

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103123.D
 Acq On : 20 Feb 2018 18:58
 Operator : SJ/JU
 Sample : J1624-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Sohil
 2/21/2018 10:10:35 AM

Quant Time: Feb 21 09:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182108	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	778136	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	351768	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	586808	20.00	ng	0.00
75) Chrysene-d12	14.05	240	327986	20.00	ng	0.00
86) Perylene-d12	15.54	264	322518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1323361	110.36	ng	0.02
7) Phenol-d6	6.52	99	1637909	113.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	1087106	96.92	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	330717	116.81	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1509735	71.22	ng	0.00
78) Terphenyl-d14	12.99	244	1277337	92.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	226570	38.254	ng	89
3) Pyridine	3.50	79	600874	36.720	ng	92
4) n-Nitrosodimethylamine	3.45	42	310568	44.359	ng	99
6) Aniline	6.55	93	614819	28.835	ng	97
8) 2-Chlorophenol	6.67	128	523733	42.424	ng	97
9) Benzaldehyde	6.43	77	341509	31.850	ng	100
10) Phenol	6.53	94	661467	42.749	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	530618	41.211	ng	92
12) 1,3-Dichlorobenzene	6.82	146	542477	37.946	ng	98
13) 1,4-Dichlorobenzene	6.89	146	547481	38.445	ng	99
14) 1,2-Dichlorobenzene	7.05	146	504310	38.021	ng	98
15) Benzyl Alcohol	7.02	79	457632	41.226	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	906114	37.047	ng	99
17) 2-Methylphenol	7.13	107	464167	40.762	ng	97
18) Hexachloroethane	7.39	117	203114	41.593	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	355727	37.368	ng	97
20) 3+4-Methylphenols	7.29	107	501969	35.746	ng	# 70
22) Acetophenone	7.29	105	682882	35.862	ng	# 86
24) Nitrobenzene	7.46	77	580429	43.989	ng	98
25) Isophorone	7.70	82	1101334	42.639	ng	99
26) 2-Nitrophenol	7.77	139	316084	56.449	ng	95
27) 2,4-Dimethylphenol	7.81	122	473576	43.398	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	675583	44.153	ng	99
29) 2,4-Dichlorophenol	8.02	162	439136	44.268	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	430111	38.327	ng	97
31) Naphthalene	8.18	128	1470703	38.684	ng	99
32) Benzoic acid	7.92	122	114415	22.098	ng	99
33) 4-Chloroaniline	8.23	127	343605	20.980	ng	97
34) Hexachlorobutadiene	8.29	225	214778	37.349	ng	100
35) Caprolactam	8.61	113	151485m	43.972	ng	
36) 4-Chloro-3-methylphenol	8.72	107	498515	44.727	ng	96
37) 2-Methylnaphthalene	8.87	142	976219	39.220	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	373129	38.957	ng	99
40) Hexachlorocyclopentadiene	9.02	237	229100	50.316	ng	95

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103123.D
 Acq On : 20 Feb 2018 18:58
 Operator : SJ/JU
 Sample : J1624-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

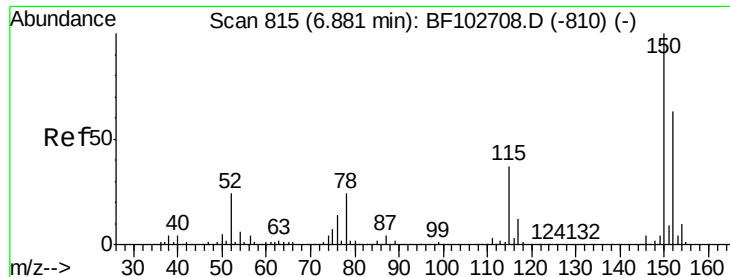
Manual Integrations
 APPROVED

Sohil
 2/21/2018 10:10:35 AM

Quant Time: Feb 21 09:10:05 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	278357	44.246	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	295335	41.651	ng	97
45) 1,1'-Biphenyl	9.34	154	1106695	37.352	ng	99
46) 2-Chloronaphthalene	9.36	162	899475	38.562	ng	99
47) 2-Nitroaniline	9.46	65	342401	47.602	ng	93
48) Acenaphthylene	9.78	152	1345871	37.149	ng	99
49) Dimethylphthalate	9.64	163	1228908	44.805	ng	100
50) 2,6-Dinitrotoluene	9.70	165	244269	46.811	ng	95
51) Acenaphthene	9.95	154	772248	35.644	ng	99
52) 3-Nitroaniline	9.87	138	216133	33.662	ng	97
53) 2,4-Dinitrophenol	9.99	184	149226	82.889	ng	# 20
54) Dibenzofuran	10.12	168	1144782	37.493	ng	96
55) 4-Nitrophenol	10.05	139	379046	72.247	ng	93
56) 2,4-Dinitrotoluene	10.11	165	314812	45.176	ng	95
57) Fluorene	10.47	166	880849	39.651	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	219791	44.723	ng	99
59) Diethylphthalate	10.33	149	1026454	37.901	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	393939	40.086	ng	97
61) 4-Nitroaniline	10.49	138	276334	45.214	ng	96
62) Azobenzene	10.62	77	1026621	37.945	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	133474	52.801	ng	96
65) n-Nitrosodiphenylamine	10.58	169	816457	39.445	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	249155	40.139	ng	96
67) Hexachlorobenzene	11.02	284	262503	38.334	ng	95
68) Atrazine	11.10	200	251644	41.211	ng	98
69) Pentachlorophenol	11.22	266	250160	62.232	ng	99
70) Phenanthrene	11.43	178	1229531	37.622	ng	99
71) Anthracene	11.49	178	1265864	38.083	ng	100
72) Carbazole	11.64	167	1224654	37.607	ng	99
73) Di-n-butylphthalate	11.96	149	1579658	39.933	ng	100
74) Fluoranthene	12.62	202	1165423	35.443	ng	99
76) Benzidine	12.74	184	369130	24.487	ng	99
77) Pyrene	12.85	202	1162014	45.181	ng	99
79) Butylbenzylphthalate	13.46	149	619566	50.311	ng	100
80) Benzo(a)anthracene	14.04	228	860170	41.701	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	270471	35.364	ng	98
82) Chrysene	14.08	228	803760	38.655	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	861206	54.661	ng	# 99
84) Di-n-octyl phthalate	14.63	149	1321896	55.878	ng	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	879211	50.982	ng	99
87) Benzo(b)fluoranthene	15.10	252	771198	36.882	ng	98
88) Benzo(k)fluoranthene	15.13	252	764365	38.258	ng	99
89) Benzo(a)pyrene	15.48	252	765315	40.662	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	728117	47.661	ng	99
91) Benzo(g,h,i)perylene	17.52	276	735863	49.212	ng	98

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



#1

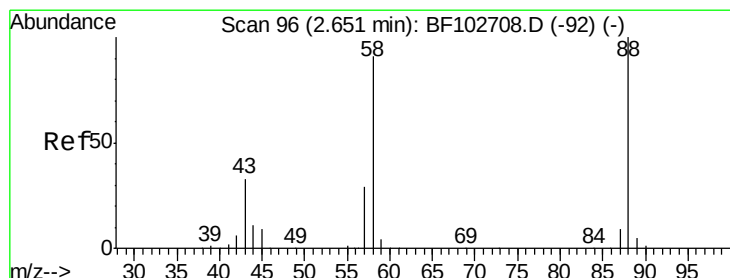
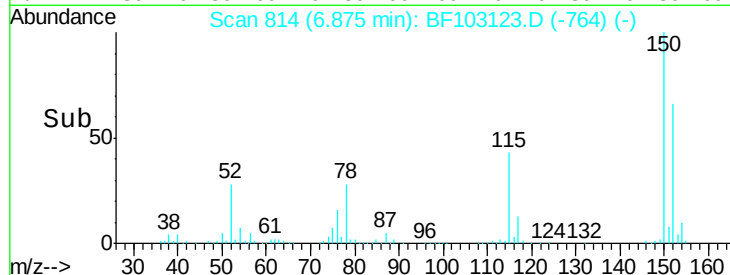
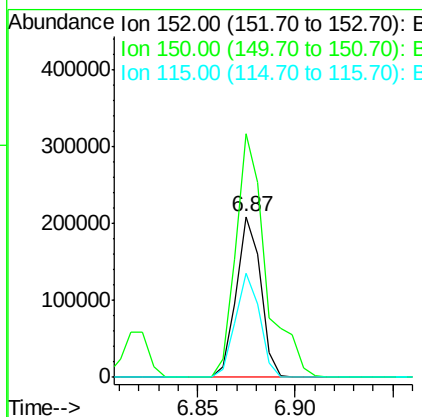
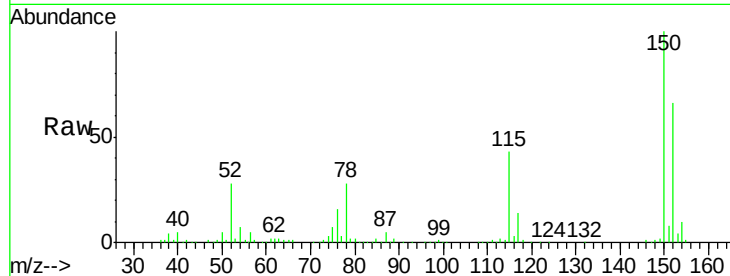
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	124.6	186.8
115	64.8	50.1	75.1

Manual Integrations
APPROVED

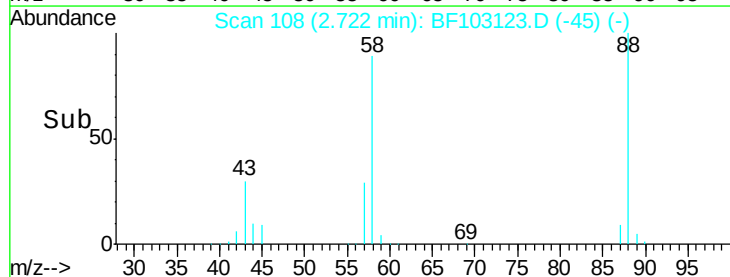
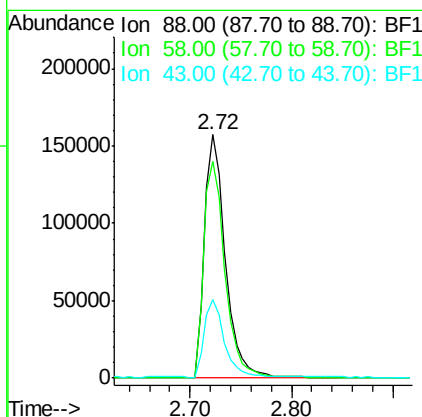
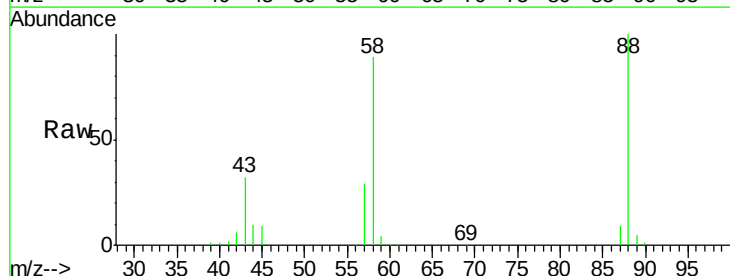
Sohil
2/21/2018 10:10:35 AM

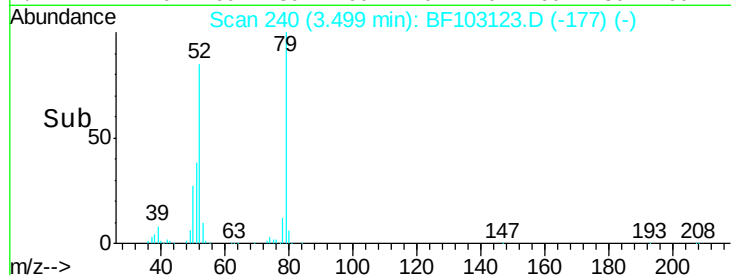
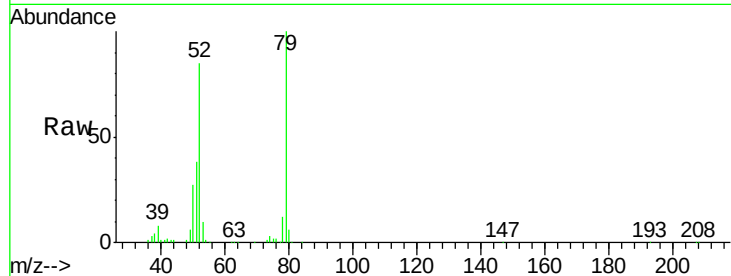
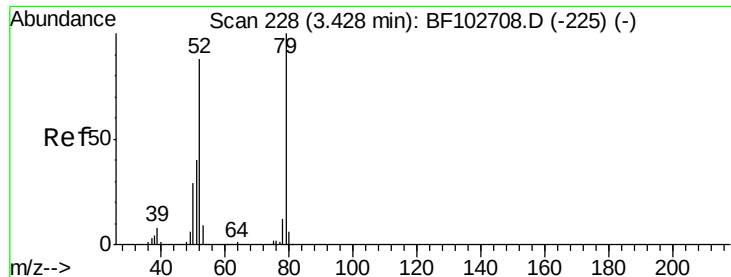


#2

1,4-Dioxane
Concen: 38.254 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	62.6	93.8
43	30.4	24.6	37.0





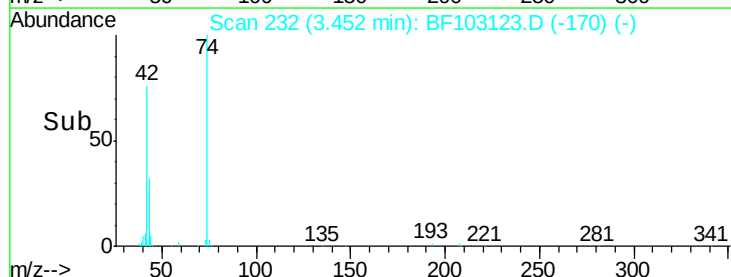
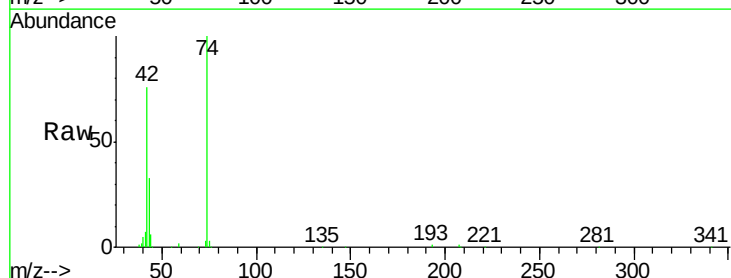
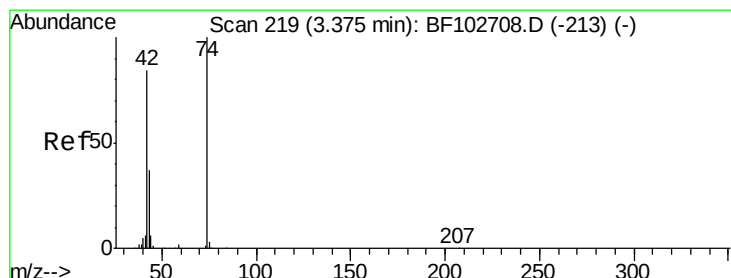
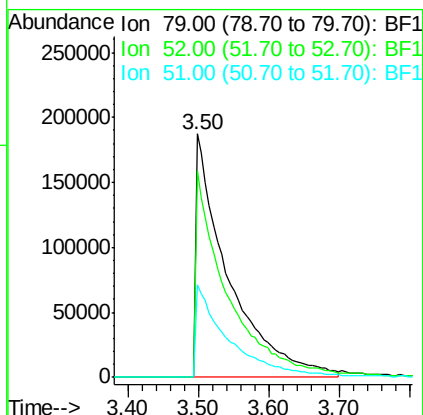
#3
 Pvridine
 Concen: 36.720 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.07 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.9	59.8	89.6
51	38.2	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

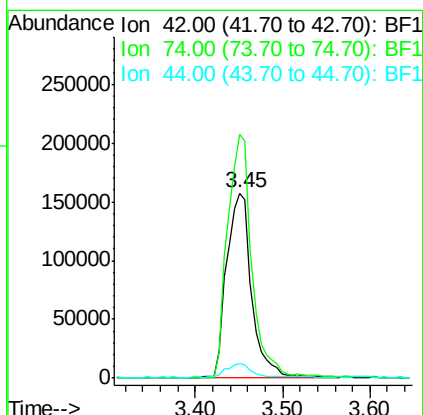
Manual Integrations
 APPROVED

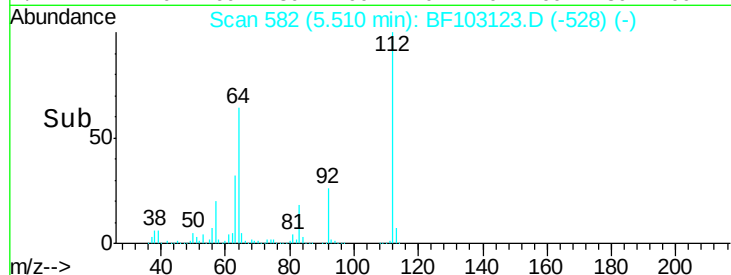
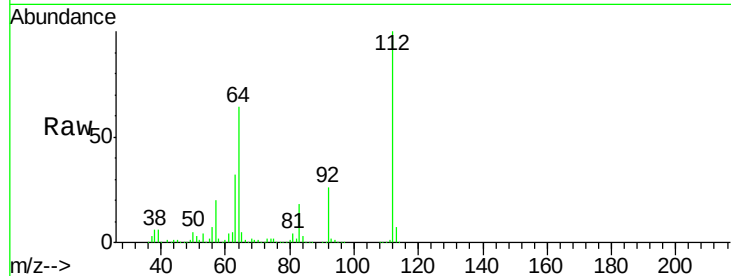
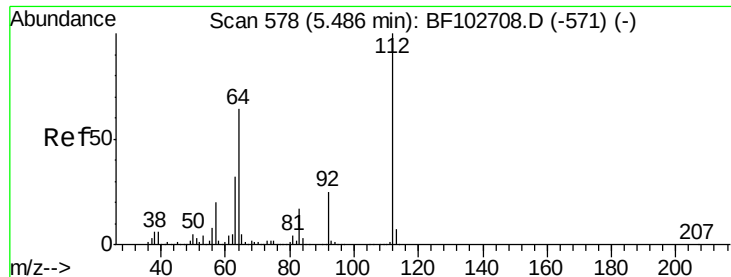
Sohil
 2/21/2018 10:10:35 AM



#4
 n-Nitrosodimethylamine
 Concen: 44.359 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.06 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.7	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 110.360 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tot Ion:	112	Resp:	1323361
Ion Ratio	Lower	Upper	
112	100		
64	63.8	47.9	71.9
63	32.3	23.7	35.5

Instrument :

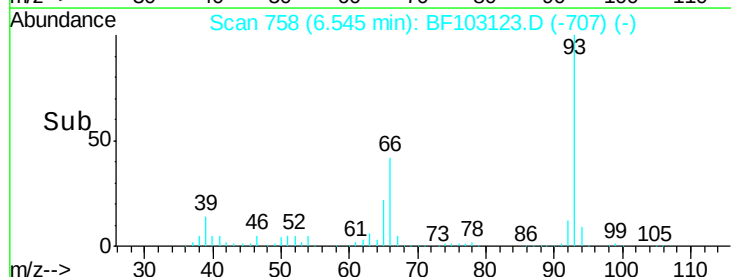
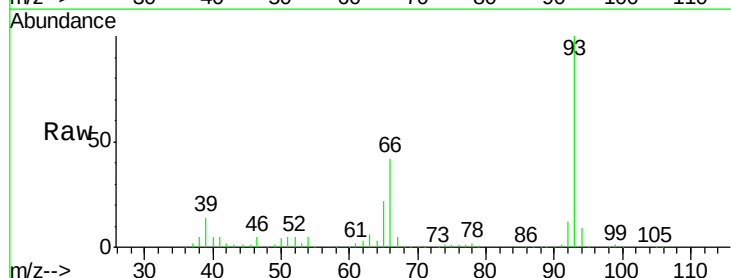
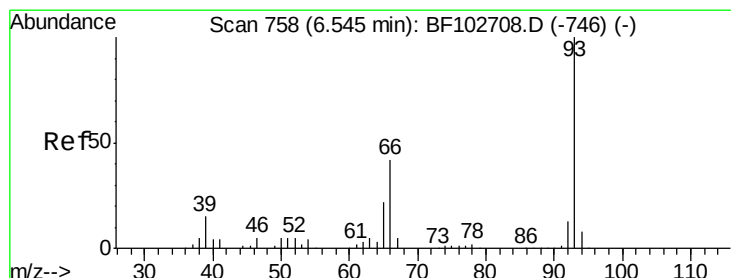
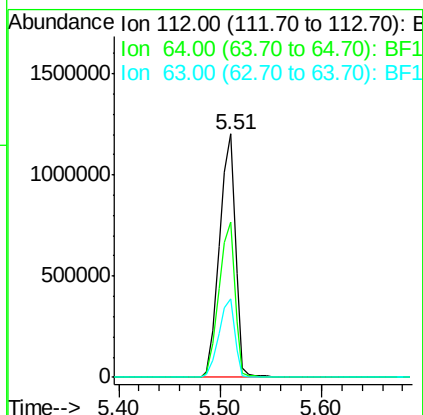
BNA_F

ClientSampleId :

TP-3MSD

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#6

Aniline

Concen: 28.835 ng

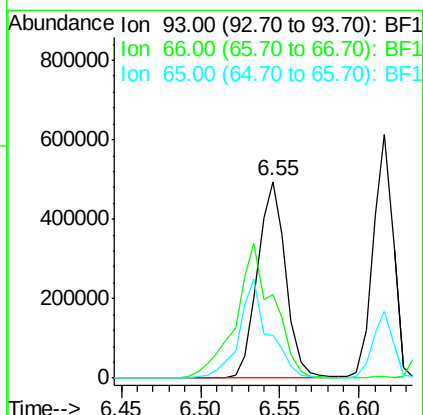
RT: 6.55 min Scan# 758

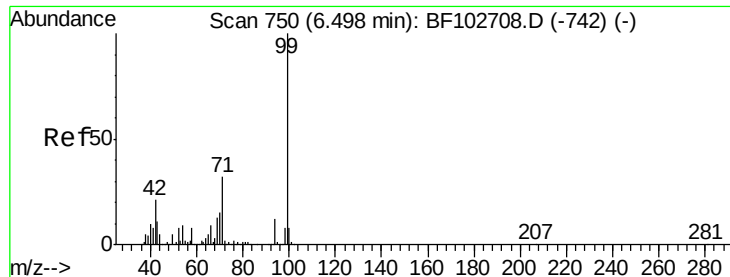
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	93	Resp:	614819
Ion Ratio	Lower	Upper	
93	100		
66	42.4	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 113.442 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampled :

TP-3MSD

Tot Ion: 99 Resp: 1637909

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

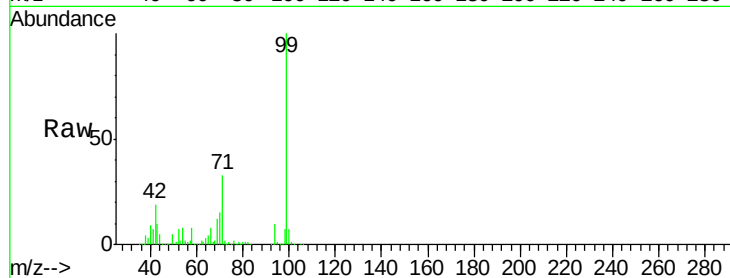
71 33.3 25.4 38.0

Manual Integrations

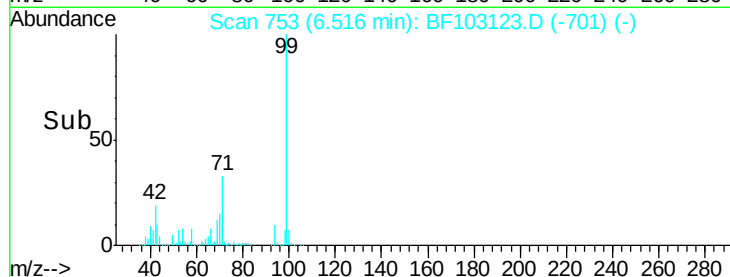
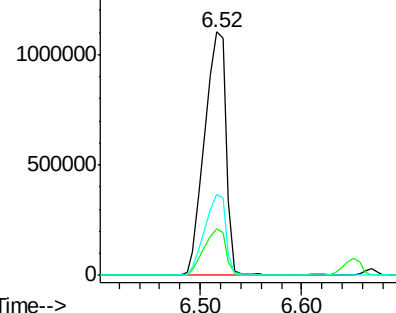
APPROVED

Sohil

2/21/2018 10:10:35 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.424 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

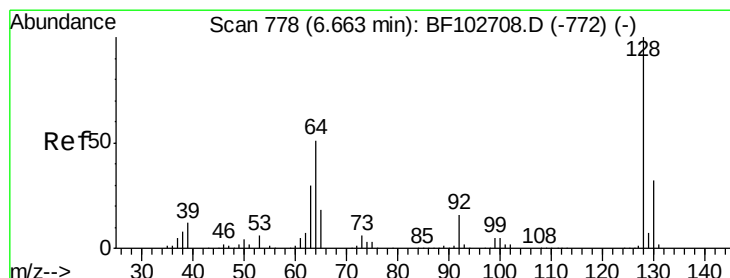
Tgt Ion:128 Resp: 523733

Ion Ratio Lower Upper

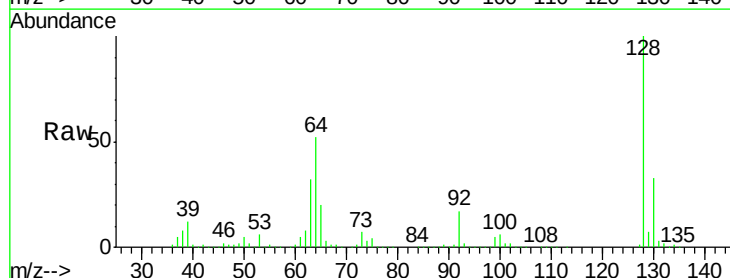
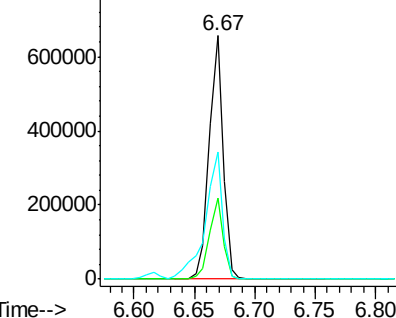
128 100

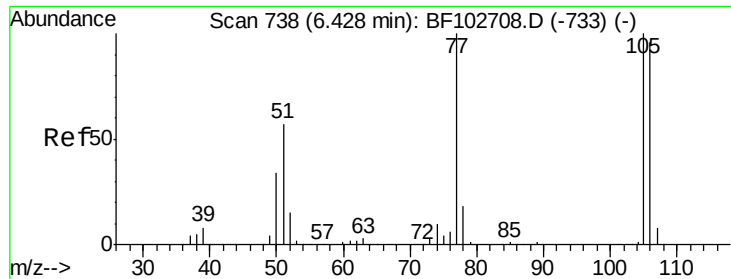
130 33.3 13.0 53.0

64 52.2 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
800000
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.850 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

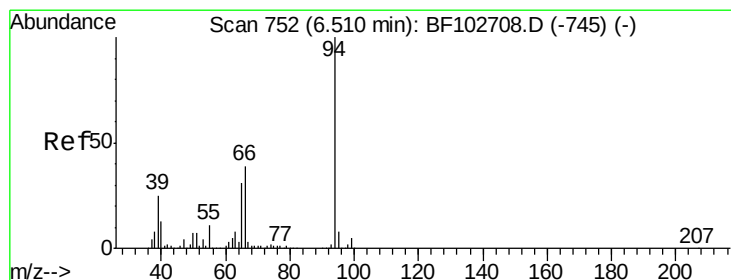
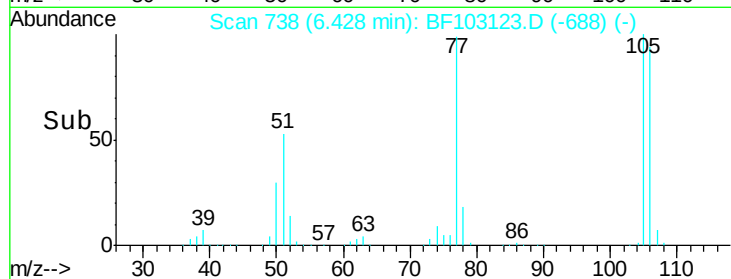
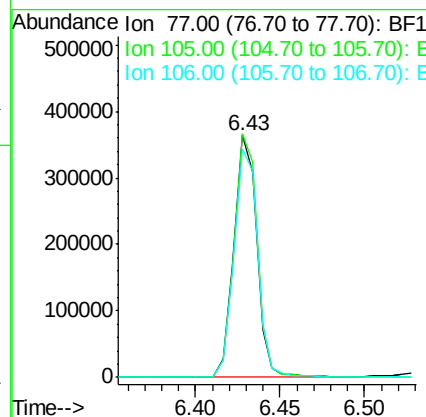
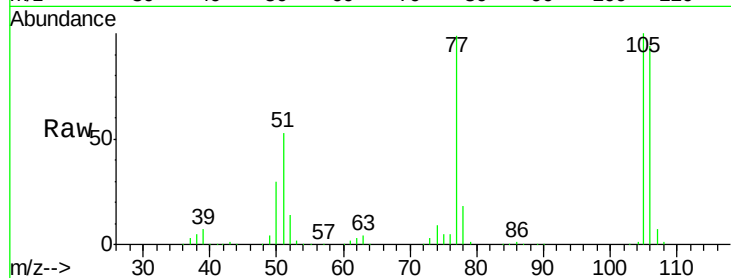
ClientSampleId :

TP-3MSD

Tot Ion:	77	Resp:	341509
Ion	Ratio	Lower	Upper
77	100		
105	100.6	81.1	121.1
106	94.5	74.5	114.5

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#10

Phenol

Concen: 42.749 ng

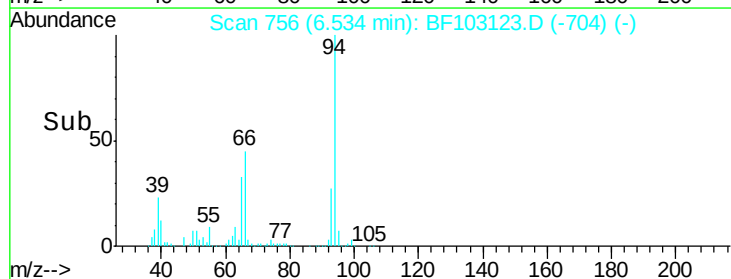
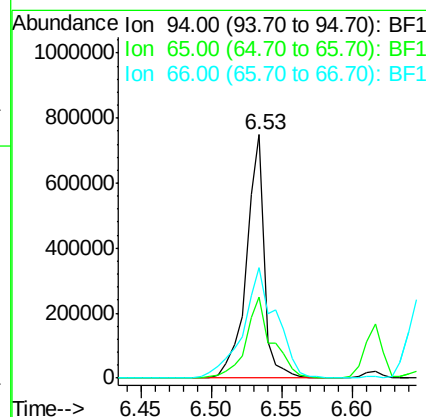
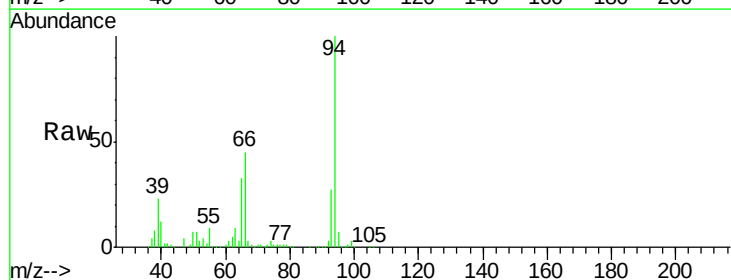
RT: 6.53 min Scan# 756

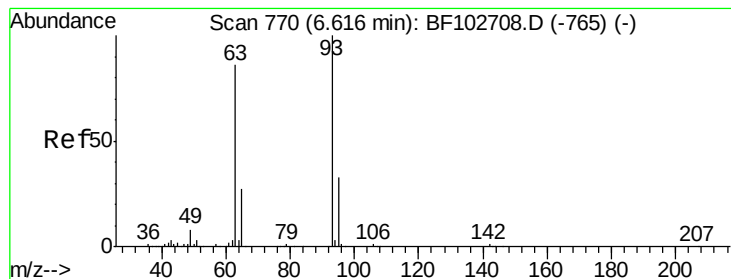
Delta R.T. 0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	94	Resp:	661467
Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.9	47.9
66	45.2	16.2	56.2





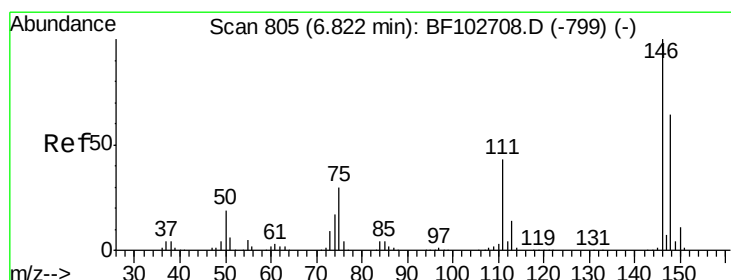
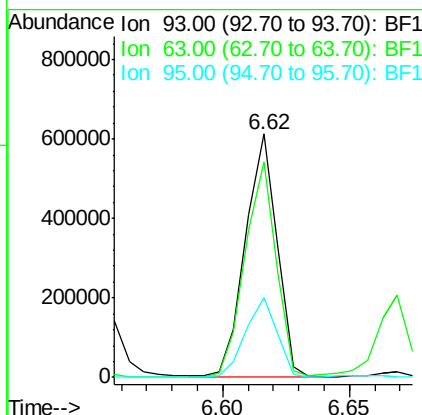
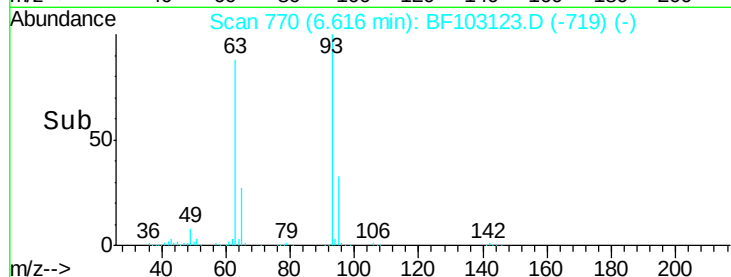
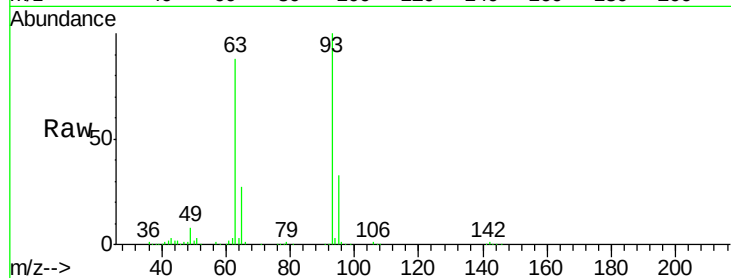
#11
bis(2-Chloroethyl)ether
Concen: 41.211 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	93	Resp	530618
Ion	Ratio	Lower	Upper
93	100		
63	88.3	58.6	98.6
95	32.7	11.8	51.8

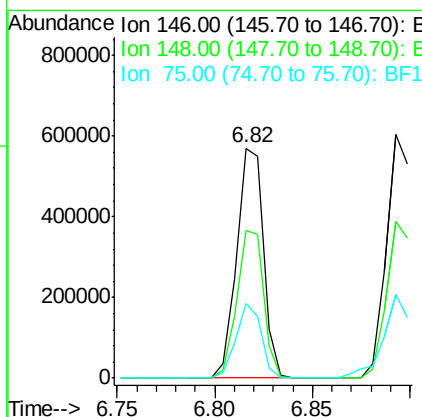
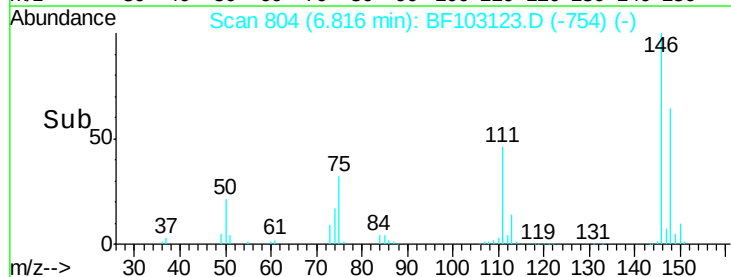
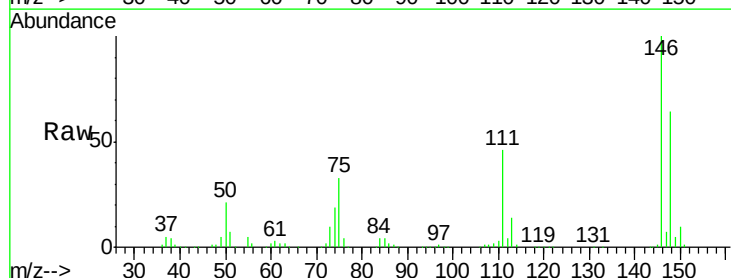
Manual Integrations
APPROVED

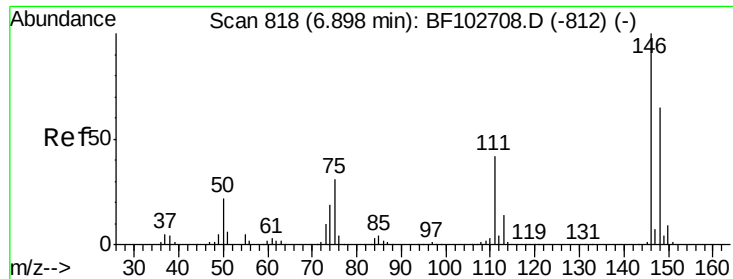
Sohil
2/21/2018 10:10:35 AM



#12
1,3-Dichlorobenzene
Concen: 37.946 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	146	Resp	542477
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	32.6	24.2	36.4





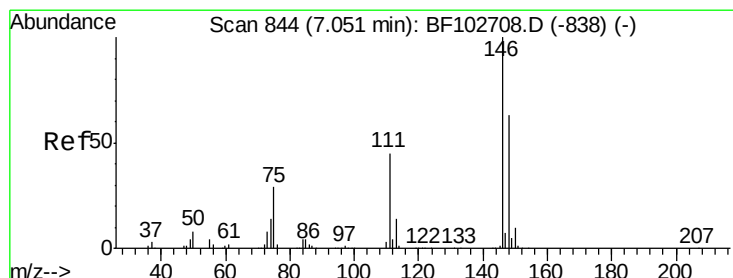
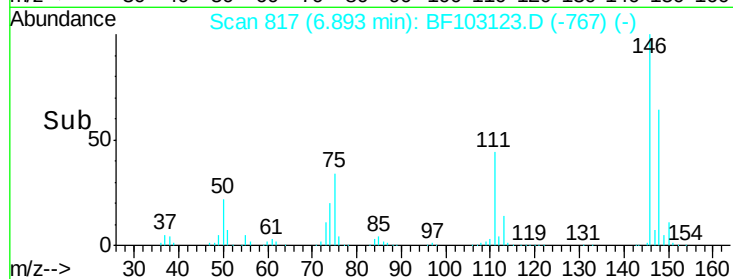
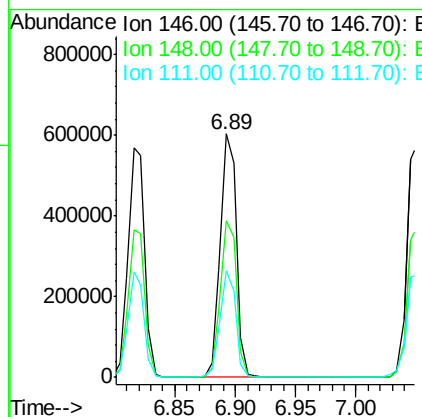
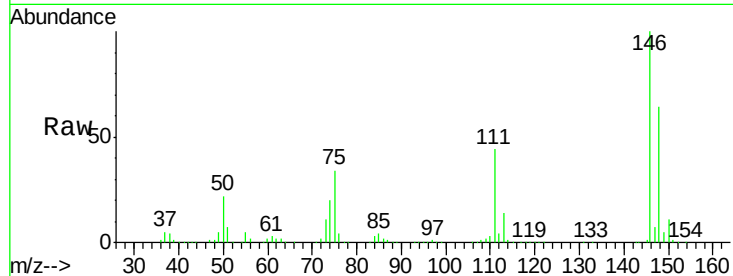
#13
1,4-Dichlorobenzene
Concen: 38.445 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	43.8	34.2	51.2

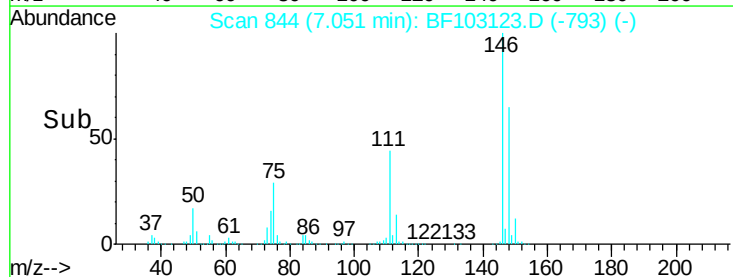
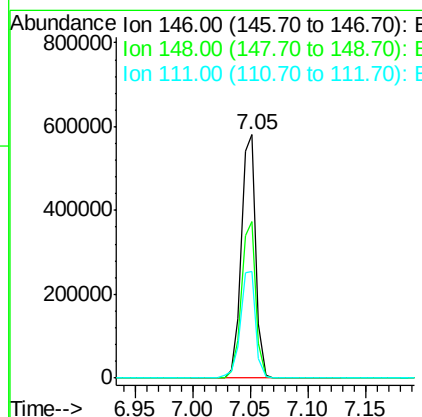
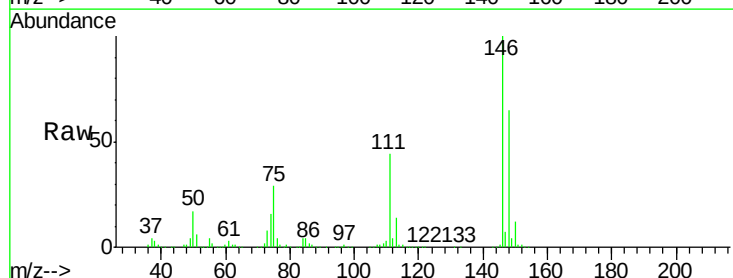
Manual Integrations
APPROVED

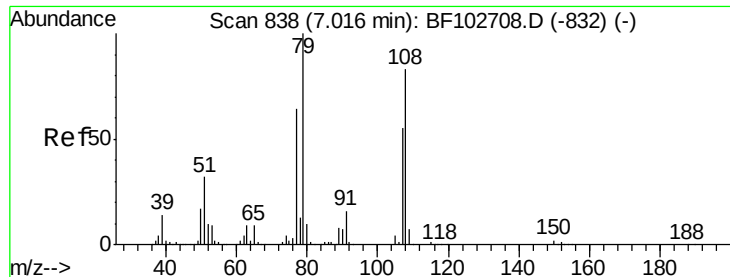
Sohil
2/21/2018 10:10:35 AM



#14
1,2-Dichlorobenzene
Concen: 38.021 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	43.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 41.226 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

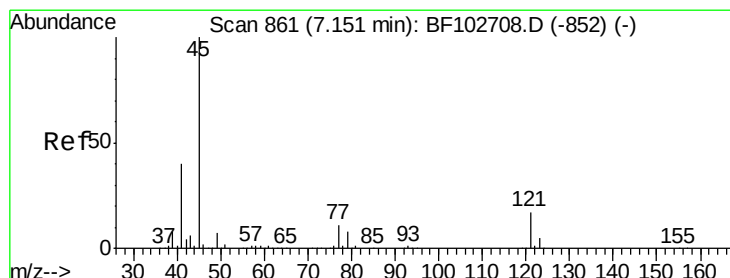
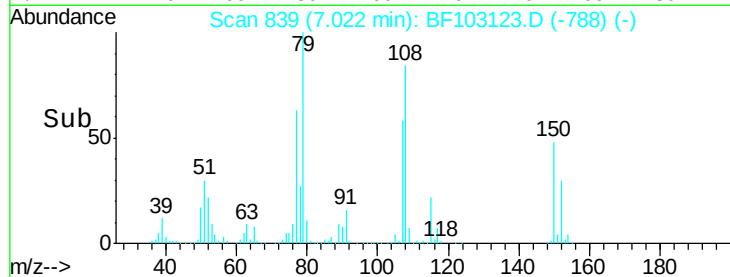
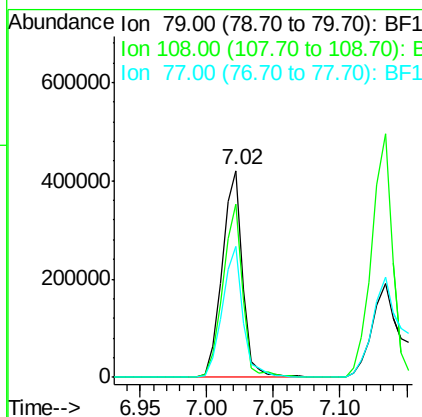
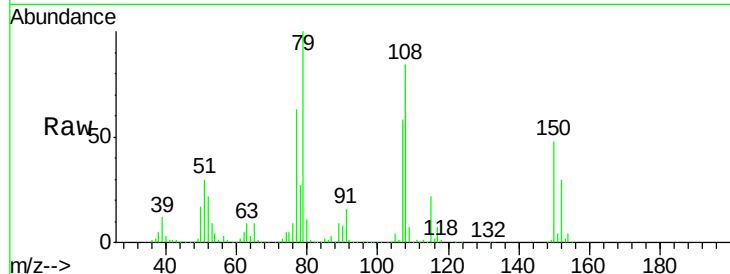
ClientSampled :

TP-3MSD

Tot Ion:	79	Resp:	457632
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	63.3	50.6	75.8

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.047 ng

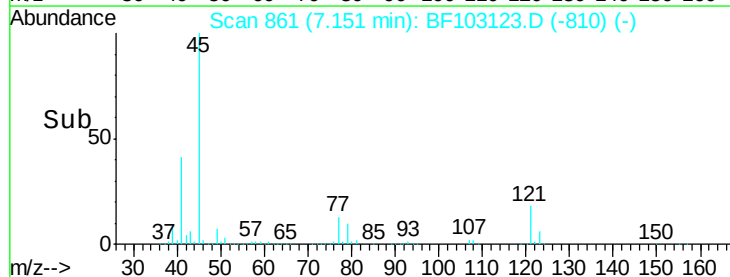
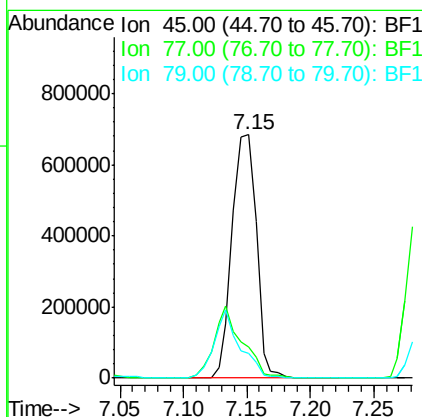
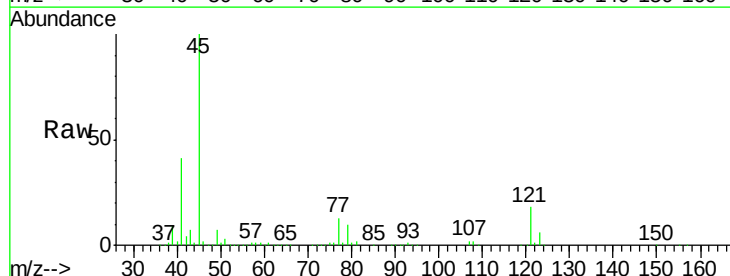
RT: 7.15 min Scan# 861

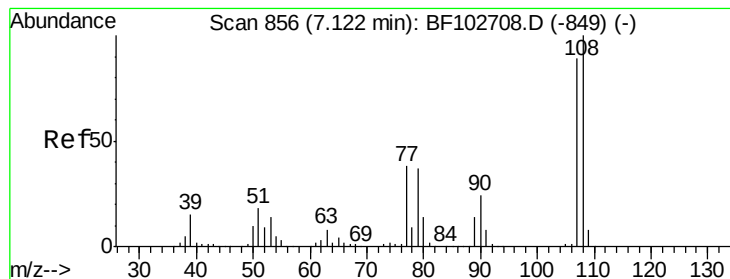
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	45	Resp:	906114
Ion Ratio	Lower	Upper	
45	100		
77	13.0	0.0	32.9
79	10.4	0.0	29.6





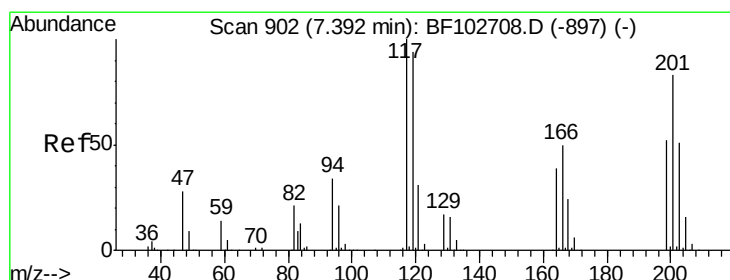
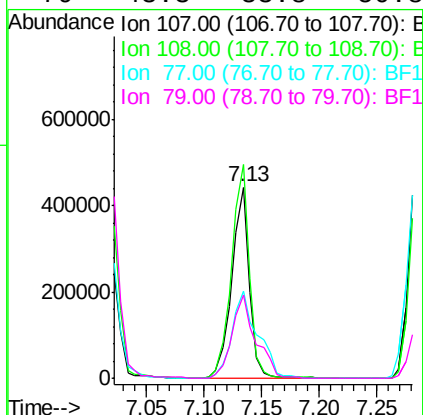
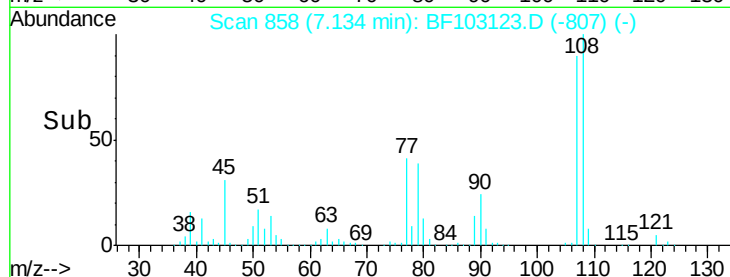
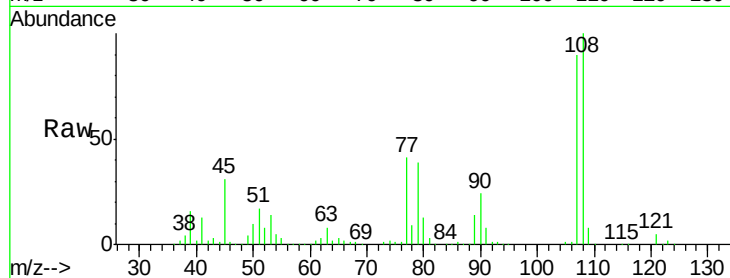
#17
2-Methylphenol
Concen: 40.762 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.7	91.7	137.5	
77	77	45.8	33.8	50.8	
79	79	43.3	33.8	50.8	

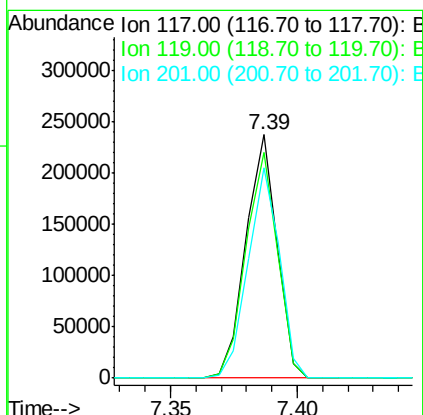
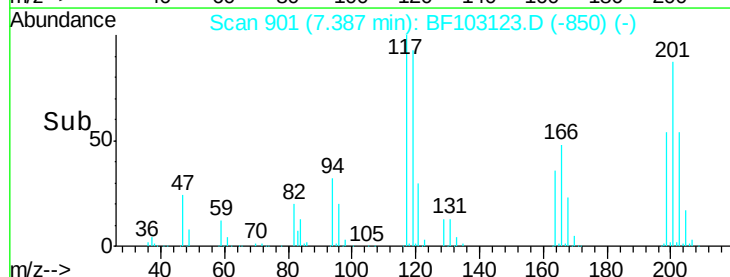
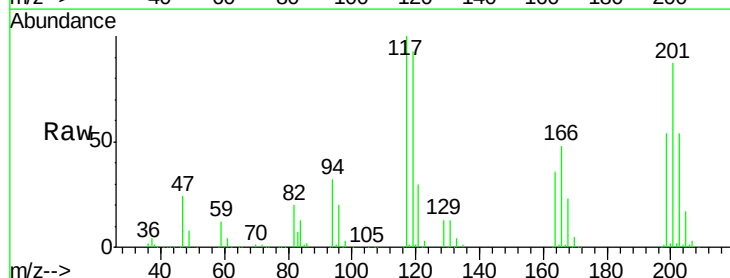
Manual Integrations
APPROVED

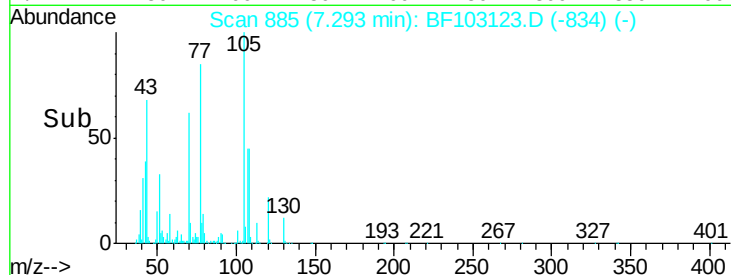
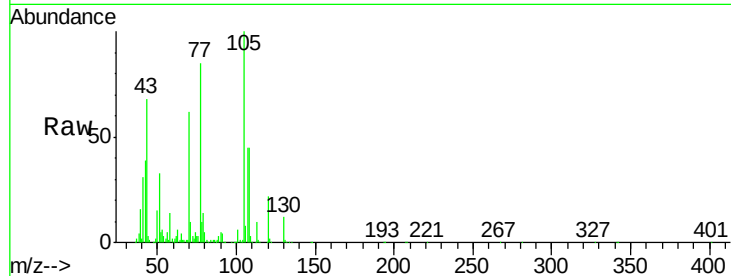
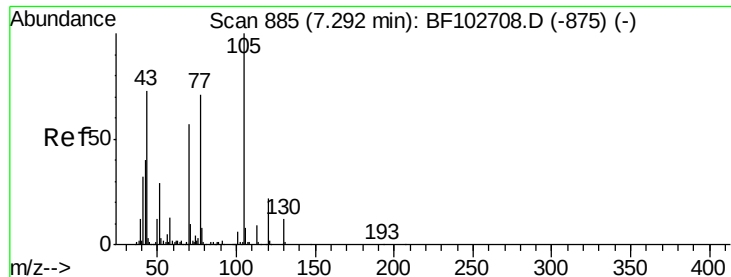
Sohil
2/21/2018 10:10:35 AM



#18
Hexachloroethane
Concen: 41.593 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	92.9	75.8	113.8	
201	201	86.6	75.7	113.5	





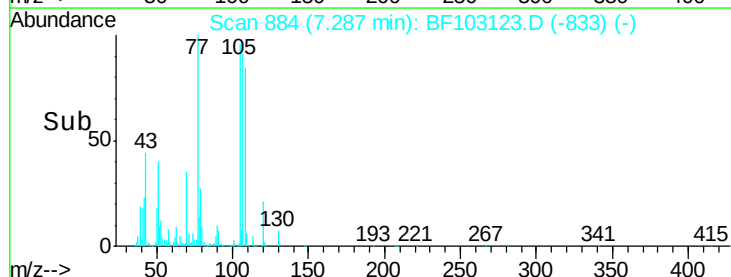
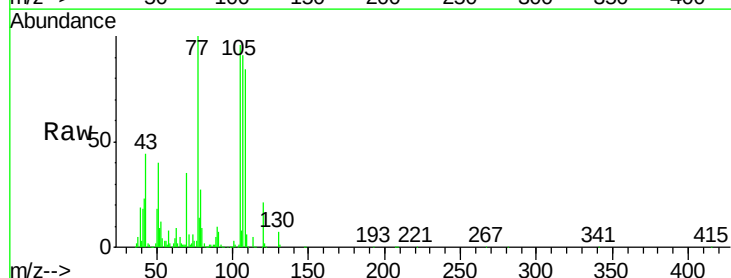
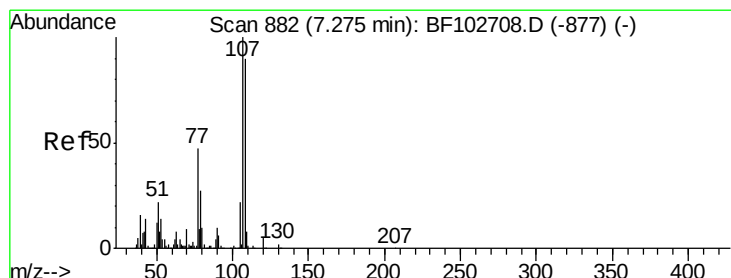
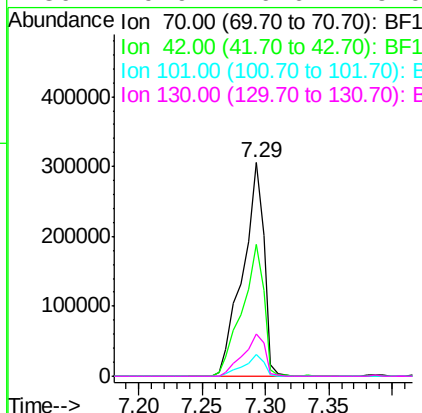
#19
n-Nitroso-di-n-propylamine
Concen: 37.368 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	10.0	7.4	11.2
130	19.9	16.6	25.0

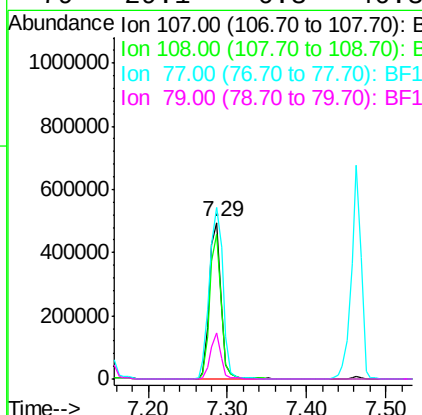
Manual Integrations
APPROVED

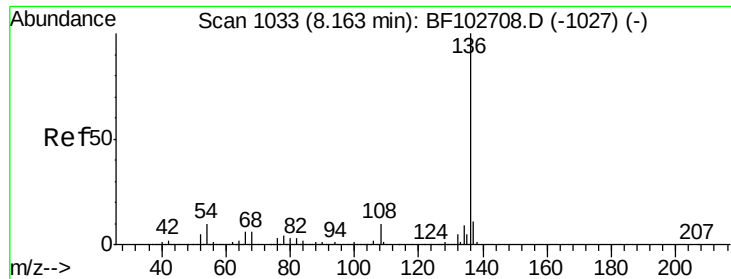
Sohil
2/21/2018 10:10:35 AM



#20
3+4-Methylphenols
Concen: 35.746 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	109.6	26.7	66.7#
79	29.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

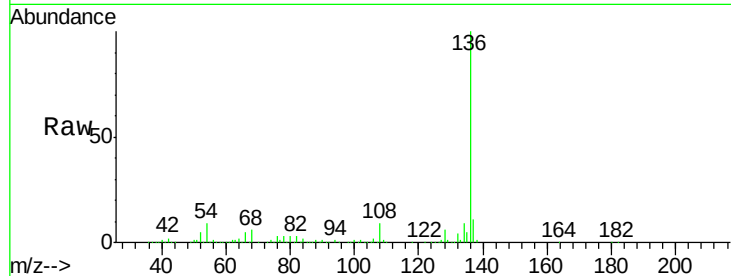
ClientSampleId :

TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		778136		
137	10.6		8.9	13.3	
54	8.6		6.6	9.8	
68	6.1		5.0	7.4	

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM

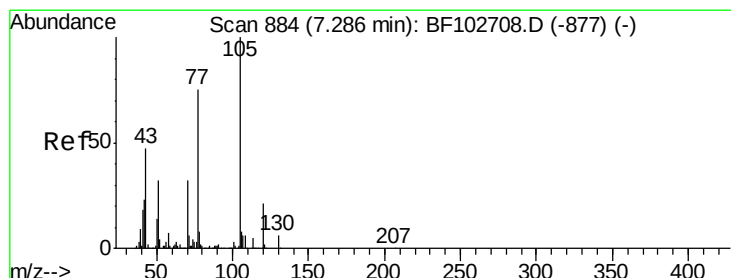
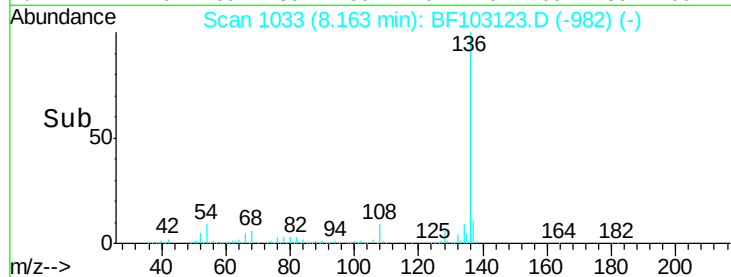
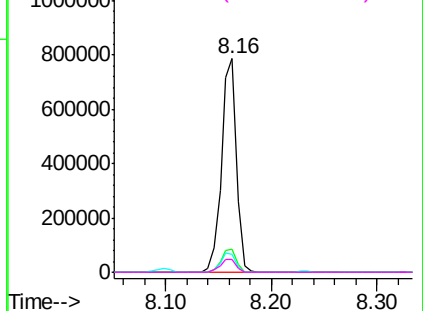


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.862 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

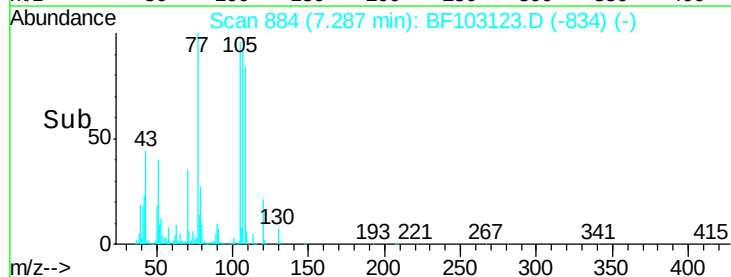
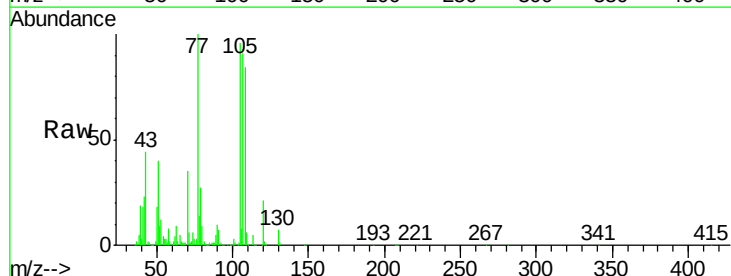
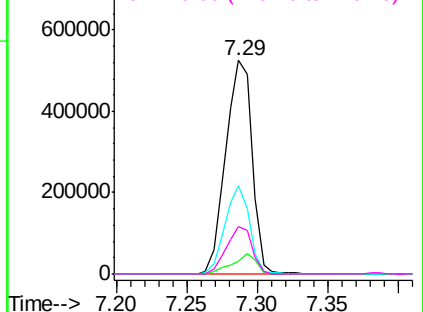
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		682882		
71	6.3		4.4	6.6	
51	41.3		22.3	33.5	
120	22.1		16.9	25.3	

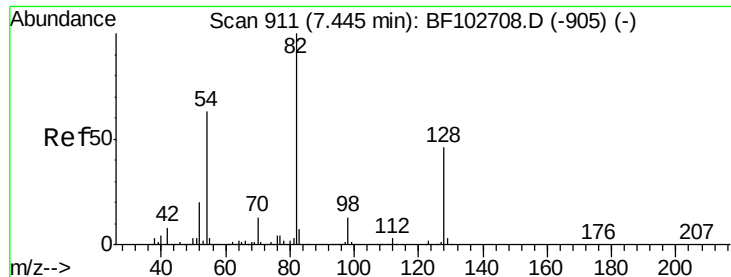
Abundance Ion 105.00 (104.70 to 105.70): E

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





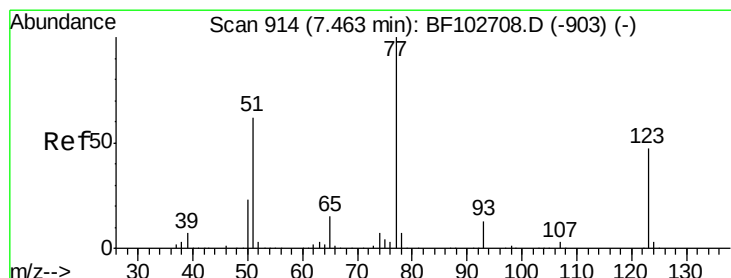
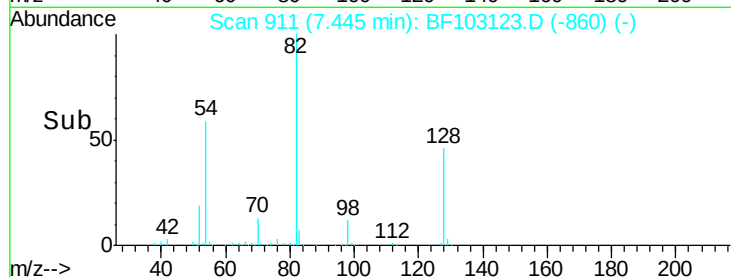
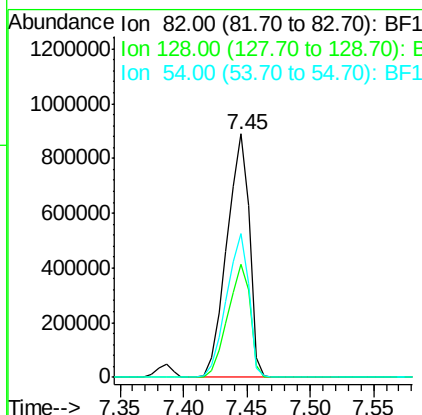
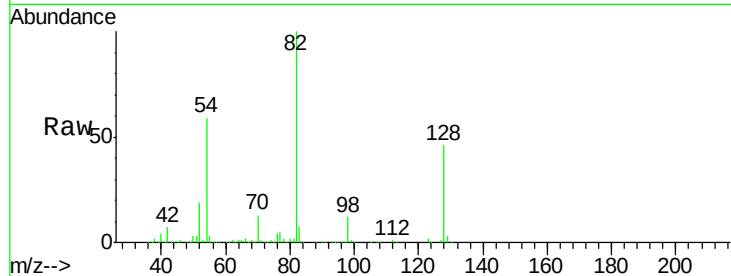
#23
Nitrobenzene-d5
Concen: 96.915 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	59.3	41.4	62.2

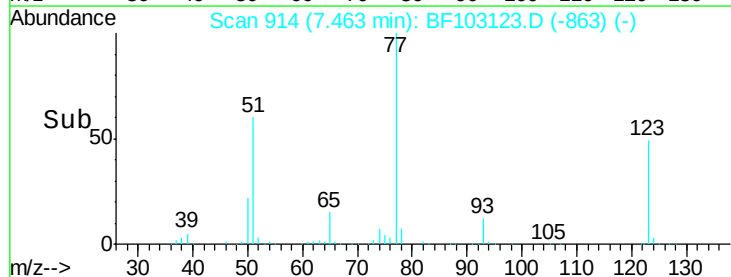
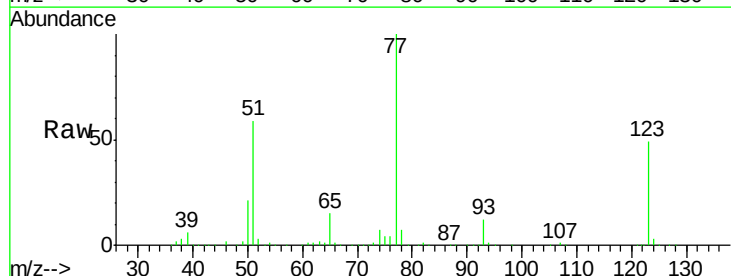
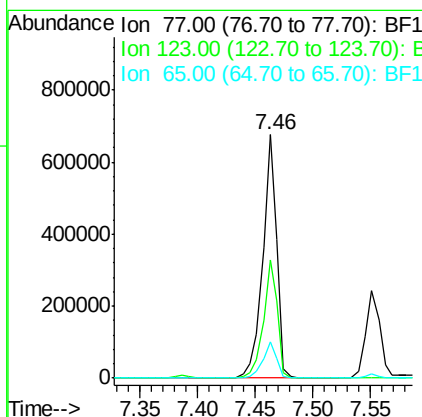
Manual Integrations
APPROVED

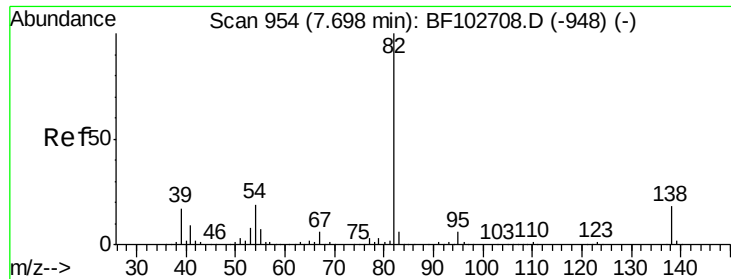
Sohil
2/21/2018 10:10:35 AM



#24
Nitrobenzene
Concen: 43.989 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	37.9	56.9
65	15.1	11.0	16.4





#25

Isophorone

Concen: 42.639 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion: 82 Resp: 1101334

Ion Ratio Lower Upper

82 100

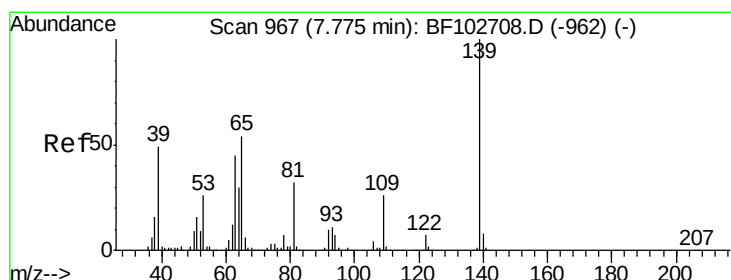
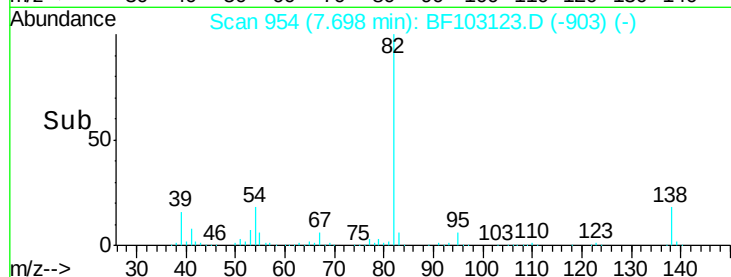
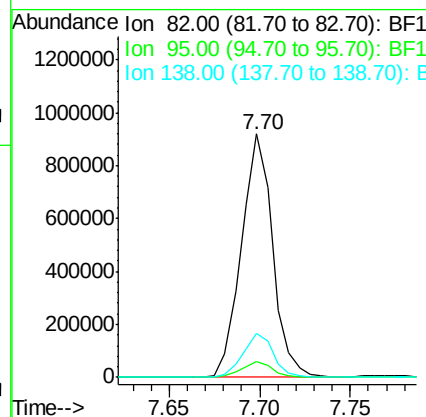
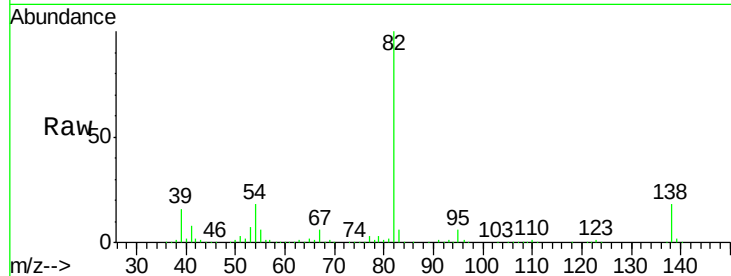
95 6.4 5.2 7.8

138 18.1 14.9 22.3

Manual Integrations
APPROVED

Sohil

2/21/2018 10:10:35 AM



#26

2-Nitrophenol

Concen: 56.449 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

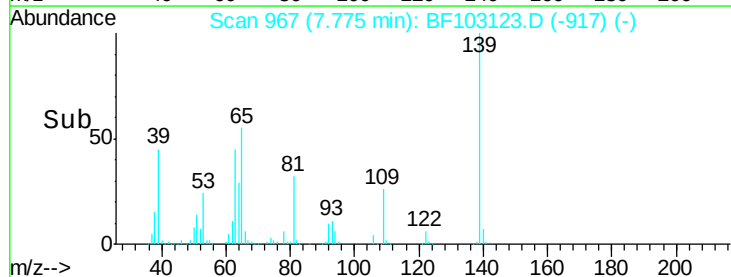
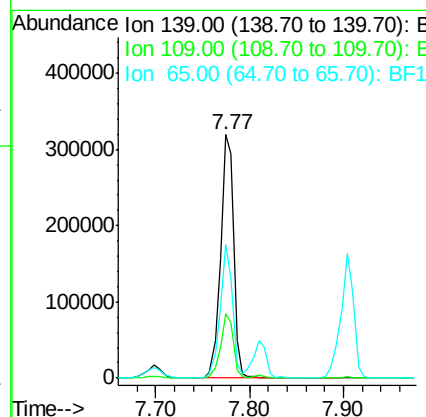
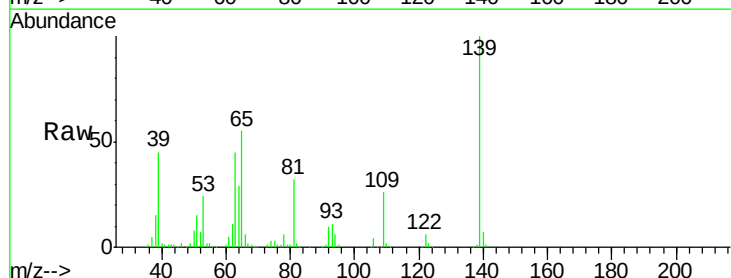
Tgt Ion: 139 Resp: 316084

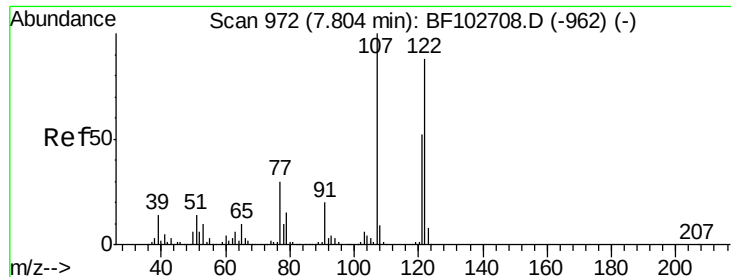
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 54.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 43.398 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

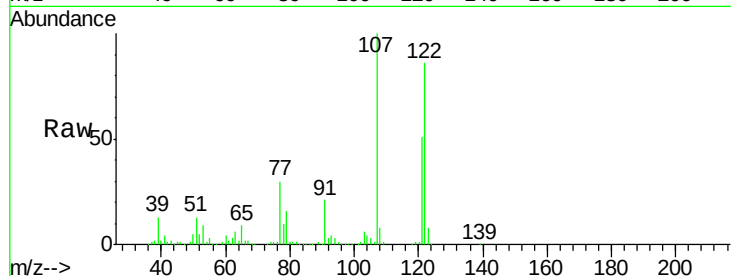
ClientSampleId :

TP-3MSD

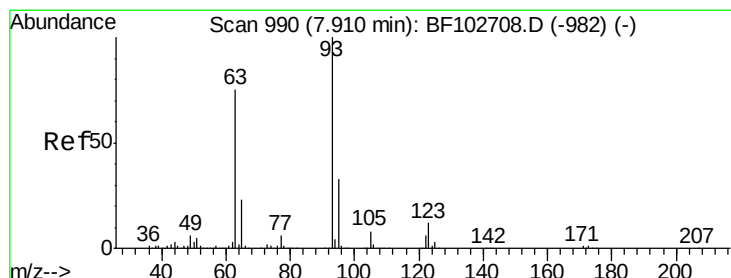
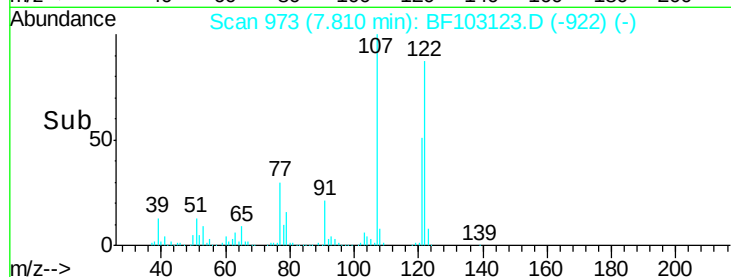
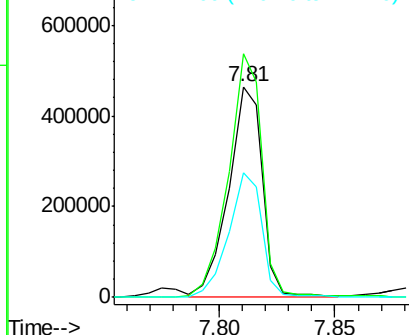
Tot Ion:	122	Resp:	473576
Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.2	136.8
121	59.0	47.2	70.8

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.153 ng

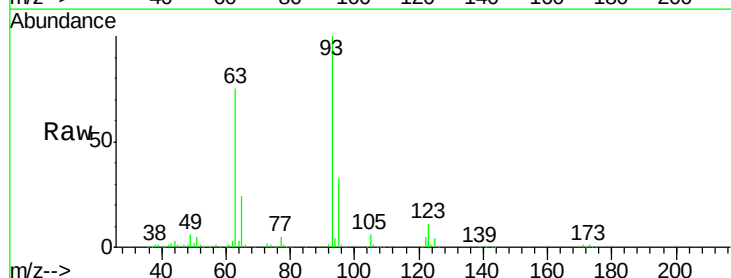
RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

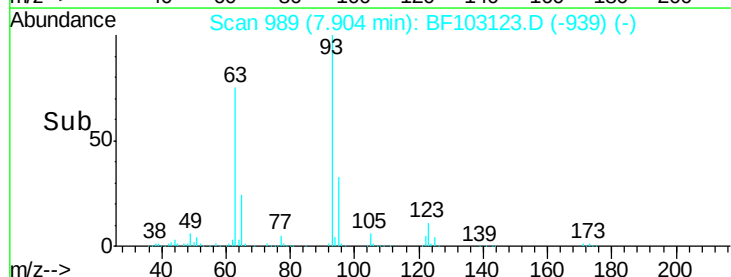
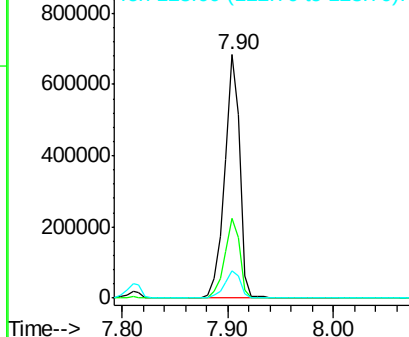
Lab File: BF103123.D

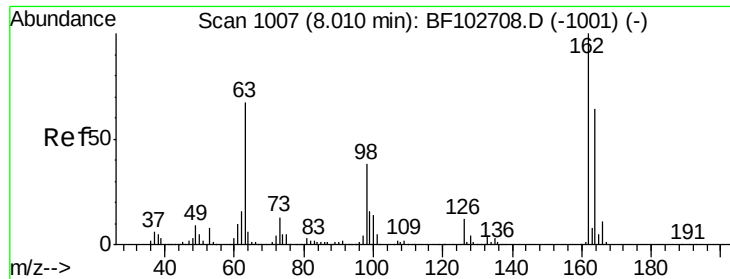
Acq: 20 Feb 2018 18:58

Tgt Ion:	93	Resp:	675583
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





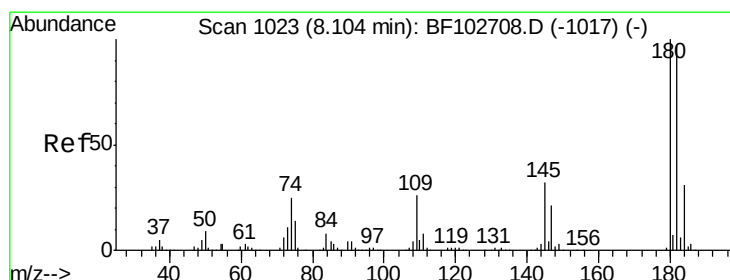
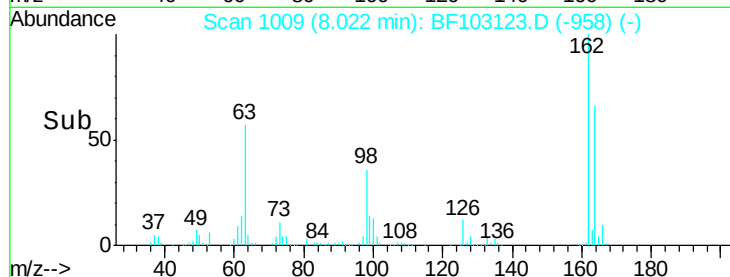
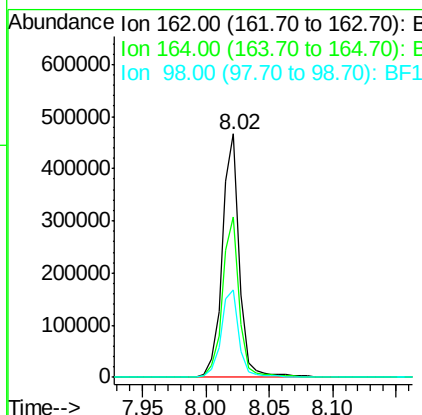
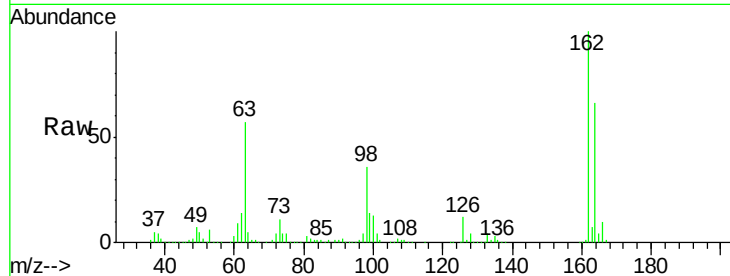
#29
 2,4-Dichlorophenol
 Concen: 44.268 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:	162	Resp:	439136
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.7	82.7
98	36.0	18.1	58.1

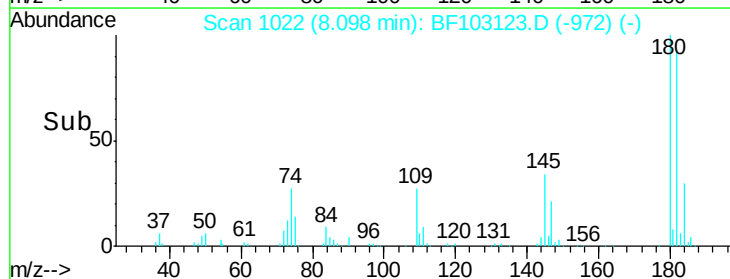
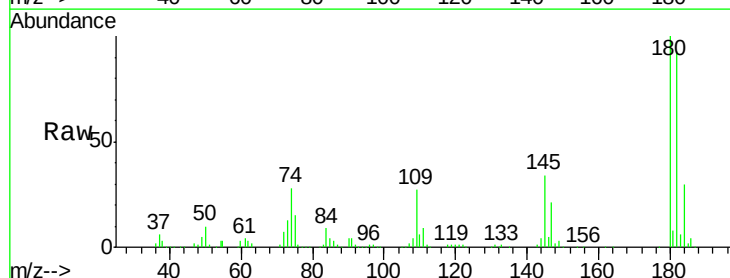
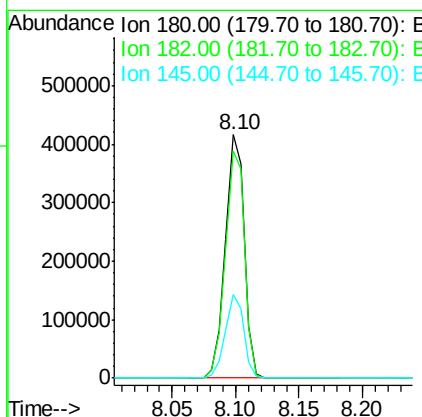
Manual Integrations
 APPROVED

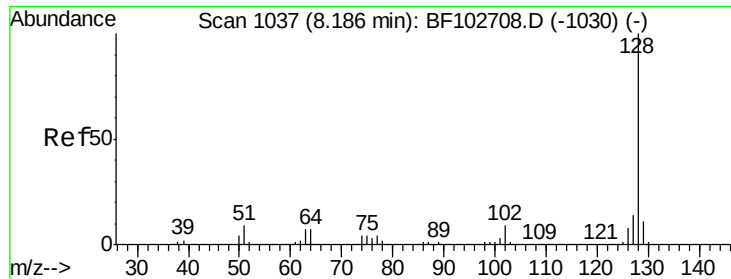
Sohil
 2/21/2018 10:10:35 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.327 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:	180	Resp:	430111
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.8	115.2
145	34.5	26.5	39.7





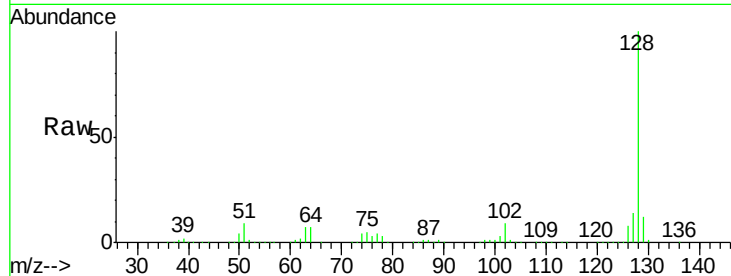
#31
Naphthalene
Concen: 38.684 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

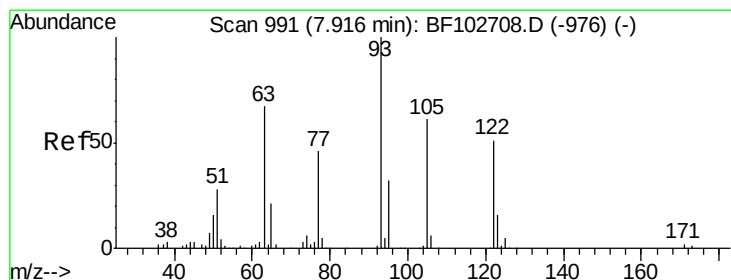
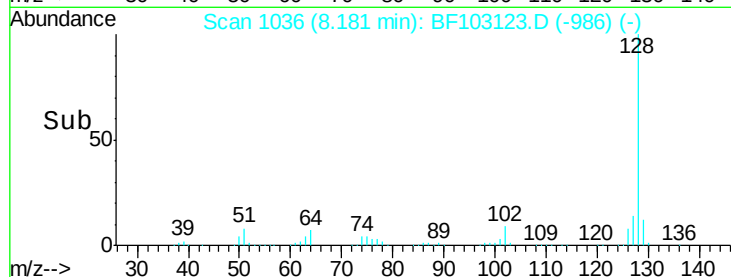
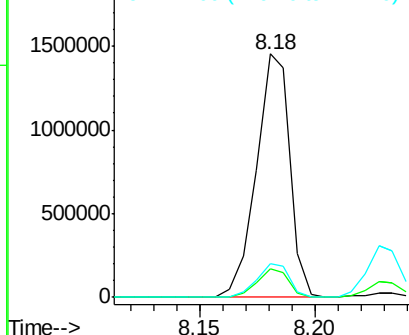
Tot Ion:128 Resp: 1470703
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.0 10.9 16.3

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM

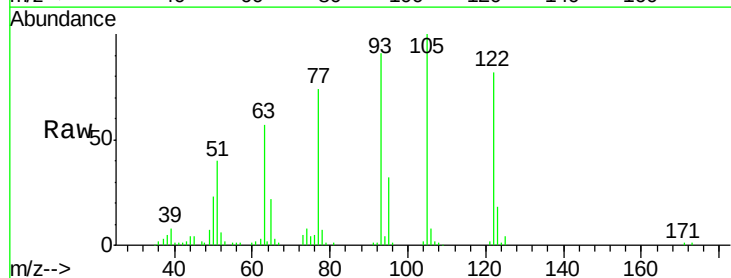


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

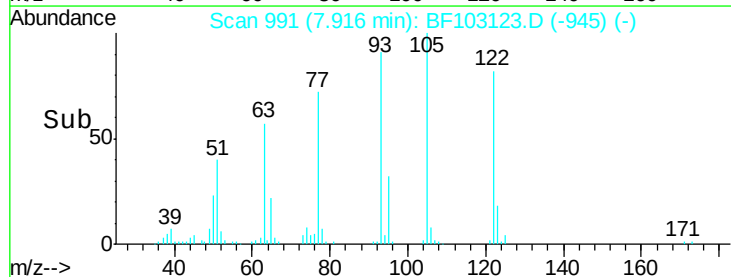
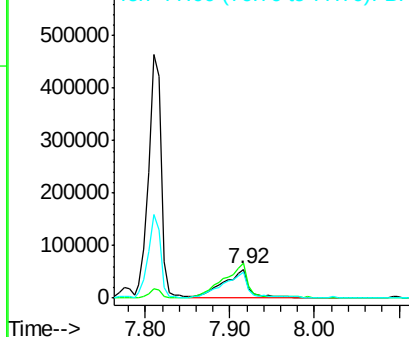


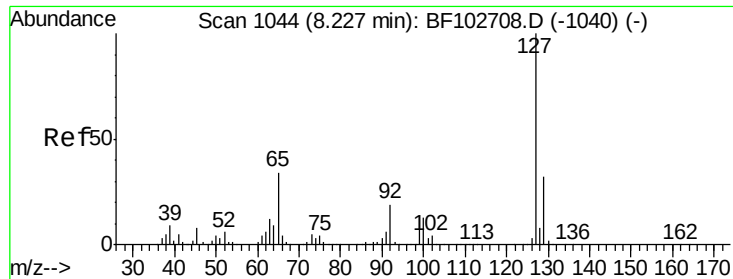
#32
Benzoic acid
Concen: 22.098 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:122 Resp: 114415
Ion Ratio Lower Upper
122 100
105 121.5 101.1 141.1
77 89.3 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





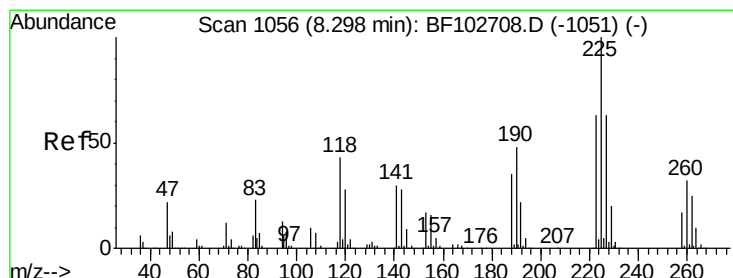
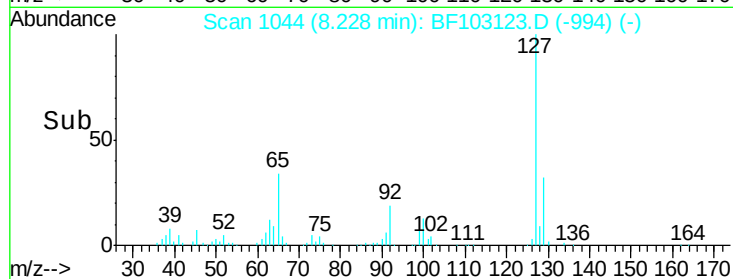
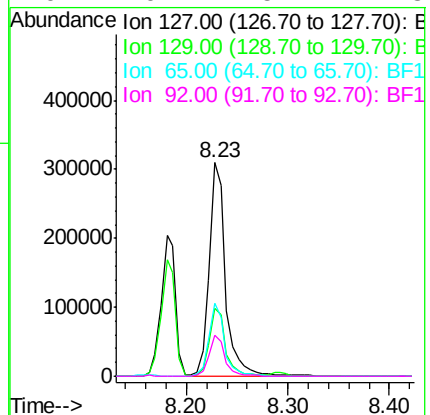
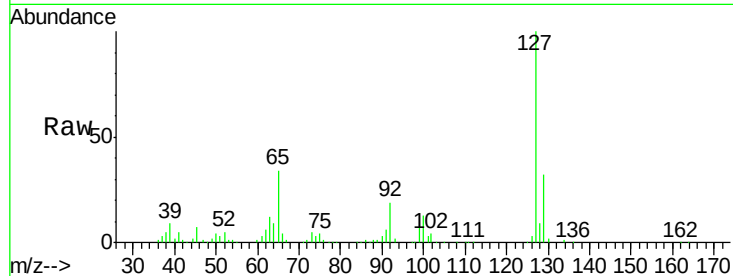
#33
4-Chloroaniline
Concen: 20.980 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	34.0	25.0	37.4	
92	19.2	15.2	22.8	

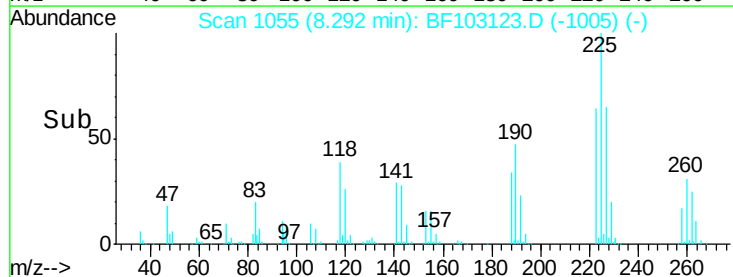
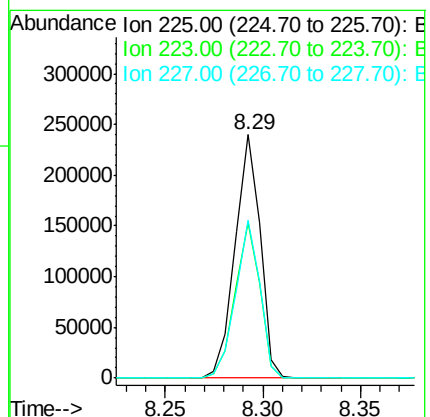
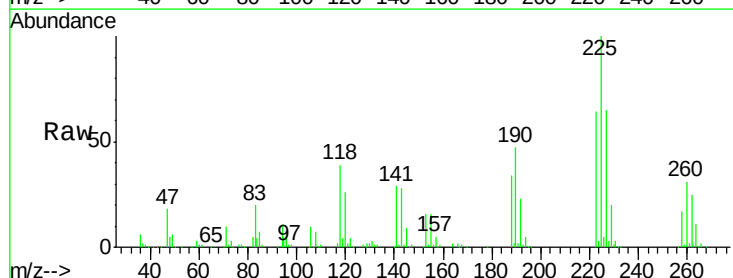
Manual Integrations
APPROVED

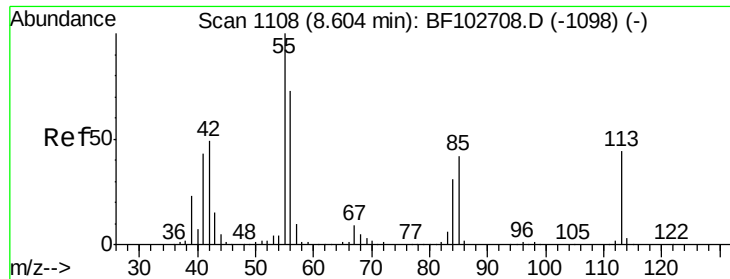
Sohil
2/21/2018 10:10:35 AM



#34
Hexachlorobutadiene
Concen: 37.349 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.6	76.0	
227	64.7	51.9	77.9	





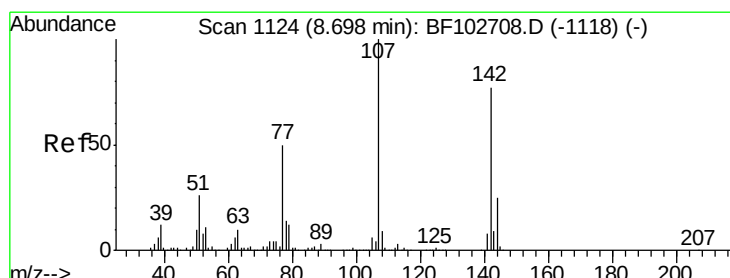
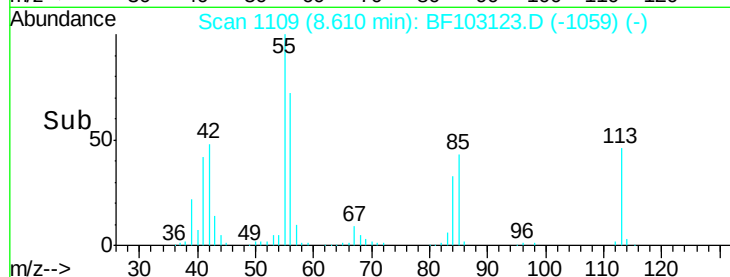
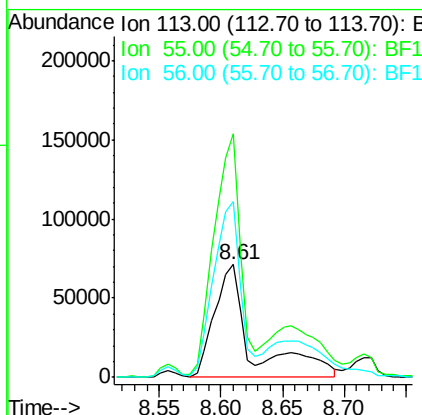
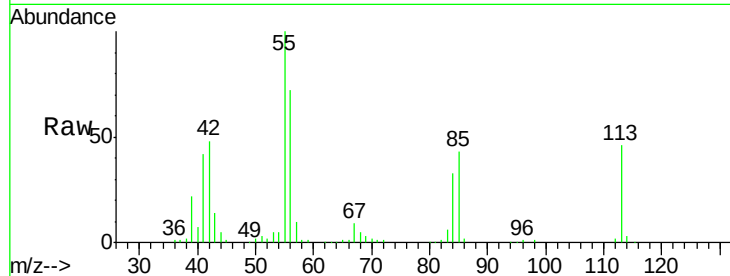
#35
Caprolactam
Concen: 43.972 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		151485		
55	215.5	163.3	203.3#		
56	155.3	115.7	155.7		

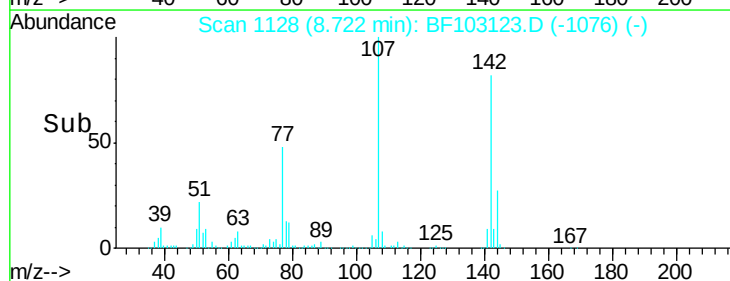
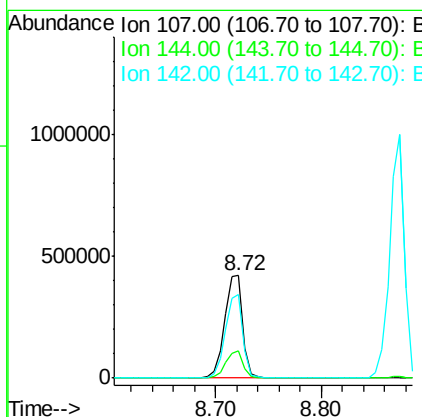
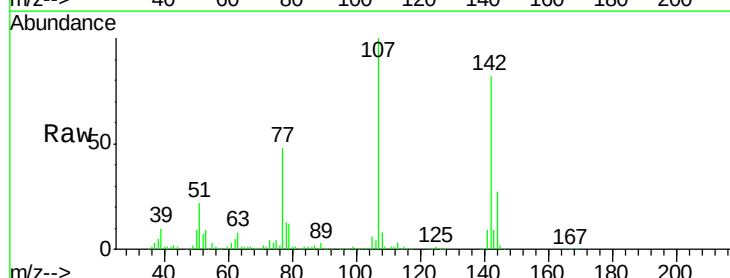
Manual Integrations
APPROVED

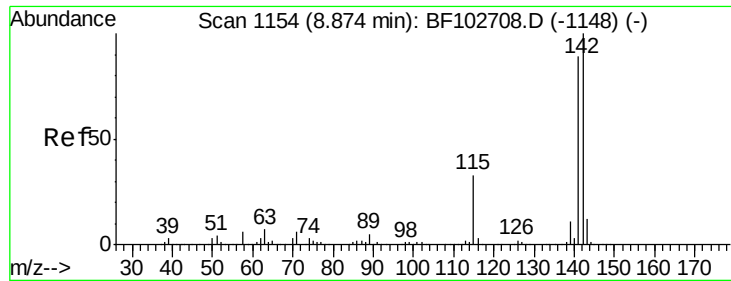
Sohil
2/21/2018 10:10:35 AM



#36
4-Chloro-3-methylphenol
Concen: 44.727 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		498515		
144	26.8	20.5	30.7		
142	82.0	62.0	93.0		





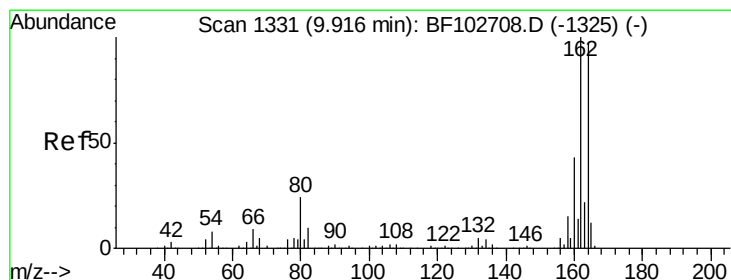
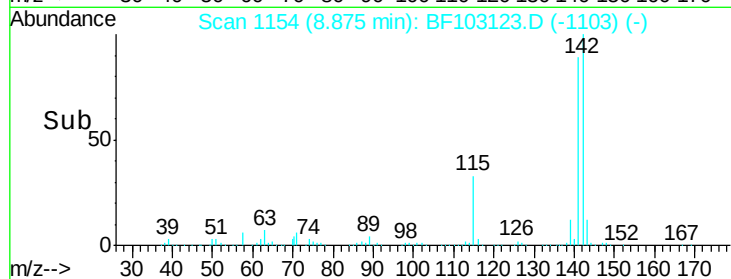
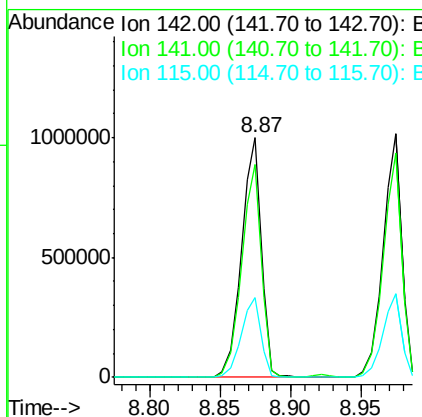
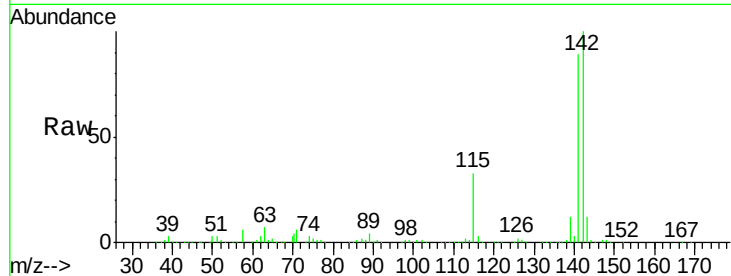
#37
2-Methylnaphthalene
Concen: 39.220 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.1	26.1	39.1

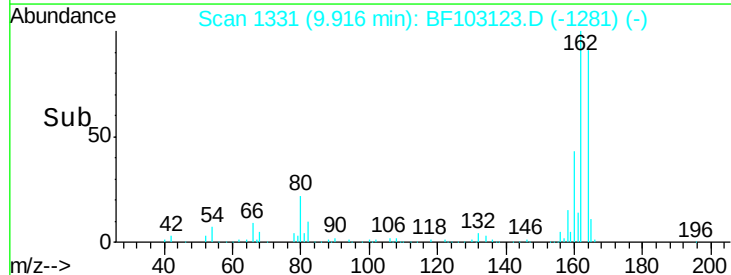
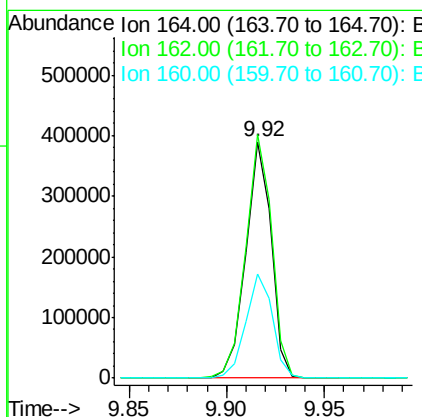
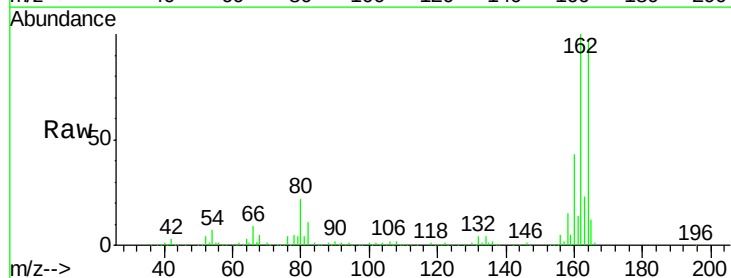
Manual Integrations
APPROVED

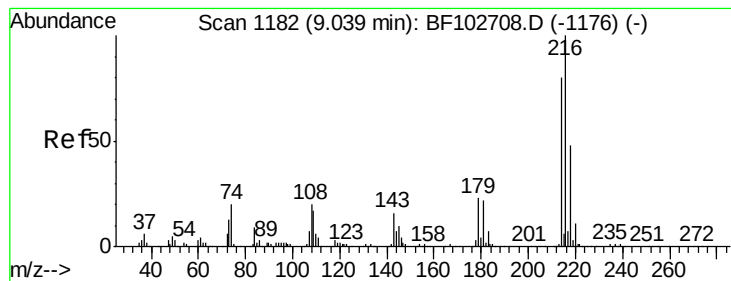
Sohil
2/21/2018 10:10:35 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.957 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

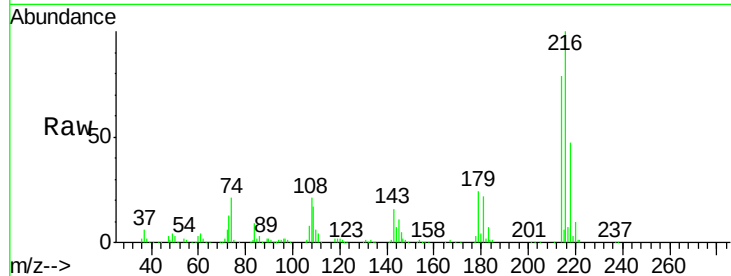
ClientSampled :

TP-3MSD

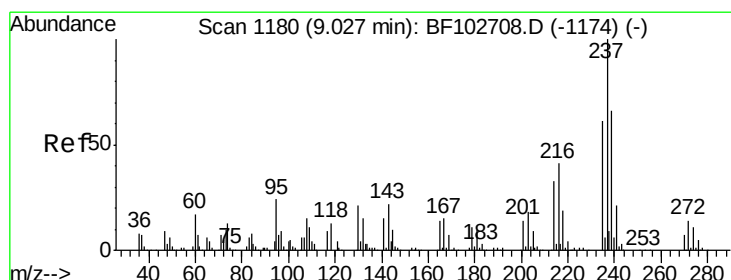
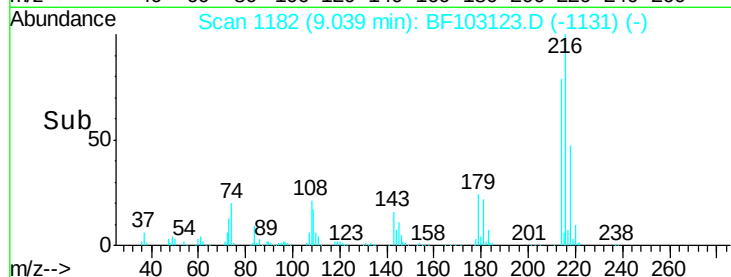
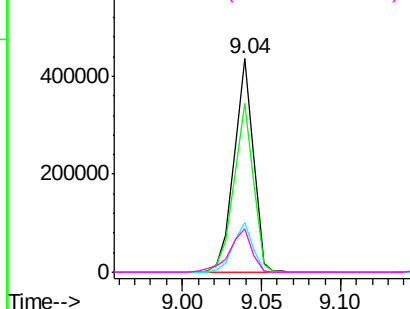
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		373129		
214	79.3		63.0	94.4	
179	23.5		18.1	27.1	
108	23.5		17.2	25.8	

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



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



#40

Hexachlorocyclopentadiene

Concen: 50.316 ng

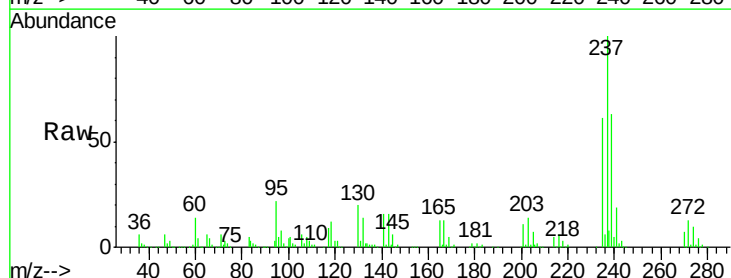
RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

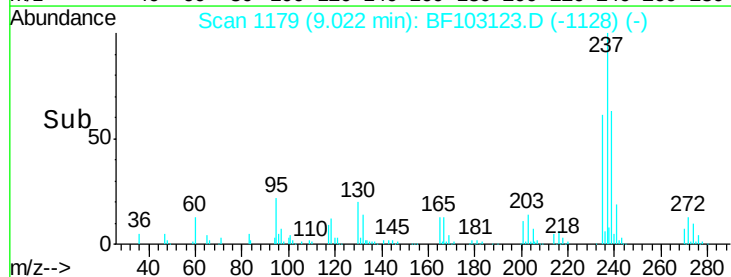
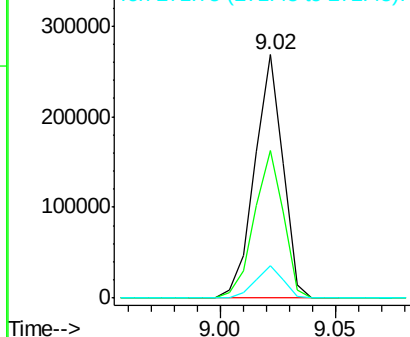
Lab File: BF103123.D

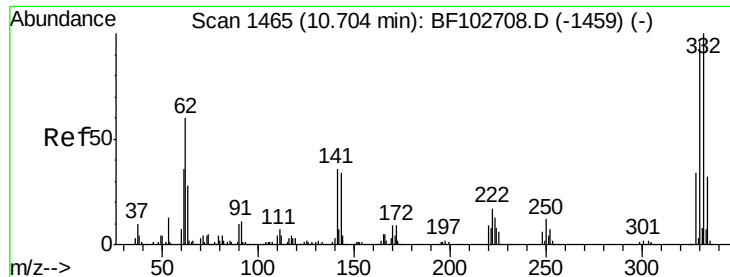
Acq: 20 Feb 2018 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		229100		
235	60.6		44.8	84.8	
272	13.5		0.0	33.3	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.807 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

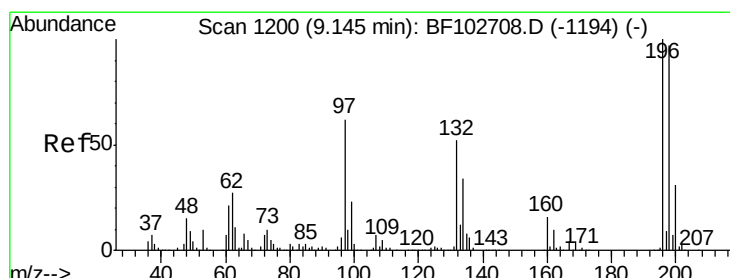
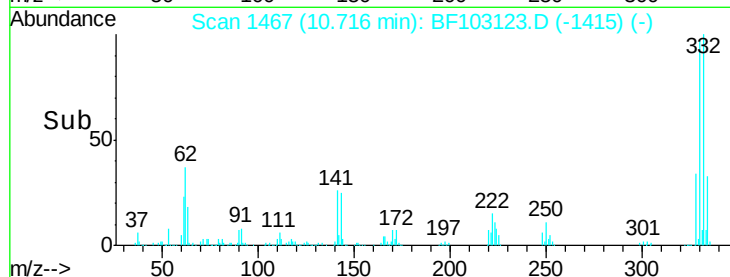
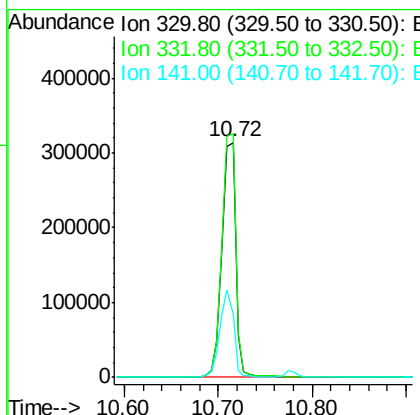
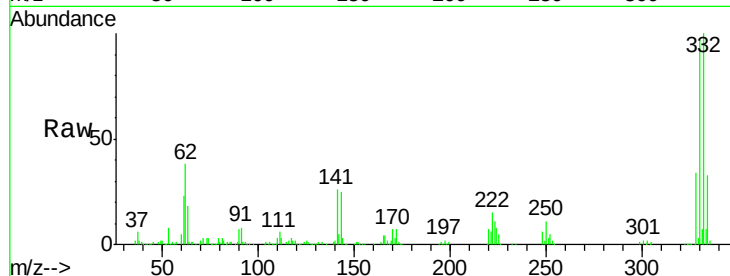
ClientSampled :

TP-3MSD

Tot Ion:	330	Resp:	330717
Ion Ratio	Lower	Upper	
330	100		
332	102.9	77.0	115.6
141	36.8	29.9	44.9

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#42

2,4,6-Trichlorophenol

Concen: 44.246 ng

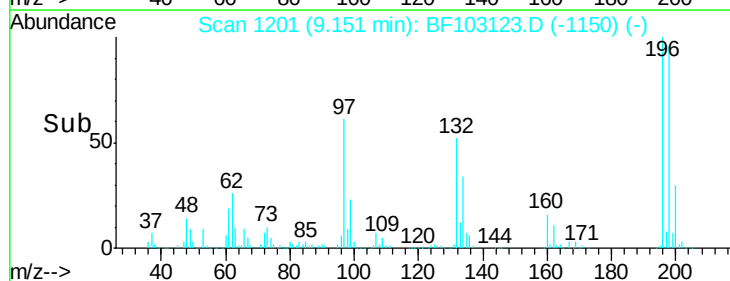
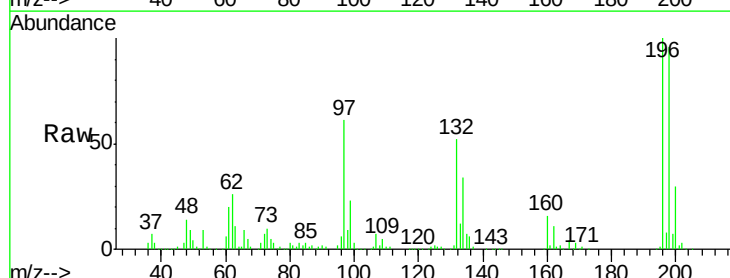
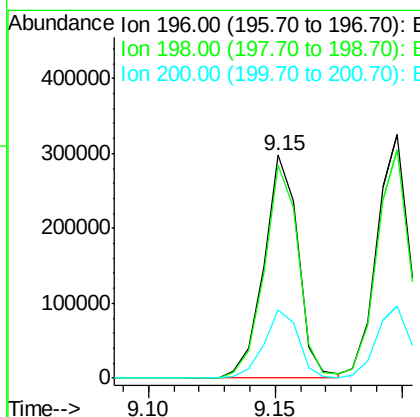
RT: 9.15 min Scan# 1201

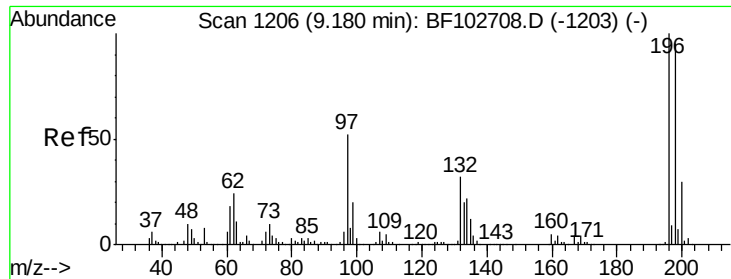
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	196	Resp:	278357
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
200	30.4	24.5	36.7





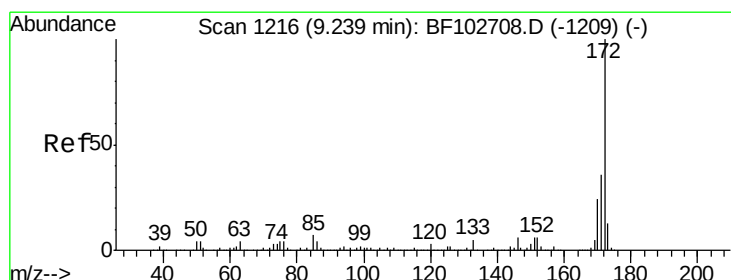
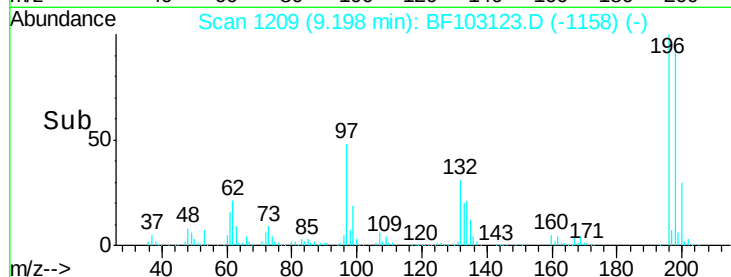
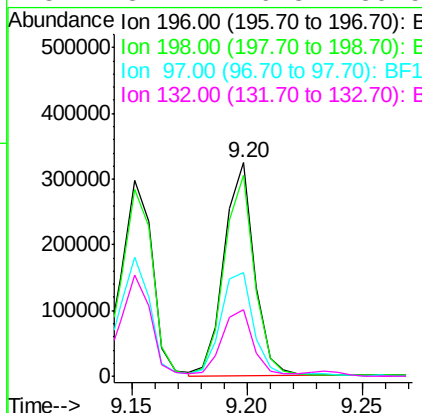
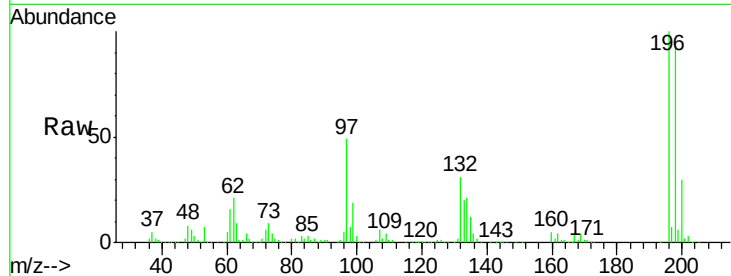
#43
2,4,5-Trichlorophenol
Concen: 41.651 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		295335		
198	94.0	74.6	112.0		
97	48.5	42.9	64.3		
132	31.1	26.3	39.5		

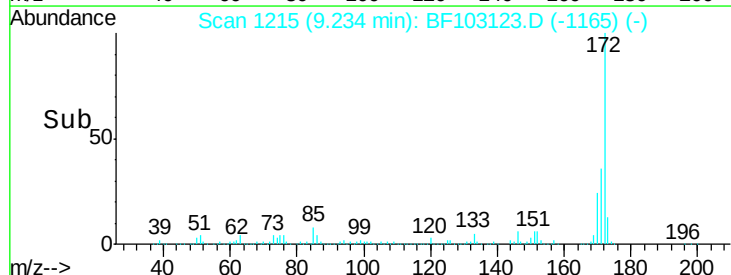
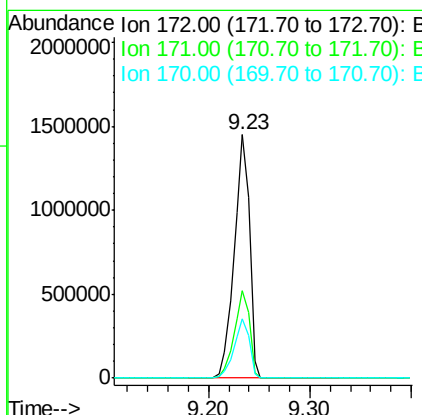
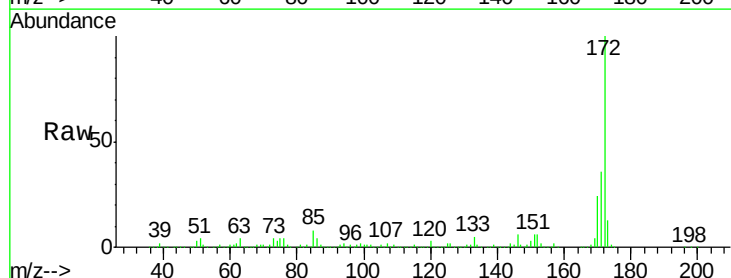
Manual Integrations
APPROVED

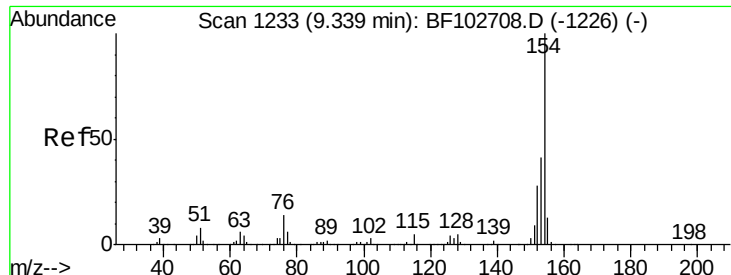
Sohil
2/21/2018 10:10:35 AM



#44
2-Fluorobiphenyl
Concen: 71.217 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1509735		
171	36.0	29.7	44.5		
170	24.3	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 37.352 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:154 Resp: 1106695

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

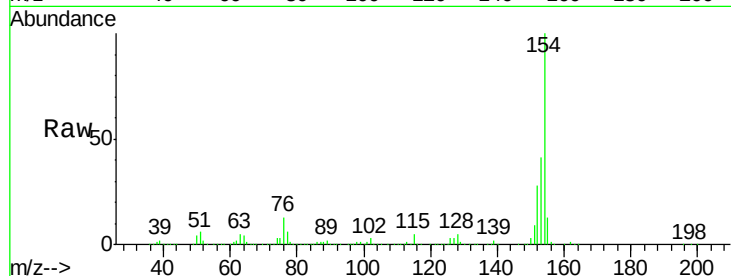
76 13.2 0.0 34.0

Manual Integrations

APPROVED

Sohil

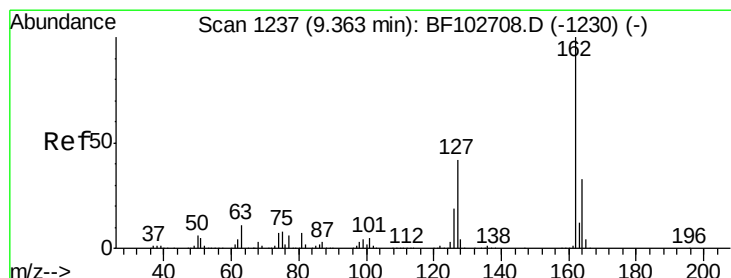
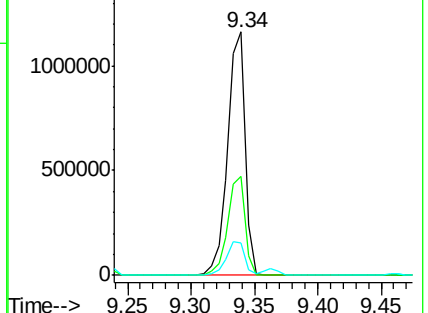
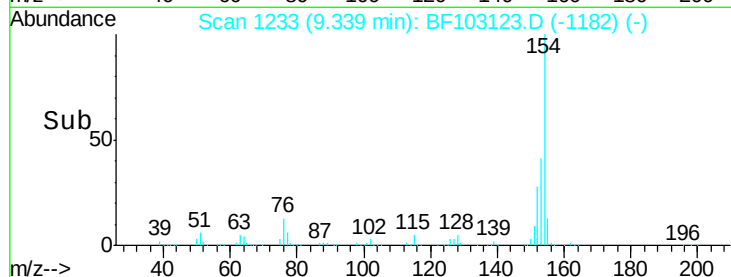
2/21/2018 10:10:35 AM



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: 38.562 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

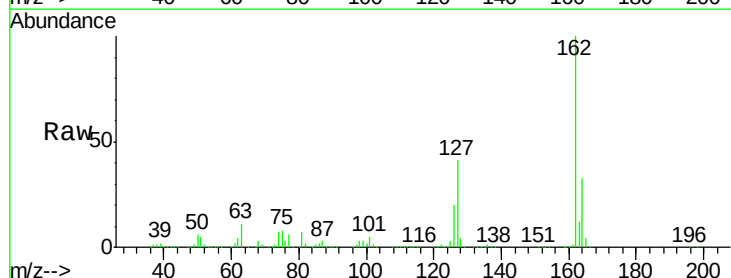
Tgt Ion:162 Resp: 899475

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

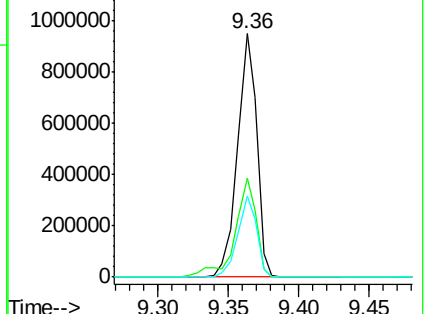
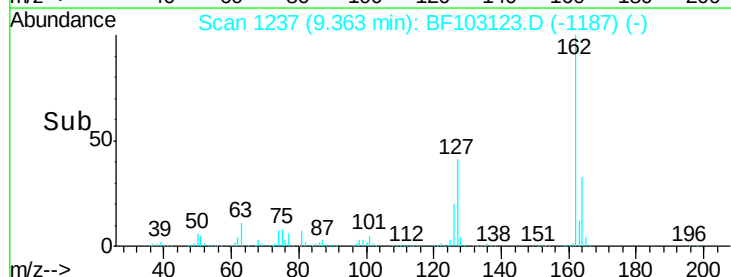
164 33.1 26.5 39.7

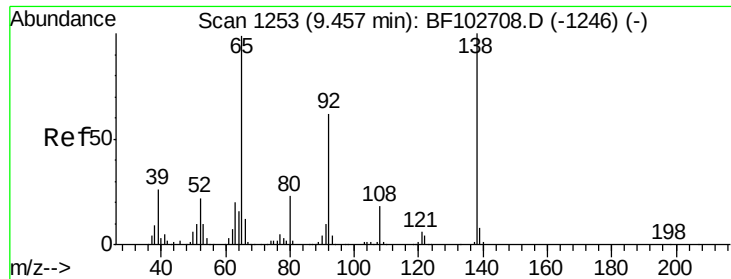


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.602 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

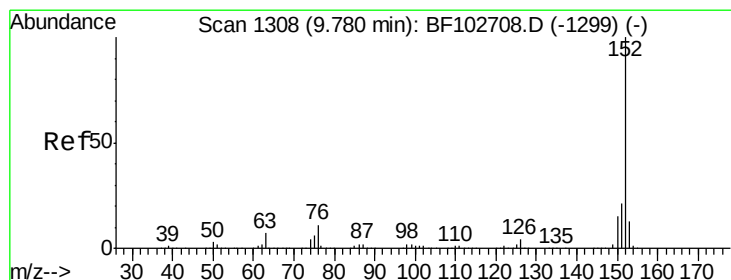
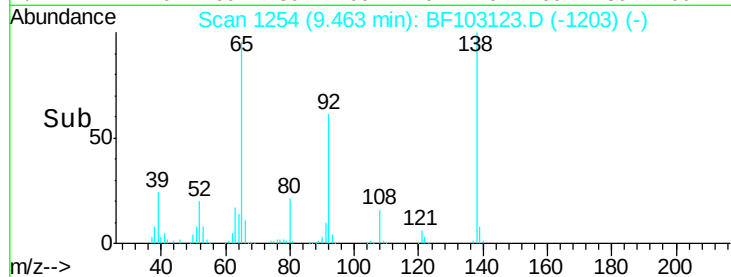
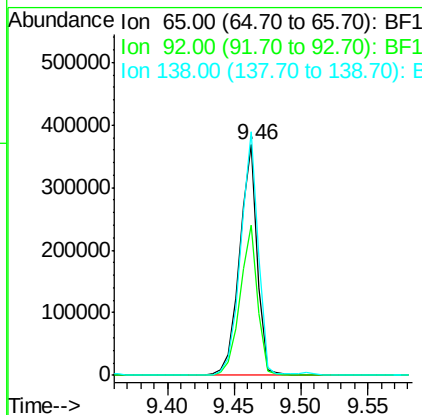
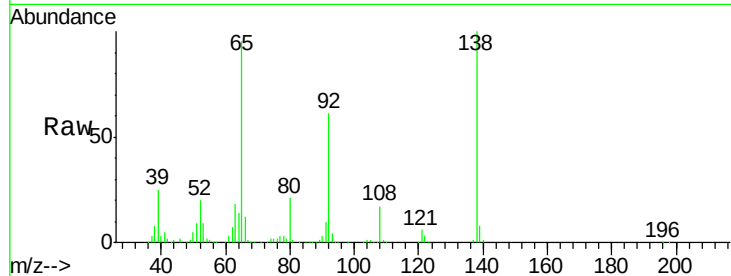
ClientSampled :

TP-3MSD

Tot Ion:	65	Resp:	342401
Ion Ratio	Lower	Upper	
65	100		
92	64.9	55.8	83.6
138	105.5	91.2	136.8

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#48

Acenaphthylene

Concen: 37.149 ng

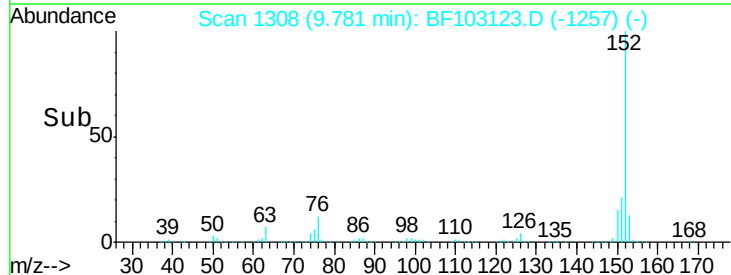
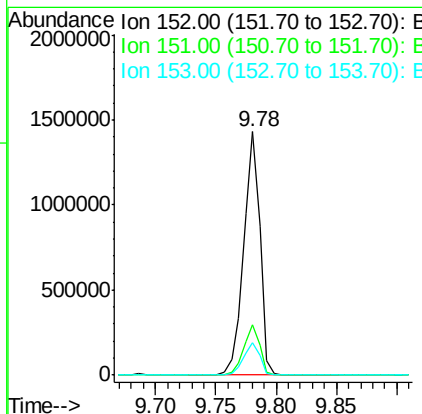
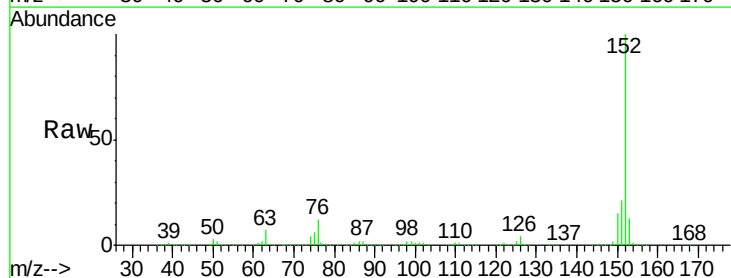
RT: 9.78 min Scan# 1308

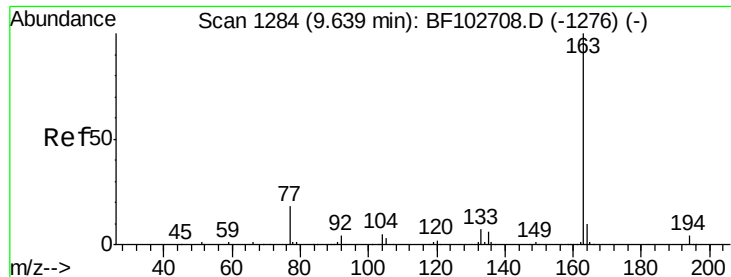
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	152	Resp:	1345871
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





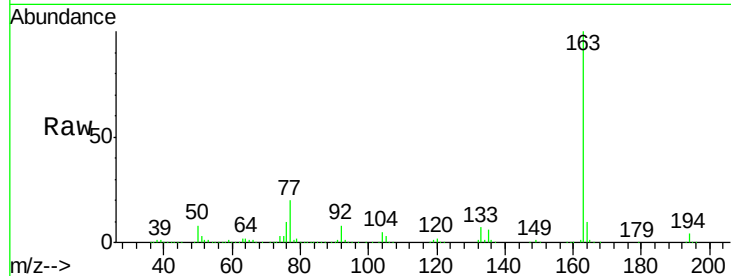
#49
Dimethylphthalate
Concen: 44.805 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampled :
TP-3MSD

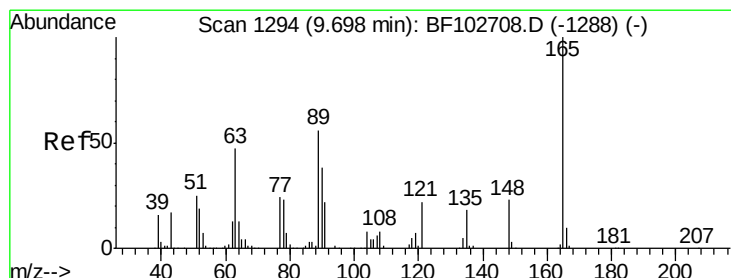
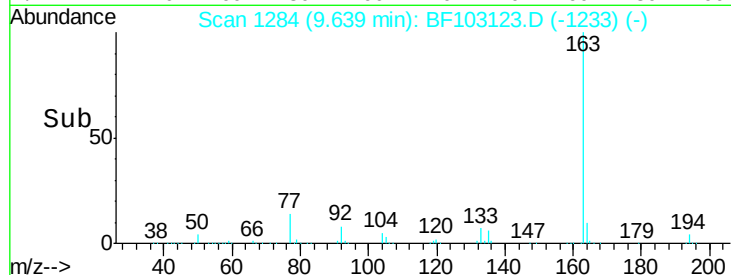
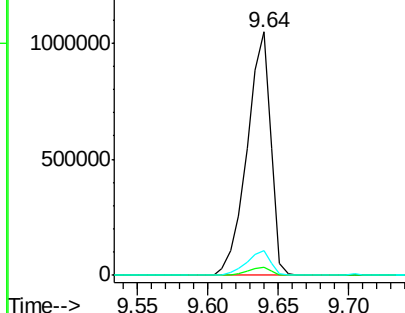
Tot Ion:	163	Resp:	1228908
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



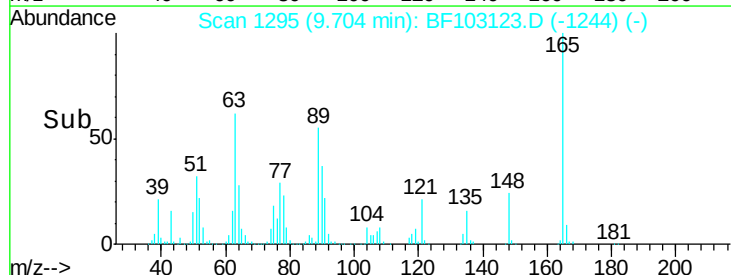
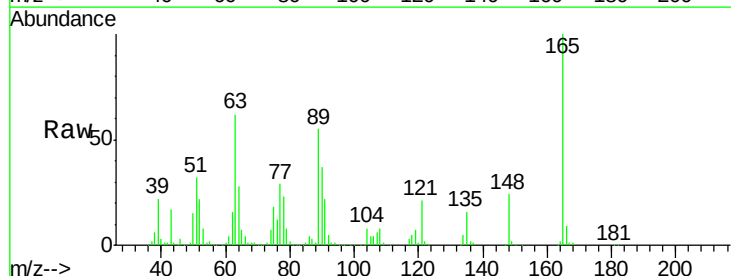
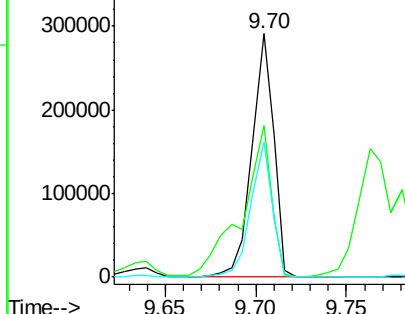
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

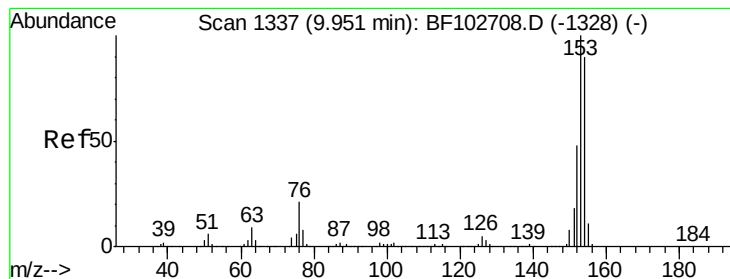


#50
2,6-Dinitrotoluene
Concen: 46.811 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion:	165	Resp:	244269
Ion	Ratio	Lower	Upper
165	100		
63	62.2	44.7	67.1
89	55.5	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: 35.644 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

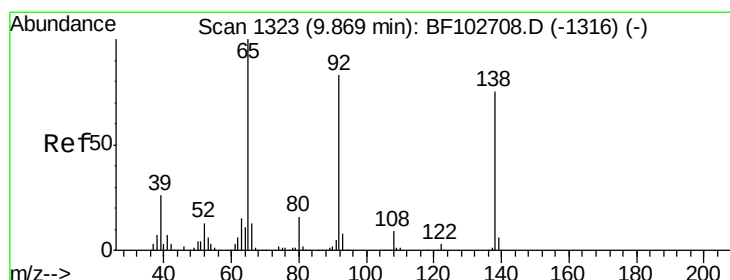
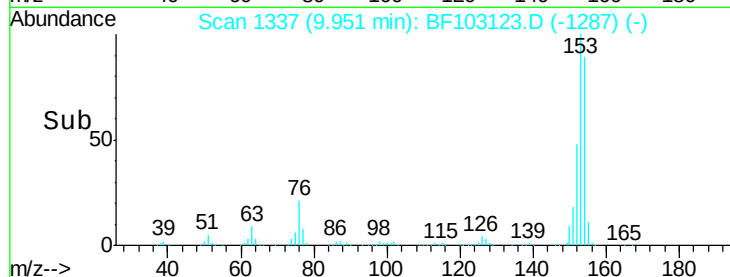
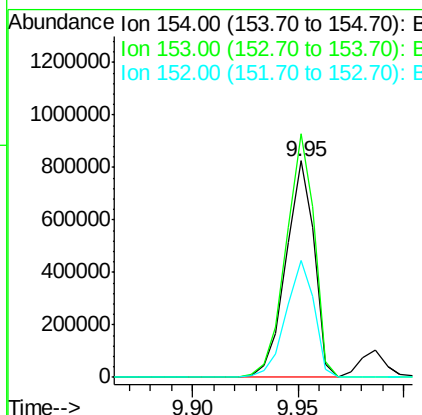
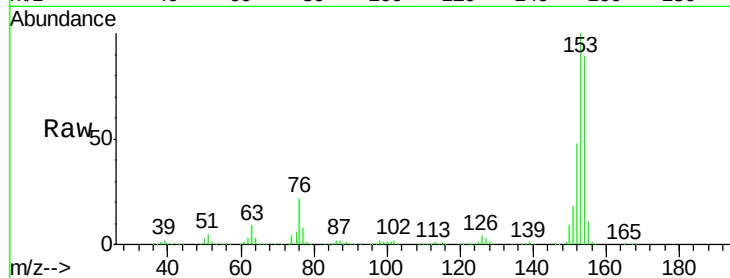
ClientSampleId :

TP-3MSD

Tot Ion:	154	Resp:	772248
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.1	43.8	65.8

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#52

3-Nitroaniline

Concen: 33.662 ng

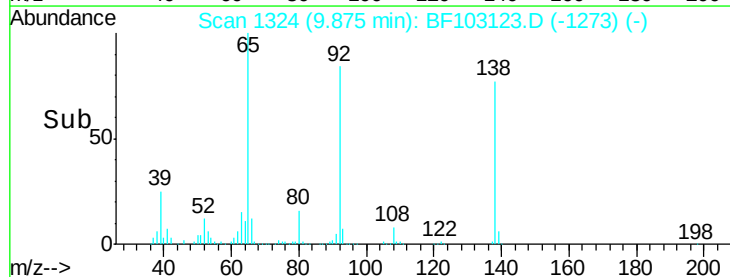
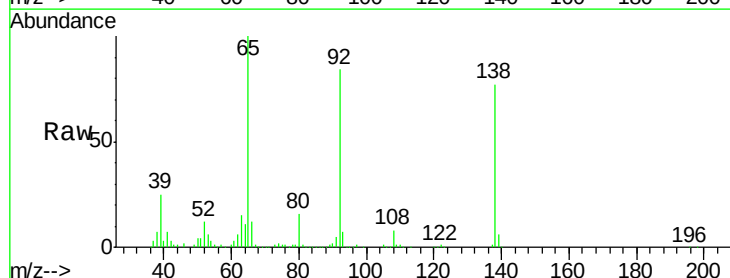
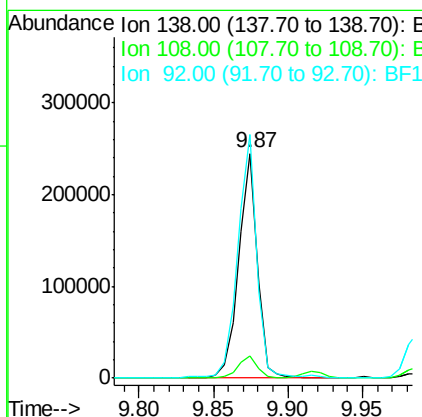
RT: 9.87 min Scan# 1324

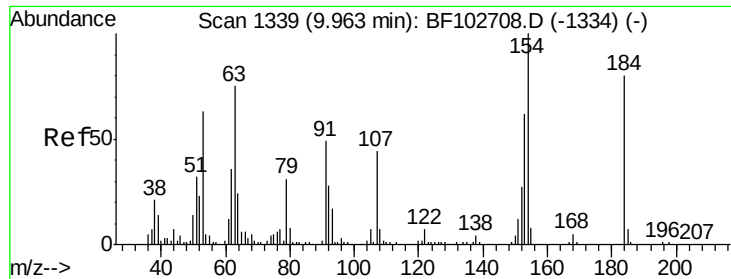
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	138	Resp:	216133
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	108.4	89.4	134.2





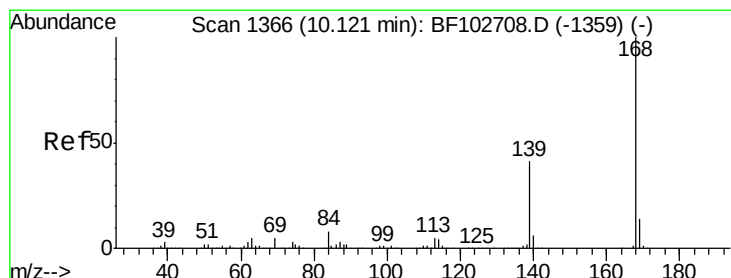
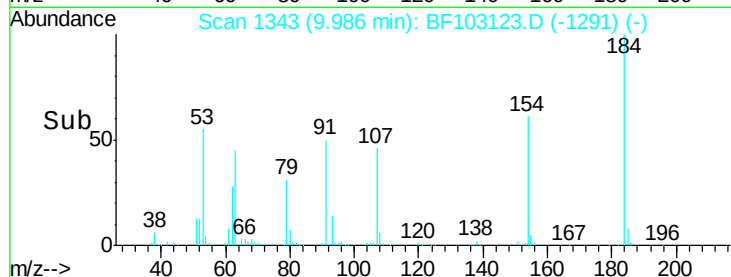
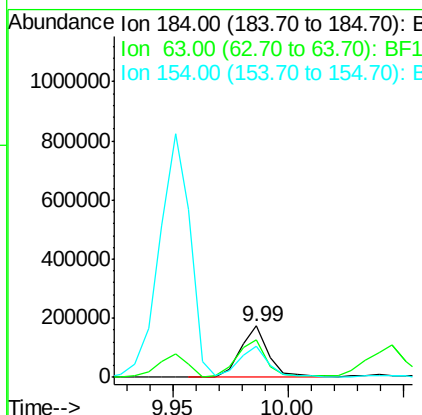
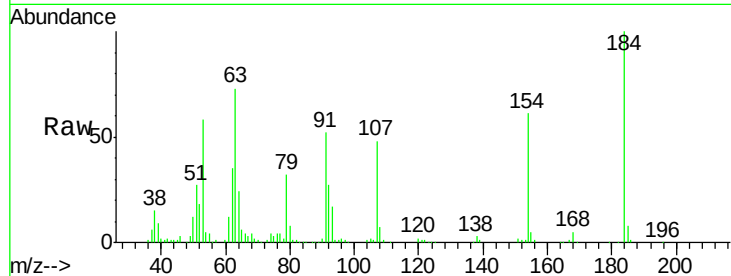
#53
2,4-Dinitrophenol
Concen: 82.889 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampled :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.9	54.2	81.2
154	61.2	184.0	276.0#

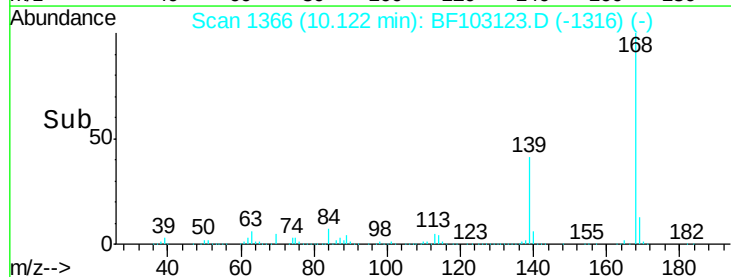
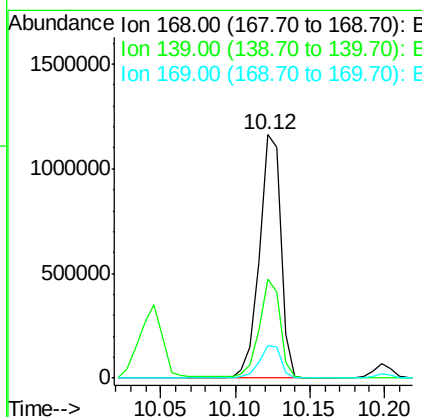
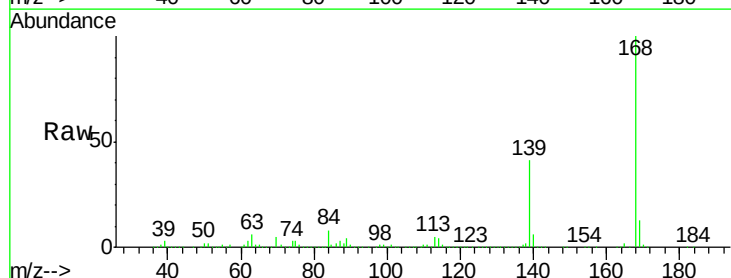
Manual Integrations
APPROVED

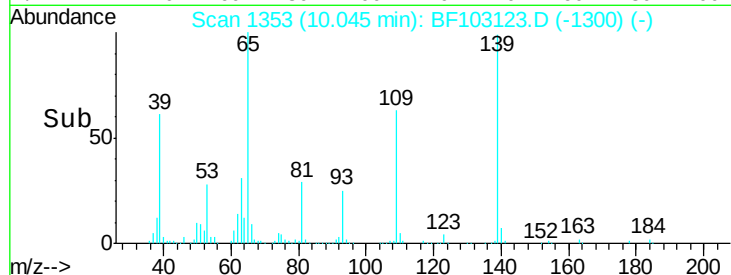
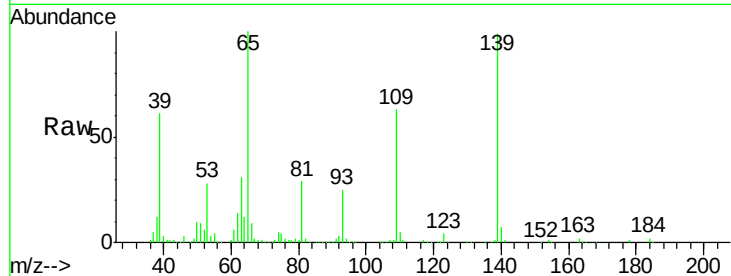
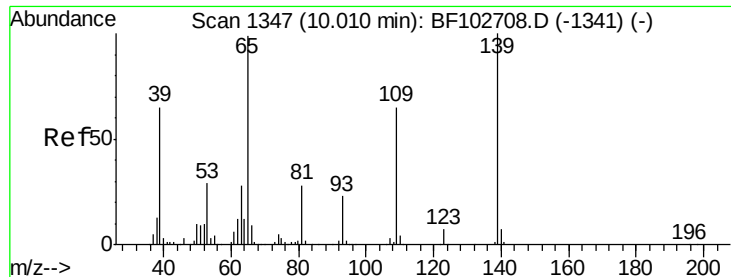
Sohil
2/21/2018 10:10:35 AM



#54
Dibenzofuran
Concen: 37.493 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.1	45.1
169	13.5	10.9	16.3





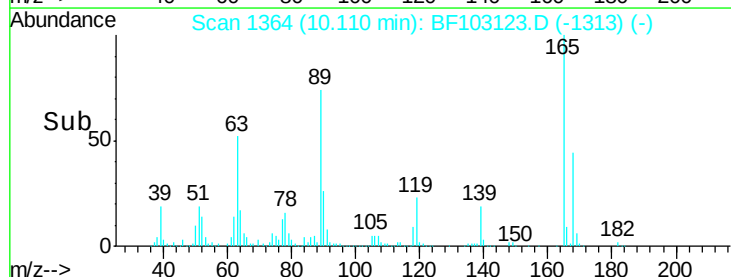
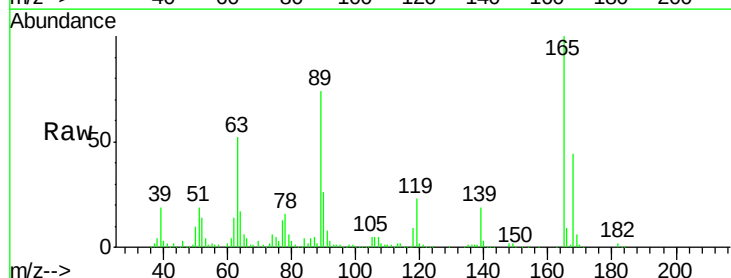
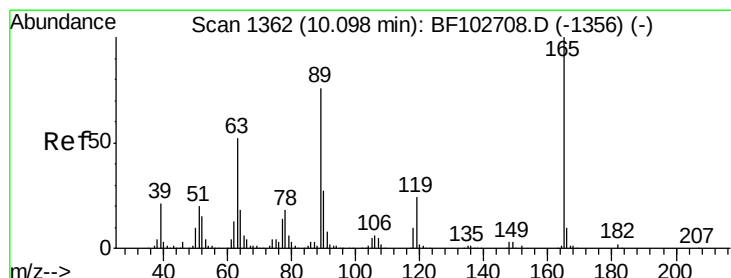
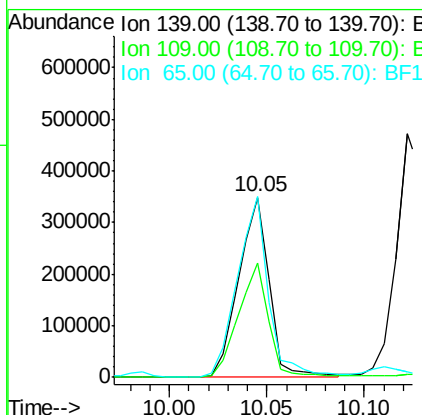
#55
4-Nitrophenol
Concen: 72.247 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	379046		
109	63.3	48.4	88.4	
65	100.6	72.6	112.6	

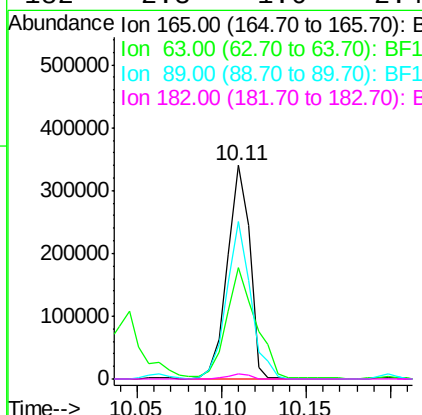
Manual Integrations
APPROVED

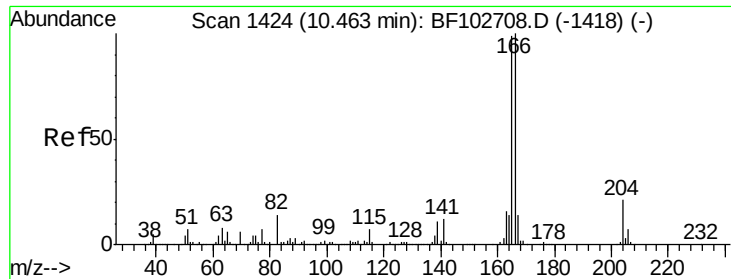
Sohil
2/21/2018 10:10:35 AM



#56
2,4-Dinitrotoluene
Concen: 45.176 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	314812		
63	52.0	36.4	54.6	
89	73.9	57.8	86.6	
182	2.3	1.6	2.4	





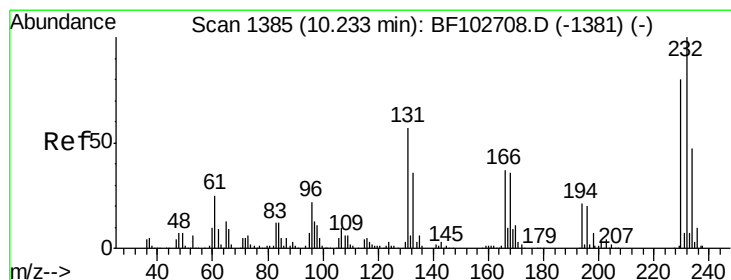
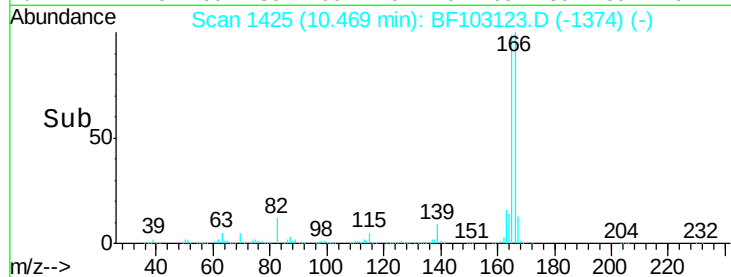
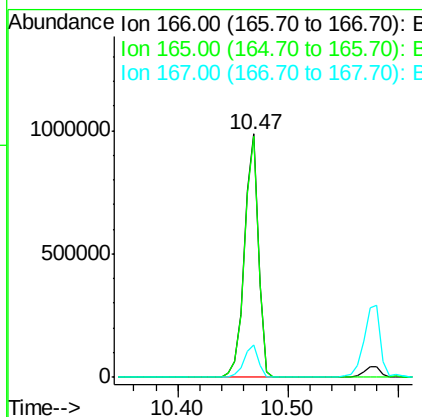
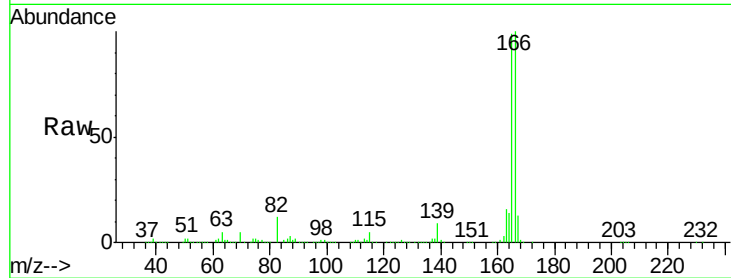
#57
 Fluorene
 Concen: 39.651 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampled :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	13.3	10.6	16.0

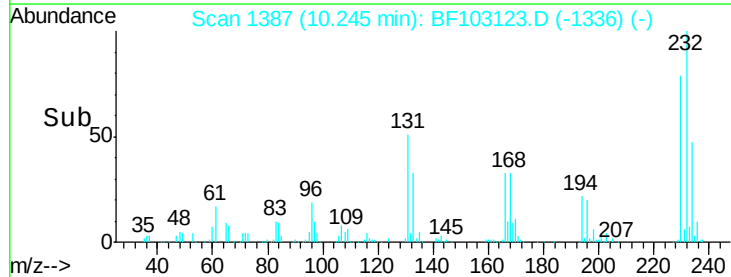
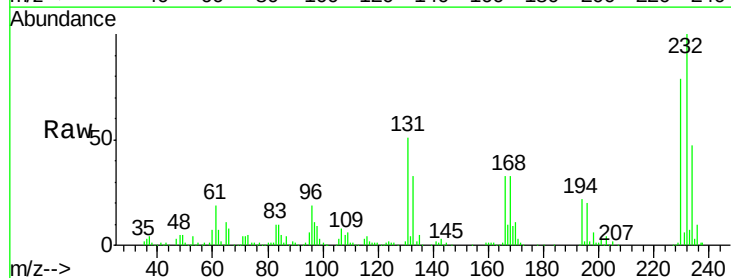
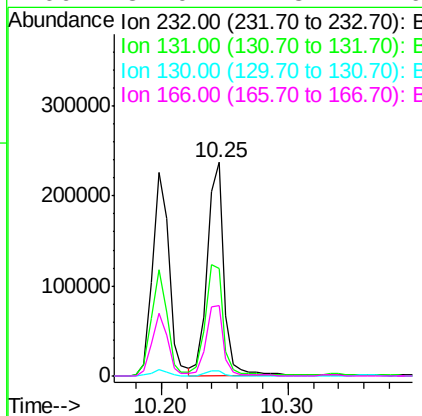
Manual Integrations
 APPROVED

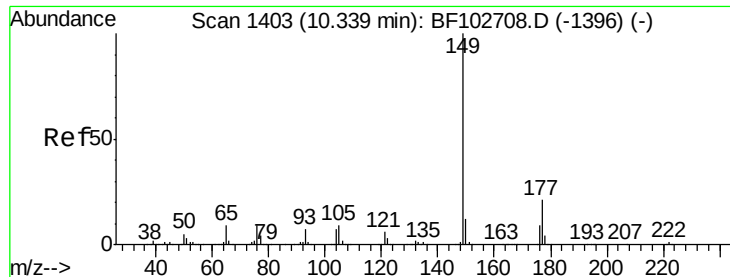
Sohil
 2/21/2018 10:10:35 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.723 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.1	43.8	65.8
130	2.5	2.1	3.1
166	34.0	27.8	41.6





#59

Diethylphthalate

Concen: 37.901 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

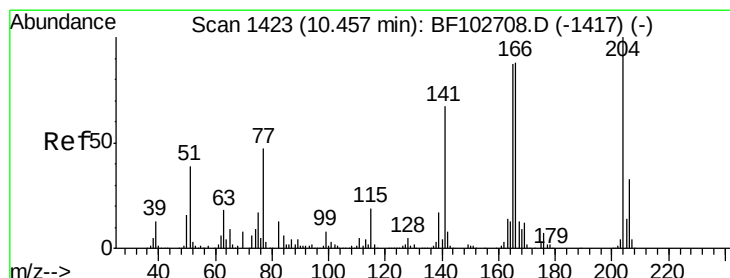
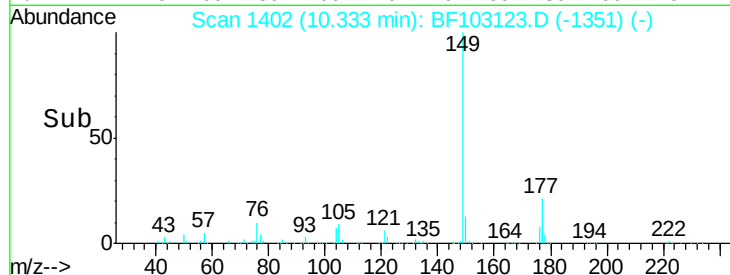
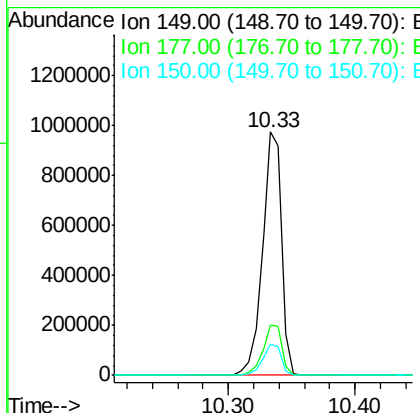
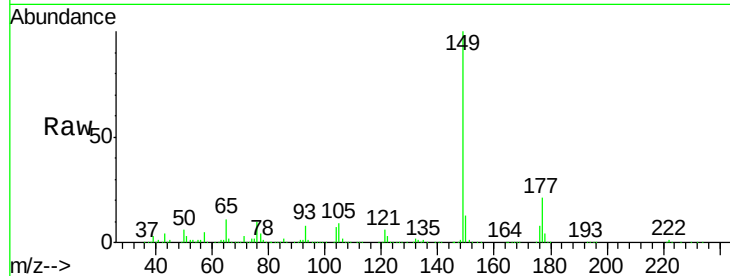
ClientSampled :

TP-3MSD

Tot Ion:149 Resp: 1026454
 Ion Ratio Lower Upper
 149 100
 177 20.8 16.1 24.1
 150 12.6 10.1 15.1

Manual Integrations
 APPROVED

Sohil
 2/21/2018 10:10:35 AM



#60

4-Chlorophenyl-phenylether

Concen: 40.086 ng

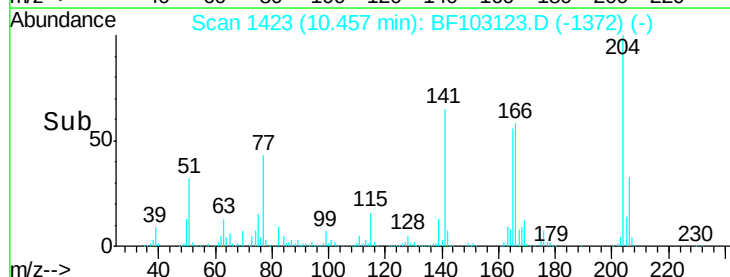
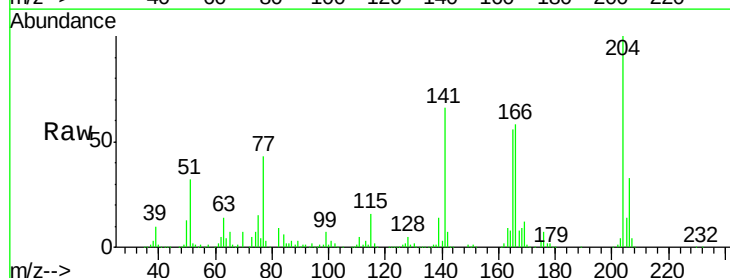
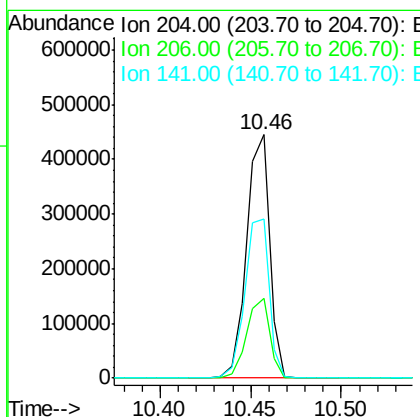
RT: 10.46 min Scan# 1423

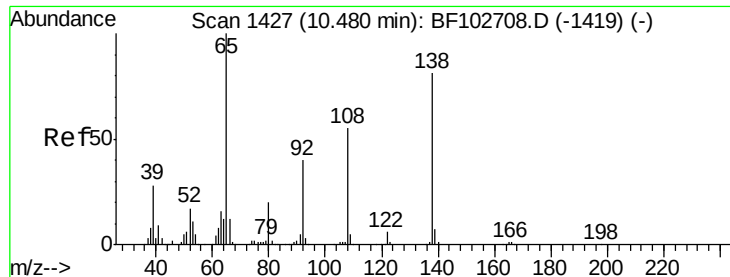
Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:204 Resp: 393939
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 65.5 54.6 81.8





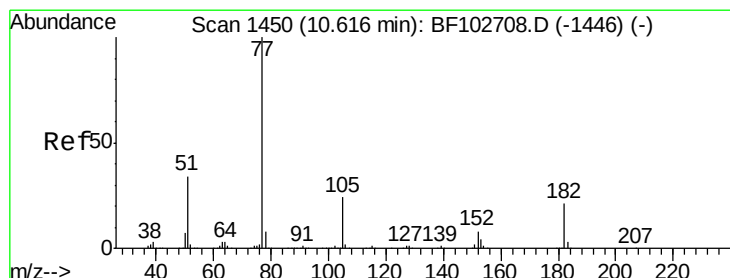
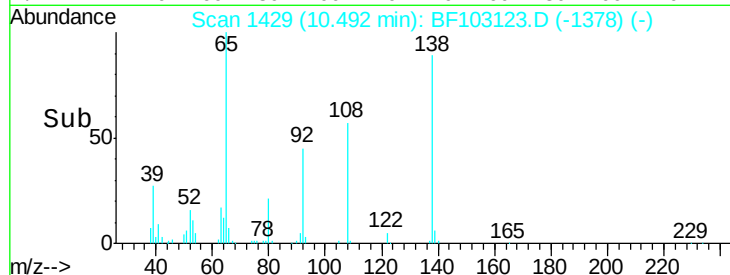
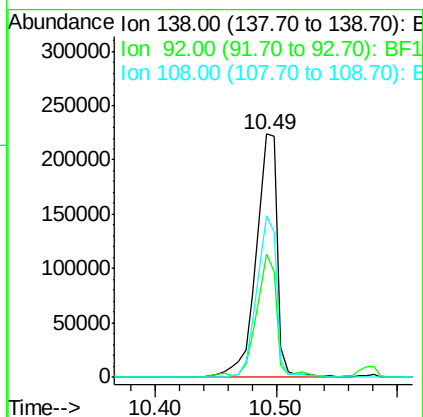
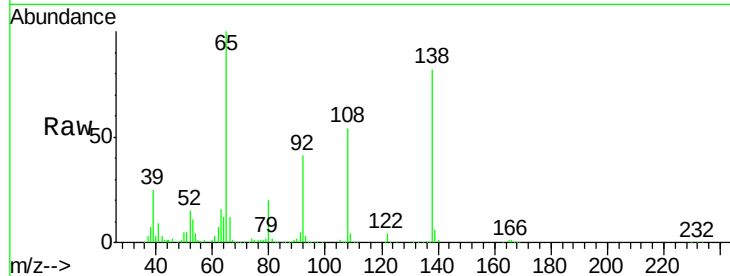
#61
4-Nitroaniline
Concen: 45.214 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.2	70.2
108	66.7	52.5	92.5

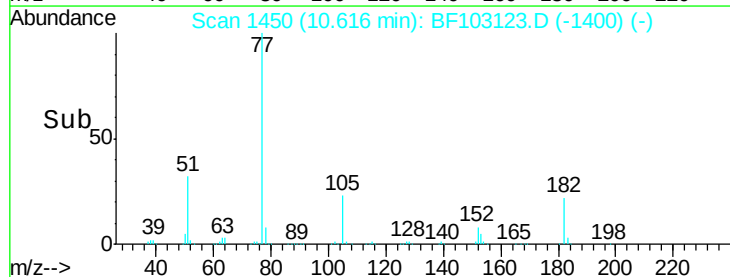
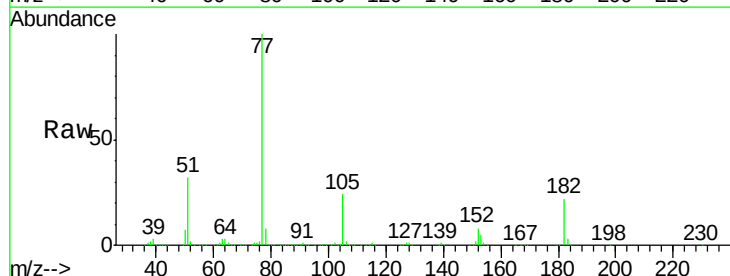
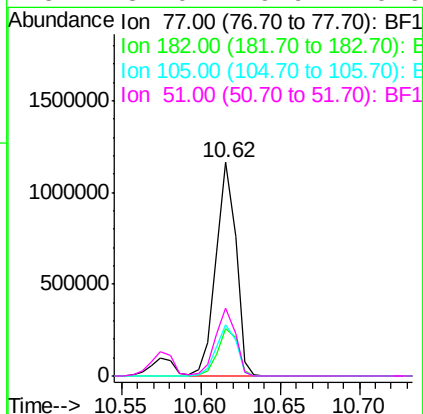
Manual Integrations
APPROVED

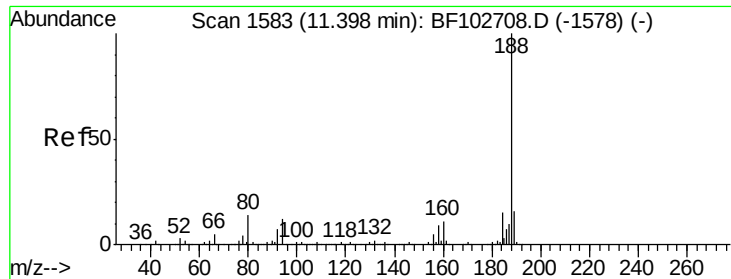
Sohil
2/21/2018 10:10:35 AM



#62
Azobenzene
Concen: 37.945 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	1.7	41.7
105	24.1	3.0	43.0
51	32.0	9.9	49.9





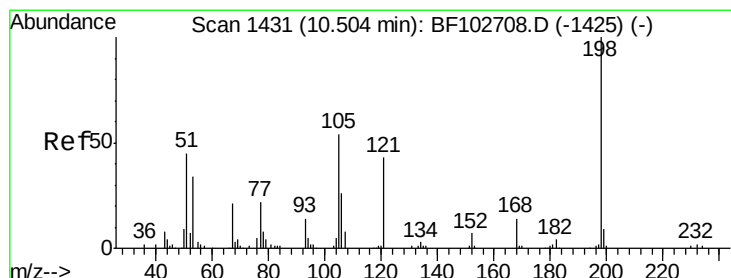
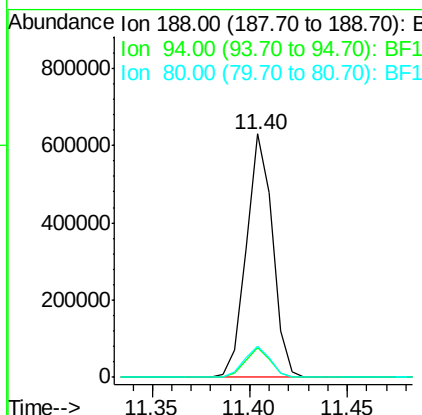
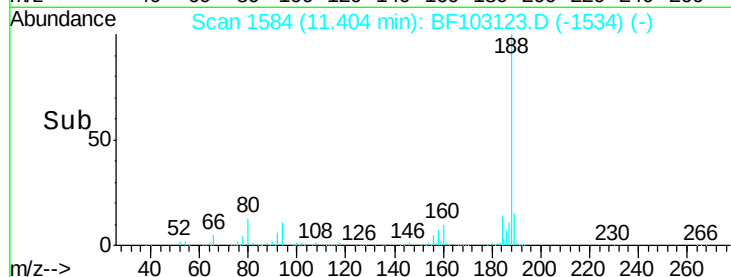
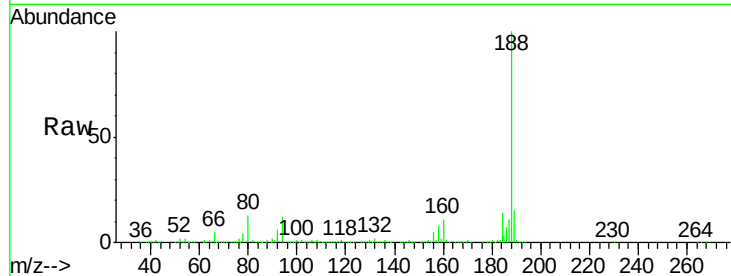
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.1	8.5	12.7
80	12.9	9.2	13.8

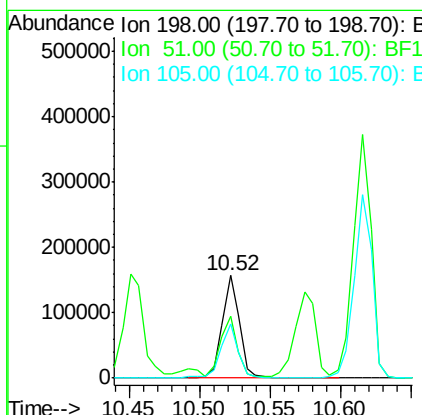
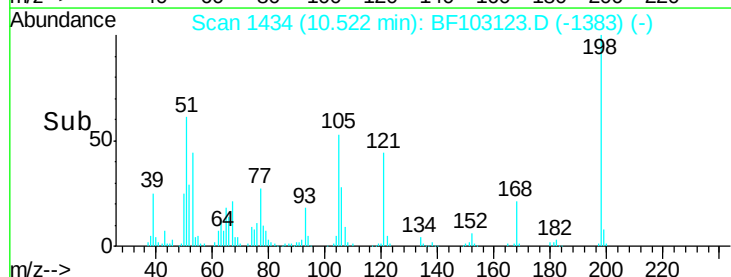
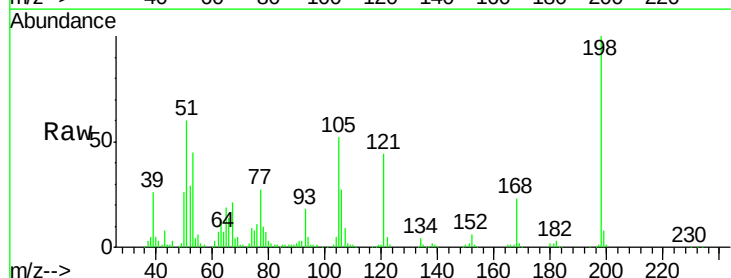
Manual Integrations
APPROVED

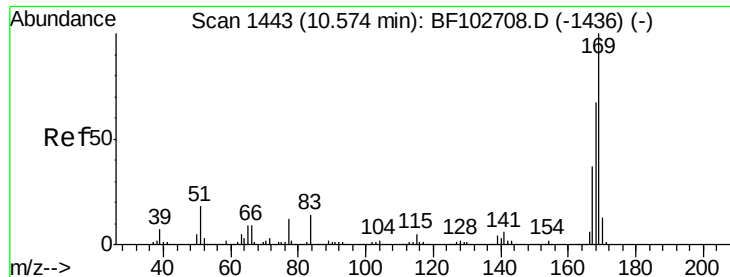
Sohil
2/21/2018 10:10:35 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 52.801 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.3	37.7	77.7
105	52.4	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 39.445 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

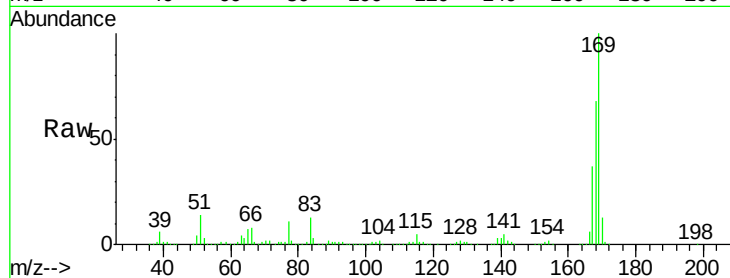
ClientSampleId :

TP-3MSD

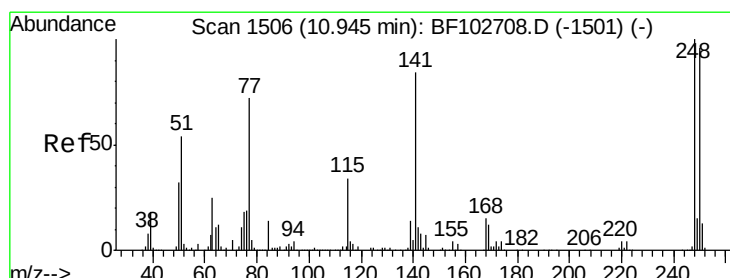
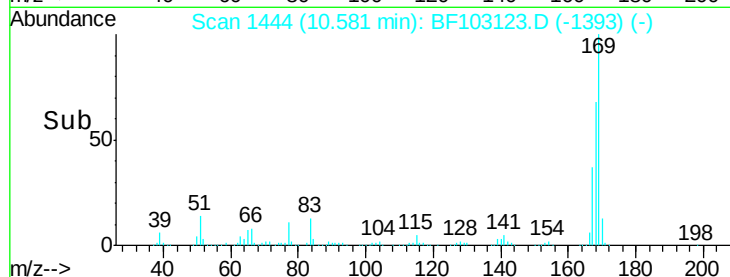
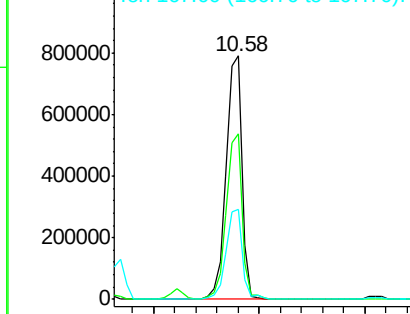
Tot Ion:	169	Resp:	816457
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 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: 40.139 ng

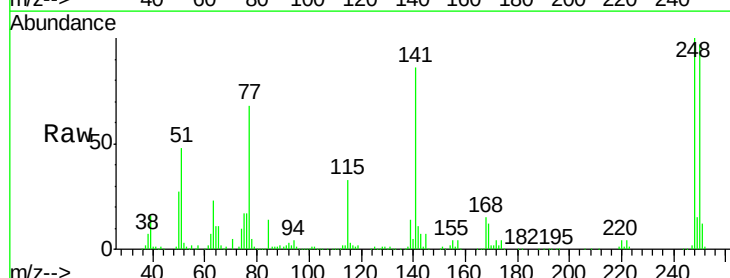
RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

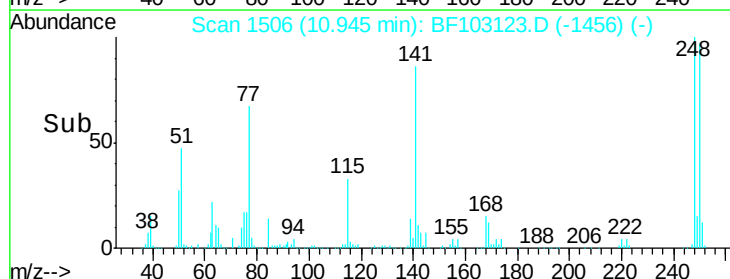
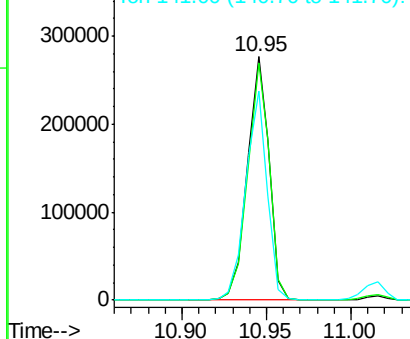
Lab File: BF103123.D

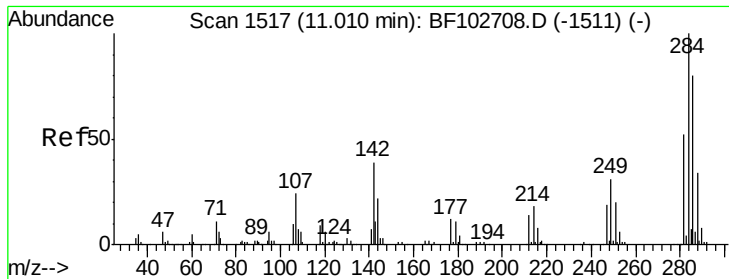
Acq: 20 Feb 2018 18:58

Tgt Ion:	248	Resp:	249155
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	85.8	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: 38.334 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

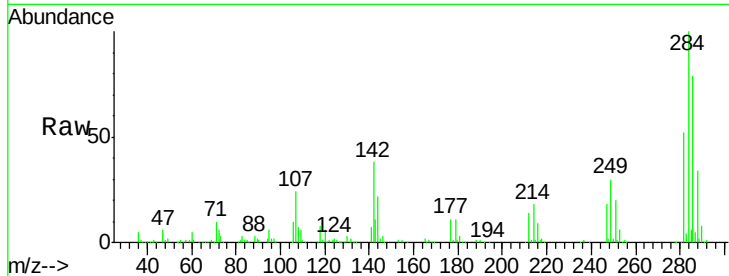
ClientSampleId :

TP-3MSD

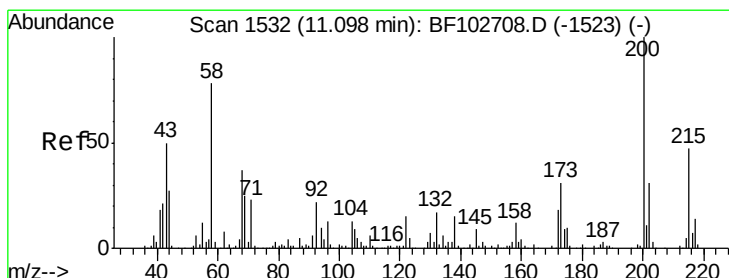
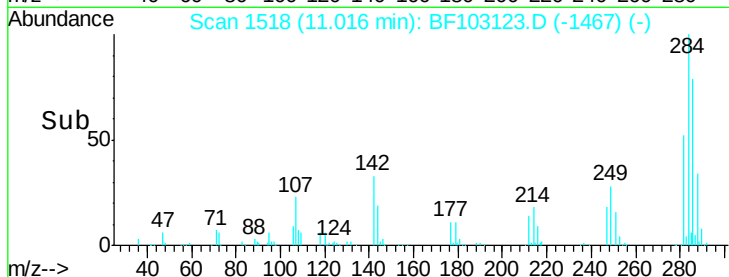
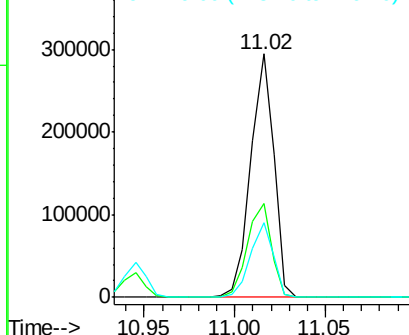
Tot Ion:	284	Resp:	262503
Ion Ratio		Lower	Upper
284	100		
142	38.3	34.6	52.0
249	30.5	24.8	37.2

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



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



#68

Atrazine

Concen: 41.211 ng

RT: 11.10 min Scan# 1533

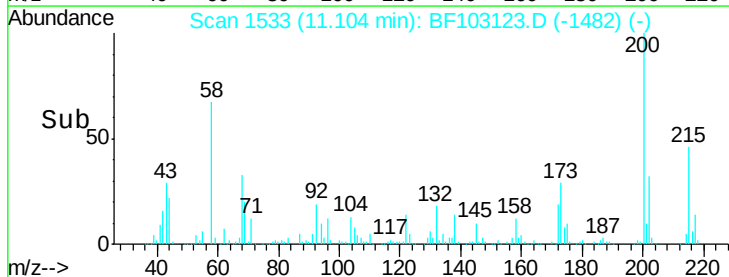
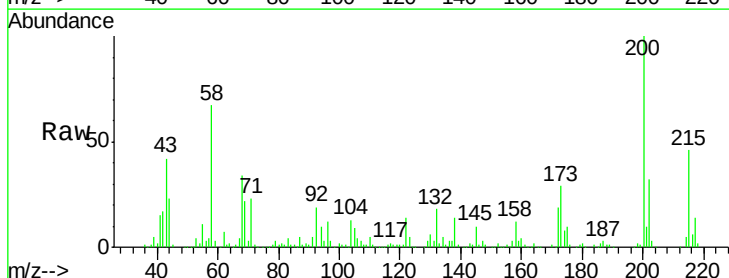
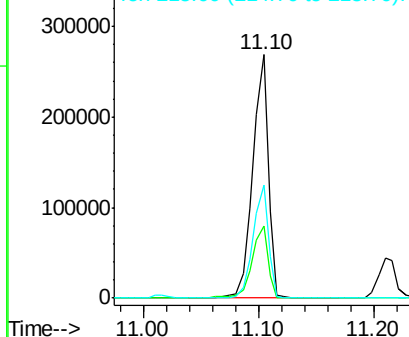
Delta R.T. 0.00 min

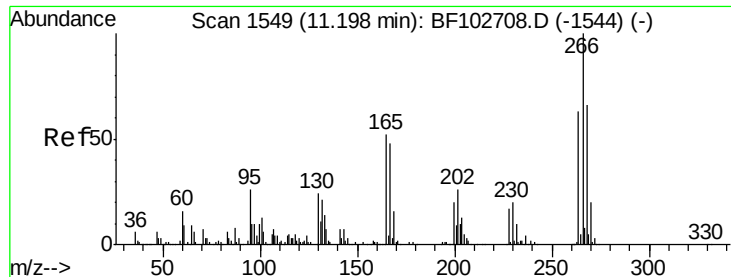
Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	200	Resp:	251644
Ion Ratio		Lower	Upper
200	100		
173	29.4	8.6	48.6
215	46.2	25.1	65.1

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





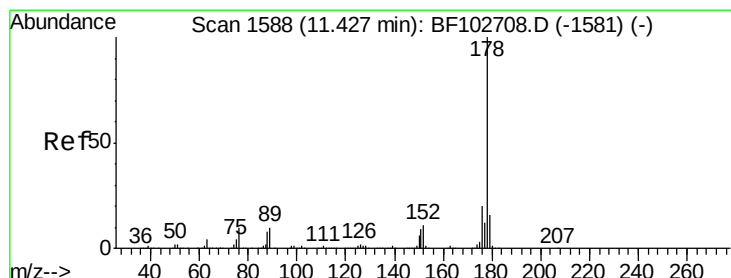
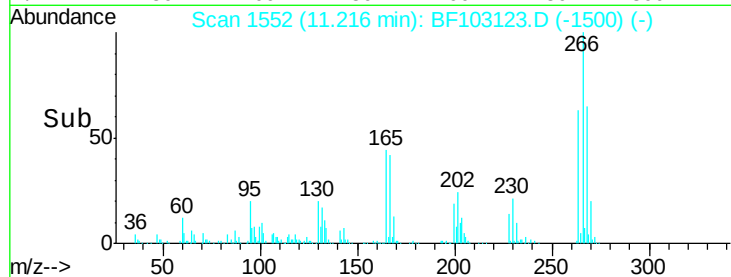
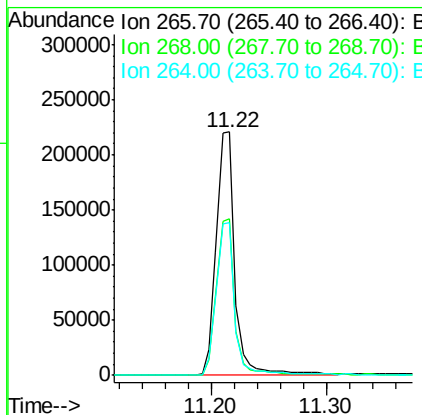
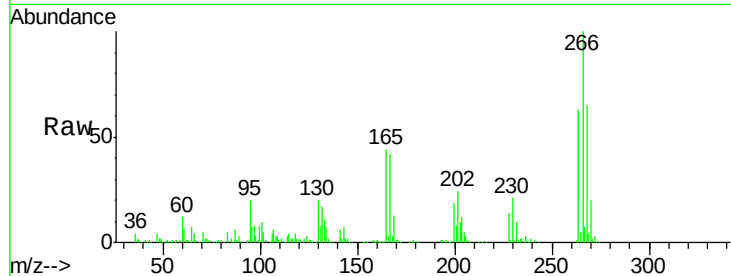
#69
Pentachlorophenol
 Concen: 62.232 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:	266	Resp:	250160
Ion Ratio		Lower	Upper
266	100		
268	64.5	51.1	76.7
264	62.9	49.5	74.3

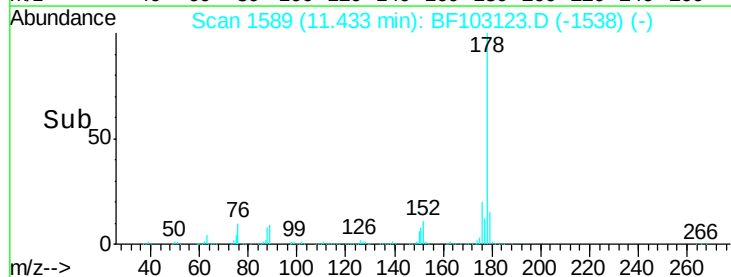
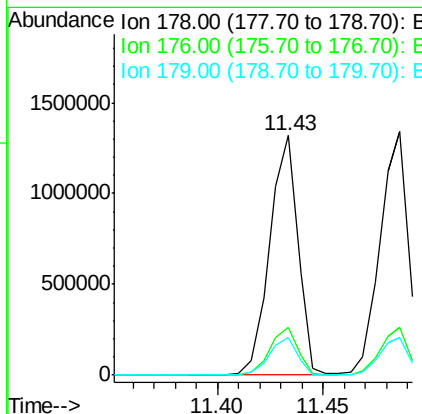
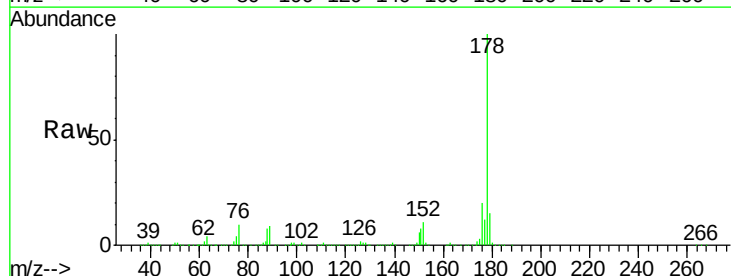
Manual Integrations
 APPROVED

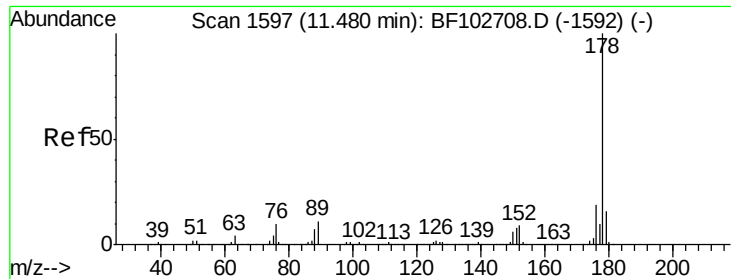
Sohil
 2/21/2018 10:10:35 AM



#70
Phenanthrene
 Concen: 37.622 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:	178	Resp:	1229531
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.5	13.0	19.6





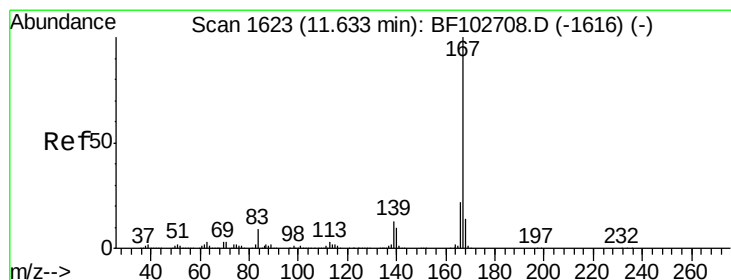
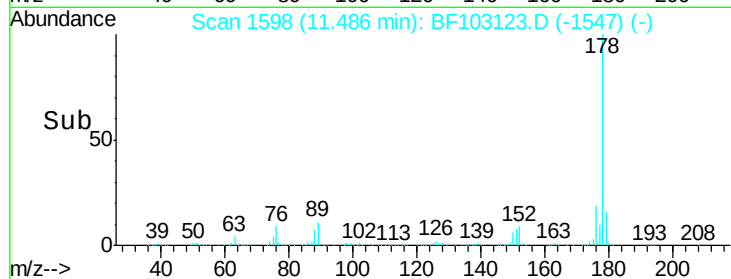
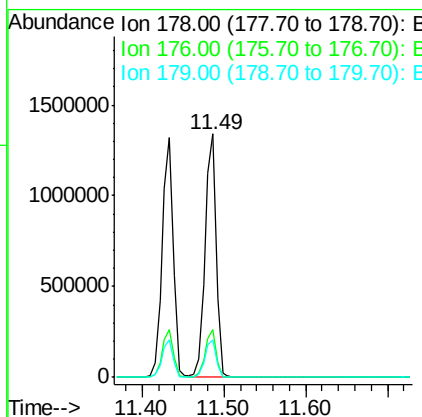
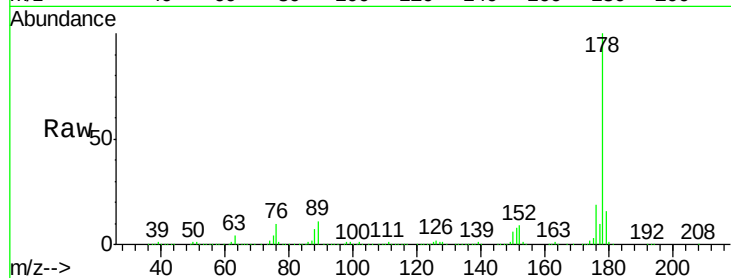
#71
 Anthracene
 Concen: 38.083 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion:178 Resp: 1265864
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0

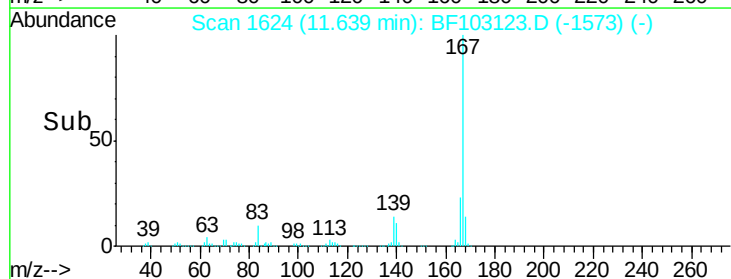
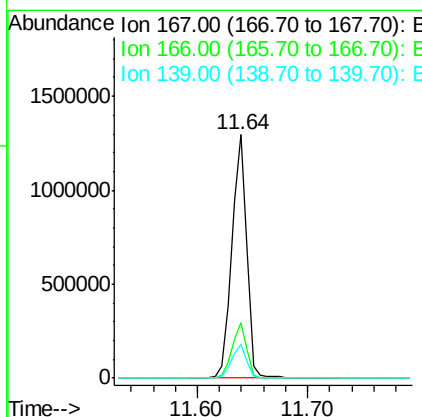
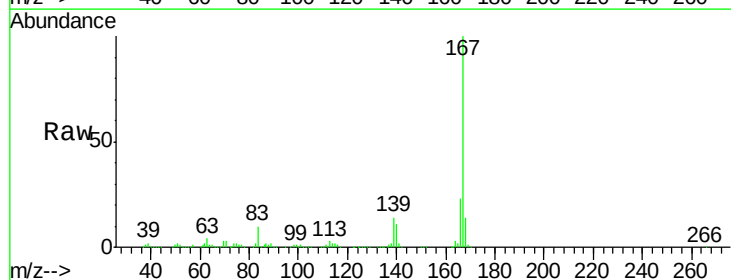
Manual Integrations
 APPROVED

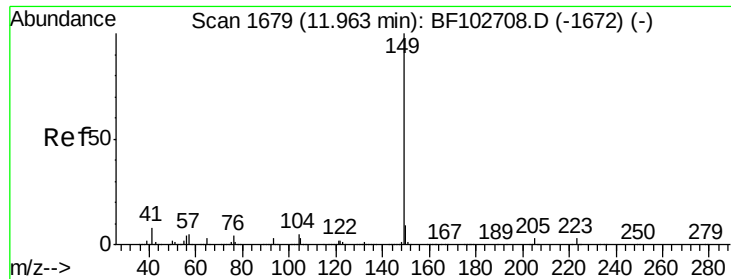
Sohil
 2/21/2018 10:10:35 AM



#72
 Carbazole
 Concen: 37.607 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion:167 Resp: 1224654
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.1 10.9 16.3





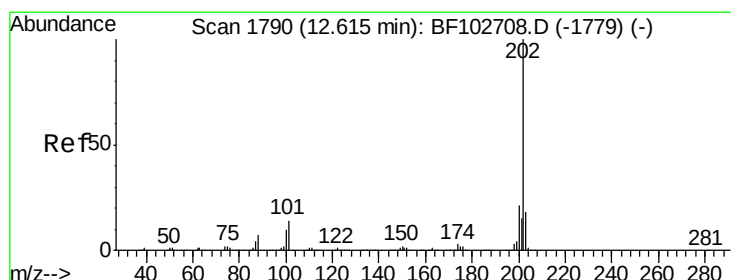
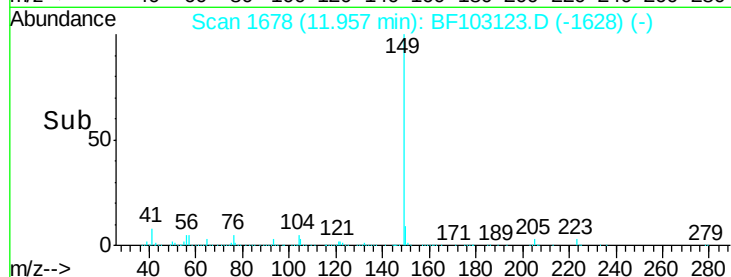
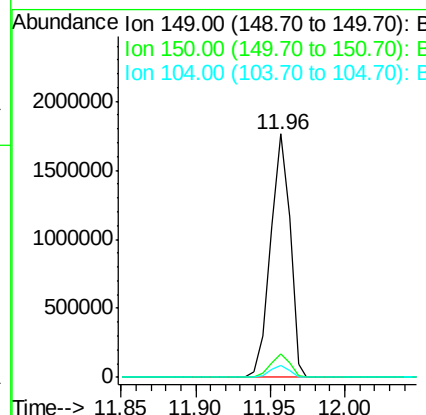
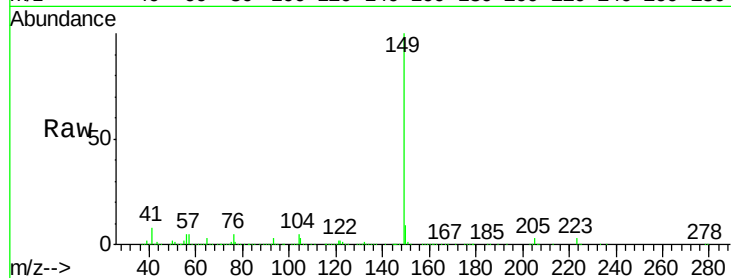
#73
Di-n-butylphthalate
Concen: 39.933 ng
RT: 11.96 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	3.8	5.8

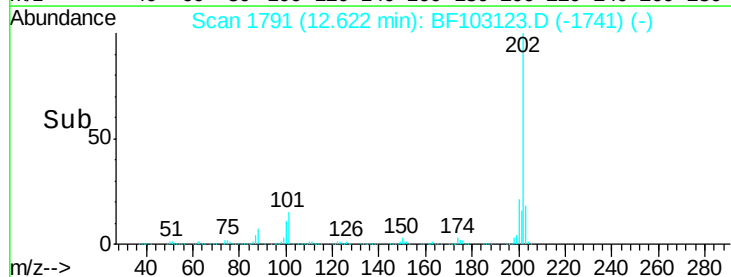
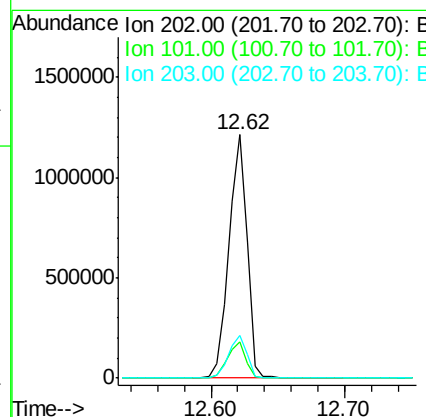
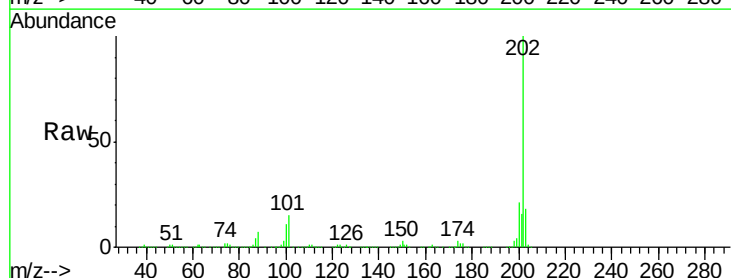
Manual Integrations
APPROVED

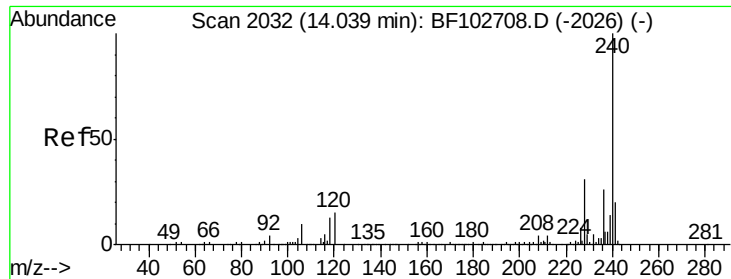
Sohil
2/21/2018 10:10:35 AM



#74
Fluoranthene
Concen: 35.443 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

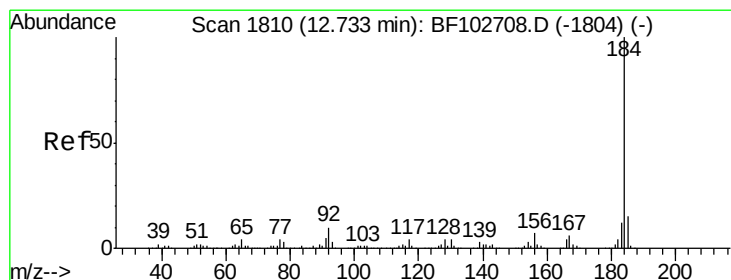
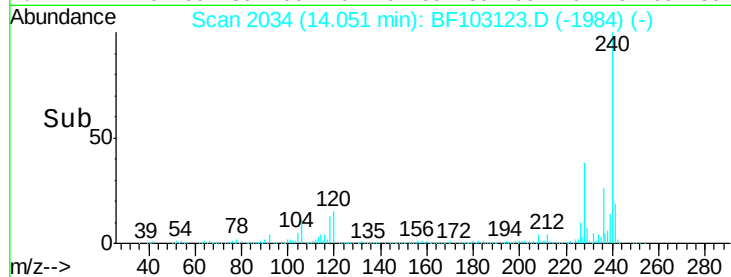
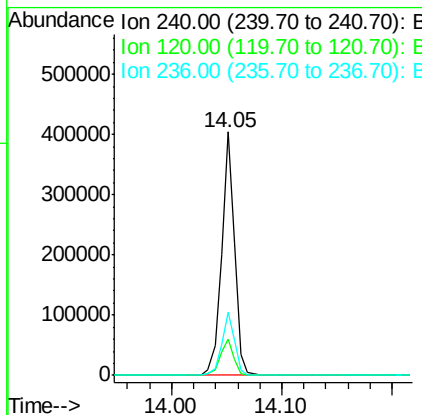
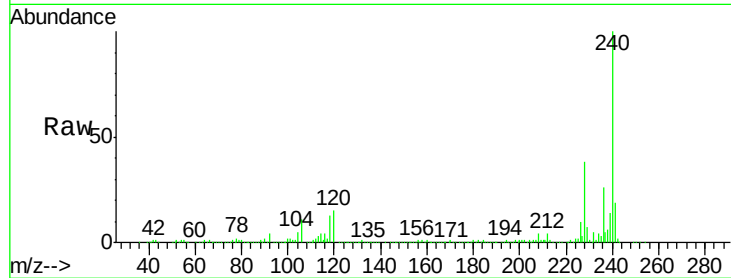
ClientSampled :

TP-3MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.1	20.7	31.1

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#76

Benzidine

Concen: 24.487 ng

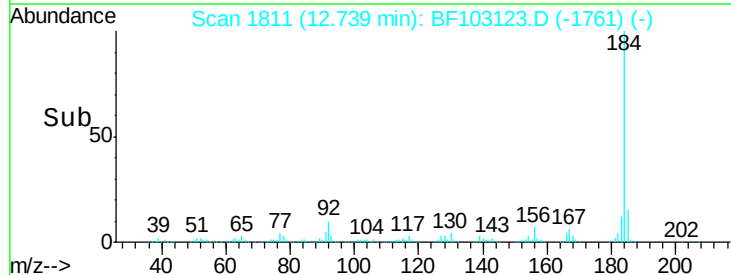
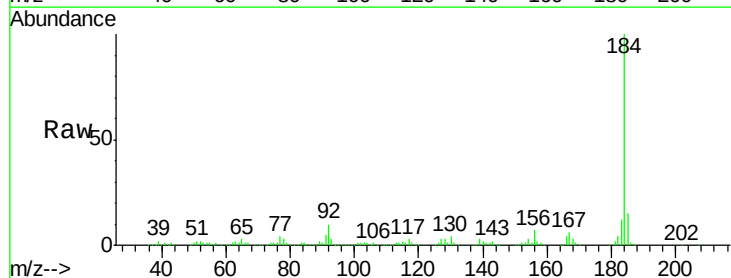
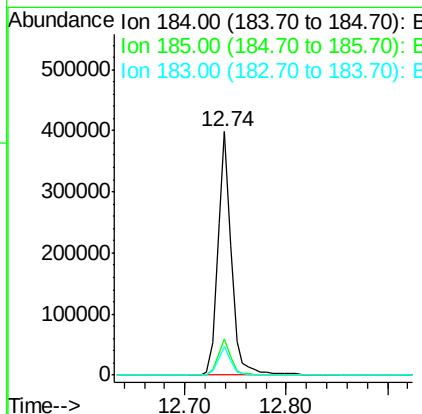
RT: 12.74 min Scan# 1811

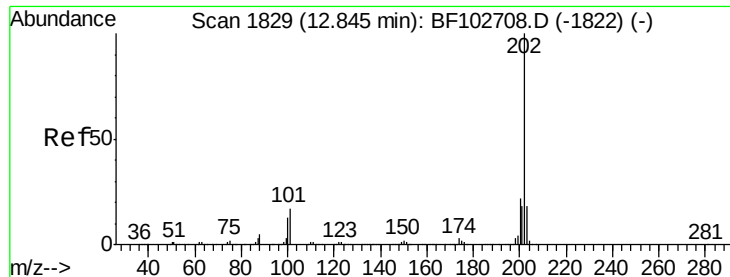
Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 45.181 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tot Ion:202 Resp: 1162014

Ion Ratio Lower Upper

202 100

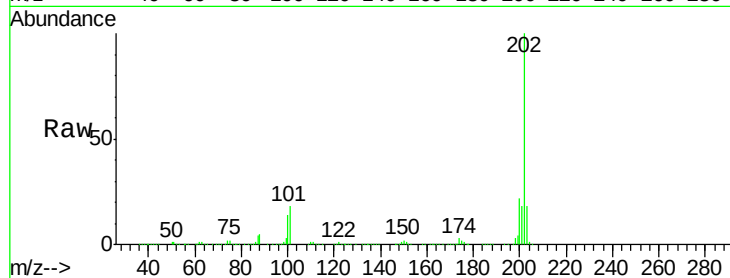
200 22.3 17.4 26.2

203 17.9 14.3 21.5

Manual Integrations
APPROVED

Sohil

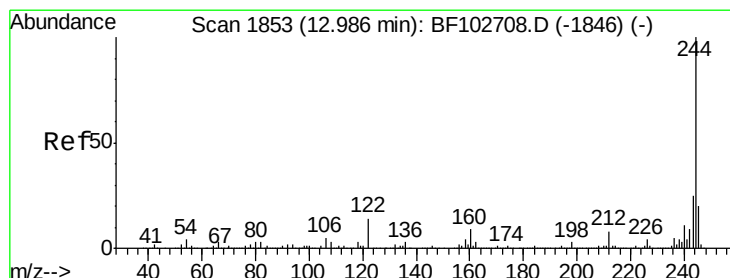
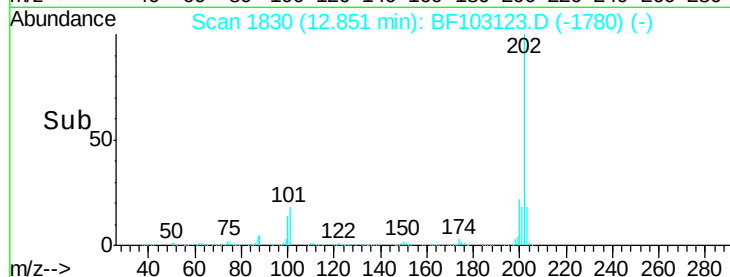
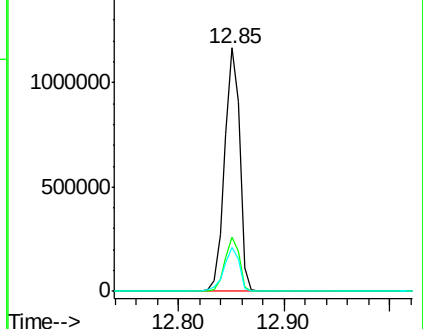
2/21/2018 10:10:35 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.213 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

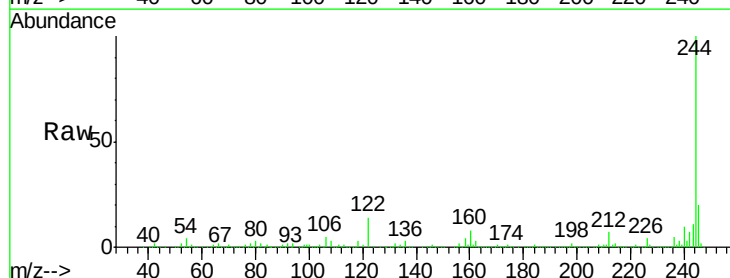
Tgt Ion:244 Resp: 1277337

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

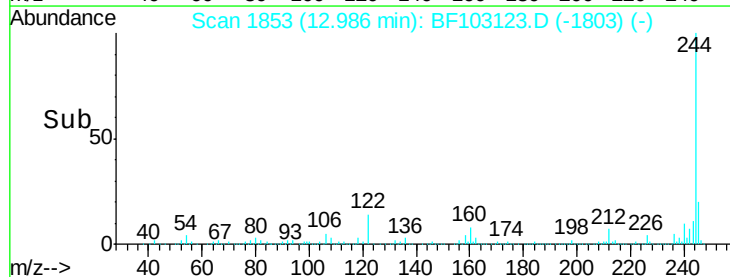
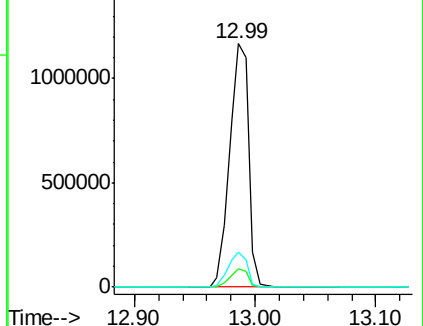
122 14.4 11.0 16.4

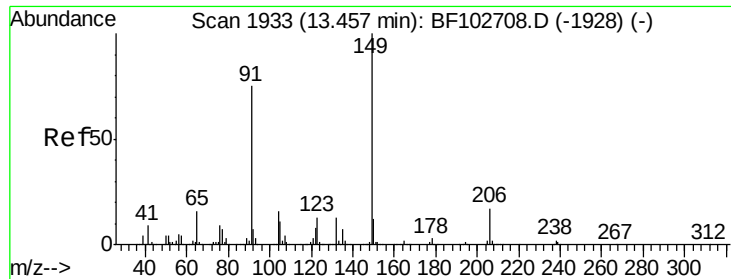


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





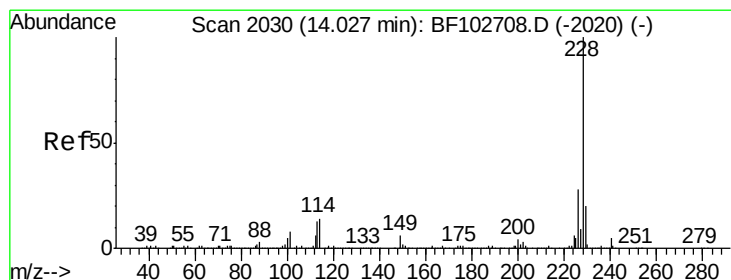
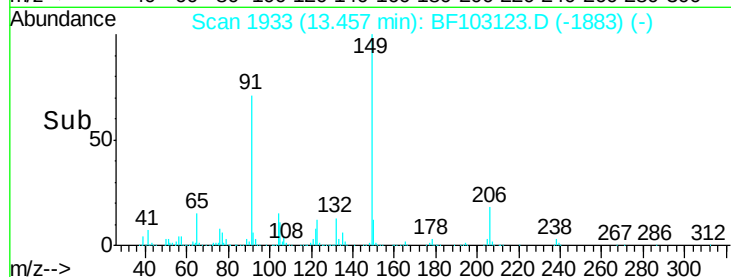
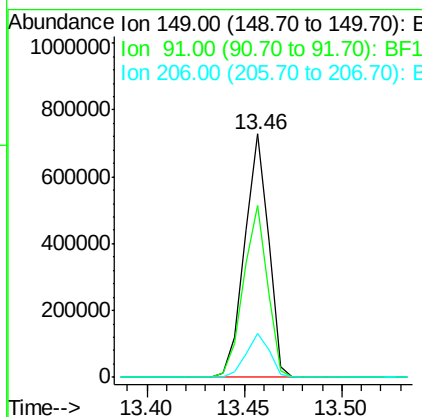
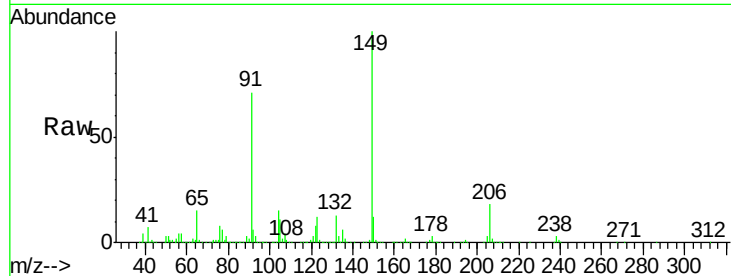
#79
Butylbenzylphthalate
Concen: 50.311 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleID :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.8	85.2
206	17.9	14.1	21.1

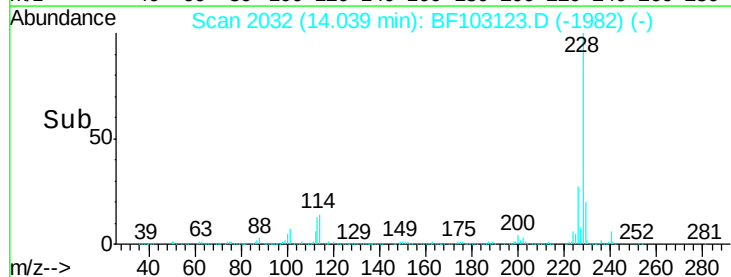
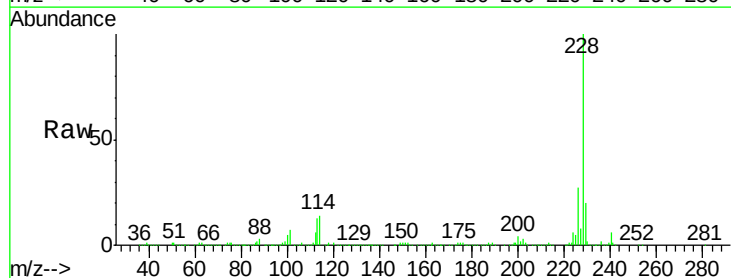
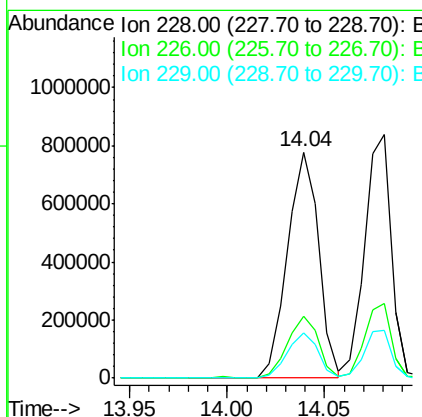
Manual Integrations
APPROVED

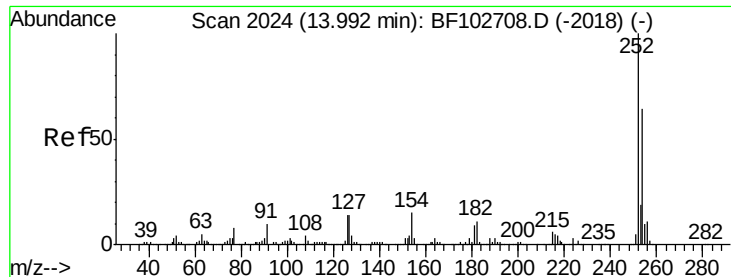
Sohil
2/21/2018 10:10:35 AM



#80
Benzo(a)anthracene
Concen: 41.701 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.8	15.8	23.6





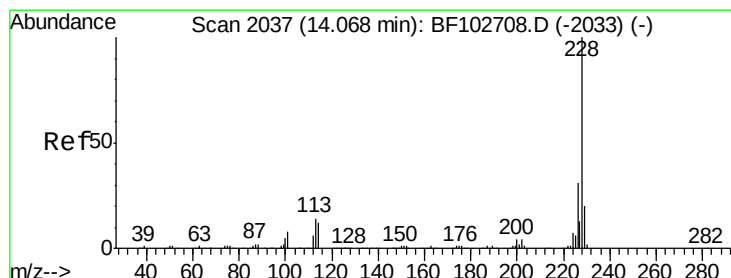
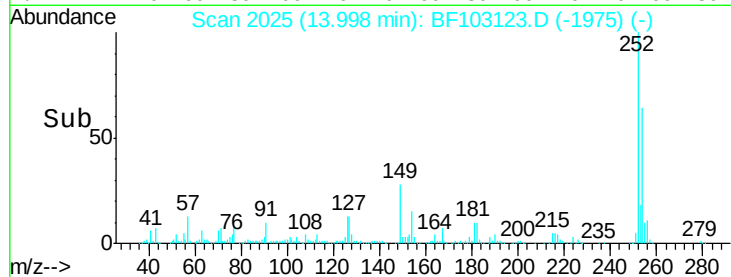
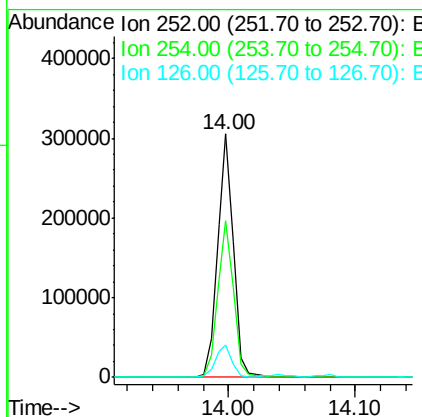
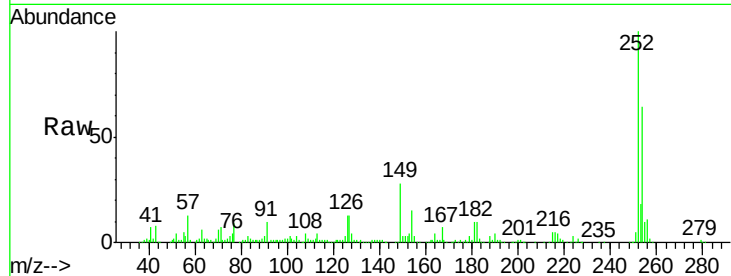
#81
 3,3'-Dichlorobenzidine
 Concen: 35.364 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	270471		
254	64.4	50.4	75.6	
126	13.5	11.3	16.9	

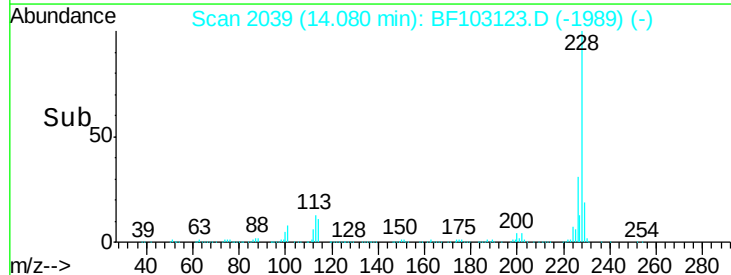
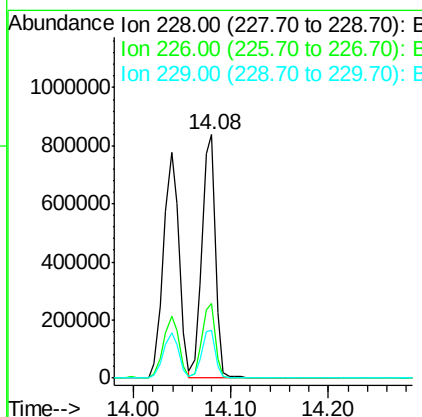
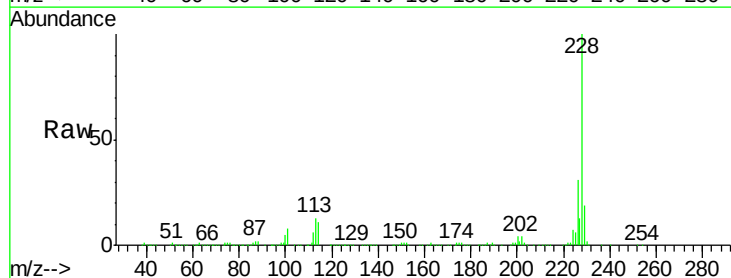
Manual Integrations
 APPROVED

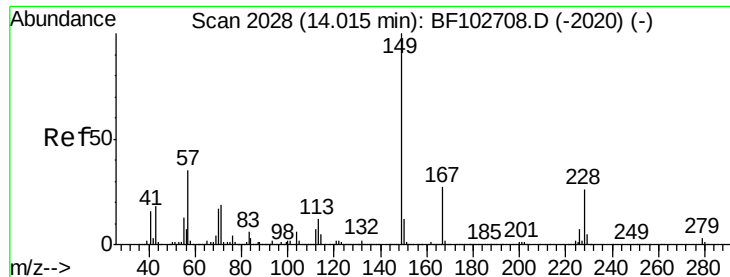
Sohil
 2/21/2018 10:10:35 AM



#82
 Chrysene
 Concen: 38.655 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803760		
226	30.7	25.0	37.6	
229	19.5	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.661 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

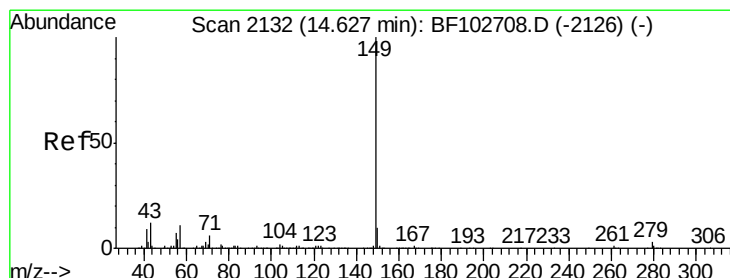
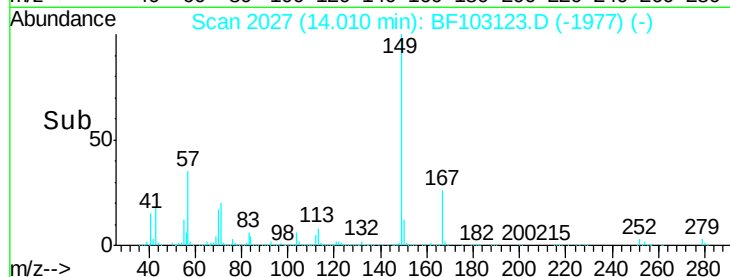
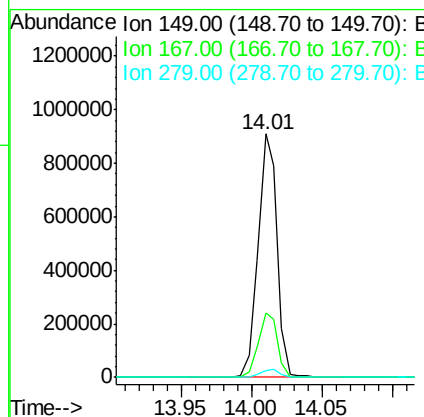
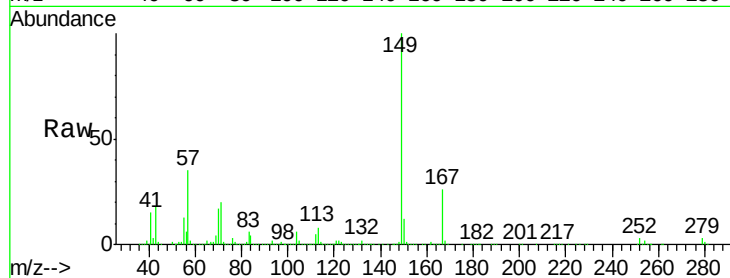
ClientSampleId :

TP-3MSD

Tot Ion:	149	Resp:	861206
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	2.8	3.0	4.4#

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#84

Di-n-octyl phthalate

Concen: 55.878 ng

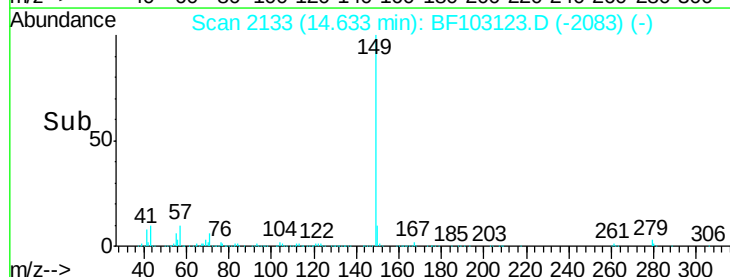
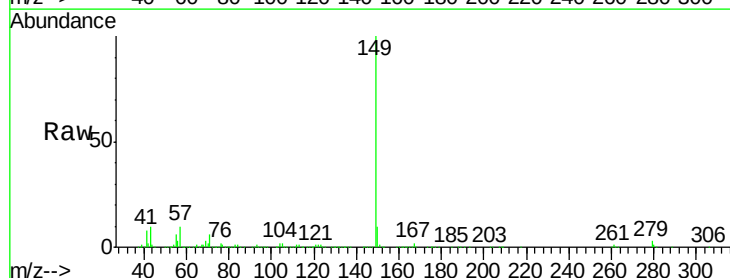
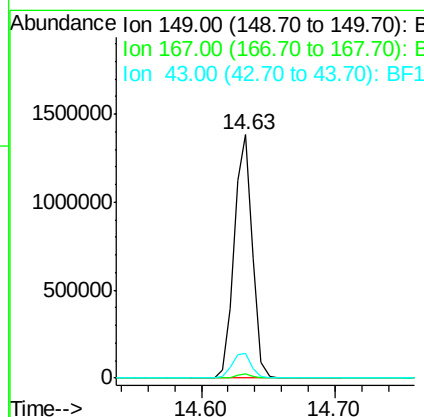
RT: 14.63 min Scan# 2133

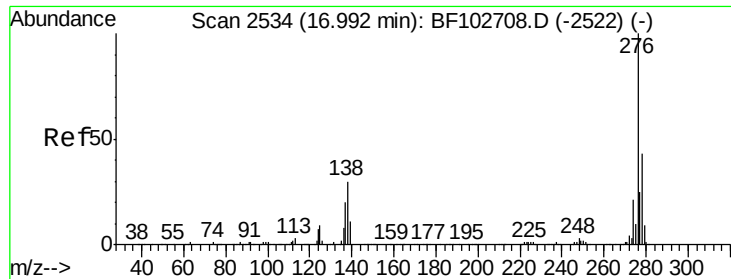
Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	149	Resp:	1321896
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.7	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.982 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Instrument :

BNA_F

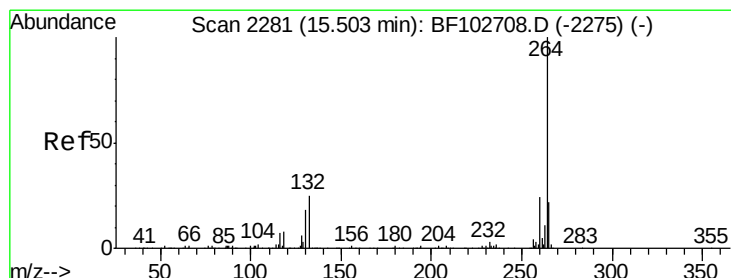
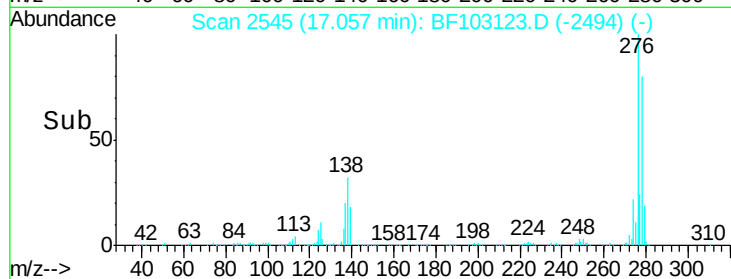
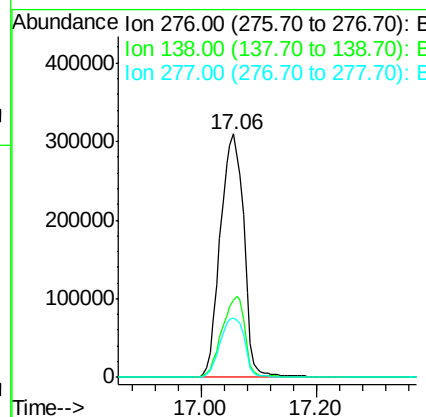
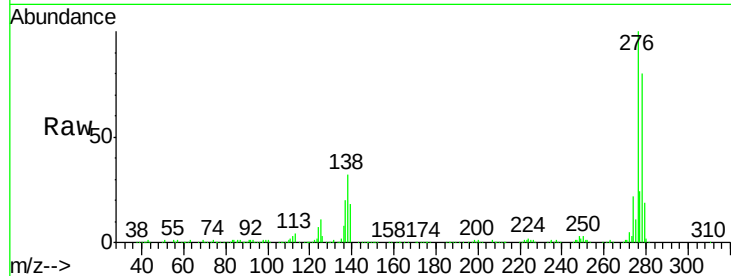
ClientSampled :

TP-3MSD

Tot Ion:	276	Resp:	879211
Ion Ratio	Lower	Upper	
276	100		
138	32.5	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



#86

Perylene-d12

Concen: 20.000 ng

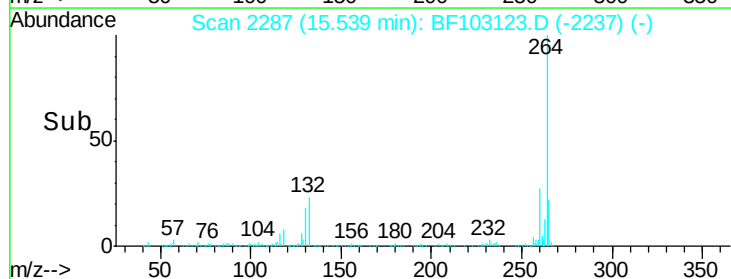
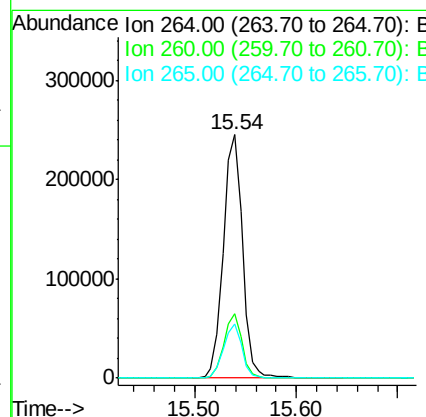
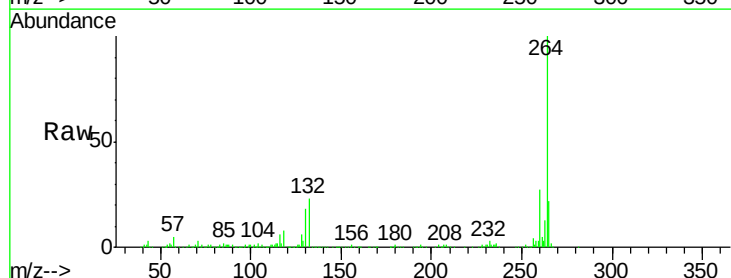
RT: 15.54 min Scan# 2287

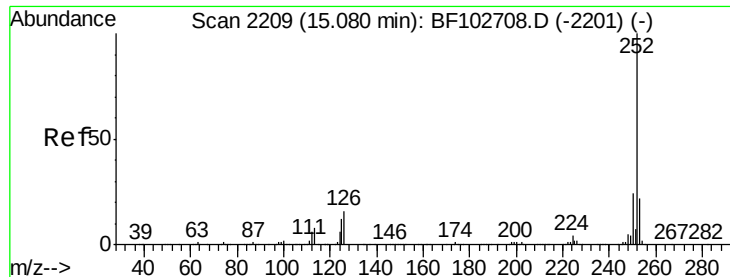
Delta R.T. -0.01 min

Lab File: BF103123.D

Acq: 20 Feb 2018 18:58

Tgt Ion:	264	Resp:	322518
Ion Ratio	Lower	Upper	
264	100		
260	26.7	19.2	28.8
265	22.2	17.5	26.3





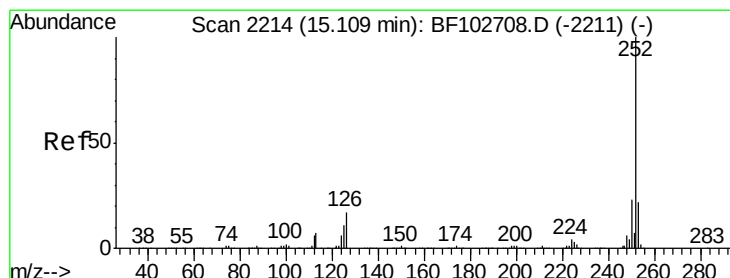
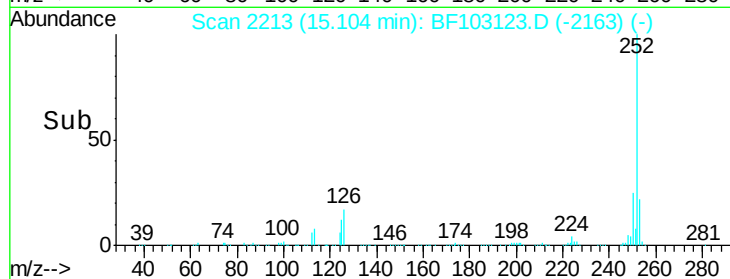
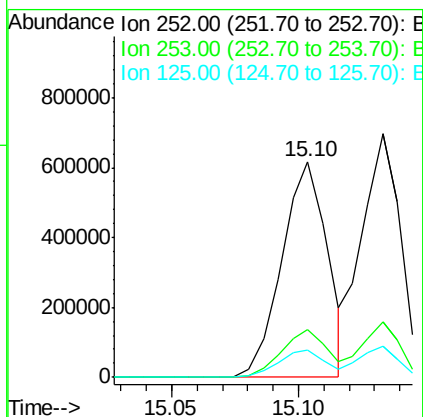
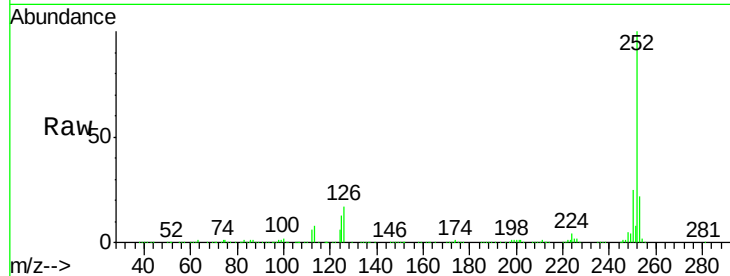
#87
Benzo(b)fluoranthene
Concen: 36.882 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.6	9.0	13.6

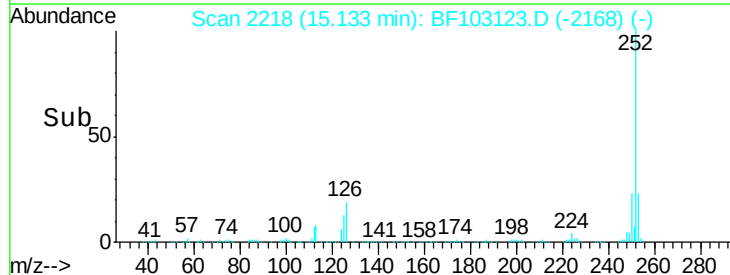
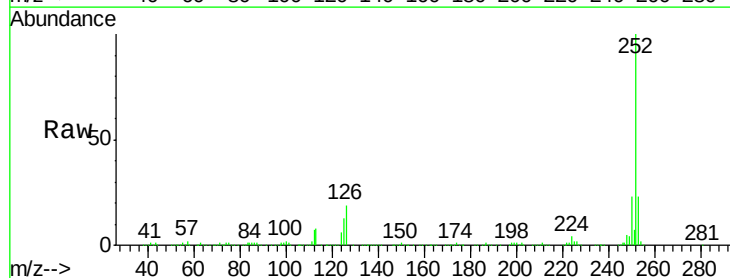
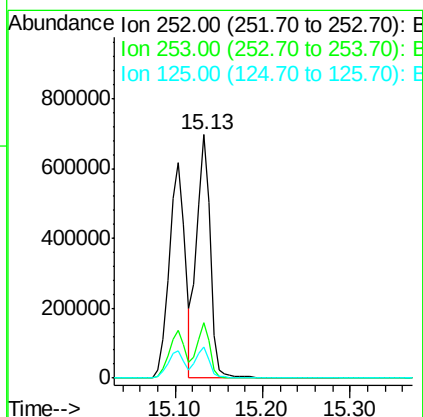
Manual Integrations
APPROVED

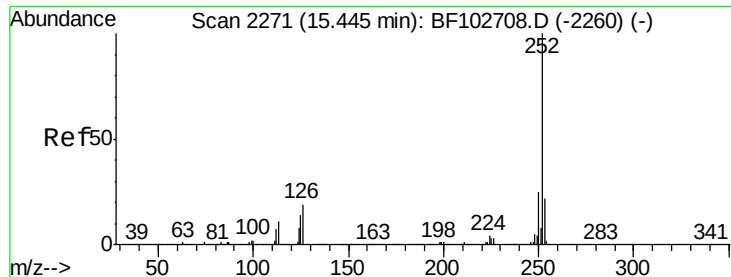
Sohil
2/21/2018 10:10:35 AM



#88
Benzo(k)fluoranthene
Concen: 38.258 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	12.9	10.2	15.2





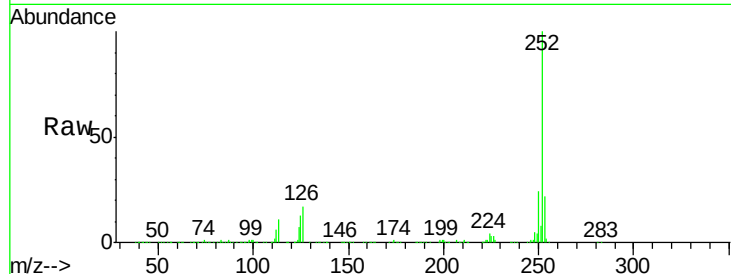
#89
Benzo(a)pyrene
Concen: 40.662 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

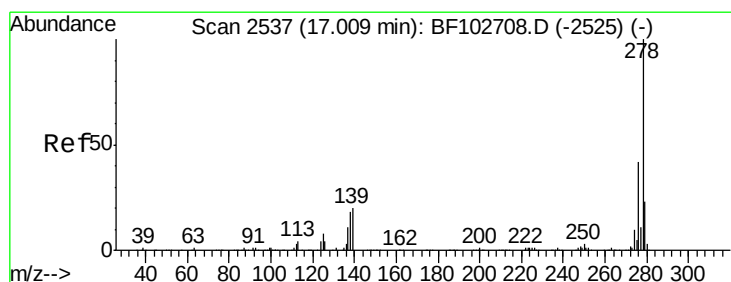
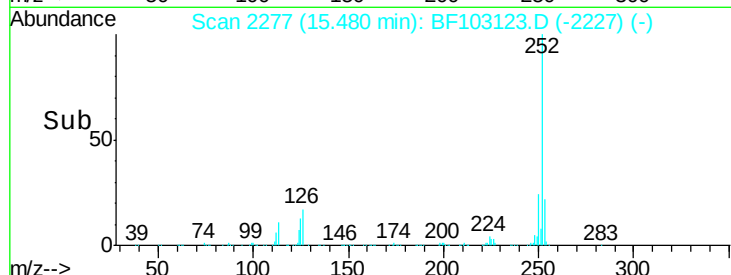
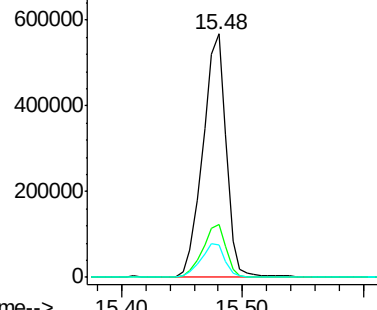
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.3	9.8	14.6

Manual Integrations
APPROVED

Sohil
2/21/2018 10:10:35 AM



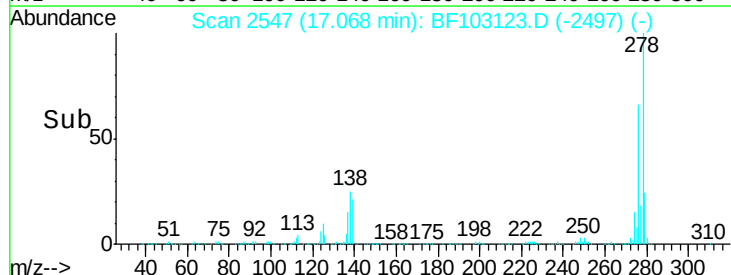
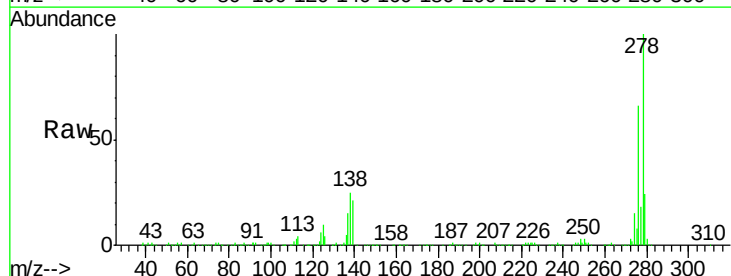
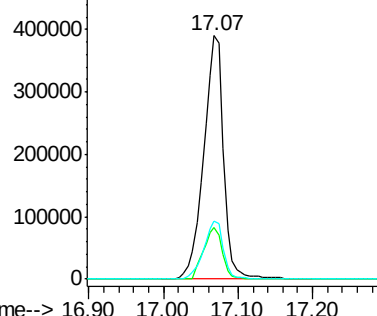
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

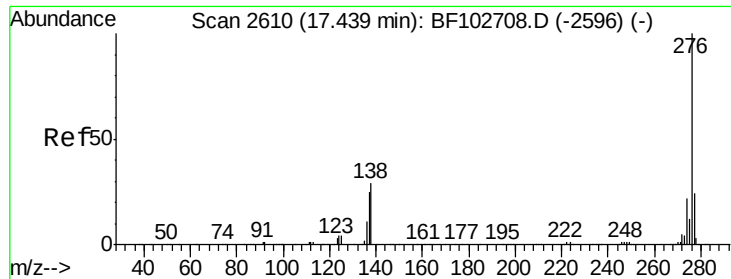


#90
Dibenzo(a,h)anthracene
Concen: 47.661 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103123.D
Acq: 20 Feb 2018 18:58

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

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





#91
 Benzo(a,h,i)perylene
 Concen: 49.212 ng
 RT: 17.52 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF103123.D
 Acq: 20 Feb 2018 18:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	28.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/21/2018 10:10:35 AM

