

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101399.D
 Acq On : 14 Dec 2017 18:02
 Operator : SJ/JU
 Sample : PB104947BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:44:04 PM

Quant Time: Dec 15 00:10:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178565	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	728509	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	330570	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	628234	20.00	ng	0.00
75) Chrysene-d12	14.00	240	459514	20.00	ng	0.00
86) Perylene-d12	15.47	264	365967	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1314789	109.68	ng	0.02
7) Phenol-d6	6.46	99	1640521	109.96	ng	0.00
23) Nitrobenzene-d5	7.39	82	1077589	82.34	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	381234	119.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1732804	81.31	ng	0.00
78) Terphenyl-d14	12.93	244	1700139	89.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	218930	35.543	ng	94
3) Pyridine	3.42	79	619837	36.218	ng	96
4) n-Nitrosodimethylamine	3.38	42	314731	39.942	ng	96
6) Aniline	6.49	93	282597	13.631	ng	# 83
8) 2-Chlorophenol	6.61	128	488685	38.753	ng	99
9) Benzaldehyde	6.37	77	157099	14.258	ng	93
10) Phenol	6.47	94	613678	36.090	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	518519	38.875	ng	95
12) 1,3-Dichlorobenzene	6.76	146	539864	37.933	ng	99
13) 1,4-Dichlorobenzene	6.83	146	542848	37.351	ng	98
14) 1,2-Dichlorobenzene	6.99	146	494508	37.801	ng	97
15) Benzyl Alcohol	6.96	79	379167	36.924	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	875410	42.884	ng	90
17) 2-Methylphenol	7.08	107	420137	36.220	ng	# 91
18) Hexachloroethane	7.32	117	195421	38.674	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	347351	35.452	ng	92
20) 3+4-Methylphenols	7.23	107	517065	42.066	ng	# 64
22) Acetophenone	7.23	105	632250	38.035	ng	# 87
24) Nitrobenzene	7.40	77	566525	39.113	ng	96
25) Isophorone	7.64	82	1070538	40.777	ng	97
26) 2-Nitrophenol	7.72	139	280076	45.009	ng	98
27) 2,4-Dimethylphenol	7.76	122	463953	43.887	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	659831	39.565	ng	98
29) 2,4-Dichlorophenol	7.96	162	433972	41.552	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	427978	38.830	ng	97
31) Naphthalene	8.12	128	1392297	37.962	ng	99
32) Benzoic acid	7.92	122	280638	40.825	ng	93
33) 4-Chloroaniline	8.18	127	93847	5.887	ng	98
34) Hexachlorobutadiene	8.23	225	242969	38.115	ng	99
35) Caprolactam	8.56	113	153836m	42.419	ng	
36) 4-Chloro-3-methylphenol	8.67	107	470330	40.972	ng	99
37) 2-Methylnaphthalene	8.82	142	947263	39.643	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	408272	36.581	ng	98
40) Hexachlorocyclopentadiene	8.96	237	213393	83.668	ng	99

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101399.D
 Acq On : 14 Dec 2017 18:02
 Operator : SJ/JU
 Sample : PB104947BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

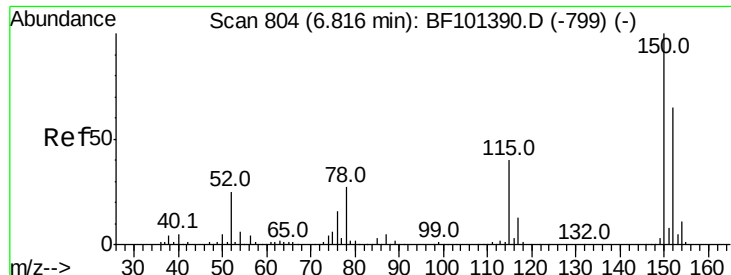
Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:44:04 PM

Quant Time: Dec 15 00:10:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	285455	42.484	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	295916	40.222	ng	93
45) 1,1'-Biphenyl	9.27	154	1068434	36.445	ng	99
46) 2-Chloronaphthalene	9.30	162	858756	38.283	ng	98
47) 2-Nitroaniline	9.41	65	317747	41.004	ng	88
48) Acenaphthylene	9.72	152	1297944	36.634	ng	99
49) Dimethylphthalate	9.58	163	1009781	37.976	ng	99
50) 2,6-Dinitrotoluene	9.65	165	228915	42.359	ng	# 85
51) Acenaphthene	9.89	154	786732	36.959	ng	99
52) 3-Nitroaniline	9.82	138	90406	13.418	ng	97
53) 2,4-Dinitrophenol	9.95	184	164049	86.233	ng	# 18
54) Dibenzofuran	10.06	168	1066240	39.415	ng	98
55) 4-Nitrophenol	10.00	139	245794	83.662	ng	91
56) 2,4-Dinitrotoluene	10.07	165	256648	42.151	ng	# 93
57) Fluorene	10.41	166	892915	39.019	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	240539	45.507	ng	88
59) Diethylphthalate	10.28	149	994300	37.761	ng	96
60) 4-Chlorophenyl-phenylether	10.40	204	429222	39.136	ng	89
61) 4-Nitroaniline	10.44	138	246955	36.465	ng	97
62) Azobenzene	10.56	77	1042574	38.222	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	128329	40.029	ng	89
65) n-Nitrosodiphenylamine	10.52	169	865913	37.328	ng	96
66) 4-Bromophenyl-phenylether	10.89	248	280727	39.769	ng	# 90
67) Hexachlorobenzene	10.96	284	286731	38.379	ng	# 86
68) Atrazine	11.05	200	276368	39.956	ng	95
69) Pentachlorophenol	11.16	266	241691	82.928	ng	97
70) Phenanthrene	11.37	178	1317734	37.717	ng	99
71) Anthracene	11.43	178	1373755	38.494	ng	99
72) Carbazole	11.59	167	1237202	37.028	ng	99
73) Di-n-butylphthalate	11.90	149	1555295	38.351	ng	99
74) Fluoranthene	12.57	202	1393337	37.995	ng	98
76) Benzidine	12.69	184	350846	18.078	ng	99
77) Pyrene	12.80	202	1431317	41.504	ng	100
79) Butylbenzylphthalate	13.40	149	664481	42.583	ng	97
80) Benzo(a)anthracene	13.99	228	1221506	40.257	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	201342	20.351	ng	96
82) Chrysene	14.03	228	1117564	39.009	ng	100
83) Bis(2-ethylhexyl)phthalate	13.96	149	845309	42.769	ng	99
84) Di-n-octyl phthalate	14.57	149	1358480	38.540	ng	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	863123	33.832	ng	97
87) Benzo(b)fluoranthene	15.04	252	1010217	45.288	ng	99
88) Benzo(k)fluoranthene	15.07	252	824595	38.021	ng	98
89) Benzo(a)pyrene	15.41	252	852114	41.438	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	712195	40.339	ng	98
91) Benzo(g,h,i)perylene	17.40	276	772754	44.201	ng	96

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



#1

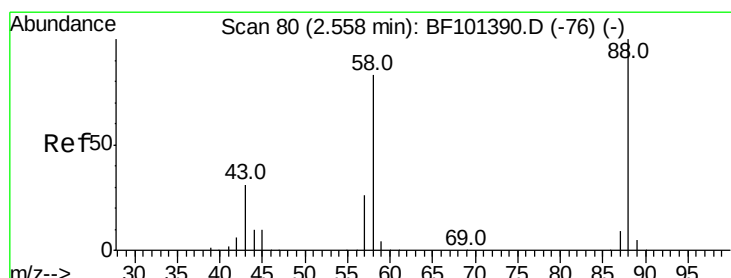
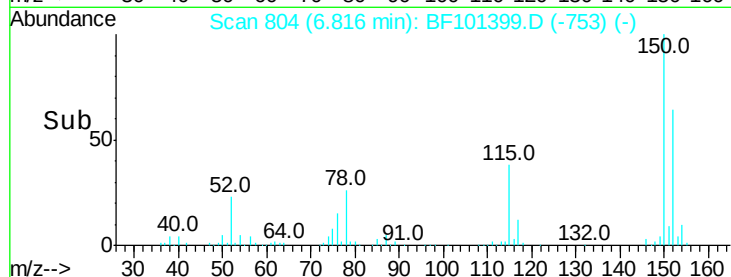
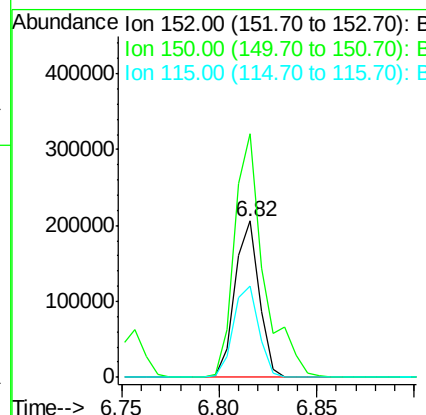
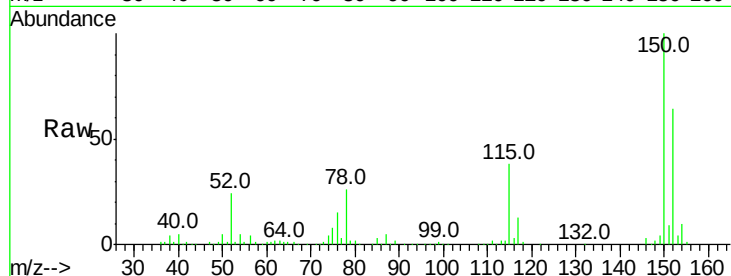
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	58.6	50.1	75.1

Manual Integrations
APPROVED

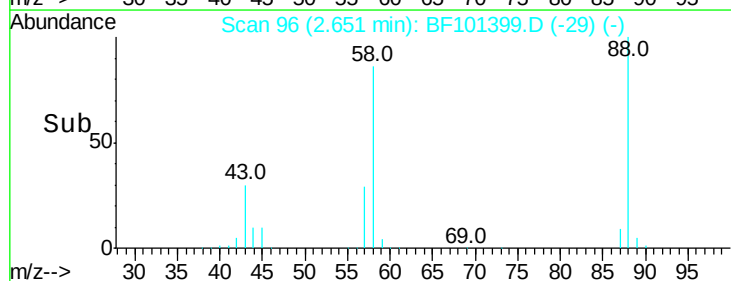
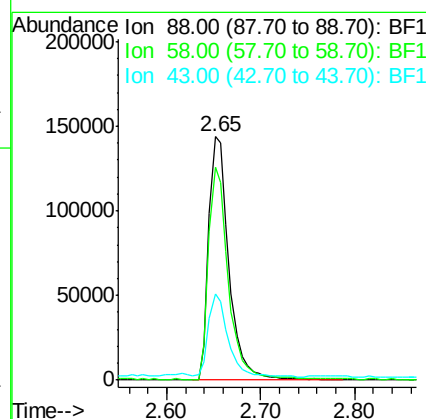
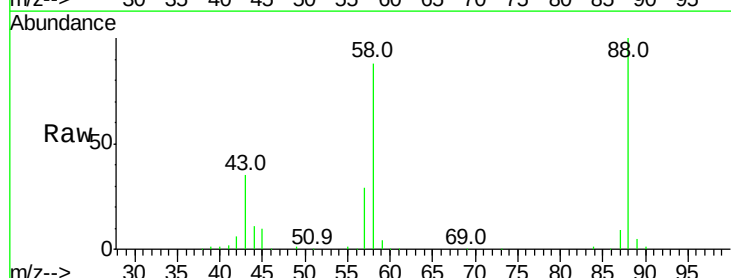
Sohil
12/15/2017 6:44:04 PM

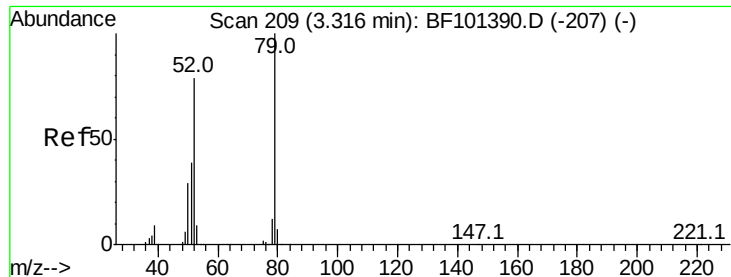


#2

1,4-Dioxane
Concen: 35.543 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	62.6	93.8
43	31.8	24.6	37.0





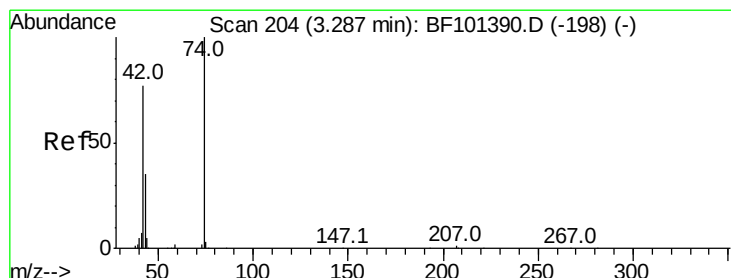
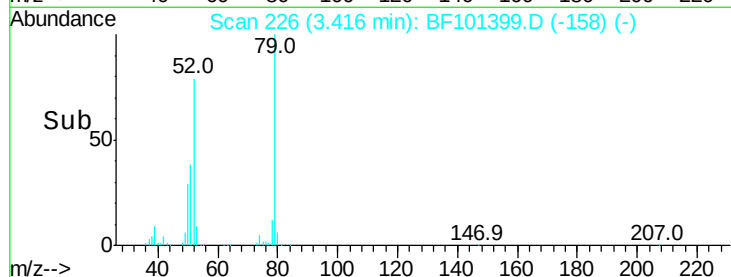
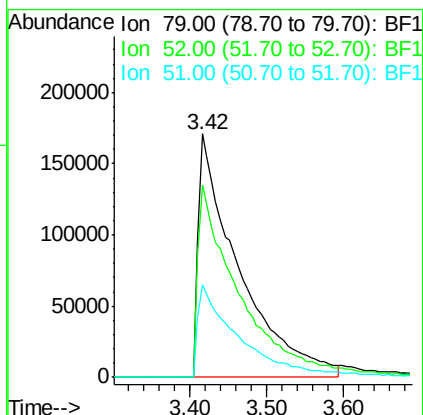
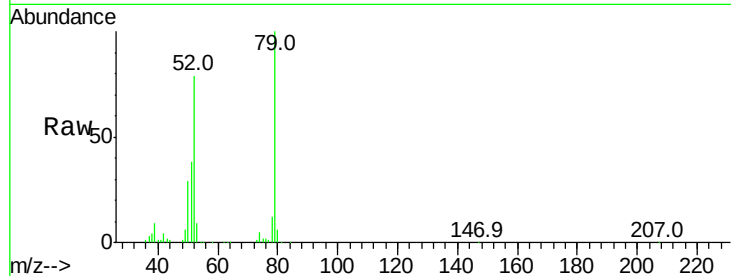
#3
 Pvridine
 Concen: 36.218 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.10 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	37.9	29.8	44.8

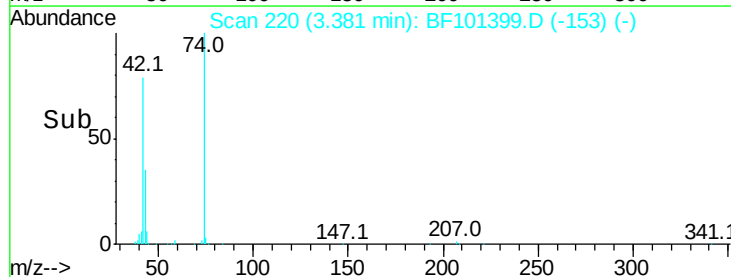
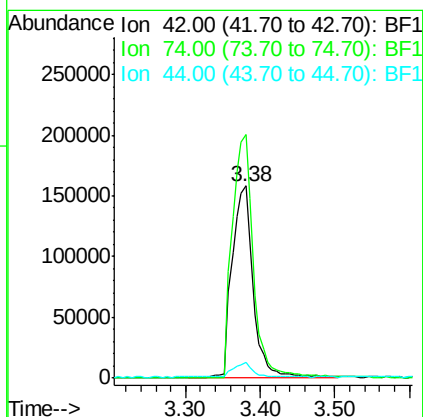
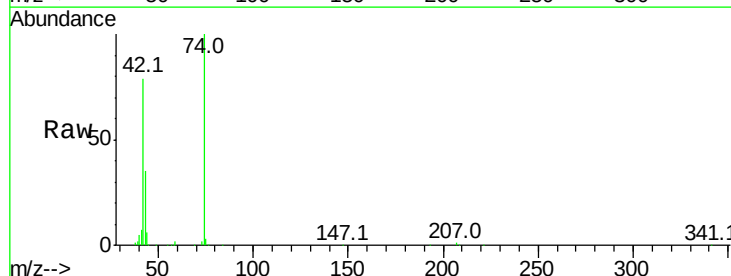
Manual Integrations
 APPROVED

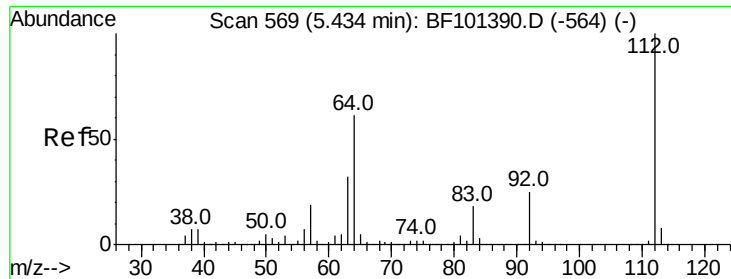
Sohil
 12/15/2017 6:44:04 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.942 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.09 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 109.679 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion:112 Resp: 1314789

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

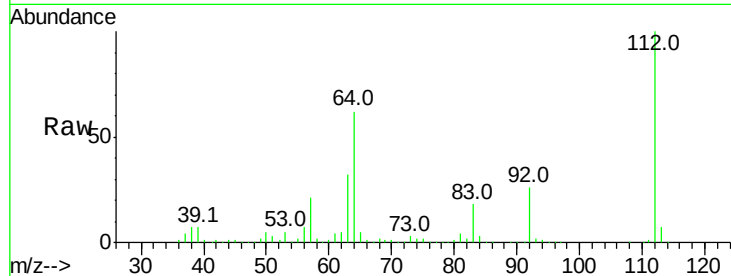
63 31.8 23.7 35.5

Manual Integrations

APPROVED

Sohil

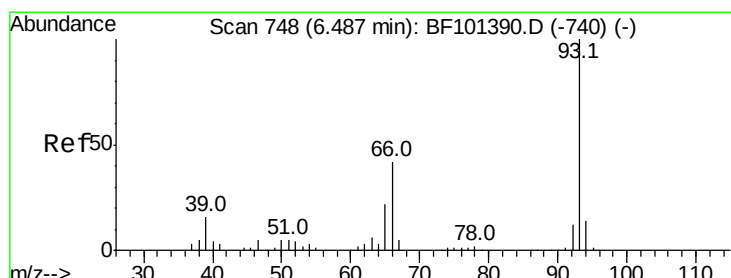
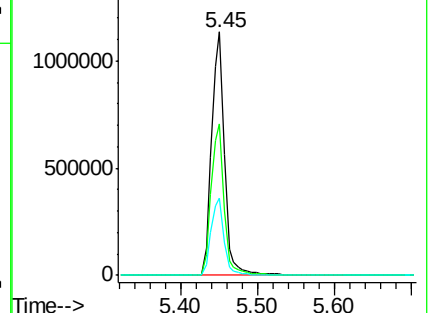
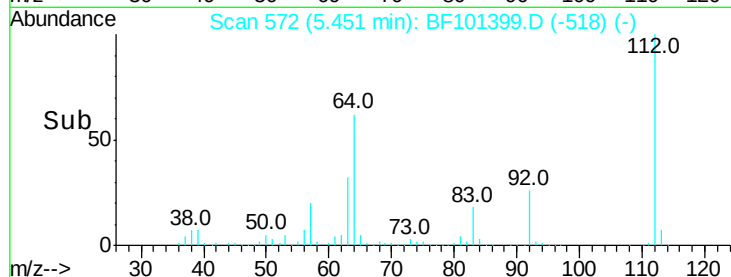
12/15/2017 6:44:04 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.631 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

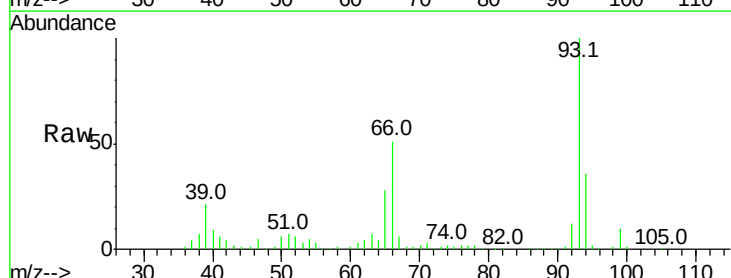
Tgt Ion: 93 Resp: 282597

Ion Ratio Lower Upper

93 100

66 51.0 32.2 48.2#

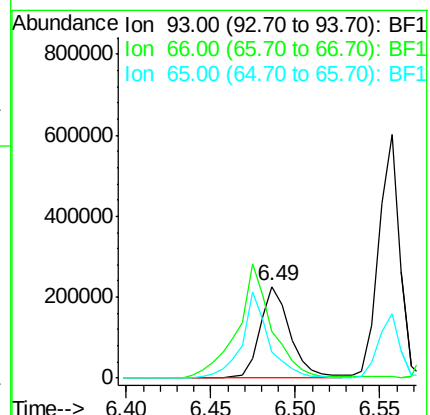
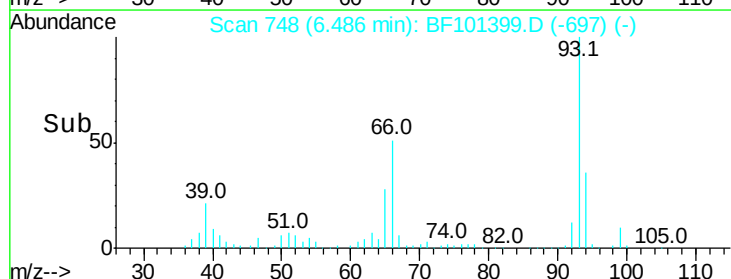
65 28.2 16.4 24.6#

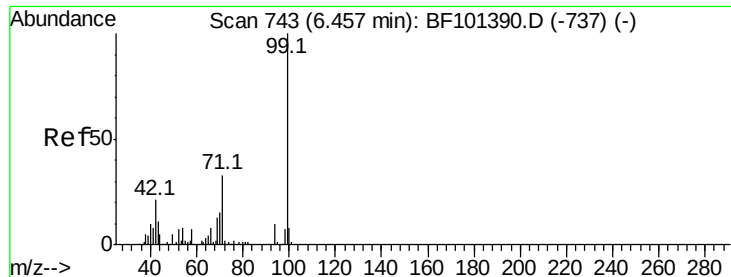


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.961 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion: 99 Resp: 1640521

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

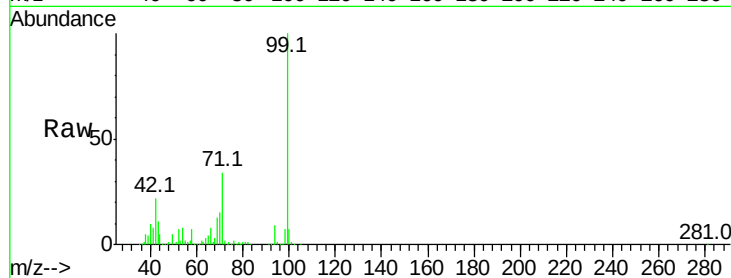
71 34.2 25.4 38.0

Manual Integrations

APPROVED

Sohil

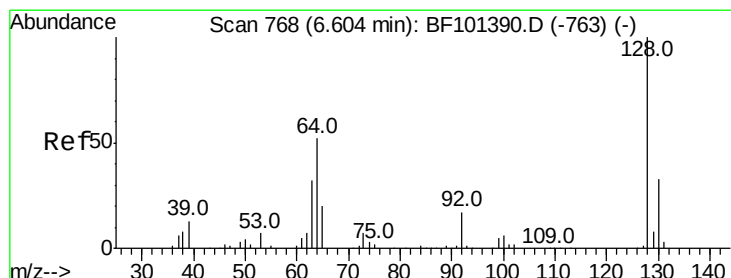
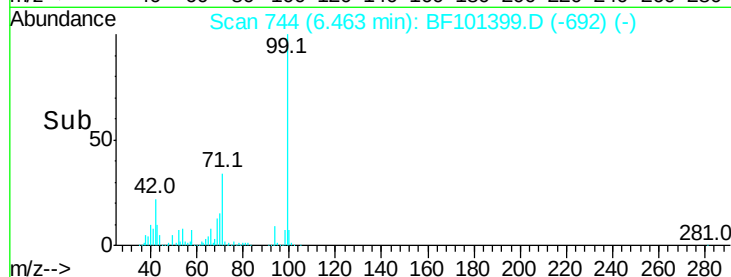
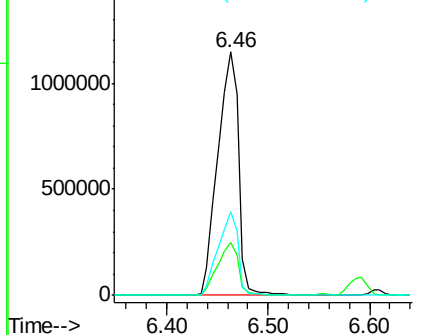
12/15/2017 6:44:04 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.753 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

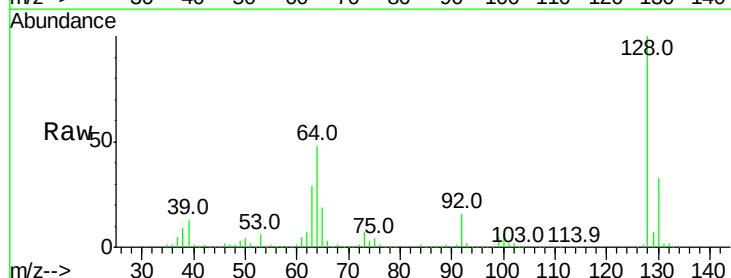
Tgt Ion: 128 Resp: 488685

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

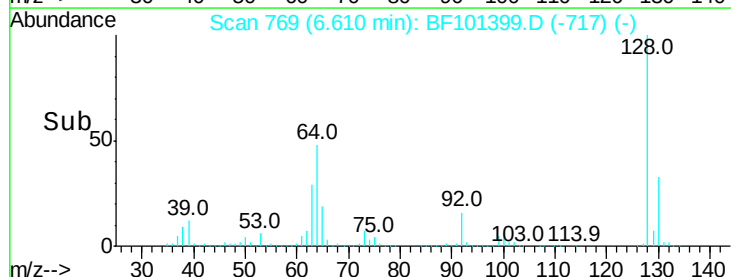
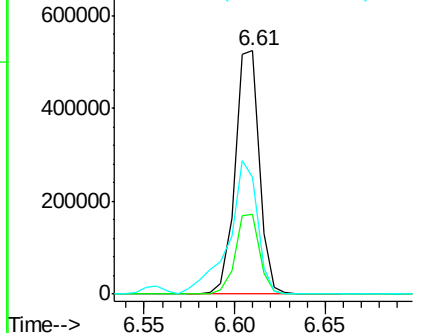
64 47.9 29.4 69.4

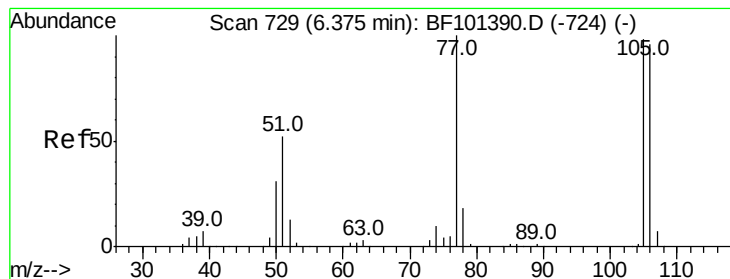


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.258 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

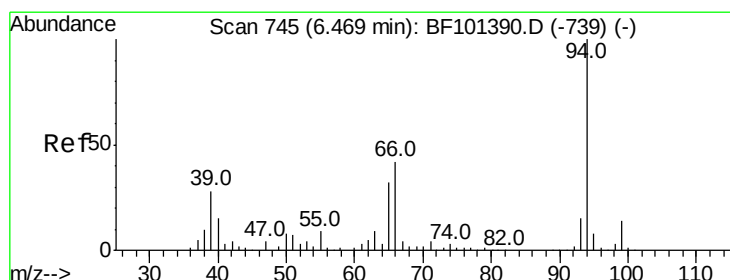
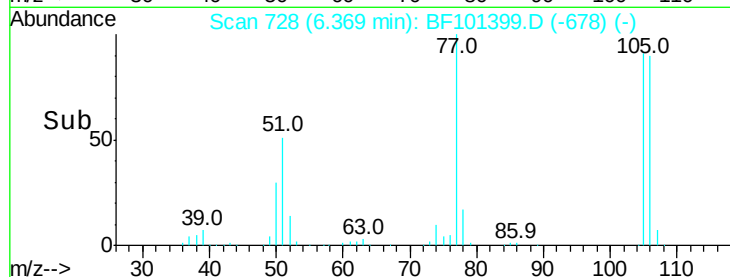
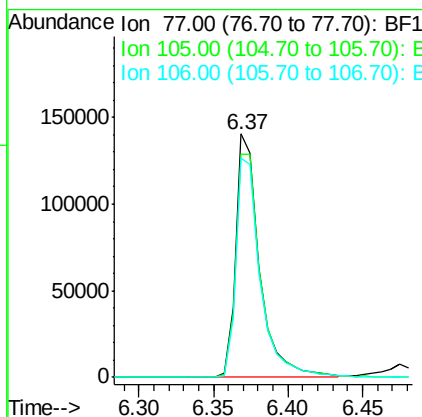
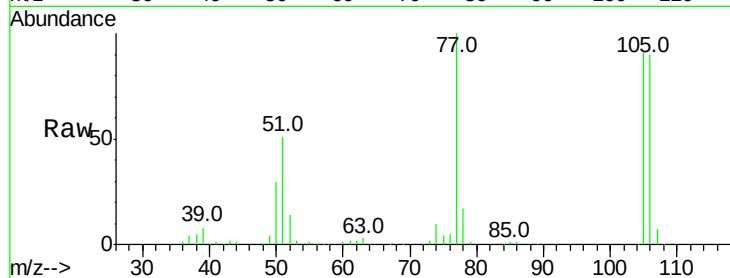
ClientSampleId :

PB104947BS

Tot Ion:	77	Resp:	157099
Ion Ratio	Lower	Upper	
77	100		
105	91.5	81.1	121.1
106	90.0	74.5	114.5

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#10

Phenol

Concen: 36.090 ng

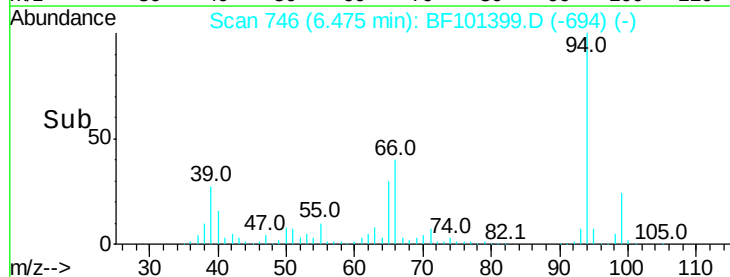
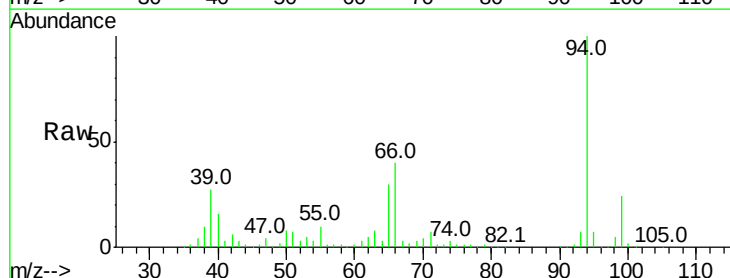
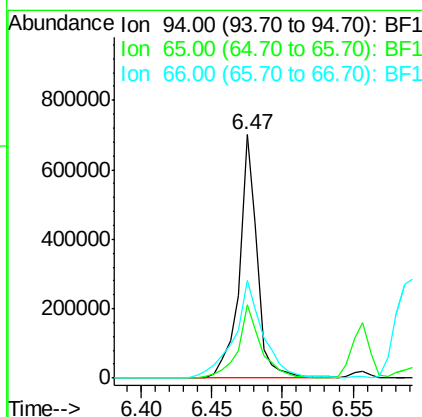
RT: 6.47 min Scan# 746

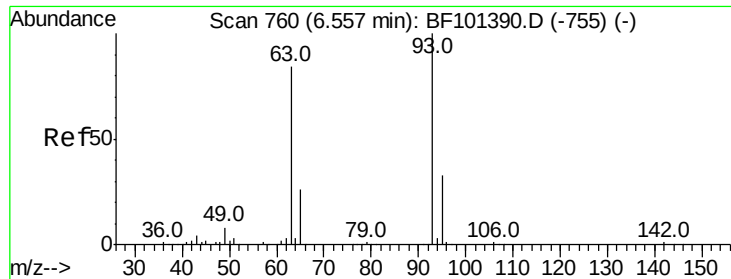
Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:	94	Resp:	613678
Ion Ratio	Lower	Upper	
94	100		
65	30.3	7.9	47.9
66	40.4	16.2	56.2





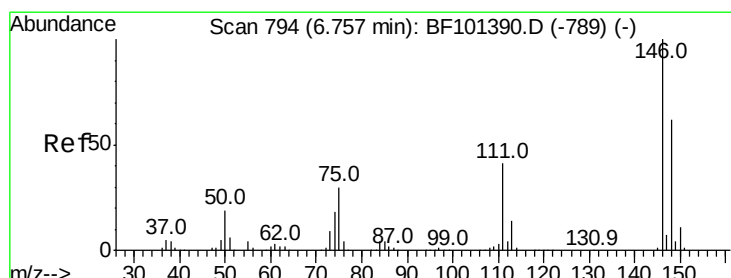
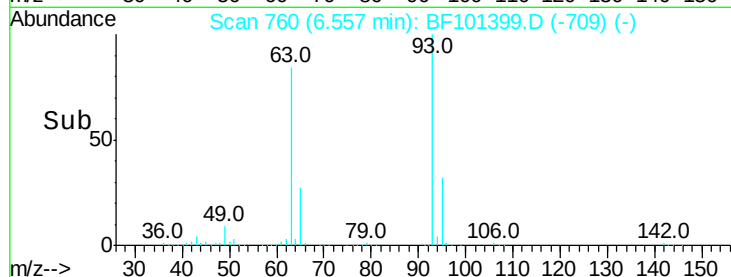
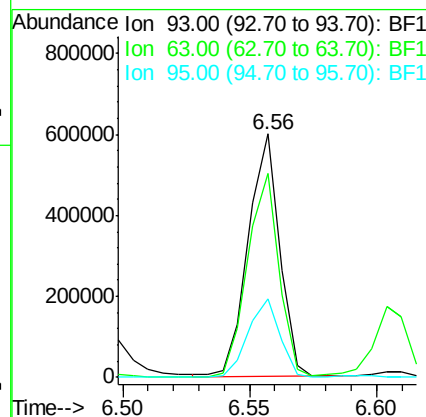
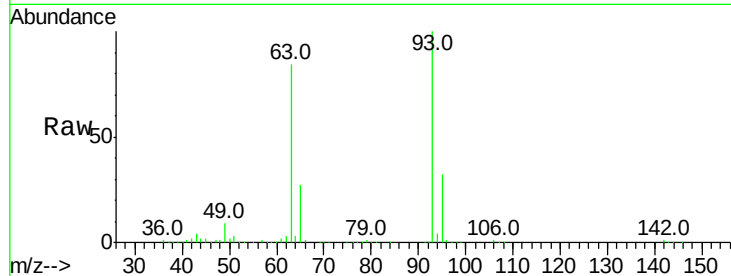
#11
bis(2-Chloroethyl)ether
Concen: 38.875 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	93	Resp	518519
Ion Ratio	100	Lower	Upper
93	100		
63	84.0	58.6	98.6
95	32.2	11.8	51.8

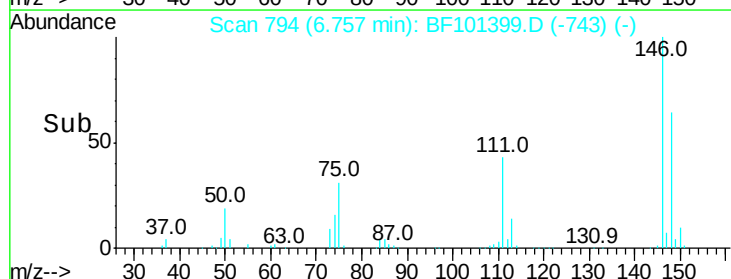
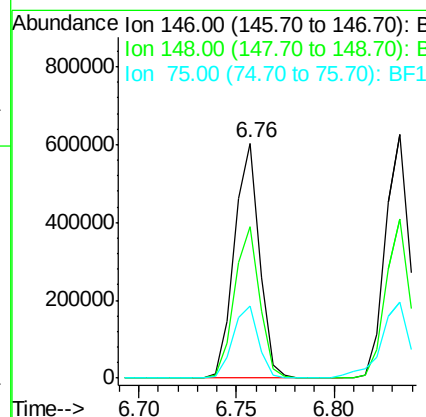
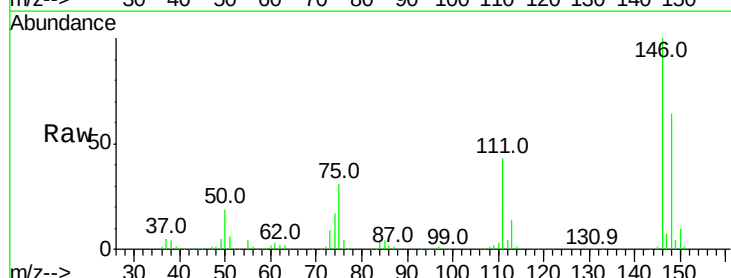
Manual Integrations
APPROVED

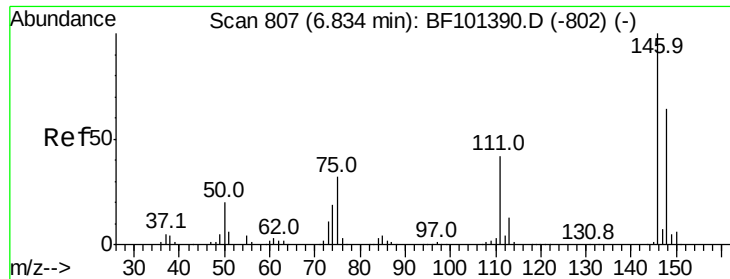
Sohil
12/15/2017 6:44:04 PM



#12
1,3-Dichlorobenzene
Concen: 37.933 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	146	Resp	539864
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	30.9	24.2	36.4





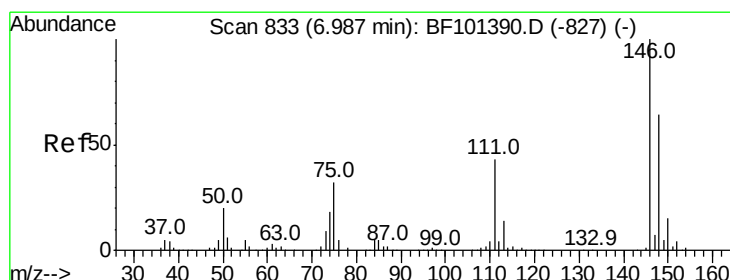
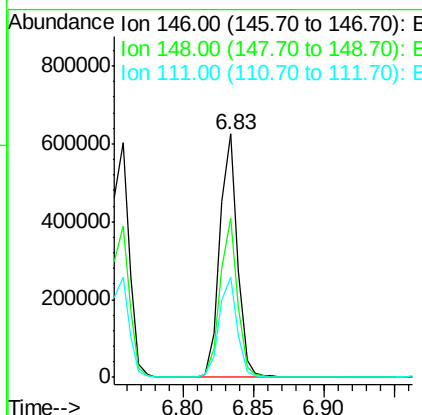
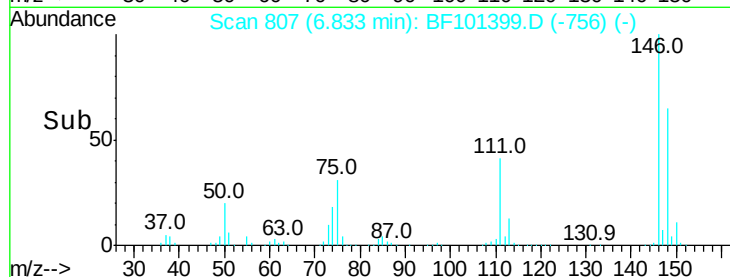
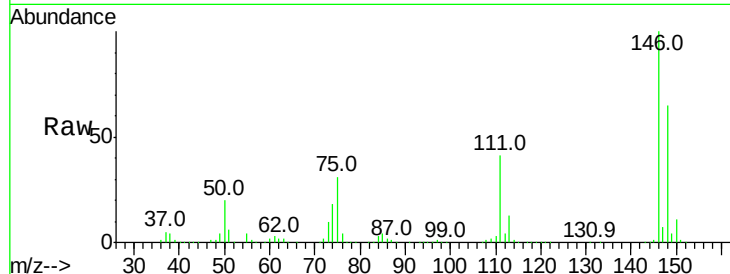
#13
1,4-Dichlorobenzene
Concen: 37.351 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	41.2	34.2	51.2

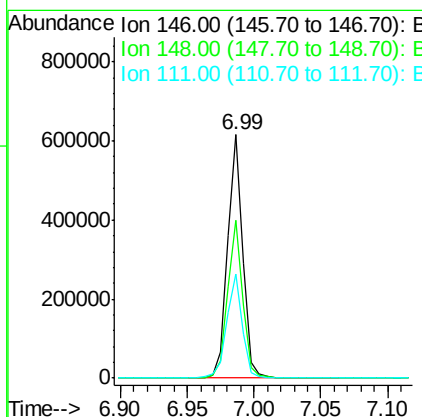
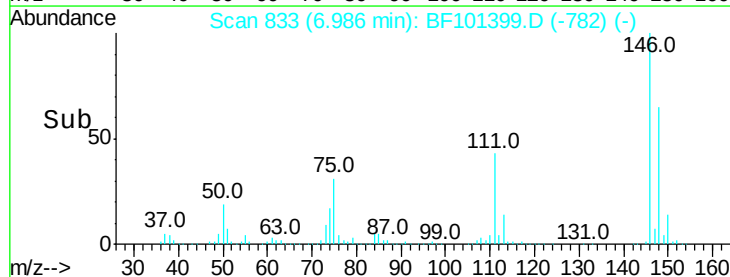
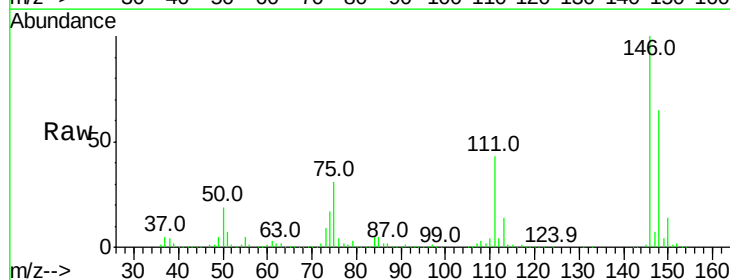
Manual Integrations
APPROVED

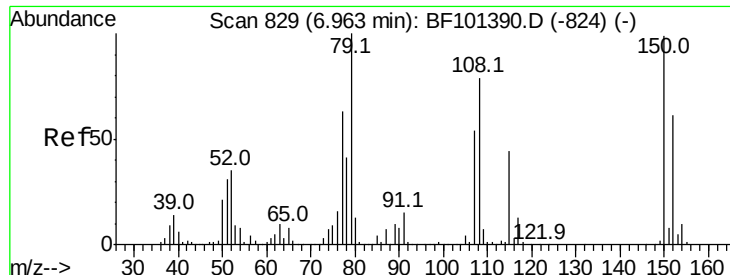
Sohil
12/15/2017 6:44:04 PM



#14
1,2-Dichlorobenzene
Concen: 37.801 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	42.6	36.0	54.0





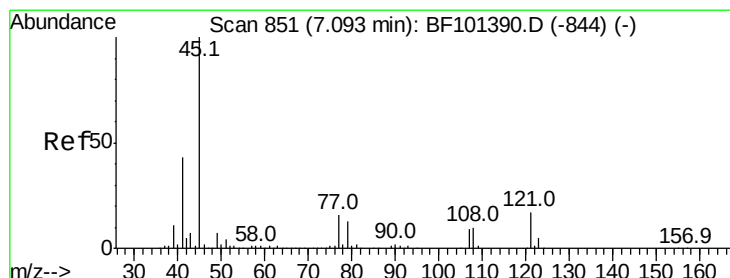
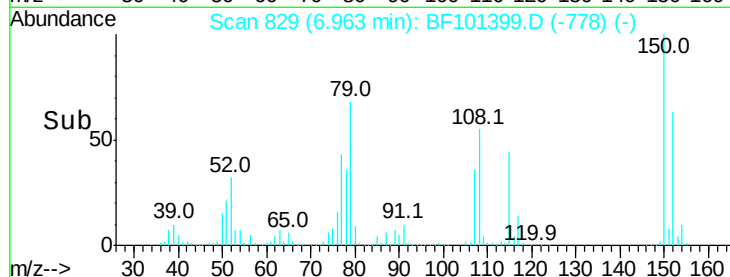
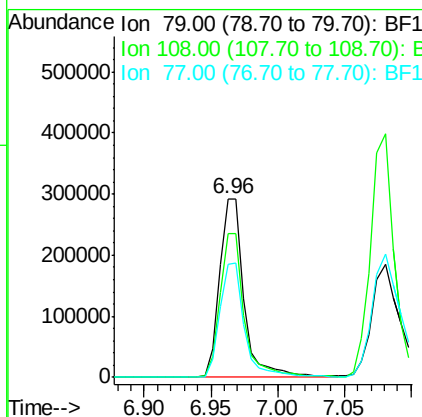
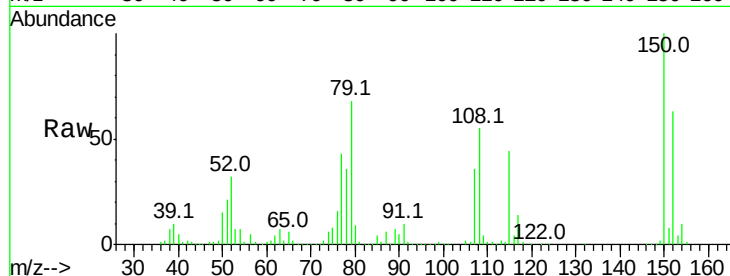
#15
Benzyl Alcohol
Concen: 36.924 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampled :
PB104947BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	63.5	50.6	75.8

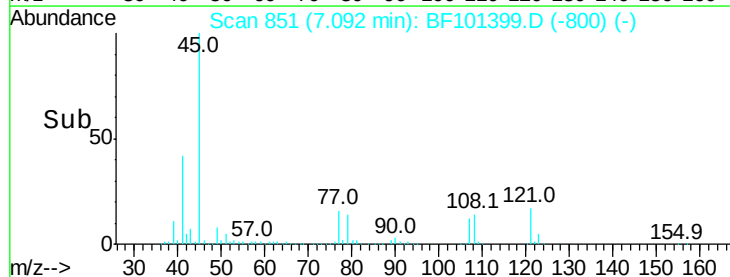
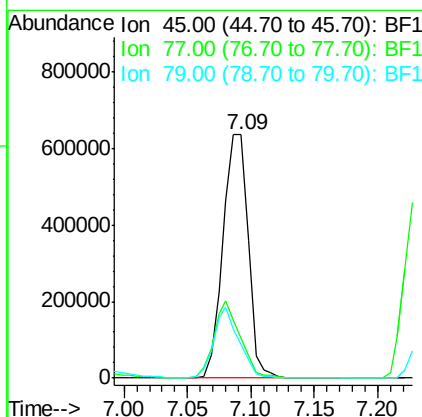
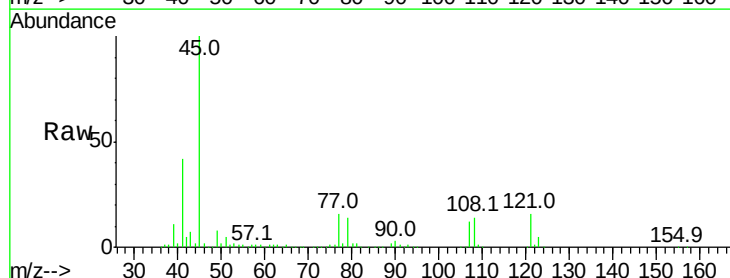
Manual Integrations
APPROVED

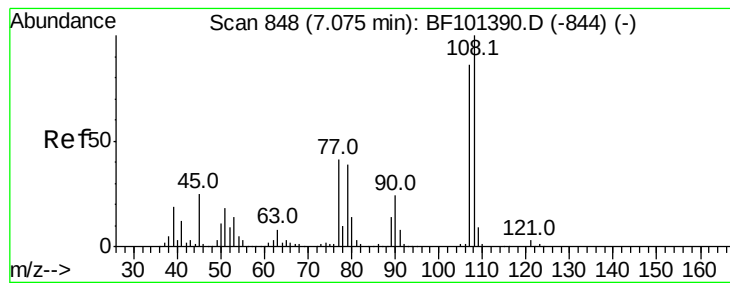
Sohil
12/15/2017 6:44:04 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.884 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	32.9
79	13.9	0.0	29.6





#17

2-Methylphenol

Concen: 36.220 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion:107 Resp: 420137
Ion Ratio Lower Upper

107 100

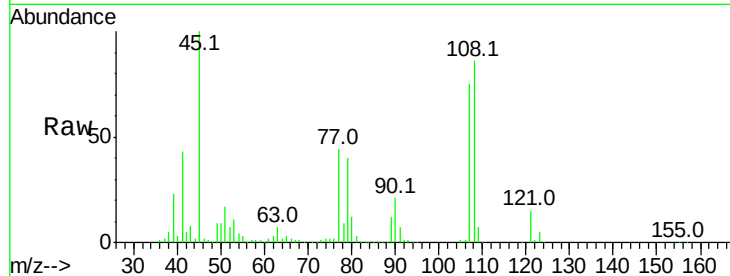
108 114.5 91.7 137.5

77 58.0 33.8 50.8#

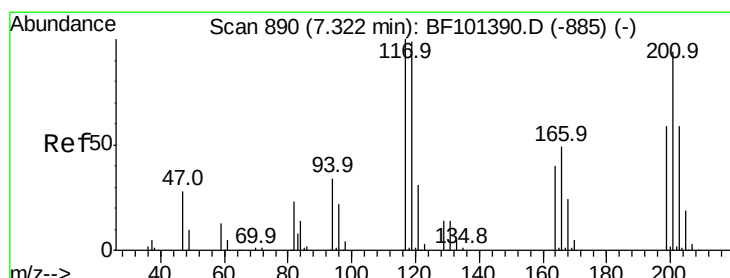
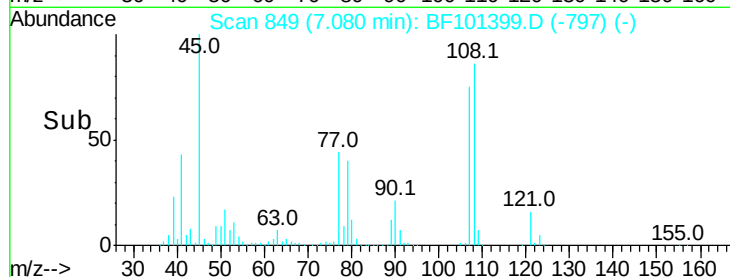
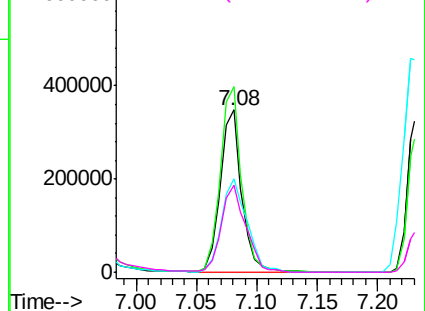
79 53.4 33.8 50.8#

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



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



#18

Hexachloroethane

Concen: 38.674 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

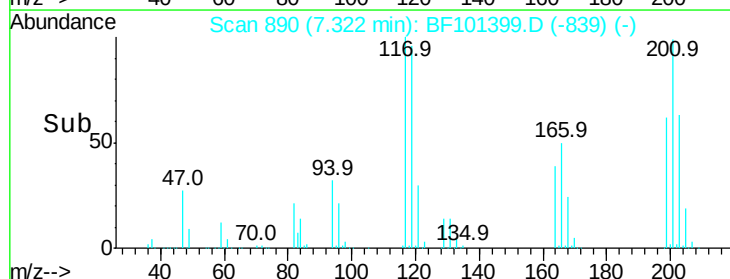
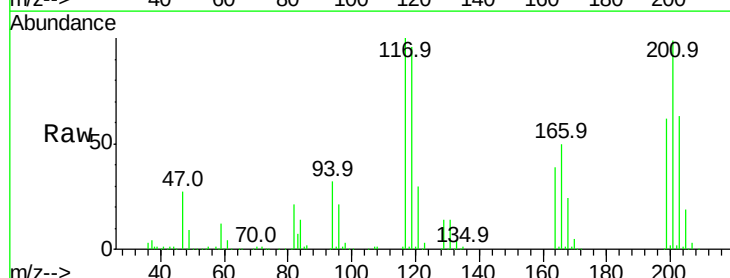
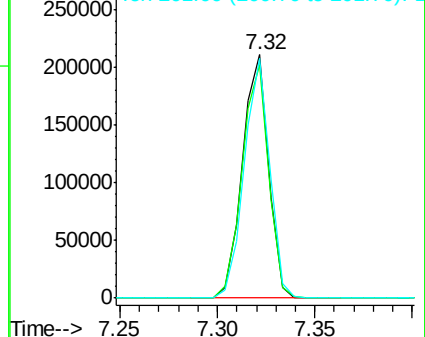
Tgt Ion:117 Resp: 195421
Ion Ratio Lower Upper

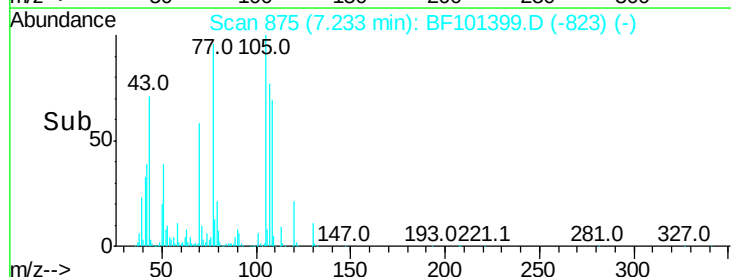
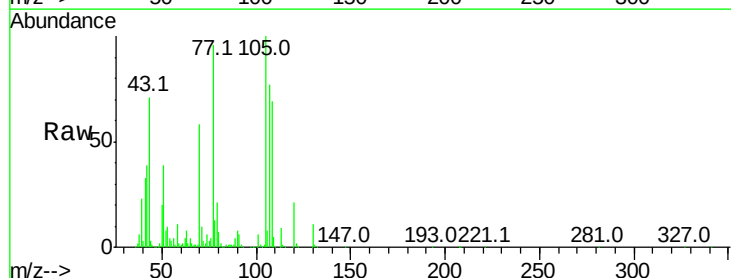
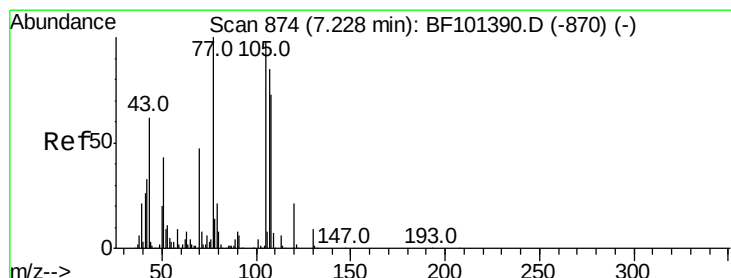
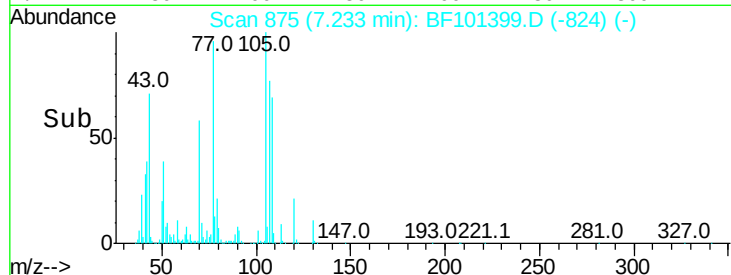
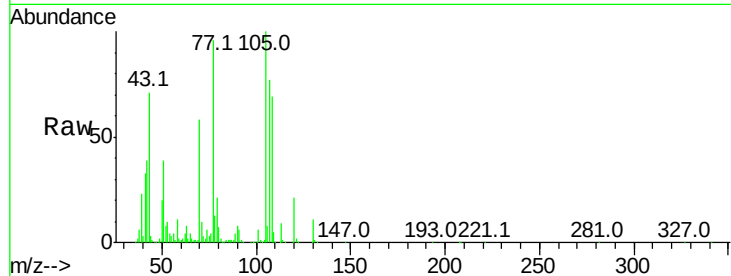
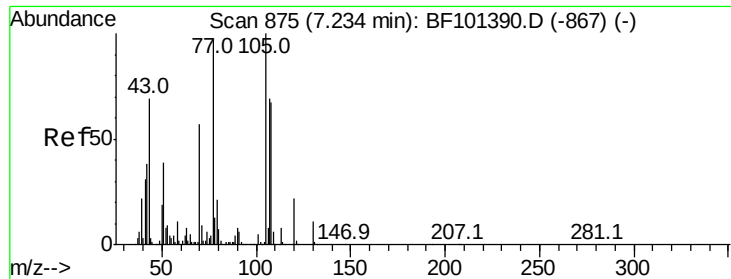
117 100

119 95.8 75.8 113.8

201 98.5 75.7 113.5

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





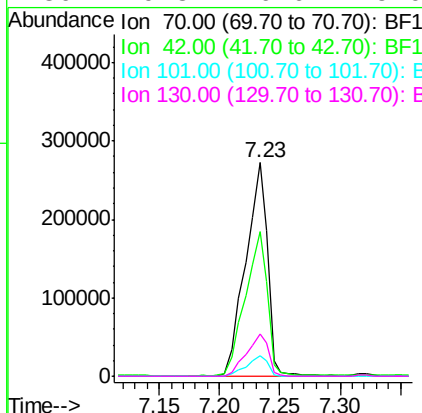
#19
n-Nitroso-di-n-propylamine
Concen: 35.452 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		347351		
42	67.8	47.5	71.3		
101	9.6	7.4	11.2		
130	19.8	16.6	25.0		

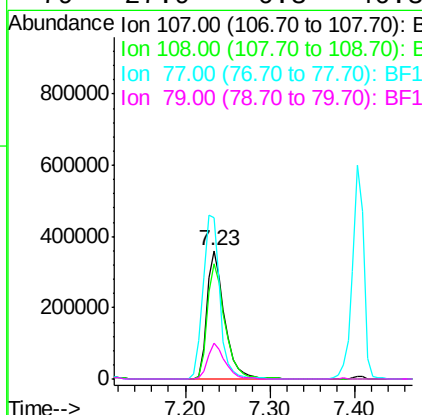
Manual Integrations
APPROVED

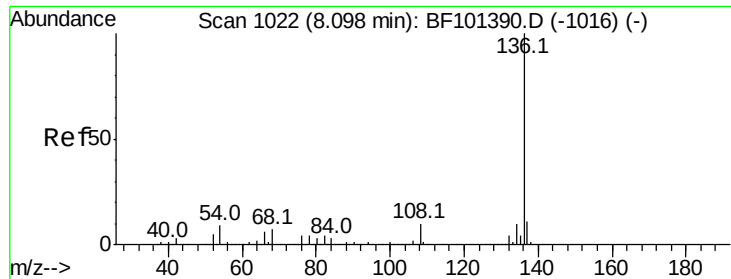
Sohil
12/15/2017 6:44:04 PM



#20
3+4-Methylphenols
Concen: 42.066 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		517065		
108	89.9	68.2	108.2		
77	125.6	26.7	66.7#		
79	27.9	6.3	46.3		





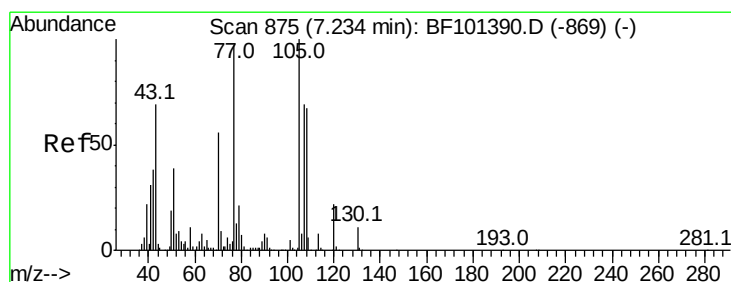
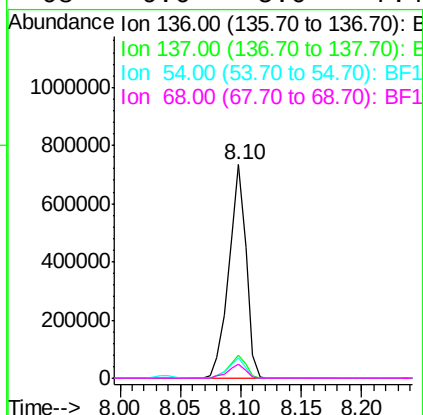
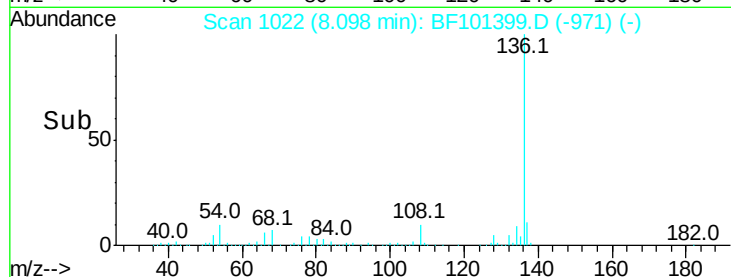
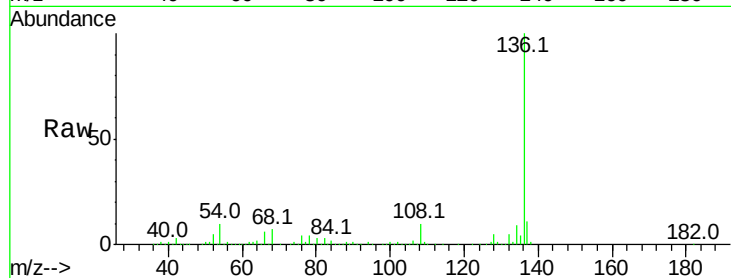
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	9.6	6.6	9.8	
68	6.6	5.0	7.4	

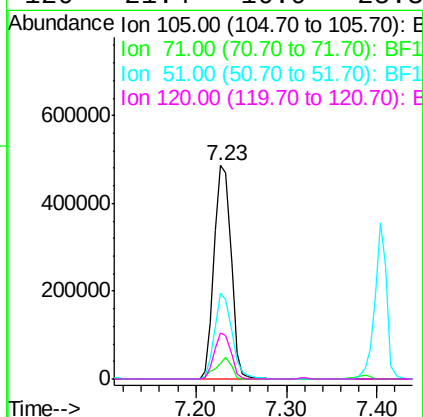
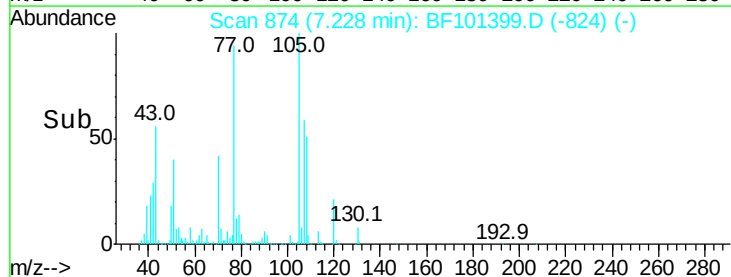
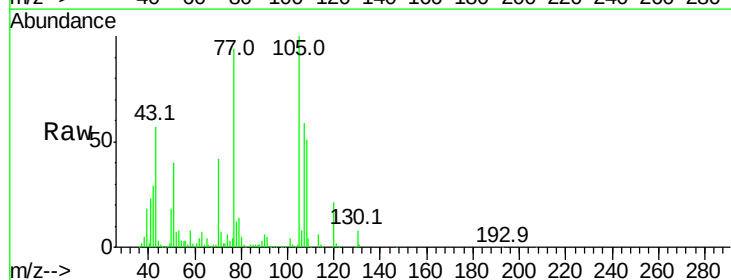
Manual Integrations
APPROVED

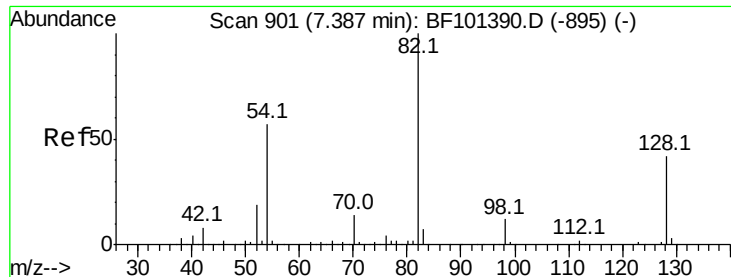
Sohil
12/15/2017 6:44:04 PM



#22
Acetophenone
Concen: 38.035 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	40.2	22.3	33.5#	
120	21.4	16.9	25.3	





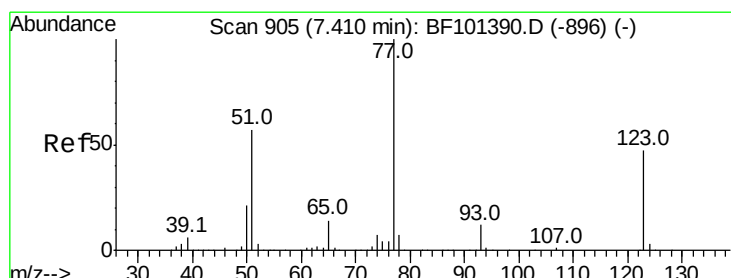
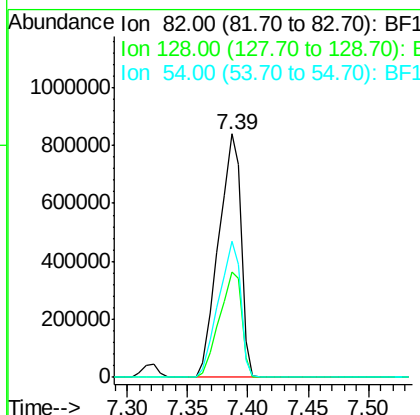
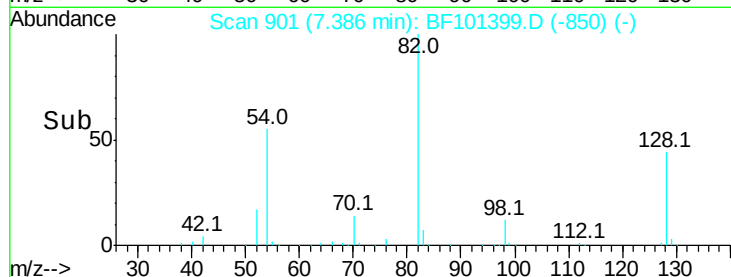
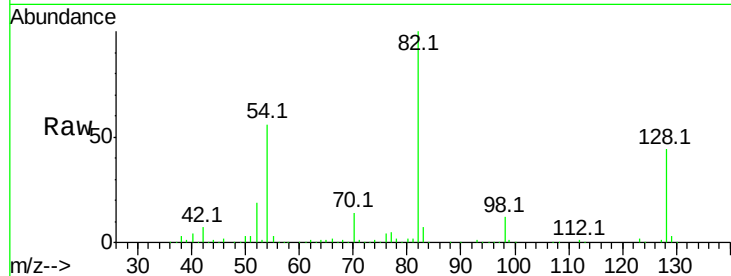
#23
Nitrobenzene-d5
Concen: 82.339 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion: 82 Resp: 1077589
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 55.7 41.4 62.2

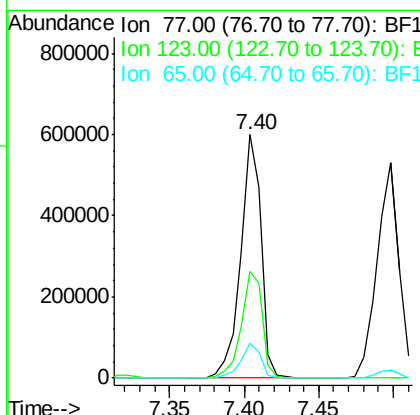
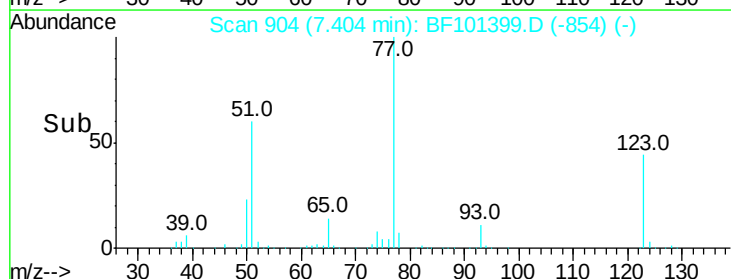
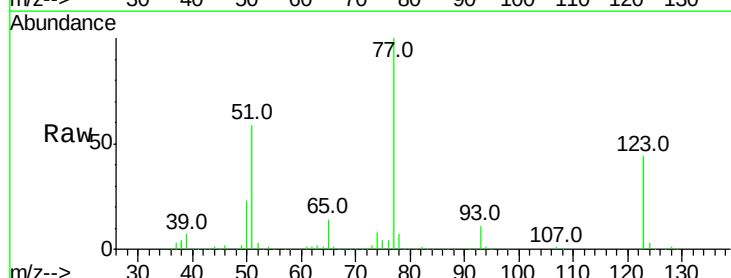
Manual Integrations
APPROVED

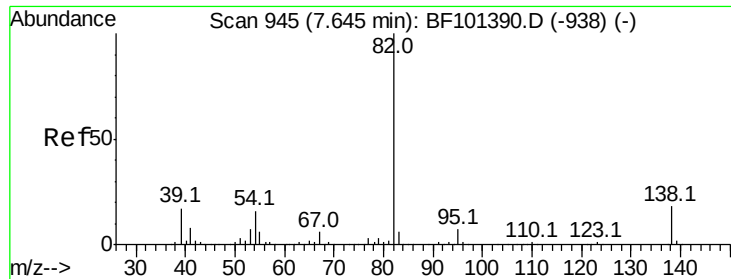
Sohil
12/15/2017 6:44:04 PM



#24
Nitrobenzene
Concen: 39.113 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion: 77 Resp: 566525
Ion Ratio Lower Upper
77 100
123 44.0 37.9 56.9
65 14.3 11.0 16.4





#25

Isophorone

Concen: 40.777 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion: 82 Resp: 1070538

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

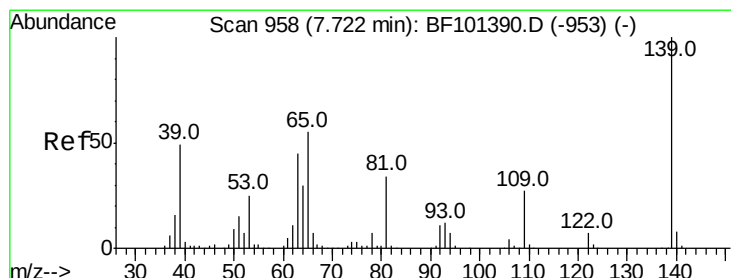
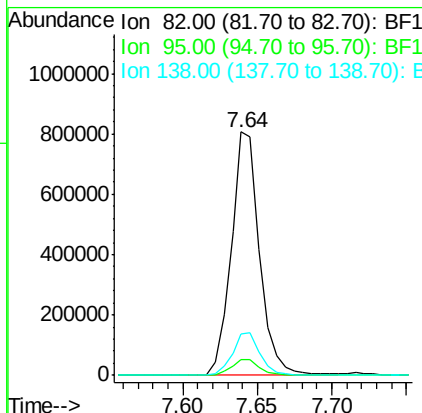
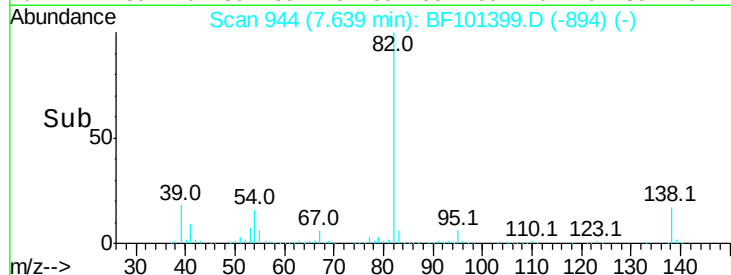
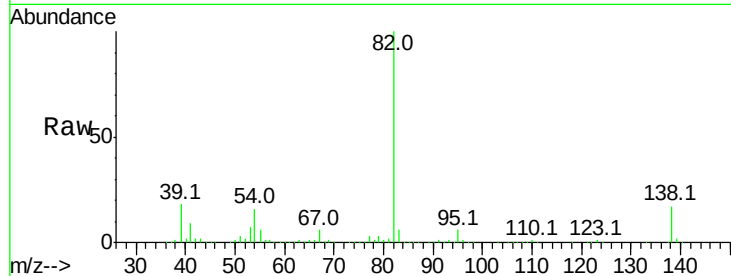
138 16.9 14.9 22.3

Manual Integrations

APPROVED

Sohil

12/15/2017 6:44:04 PM



#26

2-Nitrophenol

Concen: 45.009 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

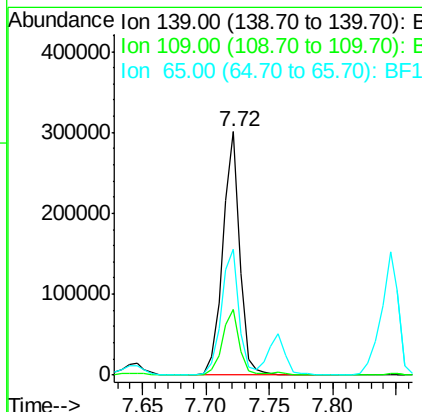
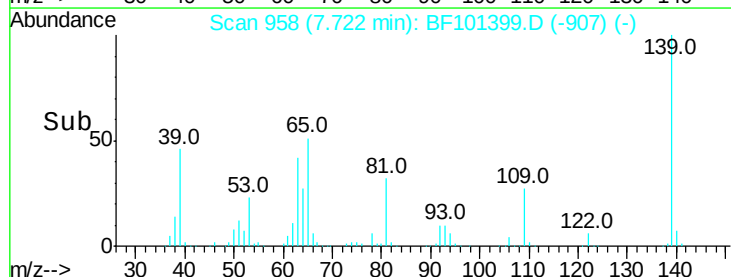
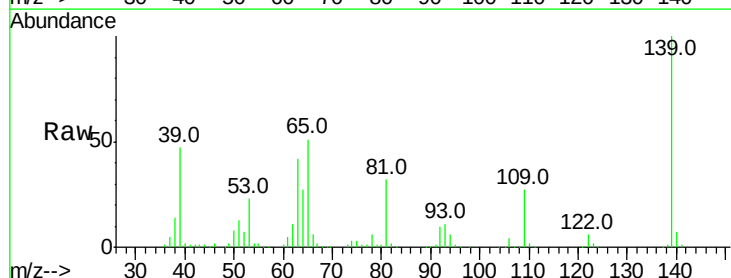
Tgt Ion: 139 Resp: 280076

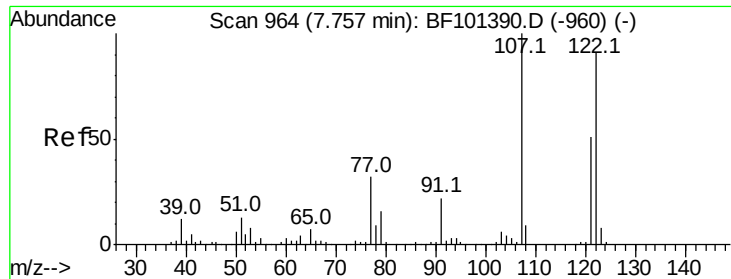
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 51.5 40.5 60.7





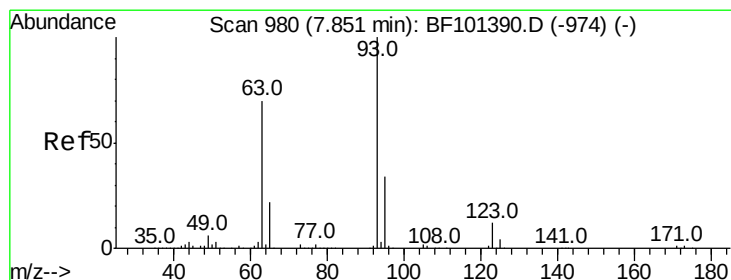
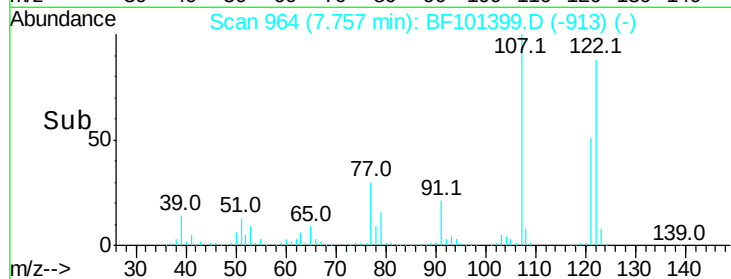
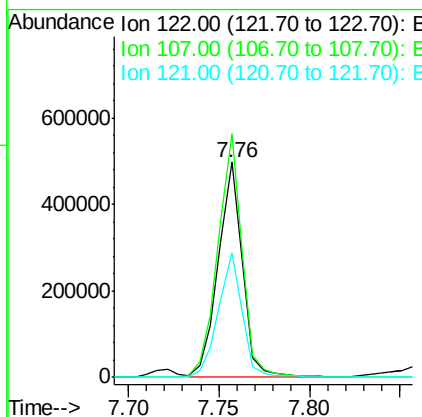
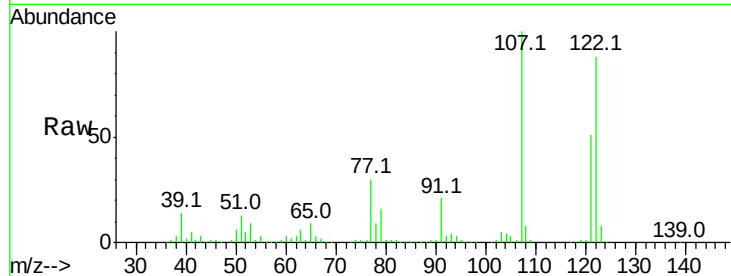
#27
 2,4-Dimethylphenol
 Concen: 43.887 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	463953		
107	113.2	91.2	136.8	
121	57.8	47.2	70.8	

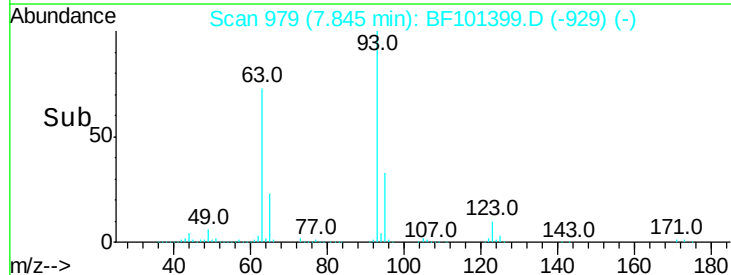
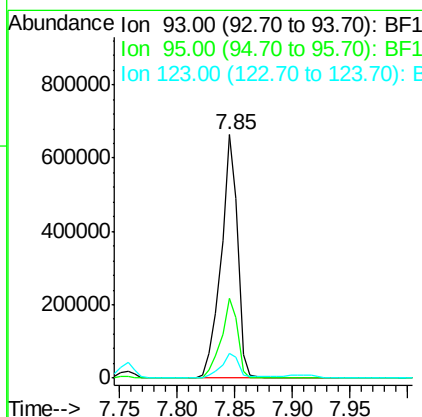
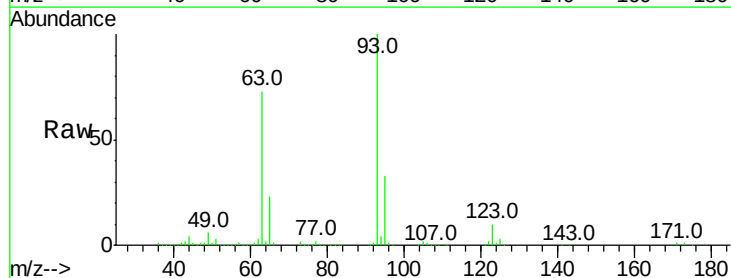
Manual Integrations
 APPROVED

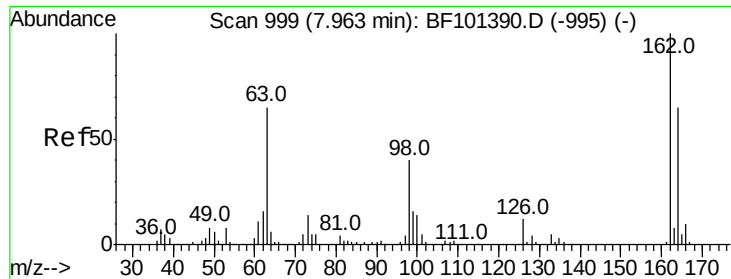
Sohil
 12/15/2017 6:44:04 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.565 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	659831		
95	32.7	26.3	39.5	
123	10.2	9.8	14.6	





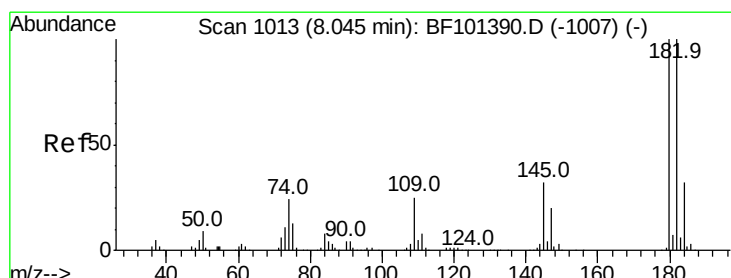
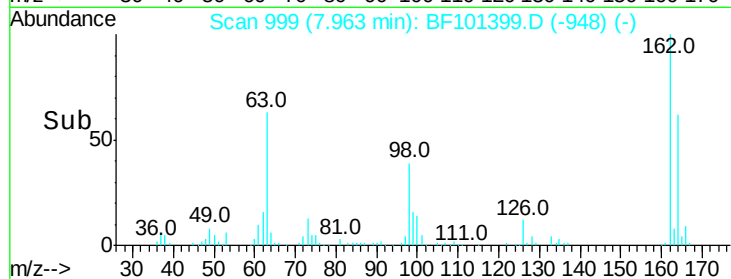
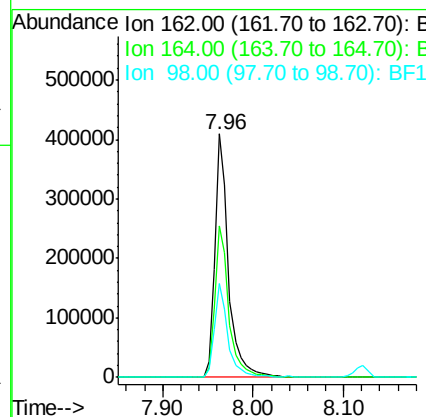
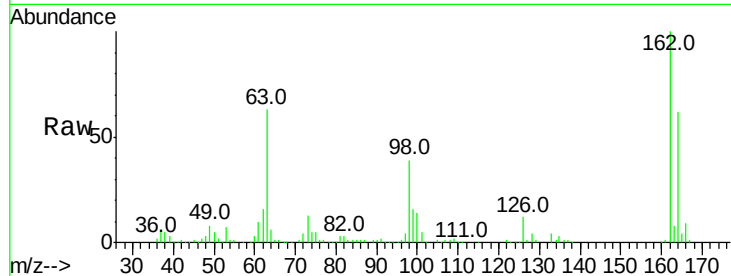
#29
 2,4-Dichlorophenol
 Concen: 41.552 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleID :
 PB104947BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	38.7	18.1	58.1

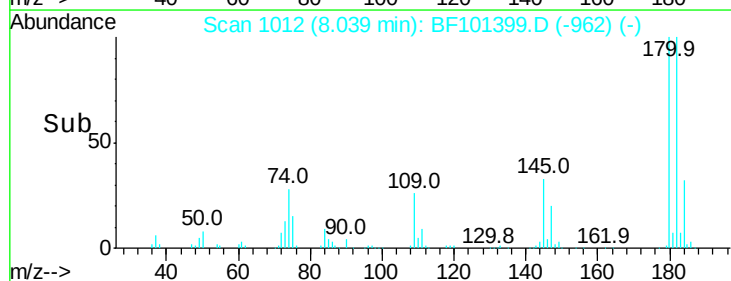
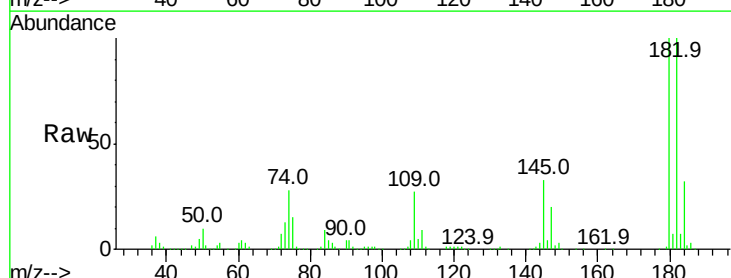
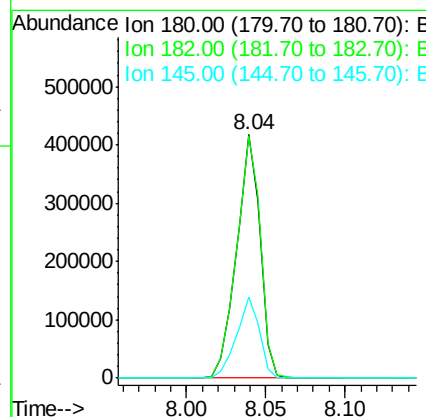
Manual Integrations
 APPROVED

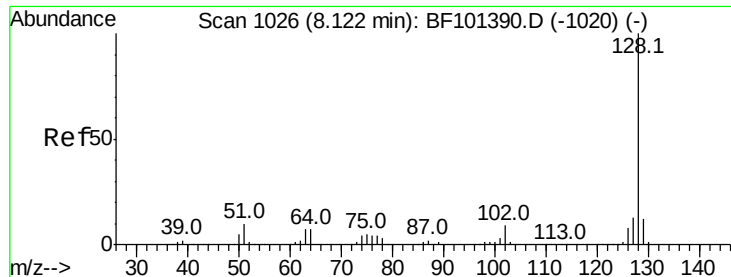
Sohil
 12/15/2017 6:44:04 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.830 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	33.0	26.5	39.7





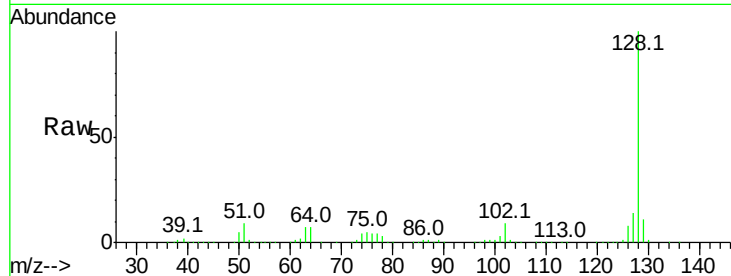
#31
Naphthalene
Concen: 37.962 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

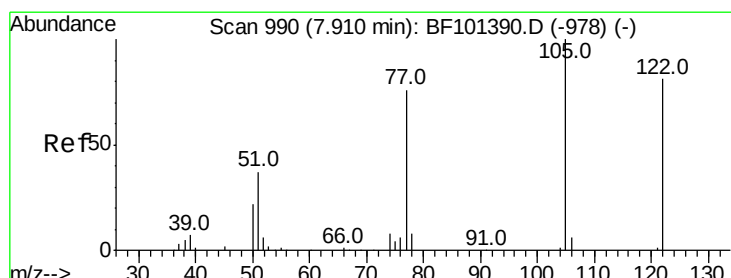
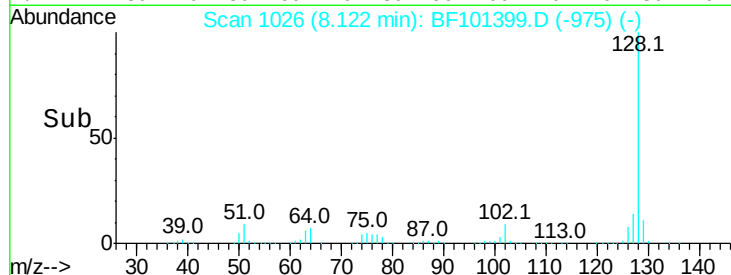
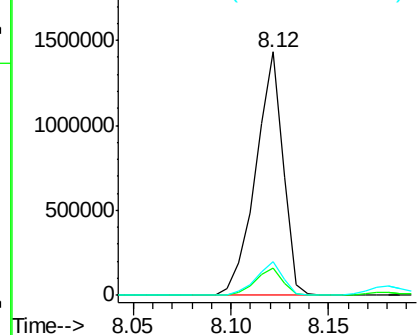
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.9	10.9	16.3

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM

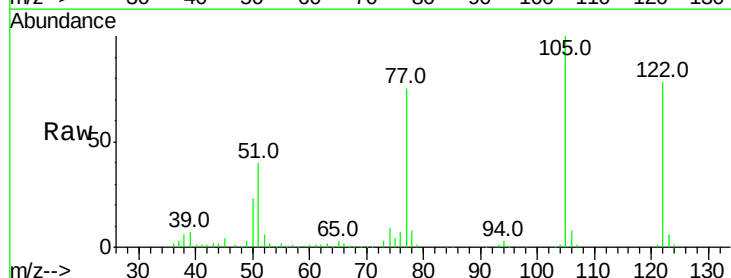


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

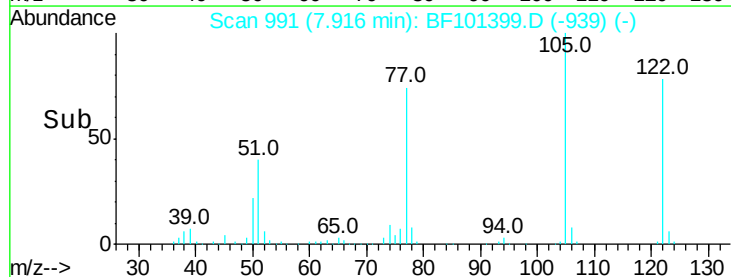
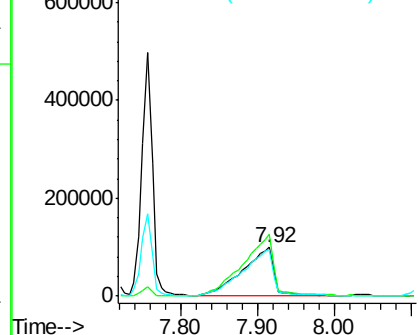


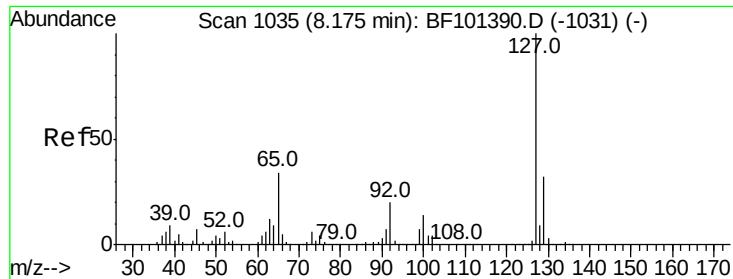
#32
Benzoic acid
Concen: 40.825 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.7	101.1	141.1
77	96.5	70.7	110.7



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





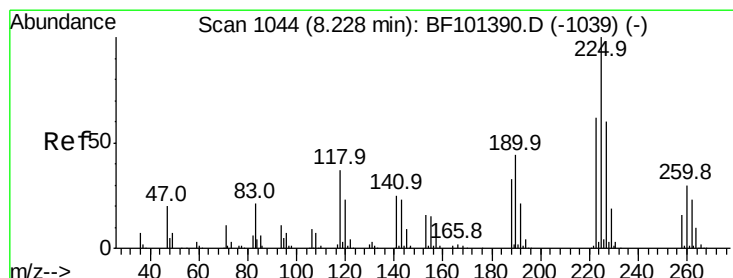
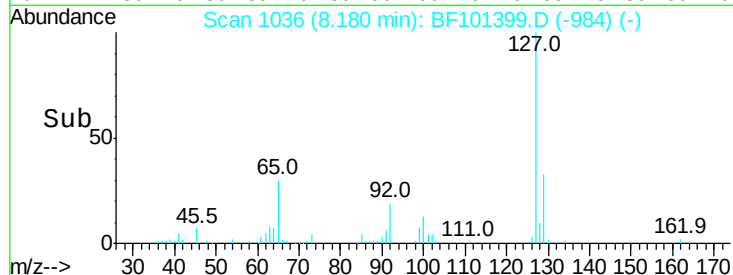
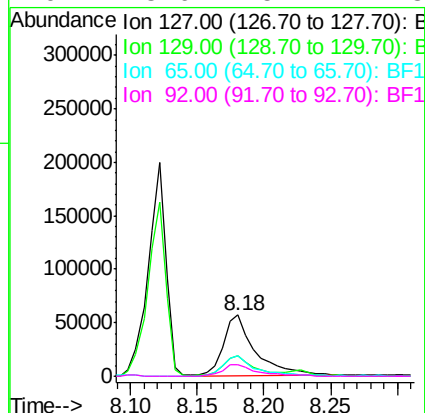
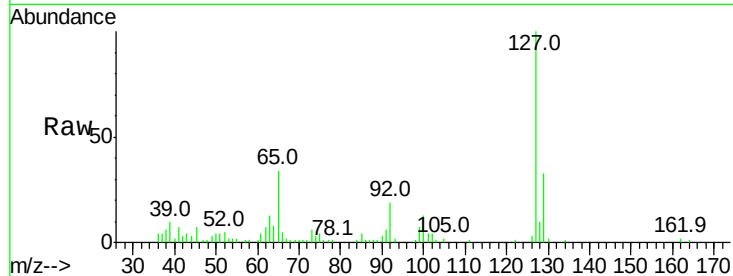
#33
4-Chloroaniline
Concen: 5.887 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	33.6	25.0	37.4		
92	18.6	15.2	22.8		

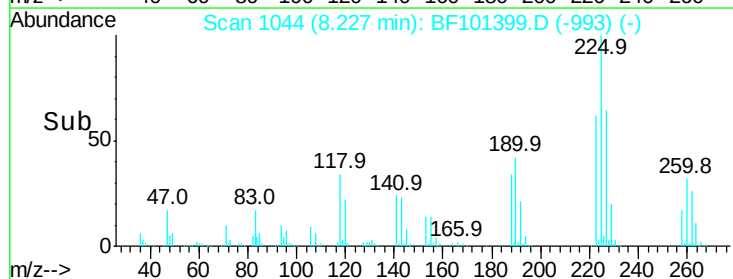
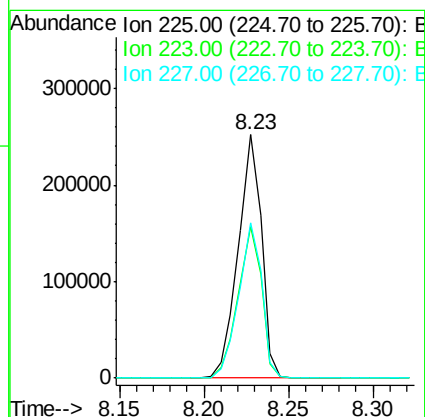
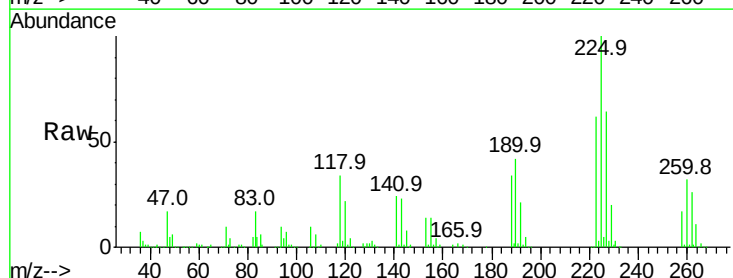
Manual Integrations
APPROVED

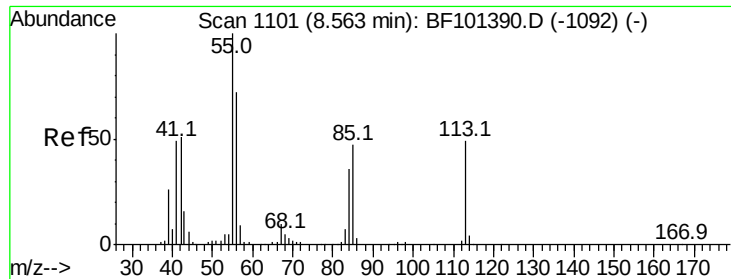
Sohil
12/15/2017 6:44:04 PM



#34
Hexachlorobutadiene
Concen: 38.115 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.6	76.0		
227	63.6	51.9	77.9		





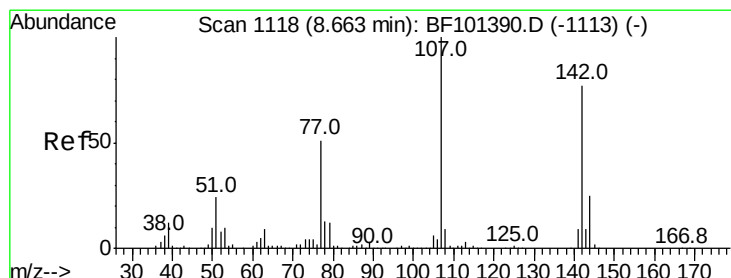
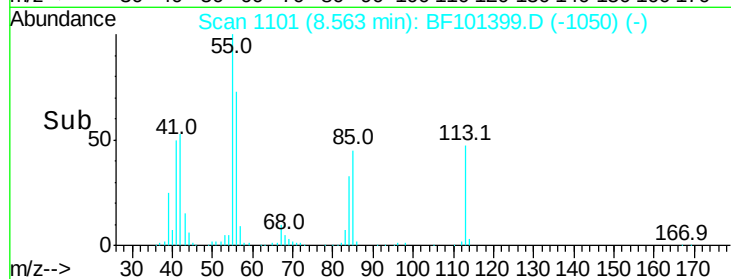
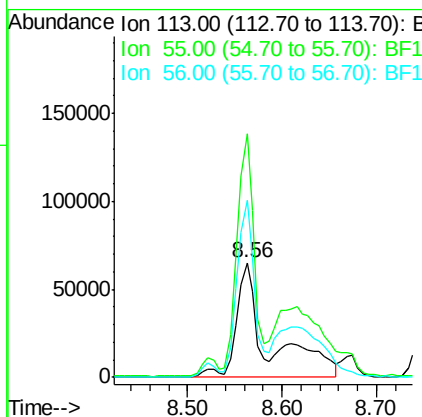
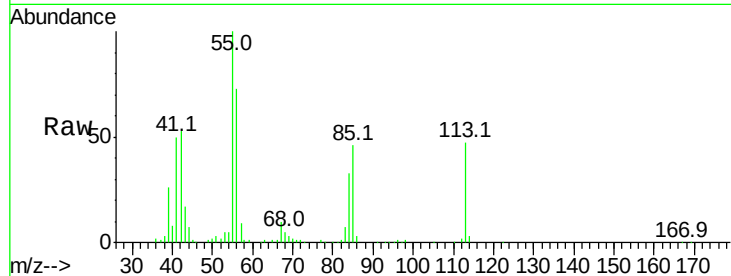
#35
Caprolactam
Concen: 42.419 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.7	163.3	203.3#
56	154.9	115.7	155.7

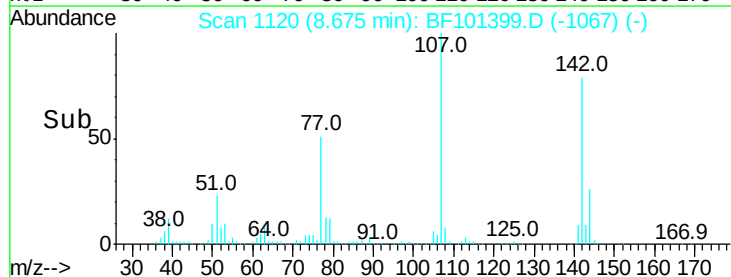
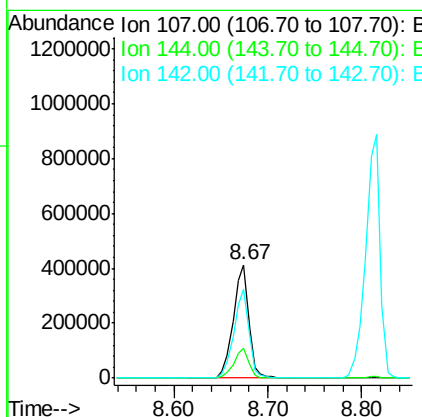
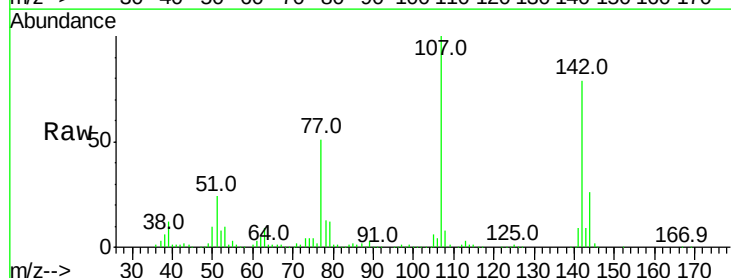
Manual Integrations
APPROVED

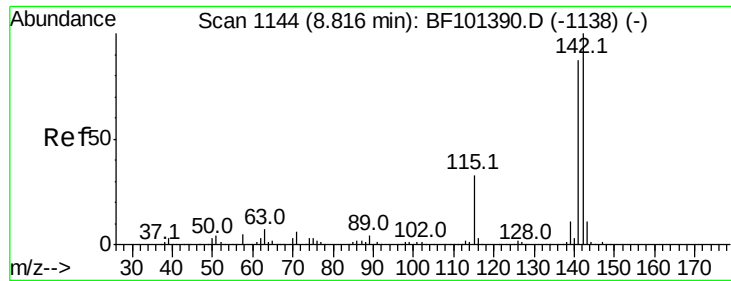
Sohil
12/15/2017 6:44:04 PM



#36
4-Chloro-3-methylphenol
Concen: 40.972 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	78.5	62.0	93.0





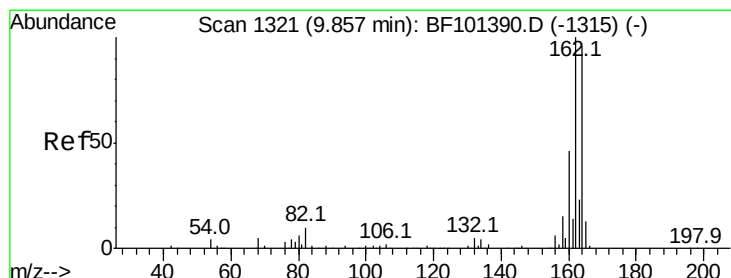
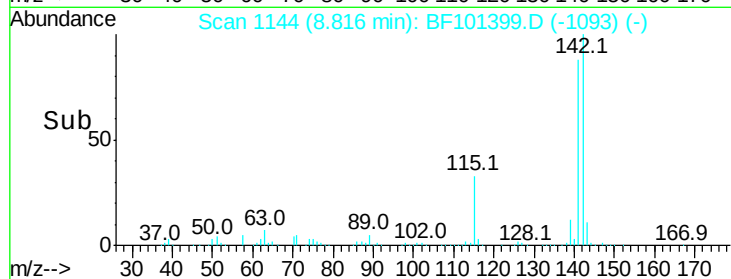
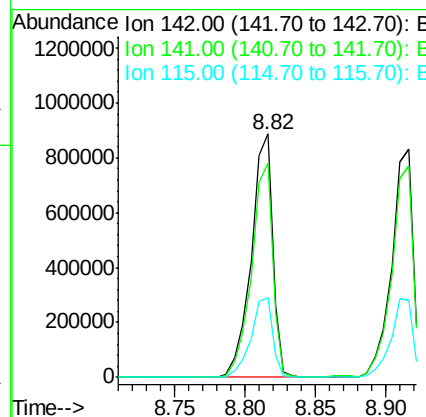
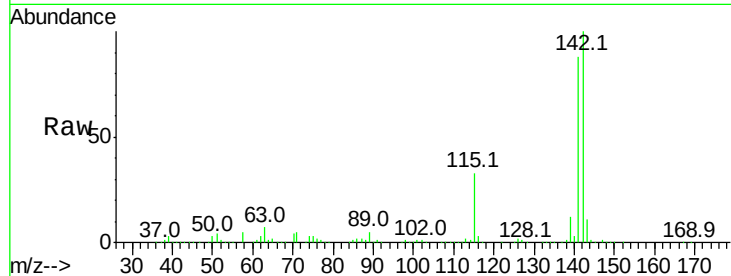
#37
2-Methylnaphthalene
Concen: 39.643 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	32.9	26.1	39.1

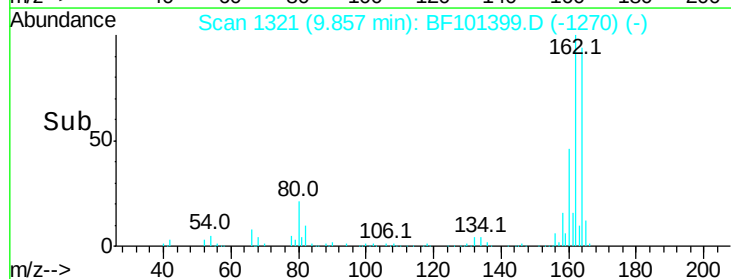
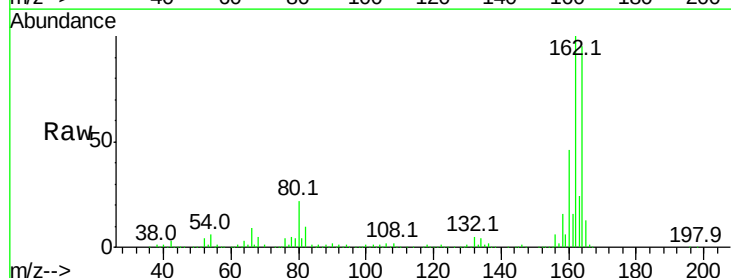
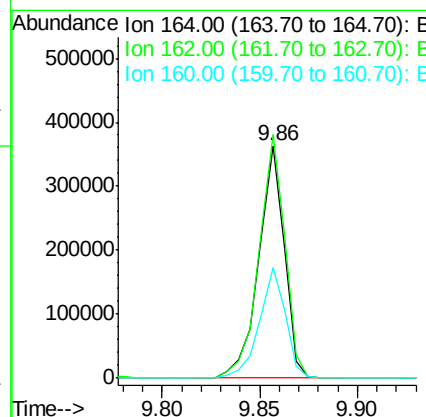
Manual Integrations
APPROVED

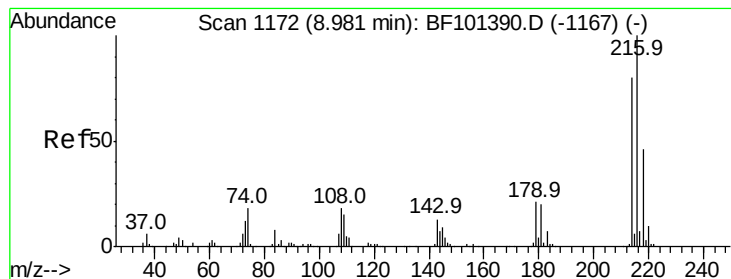
Sohil
12/15/2017 6:44:04 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	47.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.581 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

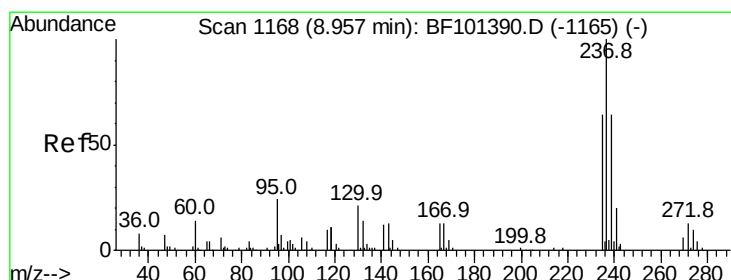
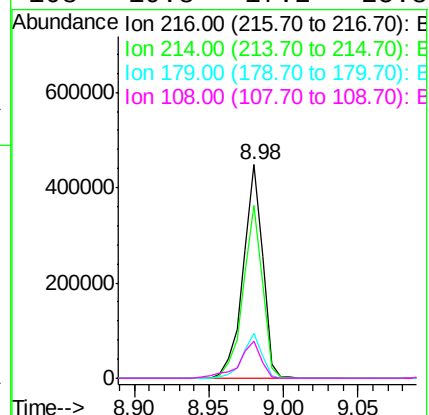
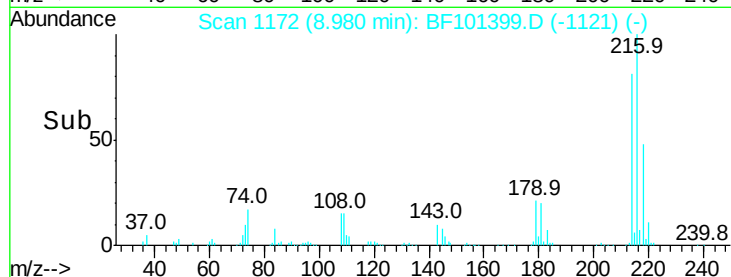
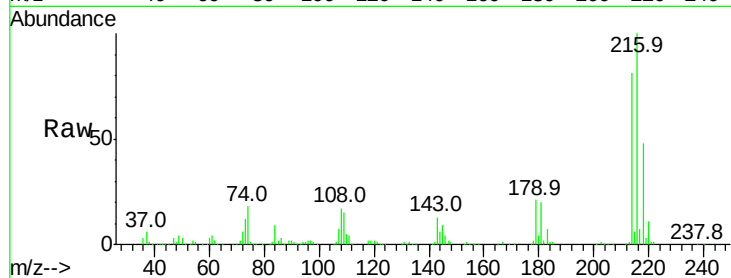
ClientSampleId :

PB104947BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.0	94.4
179	20.5	18.1	27.1
108	19.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#40

Hexachlorocyclopentadiene

Concen: 83.668 ng

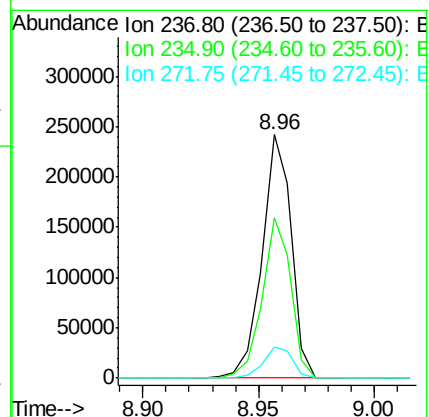
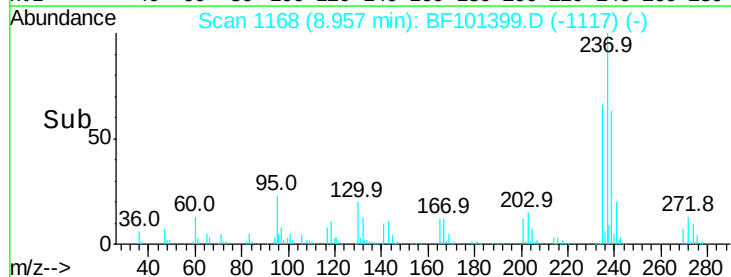
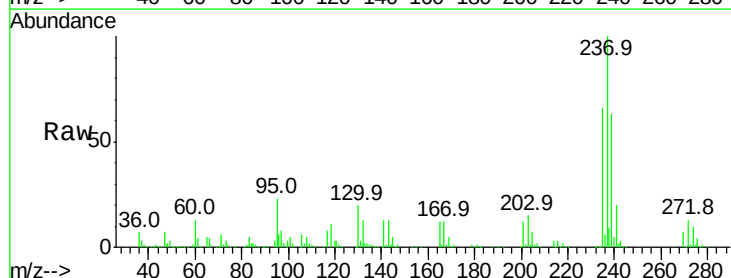
RT: 8.96 min Scan# 1168

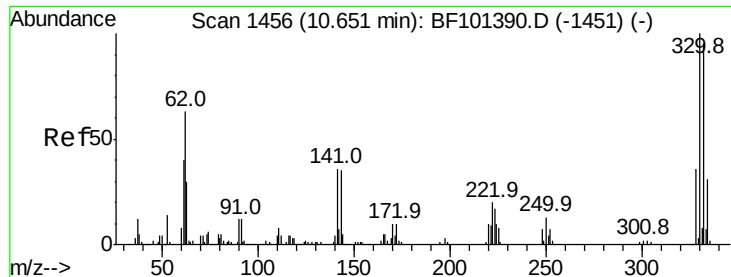
Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.7	44.8	84.8
272	13.0	0.0	33.3





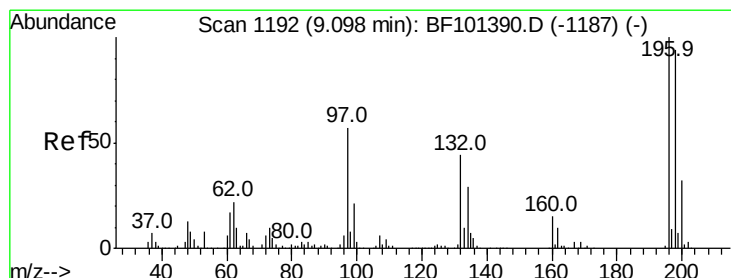
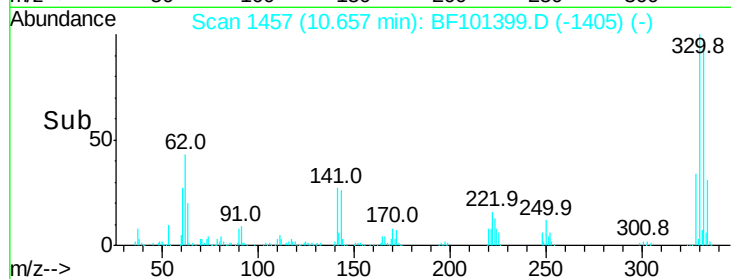
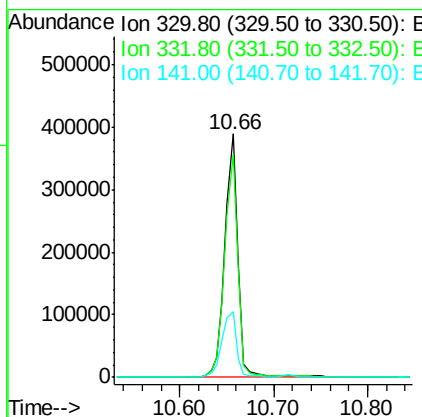
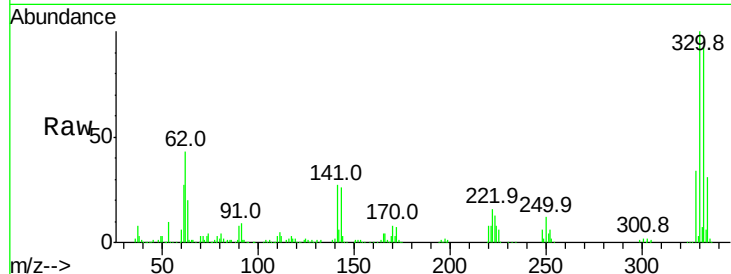
#41
 2,4,6-Tribromophenol
 Concen: 119.685 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.01 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampled :
 PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.0	77.0	115.6	
141	30.6	29.9	44.9	

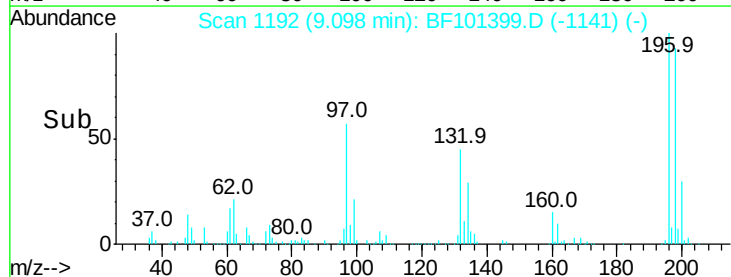
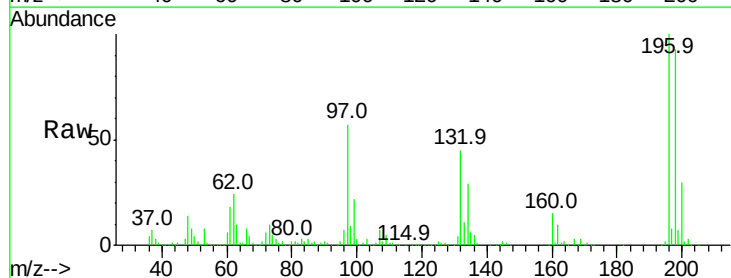
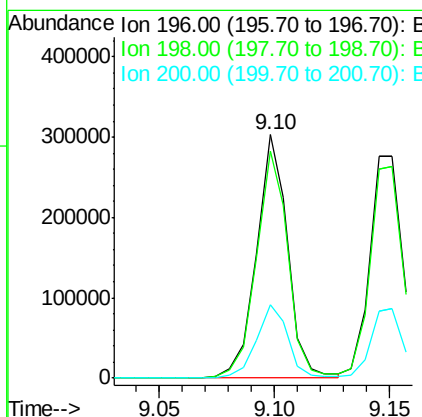
Manual Integrations
 APPROVED

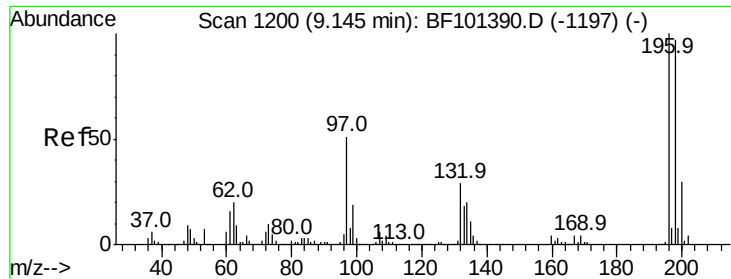
Sohil
 12/15/2017 6:44:04 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.484 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.4	75.7	113.5	
200	30.3	24.5	36.7	





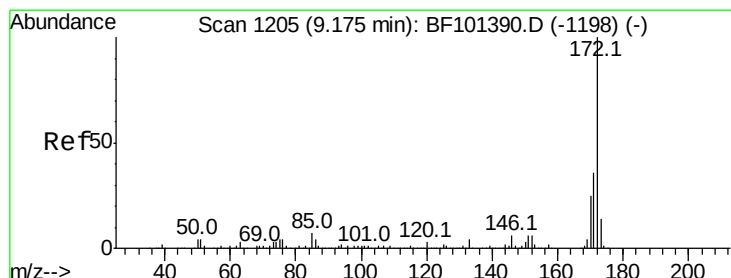
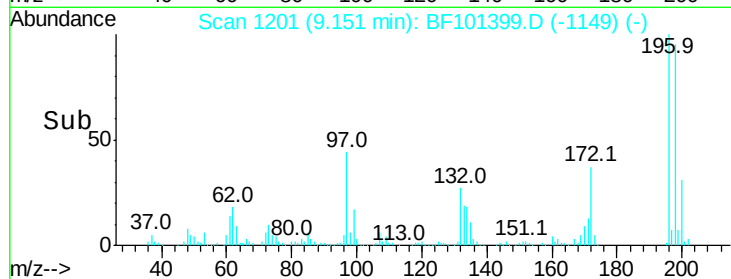
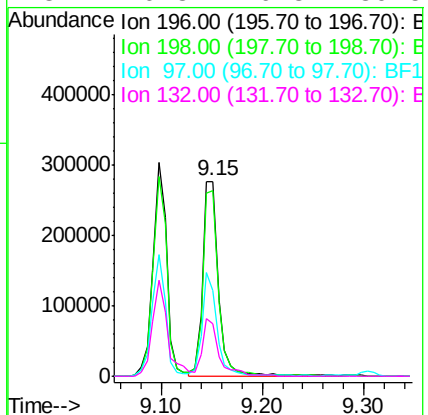
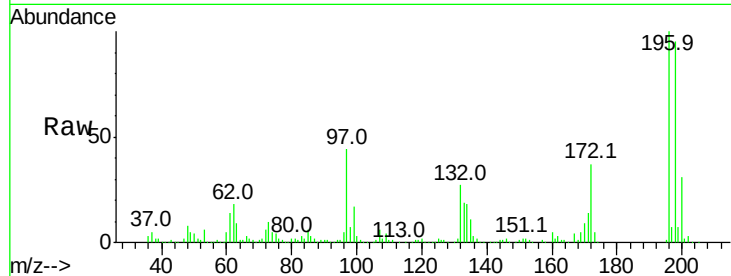
#43
 2,4,5-Trichlorophenol
 Concen: 40.222 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295916		
198	95.4	74.6	112.0	
97	44.0	42.9	64.3	
132	26.8	26.3	39.5	

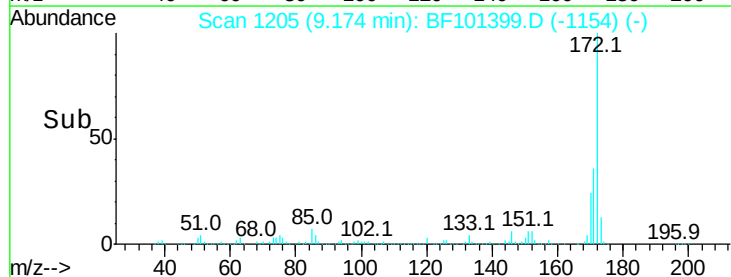
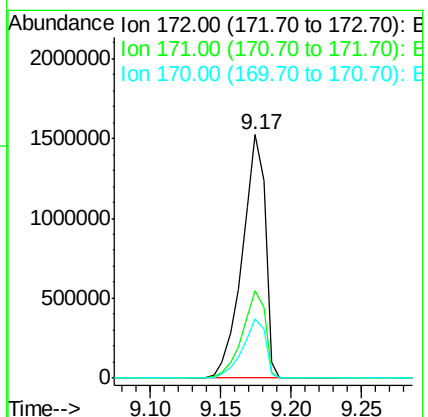
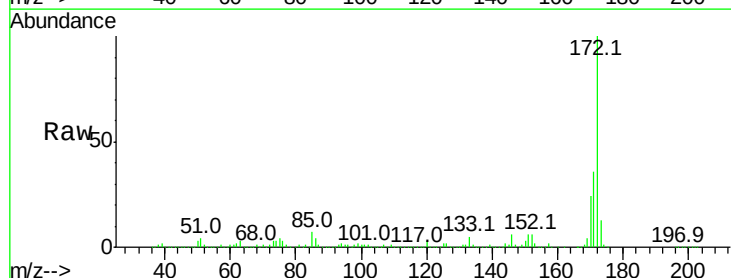
Manual Integrations
 APPROVED

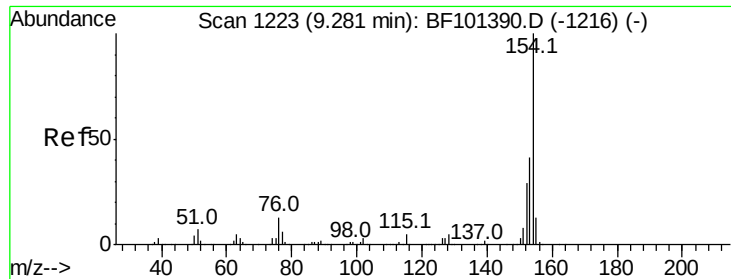
Sohil
 12/15/2017 6:44:04 PM



#44
 2-Fluorobiphenyl
 Concen: 81.314 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1732804		
171	35.7	29.7	44.5	
170	24.1	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 36.445 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion:154 Resp: 1068434

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

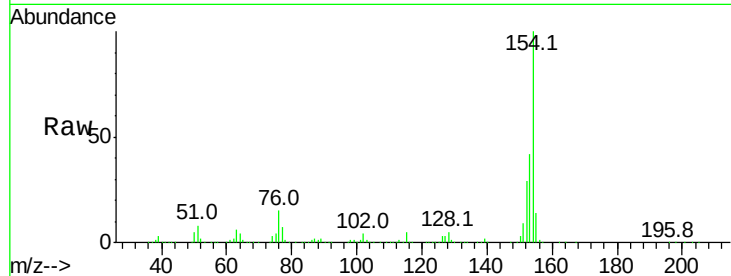
76 14.8 0.0 34.0

Manual Integrations

APPROVED

Sohil

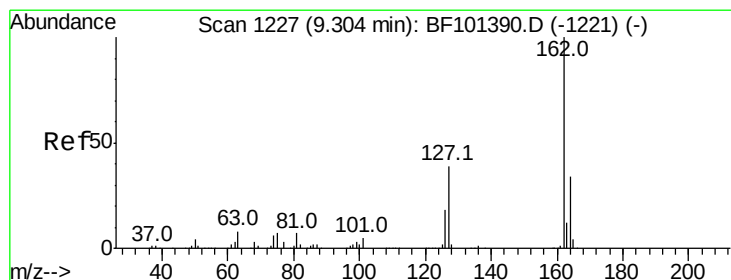
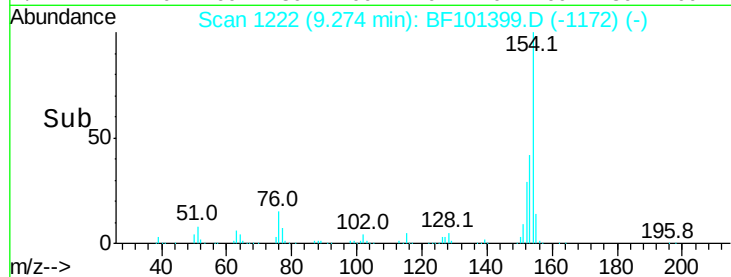
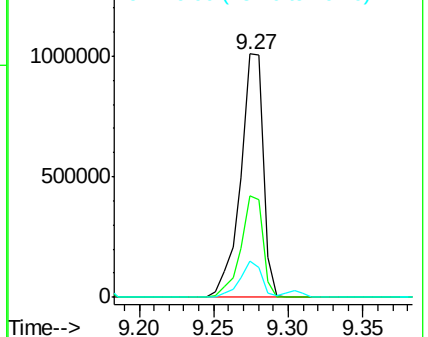
12/15/2017 6:44:04 PM



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: 38.283 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

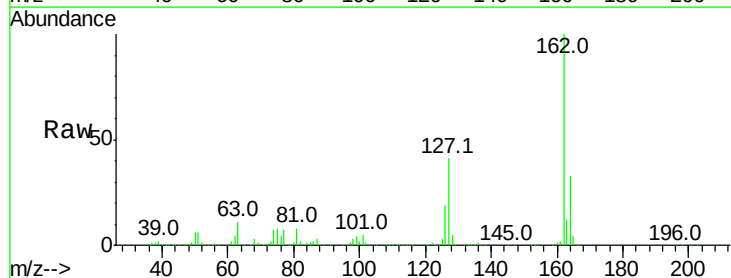
Tgt Ion:162 Resp: 858756

Ion Ratio Lower Upper

162 100

127 40.8 33.9 50.9

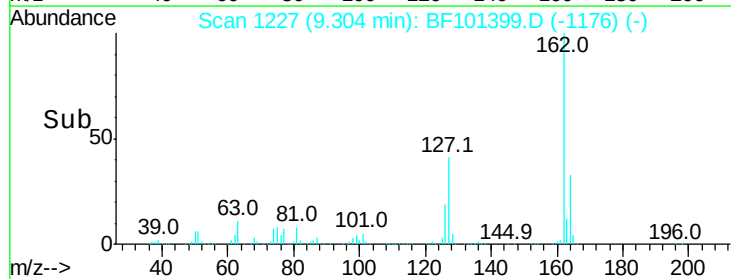
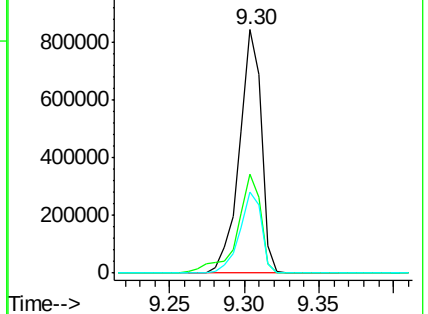
164 33.3 26.5 39.7

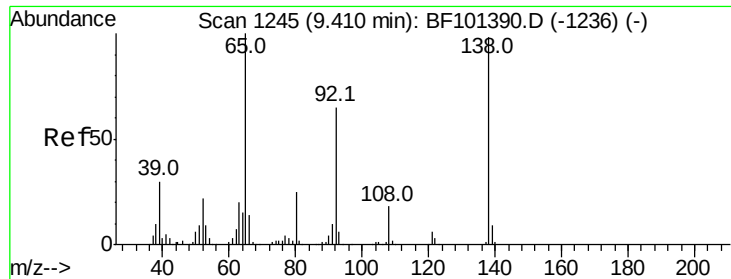


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





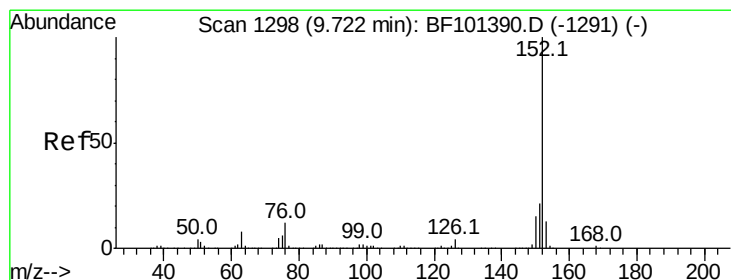
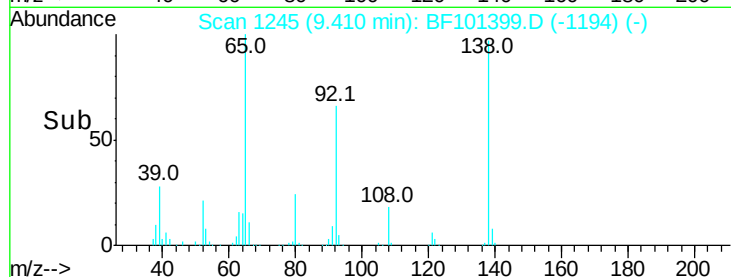
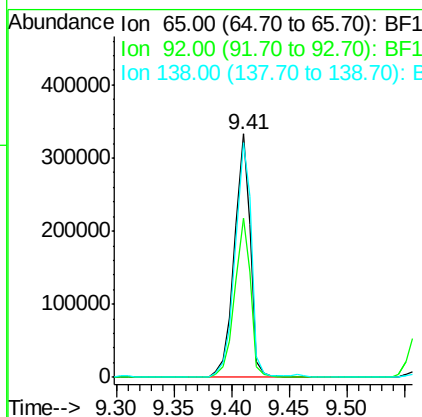
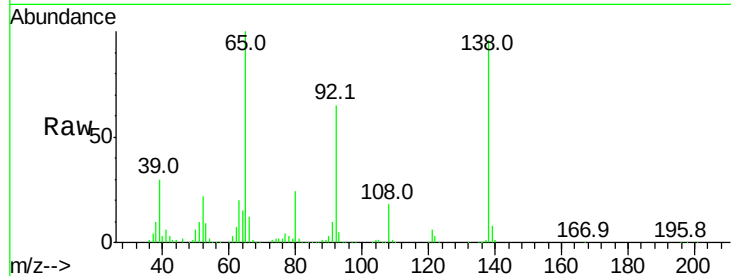
#47
2-Nitroaniline
Concen: 41.004 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.8	83.6
138	96.4	91.2	136.8

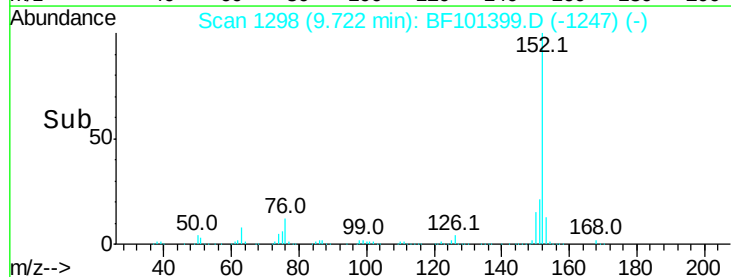
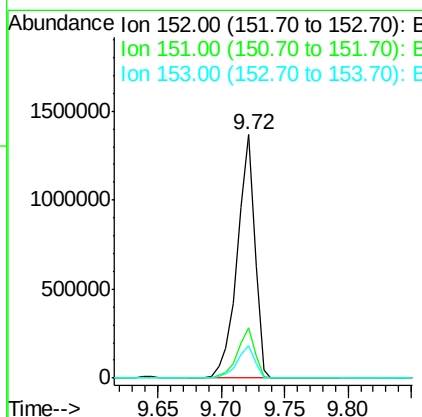
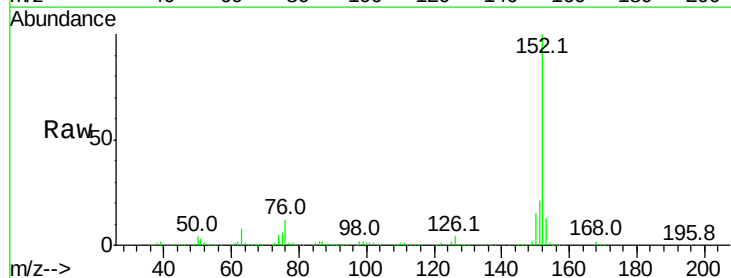
Manual Integrations
APPROVED

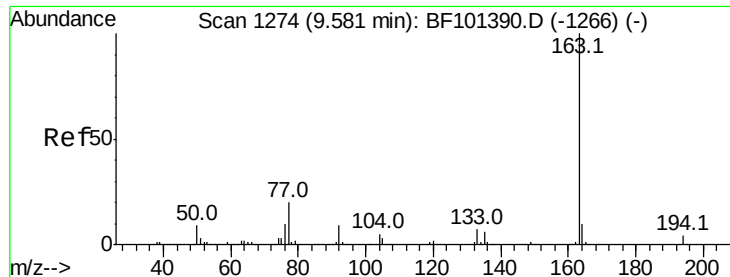
Sohil
12/15/2017 6:44:04 PM



#48
Acenaphthylene
Concen: 36.634 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.1	10.7	16.1





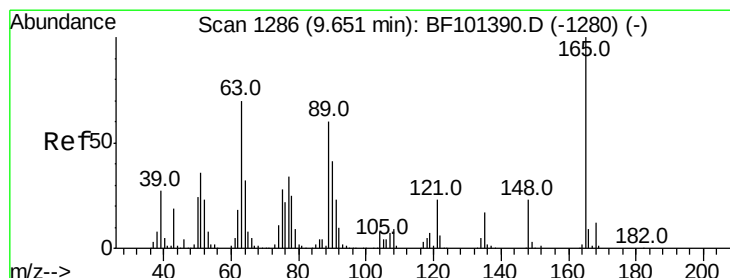
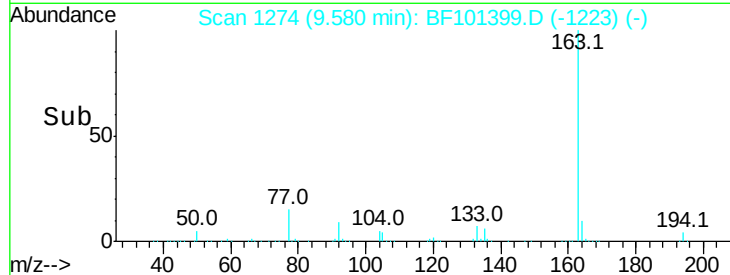
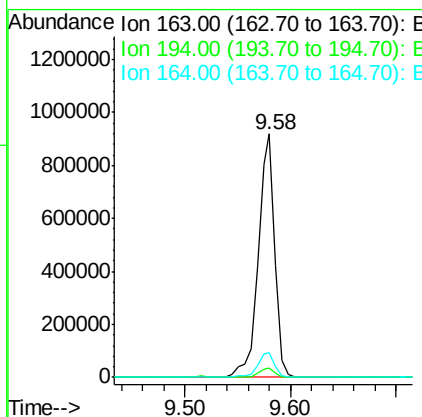
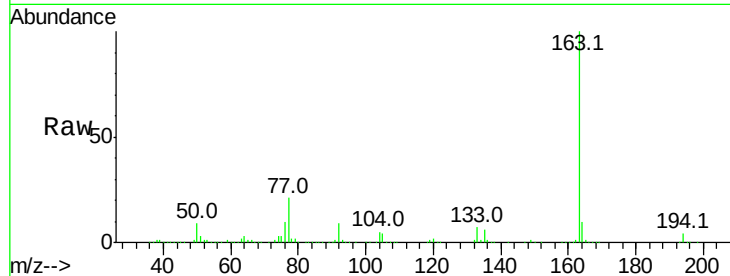
#49
Dimethylphthalate
Concen: 37.976 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

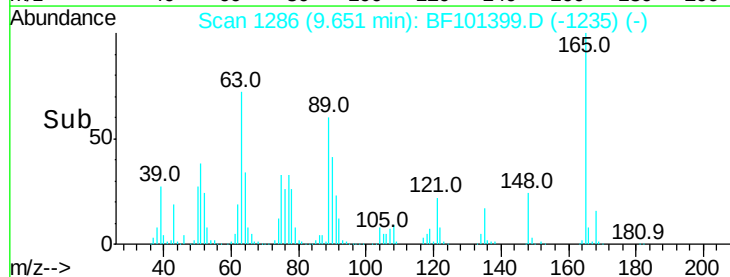
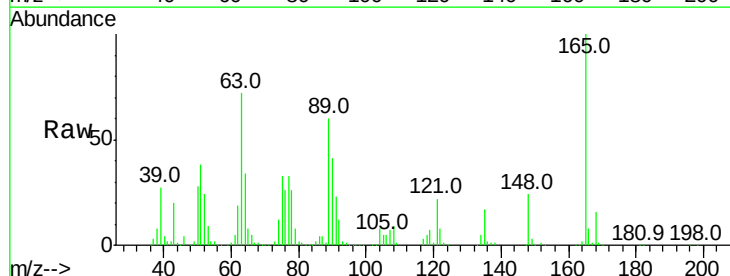
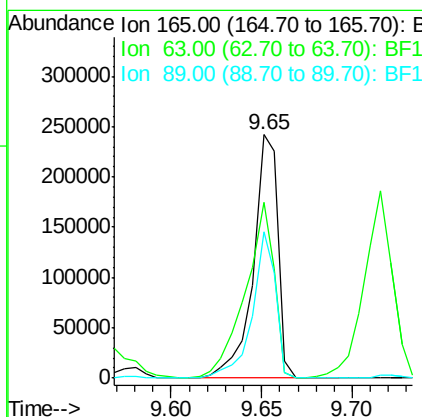
Manual Integrations
APPROVED

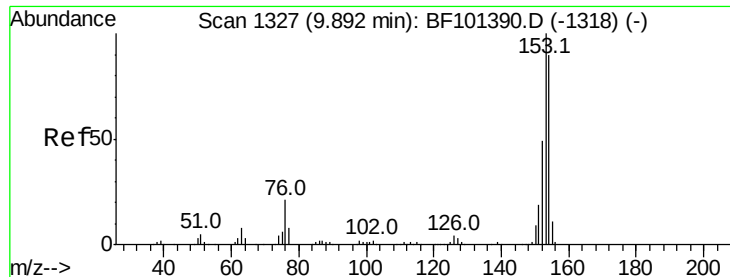
Sohil
12/15/2017 6:44:04 PM



#50
2,6-Dinitrotoluene
Concen: 42.359 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.4	44.7	67.1#
89	60.0	44.0	66.0





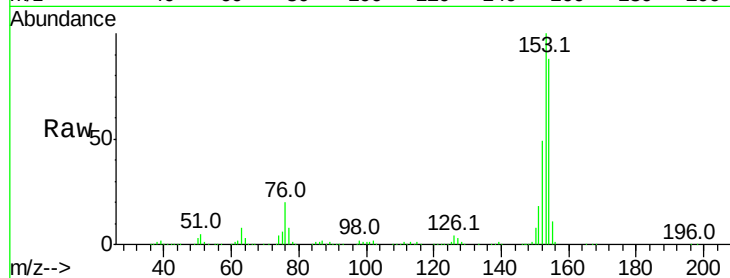
#51
Acenaphthene
Concen: 36.959 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	55.3	43.8	65.8

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM

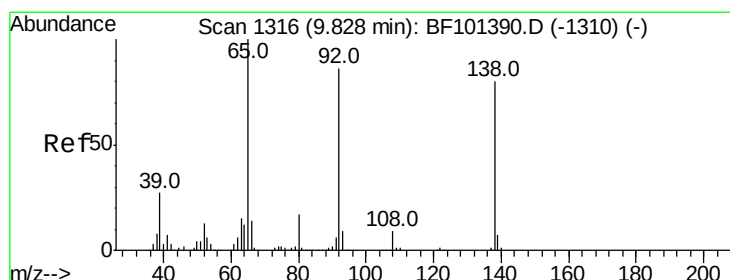
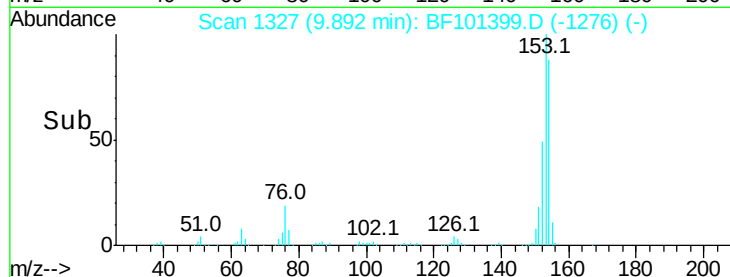
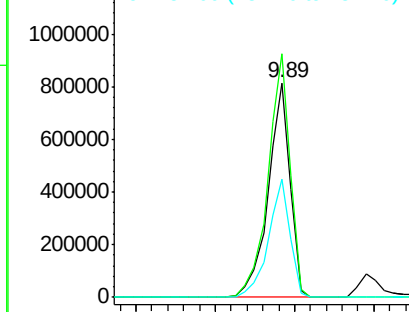


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 13.418 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

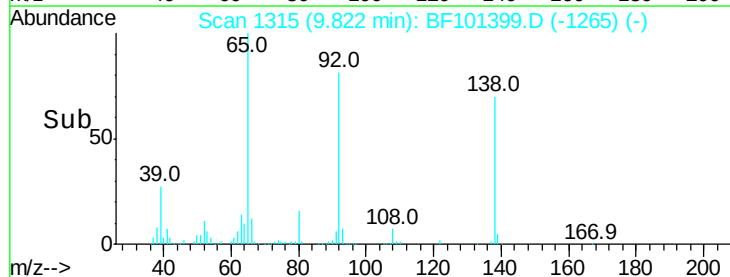
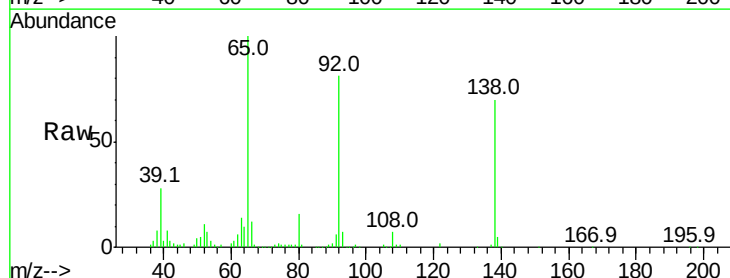
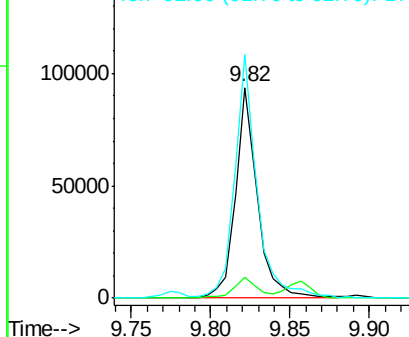
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	115.5	89.4	134.2

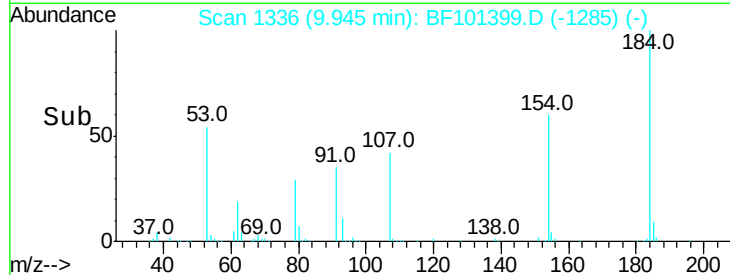
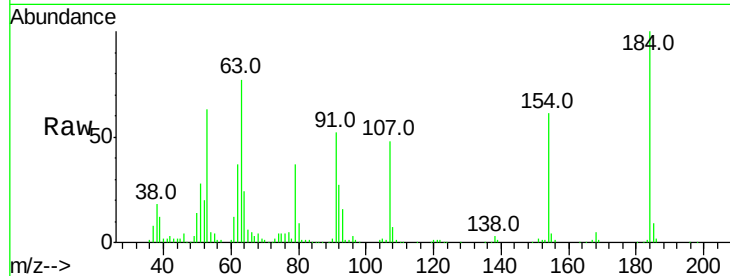
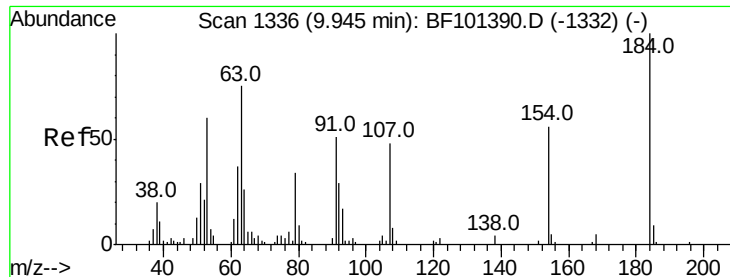
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





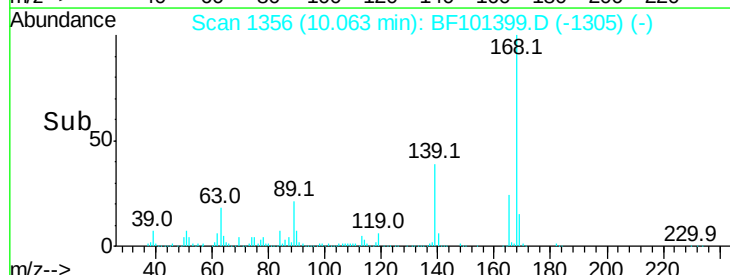
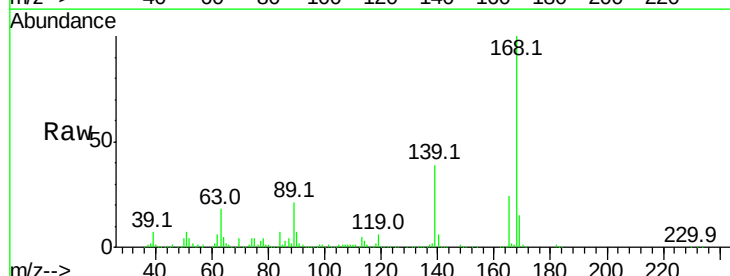
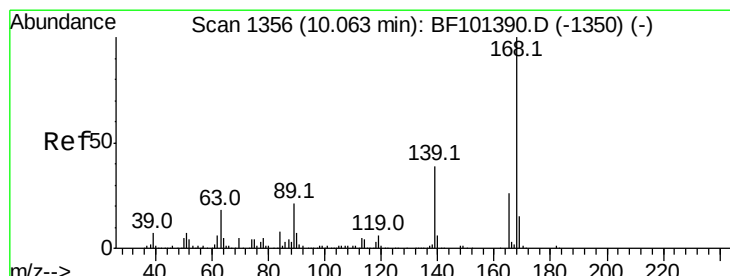
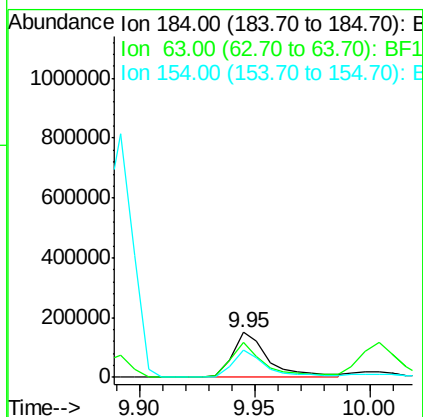
#53
2,4-Dinitrophenol
Concen: 86.233 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampled :
PB104947BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.1	54.2	81.2
154	60.6	184.0	276.0#

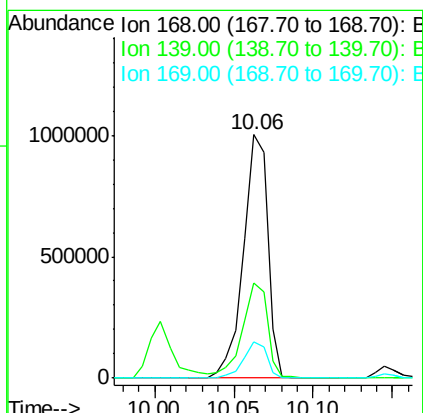
Manual Integrations
APPROVED

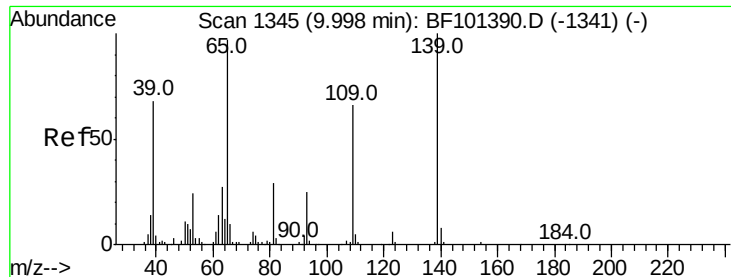
Sohil
12/15/2017 6:44:04 PM



#54
Dibenzofuran
Concen: 39.415 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	14.7	10.9	16.3





#55

4-Nitrophenol

Concen: 83.662 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

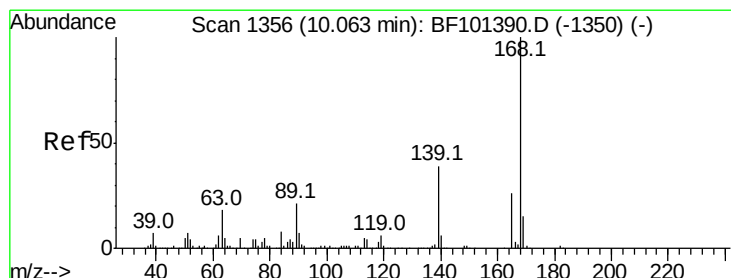
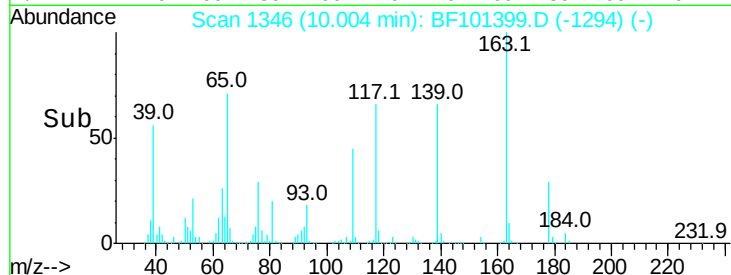
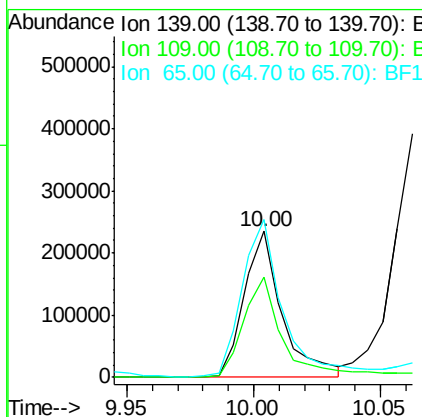
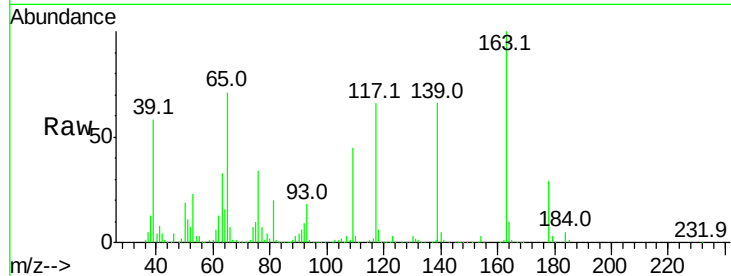
ClientSampleId :

PB104947BS

Tot Ion:139	Resp:	245794
Ion Ratio	Lower	Upper
139	100	
109	68.6	48.4 88.4
65	107.9	72.6 112.6

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#56

2,4-Dinitrotoluene

Concen: 42.151 ng

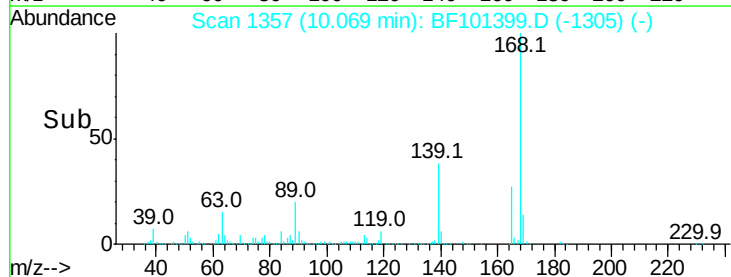
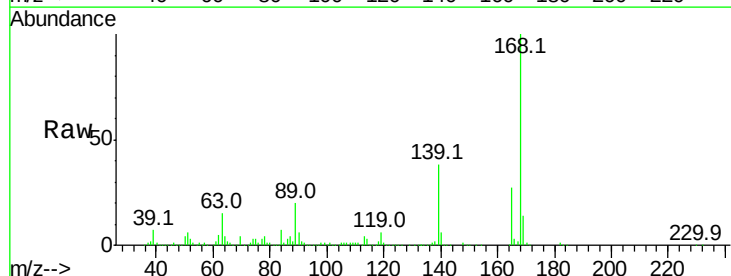
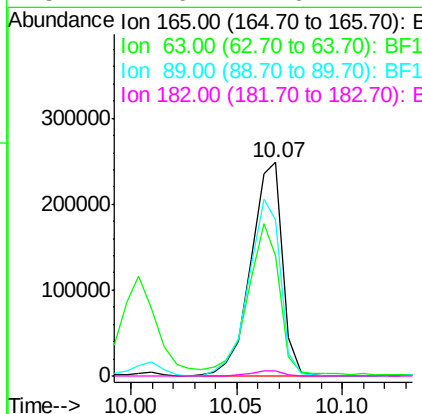
RT: 10.07 min Scan# 1357

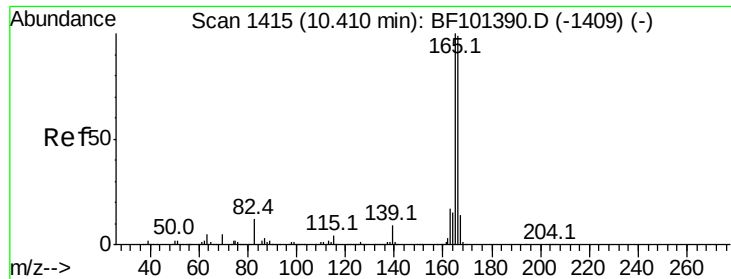
Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:165	Resp:	256648
Ion Ratio	Lower	Upper
165	100	
63	56.3	36.4 54.6#
89	73.4	57.8 86.6
182	2.6	1.6 2.4#





#57

Fluorene

Concen: 39.019 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

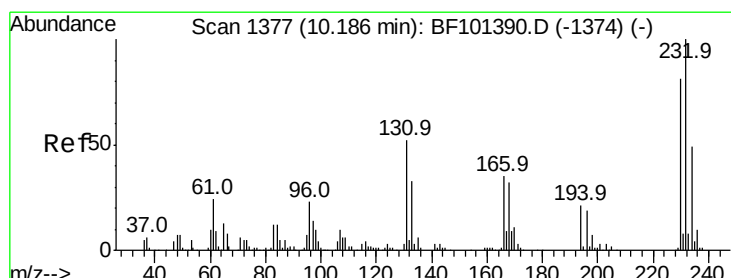
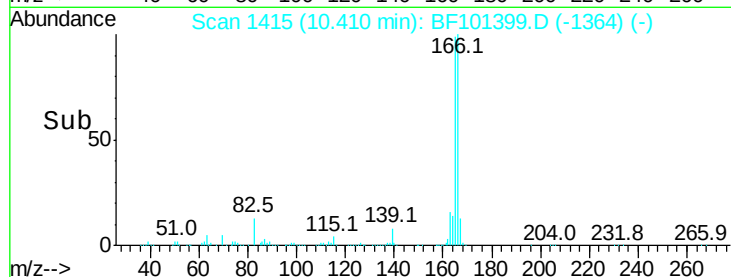
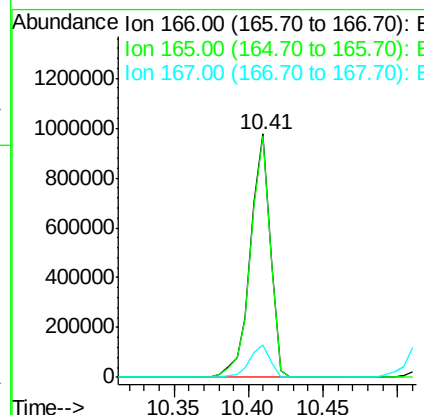
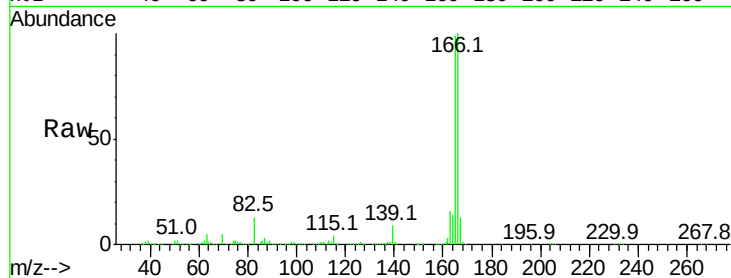
ClientSampleId :

PB104947BS

Tot Ion:	166	Resp:	892915
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.507 ng

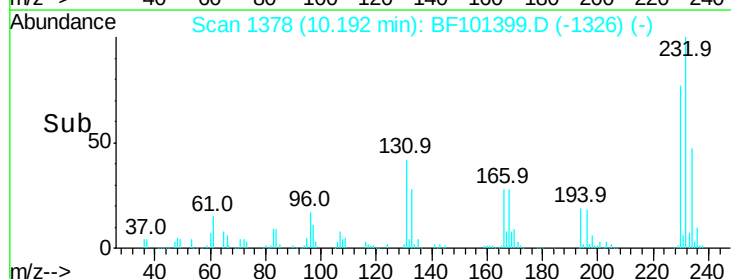
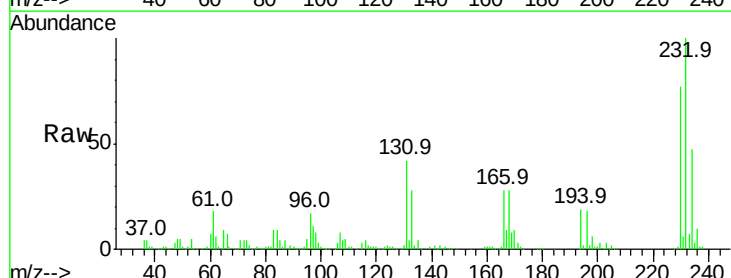
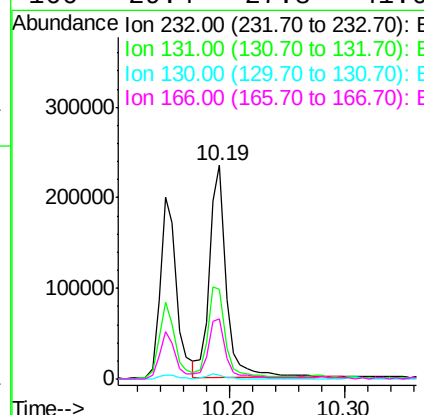
RT: 10.19 min Scan# 1378

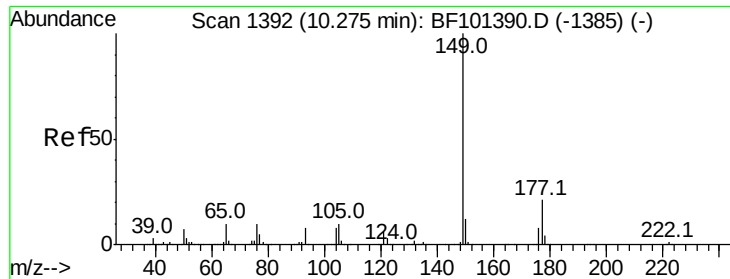
Delta R.T. 0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:	232	Resp:	240539
Ion Ratio	Lower	Upper	
232	100		
131	44.7	43.8	65.8
130	2.6	2.1	3.1
166	29.4	27.8	41.6





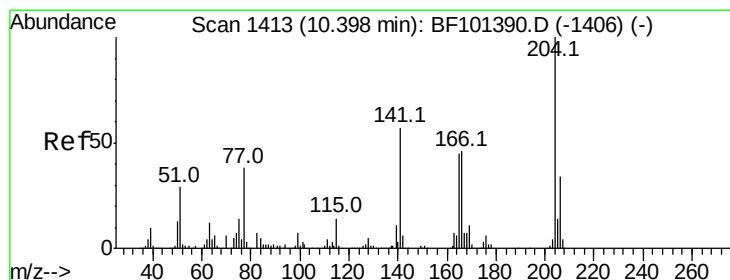
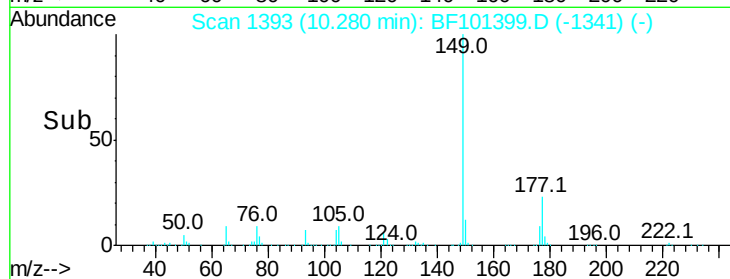
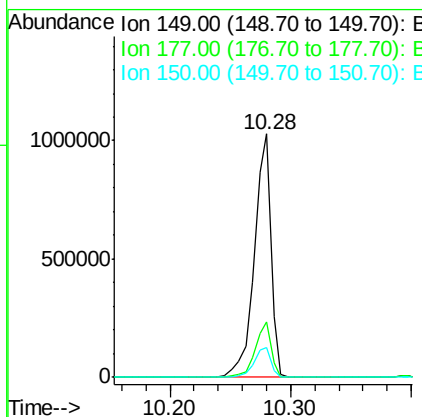
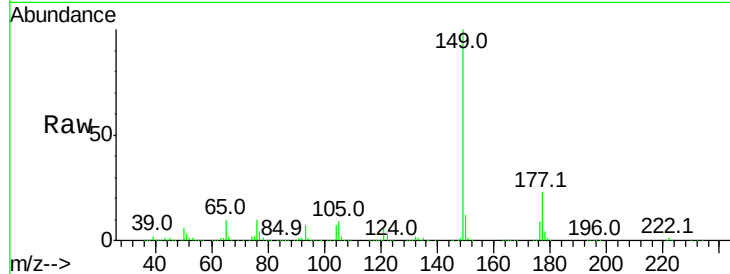
#59
Diethylphthalate
Concen: 37.761 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.8	16.1	24.1	
150	12.5	10.1	15.1	

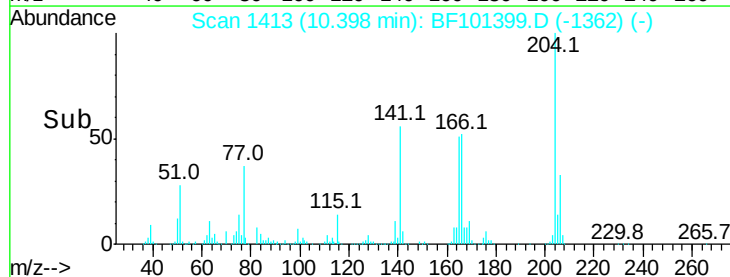
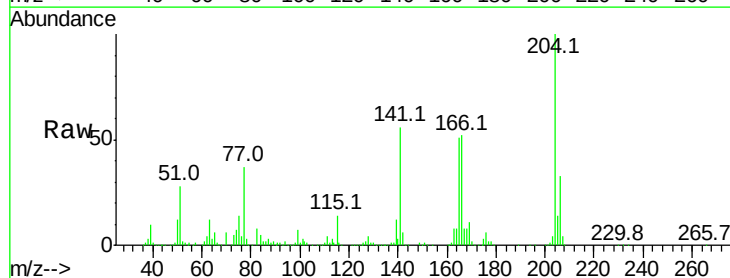
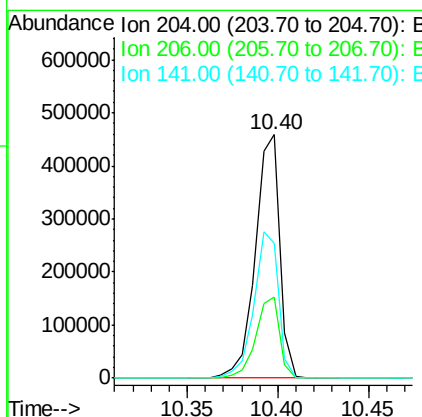
Manual Integrations
APPROVED

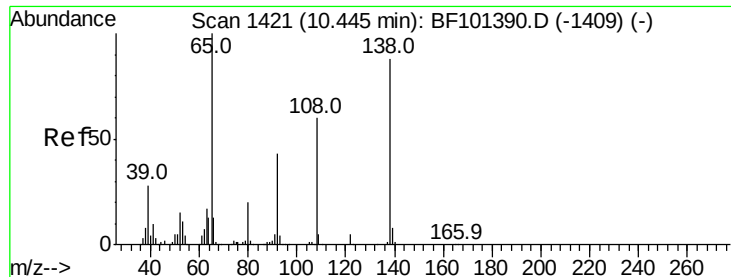
Sohil
12/15/2017 6:44:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.136 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.4	26.5	39.7	
141	55.6	54.6	81.8	





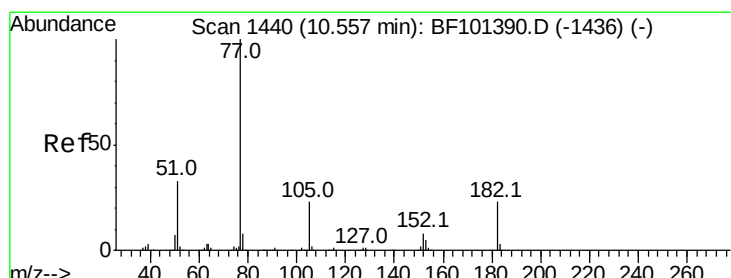
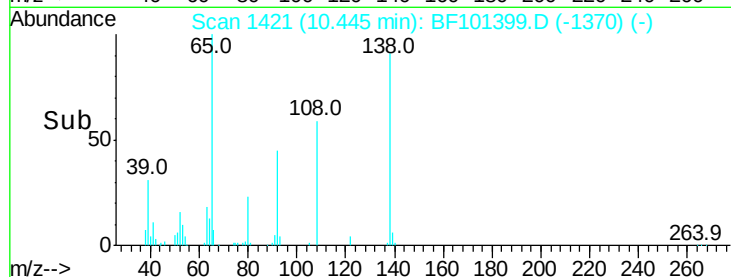
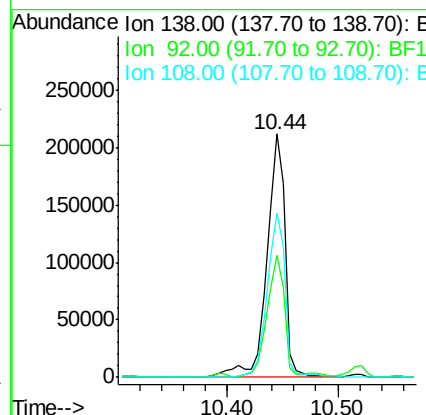
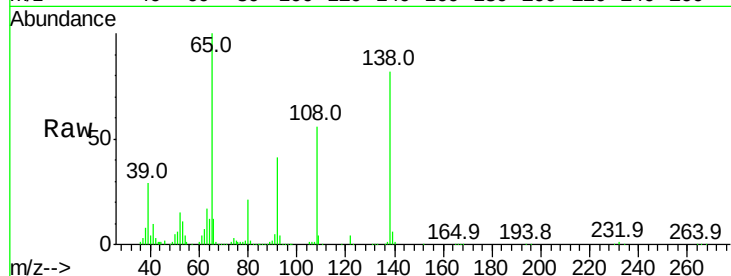
#61
4-Nitroaniline
Concen: 36.465 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.2	70.2
108	67.7	52.5	92.5

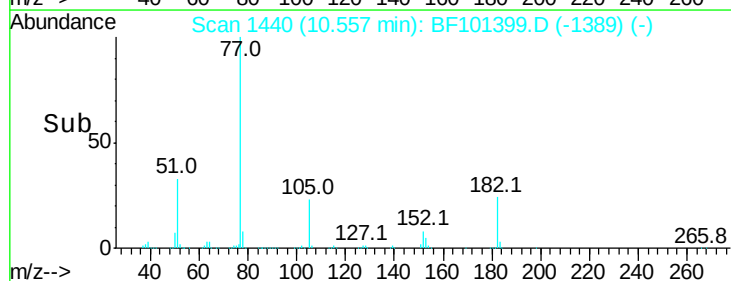
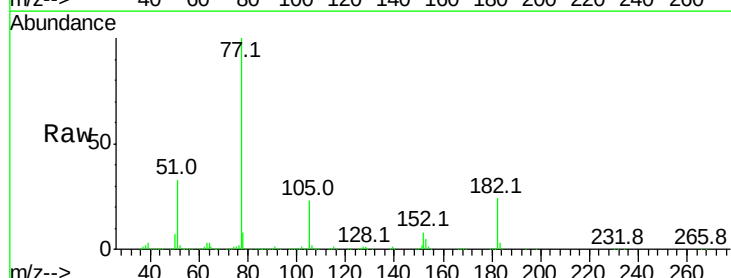
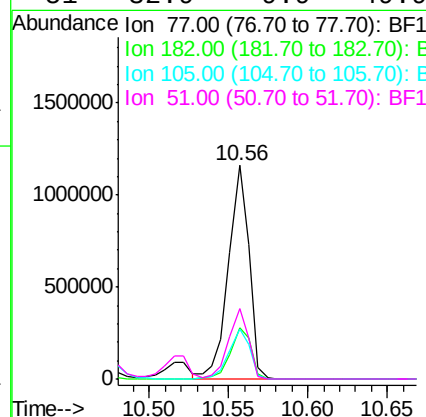
Manual Integrations
APPROVED

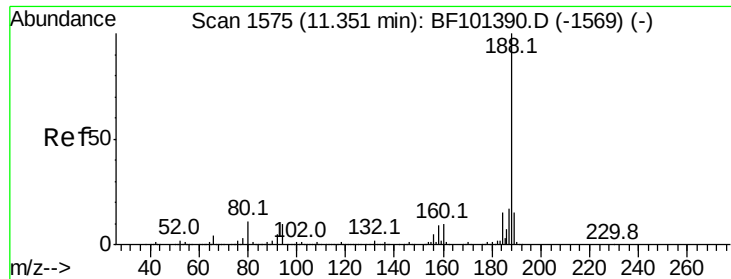
Sohil
12/15/2017 6:44:04 PM



#62
Azobenzene
Concen: 38.222 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	23.2	3.0	43.0
51	32.9	9.9	49.9





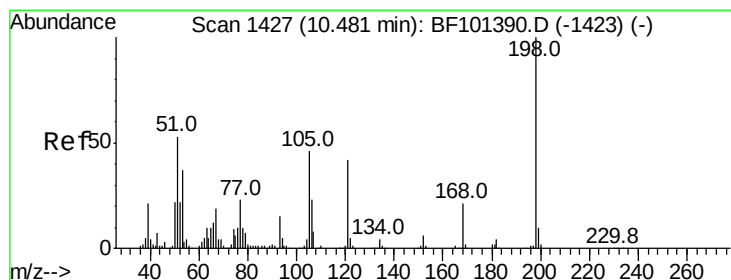
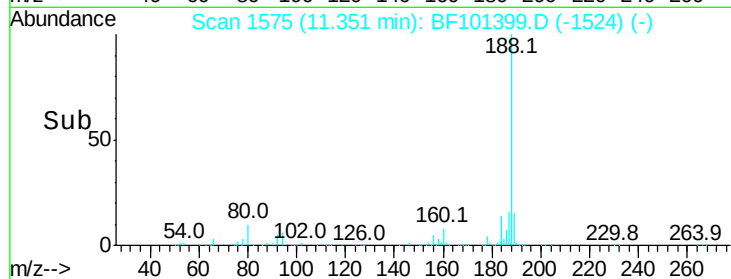
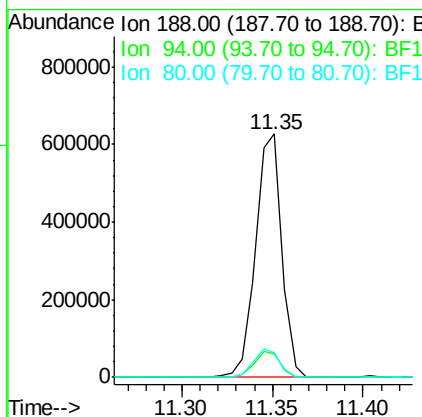
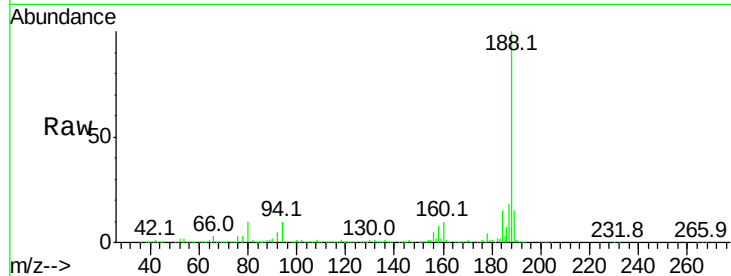
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	628234		
94	9.8		8.5	12.7
80	10.3		9.2	13.8

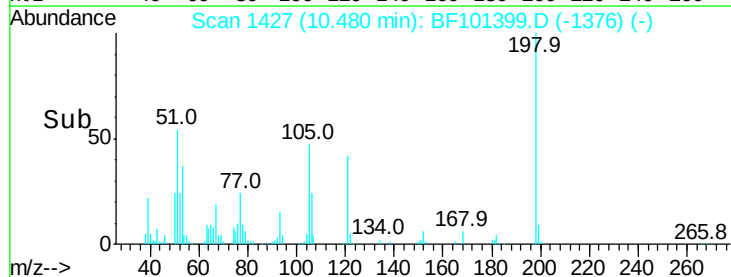
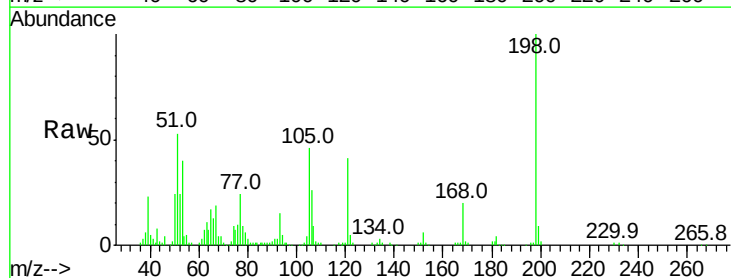
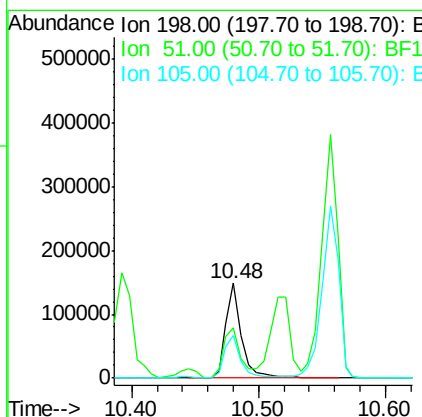
Manual Integrations
APPROVED

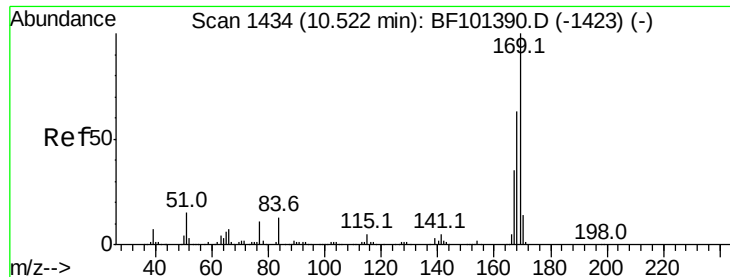
Sohil
12/15/2017 6:44:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.029 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	128329		
51	52.8		37.7	77.7
105	45.6		36.3	76.3





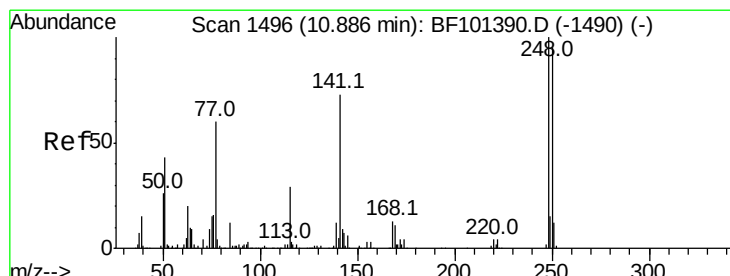
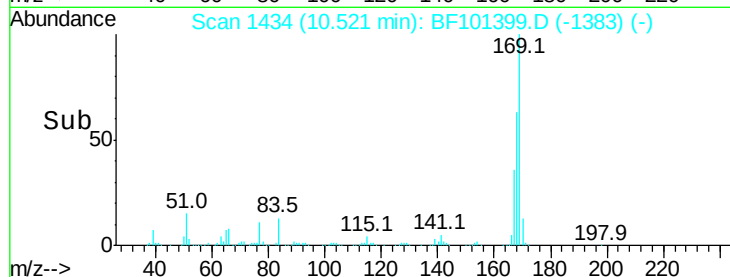
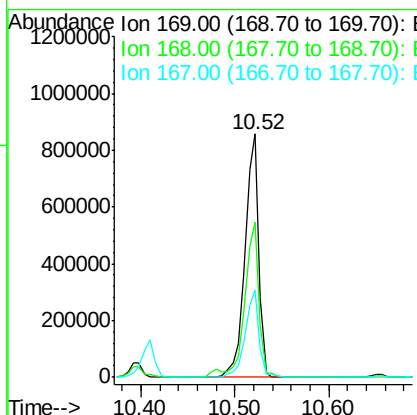
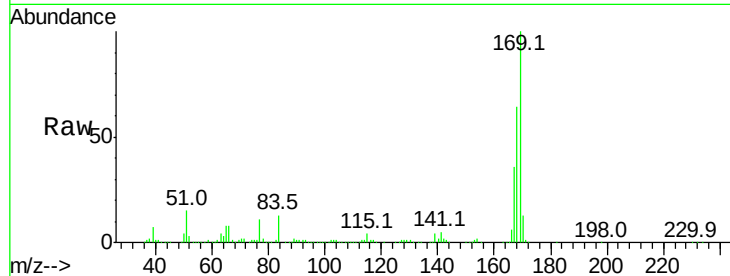
#65
 n-Nitrosodiphenylamine
 Concen: 37.328 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	865913		
168	63.6		54.4	81.6
167	35.9		29.8	44.6

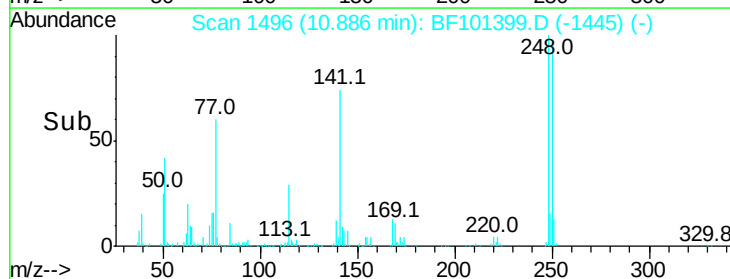
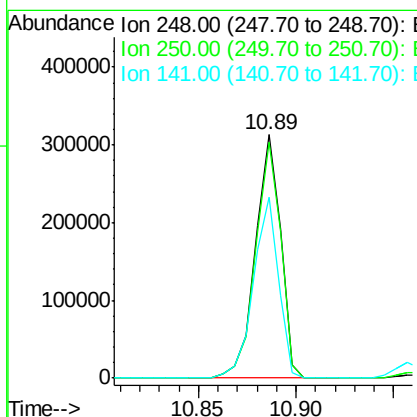
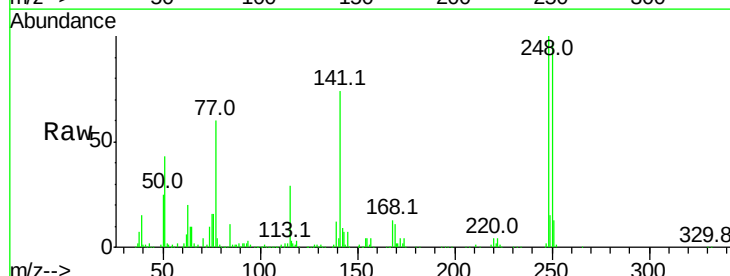
Manual Integrations
 APPROVED

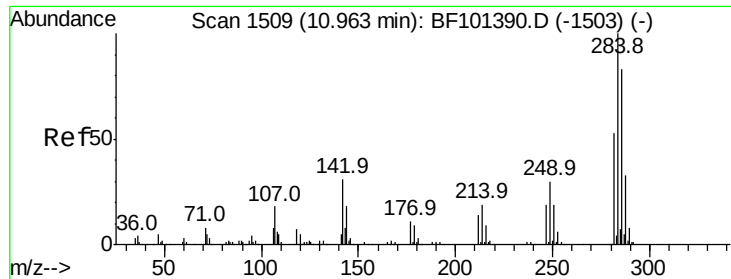
Sohil
 12/15/2017 6:44:04 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.769 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	280727		
250	97.1		76.9	115.3
141	74.1		74.4	111.6





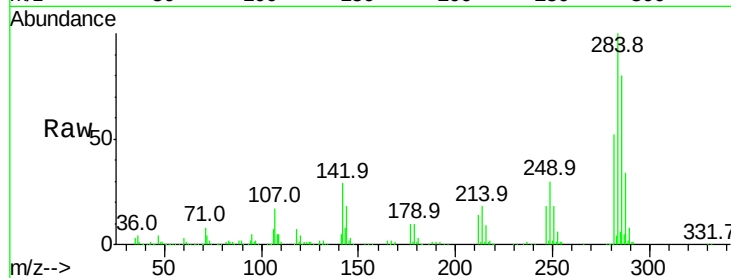
#67
Hexachlorobenzene
Concen: 38.379 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

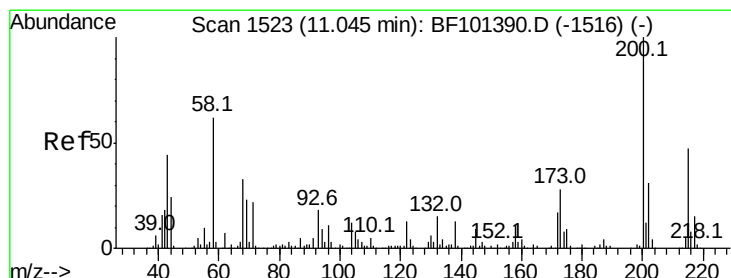
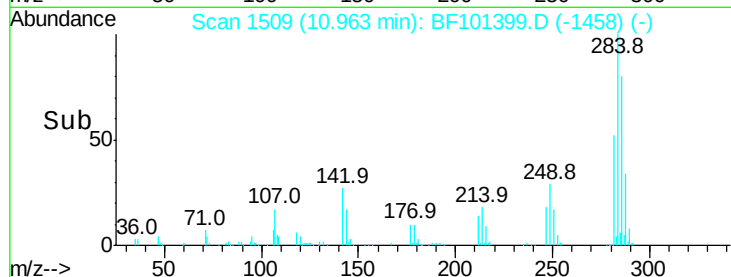
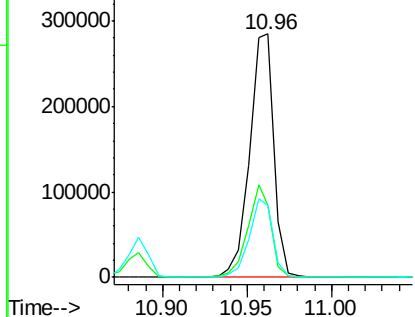
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.4	34.6	52.0	
249	29.6	24.8	37.2	

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM

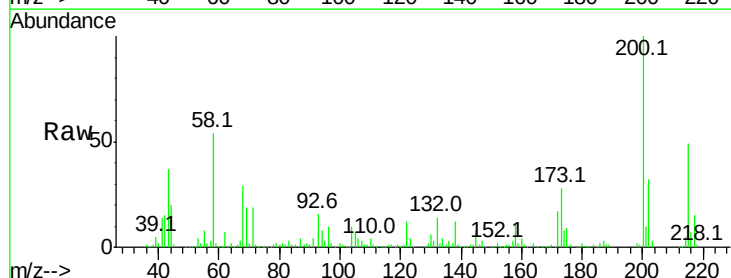


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

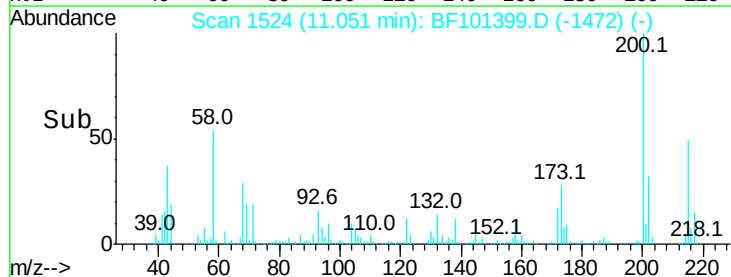
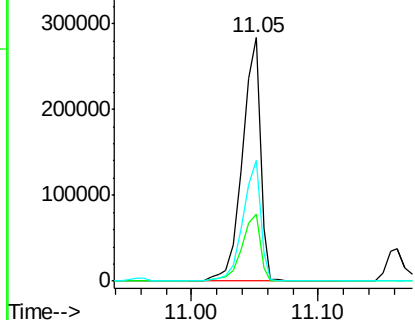


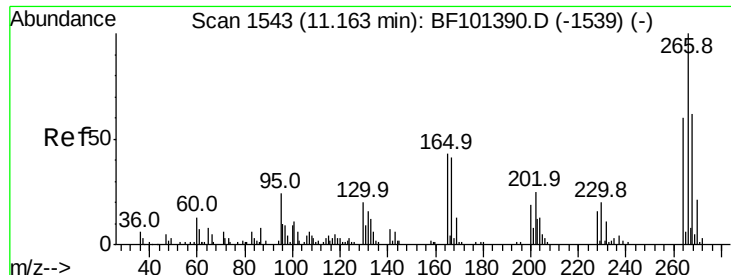
#68
Atrazine
Concen: 39.956 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	8.6	48.6	
215	49.3	25.1	65.1	



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





#69

Pentachlorophenol

Concen: 82.928 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

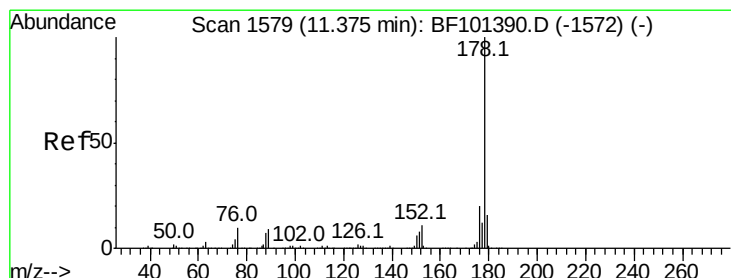
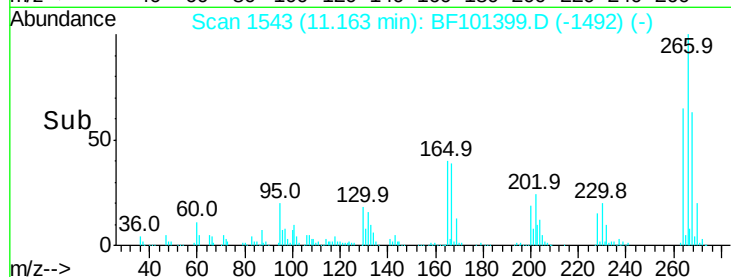
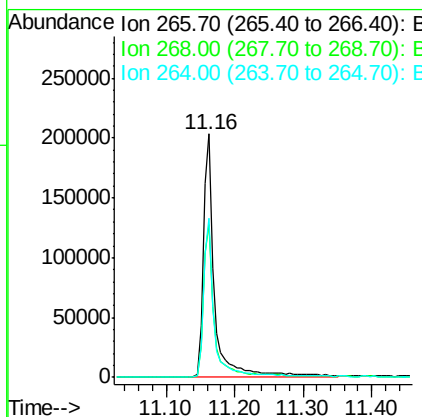
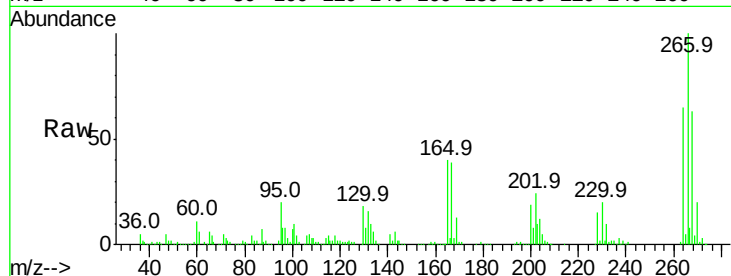
ClientSampled :

PB104947BS

Tot Ion:	266	Resp:	241691
Ion Ratio	Lower	Upper	
266	100		
268	62.7	51.1	76.7
264	65.2	49.5	74.3

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#70

Phenanthrene

Concen: 37.717 ng

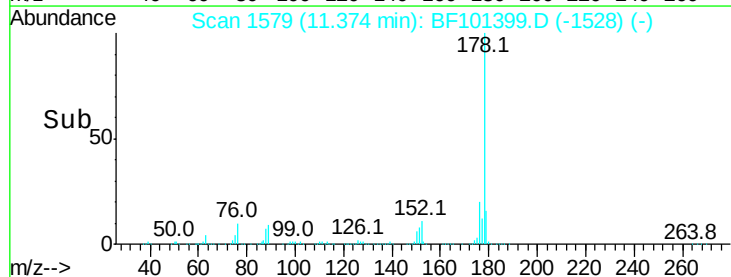
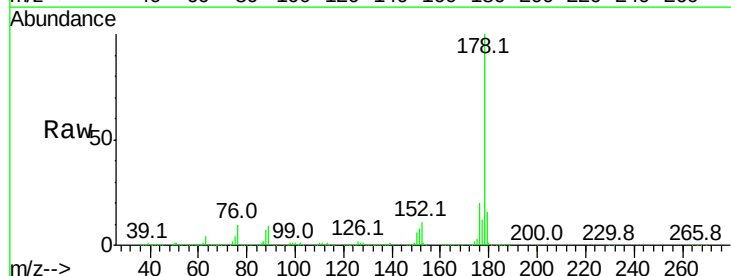
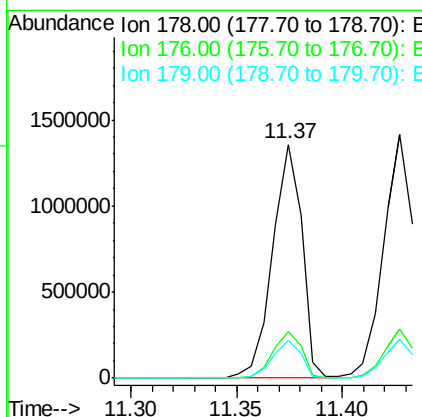
RT: 11.37 min Scan# 1579

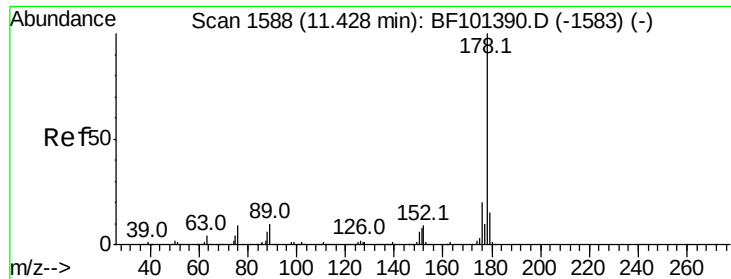
Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:	178	Resp:	1317734
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6





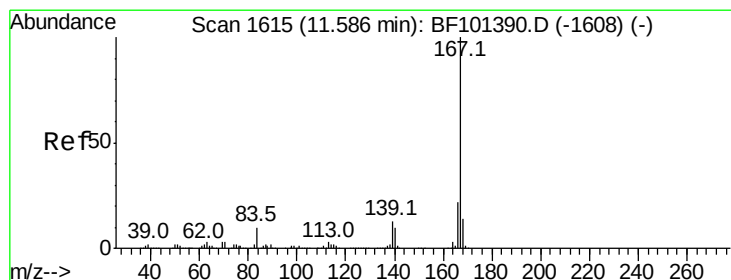
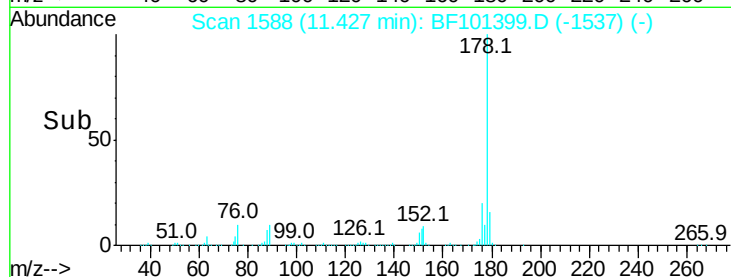
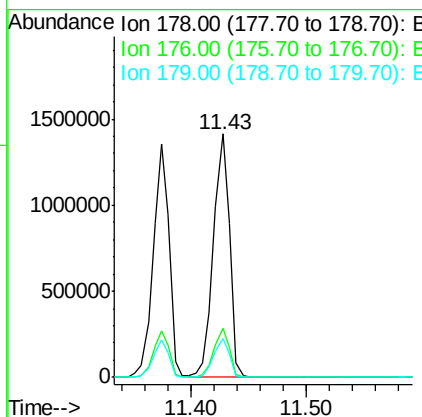
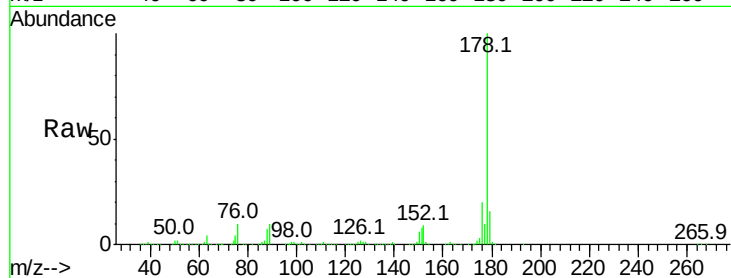
#71
 Anthracene
 Concen: 38.494 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.2	12.6	19.0

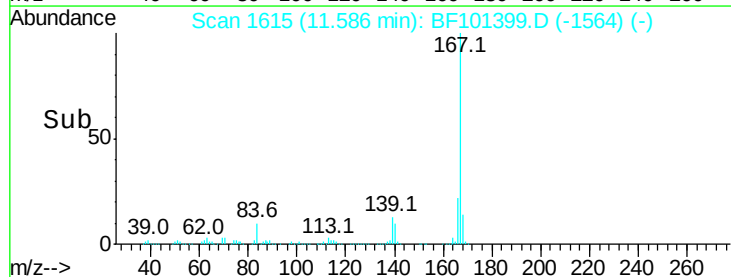
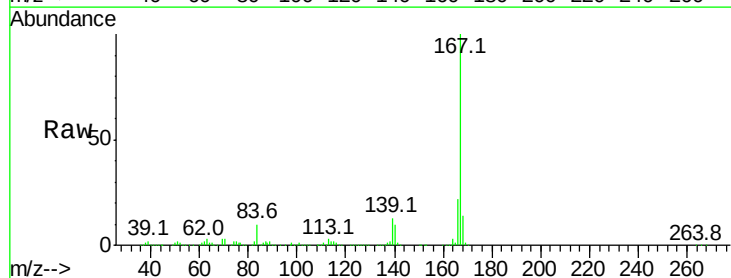
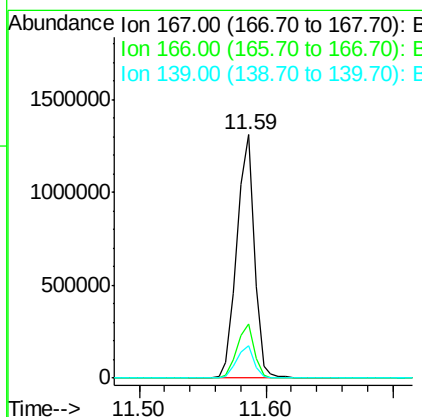
Manual Integrations
 APPROVED

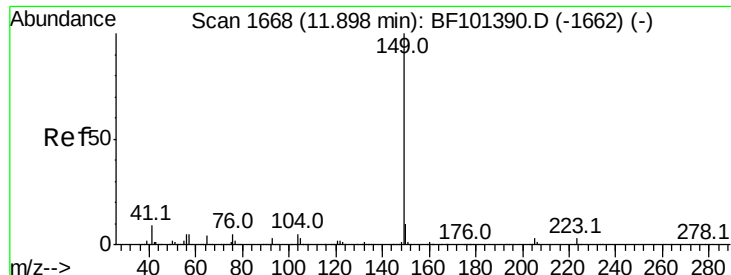
Sohil
 12/15/2017 6:44:04 PM



#72
 Carbazole
 Concen: 37.028 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.351 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS

Tot Ion:149 Resp: 1555295

Ion Ratio Lower Upper

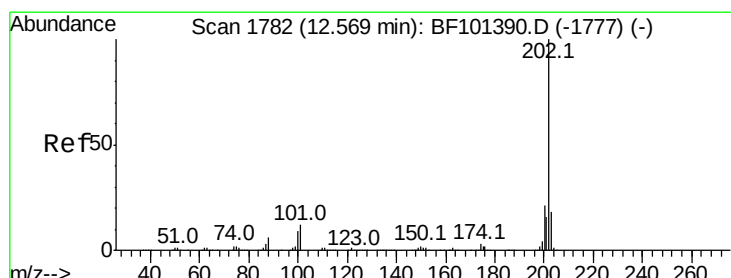
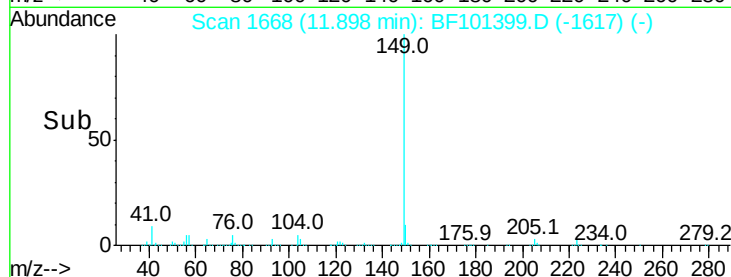
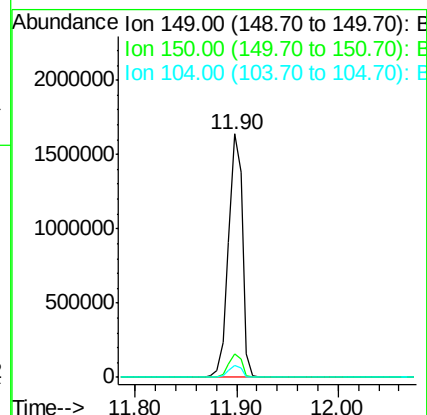
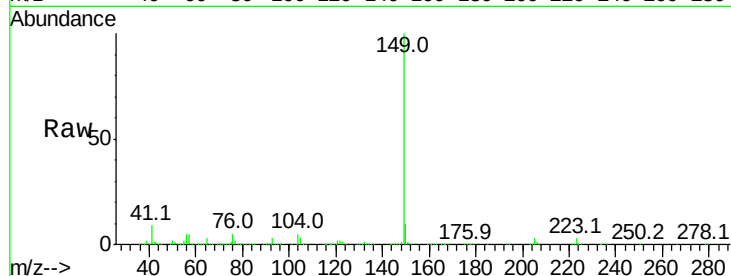
149 100

150 9.5 7.8 11.6

104 5.1 3.8 5.8

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#74

Fluoranthene

Concen: 37.995 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

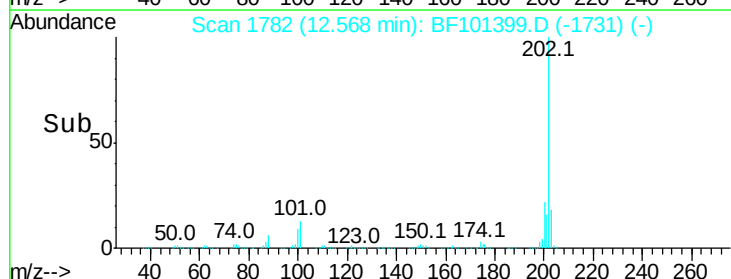
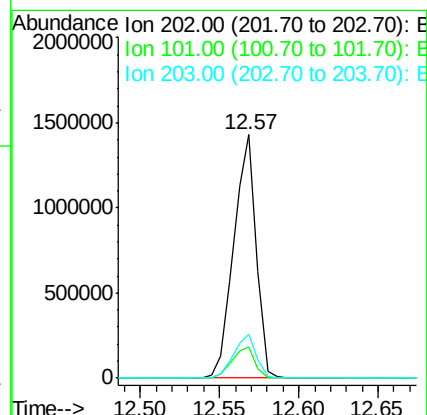
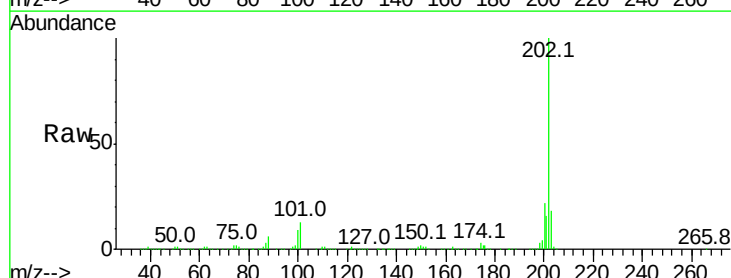
Tgt Ion:202 Resp: 1393337

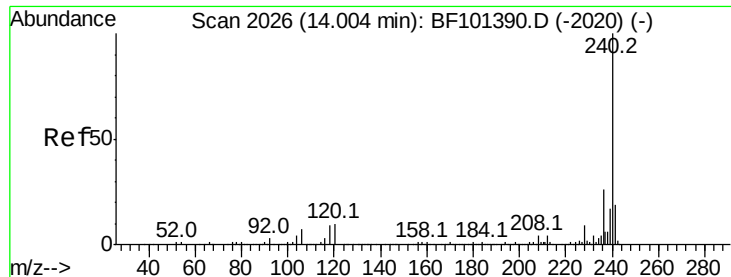
Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

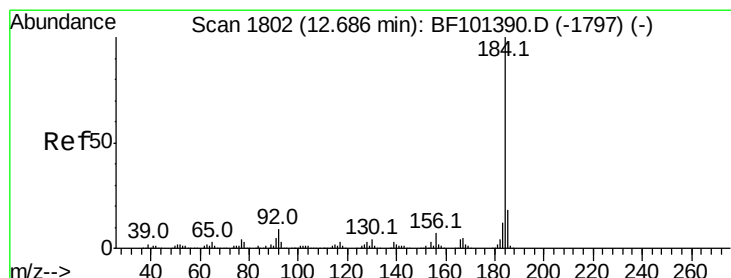
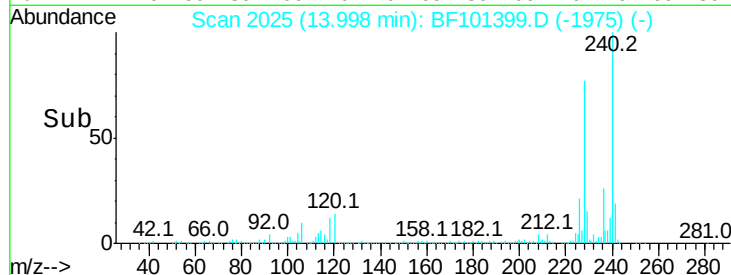
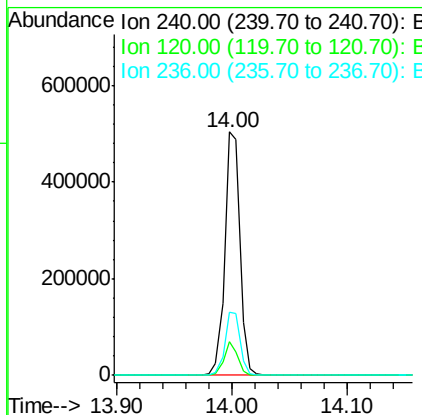
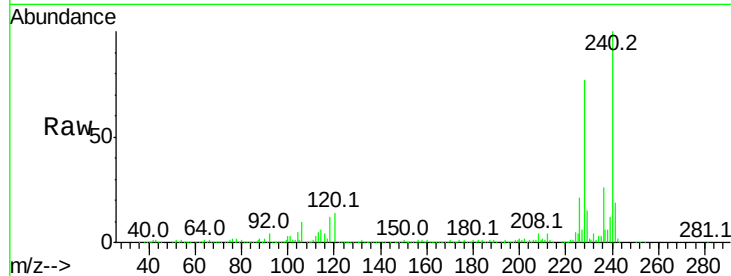
ClientSampleId :

PB104947BS

Tot Ion:	240	Resp:	459514
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#76

Benzidine

Concen: 18.078 ng

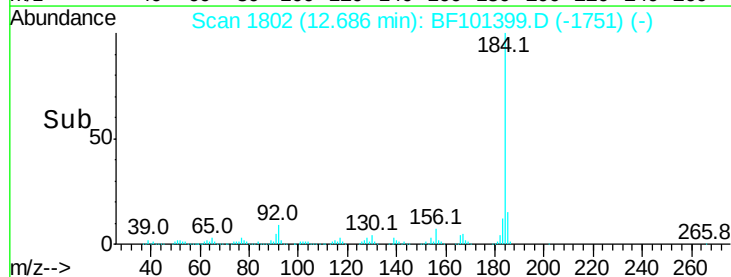
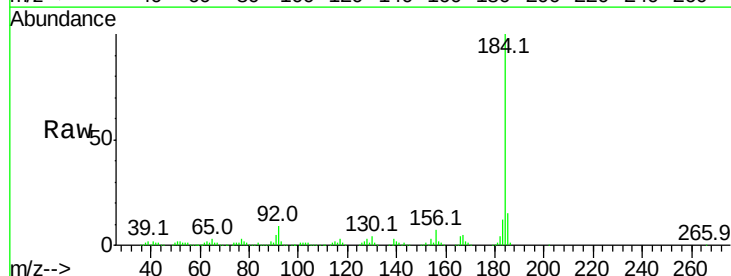
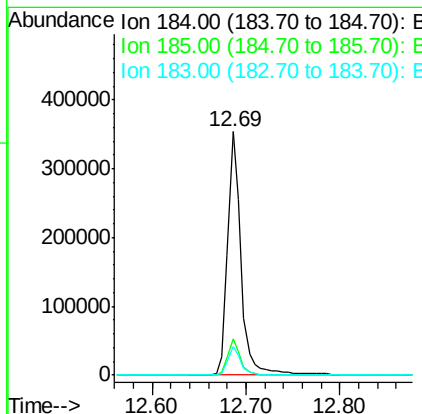
RT: 12.69 min Scan# 1802

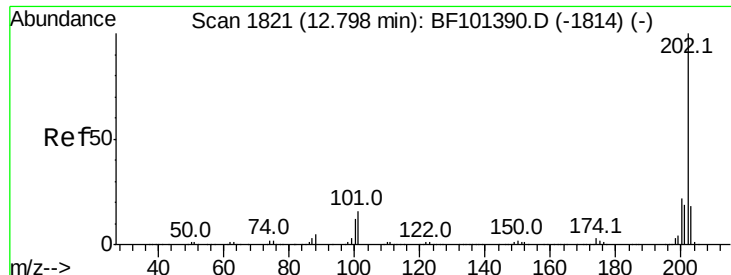
Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:	184	Resp:	350846
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	11.5	9.3	13.9





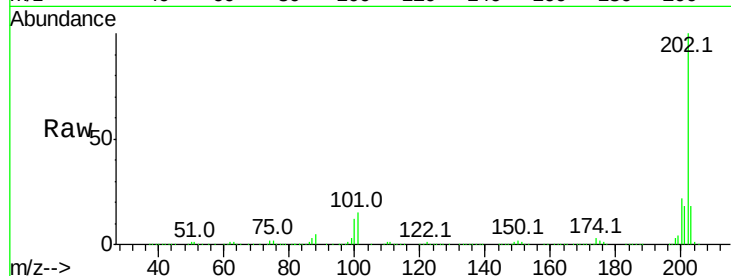
#77
Pvrene
Concen: 41.504 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM

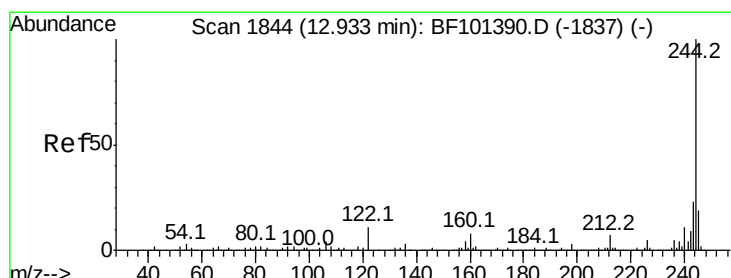
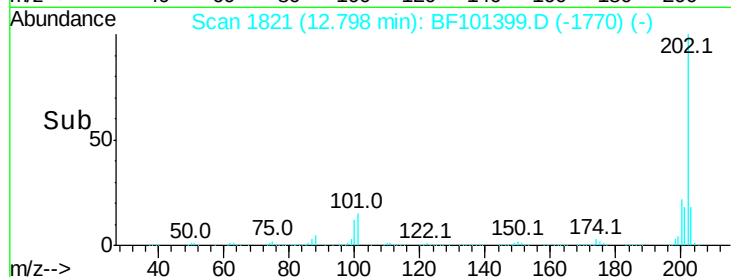
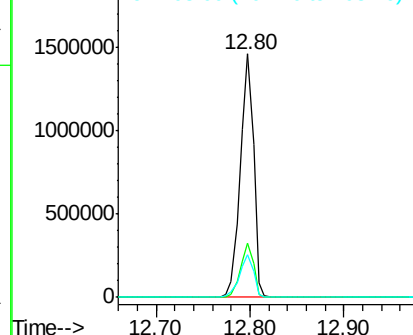


Abundance

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: 89.195 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

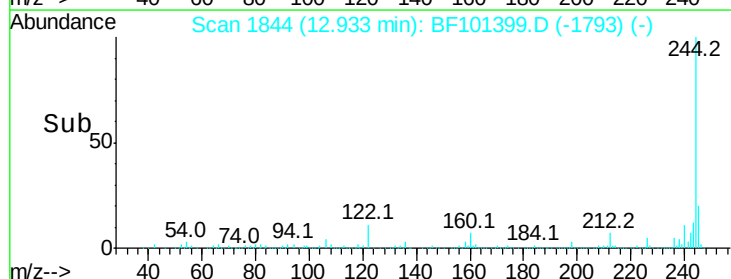
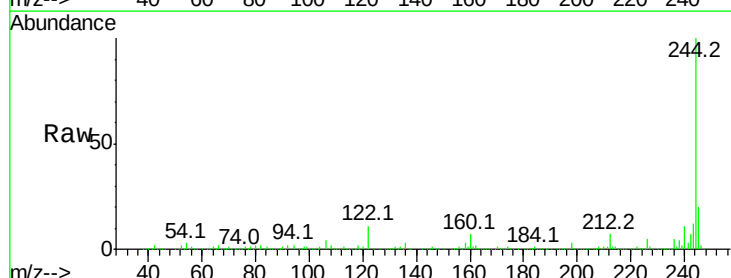
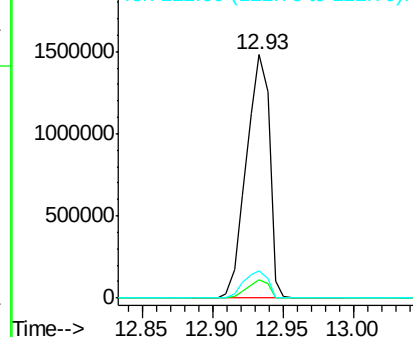
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.0	11.0	16.4

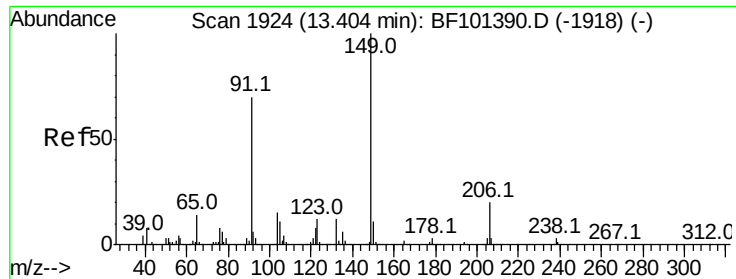
Abundance

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





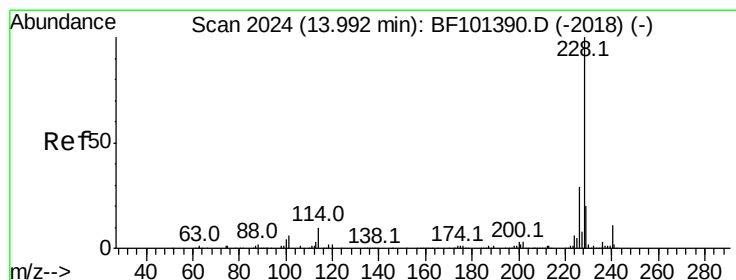
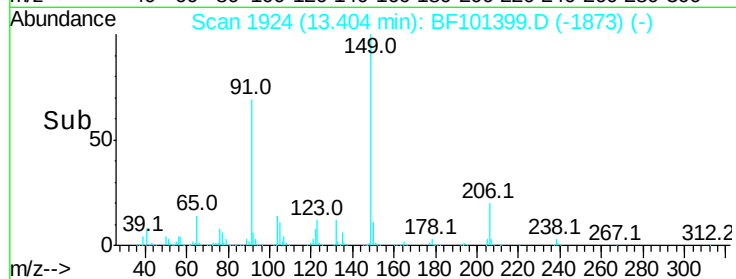
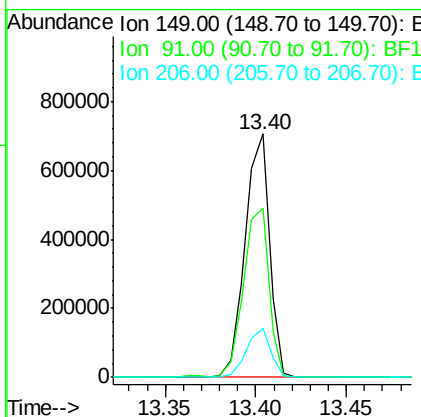
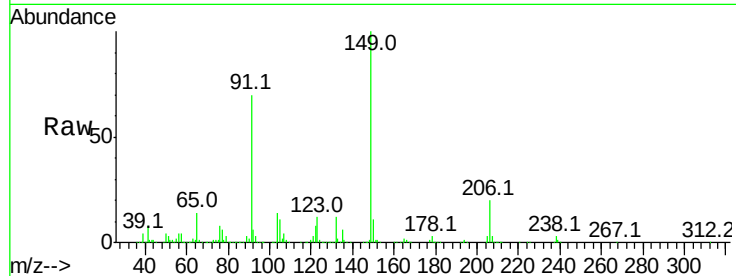
#79
Butylbenzylphthalate
Concen: 42.583 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.6	56.8	85.2
206	20.4	14.1	21.1

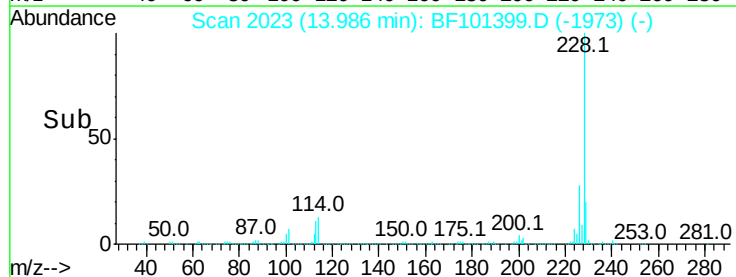
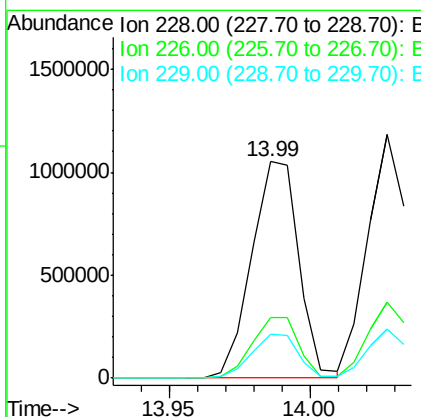
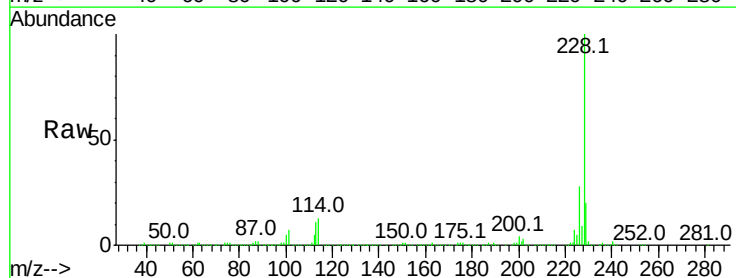
Manual Integrations
APPROVED

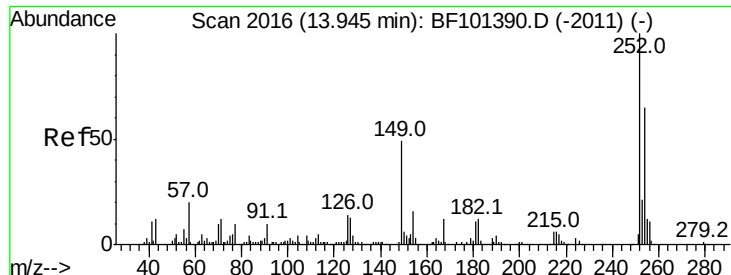
Sohil
12/15/2017 6:44:04 PM



#80
Benzo(a)anthracene
Concen: 40.257 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	15.8	23.6





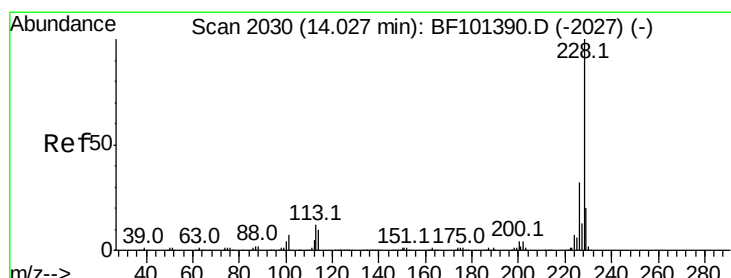
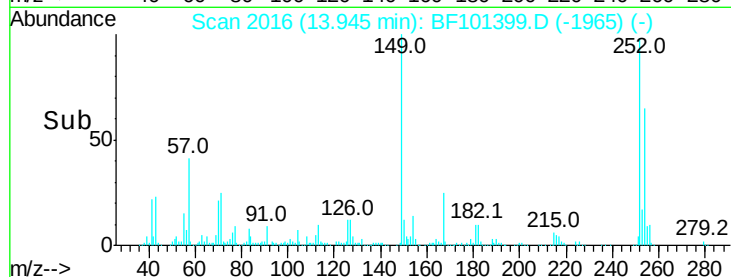
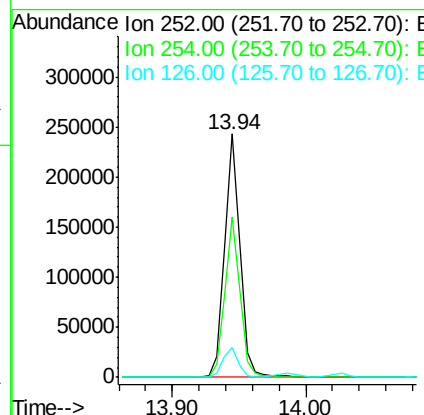
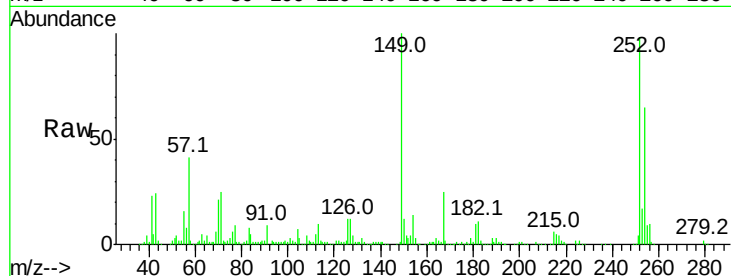
#81
3,3'-Dichlorobenzidine
Concen: 20.351 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	50.4	75.6
126	12.3	11.3	16.9

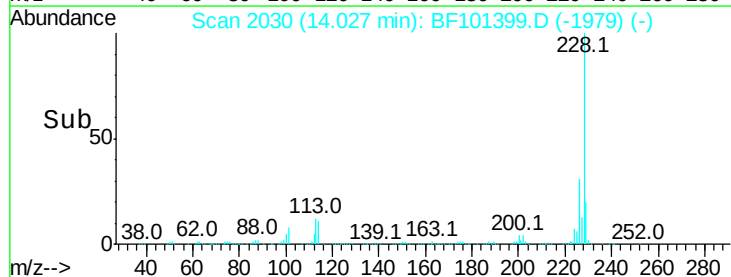
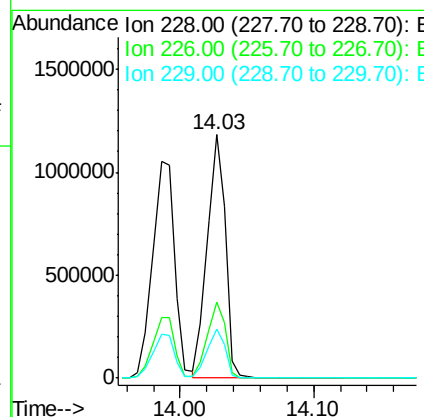
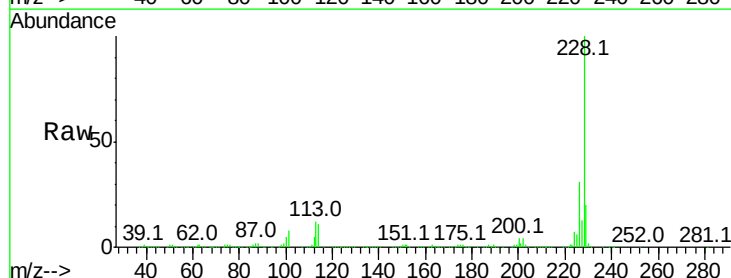
Manual Integrations
APPROVED

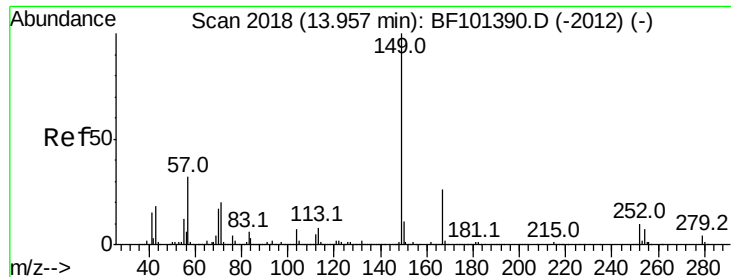
Sohil
12/15/2017 6:44:04 PM



#82
Chrysene
Concen: 39.009 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.769 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

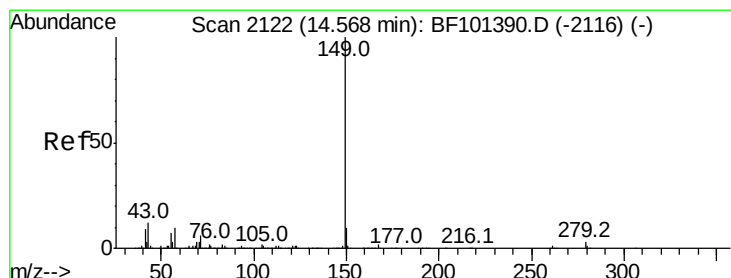
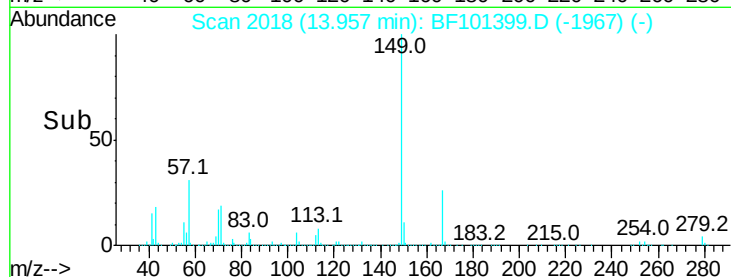
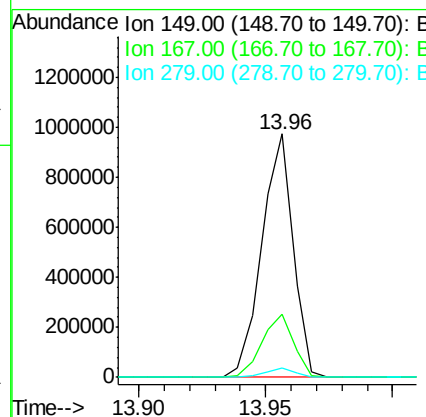
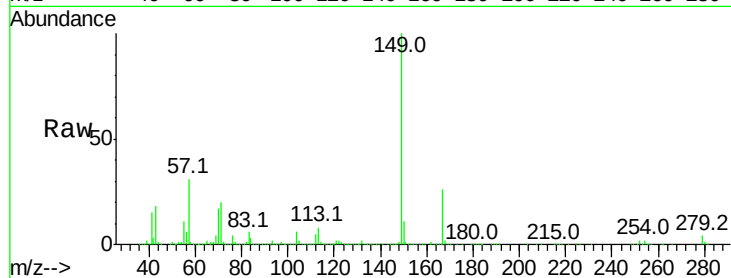
ClientSampleId :

PB104947BS

Tot Ion:	149	Resp:	845309
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.9	3.0	4.4

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM



#84

Di-n-octyl phthalate

Concen: 38.540 ng

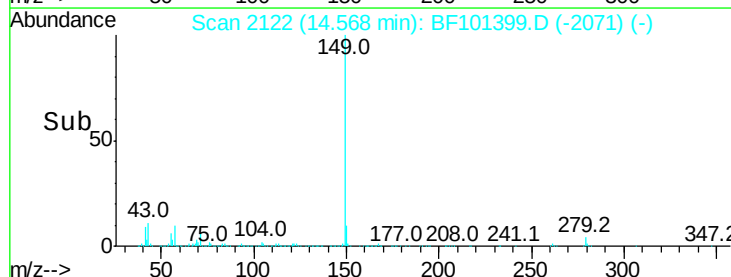
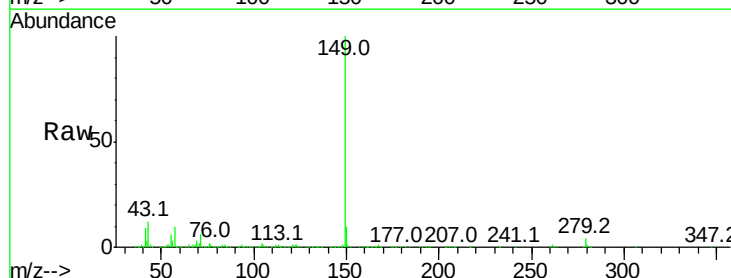
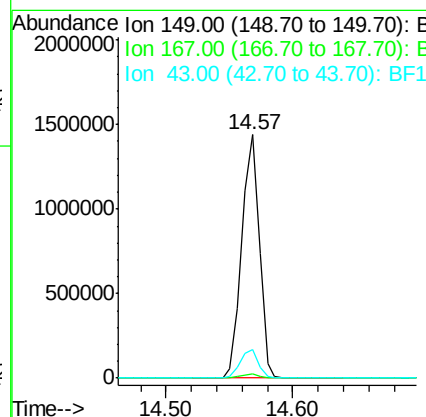
RT: 14.57 min Scan# 2122

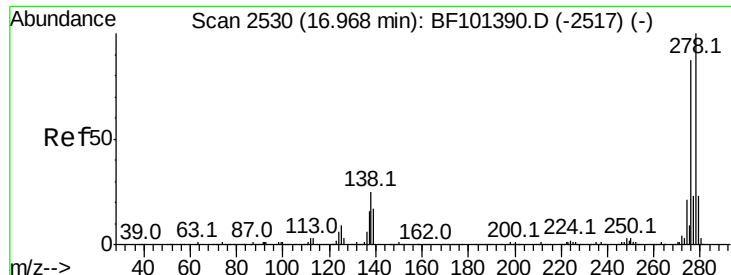
Delta R.T. -0.00 min

Lab File: BF101399.D

Acq: 14 Dec 2017 18:02

Tgt Ion:	149	Resp:	1358480
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.7	8.4	12.6





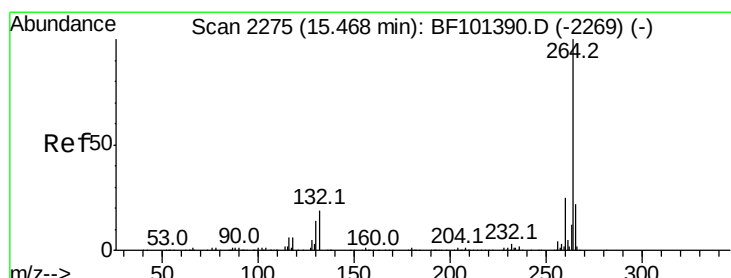
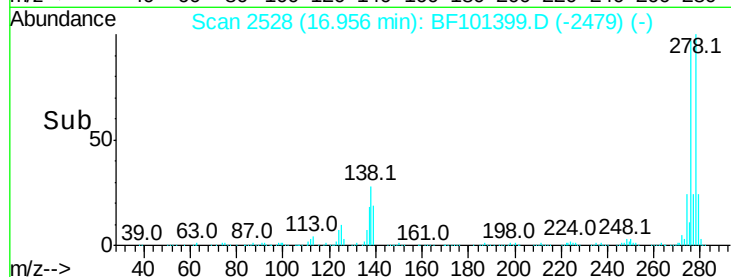
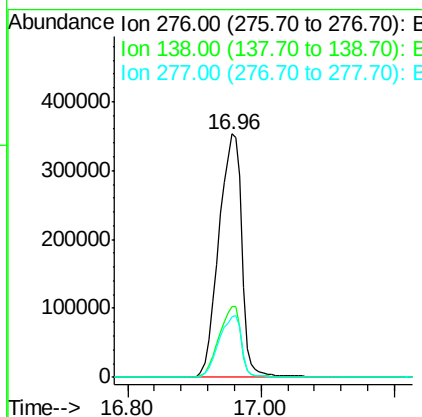
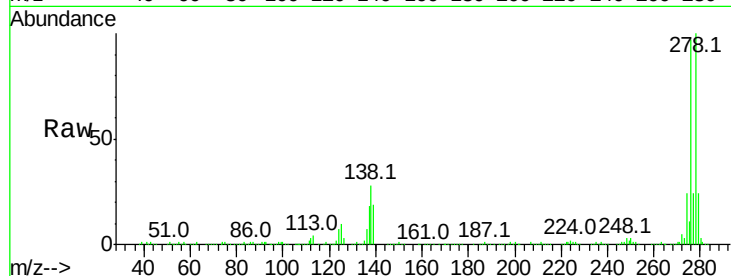
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.832 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	863123		
138	28.0	25.0	37.6	
277	25.1	20.1	30.1	

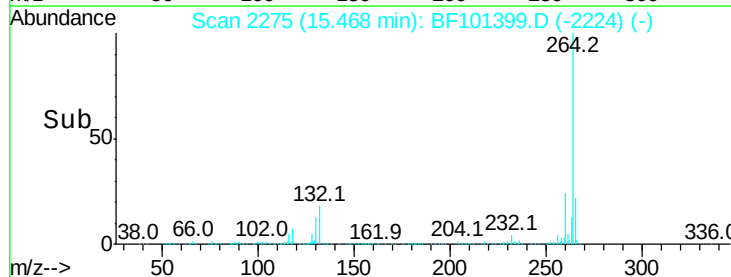
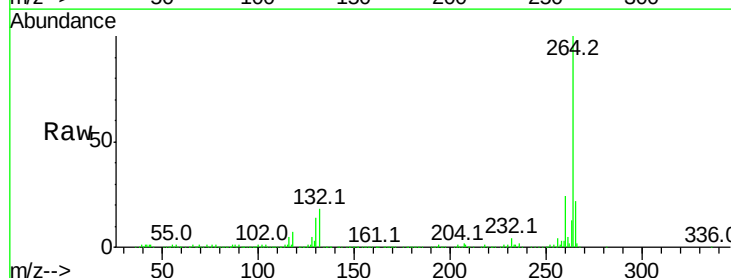
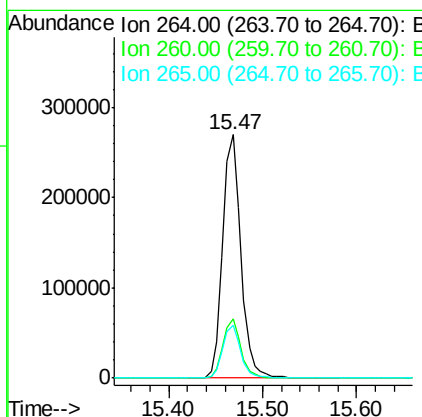
Manual Integrations
 APPROVED

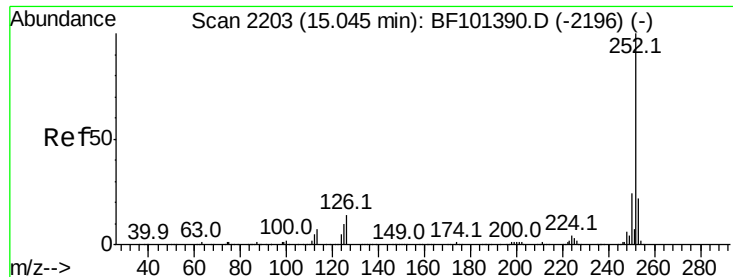
Sohil
 12/15/2017 6:44:04 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101399.D
 Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	365967		
260	24.1	19.2	28.8	
265	22.0	17.5	26.3	





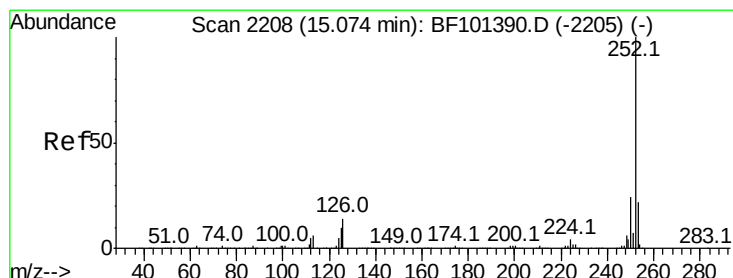
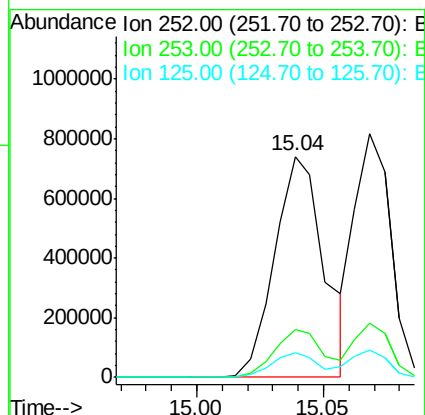
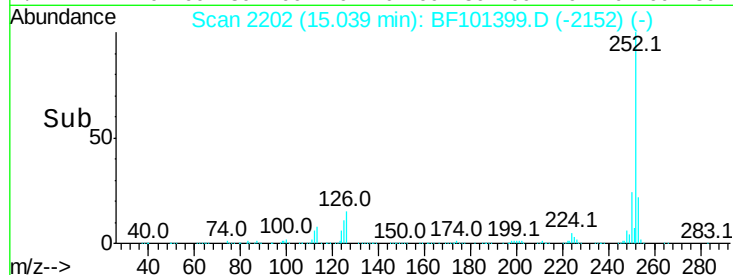
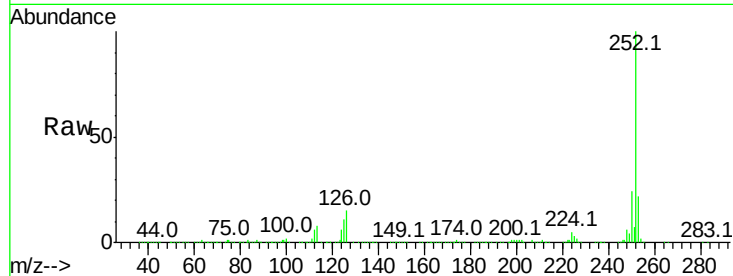
#87
Benzo(b)fluoranthene
Concen: 45.288 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.4	9.0	13.6

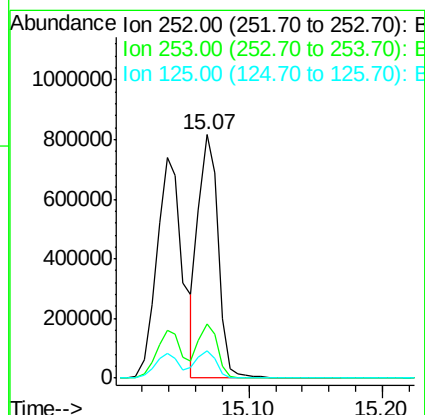
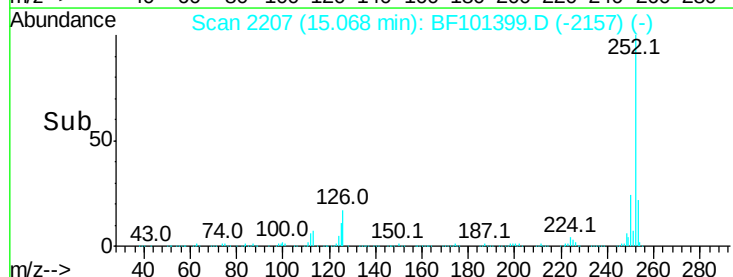
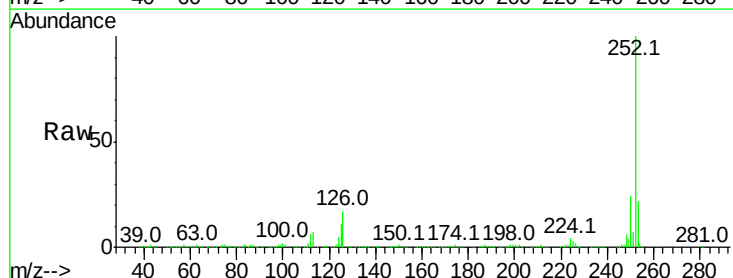
Manual Integrations
APPROVED

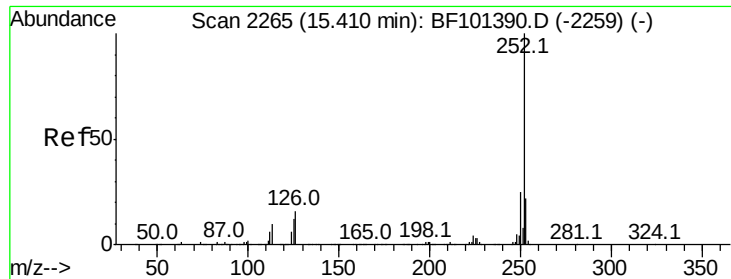
Sohil
12/15/2017 6:44:04 PM



#88
Benzo(k)fluoranthene
Concen: 38.021 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.2	10.2	15.2





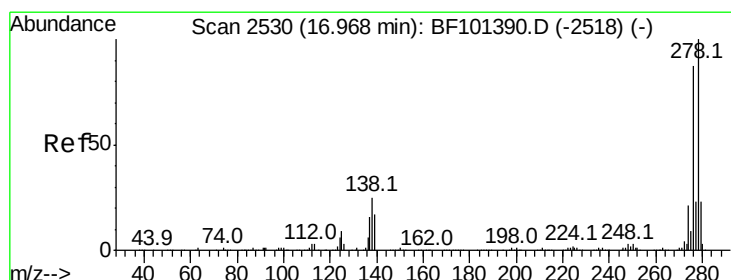
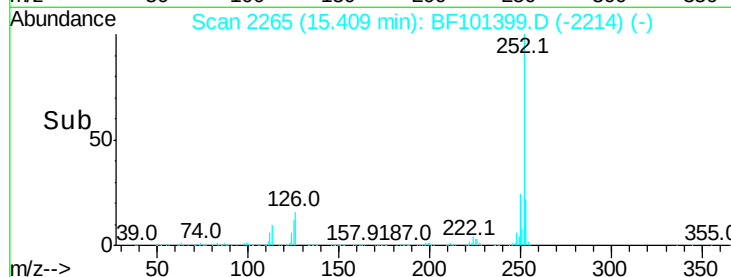
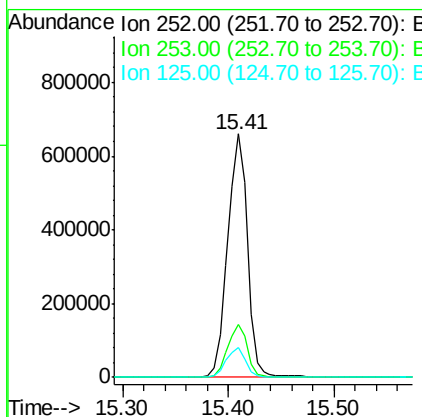
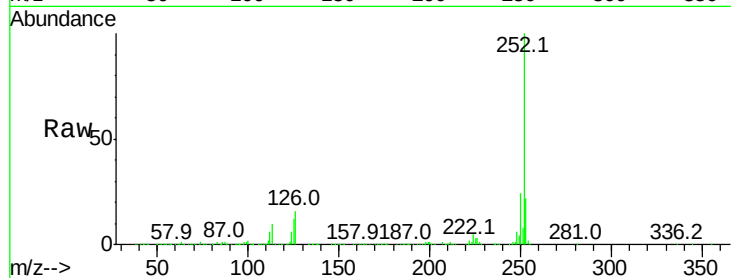
#89
Benzo(a)pyrene
Concen: 41.438 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB104947BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.2	9.8	14.6

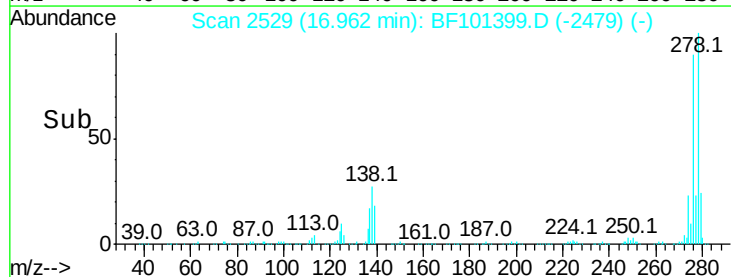
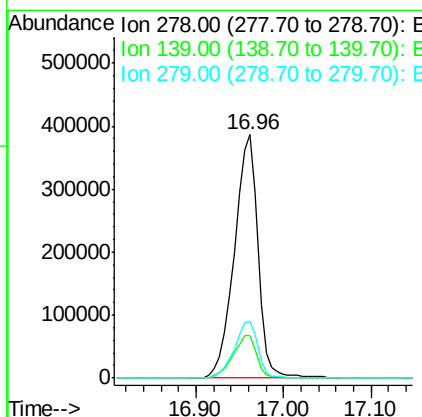
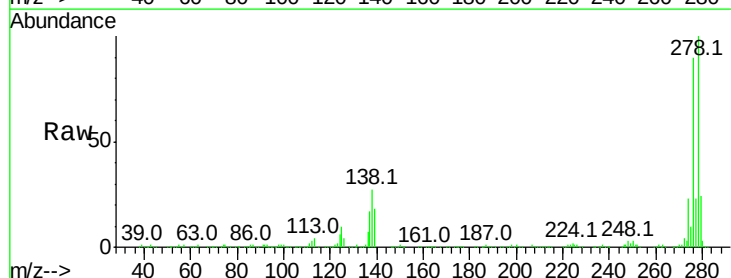
Manual Integrations
APPROVED

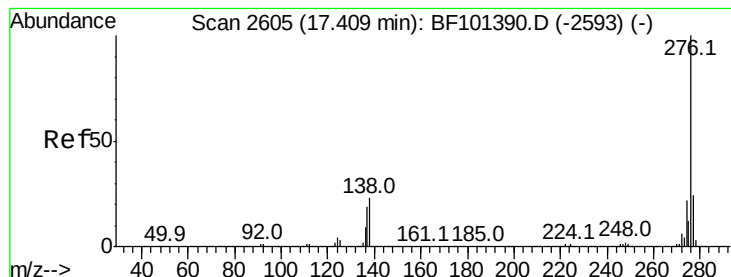
Sohil
12/15/2017 6:44:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.339 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101399.D
Acq: 14 Dec 2017 18:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 44.201 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BF101399.D

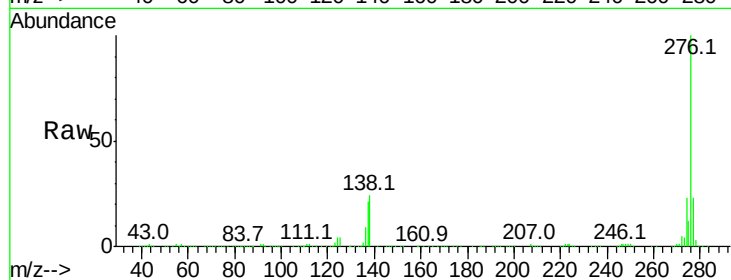
Acq: 14 Dec 2017 18:02

Instrument :

BNA_F

ClientSampleId :

PB104947BS



Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.9	21.8	32.8

Manual Integrations
APPROVED

Sohil
12/15/2017 6:44:04 PM

