

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112575.D
 Acq On : 14 Feb 2019 18:36
 Operator : JU/SJ
 Sample : K1457-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Manual Integrations
 APPROVED

Sohil
 2/15/2019 4:53:20 PM

Quant Time: Feb 15 06:16:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87773	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	319235	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	152544	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	276856	20.00	ng	0.00
76) Chrysene-d12	14.05	240	155555	20.00	ng	0.04
87) Perylene-d12	15.57	264	124184	20.00	ng	0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	471121	114.01	ng	-0.01
7) Phenol-d6	6.49	99	576468	100.39	ng	0.00
23) Nitrobenzene-d5	7.40	82	365728	66.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	172242	97.01	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	676116	62.69	ng	-0.01
79) Terphenyl-d14	12.96	244	600976	72.77	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	49116	29.837	ng	94
3) Pyridine	3.35	79	119172	28.460	ng	96
4) n-Nitrosodimethylamine	3.27	42	72141	41.006	ng	88
6) Aniline	6.50	93	73279	10.728	ng	# 1
8) 2-Chlorophenol	6.63	128	181219	32.599	ng	97
9) Benzaldehyde	6.39	77	68644	22.872	ng	93
10) Phenol	6.50	94	202821	32.195	ng	88
11) bis(2-Chloroethyl)ether	6.57	93	156924	31.640	ng	96
12) 1,3-Dichlorobenzene	6.77	146	196824	30.402	ng	97
13) 1,4-Dichlorobenzene	6.85	146	199633	29.962	ng	95
14) 1,2-Dichlorobenzene	7.00	146	190342	30.512	ng	94
15) Benzyl Alcohol	6.98	79	144163	29.783	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	187056	29.374	ng	# 12
17) 2-Methylphenol	7.10	107	134944	30.622	ng	# 84
18) Hexachloroethane	7.35	117	50959	21.780	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	131760	33.278	ng	100
20) 3+4-Methylphenols	7.26	107	187165	33.214	ng	# 62
22) Acetophenone	7.25	105	254280	32.712	ng	# 91
24) Nitrobenzene	7.42	77	173955	31.438	ng	96
25) Isophorone	7.66	82	350746	40.354	ng	# 95
26) 2-Nitrophenol	7.74	139	58811	19.889	ng	# 81
27) 2,4-Dimethylphenol	7.78	122	151175	37.106	ng	88
28) bis(2-Chloroethoxy)methane	7.86	93	195306	33.001	ng	96
29) 2,4-Dichlorophenol	8.00	162	140017	30.711	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	158616	30.266	ng	98
31) Naphthalene	8.14	128	513454	34.393	ng	98
33) 4-Chloroaniline	8.20	127	60230	9.266	ng	# 89
34) Hexachlorobutadiene	8.25	225	91047	29.606	ng	99
35) Caprolactam	8.56	113	29415	18.289	ng	# 1
36) 4-Chloro-3-methylphenol	8.69	107	137737	28.538	ng	97
37) 2-Methylnaphthalene	8.83	142	346622	33.916	ng	96
38) 1-Methylnaphthalene	8.93	142	324192	33.095	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	150605	30.070	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	99381	32.190	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112575.D
 Acq On : 14 Feb 2019 18:36
 Operator : JU/SJ
 Sample : K1457-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

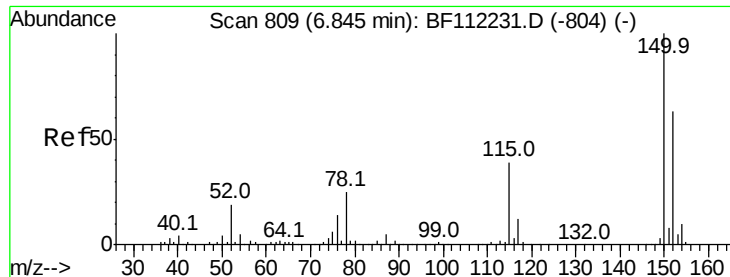
Manual Integrations
 APPROVED

Sohil
 2/15/2019 4:53:20 PM

Quant Time: Feb 15 06:16:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	100155	31.040	ng	# 88
46) 1,1'-Biphenyl	9.29	154	414232	31.061	ng	98
47) 2-Chloronaphthalene	9.32	162	314389	30.400	ng	95
48) 2-Nitroaniline	9.42	65	95277	33.802	ng	88
49) Acenaphthylene	9.74	152	516321	34.063	ng	98
50) Dimethylphthalate	9.59	163	440328	37.152	ng	99
51) 2,6-Dinitrotoluene	9.66	165	68366	25.756	ng	# 88
52) Acenaphthene	9.91	154	286679	31.660	ng	99
53) 3-Nitroaniline	9.83	138	61758	21.476	ng	87
55) Dibenzofuran	10.09	168	428443	30.963	ng	96
56) 4-Nitrophenol	10.03	139	64056	42.133	ng	# 79
57) 2,4-Dinitrotoluene	10.08	165	81773	24.199	ng	# 67
58) Fluorene	10.43	166	355310	34.314	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	80625	33.065	ng	# 94
60) Diethylphthalate	10.29	149	387733	32.966	ng	97
61) 4-Chlorophenyl-phenylether	10.41	204	165929	29.458	ng	# 86
62) 4-Nitroaniline	10.45	138	76496	27.120	ng	90
63) Azobenzene	10.57	77	305579	29.541	ng	98
66) n-Nitrosodiphenylamine	10.53	169	307992	33.008	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	98641	30.293	ng	97
68) Hexachlorobenzene	10.99	284	107325	30.721	ng	93
69) Atrazine	11.07	200	101877	33.838	ng	96
70) Pentachlorophenol	11.19	266	80541	59.249	ng	99
71) Phenanthrene	11.39	178	505155	35.096	ng	98
72) Anthracene	11.45	178	506042	35.295	ng	99
73) Carbazole	11.60	167	437731	30.951	ng	98
74) Di-n-butylphthalate	11.92	149	589623	33.588	ng	99
75) Fluoranthene	12.60	202	552997	35.821	ng	98
78) Pvrene	12.83	202	606000	56.269	ng	99
80) Butylbenzylphthalate	13.43	149	194866	37.398	ng	# 79
81) Benzo(a)anthracene	14.04	228	315776	34.532	ng	# 93
82) 3,3'-Dichlorobenzidine	13.99	252	20293	5.930	ng	# 63
83) Chrysene	14.08	228	342727	39.264	ng	# 94
84) Bis(2-ethylhexyl)phthalate	14.00	149	256757	34.714	ng	# 93
85) Di-n-octyl phthalate	14.62	149	348286	30.606	ng	# 80
86) Indeno(1,2,3-cd)pyrene	17.10	276	290173	41.954	ng	97
88) Benzo(b)fluoranthene	15.12	252	181302m	24.412	ng	
89) Benzo(k)fluoranthene	15.14	252	346560m	48.717	ng	
90) Benzo(a)pyrene	15.50	252	243289	36.407	ng	# 49
91) Dibenzo(a,h)anthracene	17.09	278	228017	42.337	ng	# 82
92) Benzo(g,h,i)perylene	17.56	276	250834	49.365	ng	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

ClientSampleId :

SB-10(0-5)MSD

Tot Ion:152 Resp: 87773

Ion Ratio Lower Upper

152 100

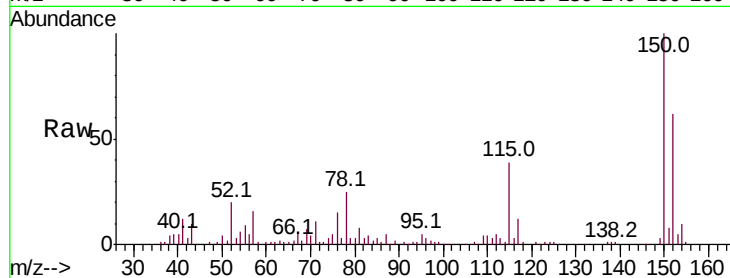
150 160.2 127.4 191.0

115 62.9 45.5 68.3

Manual Integrations
APPROVED

Sohil

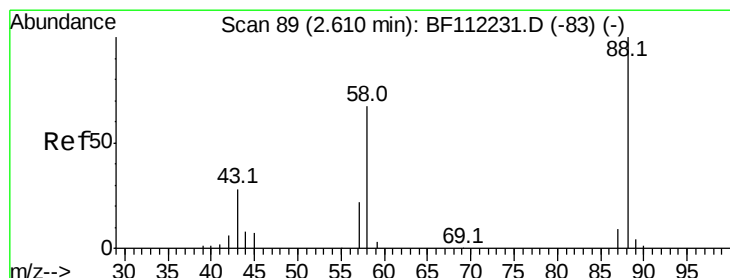
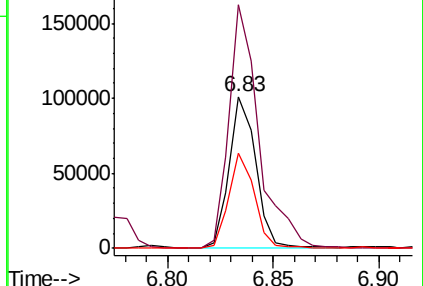
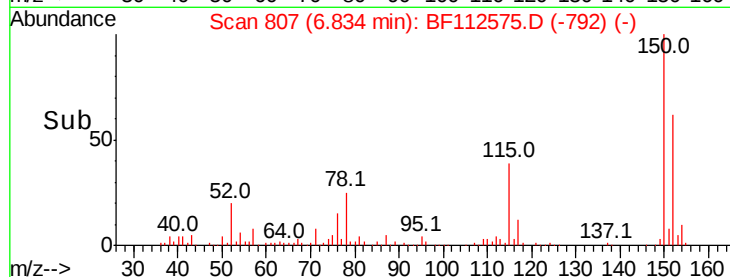
2/15/2019 4:53:20 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.837 ng

RT: 2.56 min Scan# 80

Delta R.T. -0.05 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

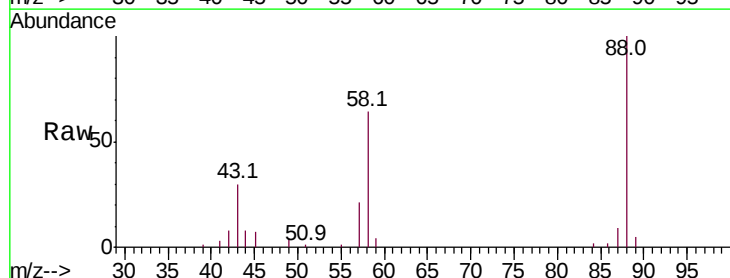
Tgt Ion: 88 Resp: 49116

Ion Ratio Lower Upper

88 100

58 68.2 57.4 86.2

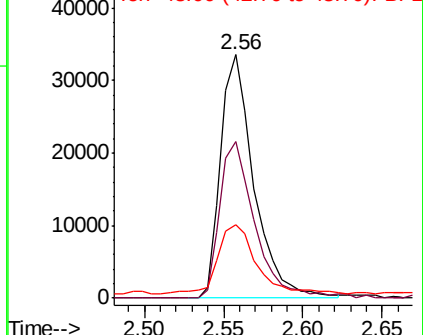
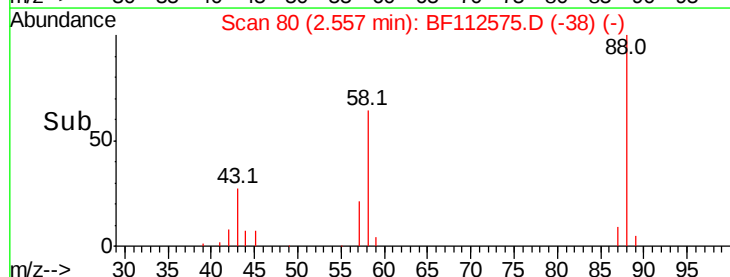
43 32.4 22.2 33.4

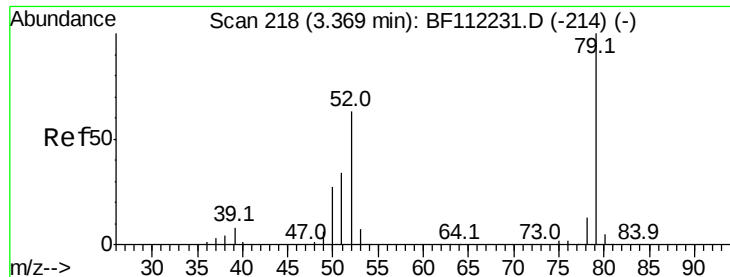


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.460 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

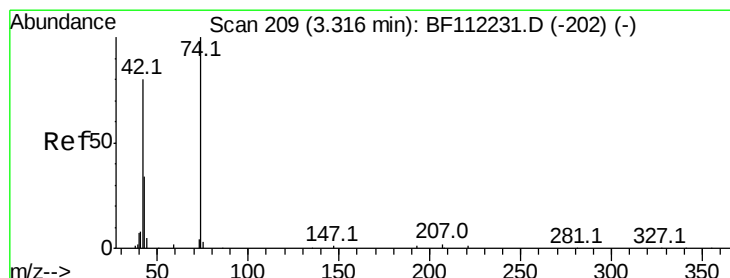
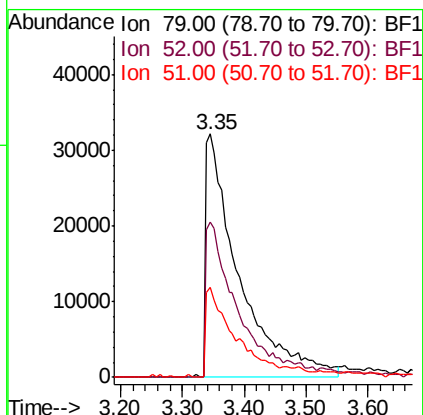
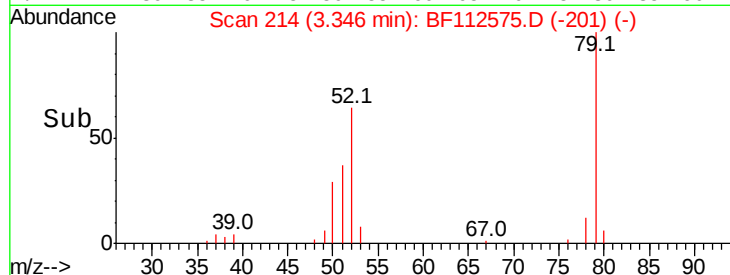
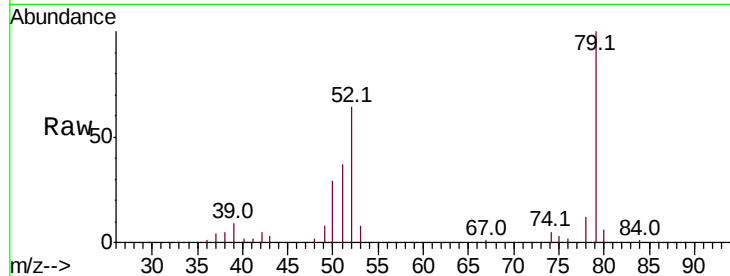
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	79	Resp:	119172
Ion Ratio	Lower	Upper	
79	100		
52	63.6	52.4	78.6
51	37.0	26.1	39.1

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#4

n-Nitrosodimethylamine

Concen: 41.006 ng

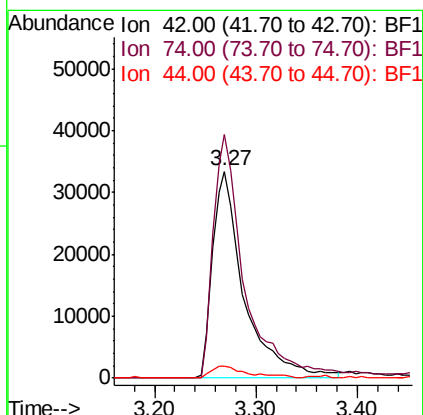
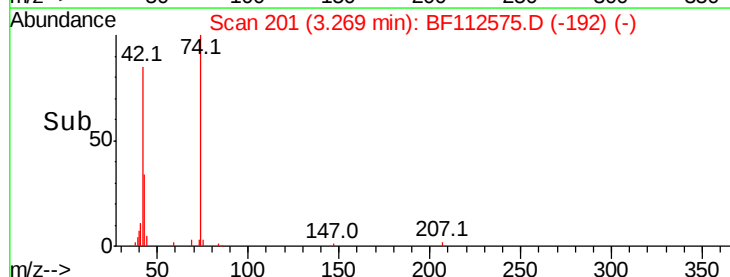
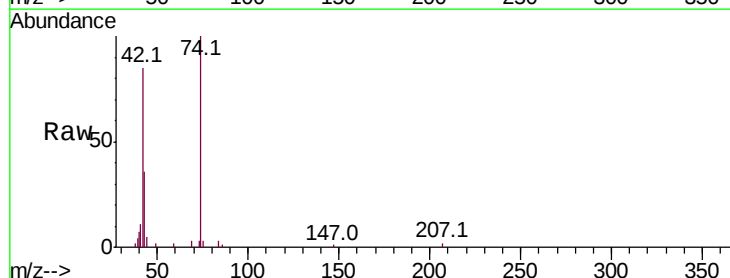
RT: 3.27 min Scan# 201

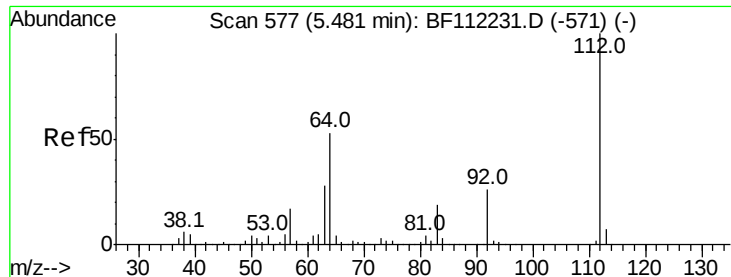
Delta R.T. -0.05 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	42	Resp:	72141
Ion Ratio	Lower	Upper	
42	100		
74	117.8	105.6	158.4
44	5.9	5.4	8.2





#5

2-Fluorophenol

Concen: 114.009 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

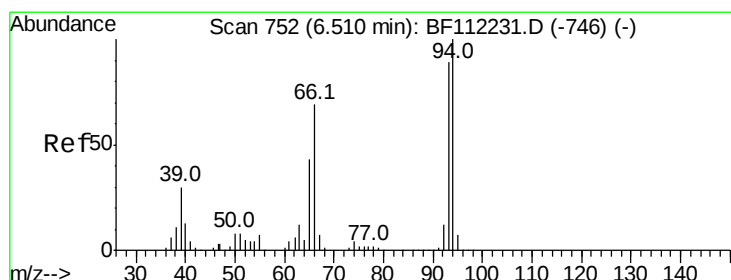
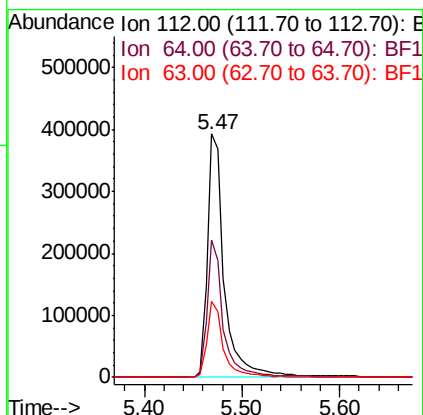
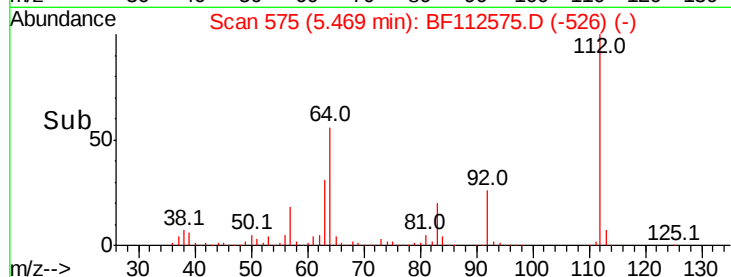
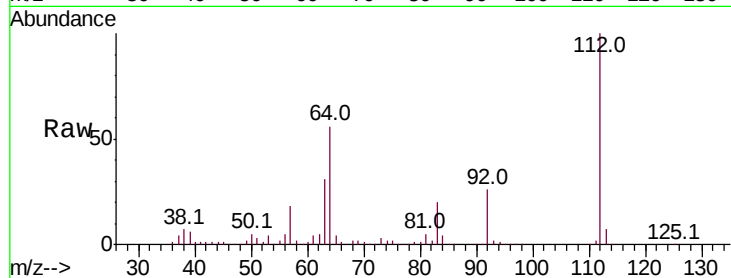
ClientSampled :

SB-10(0-5)MSD

Tot Ion:	112	Resp:	471121
Ion Ratio	Lower	Upper	
112	100		
64	56.3	45.7	68.5
63	31.4	23.6	35.4

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#6

Aniline

Concen: 10.728 ng

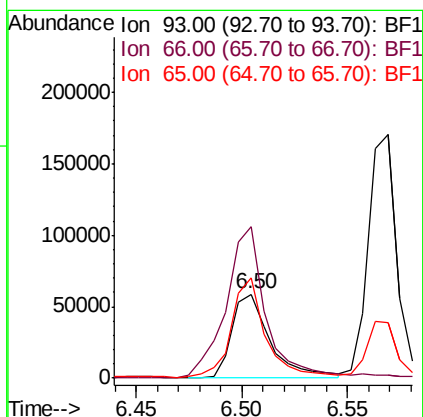
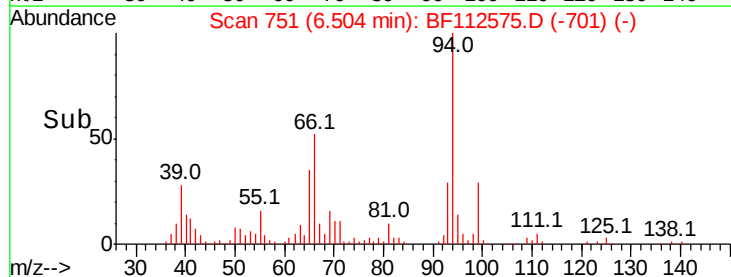
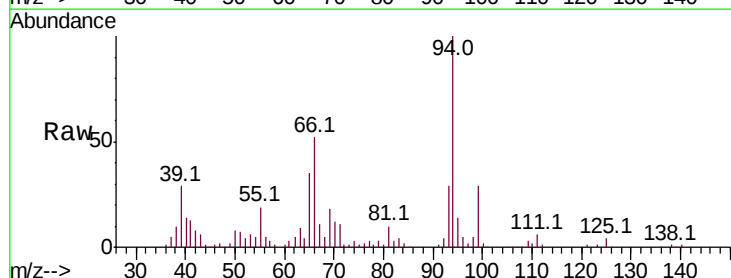
RT: 6.50 min Scan# 751

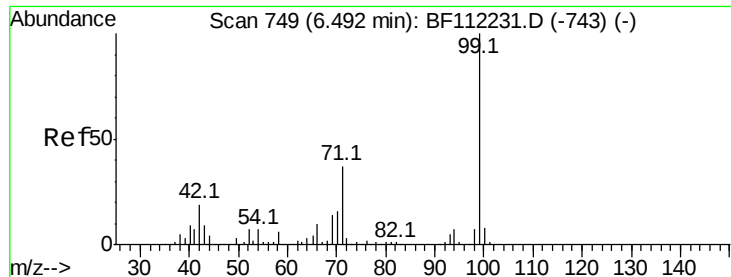
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	93	Resp:	73279
Ion Ratio	Lower	Upper	
93	100		
66	179.6	43.4	65.2#
65	119.2	25.3	37.9#





#7

Phenol-d6

Concen: 100.394 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

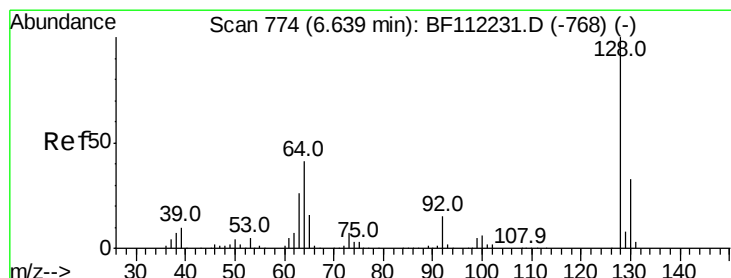
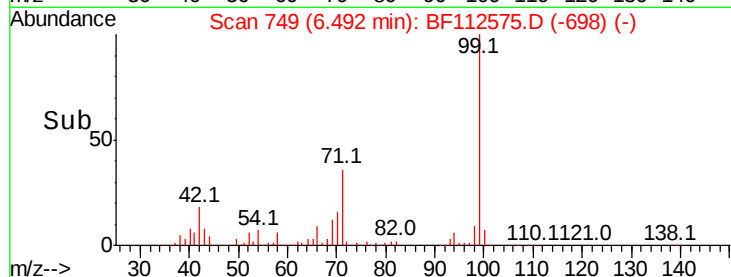
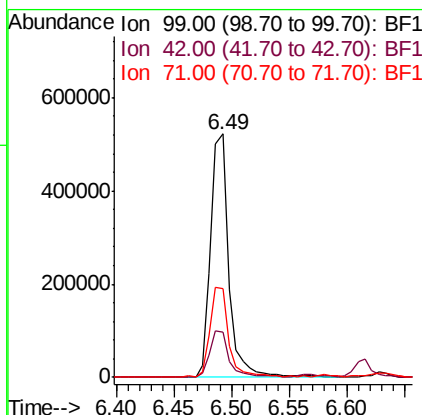
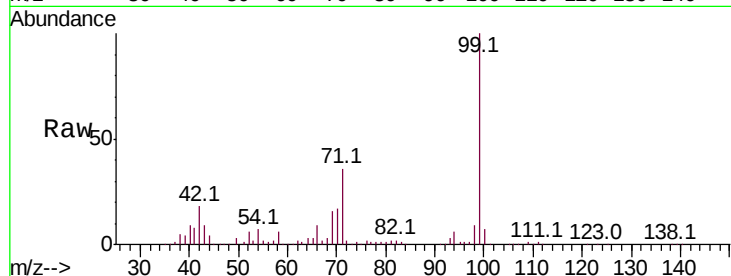
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	99	Resp:	576468
Ion Ratio	Lower	Upper	
99	100		
42	18.4	15.1	22.7
71	36.3	26.9	40.3

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#8

2-Chlorophenol

Concen: 32.599 ng

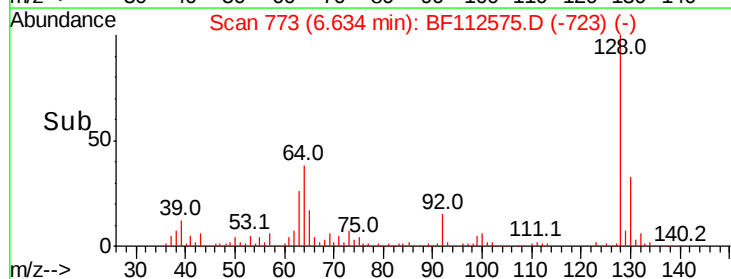
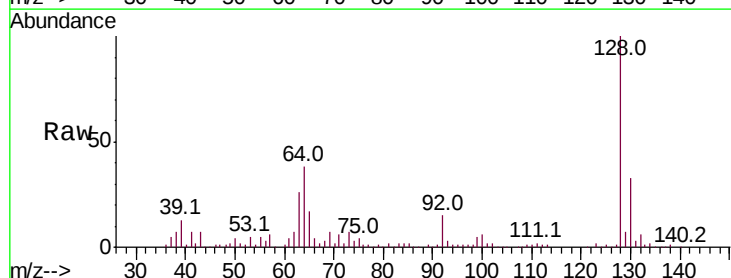
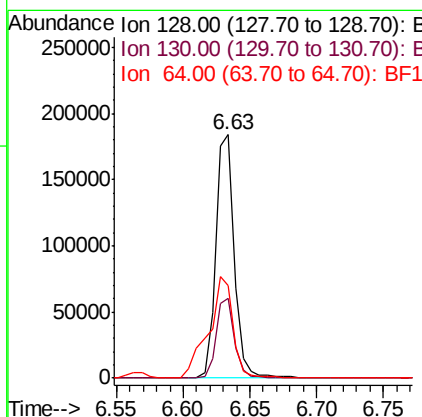
RT: 6.63 min Scan# 773

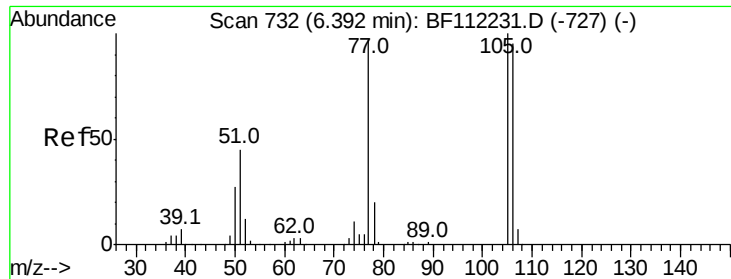
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	128	Resp:	181219
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.4	53.4
64	38.1	20.5	60.5





#9

Benzaldehyde

Concen: 22.872 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

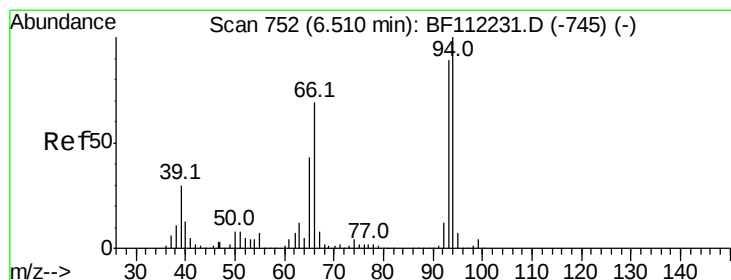
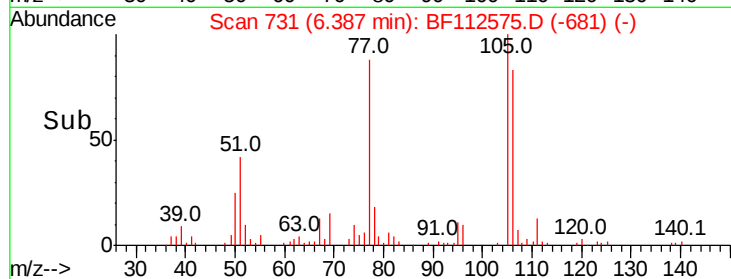
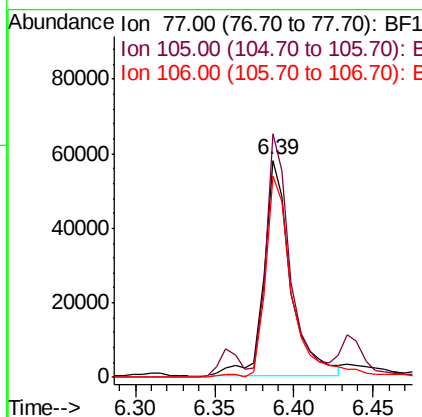
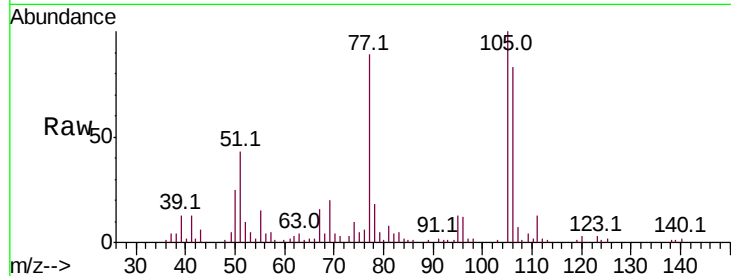
ClientSampleId :

SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	112.3	80.8	120.8
106	92.9	75.7	115.7

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#10

Phenol

Concen: 32.195 ng

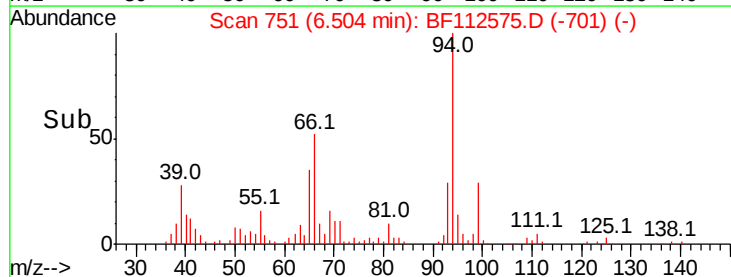
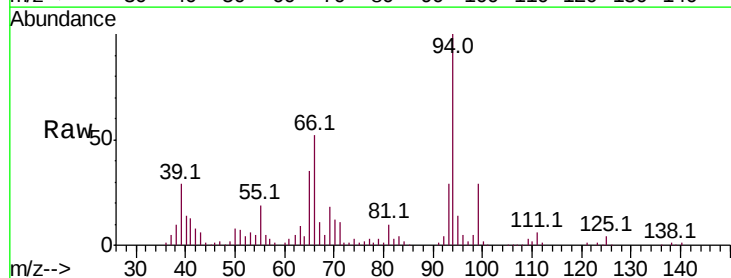
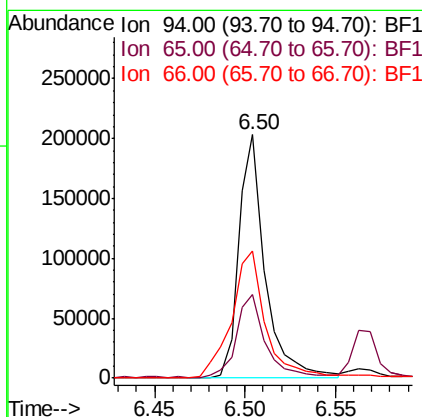
RT: 6.50 min Scan# 751

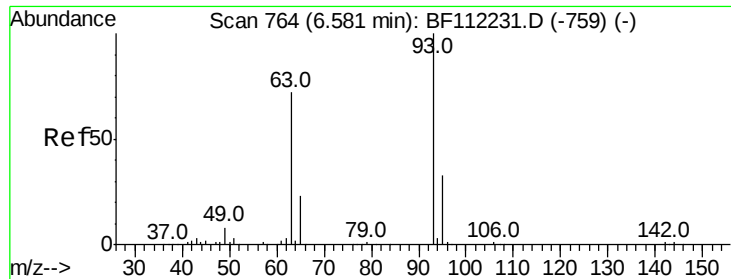
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.6	20.3	60.3
66	52.0	42.4	82.4





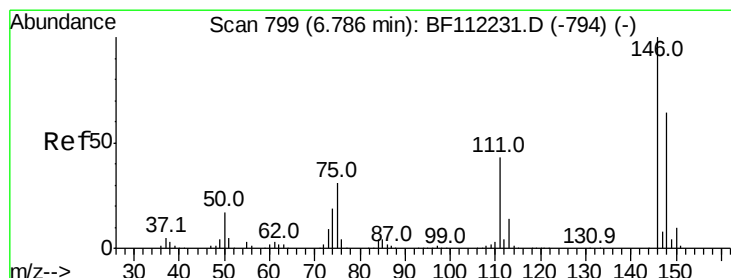
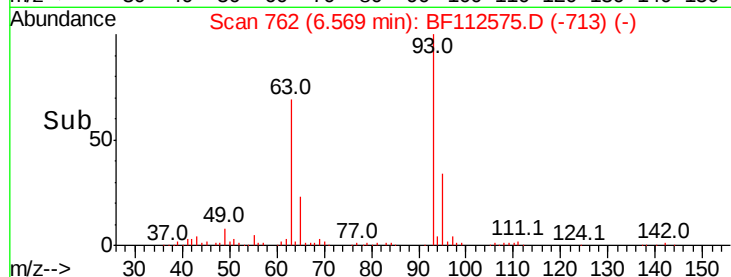
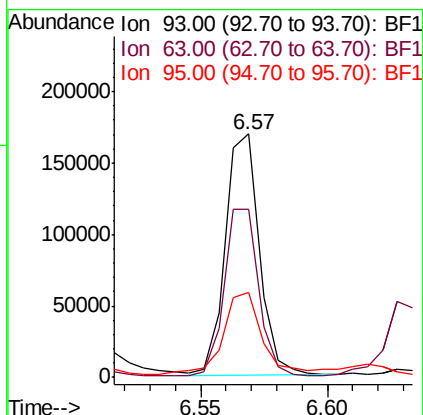
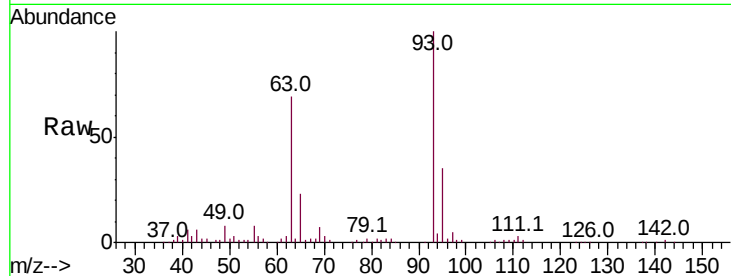
#11
bis(2-Chloroethyl)ether
Concen: 31.640 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	156924		
63	69.2		53.3	93.3
95	34.8		13.4	53.4

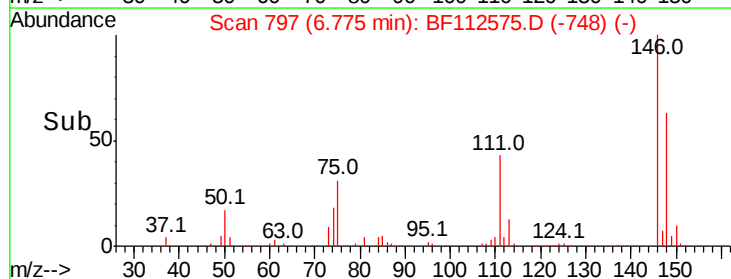
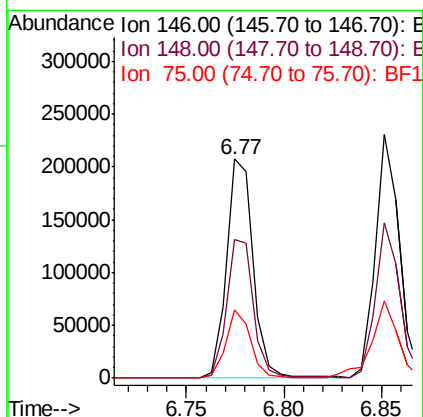
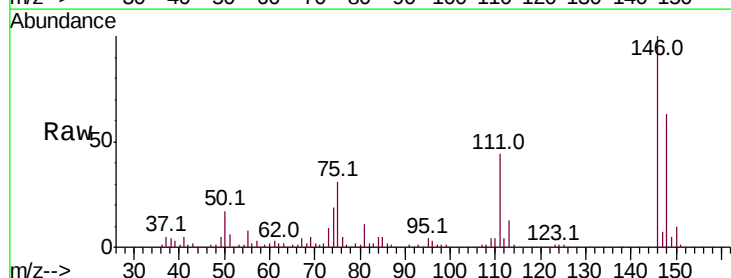
Manual Integrations
APPROVED

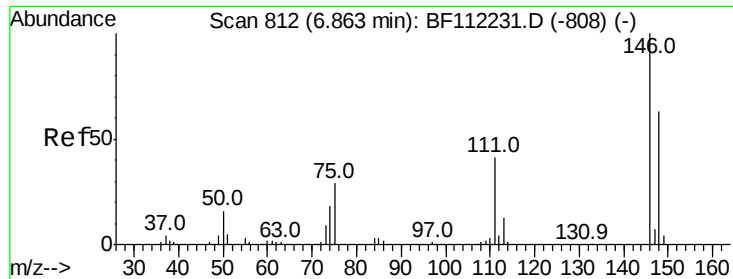
Sohil
2/15/2019 4:53:20 PM



#12
1,3-Dichlorobenzene
Concen: 30.402 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196824		
148	63.1		51.8	77.8
75	31.1		23.1	34.7





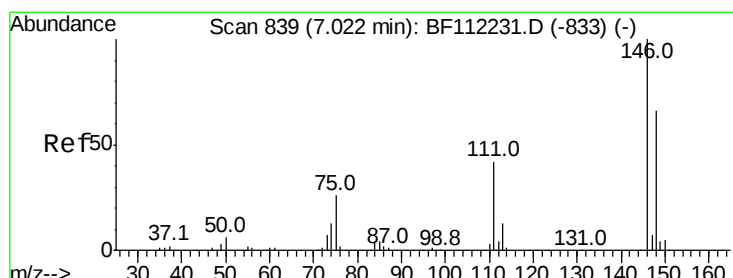
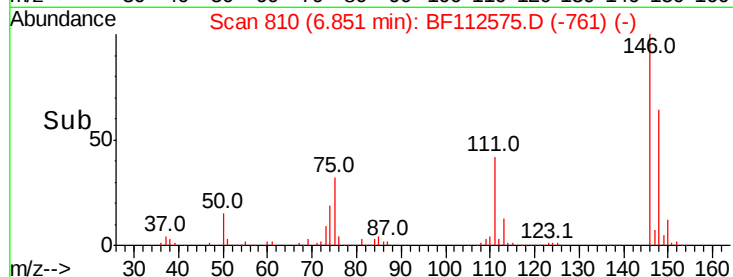
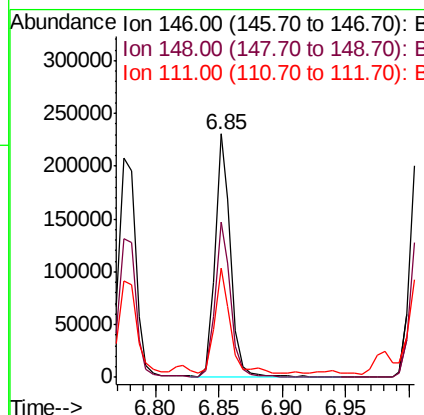
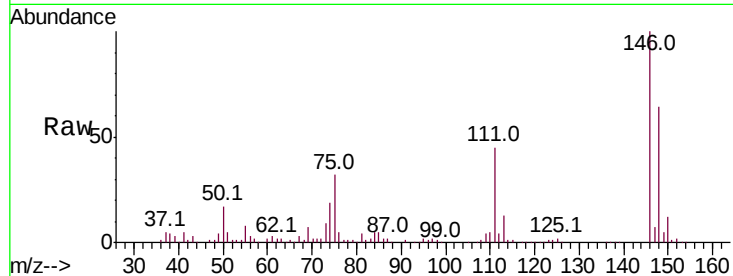
#13
 1,4-Dichlorobenzene
 Concen: 29.962 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	44.7	31.2	46.8

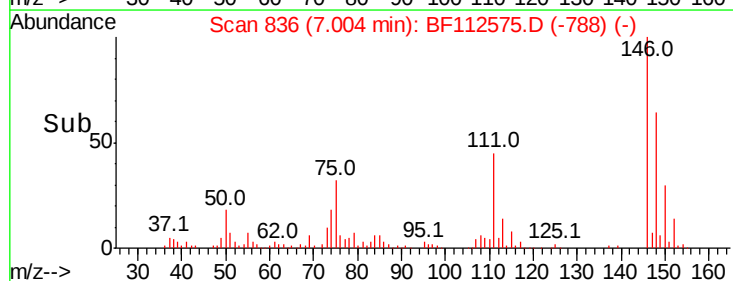
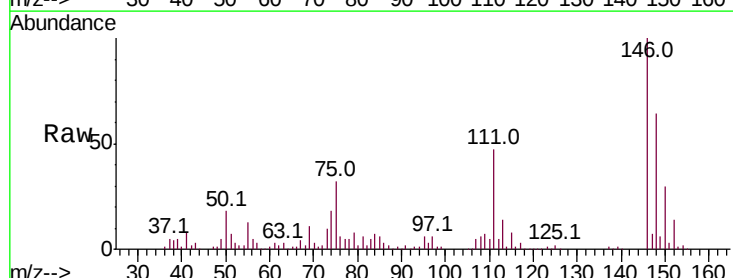
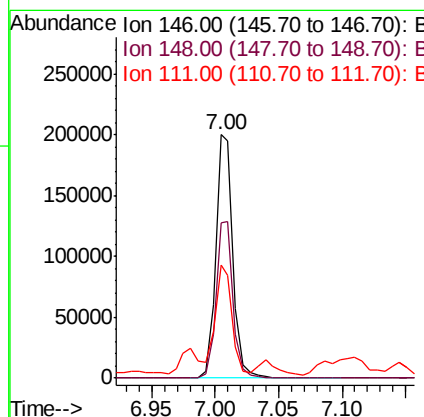
Manual Integrations
 APPROVED

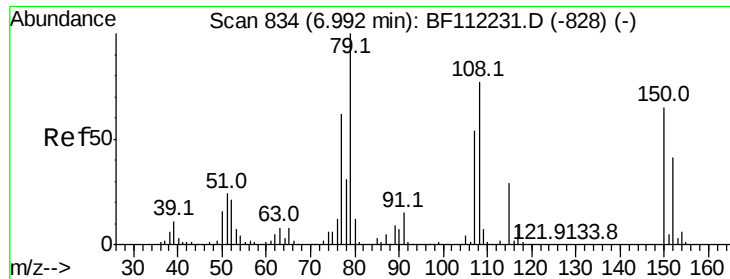
Sohil
 2/15/2019 4:53:20 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.512 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	46.5	31.2	46.8





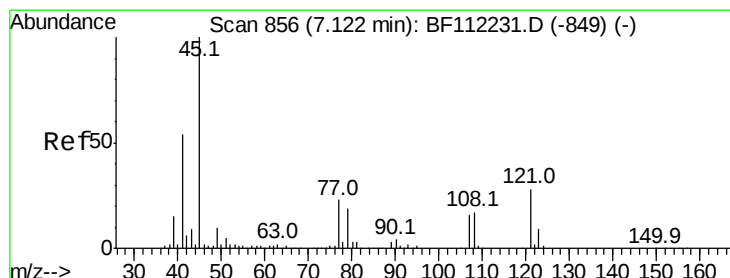
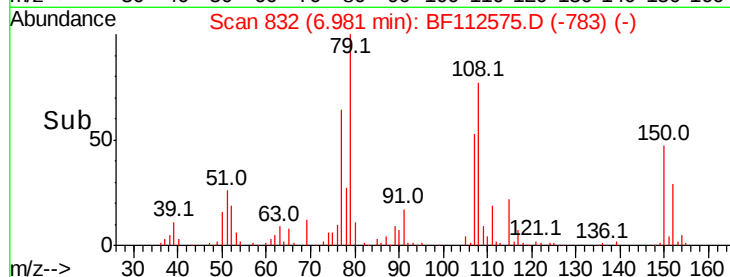
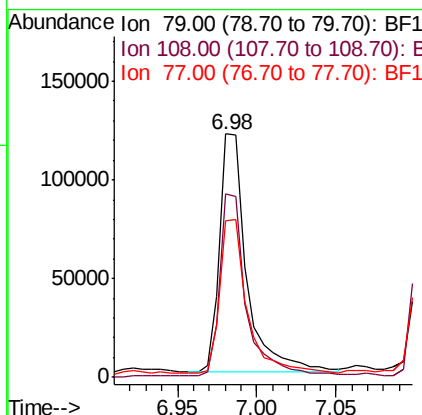
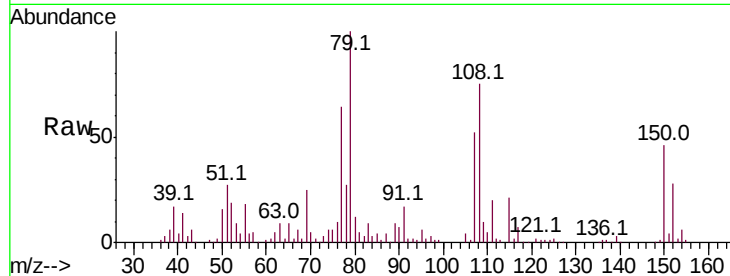
#15
Benzyl Alcohol
Concen: 29.783 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	64.2	96.2
77	64.4	50.3	75.5

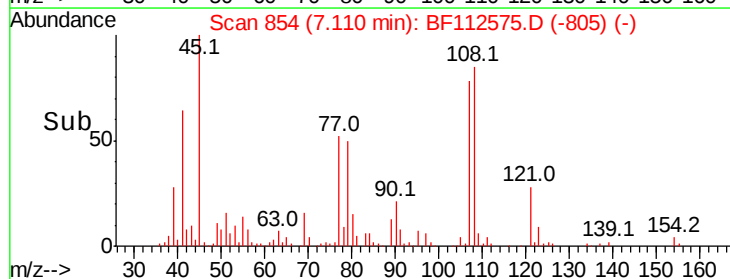
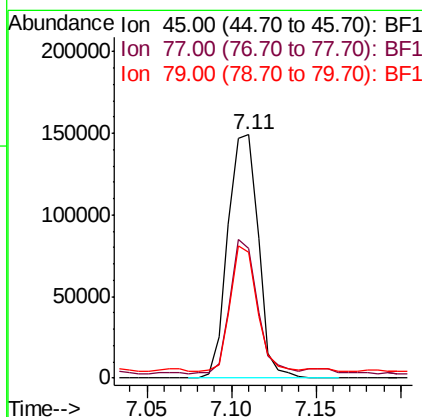
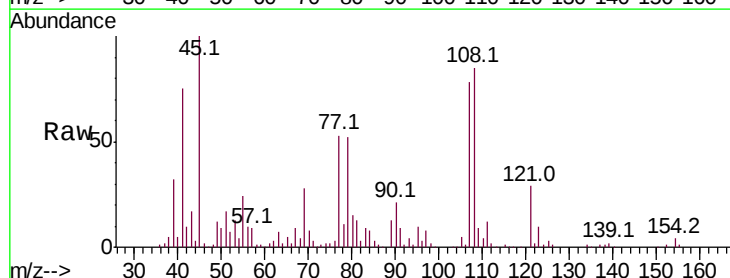
Manual Integrations
APPROVED

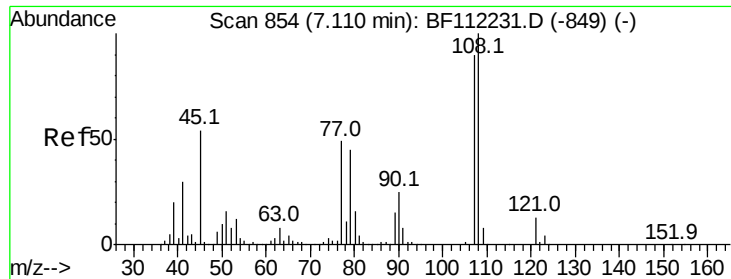
Sohil
2/15/2019 4:53:20 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.374 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	53.3	0.0	36.9#
79	51.9	0.0	34.0#





#17

2-Methylphenol

Concen: 30.622 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

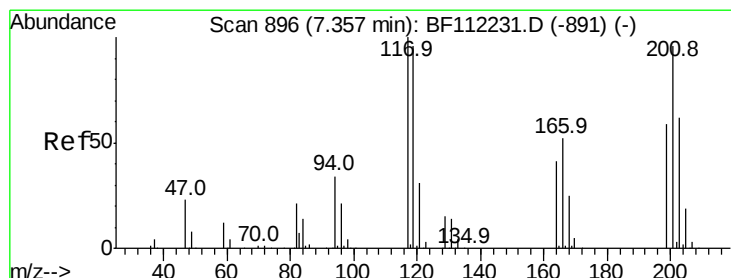
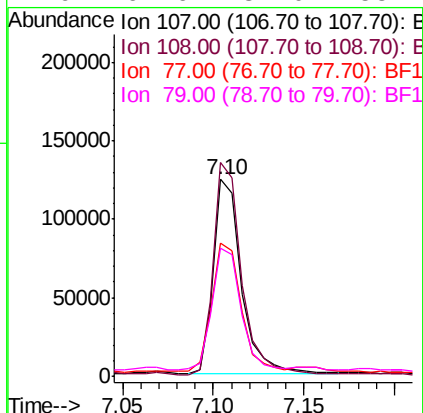
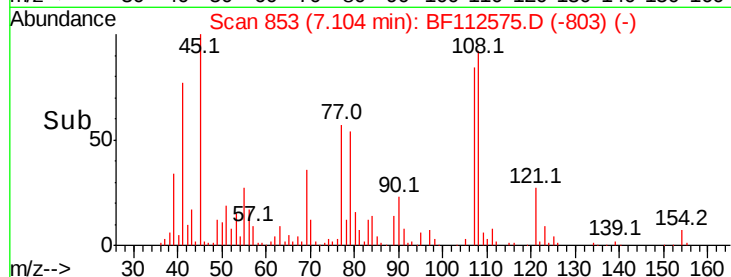
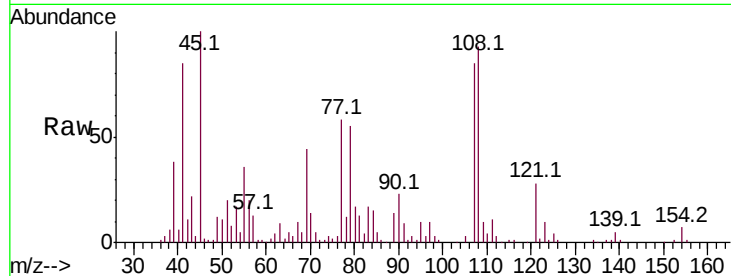
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	107	Resp:	134944
Ion Ratio	Lower	Upper	
107	100		
108	108.4	91.3	136.9
77	67.8	39.0	58.6#
79	64.6	37.0	55.4#

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#18

Hexachloroethane

Concen: 21.780 ng

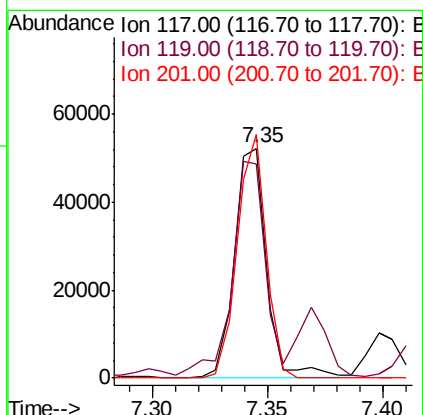
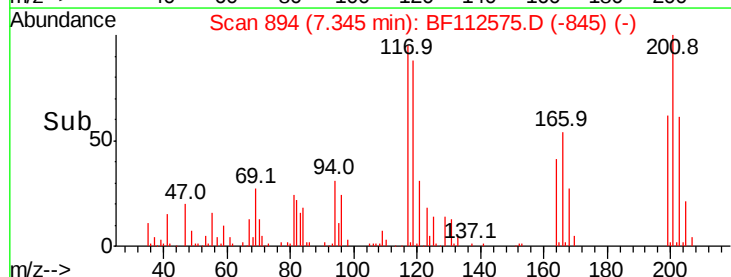
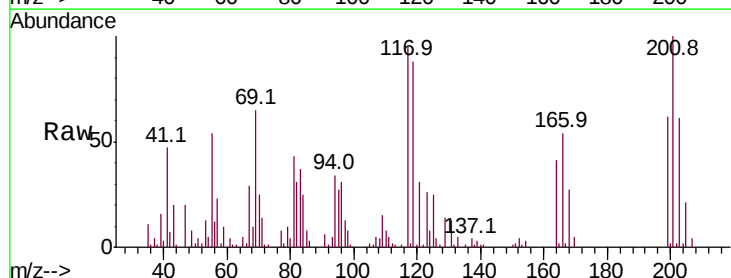
RT: 7.35 min Scan# 894

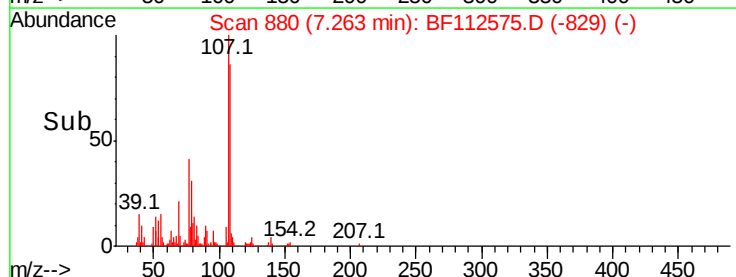
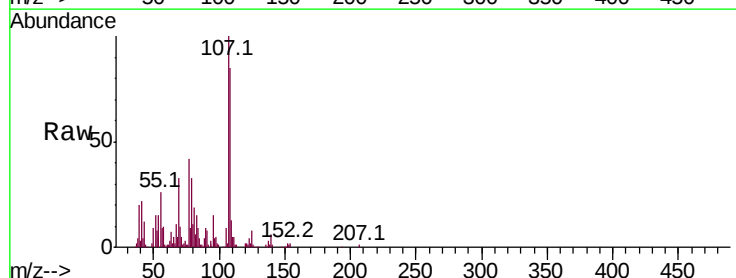
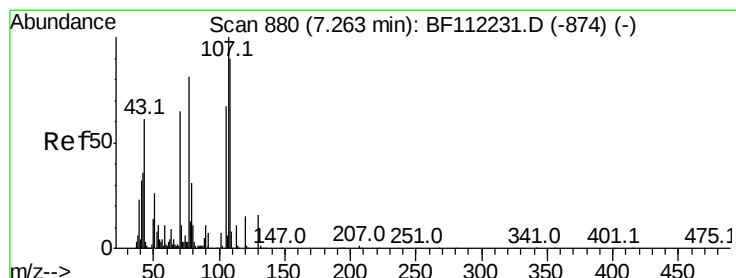
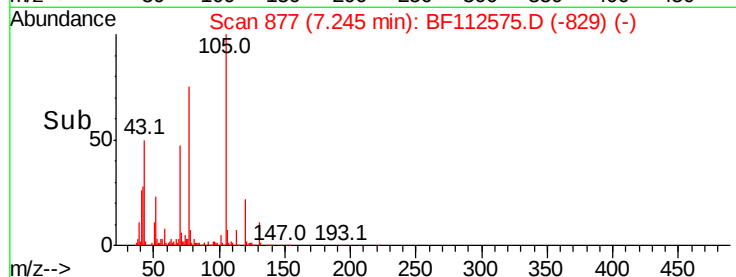
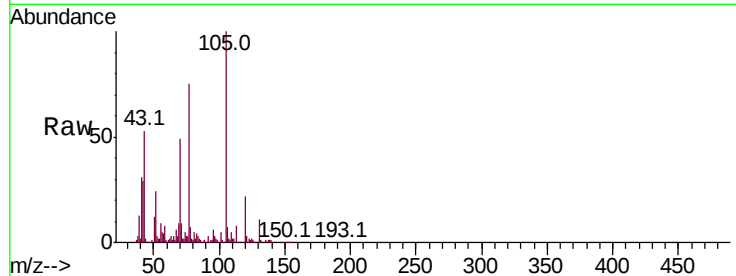
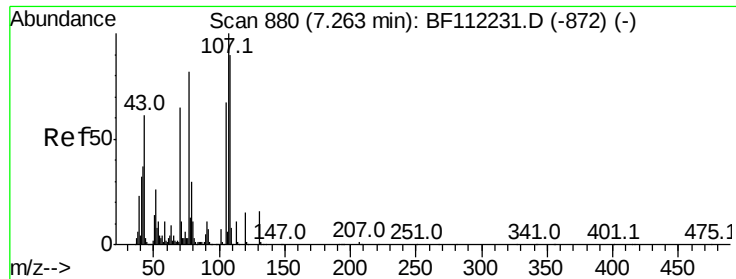
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	117	Resp:	50959
Ion Ratio	Lower	Upper	
117	100		
119	93.0	77.0	115.4
201	105.8	74.1	111.1





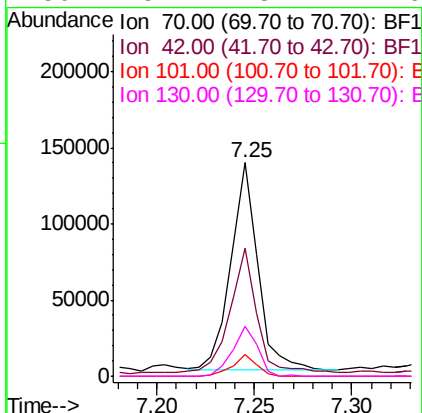
#19
n-Nitroso-di-n-propylamine
Concen: 33.278 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.6	71.4
101	10.2	7.9	11.9
130	23.1	18.4	27.6

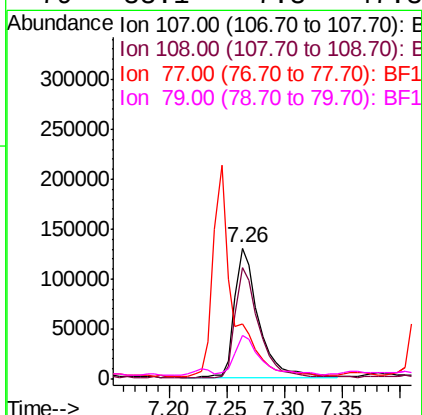
Manual Integrations
APPROVED

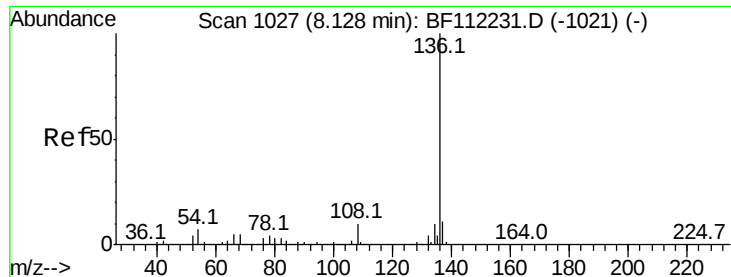
Sohil
2/15/2019 4:53:20 PM



#20
3+4-Methylphenols
Concen: 33.214 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	42.4	100.7	140.7#
79	33.1	7.3	47.3





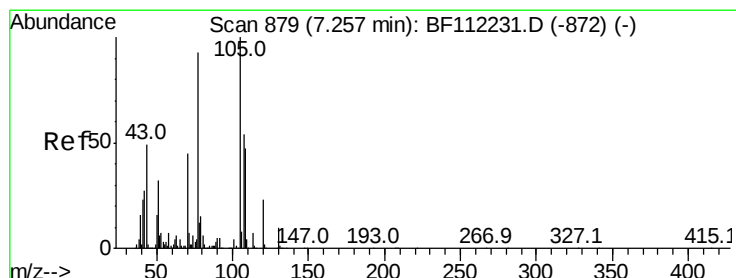
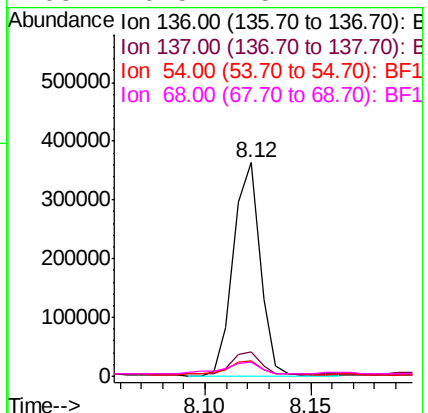
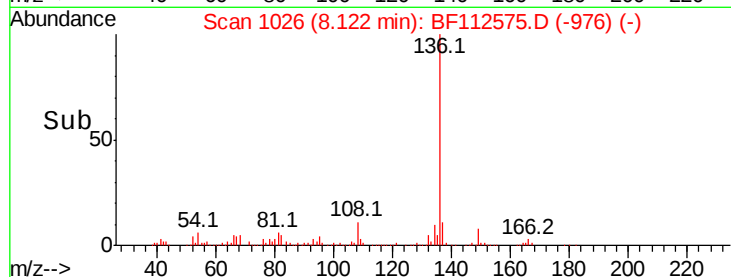
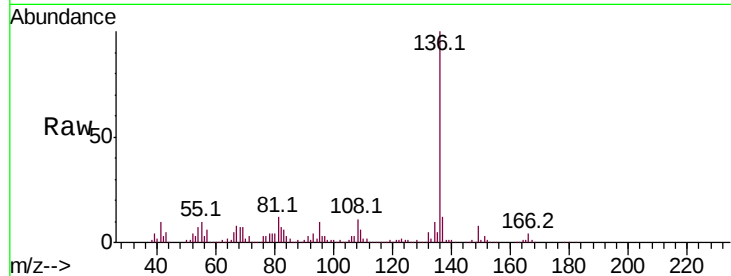
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	9.1	13.7	
54	7.4	5.9	8.9	
68	6.5	5.1	7.7	

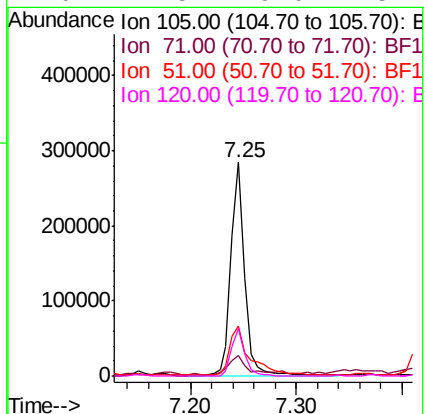
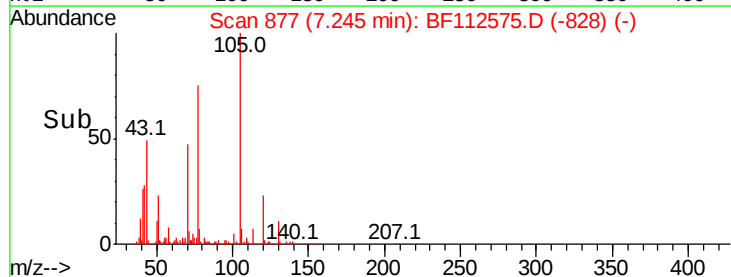
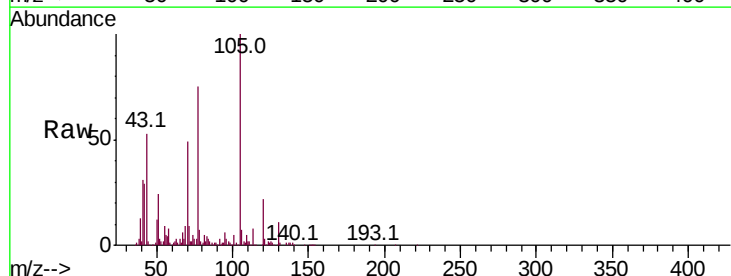
Manual Integrations
APPROVED

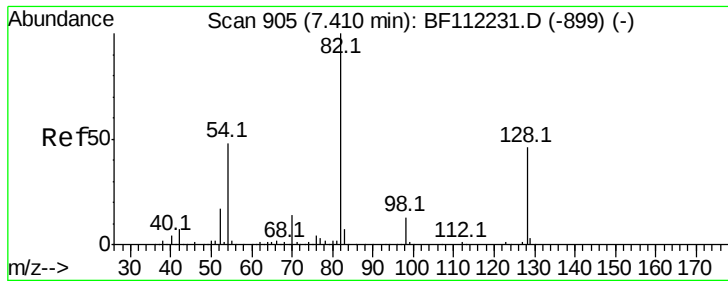
Sohil
2/15/2019 4:53:20 PM



#22
Acetophenone
Concen: 32.712 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.4	4.6	6.8#	
51	23.6	25.0	37.6#	
120	22.5	19.0	28.4	





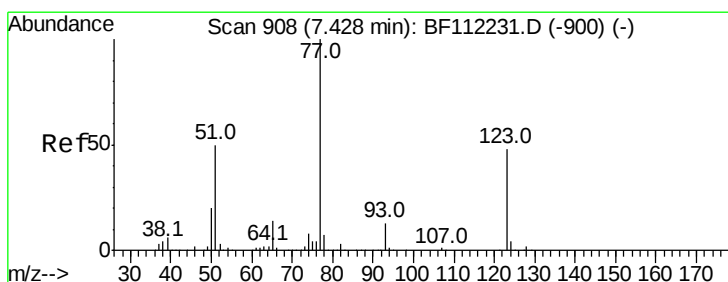
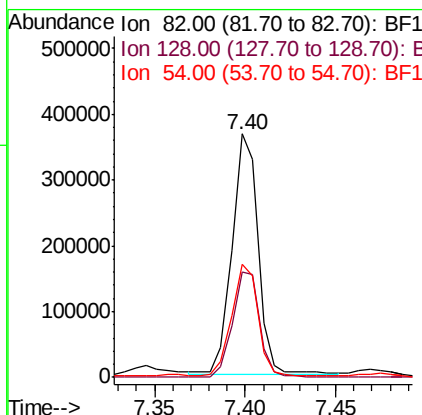
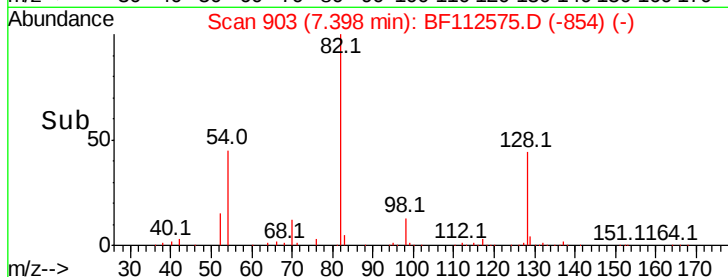
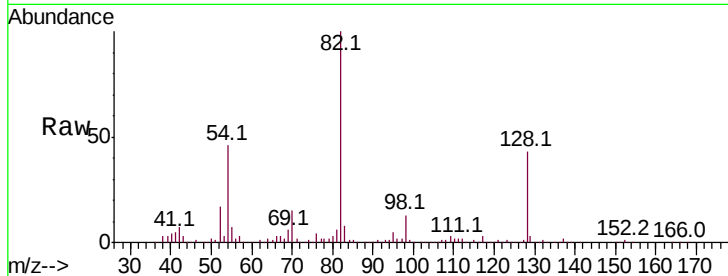
#23
Nitrobenzene-d5
Concen: 66.011 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.8	56.8
54	46.4	39.7	59.5

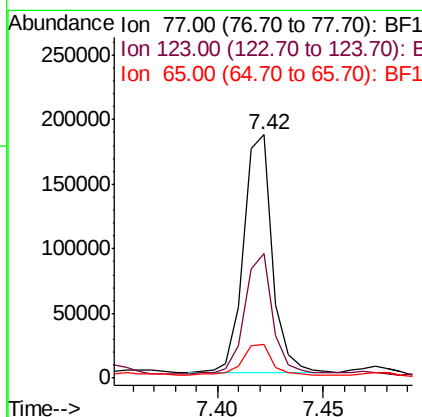
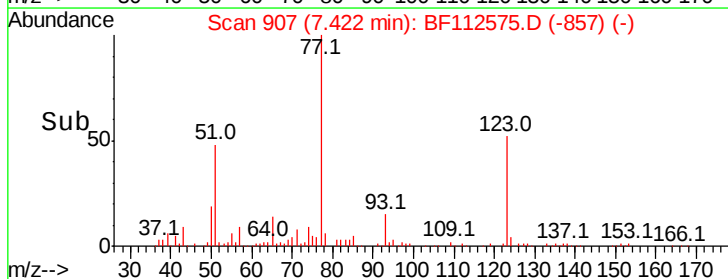
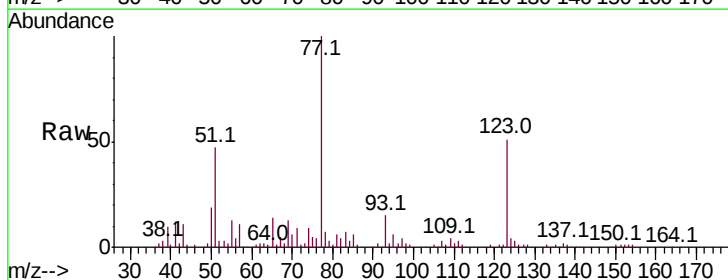
Manual Integrations
APPROVED

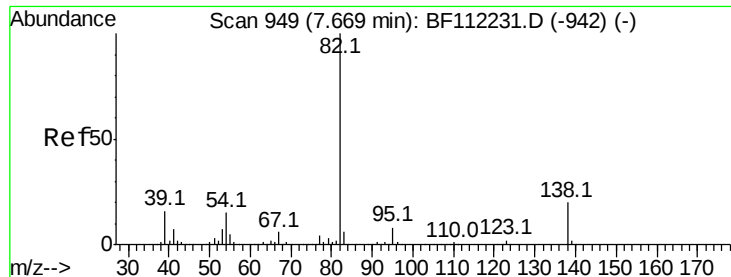
Sohil
2/15/2019 4:53:20 PM



#24
Nitrobenzene
Concen: 31.438 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	38.4	57.6
65	13.7	10.6	15.8





#25

Isophorone

Concen: 40.354 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

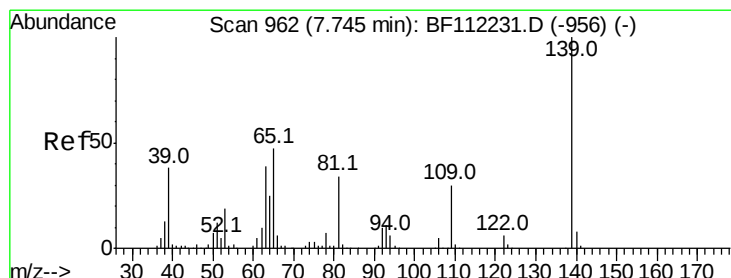
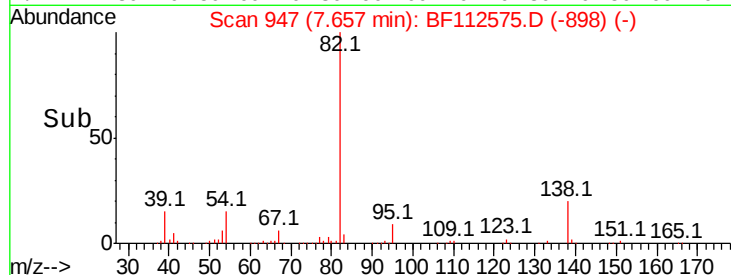
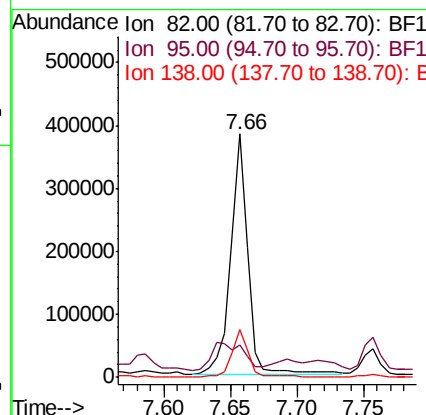
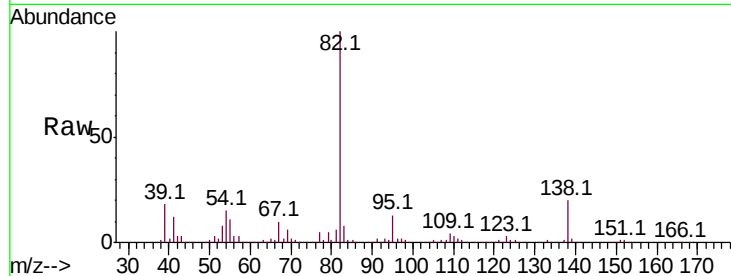
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	82	Resp:	350746
Ion Ratio	Lower	Upper	
82	100		
95	13.2	5.7	8.5#
138	19.6	15.4	23.0

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#26

2-Nitrophenol

Concen: 19.889 ng

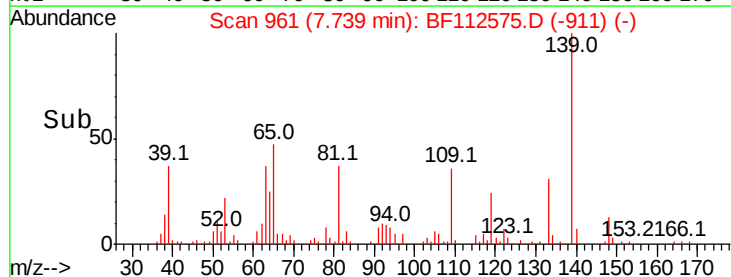
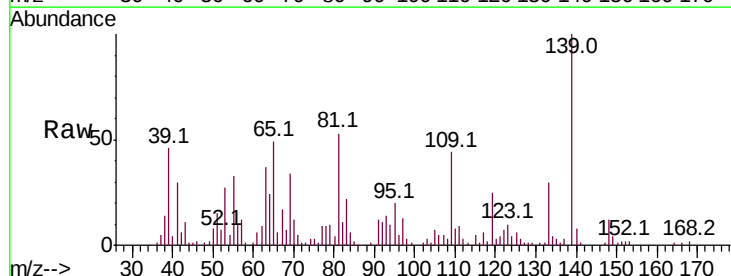
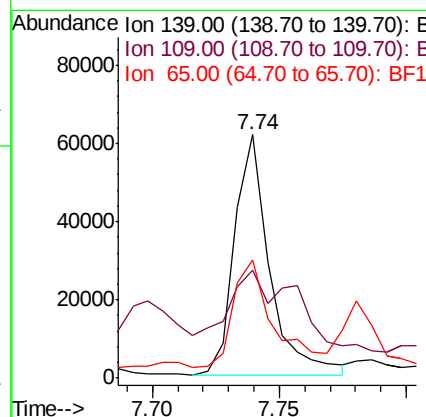
RT: 7.74 min Scan# 961

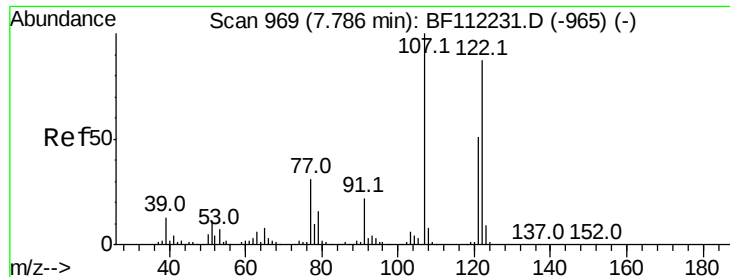
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	139	Resp:	58811
Ion Ratio	Lower	Upper	
139	100		
109	44.3	20.8	31.2#
65	48.7	34.4	51.6





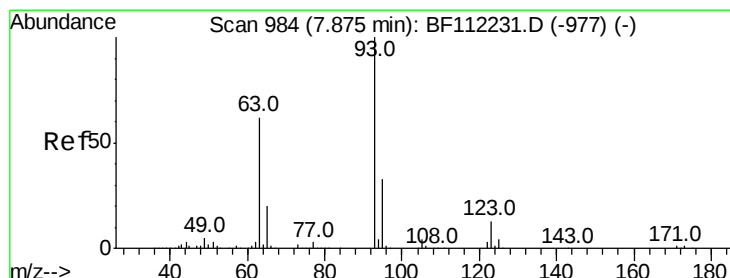
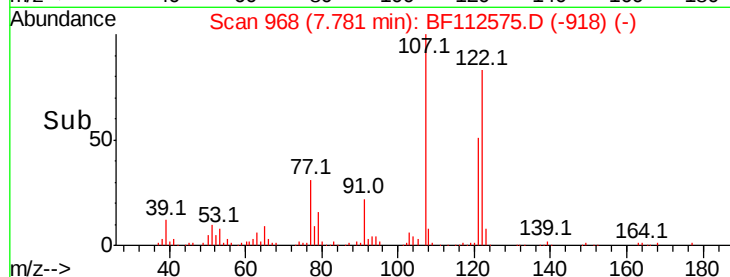
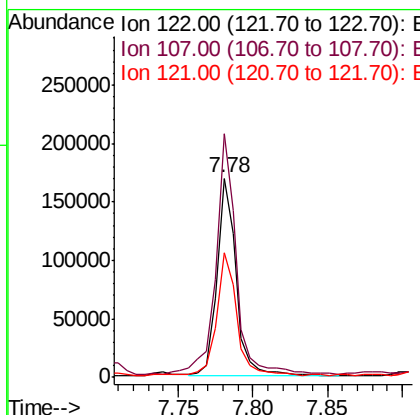
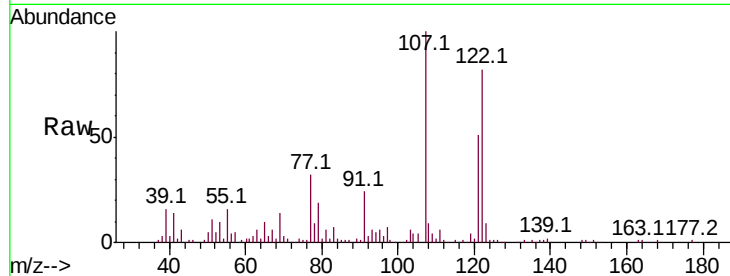
#27
2,4-Dimethylphenol
Concen: 37.106 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	151175		
107	122.2	85.4	128.0	
121	62.7	47.0	70.4	

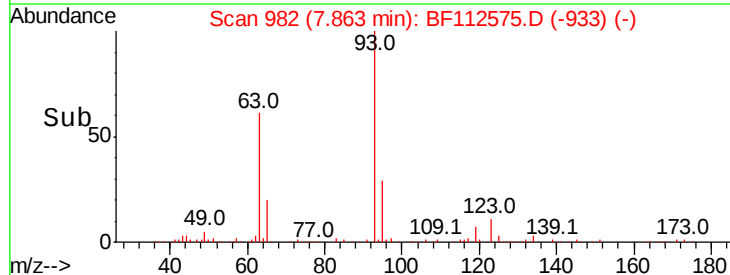
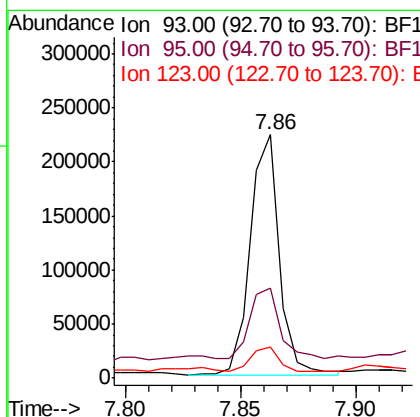
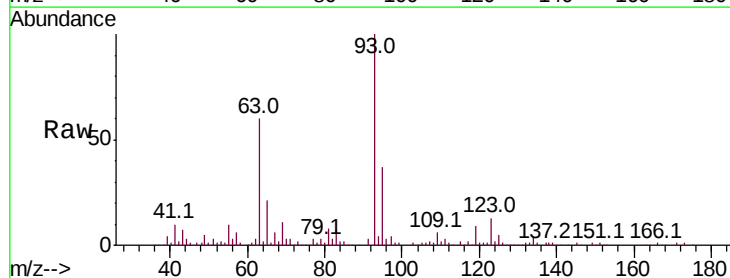
Manual Integrations
APPROVED

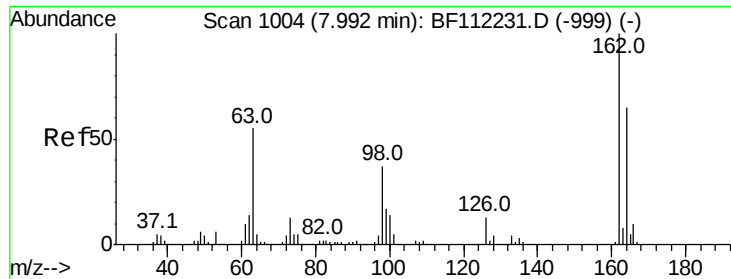
Sohil
2/15/2019 4:53:20 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.001 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195306		
95	37.0	26.8	40.2	
123	12.8	10.2	15.2	





#29

2,4-Dichlorophenol

Concen: 30.711 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

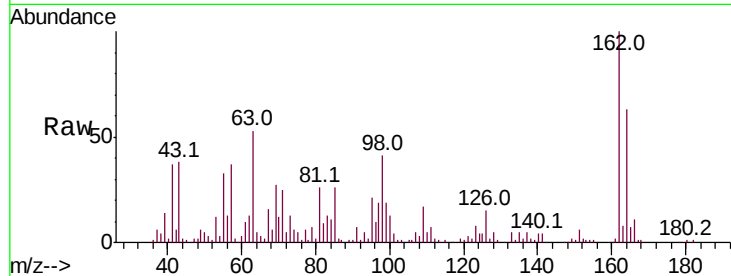
ClientSampleId :

SB-10(0-5)MSD

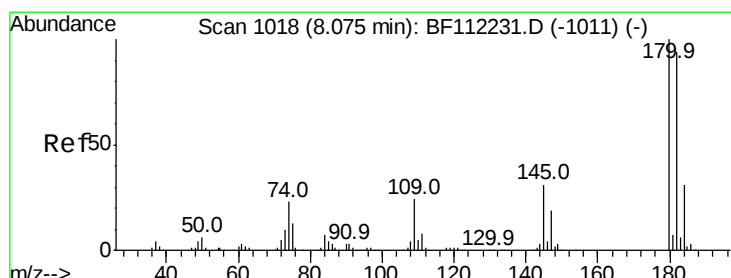
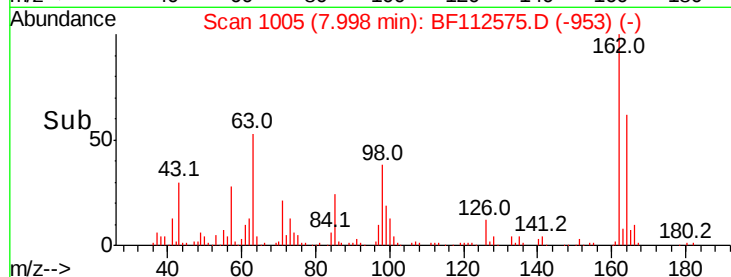
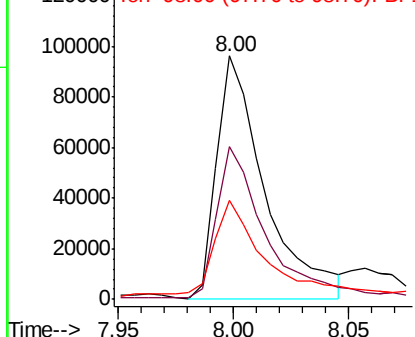
Tot Ion:	162	Resp:	140017
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.6	84.6
98	40.8	14.6	54.6

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 30.266 ng

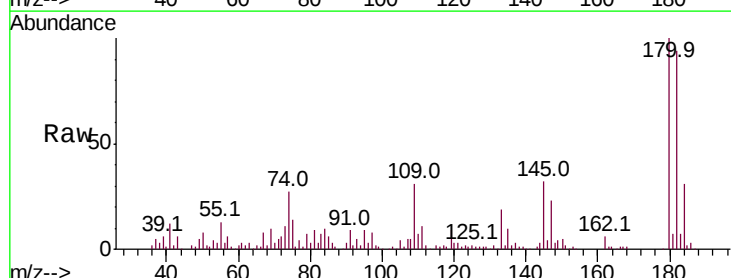
RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

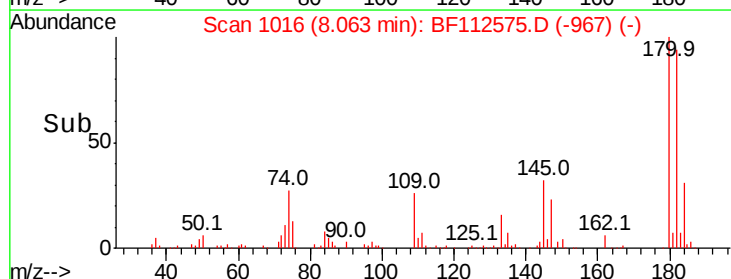
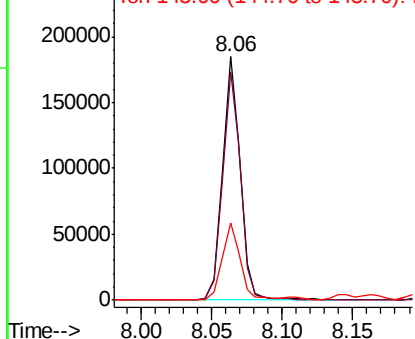
Lab File: BF112575.D

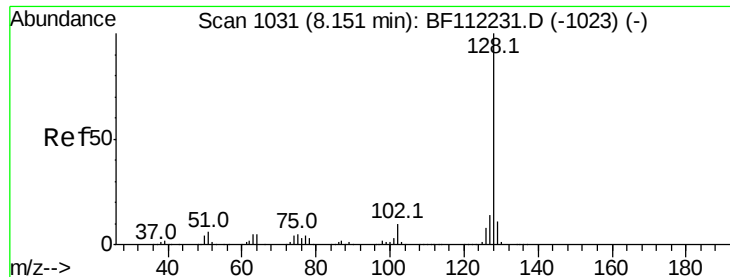
Acq: 14 Feb 2019 18:36

Tgt Ion:	180	Resp:	158616
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.4	114.6
145	31.7	25.0	37.4



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





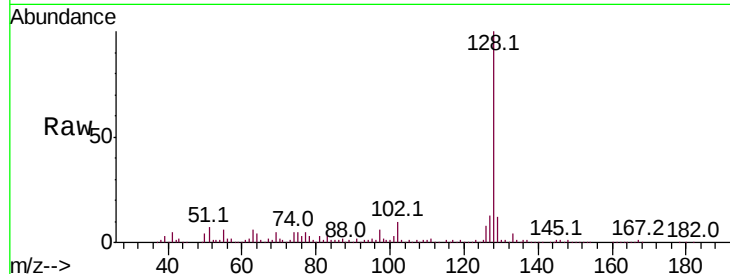
#31
Naphthalene
Concen: 34.393 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.6	14.4	
127	13.0	11.1	16.7	

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM

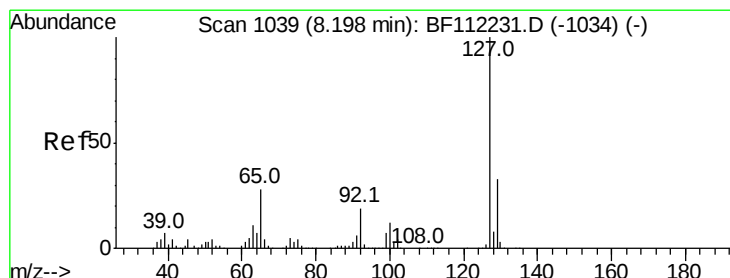
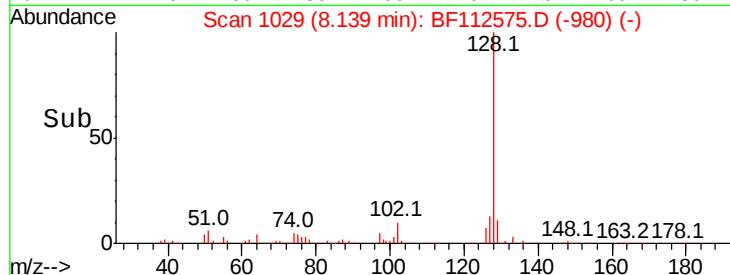
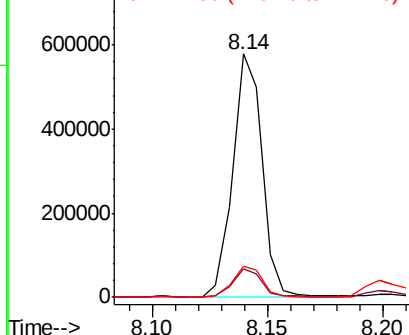


Abundance

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



#33
4-Chloroaniline
Concen: 9.266 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	36.0	26.6	39.8	
65	37.1	21.4	32.2	
92	21.1	14.2	21.2	

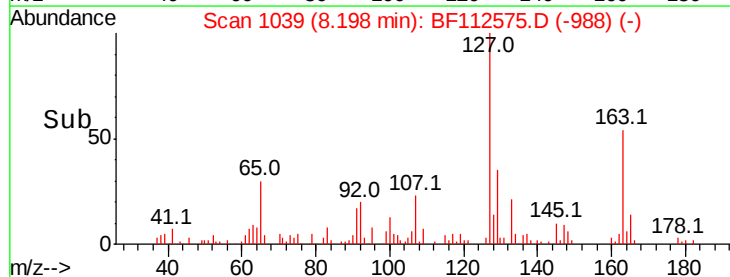
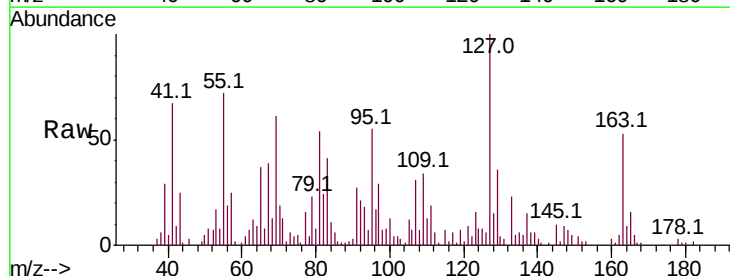
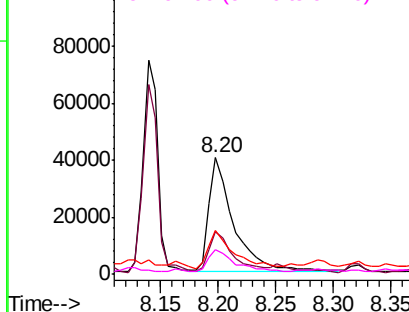
Abundance

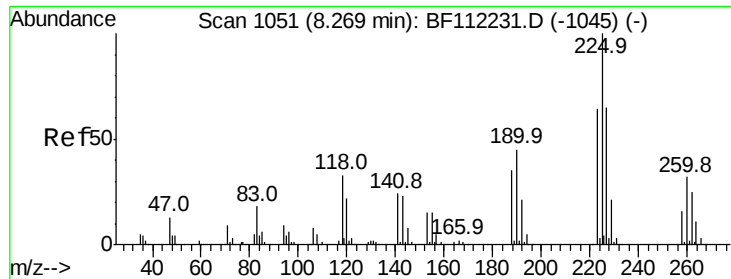
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





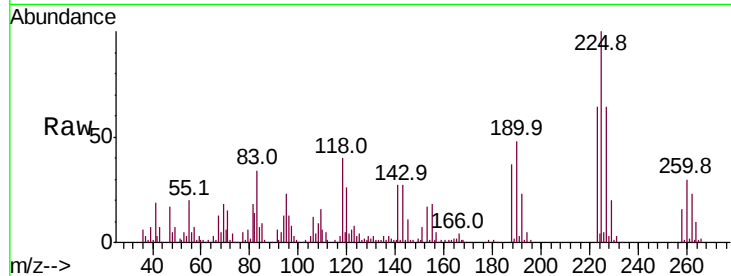
#34
Hexachlorobutadiene
Concen: 29.606 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampled :
SB-10(0-5)MSD

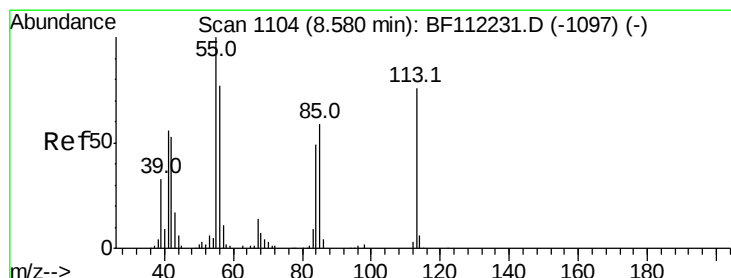
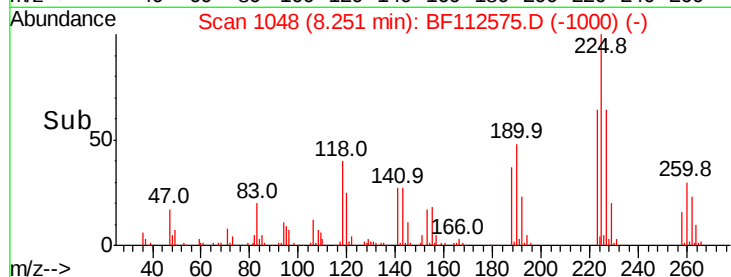
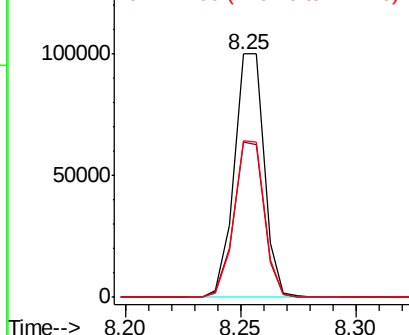
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.3	75.5
227	64.3	51.8	77.8

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



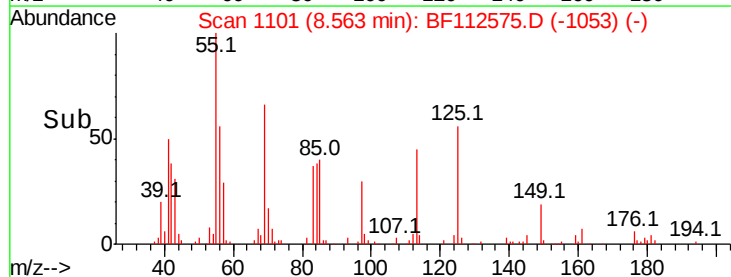
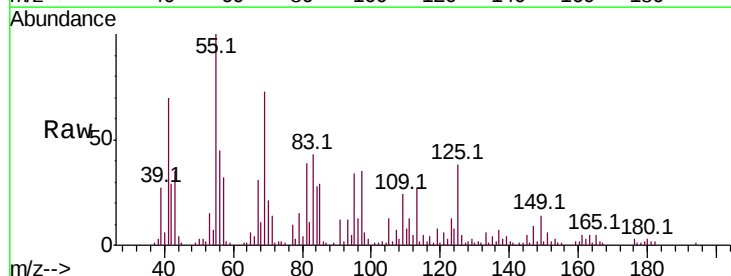
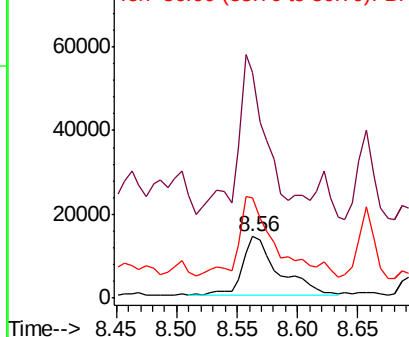
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

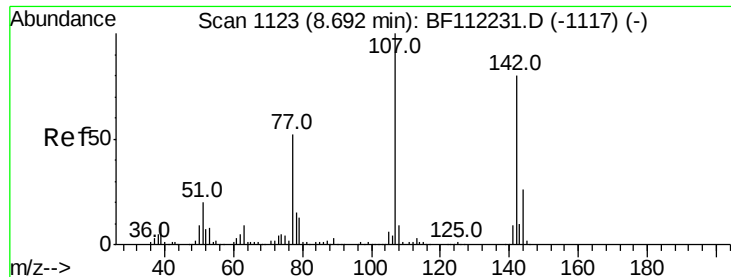


#35
Caprolactam
Concen: 18.289 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
113	100		
55	364.9	121.6	161.6#
56	162.4	86.7	126.7#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





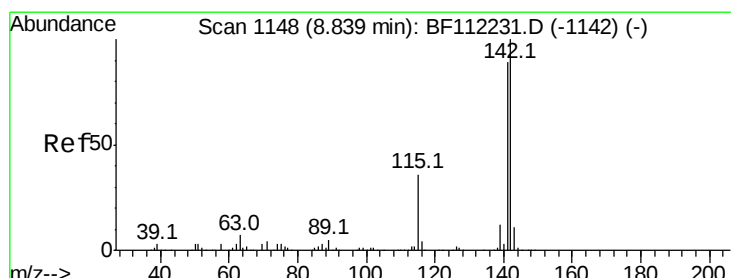
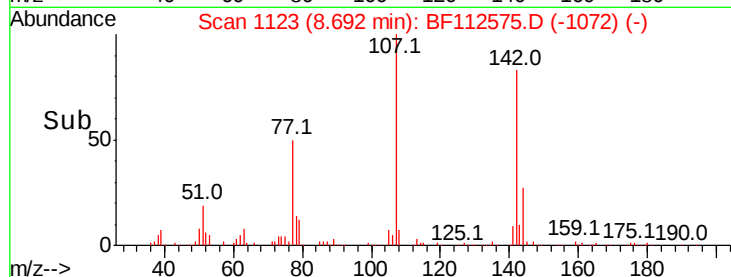
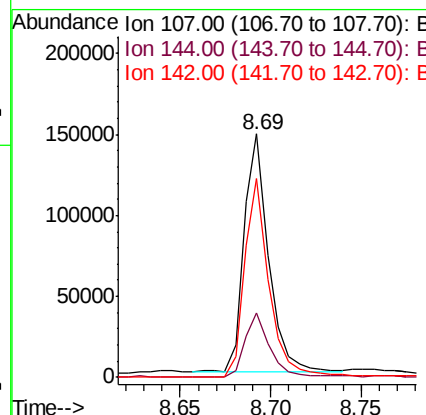
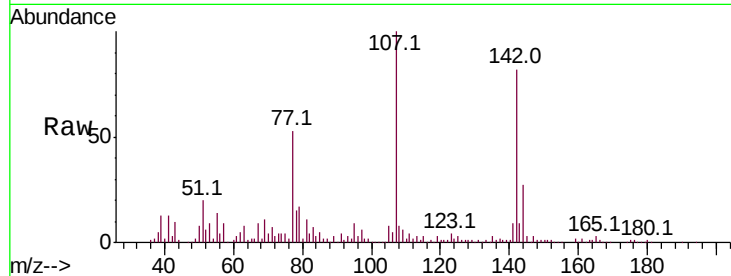
#36
4-Chloro-3-methylphenol
Concen: 28.538 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.5	22.2	33.2	
142	81.5	67.7	101.5	

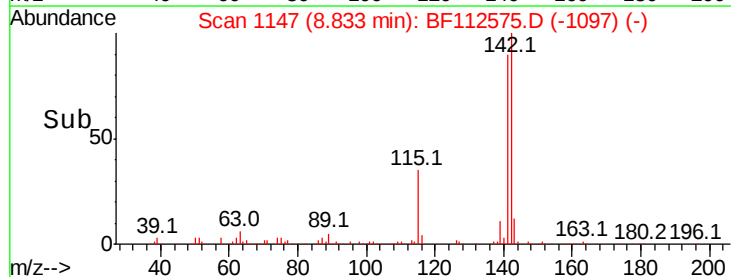
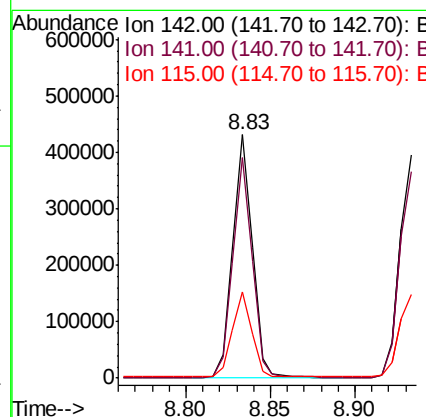
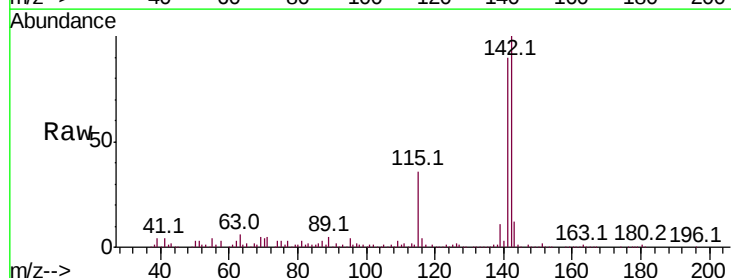
Manual Integrations
APPROVED

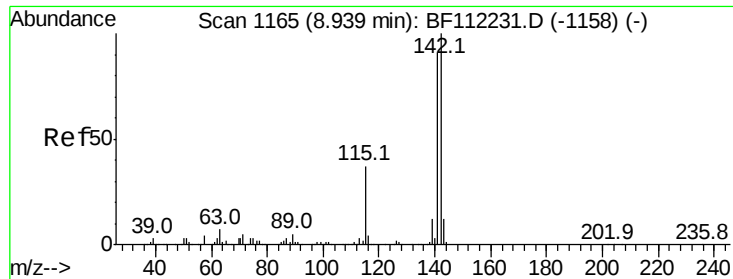
Sohil
2/15/2019 4:53:20 PM



#37
2-Methylnaphthalene
Concen: 33.916 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	90.4	70.9	106.3	
115	35.6	24.9	37.3	





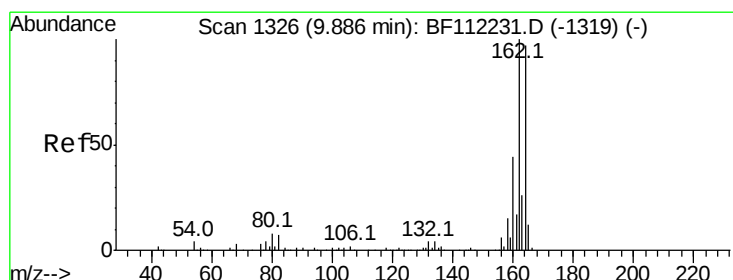
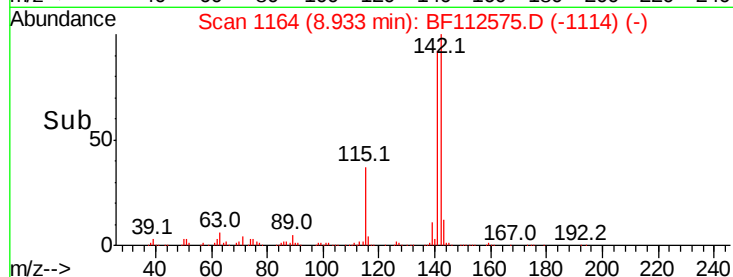
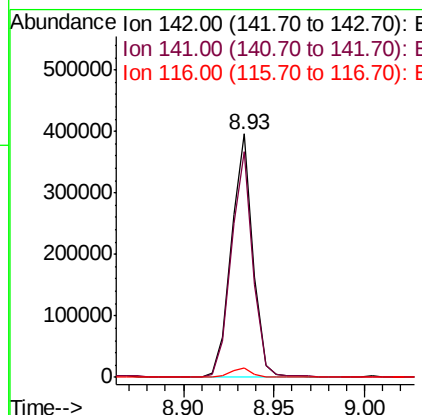
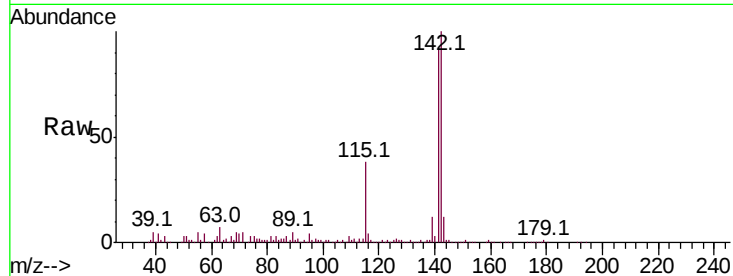
#38
1-Methylnaphthalene
Concen: 33.095 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	92.4	72.6	108.8	
116	3.8	2.8	4.2	

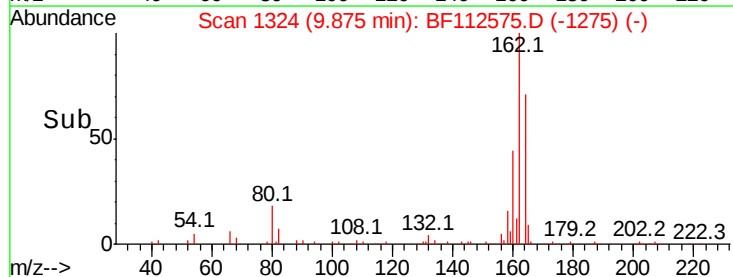
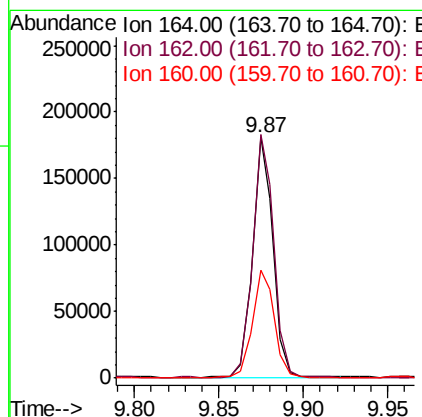
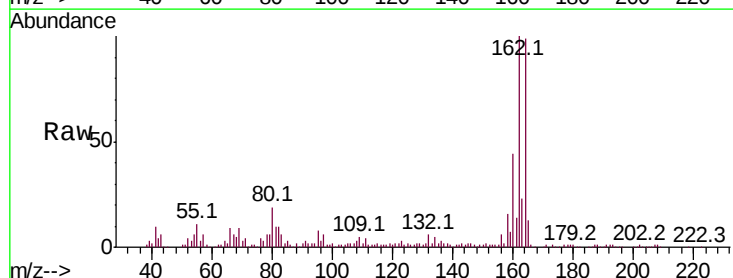
Manual Integrations
APPROVED

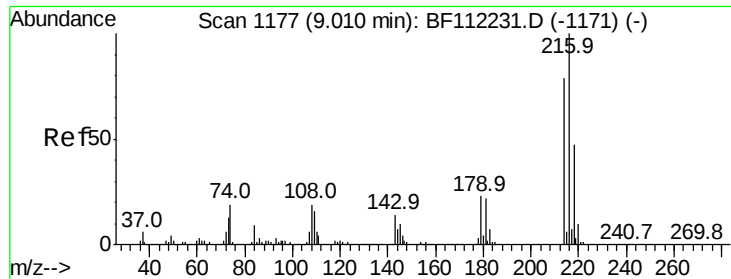
Sohil
2/15/2019 4:53:20 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.1	82.2	123.4	
160	44.6	36.2	54.4	





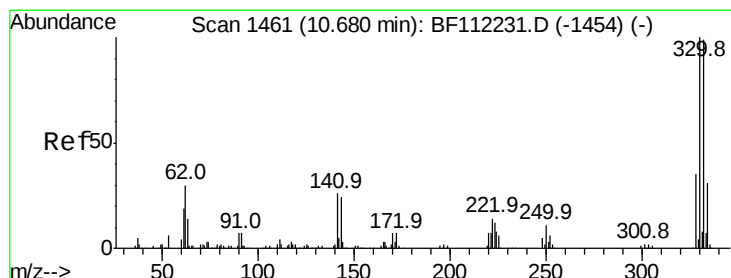
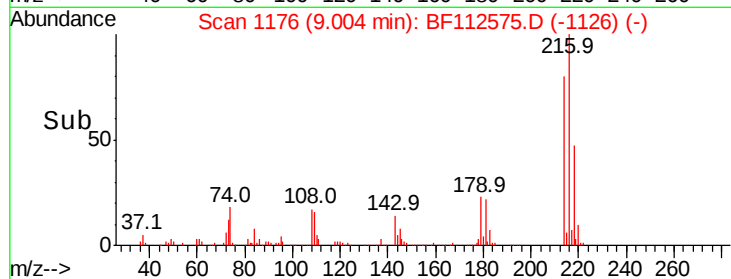
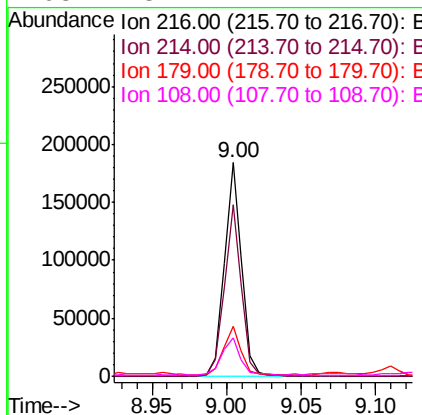
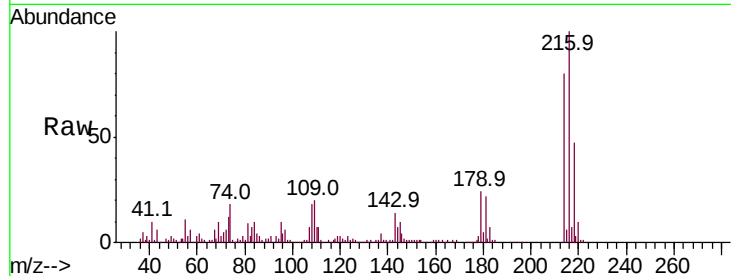
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.070 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	150605		
214	79.4	63.8	95.6	
179	23.3	16.9	25.3	
108	18.2	14.2	21.4	

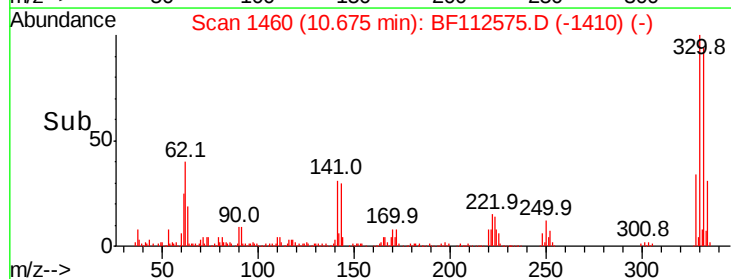
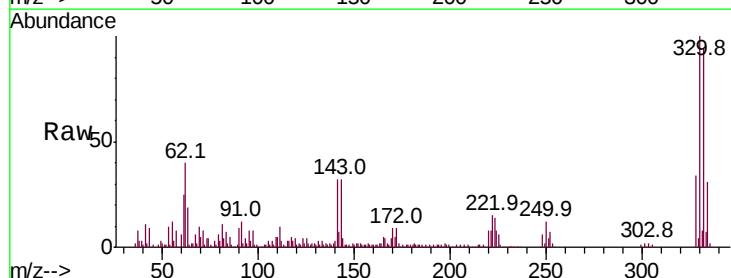
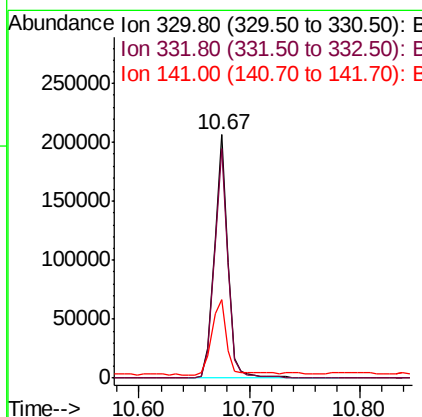
Manual Integrations
 APPROVED

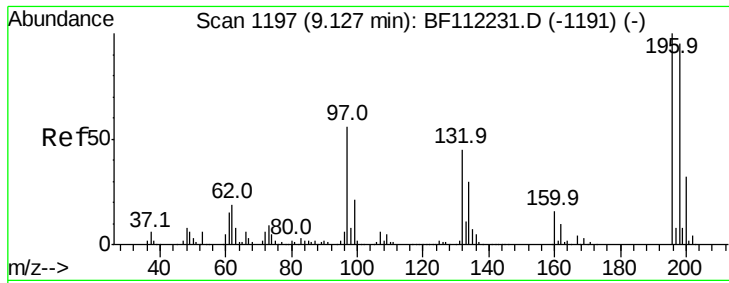
Sohil
 2/15/2019 4:53:20 PM



#42
 2,4,6-Tribromophenol
 Concen: 97.007 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172242		
332	95.2	76.6	114.8	
141	35.6	24.3	36.5	





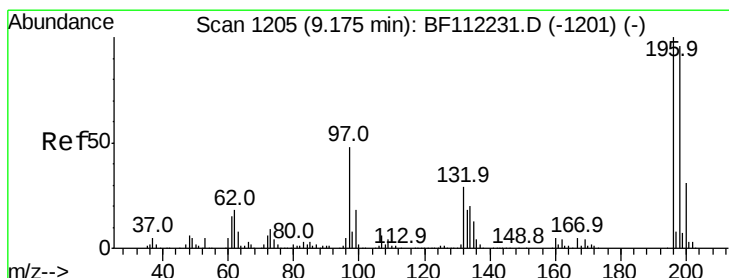
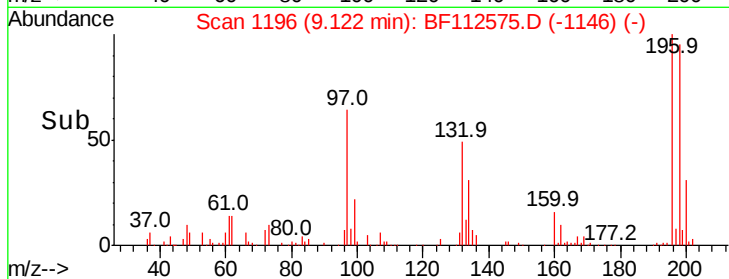
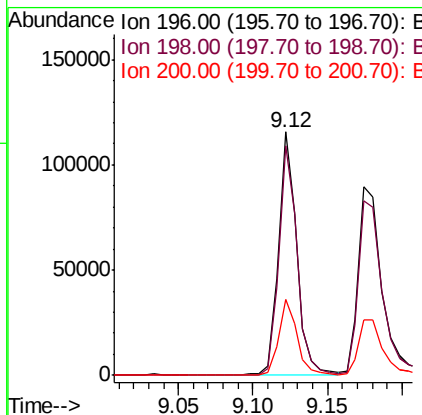
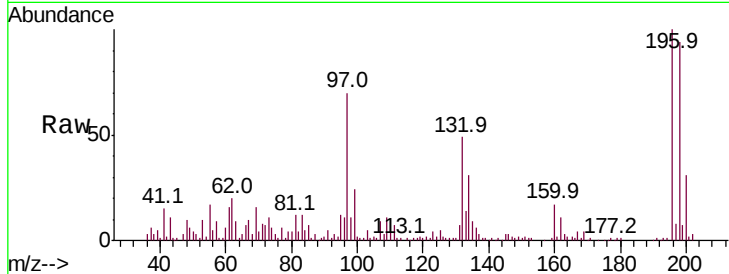
#43
 2,4,6-Trichlorophenol
 Concen: 32.190 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99381		
198	94.4	76.2	114.4	
200	31.4	24.3	36.5	

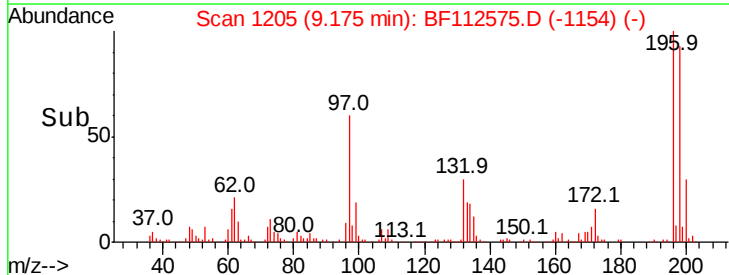
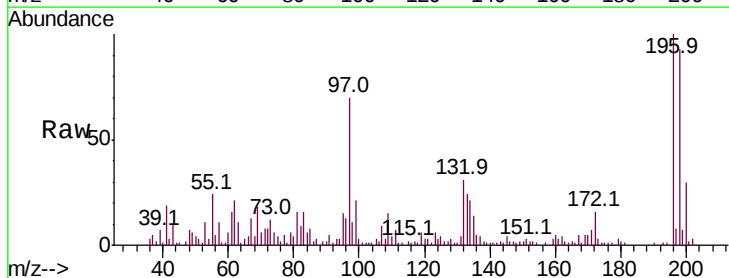
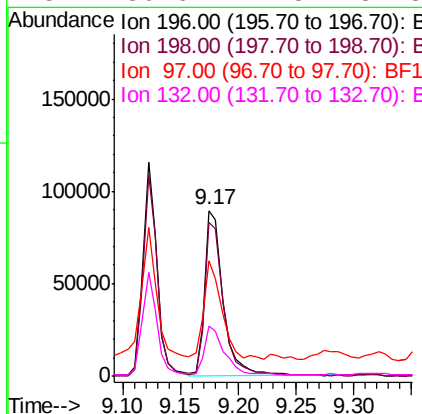
Manual Integrations
 APPROVED

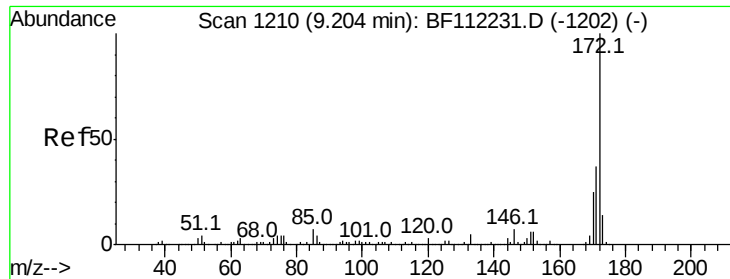
Sohil
 2/15/2019 4:53:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.040 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100155		
198	93.0	76.0	114.0	
97	69.5	36.4	54.6	
132	30.6	21.5	32.3	





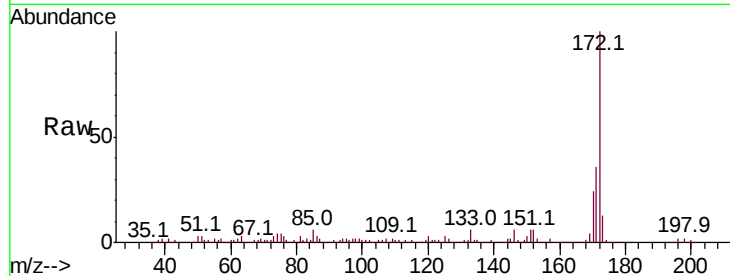
#45
2-Fluorobiphenyl
Concen: 62.687 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	676116		
171	36.3		30.5	45.7
170	23.8		20.2	30.4

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM

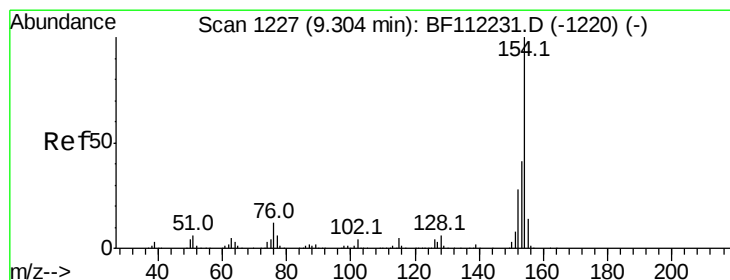
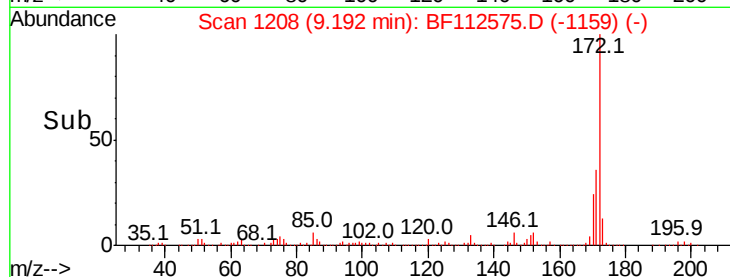
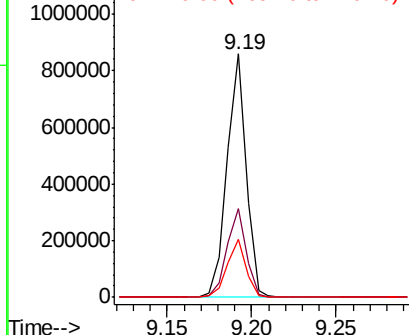


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 31.061 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

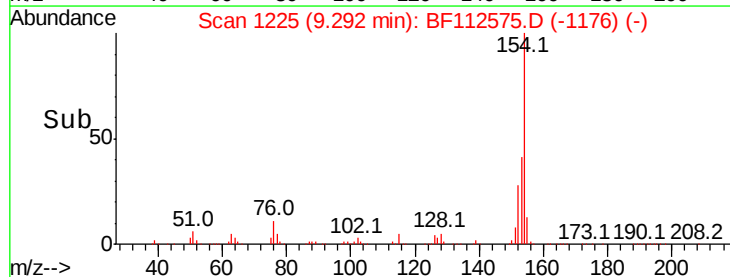
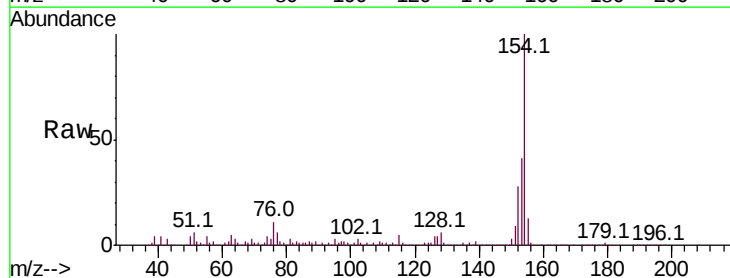
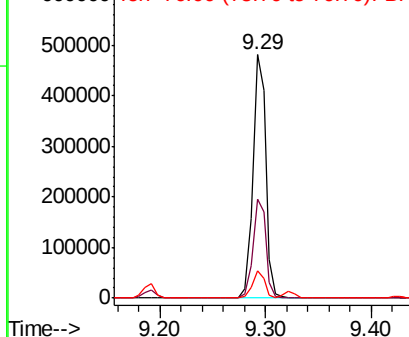
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	414232		
153	40.7		21.5	61.5
76	11.4		0.0	33.1

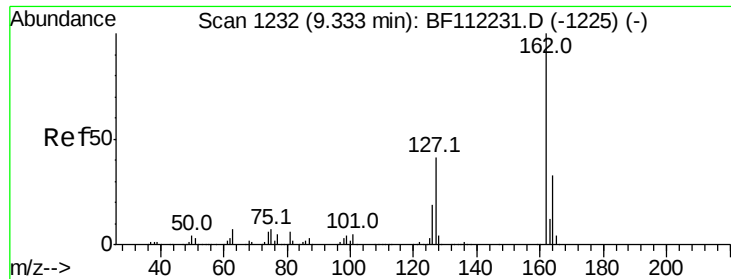
Abundance

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





#47

2-Chloronaphthalene

Concen: 30.400 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112575.D

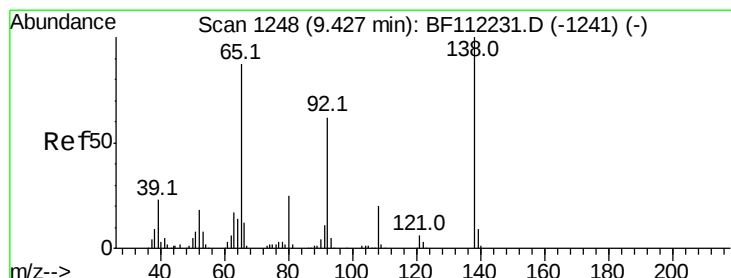
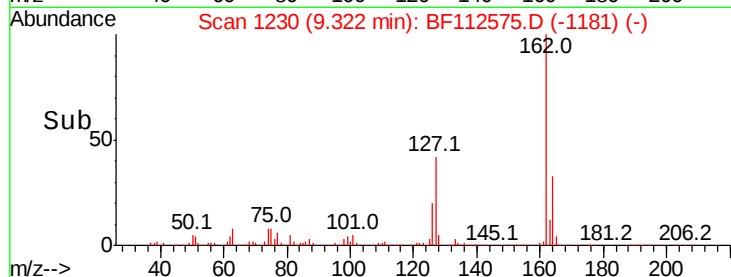
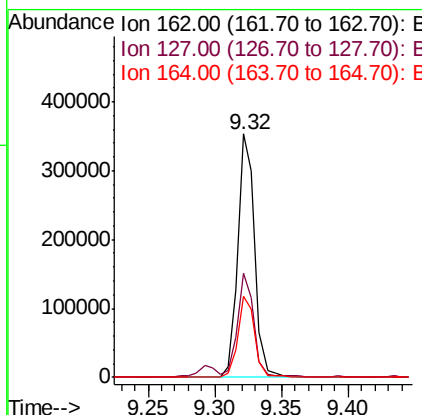
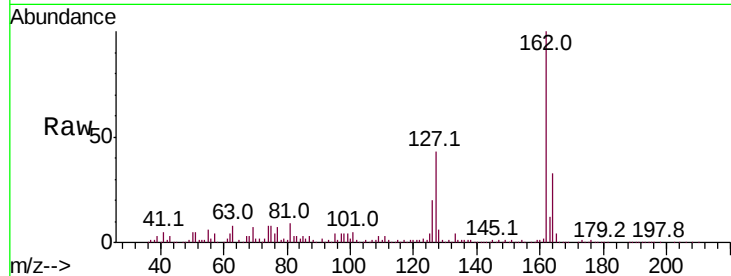
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314389		
127	42.7	30.4	45.6	
164	33.2	27.4	41.2	

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#48

2-Nitroaniline

Concen: 33.802 ng

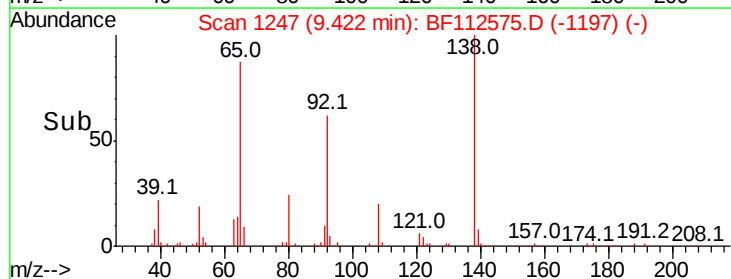
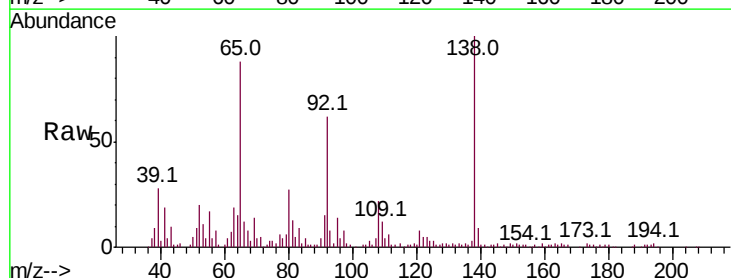
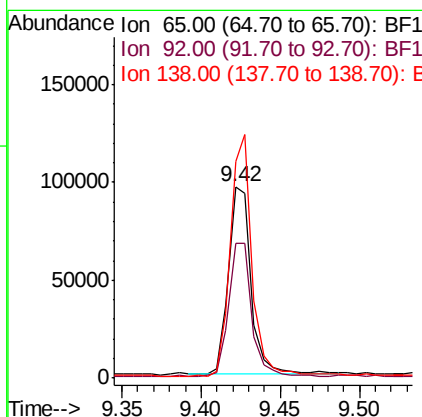
RT: 9.42 min Scan# 1247

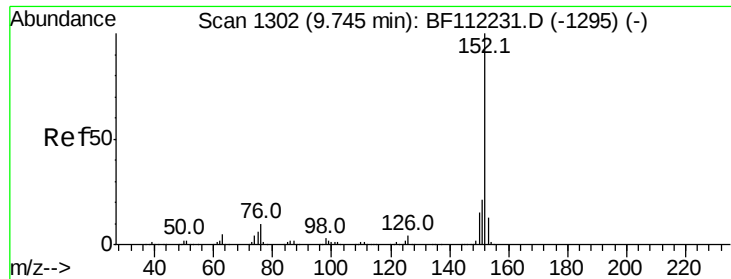
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	95277		
92	70.5	60.4	90.6	
138	113.1	104.4	156.6	





#49

Acenaphthylene

Concen: 34.063 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

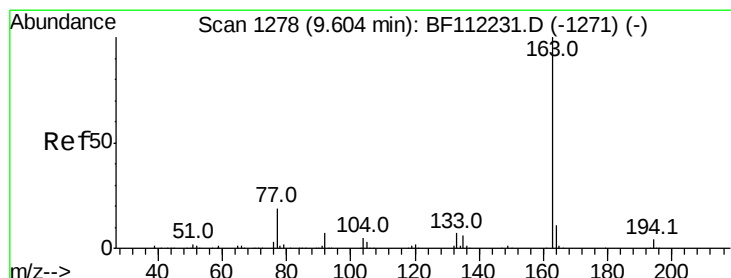
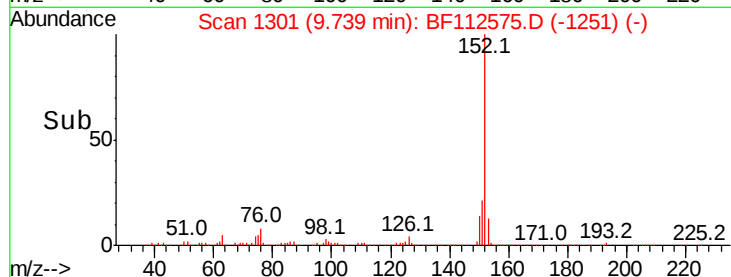
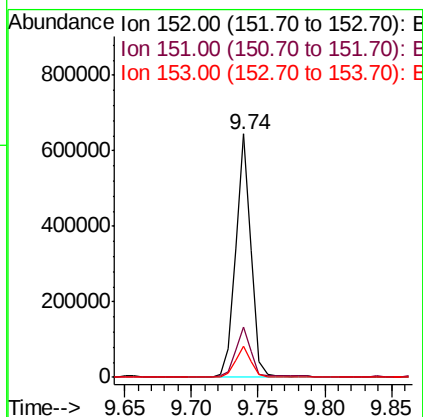
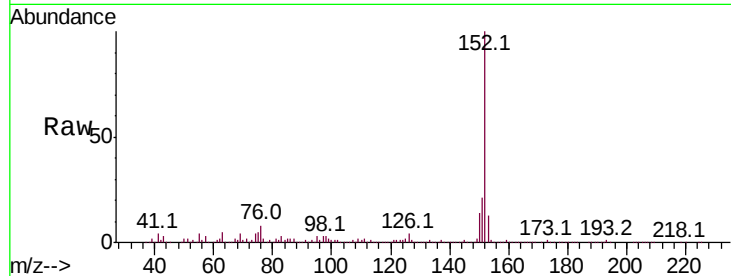
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	152	Resp:	516321
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.0	25.6
153	13.0	11.2	16.8

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#50

Dimethylphthalate

Concen: 37.152 ng

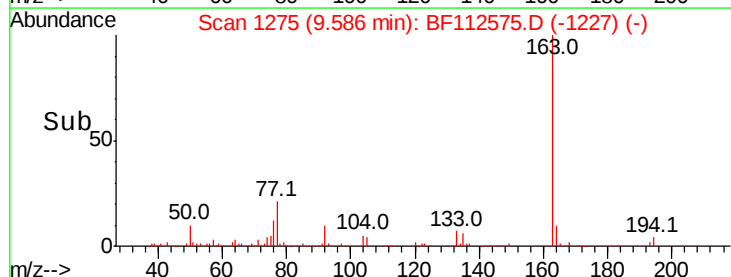
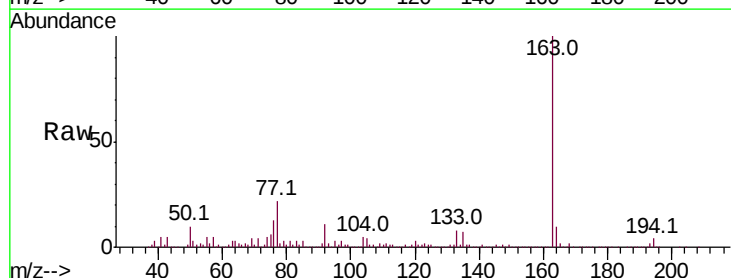
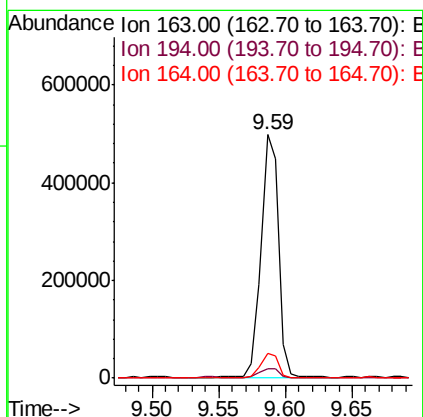
RT: 9.59 min Scan# 1275

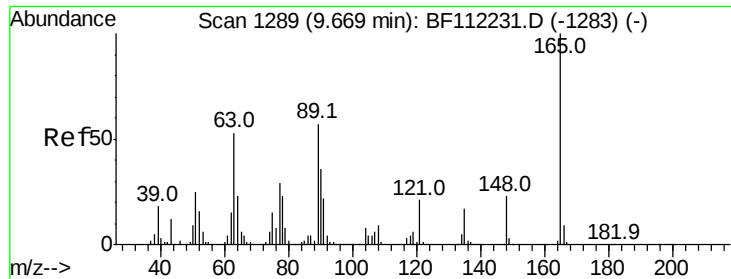
Delta R.T. -0.02 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	163	Resp:	440328
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.3	8.5	12.7





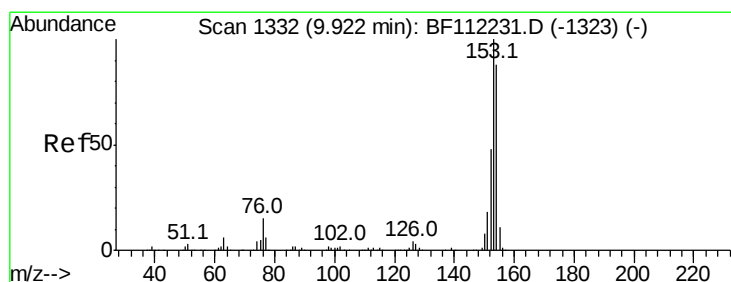
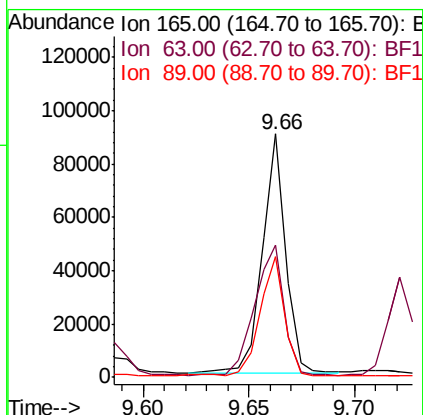
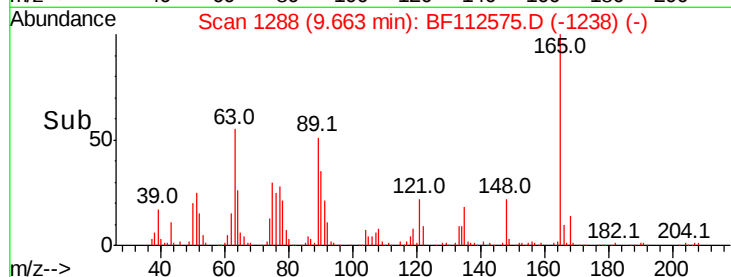
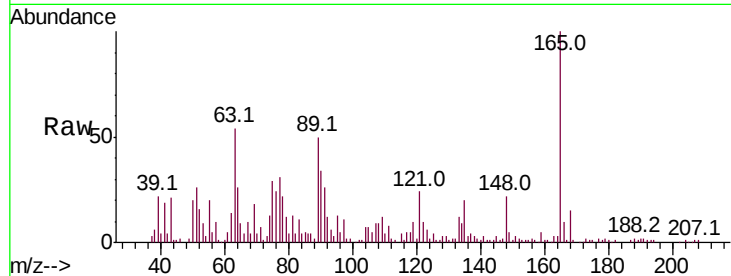
#51
2,6-Dinitrotoluene
Concen: 25.756 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.2	33.8	50.8#	
89	49.6	36.9	55.3	

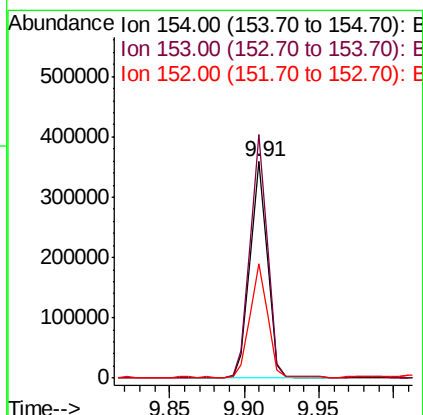
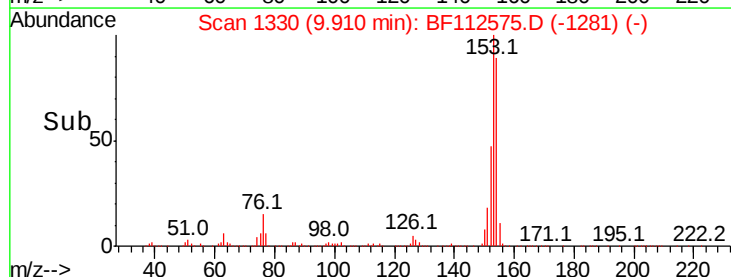
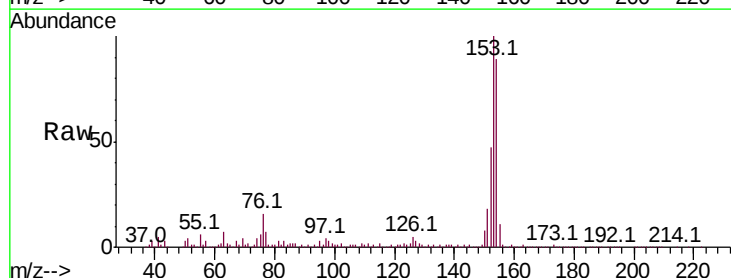
Manual Integrations
APPROVED

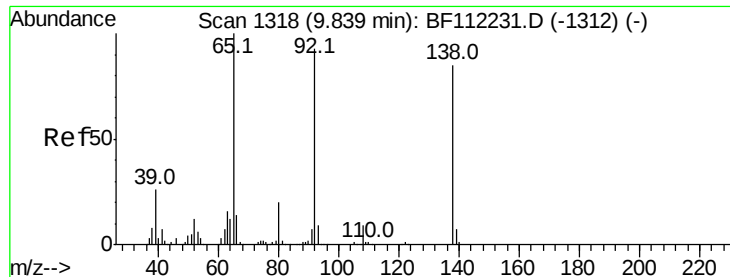
Sohil
2/15/2019 4:53:20 PM



#52
Acenaphthene
Concen: 31.660 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.7	89.8	134.6	
152	52.8	43.5	65.3	





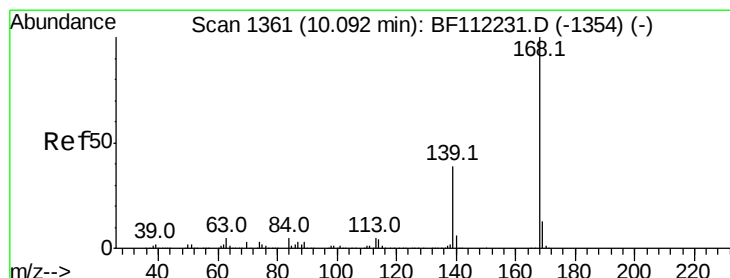
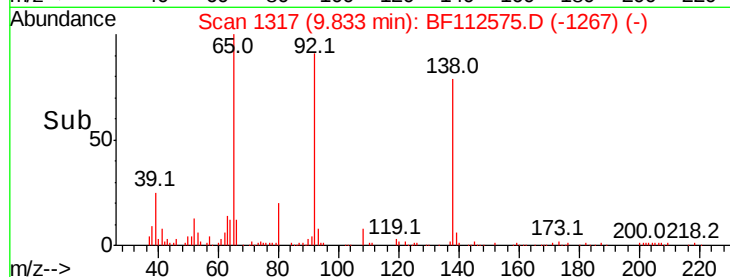
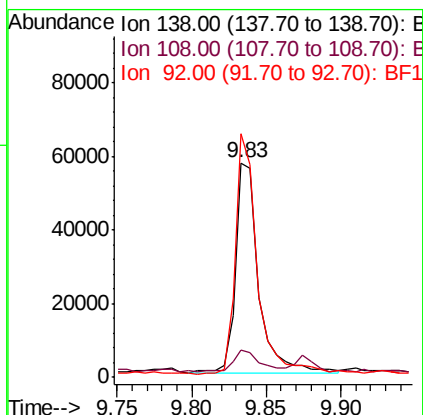
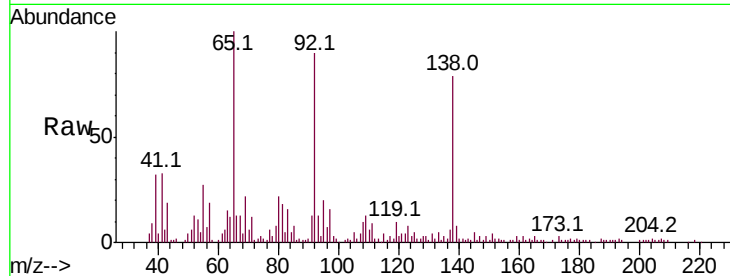
#53
3-Nitroaniline
Concen: 21.476 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.8	14.6
92	113.5	79.4	119.2

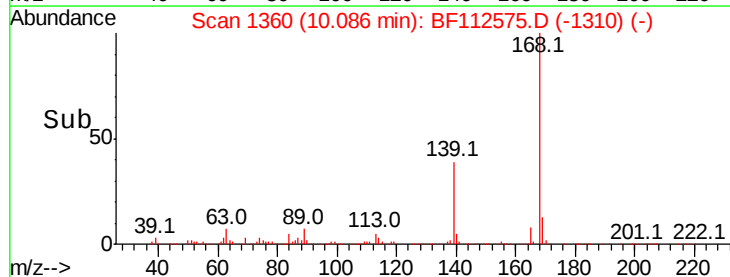
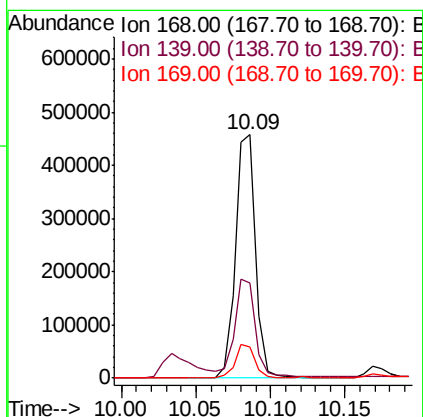
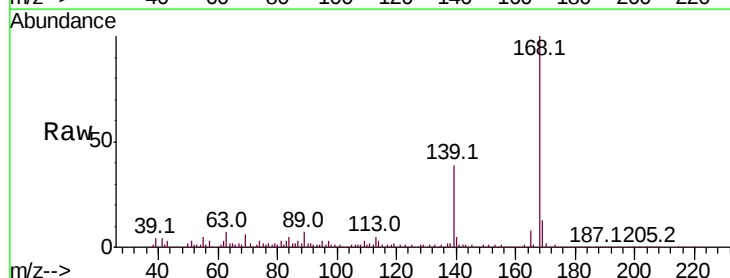
Manual Integrations
APPROVED

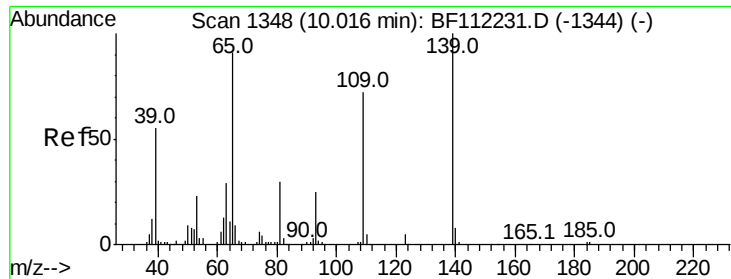
Sohil
2/15/2019 4:53:20 PM



#55
Dibenzofuran
Concen: 30.963 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.2	43.8
169	12.8	11.4	17.0





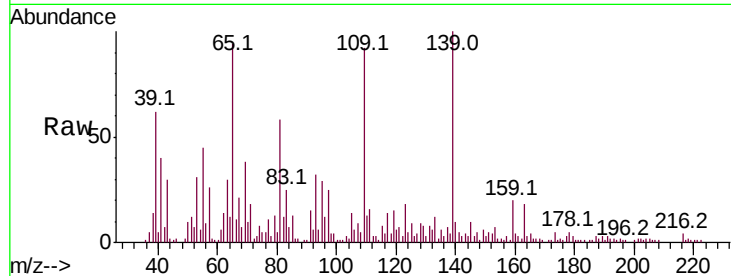
#56
4-Nitrophenol
Concen: 42.133 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.02 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	91.9	42.8	82.8#
65	93.9	66.1	106.1

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM

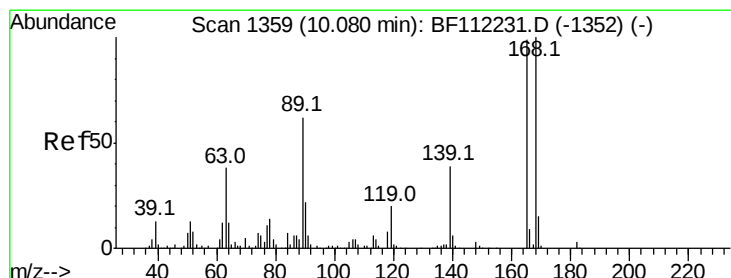
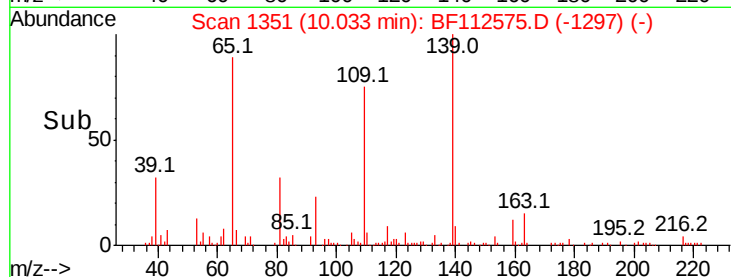
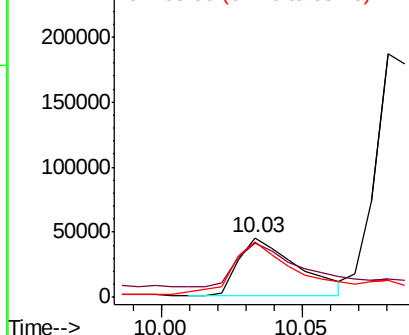


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 24.199 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.0	27.9	41.9#
89	77.8	47.9	71.9#
182	3.3	2.2	3.4

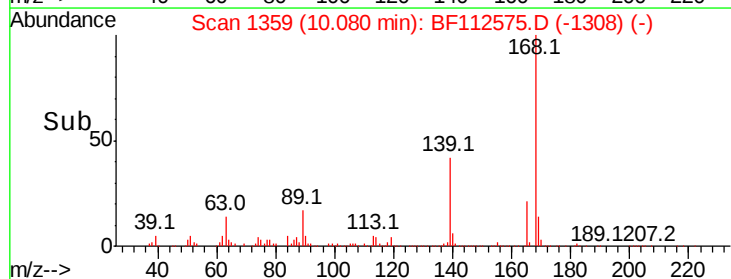
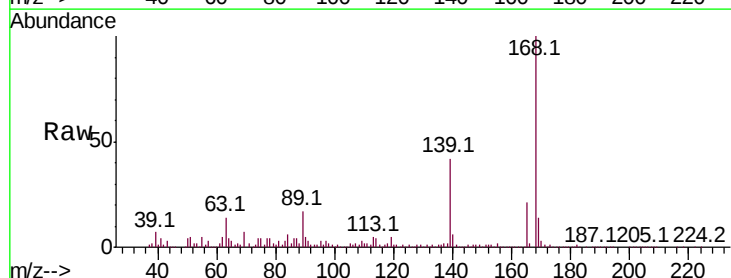
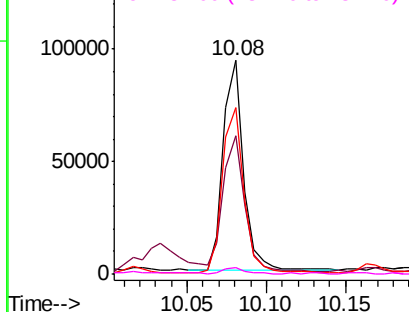
Abundance

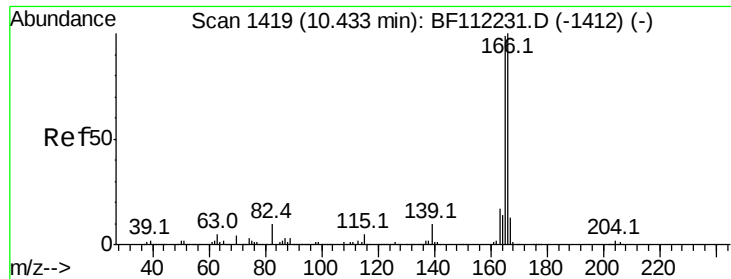
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 34.314 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

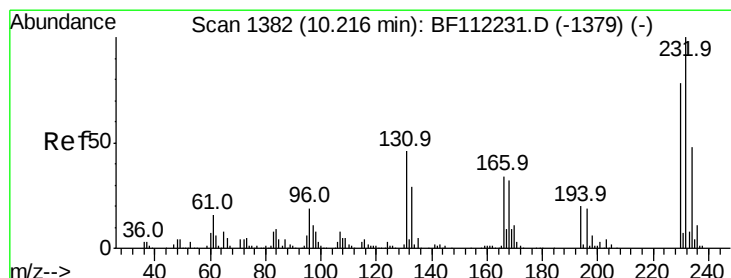
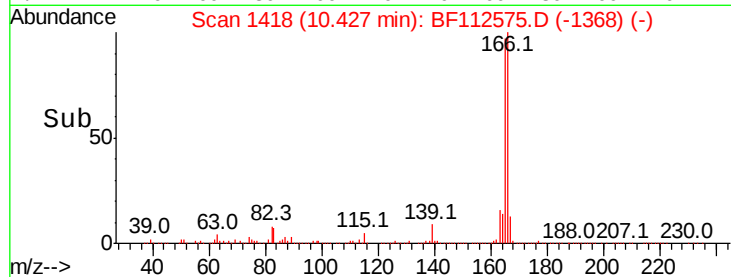
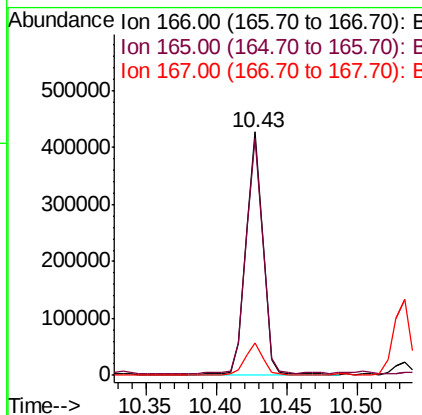
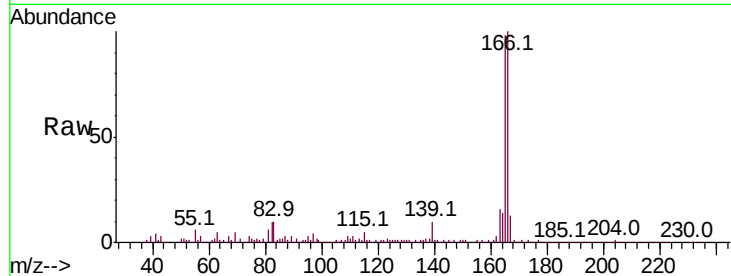
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	166	Resp:	355310
Ion Ratio	Lower	Upper	
166	100		
165	97.6	77.1	115.7
167	13.2	11.3	16.9

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#59

2,3,4,6-Tetrachlorophenol

Concen: 33.065 ng

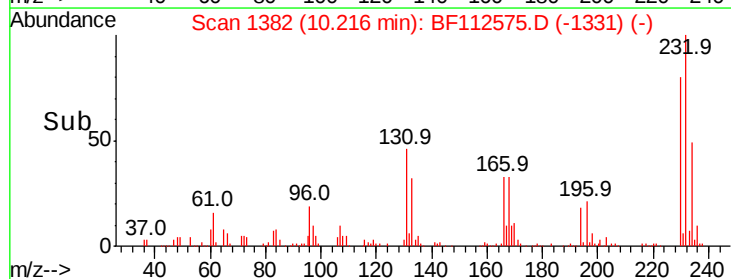
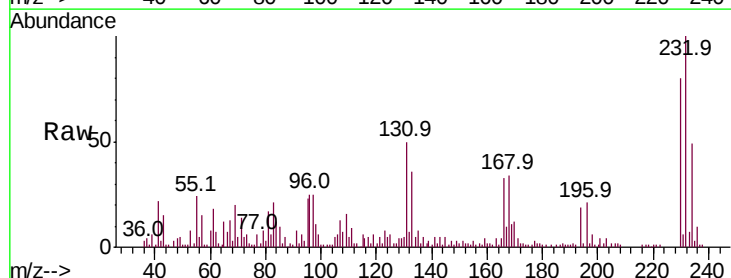
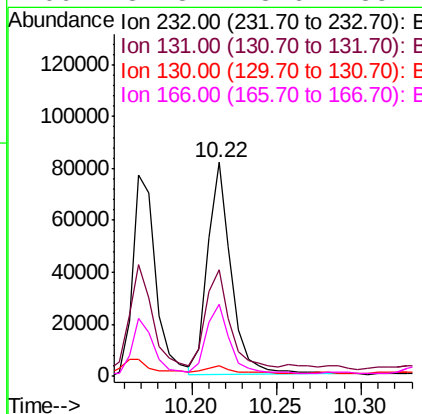
RT: 10.22 min Scan# 1382

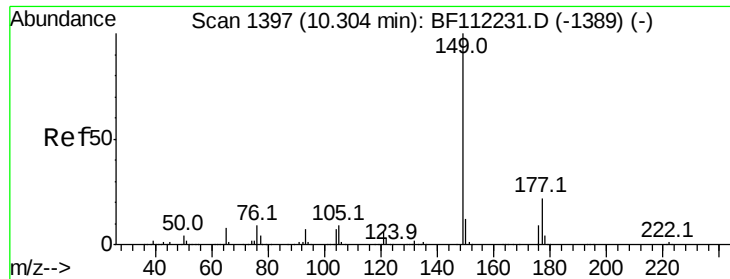
Delta R.T. 0.00 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	232	Resp:	80625
Ion Ratio	Lower	Upper	
232	100		
131	45.9	33.9	50.9
130	4.7	1.8	2.6#
166	32.8	23.6	35.4





#60

Diethylphthalate

Concen: 32.966 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

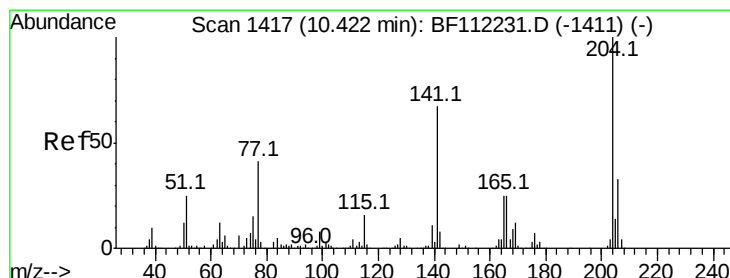
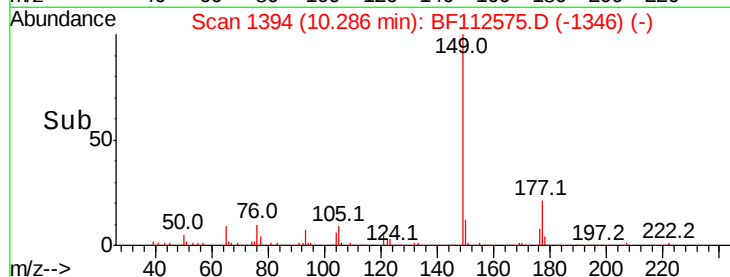
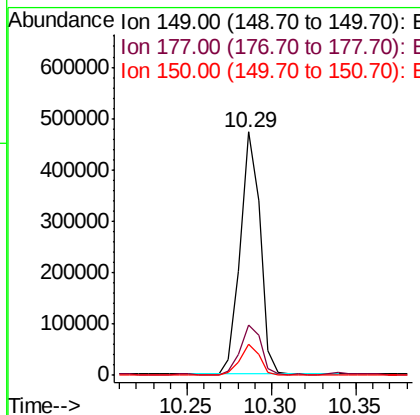
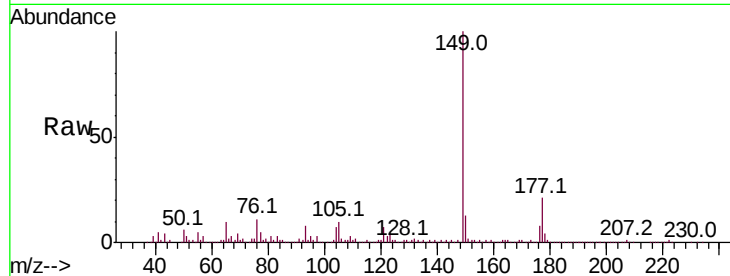
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	149	Resp:	387733
Ion Ratio	Lower	Upper	
149	100		
177	20.8	18.2	27.2
150	12.5	10.4	15.6

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#61

4-Chlorophenyl-phenylether

Concen: 29.458 ng

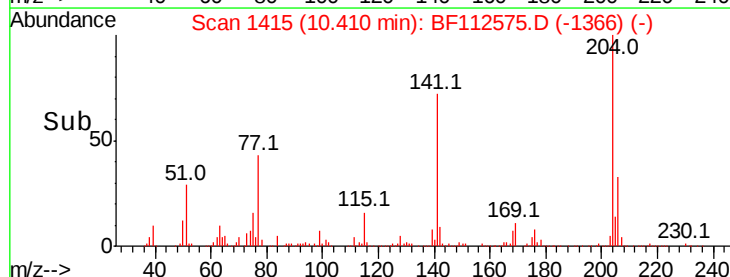
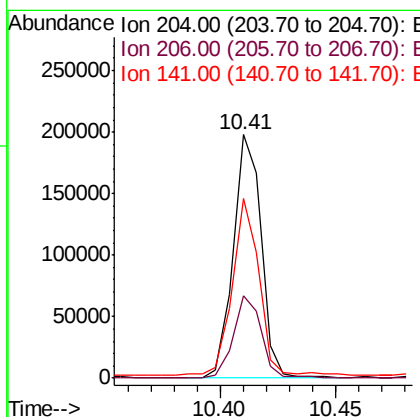
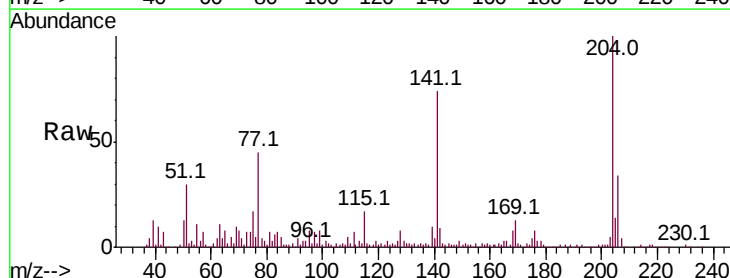
RT: 10.41 min Scan# 1415

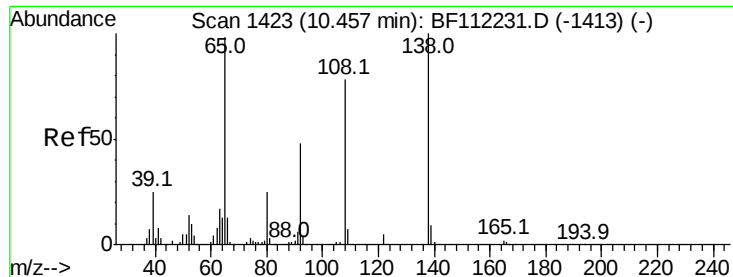
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	204	Resp:	165929
Ion Ratio	Lower	Upper	
204	100		
206	33.7	26.5	39.7
141	73.7	45.9	68.9#





#62

4-Nitroaniline

Concen: 27.120 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

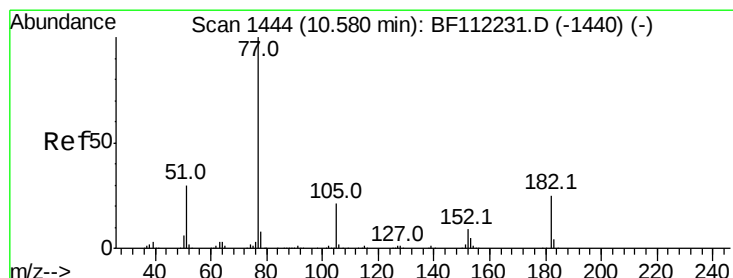
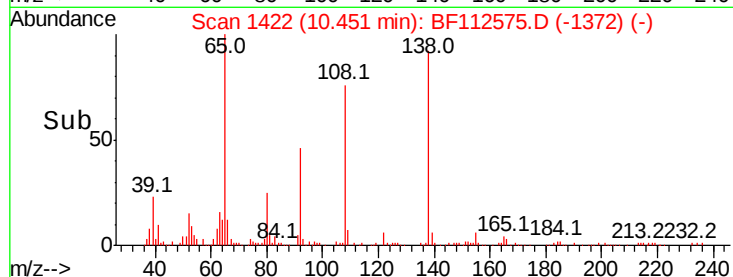
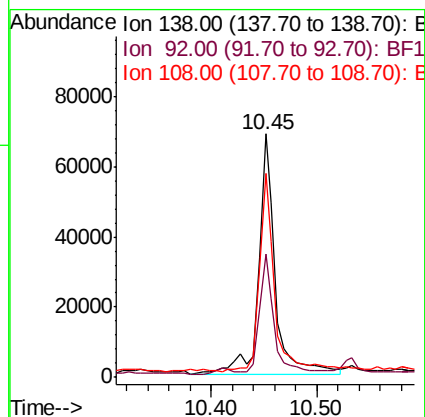
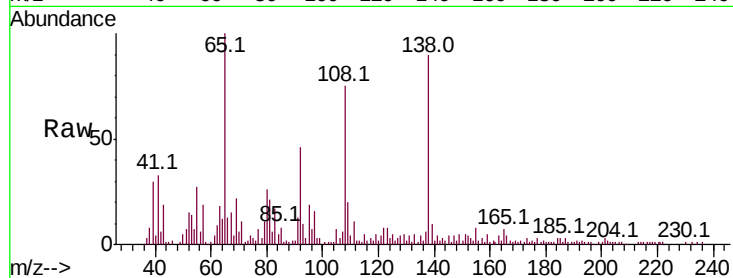
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:138	Resp:	76496
Ion Ratio	Lower	Upper
138 100		
92 50.5	30.6	70.6
108 83.7	50.0	90.0

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#63

Azobenzene

Concen: 29.541 ng

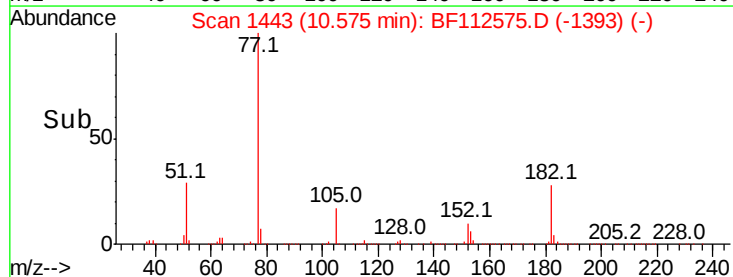
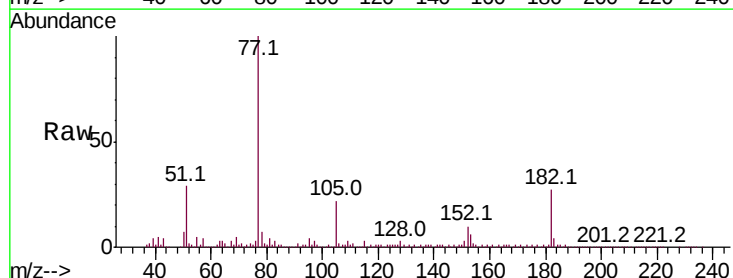
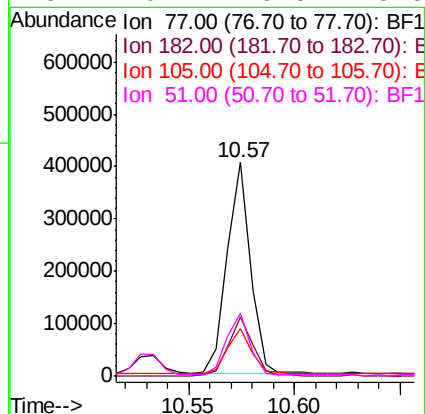
RT: 10.57 min Scan# 1443

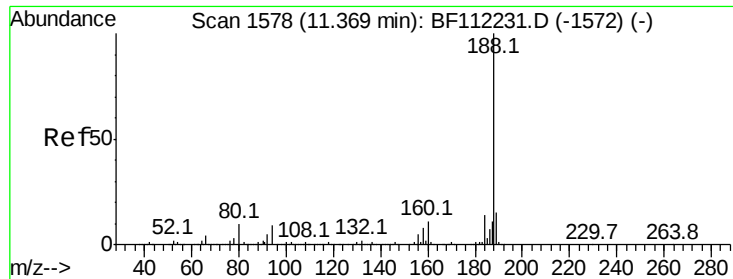
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion: 77	Resp:	305579
Ion Ratio	Lower	Upper
77 100		
182 27.5	5.7	45.7
105 22.1	1.4	41.4
51 29.4	9.5	49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

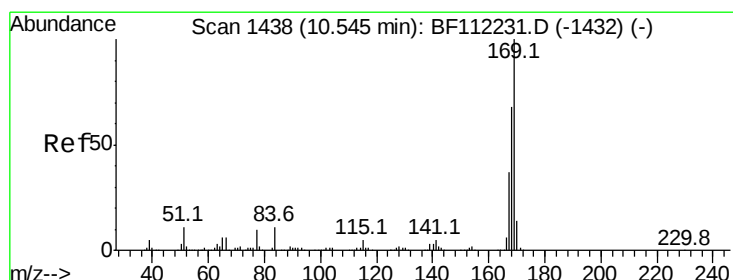
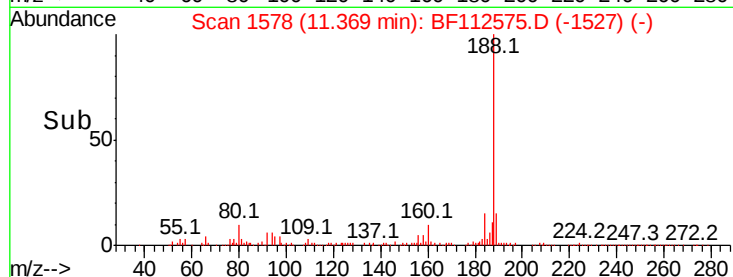
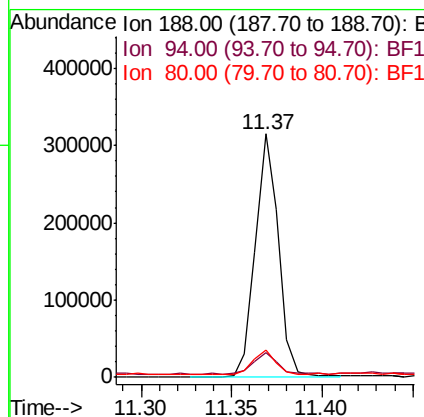
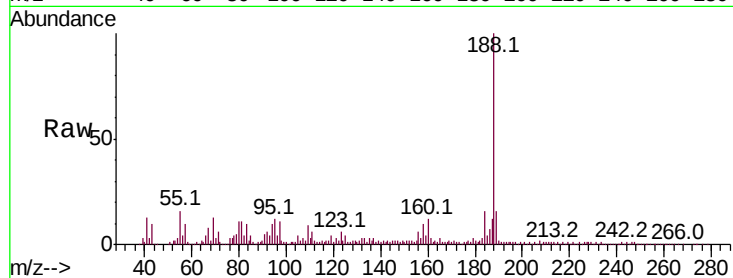
ClientSampleId :

SB-10(0-5)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
188	100		276856		
94	10.4	8.2	12.2		
80	11.2	8.9	13.3		

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#66

n-Nitrosodiphenylamine

Concen: 33.008 ng

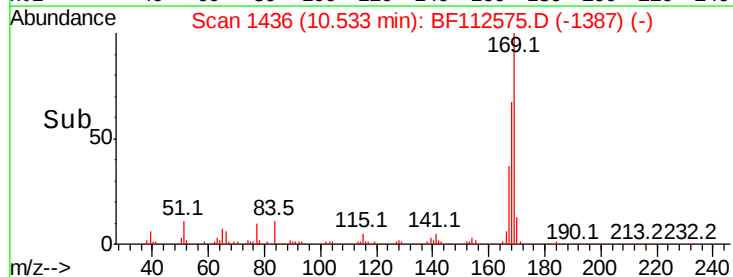
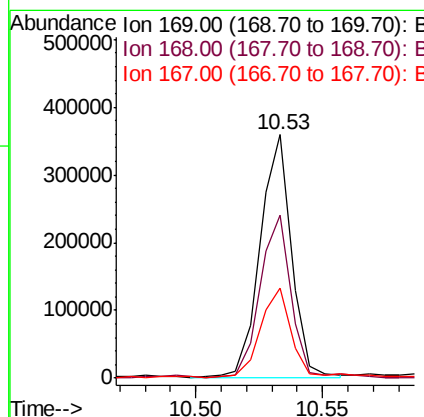
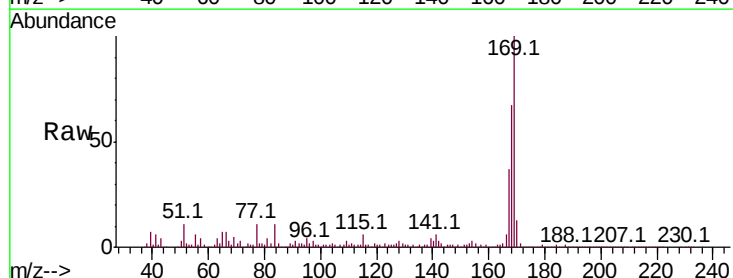
RT: 10.53 min Scan# 1436

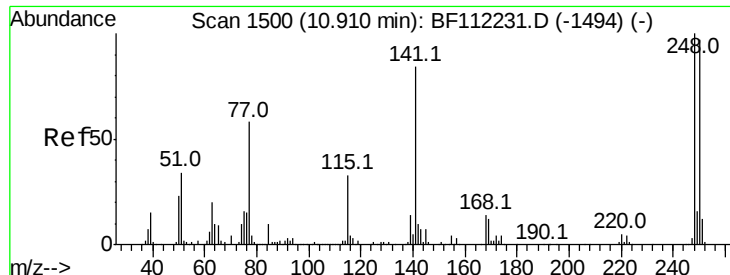
Delta R.T. -0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
169	100		307992		
168	66.9	53.9	80.9		
167	37.0	28.9	43.3		





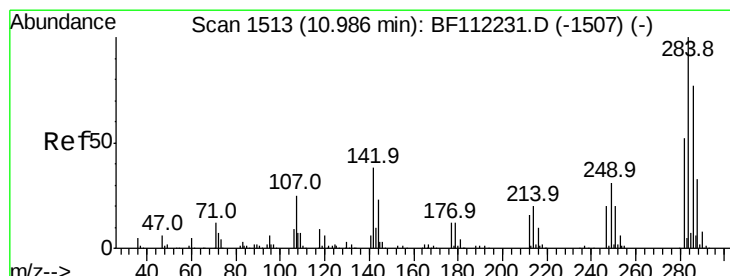
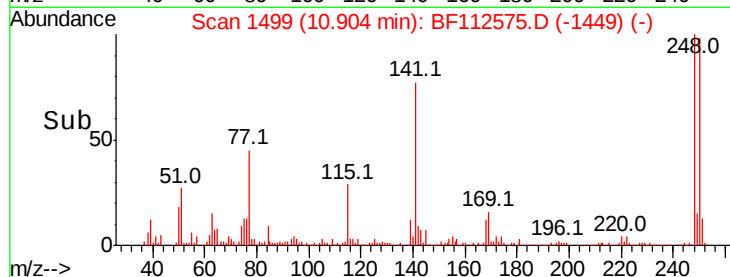
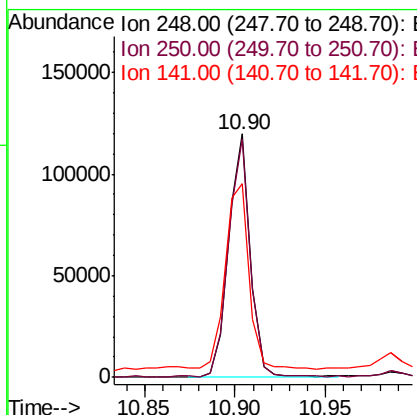
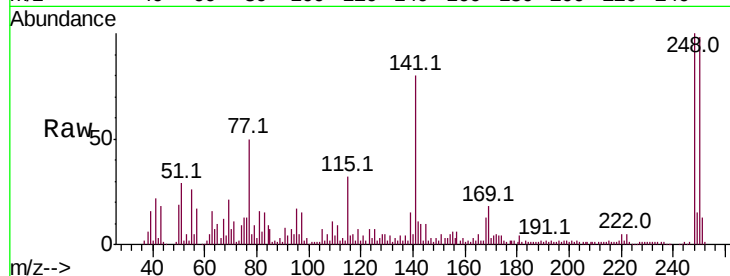
#67
 4-Bromophenyl-phenylether
 Concen: 30.293 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion:	248	Resp:	98641
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.7	119.5
141	79.6	60.3	90.5

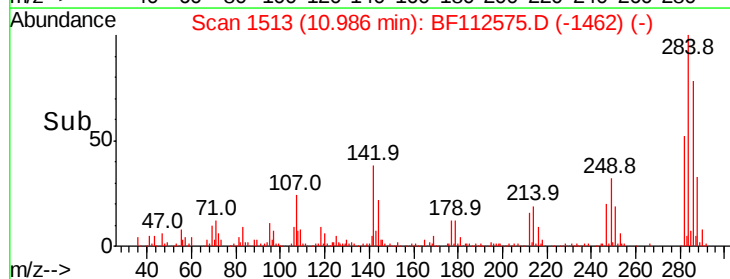
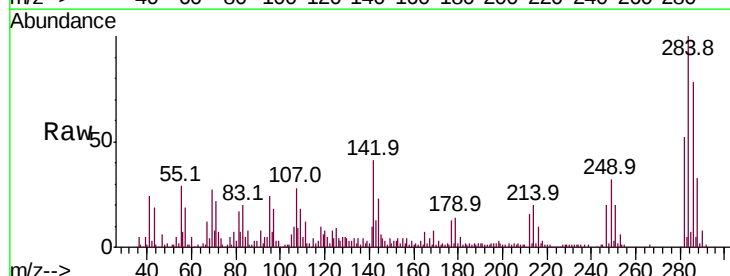
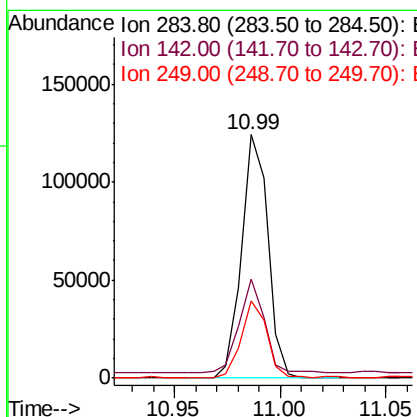
Manual Integrations
 APPROVED

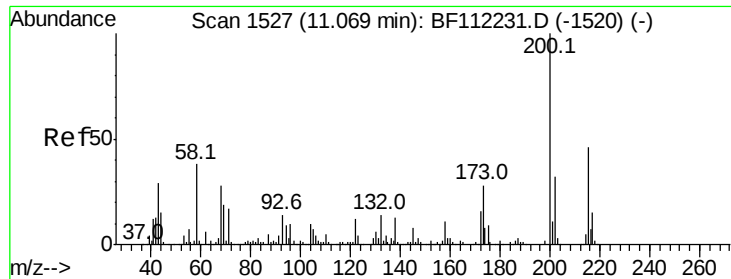
Sohil
 2/15/2019 4:53:20 PM



#68
 Hexachlorobenzene
 Concen: 30.721 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion:	284	Resp:	107325
Ion Ratio	Lower	Upper	
284	100		
142	40.5	27.6	41.4
249	31.9	24.1	36.1





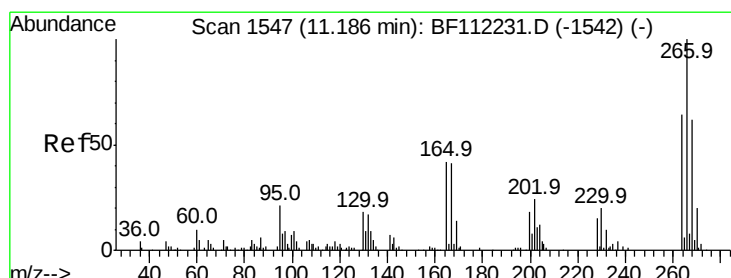
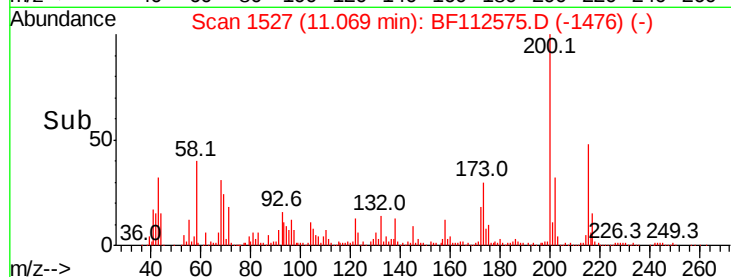
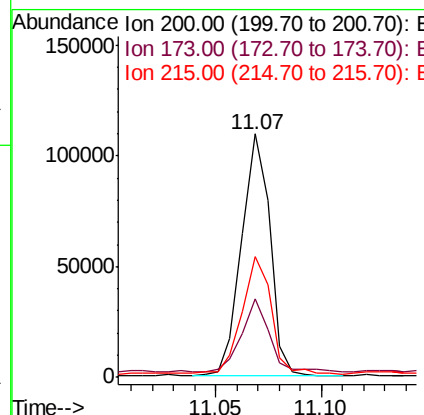
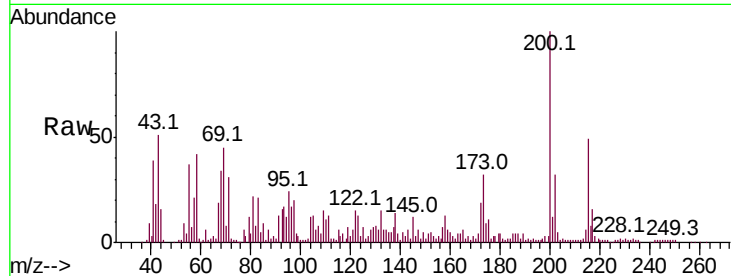
#69
 Atrazine
 Concen: 33.838 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampled :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	32.2	7.1	47.1
215	49.4	30.4	70.4

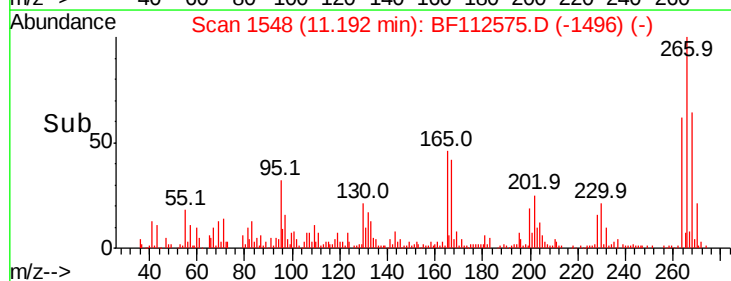
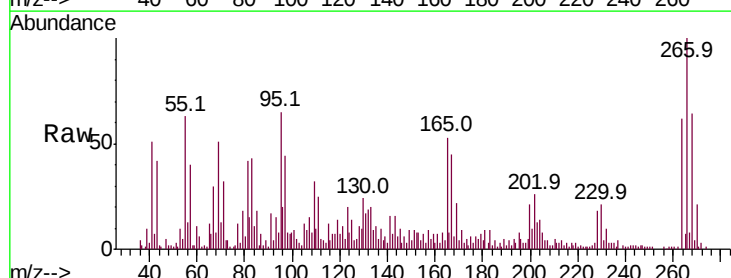
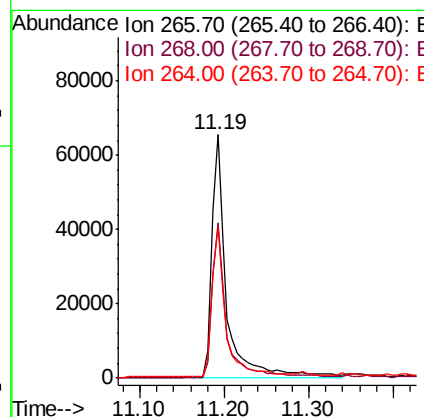
Manual Integrations
 APPROVED

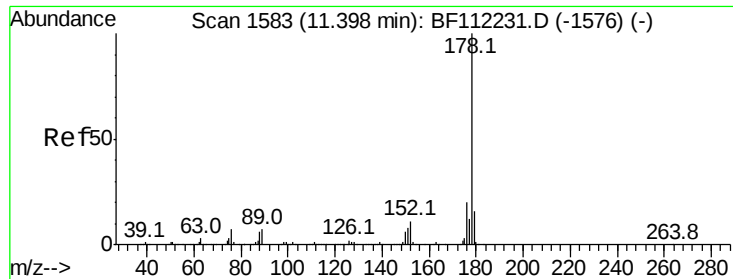
Sohil
 2/15/2019 4:53:20 PM



#70
 Pentachlorophenol
 Concen: 59.249 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.2	76.8
264	62.1	50.9	76.3





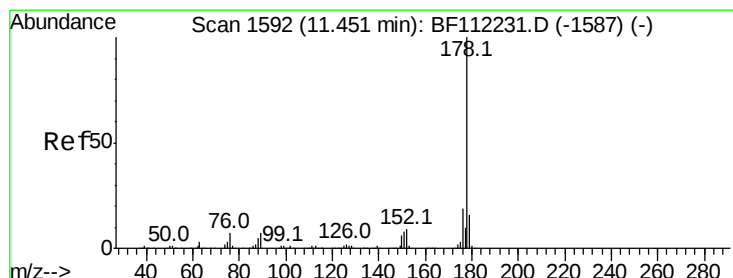
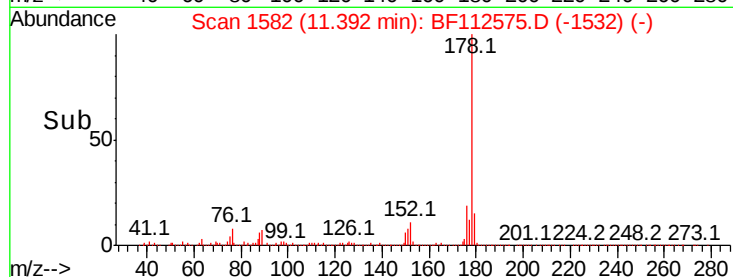
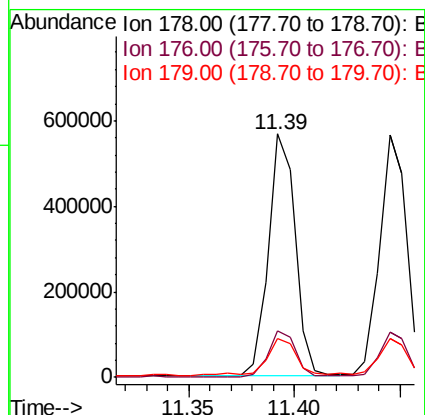
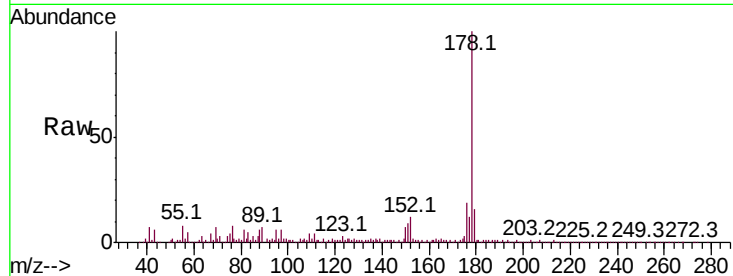
#71
Phenanthrene
Concen: 35.096 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.3	24.5
179	16.2	13.0	19.4

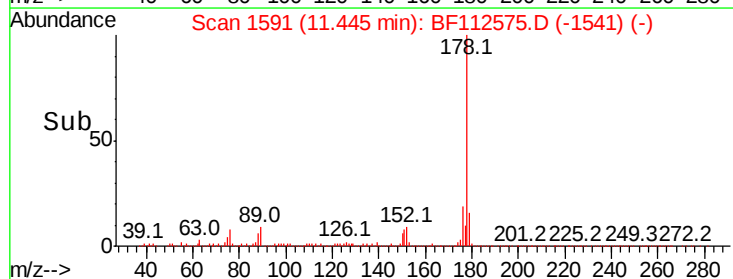
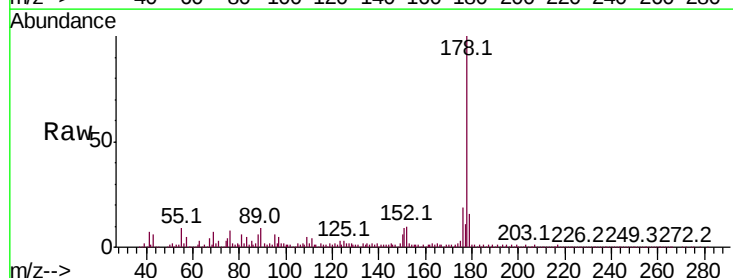
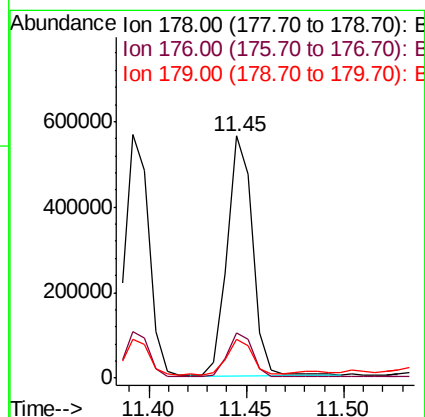
Manual Integrations
APPROVED

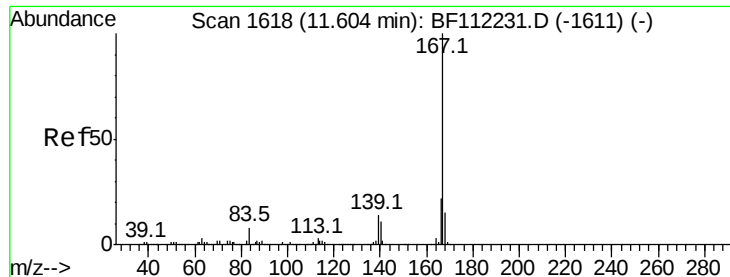
Sohil
2/15/2019 4:53:20 PM



#72
Anthracene
Concen: 35.295 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	16.2	12.8	19.2





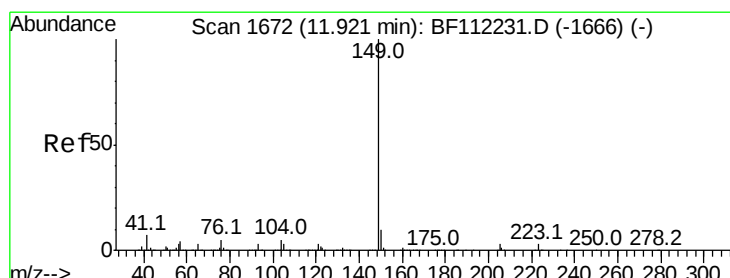
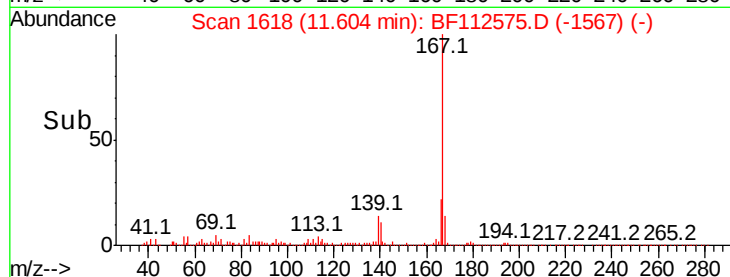
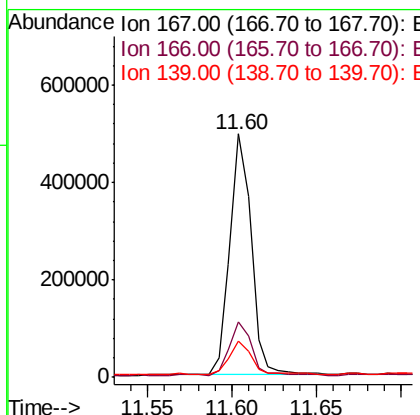
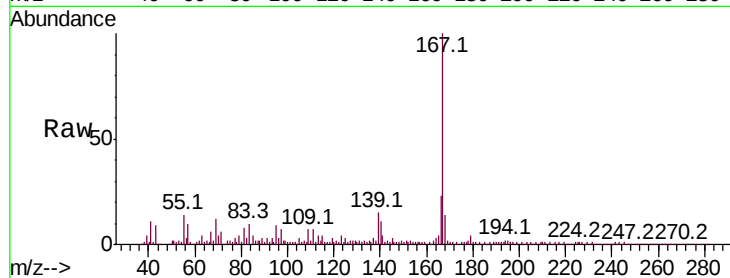
#73
 Carbazole
 Concen: 30.951 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.9	26.9
139	14.6	10.2	15.2

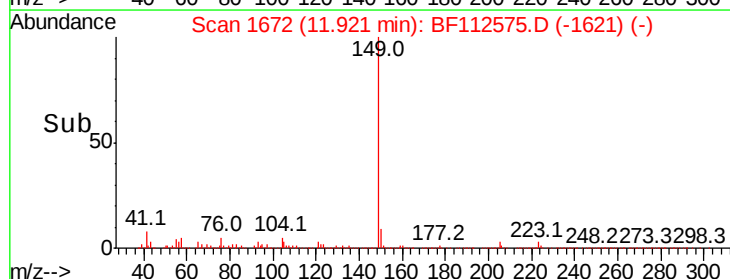
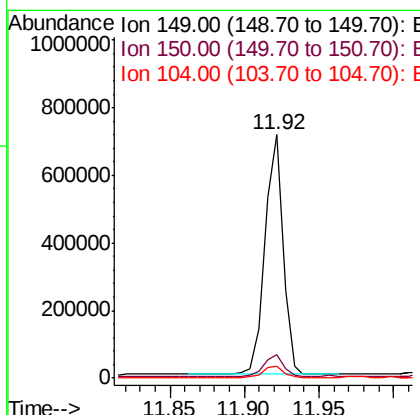
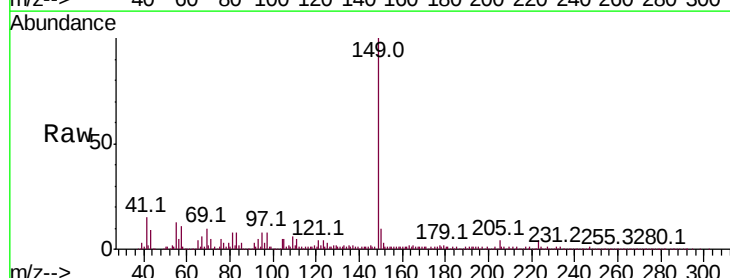
Manual Integrations
 APPROVED

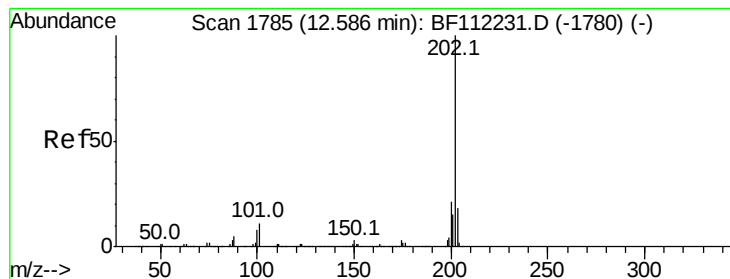
Sohil
 2/15/2019 4:53:20 PM



#74
 Di-n-butylphthalate
 Concen: 33.588 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 35.821 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

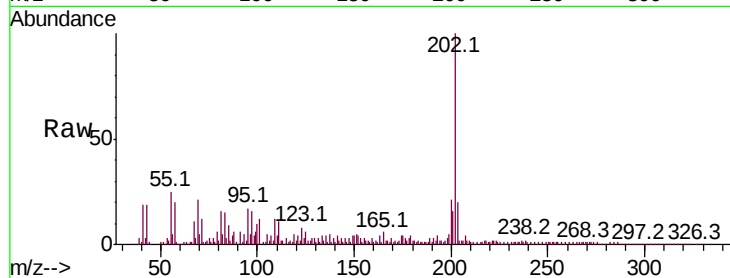
ClientSampleId :

SB-10(0-5)MSD

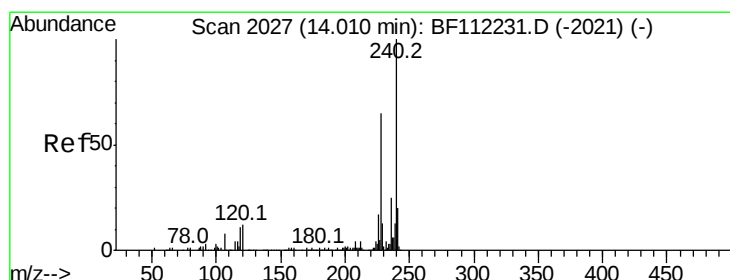
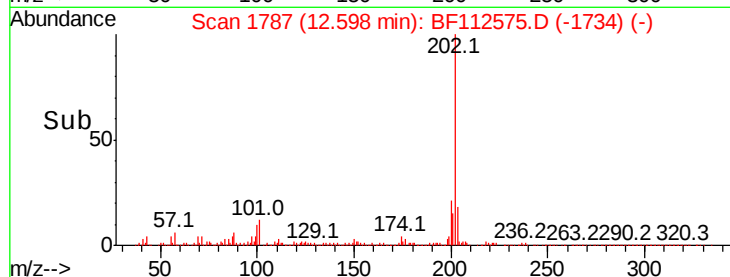
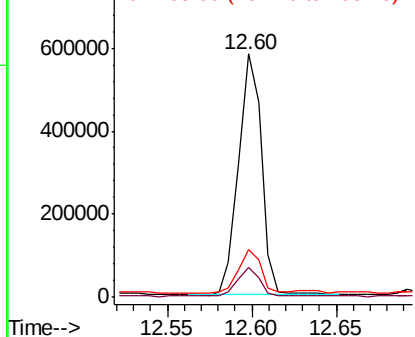
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	31.8
203	19.6	0.0	38.4

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

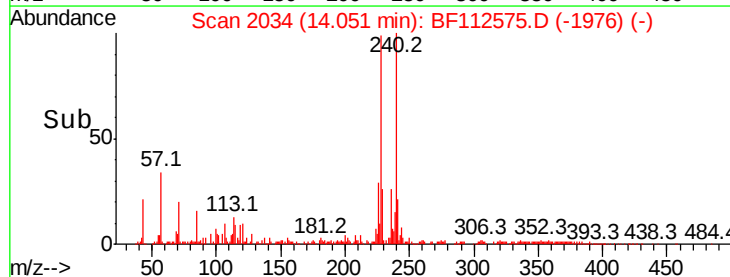
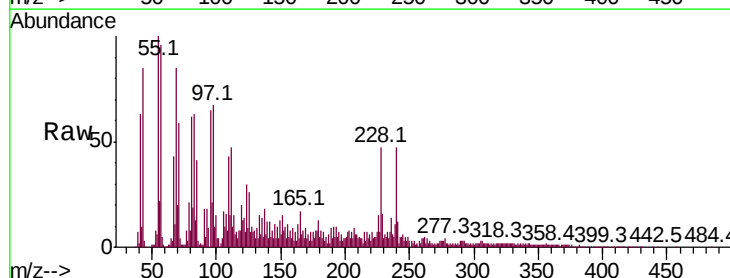
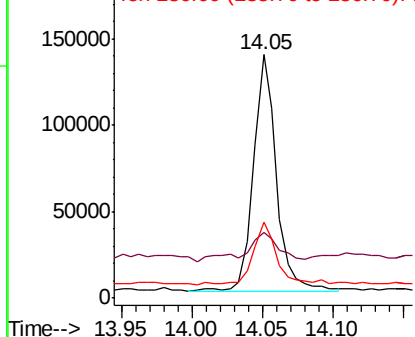
Delta R.T. 0.04 min

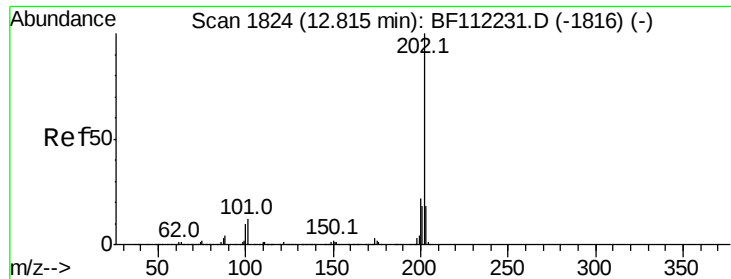
Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	26.9	9.0	13.6#
236	30.9	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





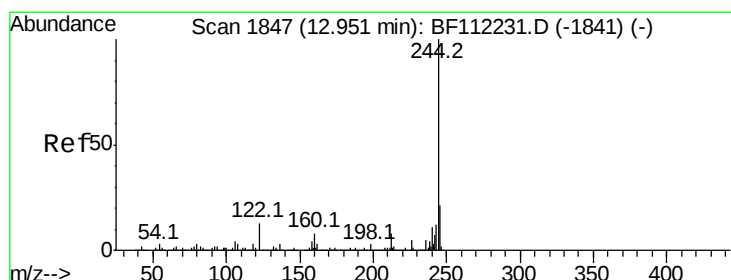
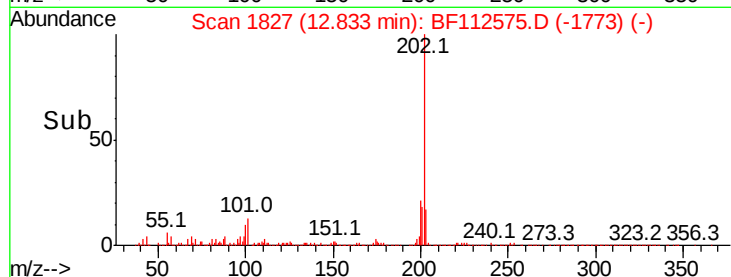
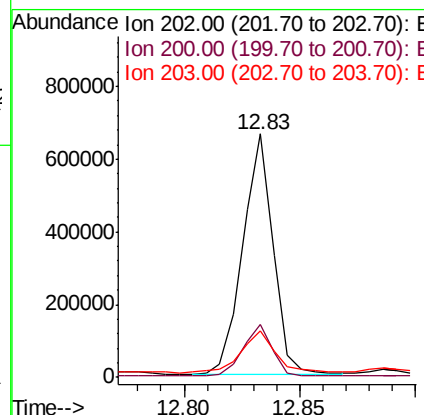
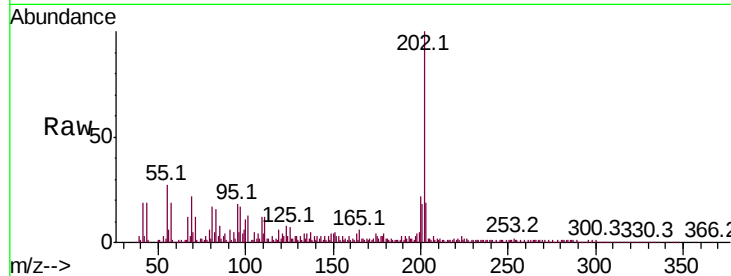
#78
Pvrene
Concen: 56.269 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.02 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.7	26.5
203	19.1	14.6	22.0

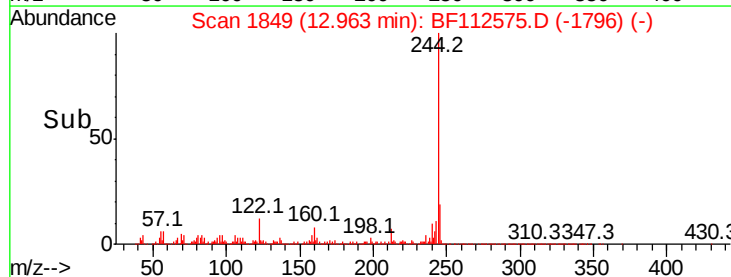
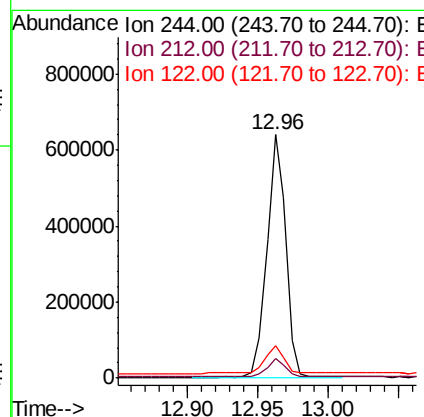
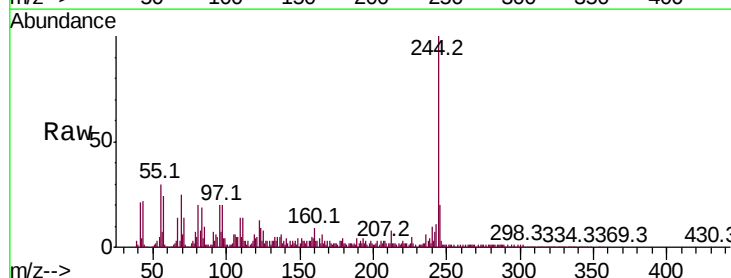
Manual Integrations
APPROVED

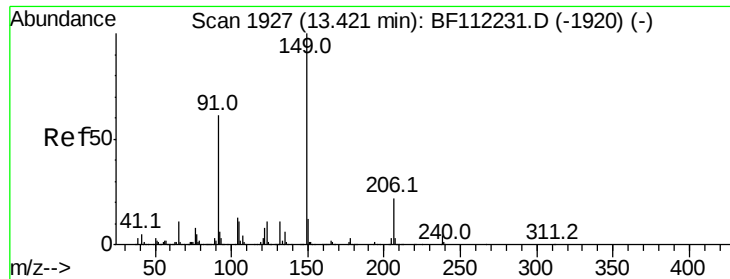
Sohil
2/15/2019 4:53:20 PM



#79
Terphenyl-d14
Concen: 72.766 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.9	8.9
122	13.3	9.8	14.6





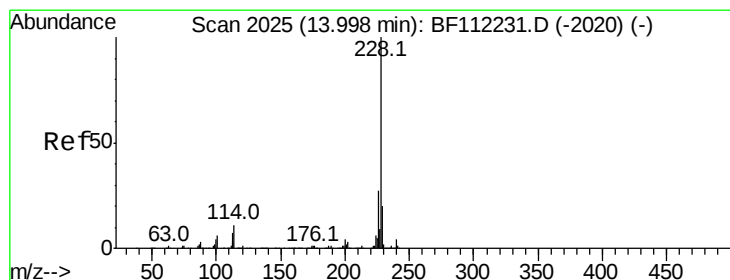
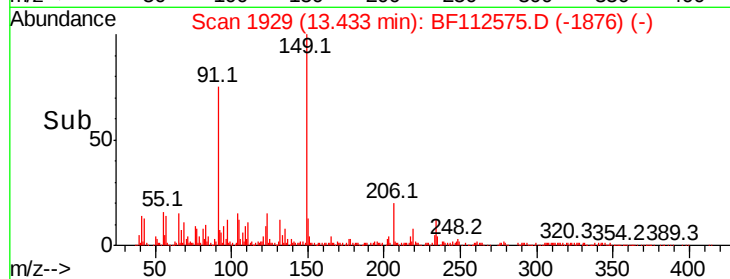
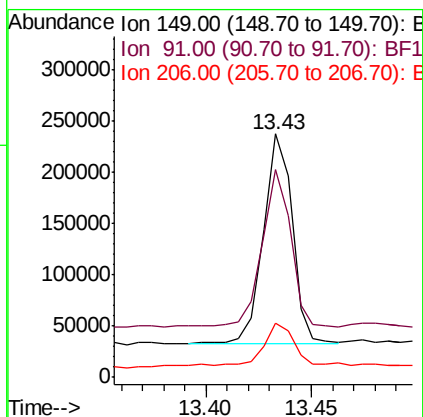
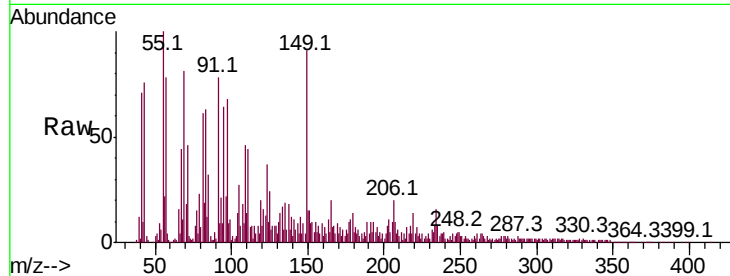
#80
Butylbenzylphthalate
Concen: 37.398 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	194866		
91	85.2	50.3	75.5#	
206	22.3	18.2	27.4	

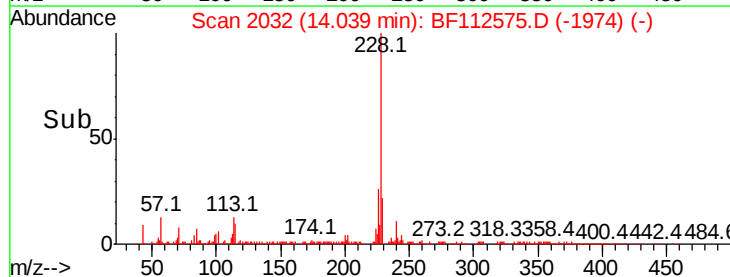
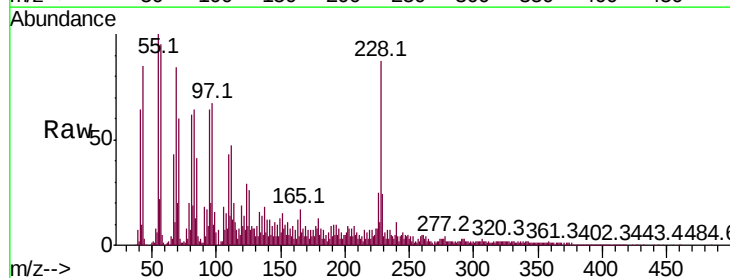
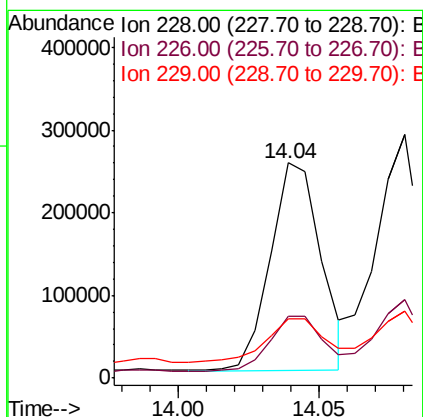
Manual Integrations
APPROVED

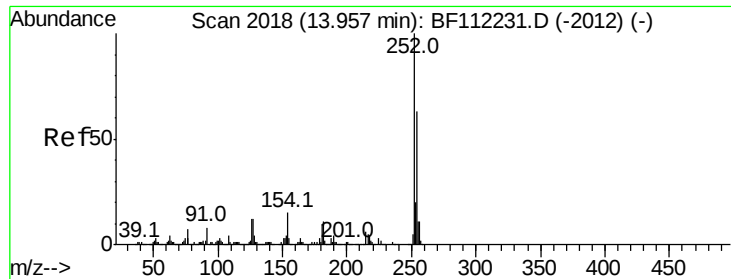
Sohil
2/15/2019 4:53:20 PM



#81
Benzo(a)anthracene
Concen: 34.532 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.04 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	315776		
226	28.6	22.6	34.0	
229	27.6	16.5	24.7#	





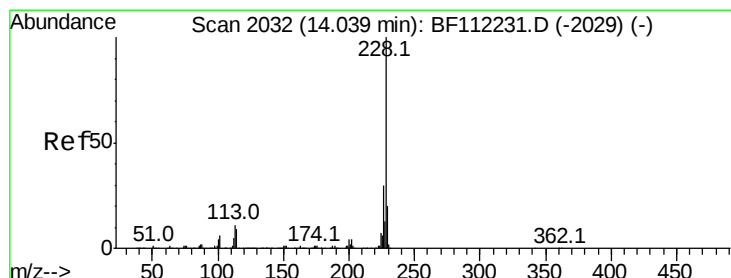
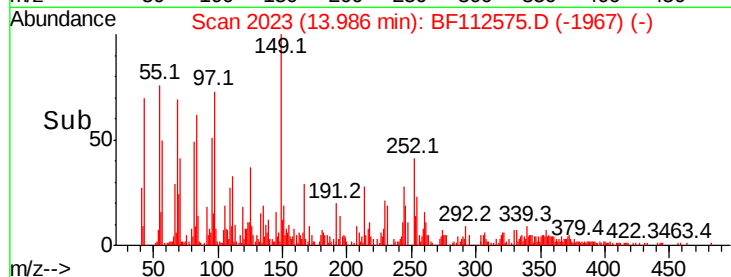
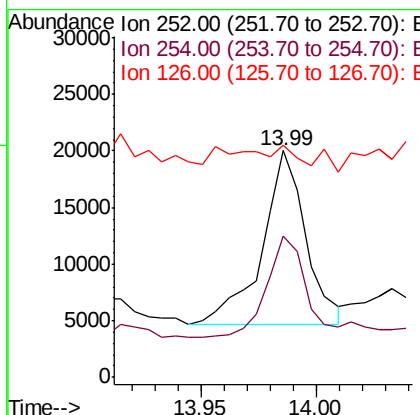
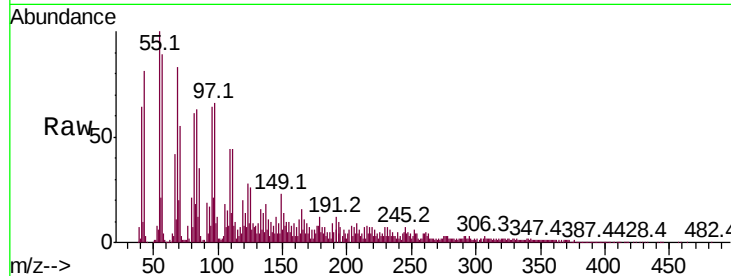
#82
 3,3'-Dichlorobenzidine
 Concen: 5.930 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.03 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.3	51.6	77.4
126	102.8	8.6	12.8#

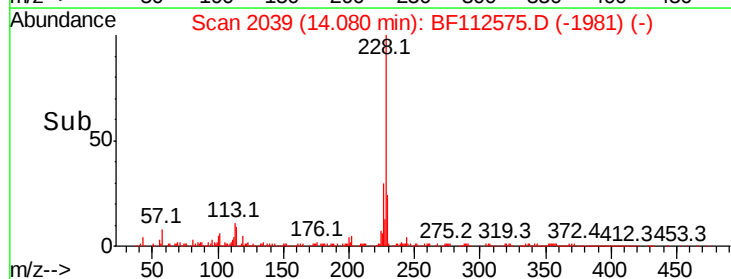
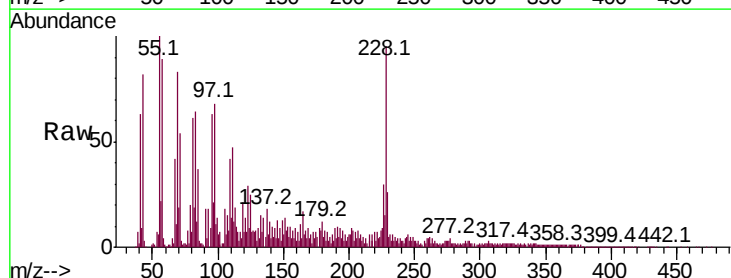
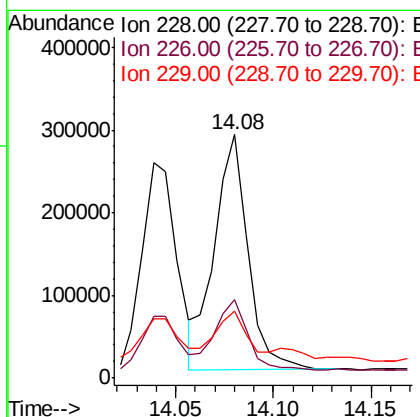
Manual Integrations
 APPROVED

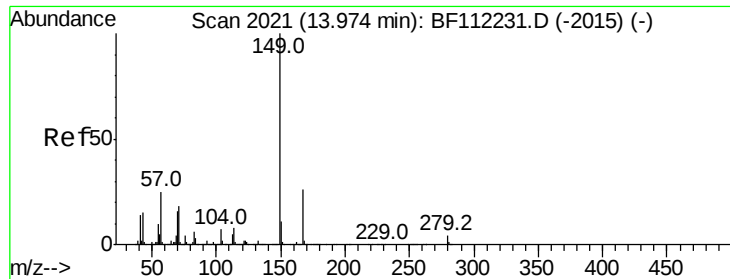
Sohil
 2/15/2019 4:53:20 PM



#83
 Chrysene
 Concen: 39.264 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.04 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	27.3	16.6	24.8#





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.714 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

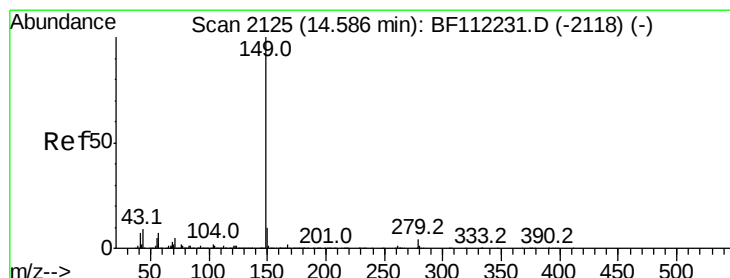
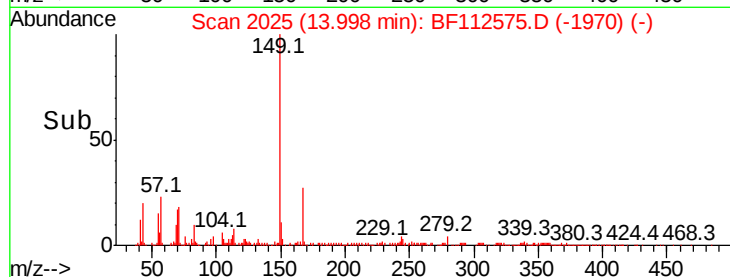
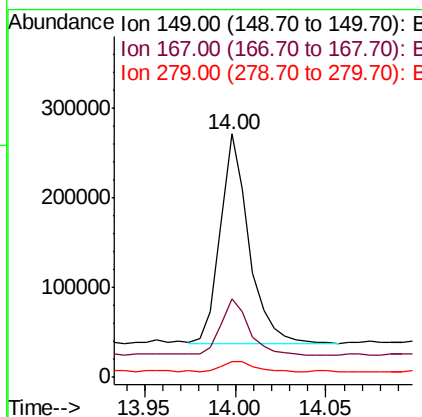
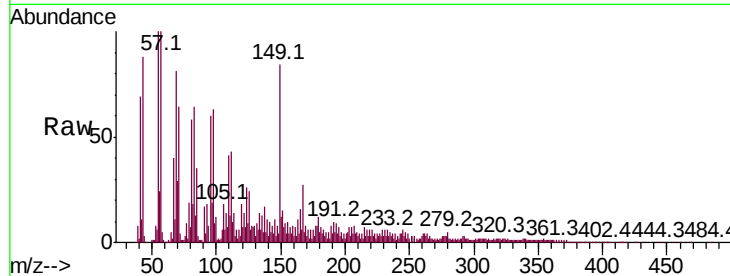
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	149	Resp:	256757
Ion Ratio	Lower	Upper	
149	100		
167	32.2	22.5	33.7
279	6.3	3.8	5.6#

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#85

Di-n-octyl phthalate

Concen: 30.606 ng

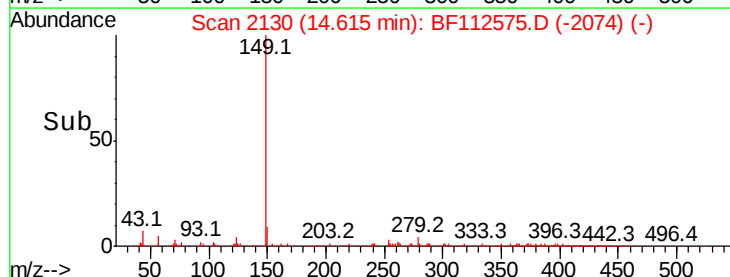
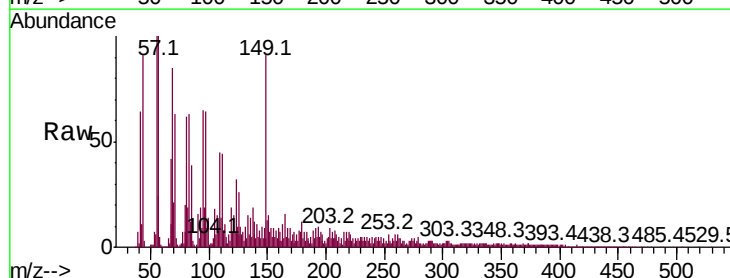
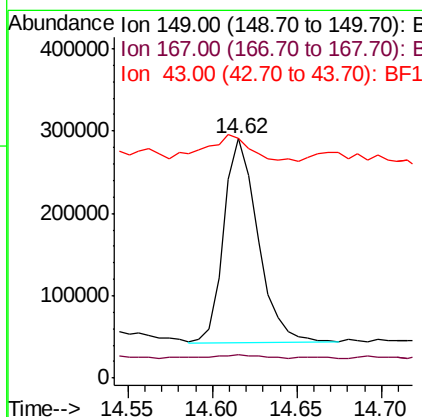
RT: 14.62 min Scan# 2130

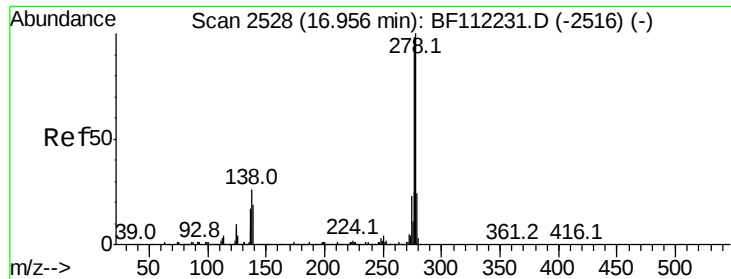
Delta R.T. 0.03 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	149	Resp:	348286
Ion Ratio	Lower	Upper	
149	100		
167	2.2	1.3	1.9#
43	18.1	7.8	11.6#





#86

Indeno(1,2,3-cd)pyrene

Concen: 41.954 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.14 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Instrument :

BNA_F

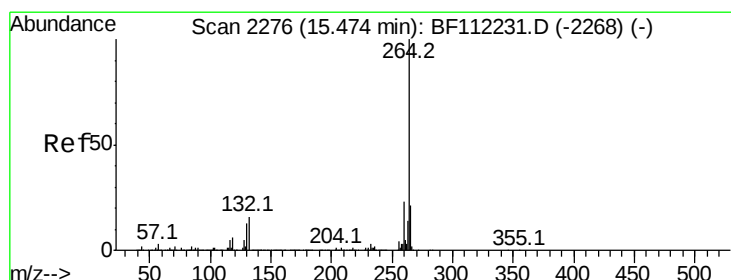
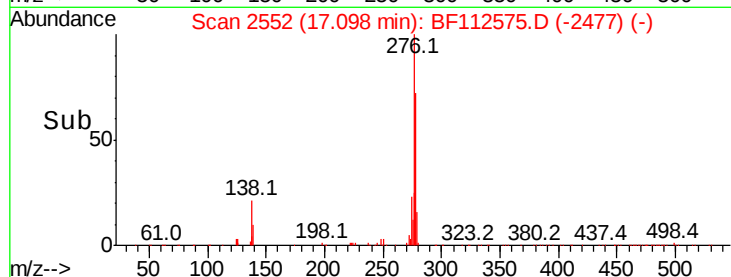
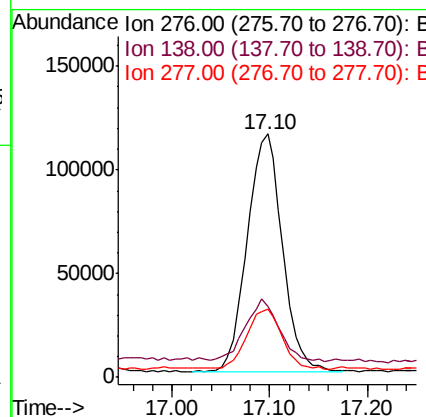
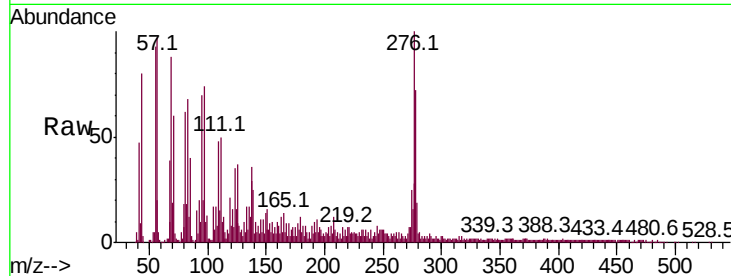
ClientSampleId :

SB-10(0-5)MSD

Tot Ion:	276	Resp:	290173
Ion Ratio	Lower	Upper	
276	100		
138	25.3	22.6	34.0
277	25.6	20.3	30.5

Manual Integrations
APPROVED

Sohil
2/15/2019 4:53:20 PM



#87

Perylene-d12

Concen: 20.000 ng

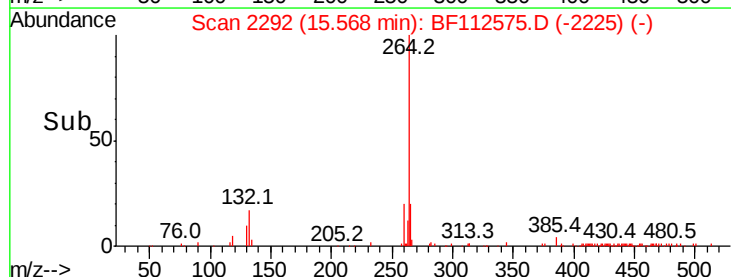
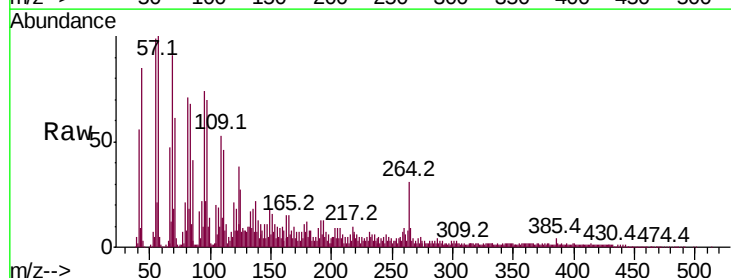
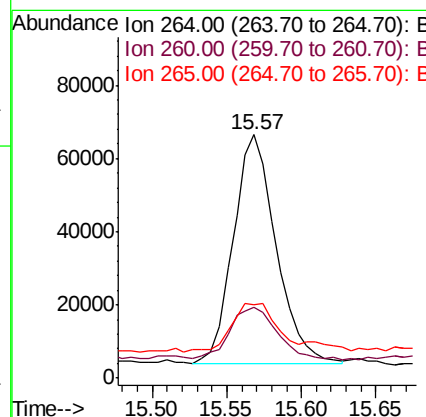
RT: 15.57 min Scan# 2292

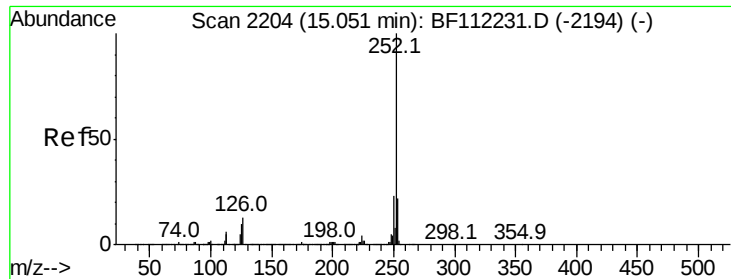
Delta R.T. 0.09 min

Lab File: BF112575.D

Acq: 14 Feb 2019 18:36

Tgt Ion:	264	Resp:	124184
Ion Ratio	Lower	Upper	
264	100		
260	28.9	18.2	27.2#
265	30.3	17.0	25.4#





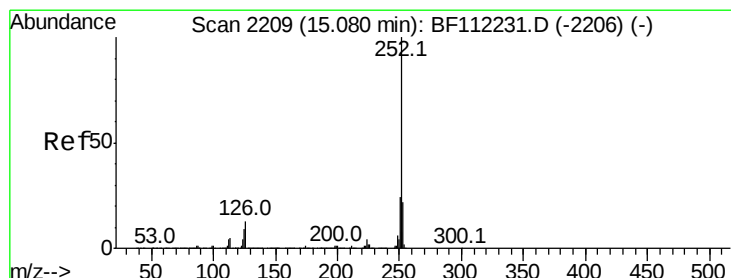
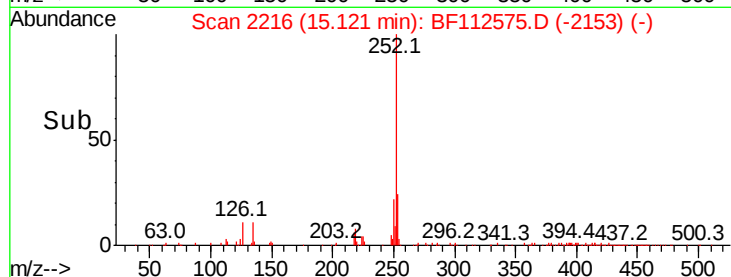
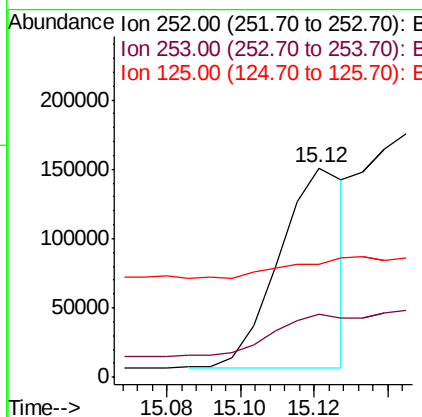
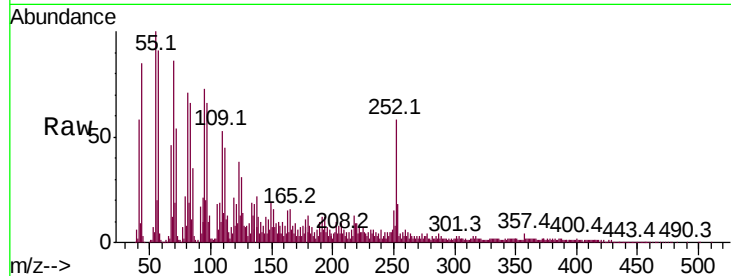
#88
Benzo(b)fluoranthene
Concen: 24.412 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.07 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.0	27.0#
125	53.7	8.7	13.1#

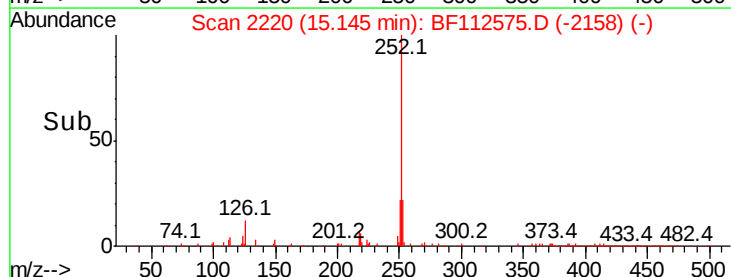
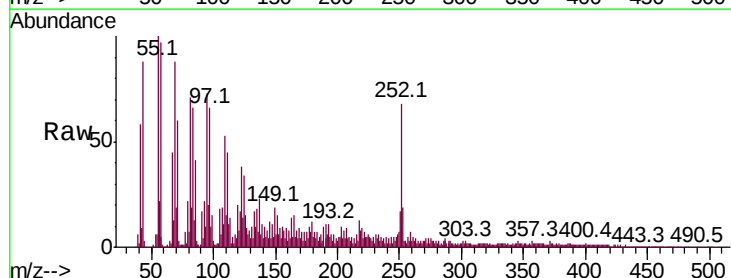
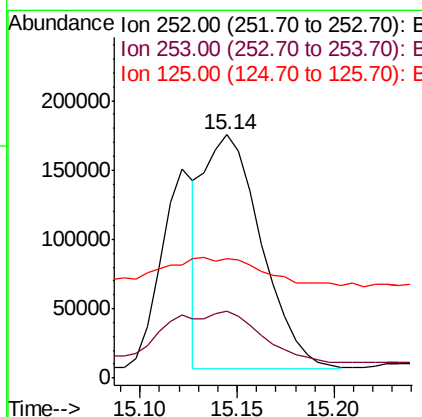
Manual Integrations
APPROVED

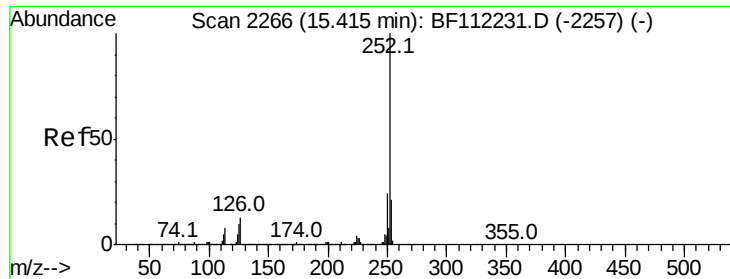
Sohil
2/15/2019 4:53:20 PM



#89
Benzo(k)fluoranthene
Concen: 48.717 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.06 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0#
125	49.3	9.1	13.7#





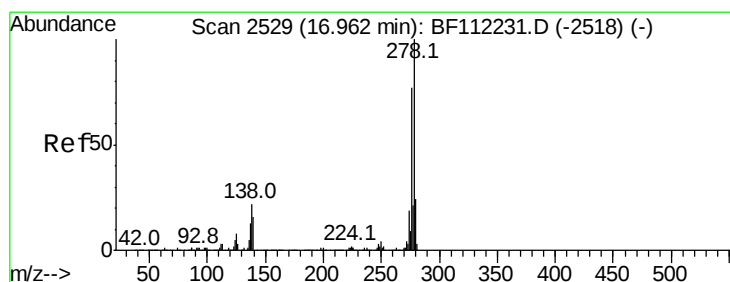
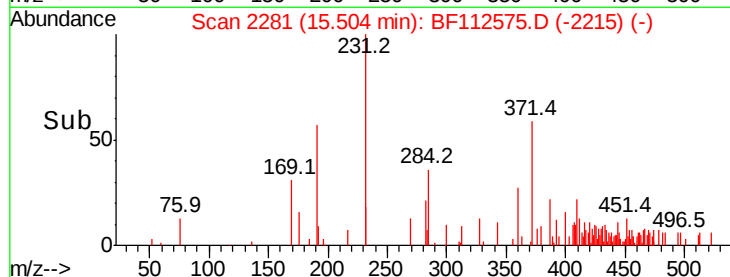
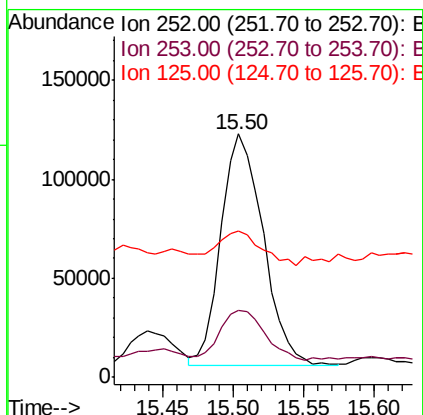
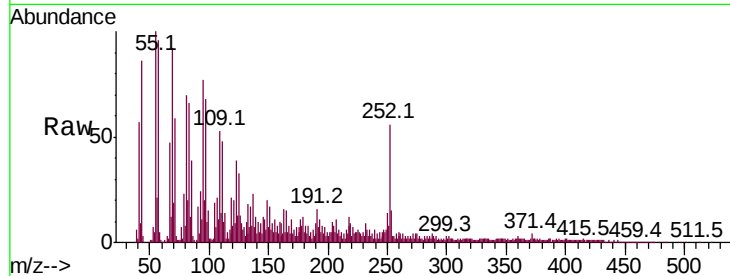
#90
Benzo(a)pyrene
Concen: 36.407 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.09 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Instrument :
BNA_F
ClientSampleId :
SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	59.9	9.0	13.4#

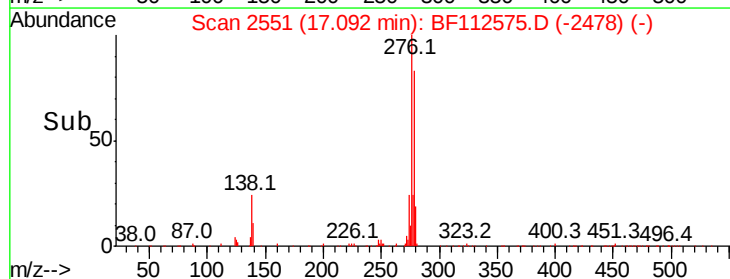
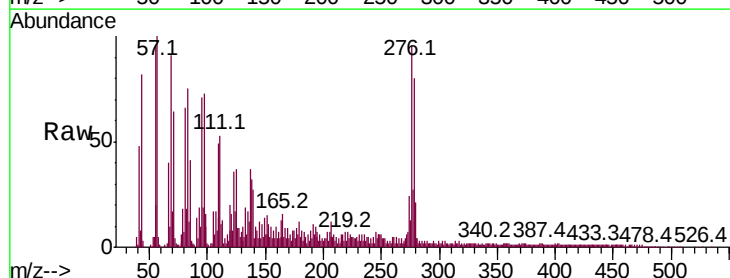
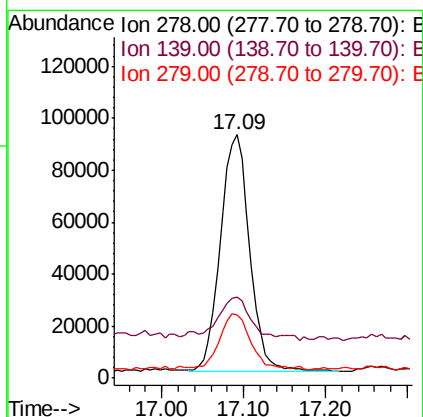
Manual Integrations
APPROVED

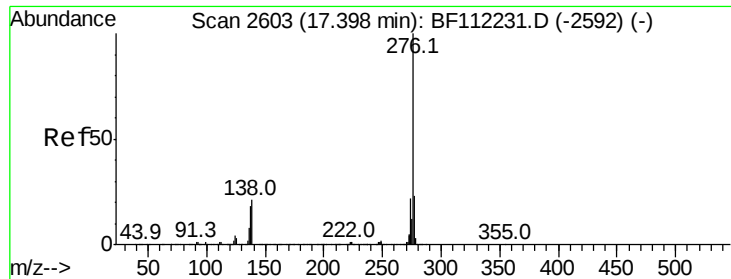
Sohil
2/15/2019 4:53:20 PM



#91
Dibenzo(a,h)anthracene
Concen: 42.337 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.13 min
Lab File: BF112575.D
Acq: 14 Feb 2019 18:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	33.5	13.7	20.5#
279	26.1	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 49.365 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. 0.16 min
 Lab File: BF112575.D
 Acq: 14 Feb 2019 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(0-5)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	19.4	29.0
138	28.0	19.1	28.7

Manual Integrations
 APPROVED

Sohil
 2/15/2019 4:53:20 PM

