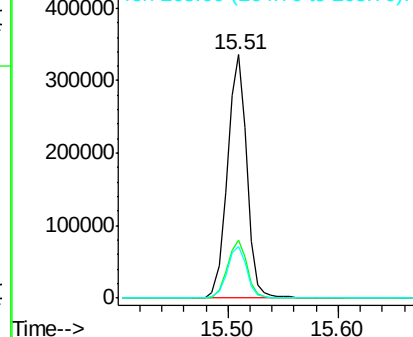
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

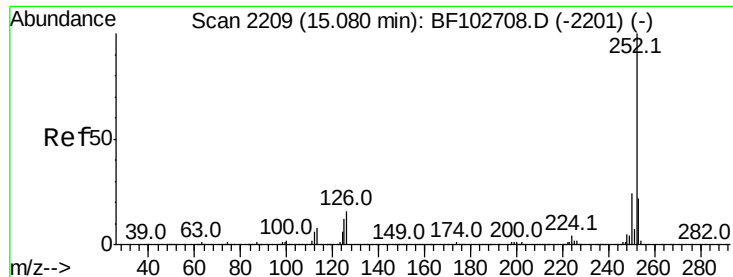


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





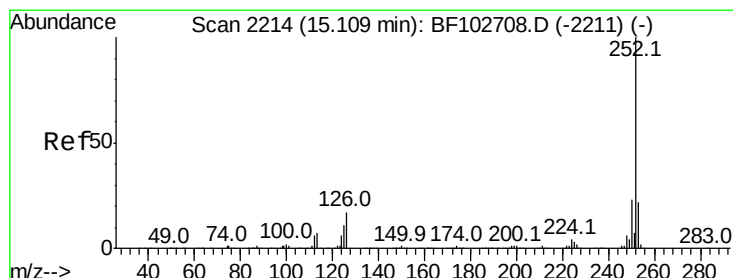
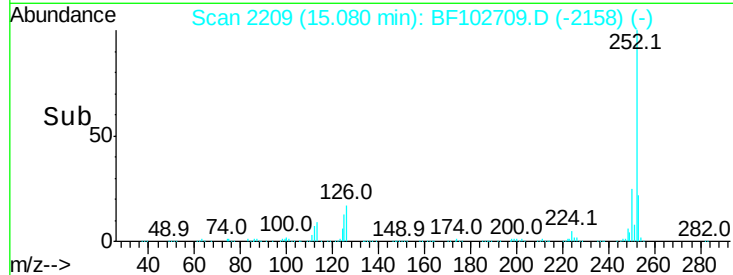
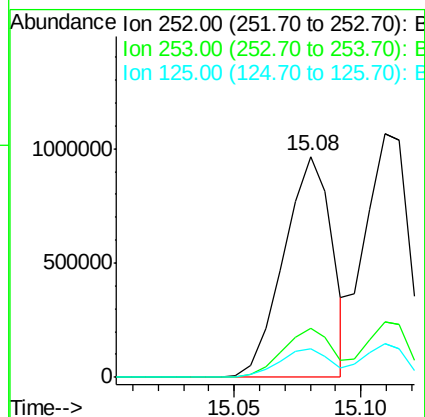
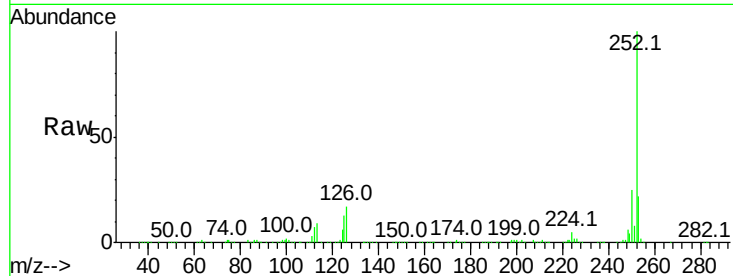
#87
Benzo(b)fluoranthene
Concen: 47.670 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.8	9.0	13.6

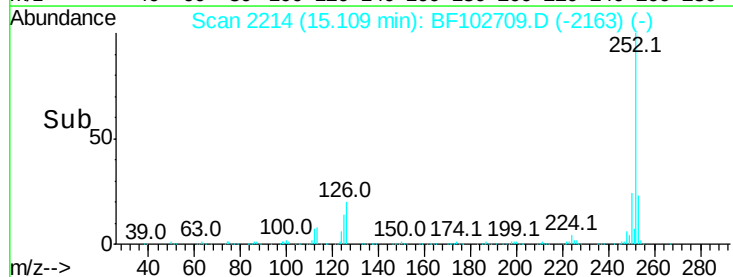
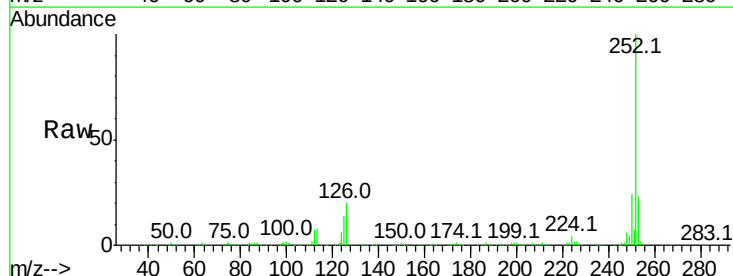
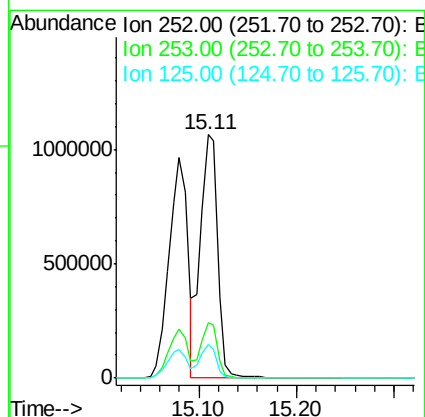
Manual Integrations
APPROVED

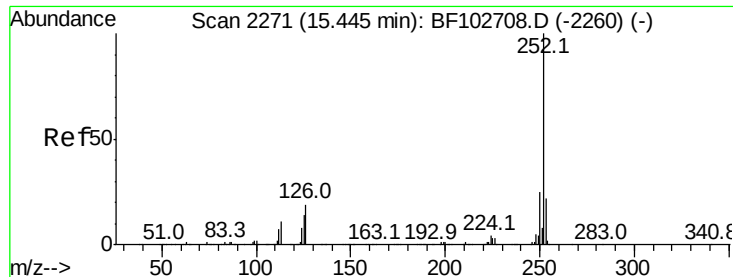
Sohil
2/5/2018 11:05:04 AM



#88
Benzo(k)fluoranthene
Concen: 50.090 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	13.8	10.2	15.2





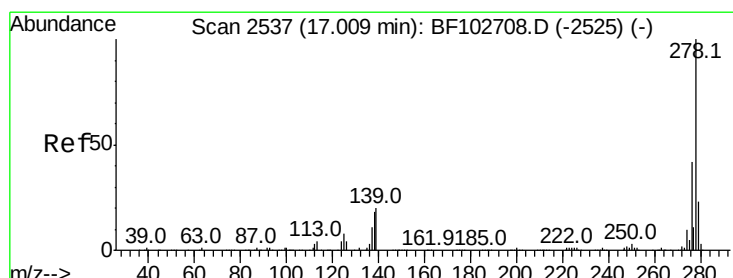
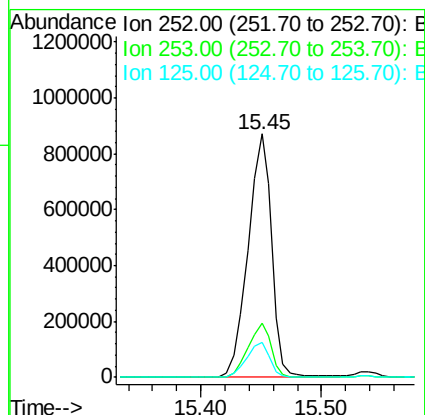
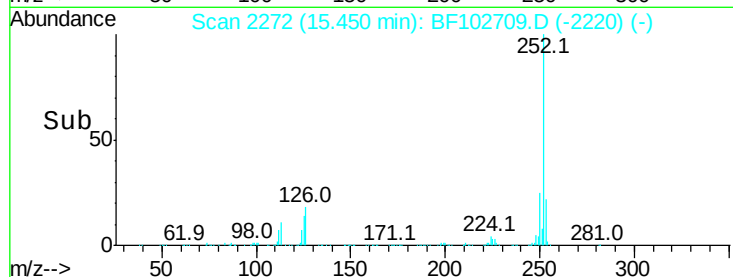
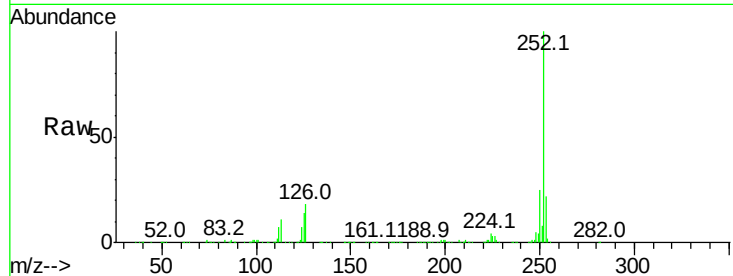
#89
Benzo(a)pyrene
Concen: 49.102 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.4	9.8	14.6

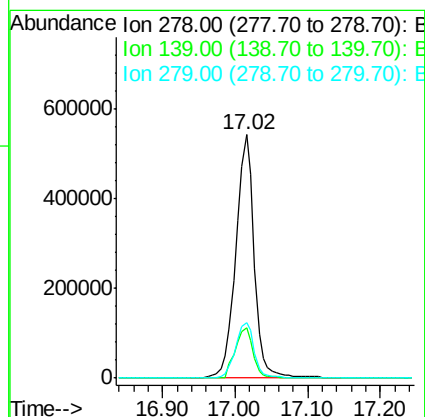
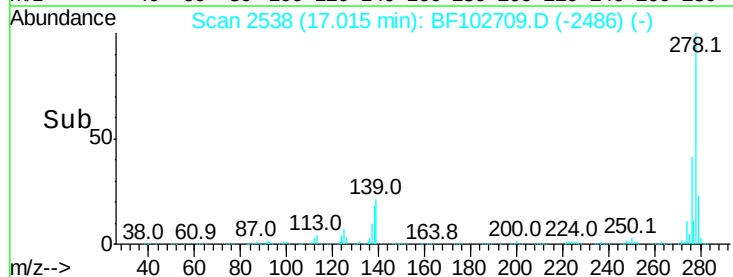
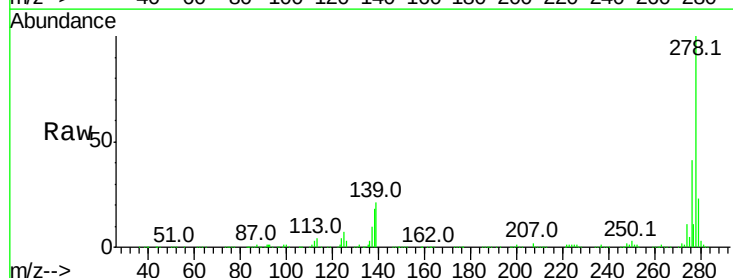
Manual Integrations
APPROVED

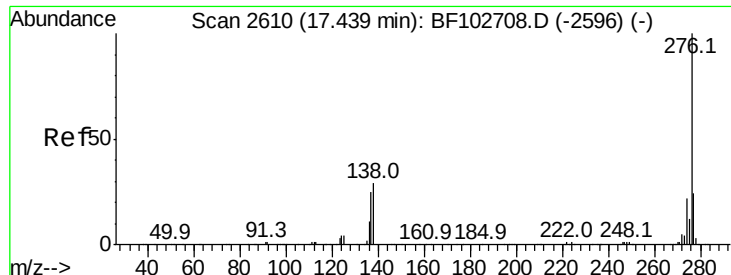
Sohil
2/5/2018 11:05:04 AM



#90
Dibenzo(a,h)anthracene
Concen: 49.737 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF102709.D
Acq: 3 Feb 2018 10:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.100 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.01 min
 Lab File: BF102709.D
 Acq: 3 Feb 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	29.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:04 AM

