

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121363.D
 Acq On : 21 Aug 2020 12:07
 Operator : JU/CG
 Sample : PB130970BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:50:02 PM

Quant Time: Aug 21 13:27:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155100	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	594105	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305853	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	575392	20.00	ng	0.00
76) Chrysene-d12	13.86	240	458831	20.00	ng	0.01
86) Perylene-d12	15.27	264	493475	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	883468	93.40	ng	0.02
7) Phenol-d6	6.35	99	1061960	87.95	ng	0.00
23) Nitrobenzene-d5	7.27	82	730419	69.53	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	333163	93.48	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1283047	79.73	ng	0.00
79) Terphenyl-d14	12.80	244	1306771	55.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	233173	54.476	ng	100
3) Pyridine	3.13	79	337325	29.363	ng	97
4) n-Nitrosodimethylamine	3.09	42	183332	39.209	ng	98
6) Aniline	6.36	93	454627	32.606	ng	# 60
8) 2-Chlorophenol	6.49	128	411663	41.640	ng	99
9) Benzaldehyde	6.25	77	265419	39.072	ng	98
10) Phenol	6.36	94	461255	36.431	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	387701	39.759	ng	96
12) 1,3-Dichlorobenzene	6.64	146	407361	36.778	ng	99
13) 1,4-Dichlorobenzene	6.72	146	414251	37.048	ng	99
14) 1,2-Dichlorobenzene	6.87	146	390105	36.635	ng	97
15) Benzyl Alcohol	6.85	79	324715	44.694	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.97	45	519137	36.157	ng	75
17) 2-Methylphenol	6.97	107	323785	39.693	ng	94
18) Hexachloroethane	7.20	117	153101	36.773	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	246043	37.887	ng	99
20) 3+4-Methylphenols	7.12	107	379633	47.426	ng	# 90
22) Acetophenone	7.11	105	518119	37.303	ng	97
24) Nitrobenzene	7.29	77	407778	38.087	ng	97
25) Isophorone	7.53	82	752980	39.388	ng	98
26) 2-Nitrophenol	7.60	139	224565	40.897	ng	94
27) 2,4-Dimethylphenol	7.65	122	354236	45.211	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	481334	36.987	ng	99
29) 2,4-Dichlorophenol	7.85	162	331291	38.728	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	359358	36.736	ng	99
31) Naphthalene	8.00	128	1111270	37.583	ng	100
32) Benzoic acid	7.80	122	175358	31.478	ng	98
33) 4-Chloroaniline	8.06	127	422566	32.274	ng	98
34) Hexachlorobutadiene	8.12	225	203010	35.067	ng	100
35) Caprolactam	8.43	113	123893m	44.222	ng	
36) 4-Chloro-3-methylphenol	8.55	107	348721	40.306	ng	99
37) 2-Methylnaphthalene	8.69	142	749839	39.126	ng	98
38) 1-Methylnaphthalene	8.79	142	700601	38.447	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	349120	38.459	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121363.D
 Acq On : 21 Aug 2020 12:07
 Operator : JU/CG
 Sample : PB130970BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

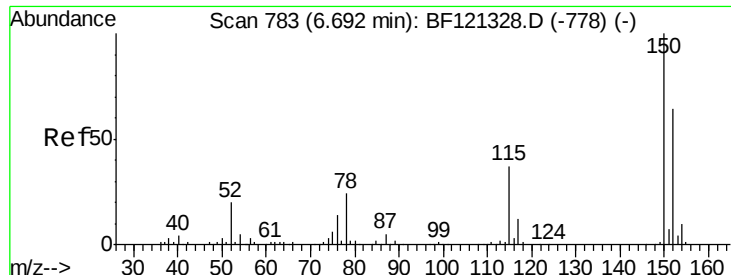
Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:50:02 PM

Quant Time: Aug 21 13:27:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	298996	82.921	nq	99
43) 2,4,6-Trichlorophenol	8.97	196	237596	38.285	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	255811	40.065	nq	96
46) 1,1'-Biphenyl	9.16	154	894344	39.014	nq	99
47) 2-Chloronaphthalene	9.18	162	688943	36.479	nq	99
48) 2-Nitroaniline	9.28	65	228474	38.422	nq	99
49) Acenaphthylene	9.60	152	1111068	39.607	nq	100
50) Dimethylphthalate	9.46	163	850522	38.223	nq	100
51) 2,6-Dinitrotoluene	9.53	165	191033	40.199	nq	96
52) Acenaphthene	9.77	154	648903	38.071	nq	99
53) 3-Nitroaniline	9.69	138	169904	28.580	nq	96
54) 2,4-Dinitrophenol	9.81	184	192978	84.232	nq	99
55) Dibenzofuran	9.94	168	946234	43.290	nq	99
56) 4-Nitrophenol	9.87	139	275304	75.091	nq	99
57) 2,4-Dinitrotoluene	9.93	165	228491	39.412	nq	89
58) Fluorene	10.28	166	727836	45.561	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	221353	40.555	nq	97
60) Diethylphthalate	10.16	149	820524	37.762	nq	100
61) 4-Chlorophenyl-phenylether	10.27	204	355886	44.037	nq	98
62) 4-Nitroaniline	10.31	138	226804	37.235	nq	98
63) Azobenzene	10.43	77	780152	38.656	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	141042	45.835	nq	100
66) n-Nitrosodiphenylamine	10.40	169	700915	39.492	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	243421	38.138	nq	98
68) Hexachlorobenzene	10.83	284	275950	37.508	nq	# 92
69) Atrazine	10.93	200	206224	37.509	nq	99
70) Pentachlorophenol	11.03	266	268765	82.105	nq	99
71) Phenanthrene	11.24	178	1120082	37.613	nq	100
72) Anthracene	11.29	178	1165378	40.638	nq	100
73) Carbazole	11.45	167	1093412	39.952	nq	100
74) Di-n-butylphthalate	11.78	149	1281582	38.833	nq	100
75) Fluoranthene	12.43	202	1245853	38.544	nq	98
77) Benzidine	12.55	184	821441	64.982	nq	99
78) Pyrene	12.66	202	1296459	37.616	nq	99
80) Butylbenzylphthalate	13.27	149	561831	37.936	nq	99
81) Benzo(a)anthracene	13.85	228	1065203	37.378	nq	99
82) 3,3'-Dichlorobenzidine	13.81	252	360467	32.944	nq	99
83) Chrysene	13.89	228	1081983	37.122	nq	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	662094	38.016	nq	100
85) Di-n-octyl phthalate	14.45	149	1308678	40.603	nq	100
87) Indeno(1,2,3-cd)pyrene	16.63	276	1247246	41.405	nq	99
88) Benzo(b)fluoranthene	14.87	252	1150949	36.102	nq	99
89) Benzo(k)fluoranthene	14.90	252	1096491	39.072	nq	99
90) Benzo(a)pyrene	15.22	252	1049765	38.110	nq	98
91) Dibenzo(a,h)anthracene	16.65	278	1014525	41.077	nq	100
92) Benzo(g,h,i)perylene	17.05	276	1063710	44.054	nq	99

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



#1

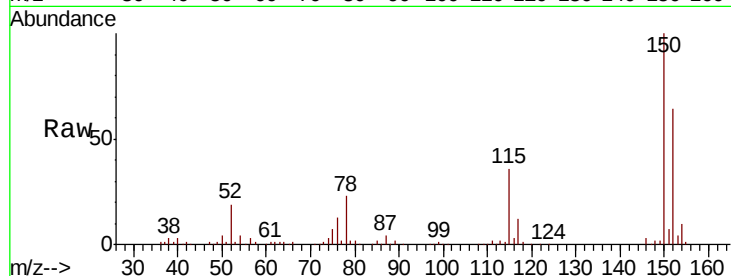
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.8	187.2
115	56.1	46.1	69.1

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:50:02 PM

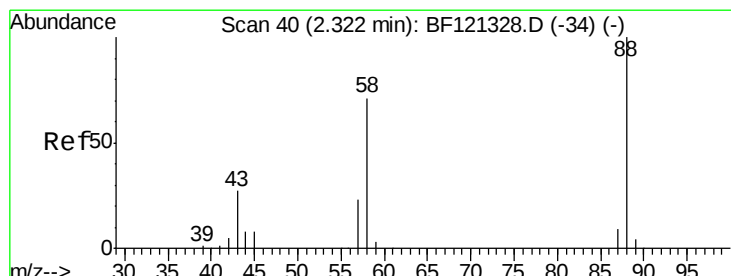
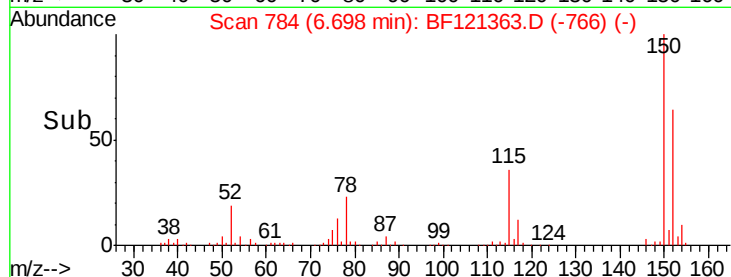
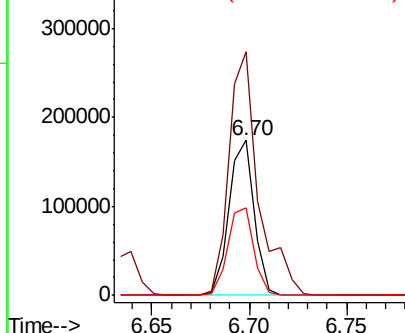


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

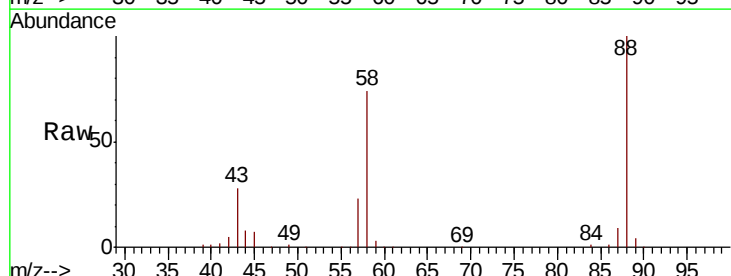
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 54.476 ng
 RT: 2.44 min Scan# 60
 Delta R.T. 0.12 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.5	87.7
43	27.2	21.8	32.8

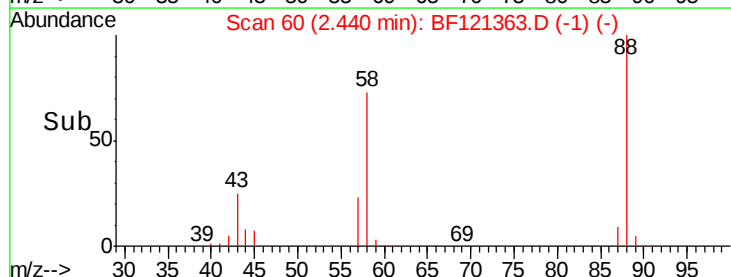
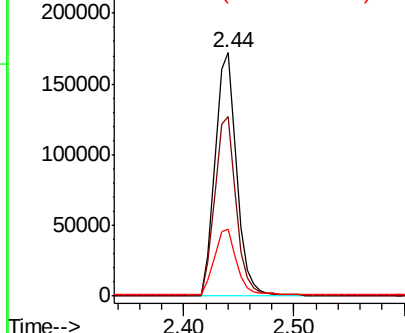


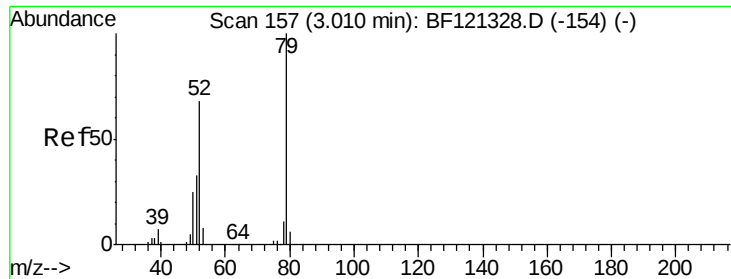
Abundance

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





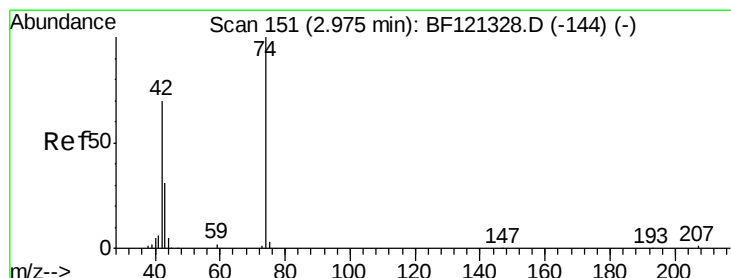
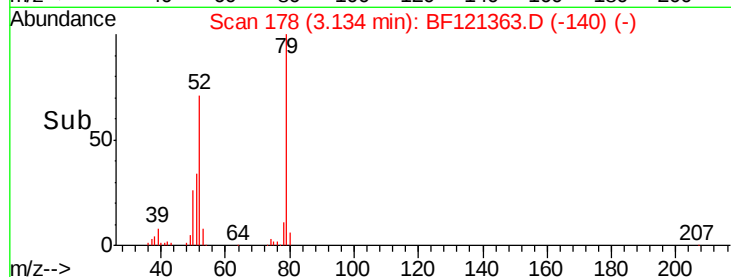
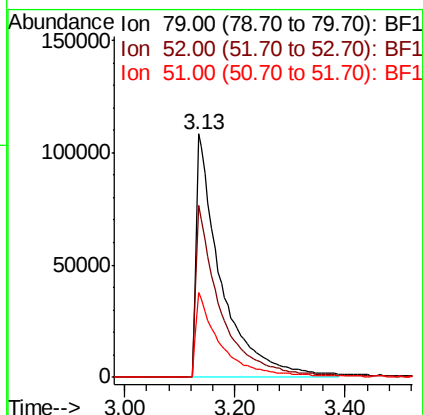
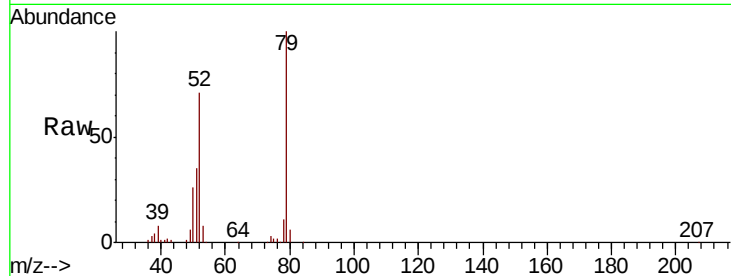
#3
 Pvridine
 Concen: 29.363 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.12 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	337325		
52	70.9		54.6	82.0
51	34.7		27.0	40.6

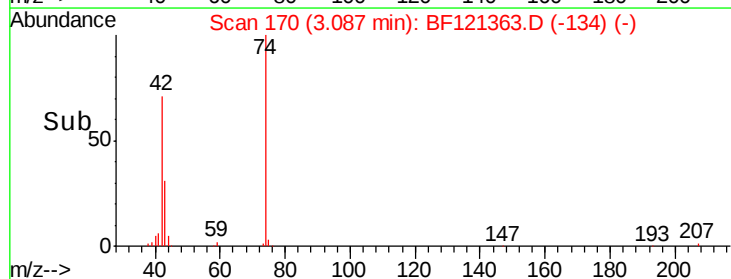
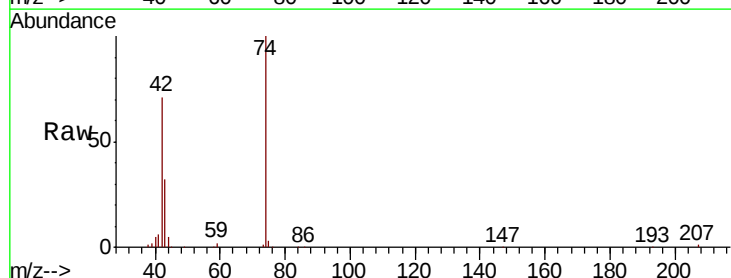
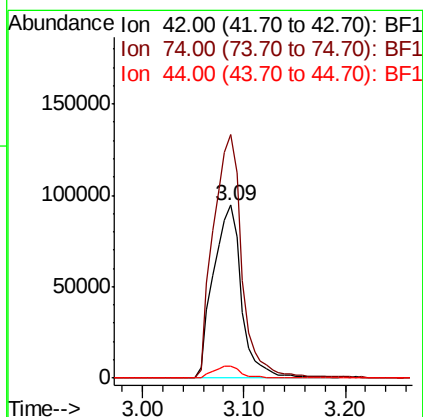
Manual Integrations
 APPROVED

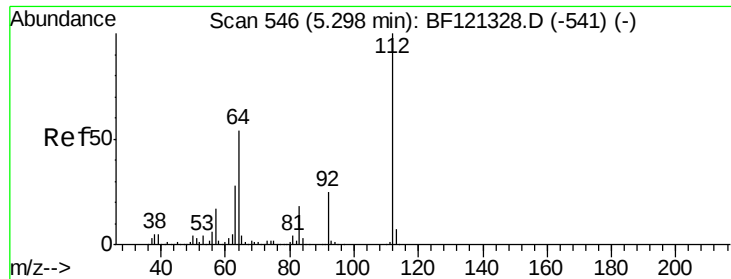
Sohil
 8/24/2020 1:50:02 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.209 ng
 RT: 3.09 min Scan# 170
 Delta R.T. 0.11 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	183332		
74	140.7		114.2	171.2
44	6.9		5.4	8.2





#5

2-Fluorophenol

Concen: 93.401 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

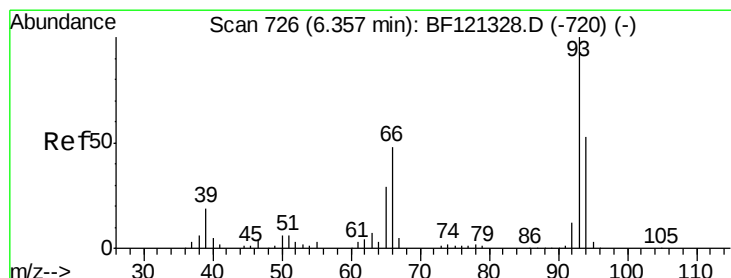
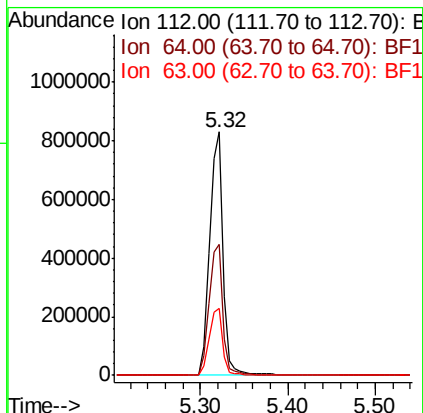
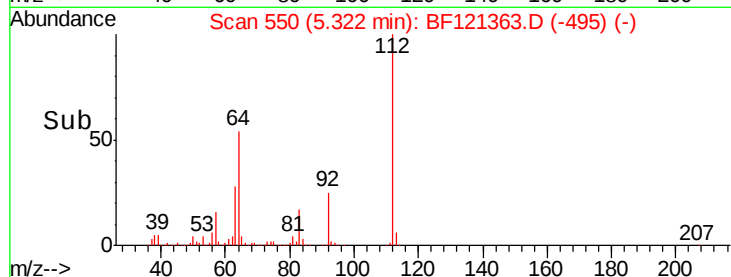
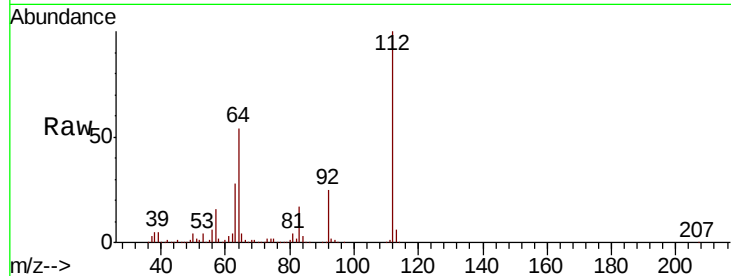
ClientSampleId :

PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	883468		
64	53.8	43.5	65.3	
63	27.6	22.0	33.0	

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM



#6

Aniline

Concen: 32.606 ng

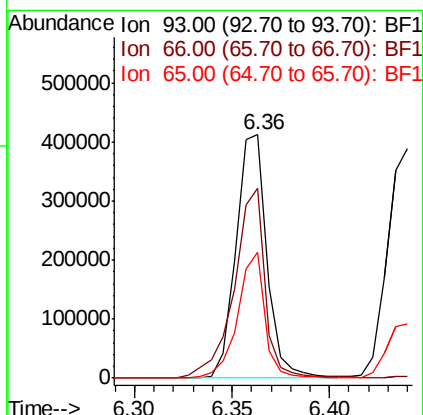
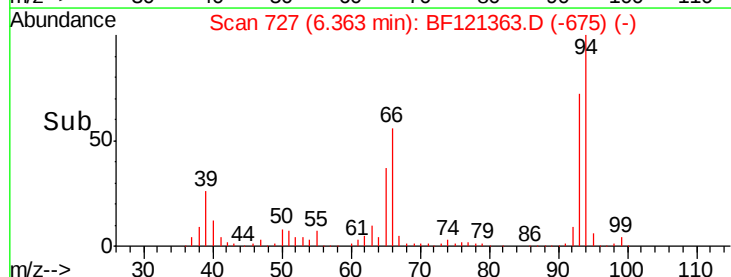
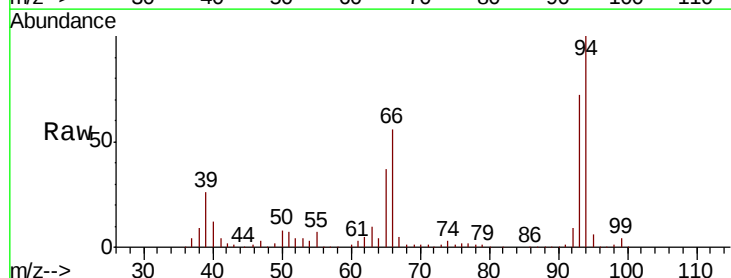
RT: 6.36 min Scan# 727

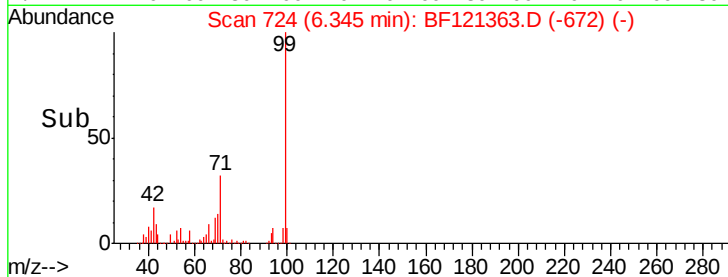
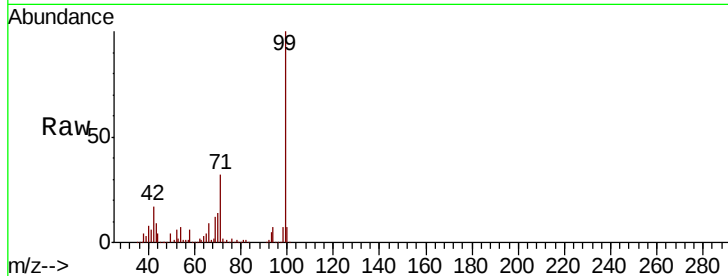
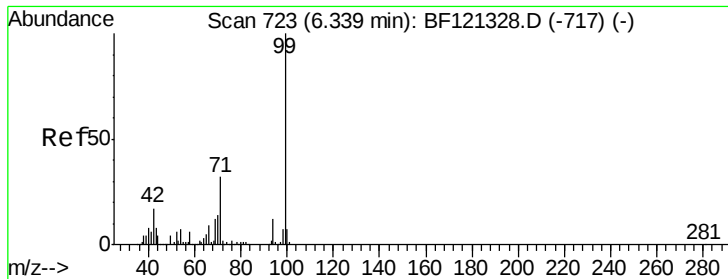
Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	454627		
66	77.8	40.2	60.2#	
65	51.6	23.6	35.4#	





#7

Phenol-d6

Concen: 87.947 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Tot Ion: 99 Resp: 1061960

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.5 25.2 37.8

Instrument :

BNA_F

ClientSampleId :

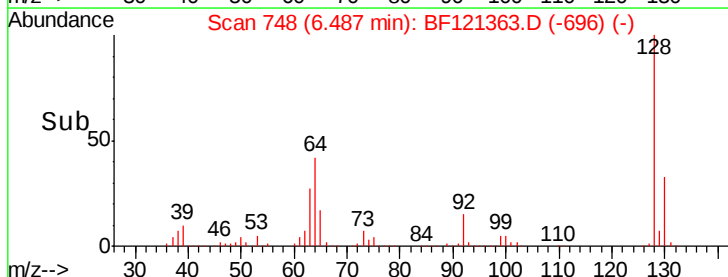
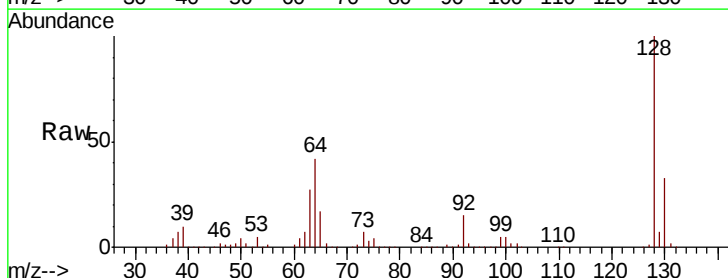
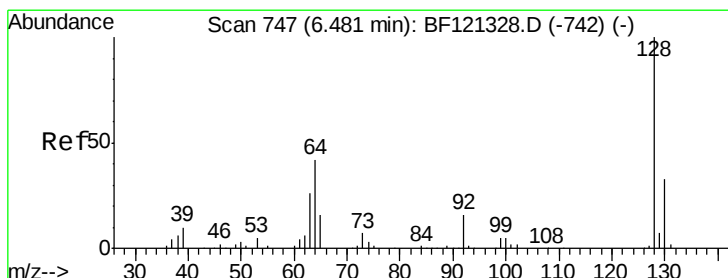
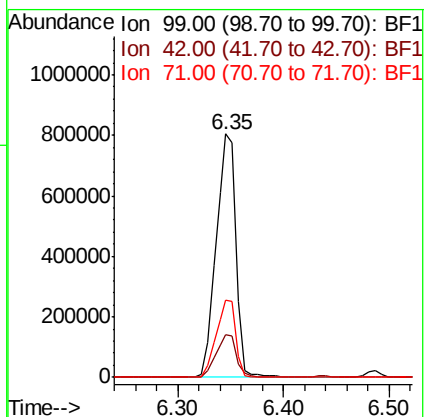
PB130970BSD

Manual Integrations

APPROVED

Sohil

8/24/2020 1:50:02 PM



#8

2-Chlorophenol

Concen: 41.640 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

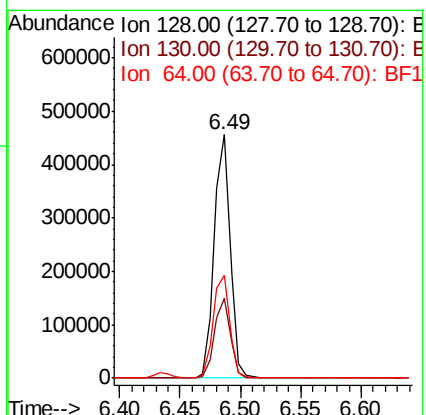
Tgt Ion: 128 Resp: 411663

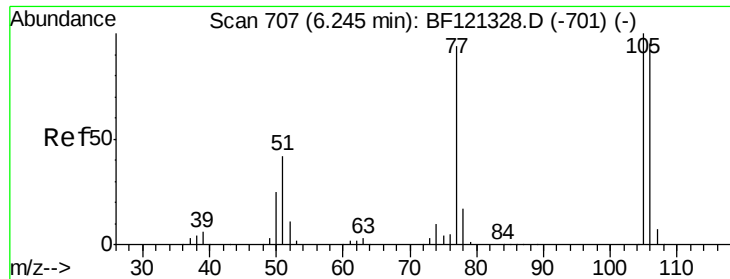
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 42.3 23.4 63.4





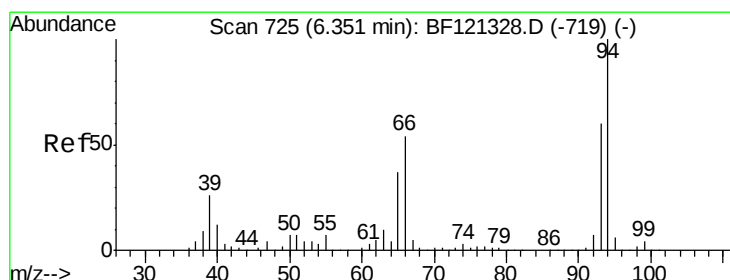
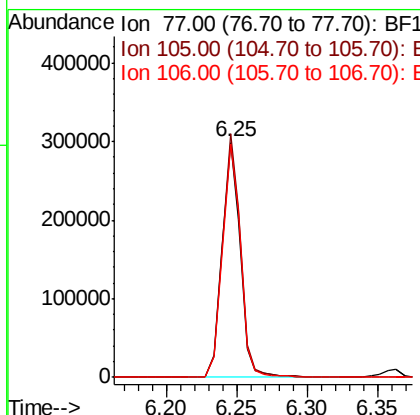
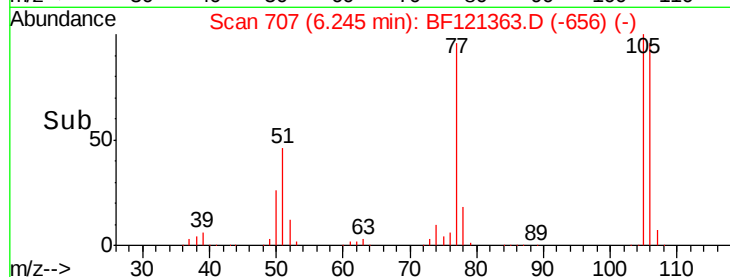
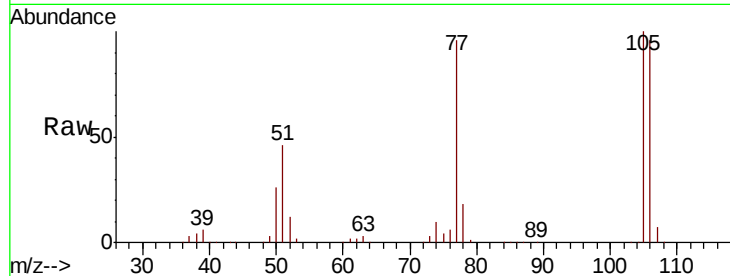
#9
Benzaldehyde
Concen: 39.072 ng
RT: 6.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	86.3	126.3
106	99.3	81.2	121.2

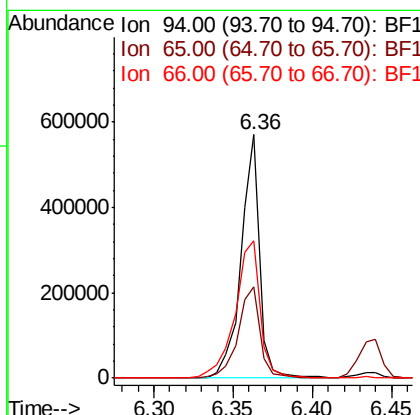
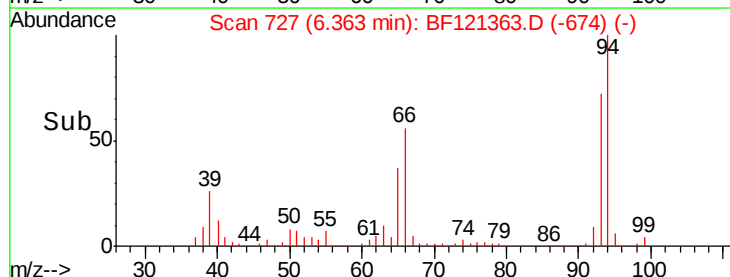
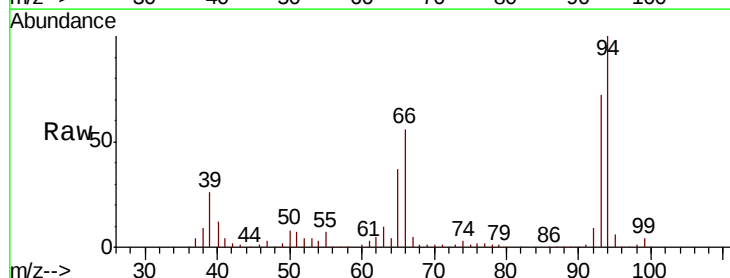
Manual Integrations
APPROVED

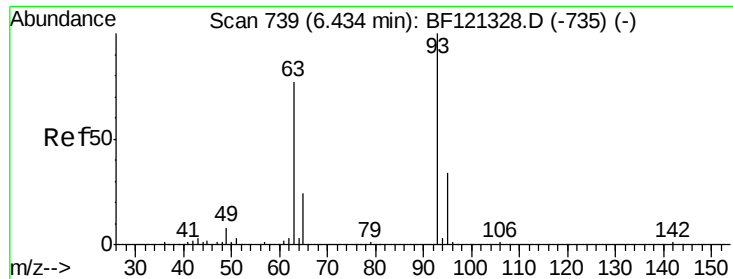
Sohil
8/24/2020 1:50:02 PM



#10
Phenol
Concen: 36.431 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.4	16.6	56.6
66	56.3	34.3	74.3





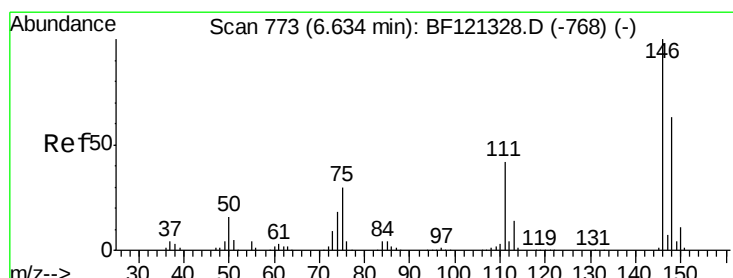
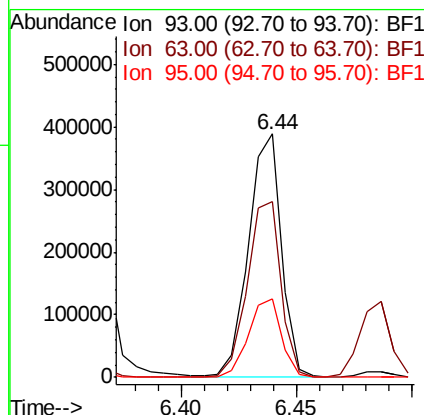
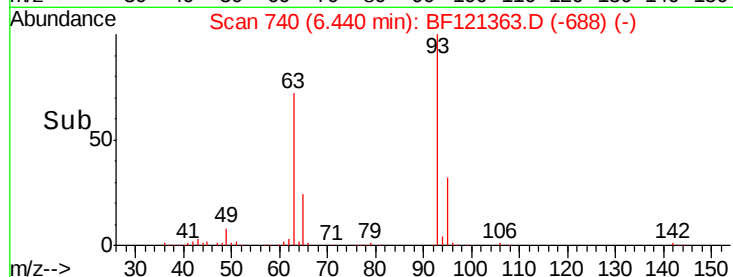
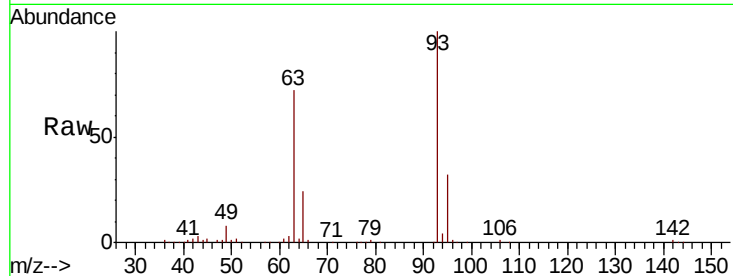
#11
bis(2-Chloroethyl)ether
Concen: 39.759 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion:	93	Resp:	387701
Ion Ratio	Lower	Upper	
93	100		
63	72.4	56.4	96.4
95	32.2	13.5	53.5

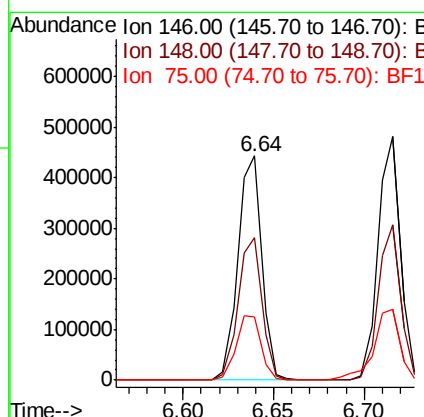
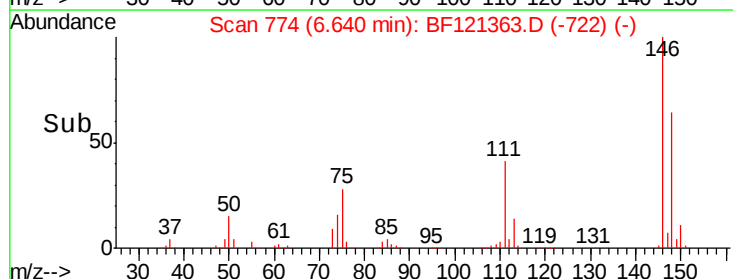
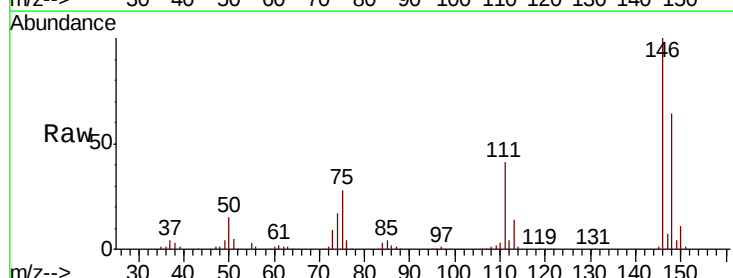
Manual Integrations
APPROVED

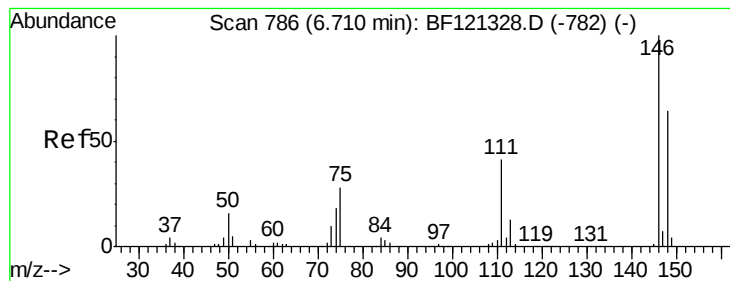
Sohil
8/24/2020 1:50:02 PM



#12
1,3-Dichlorobenzene
Concen: 36.778 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion:	146	Resp:	407361
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.7	76.1
75	28.0	23.8	35.6





#13

1,4-Dichlorobenzene

Concen: 37.048 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

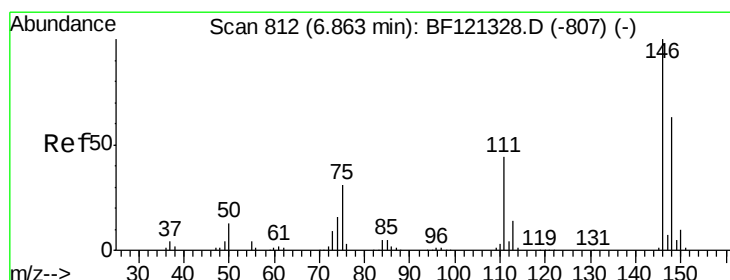
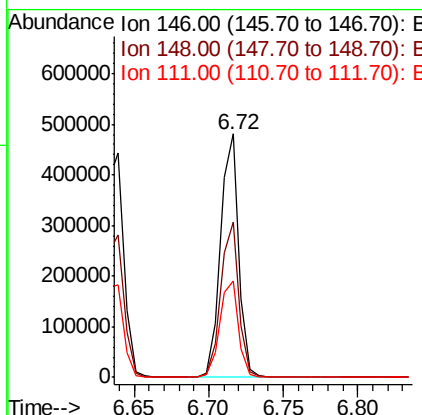
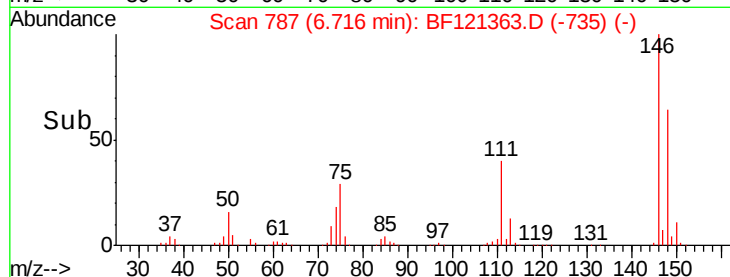
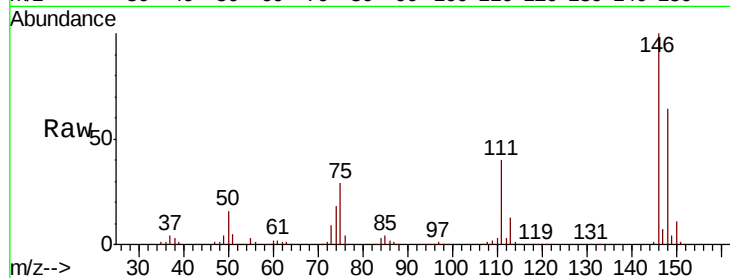
ClientSampleId :

PB130970BSD

Tot Ion:	146	Resp:	414251
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.2	76.8
111	39.8	33.3	49.9

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM



#14

1,2-Dichlorobenzene

Concen: 36.635 ng

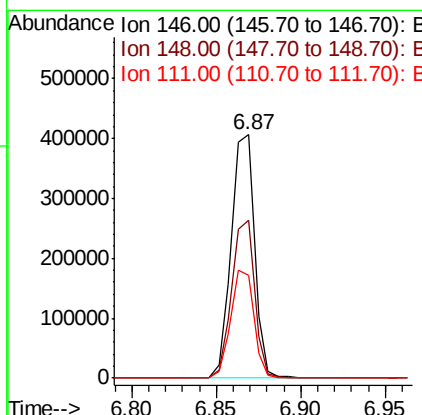
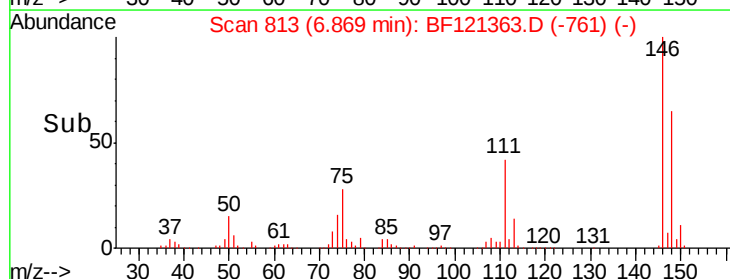
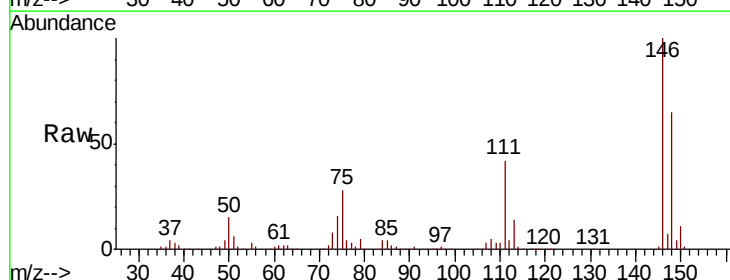
RT: 6.87 min Scan# 813

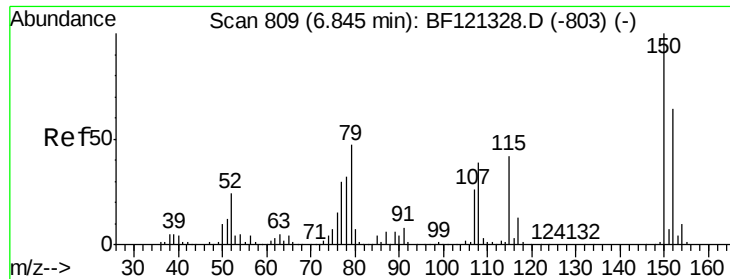
Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Tgt Ion:	146	Resp:	390105
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.3	75.5
111	42.0	35.5	53.3





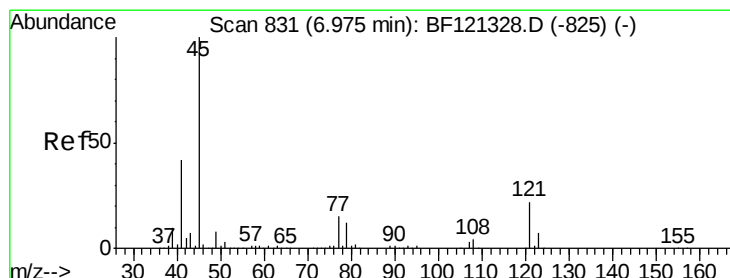
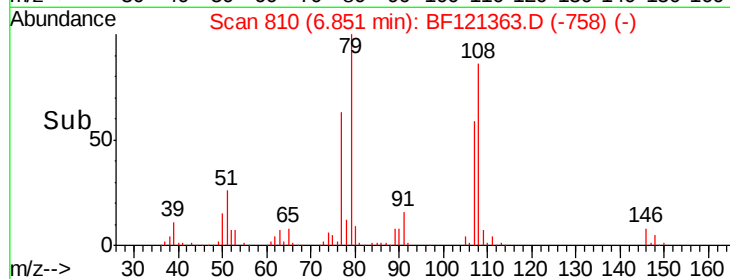
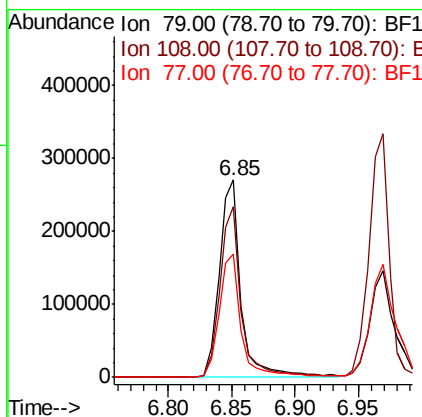
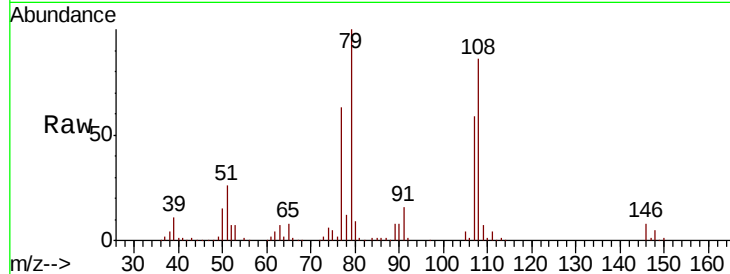
#15
Benzyl Alcohol
Concen: 44.694 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	86.4	65.2	97.8	
77	62.8	51.4	77.0	

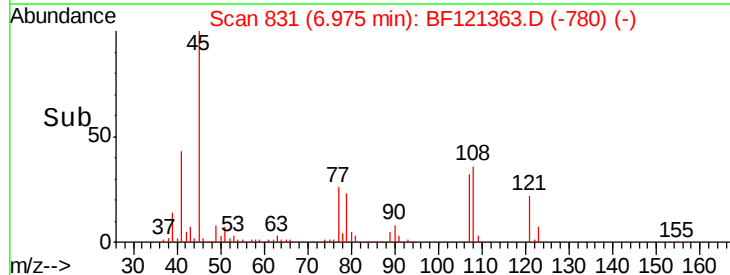
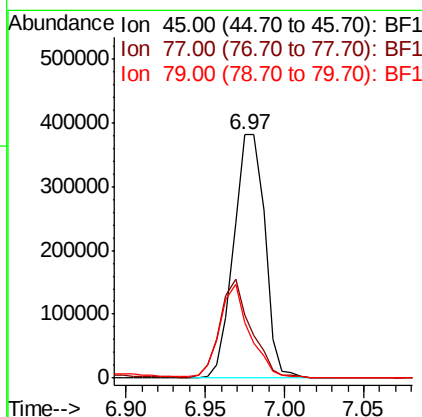
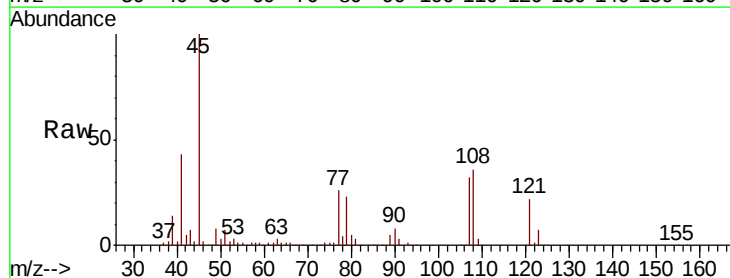
Manual Integrations
APPROVED

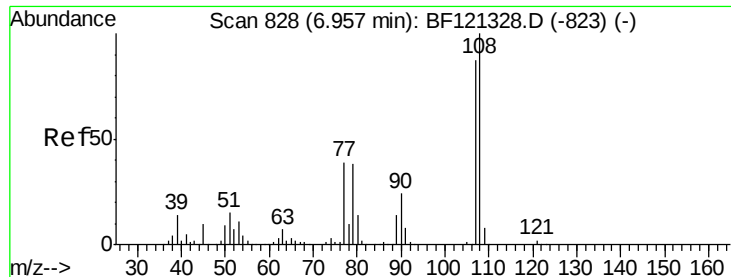
Sohil
8/24/2020 1:50:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.157 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	26.1	0.0	35.6	
79	22.7	0.0	32.5	





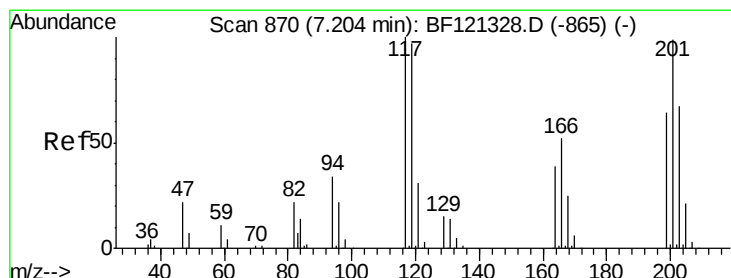
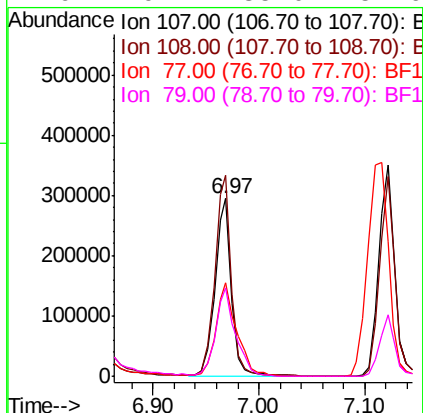
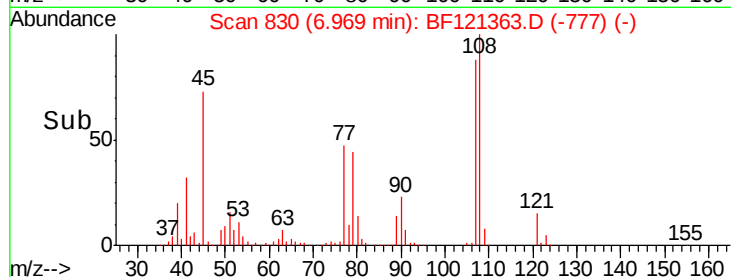
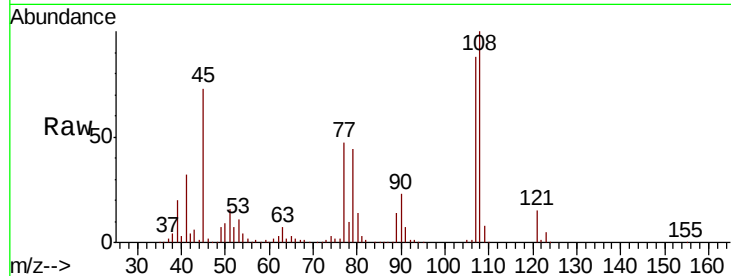
#17
2-Methylphenol
Concen: 39.693 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	92.4	138.6	
77	52.6	36.1	54.1	
79	49.7	35.0	52.6	

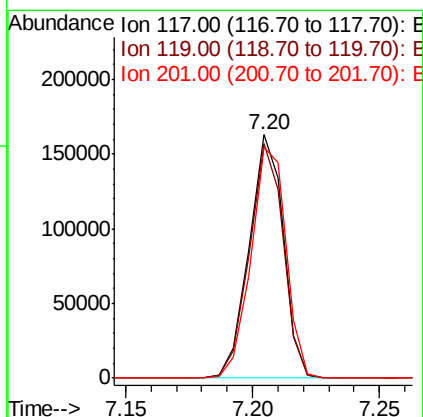
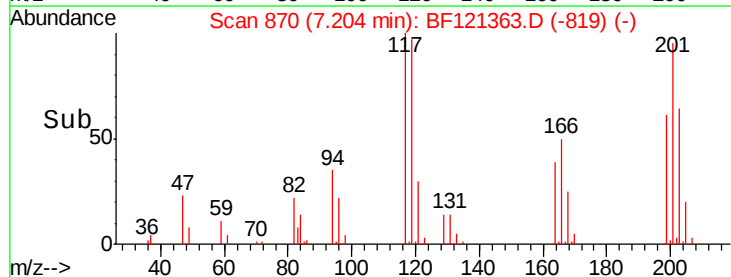
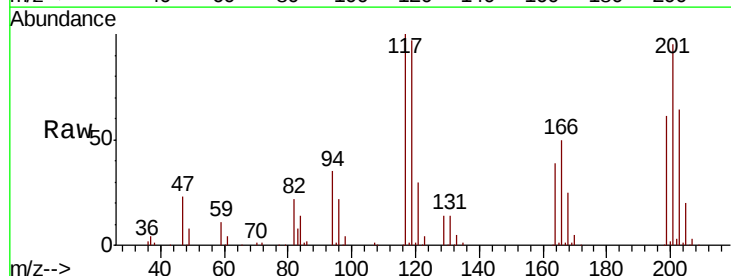
Manual Integrations
APPROVED

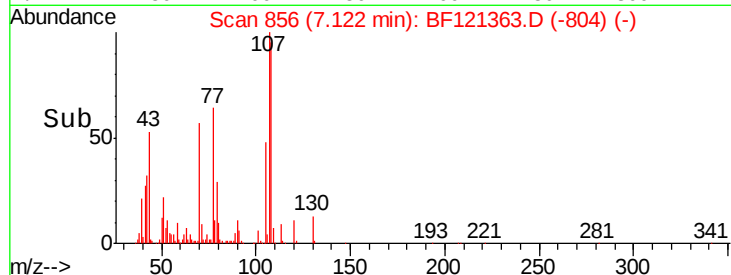
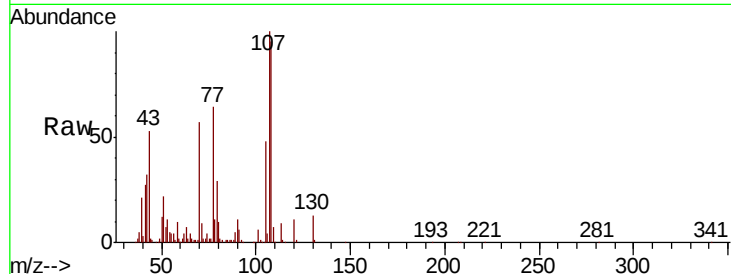
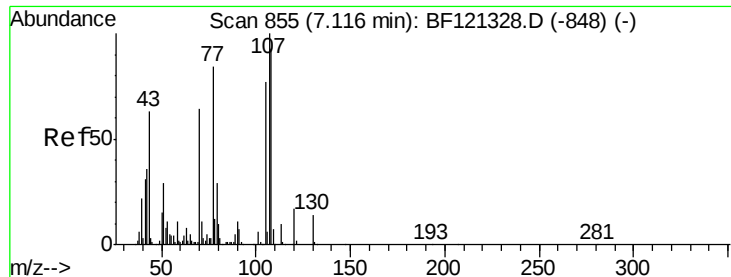
Sohil
8/24/2020 1:50:02 PM



#18
Hexachloroethane
Concen: 36.773 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.9	116.9	
201	95.1	79.4	119.0	





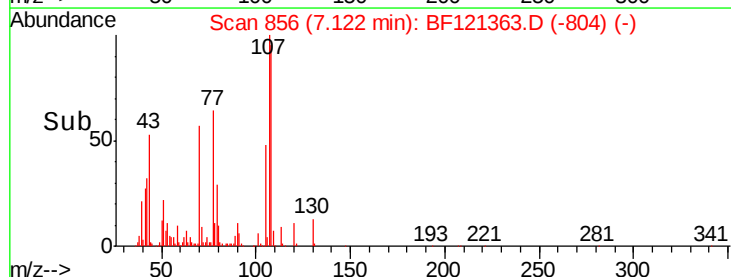
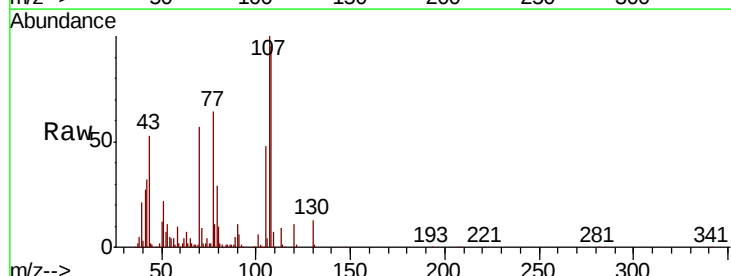
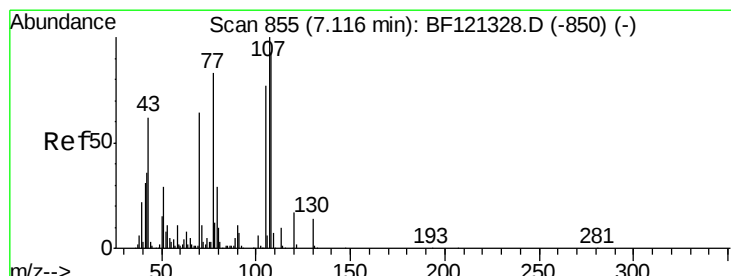
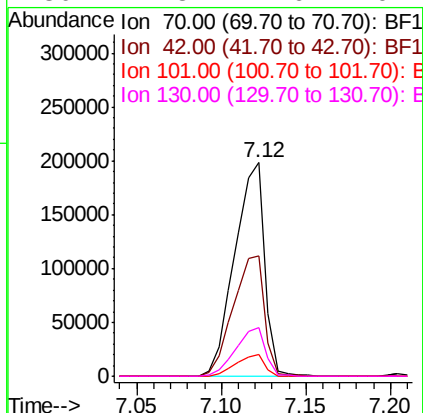
#19
n-Nitroso-di-n-propylamine
Concen: 37.887 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Manual Integrations
APPROVED

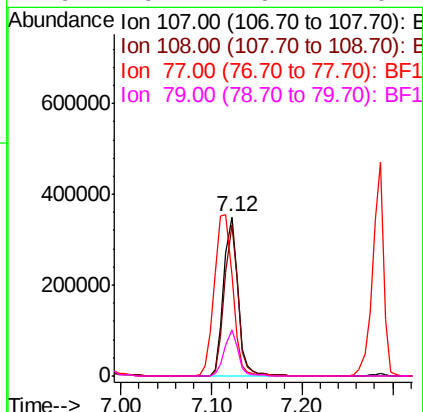
Sohil
8/24/2020 1:50:02 PM

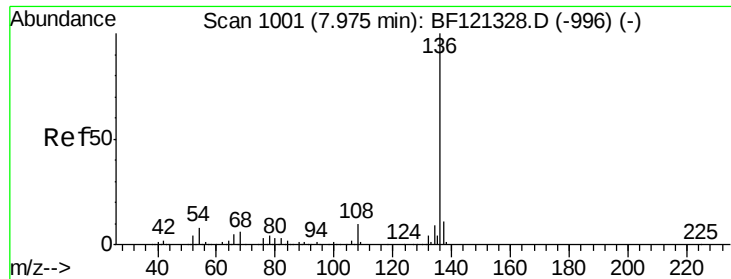
Tot Ion	70	Resp	246043
Ion Ratio	Lower	Upper	
70	100		
42	56.1	45.2	67.8
101	9.9	7.7	11.5
130	22.8	17.6	26.4



#20
3+4-Methylphenols
Concen: 47.426 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	107	Resp	379633
Ion Ratio	Lower	Upper	
107	100		
108	94.5	72.6	112.6
77	63.7	63.8	103.8#
79	29.1	9.1	49.1





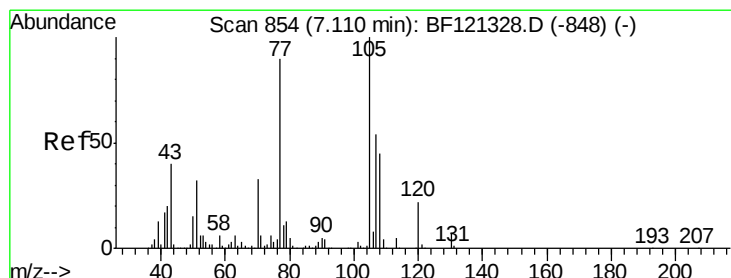
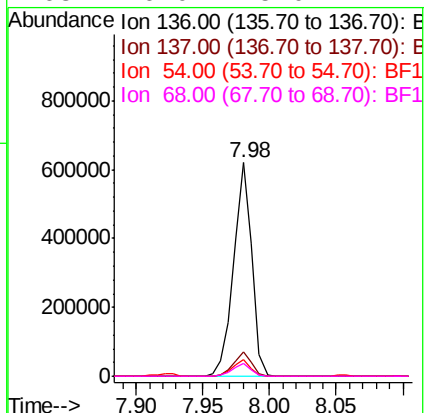
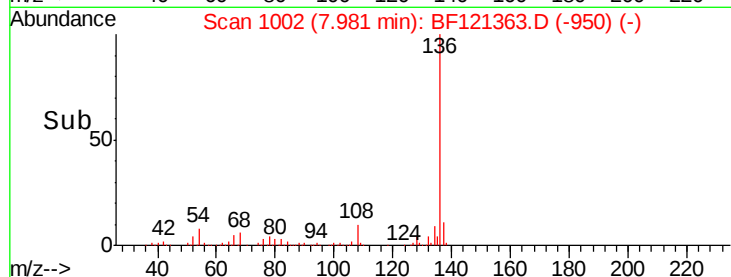
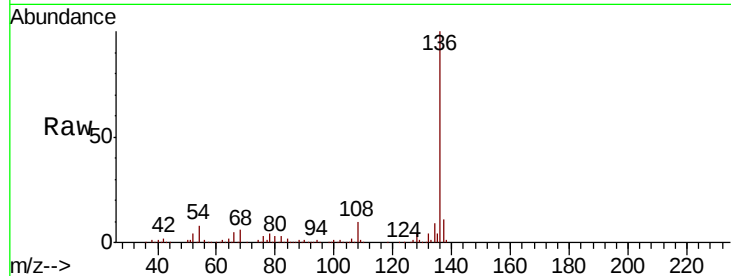
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	594105		
137	11.3	8.9	13.3	
54	7.5	6.1	9.1	
68	6.0	5.0	7.4	

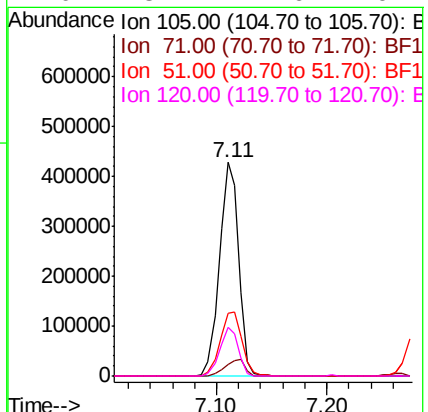
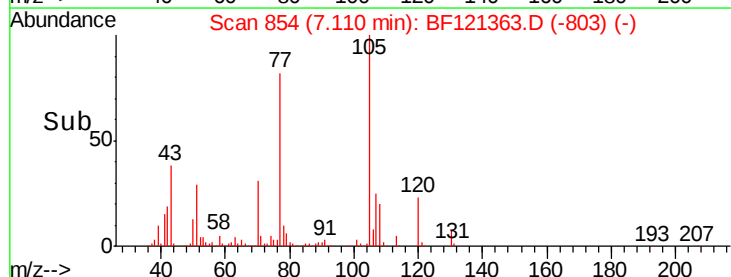
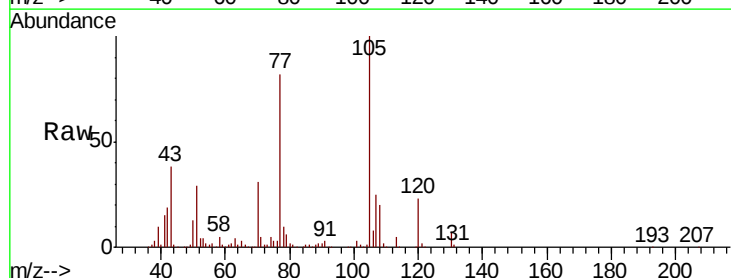
Manual Integrations
APPROVED

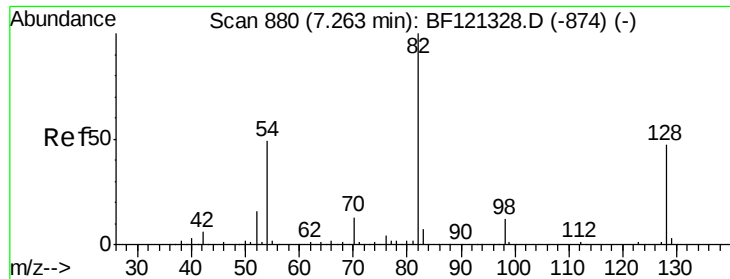
Sohil
8/24/2020 1:50:02 PM



#22
Acetophenone
Concen: 37.303 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	518119		
71	5.1	4.5	6.7	
51	29.3	25.4	38.0	
120	23.1	17.6	26.4	





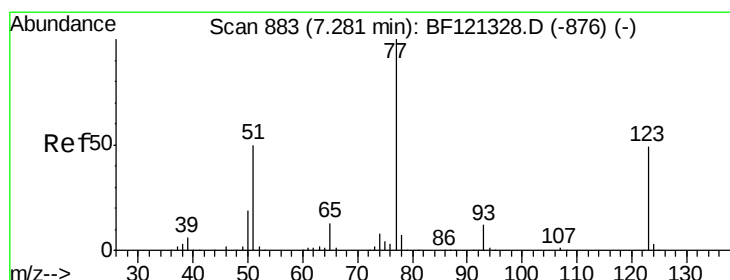
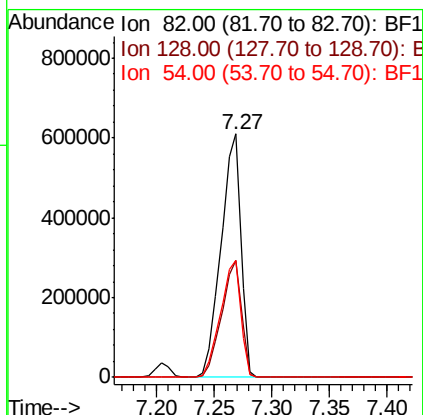
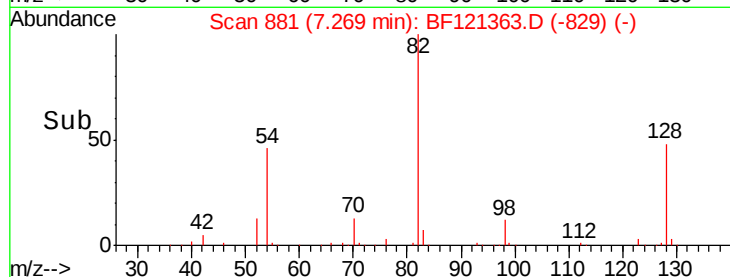
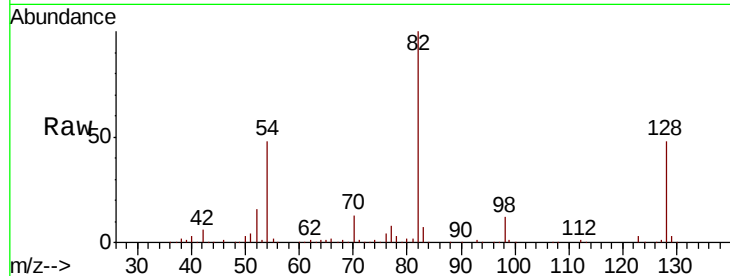
#23
Nitrobenzene-d5
Concen: 69.533 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	37.9	56.9	
54	48.2	39.0	58.4	

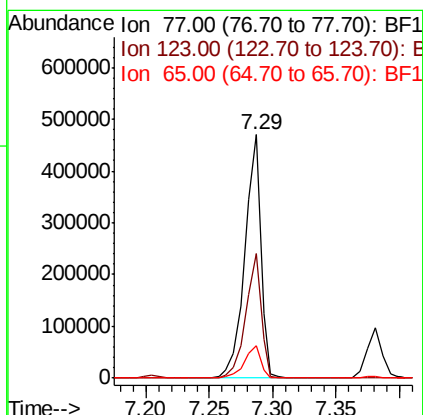
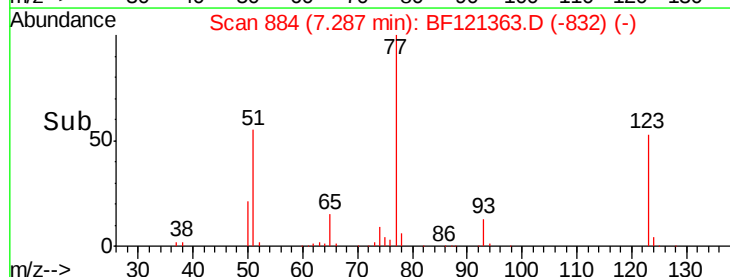
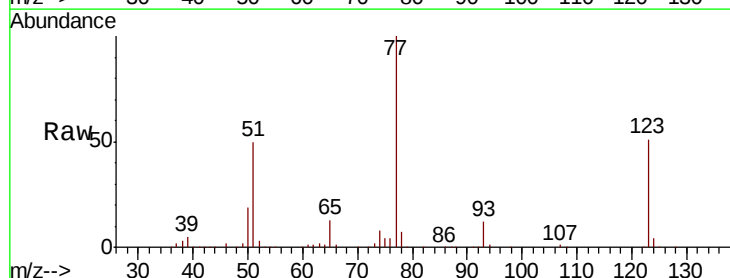
Manual Integrations
APPROVED

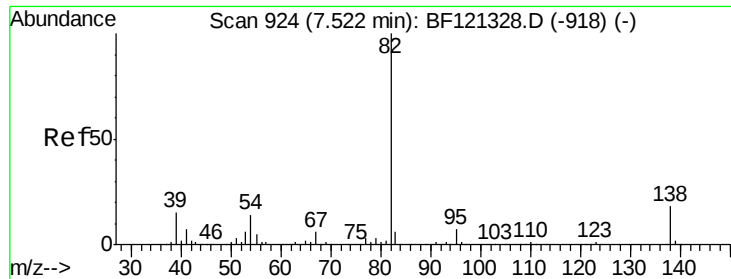
Sohil
8/24/2020 1:50:02 PM



#24
Nitrobenzene
Concen: 38.087 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	39.2	58.8	
65	13.4	10.6	15.8	





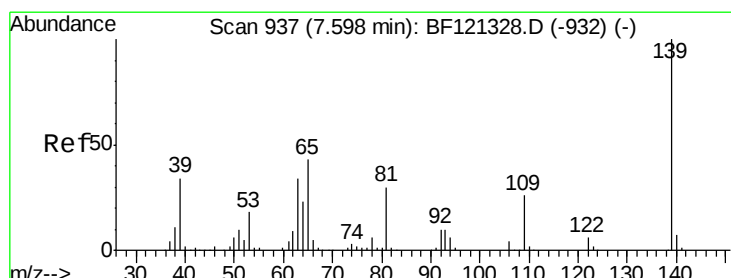
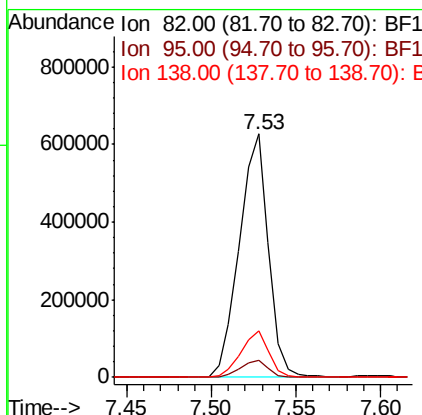
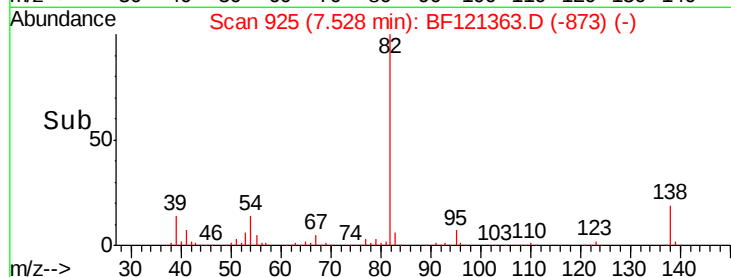
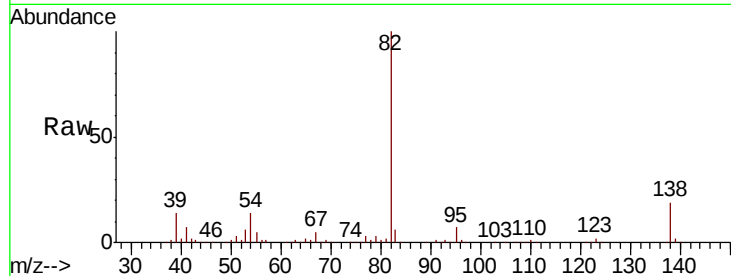
#25
Isophorone
Concen: 39.388 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	752980		
95	6.8		5.3	7.9
138	19.1		14.6	21.8

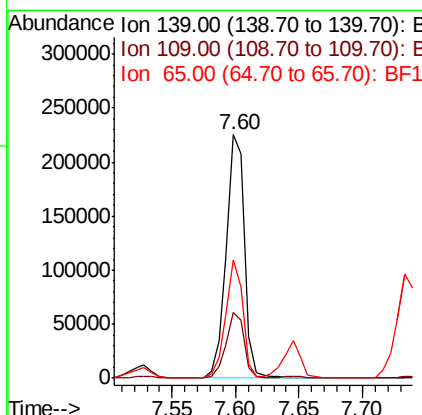
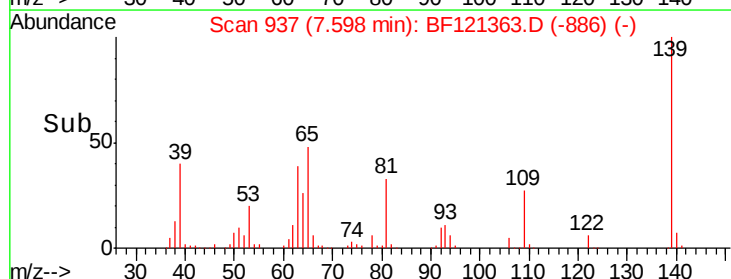
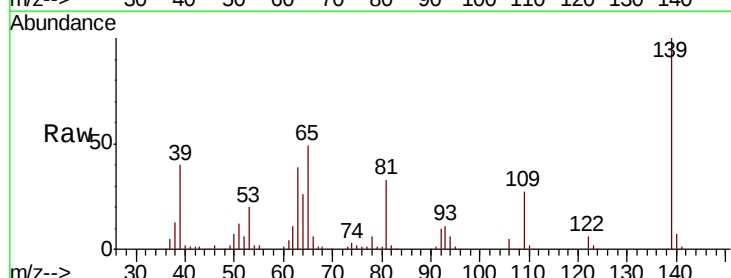
Manual Integrations
APPROVED

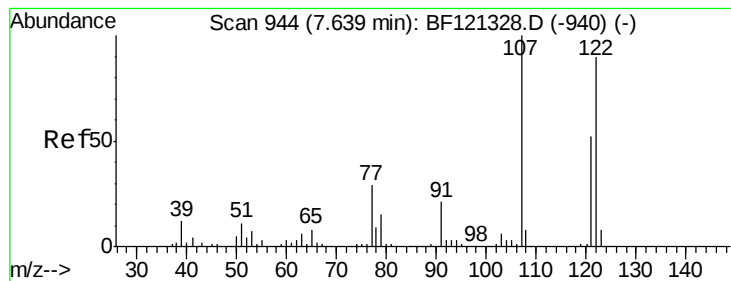
Sohil
8/24/2020 1:50:02 PM



#26
2-Nitrophenol
Concen: 40.897 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	224565		
109	26.8		21.1	31.7
65	48.6		34.5	51.7





#27

2,4-Dimethylphenol

Concen: 45.211 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

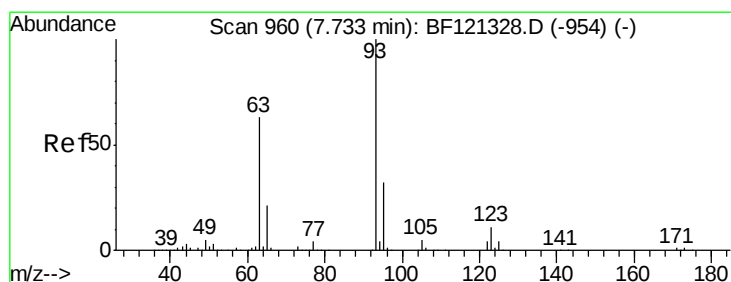
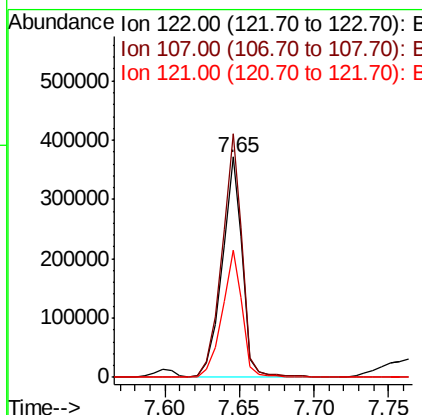
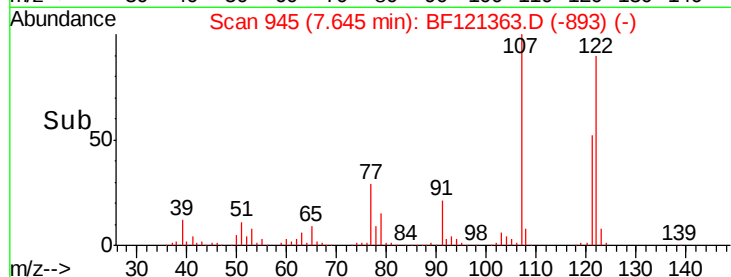
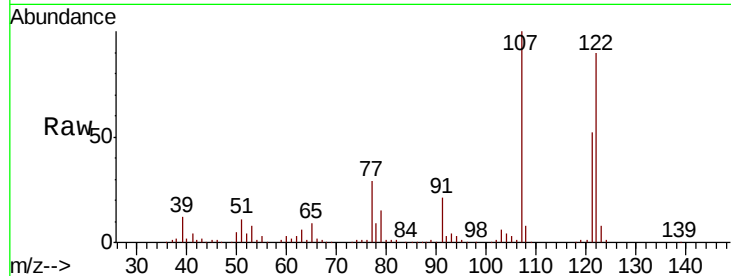
ClientSampled :

PB130970BSD

Tot Ion:	122	Resp:	354236
Ion Ratio	Lower	Upper	
122	100		
107	110.5	89.0	133.4
121	57.5	46.4	69.6

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.987 ng

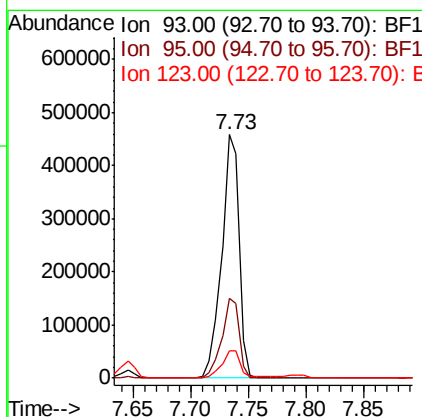
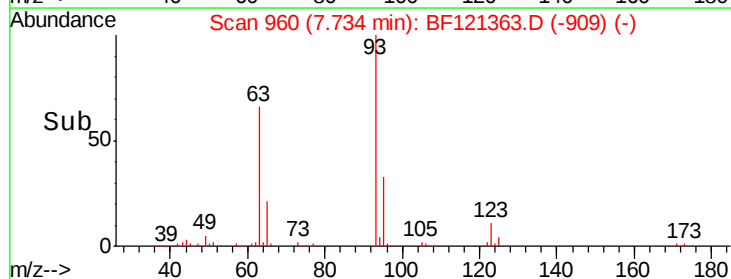
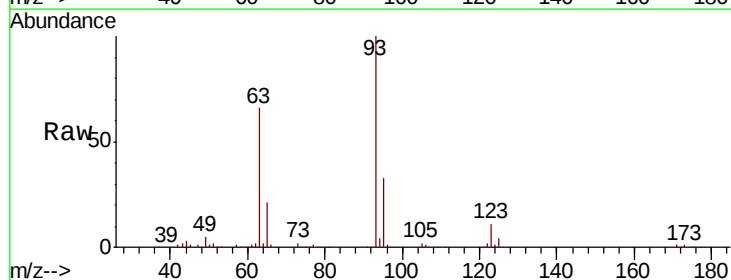
RT: 7.73 min Scan# 960

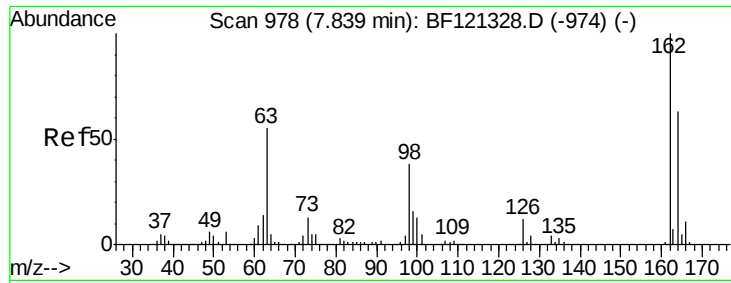
Delta R.T. 0.00 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Tgt Ion:	93	Resp:	481334
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.8	38.8
123	11.2	9.0	13.6





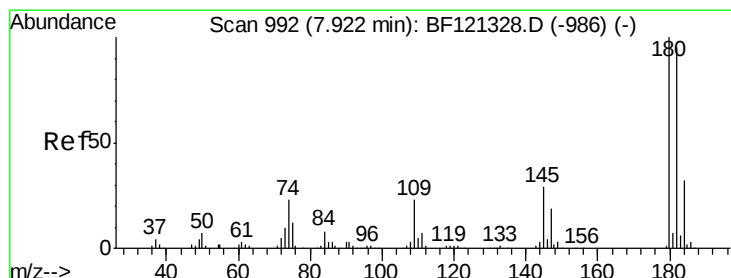
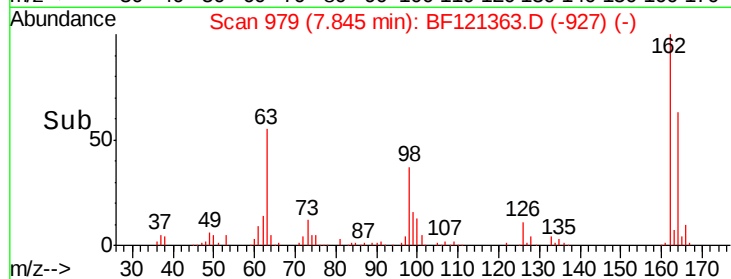
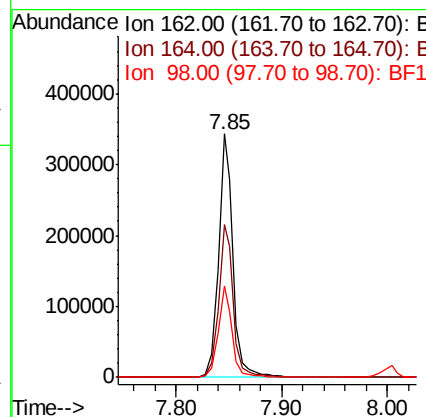
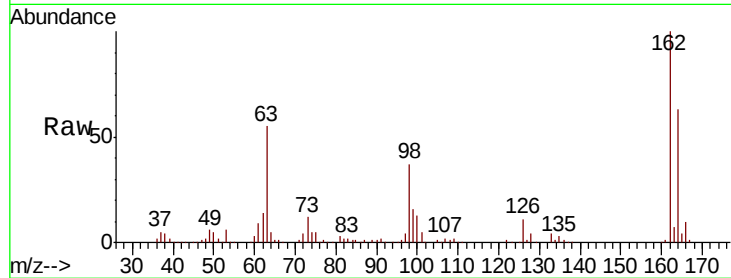
#29
2,4-Dichlorophenol
Concen: 38.728 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		331291		
164	62.9	43.4	83.4		
98	37.5	18.1	58.1		

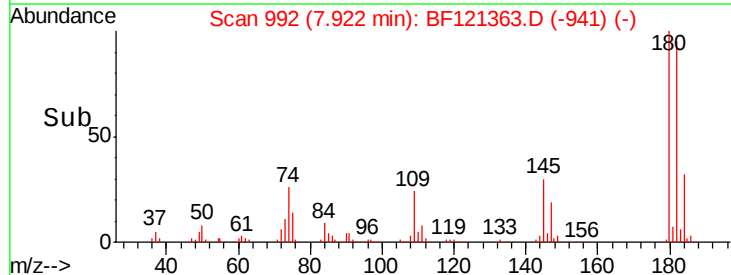
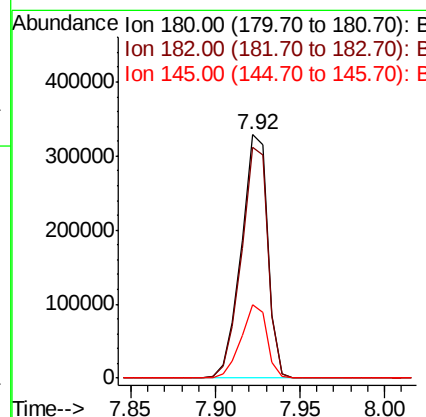
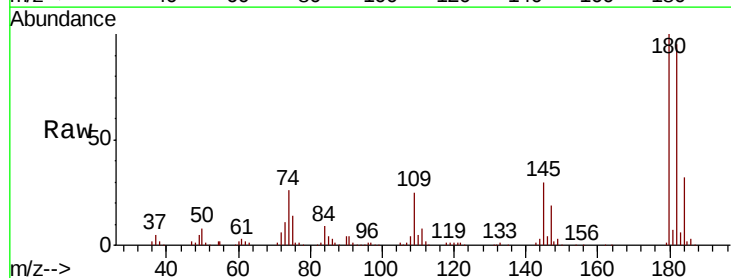
Manual Integrations
APPROVED

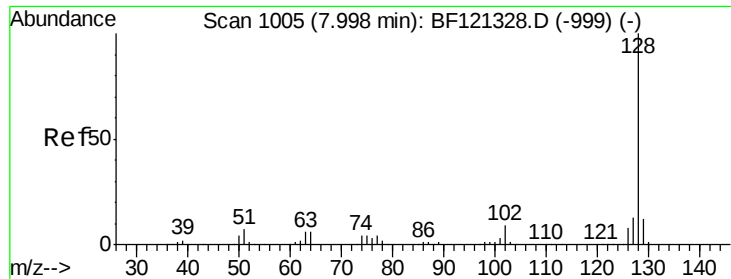
Sohil
8/24/2020 1:50:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.736 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		359358		
182	95.1	75.9	113.9		
145	30.1	23.2	34.8		





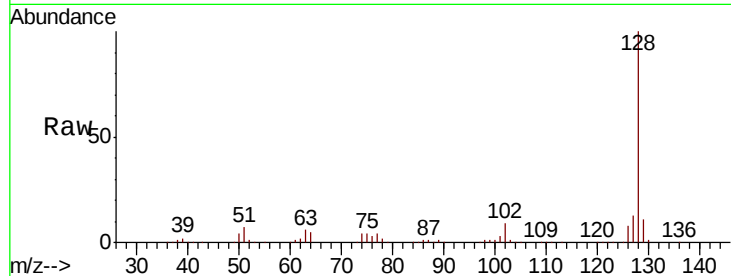
#31
Naphthalene
Concen: 37.583 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

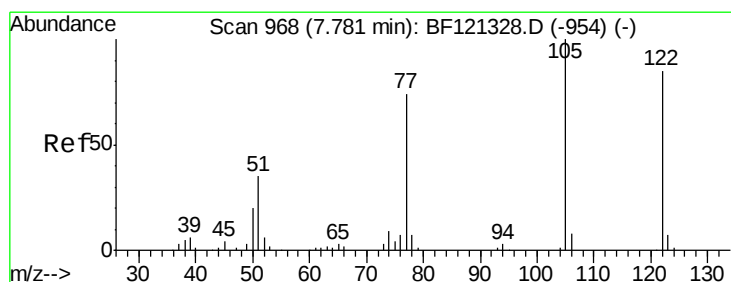
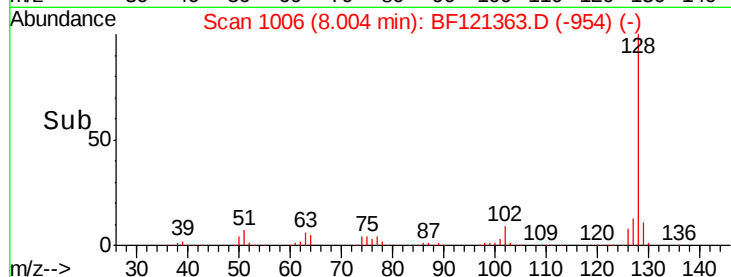
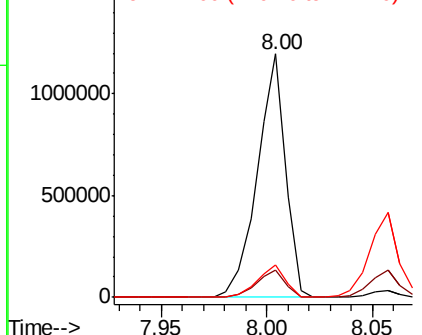
Tot Ion:128 Resp: 1111270
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.6 16.0

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

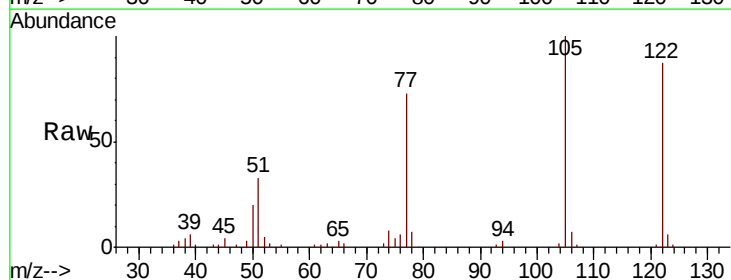


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

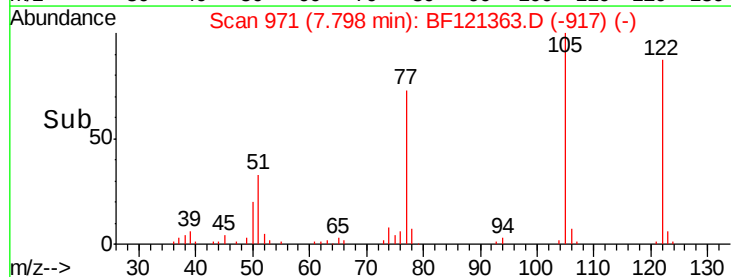
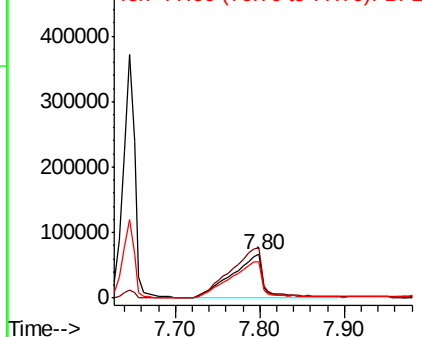


#32
Benzoic acid
Concen: 31.478 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.02 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion:122 Resp: 175358
Ion Ratio Lower Upper
122 100
105 115.0 96.7 136.7
77 83.9 66.7 106.7



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





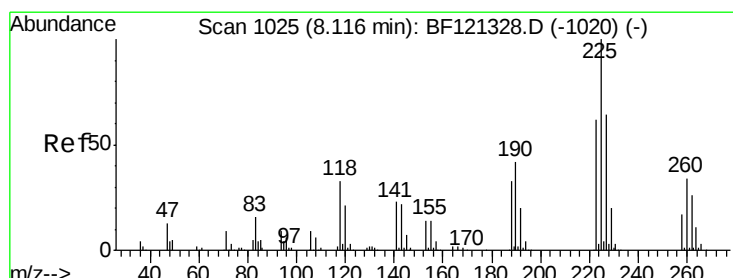
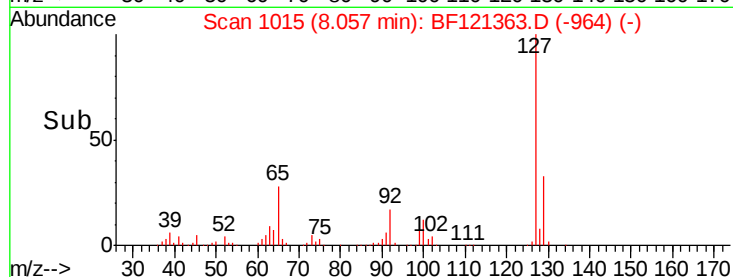
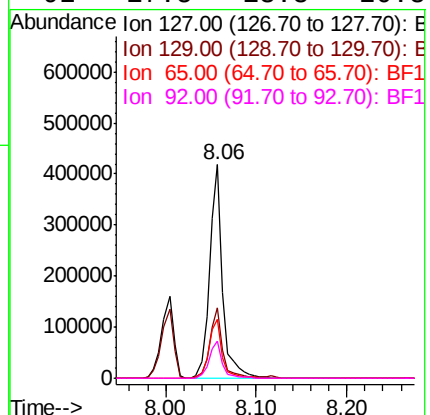
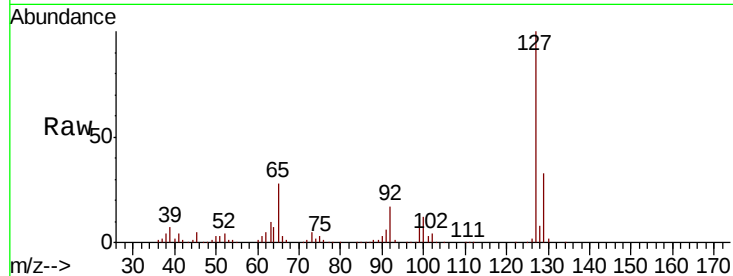
#33
4-Chloroaniline
Concen: 32.274 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		422566		
129	32.8	25.7	38.5		
65	27.8	20.9	31.3		
92	17.5	13.8	20.8		

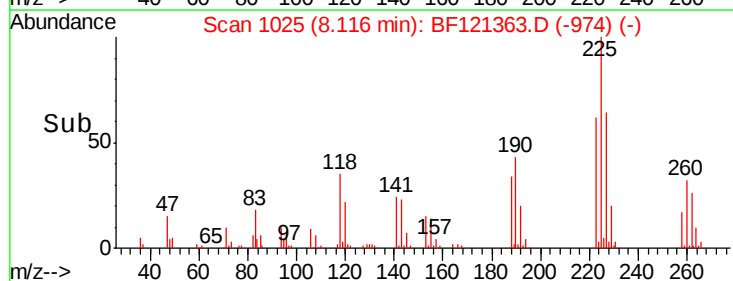
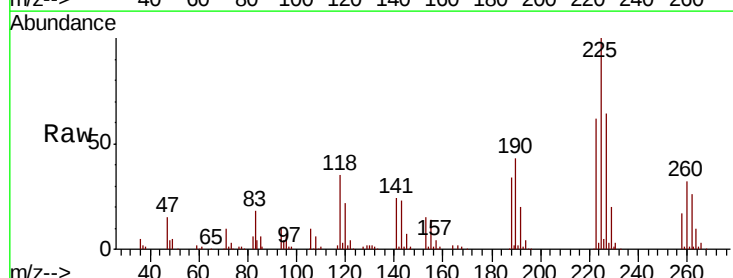
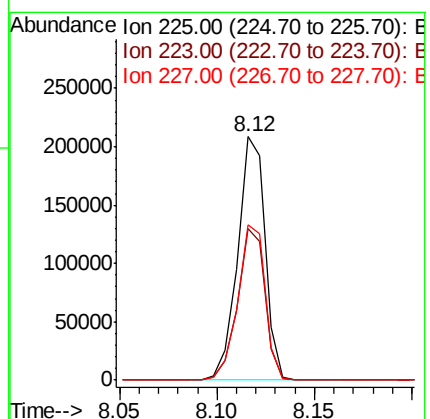
Manual Integrations
APPROVED

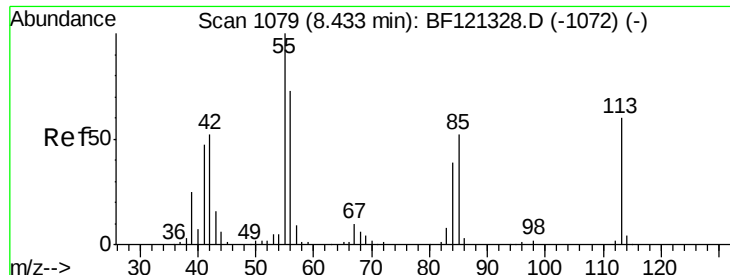
Sohil
8/24/2020 1:50:02 PM



#34
Hexachlorobutadiene
Concen: 35.067 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		203010		
223	62.0	49.7	74.5		
227	63.8	50.9	76.3		





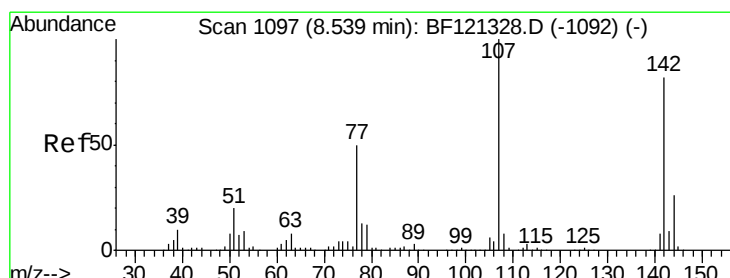
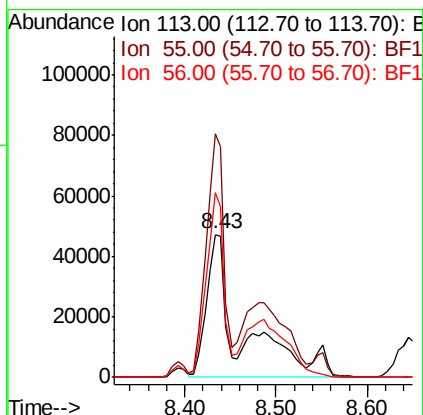
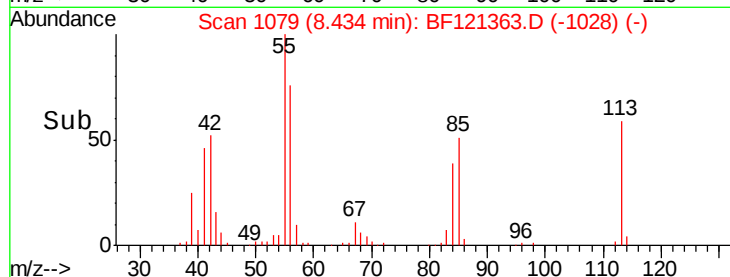
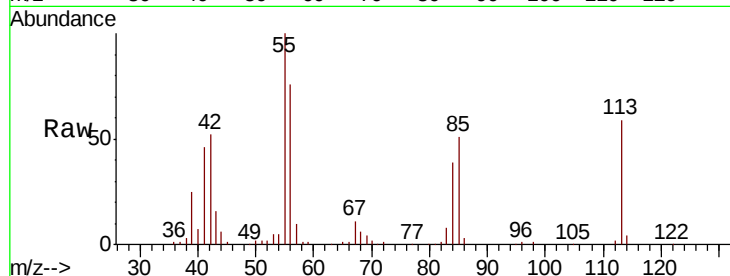
#35
 Caprolactam
 Concen: 44.222 ng/ml
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleID :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.3	147.9	187.9
56	129.2	102.4	142.4

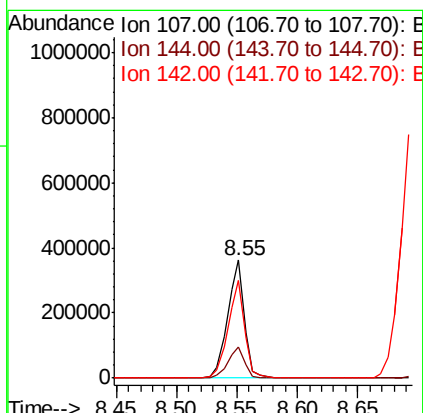
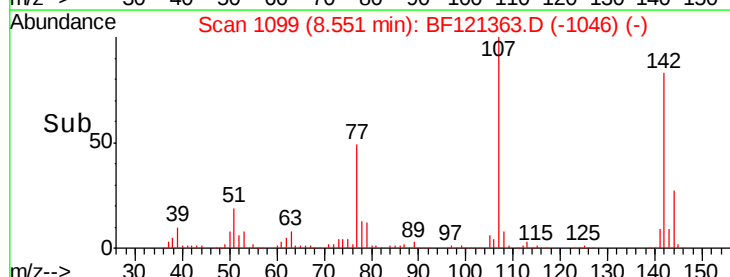
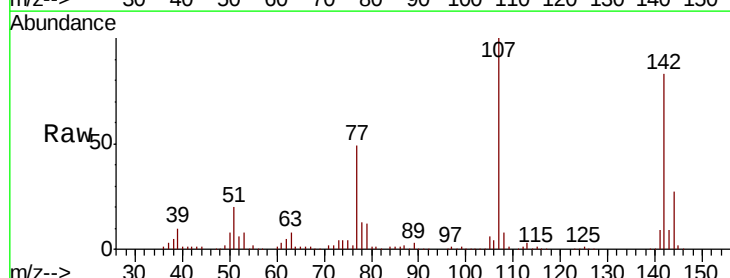
Manual Integrations
 APPROVED

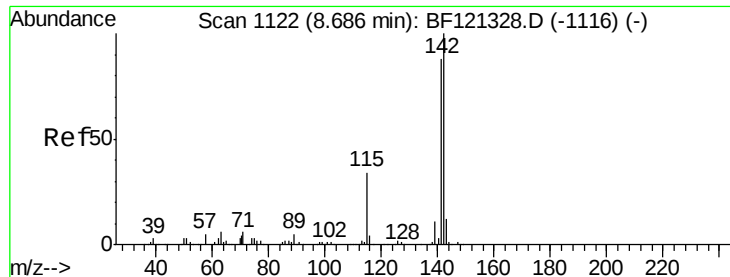
Sohil
 8/24/2020 1:50:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.306 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.1	31.7
142	82.9	65.6	98.4





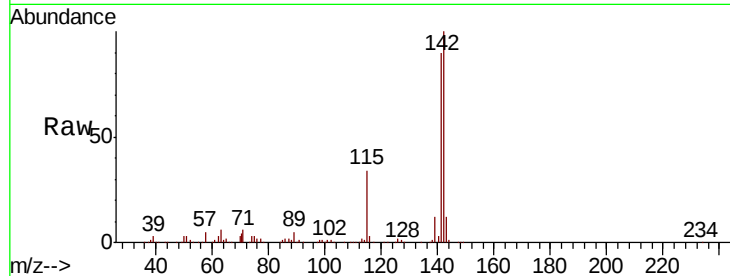
#37
2-Methylnaphthalene
Concen: 39.126 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	749839		
141	89.6	70.3	105.5	
115	34.1	26.9	40.3	

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

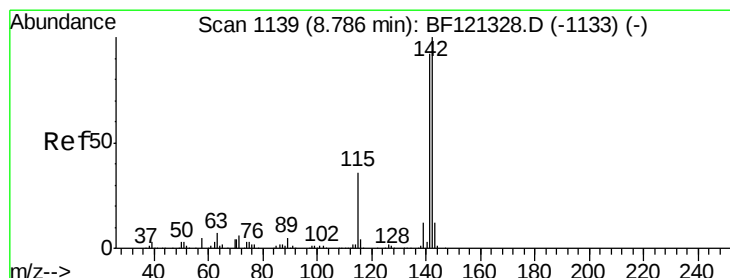
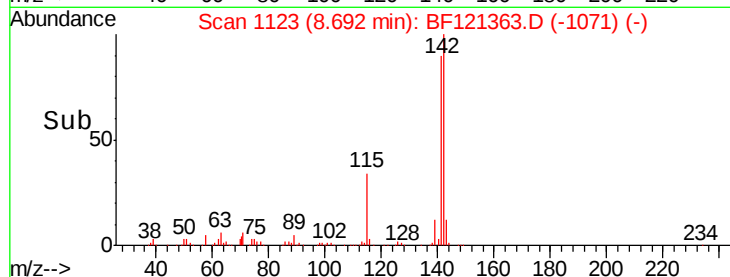
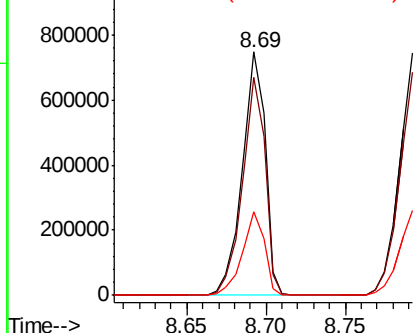


Abundance

Ion 142.00 (141.70 to 142.70): E

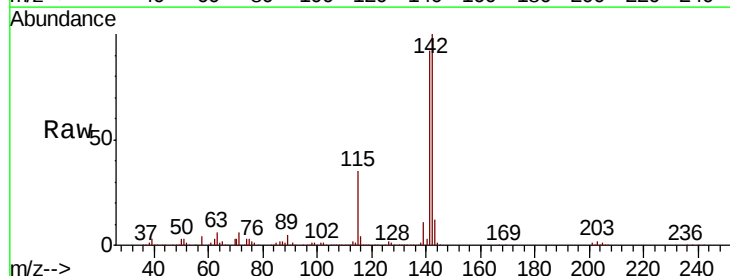
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.447 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	700601		
141	92.0	73.6	110.4	
116	3.6	3.0	4.4	

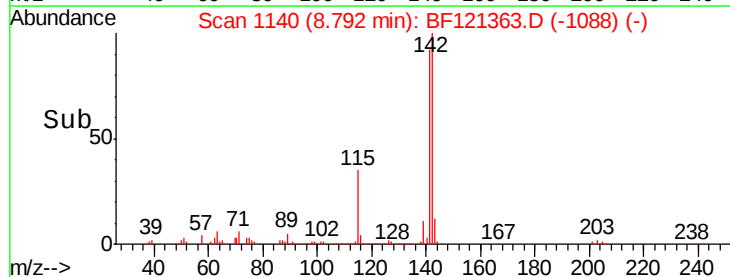
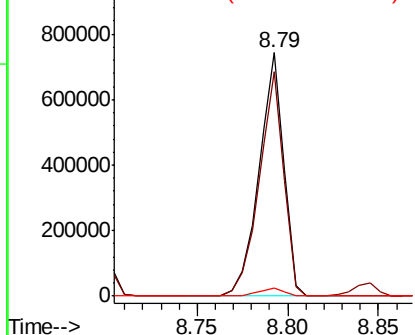


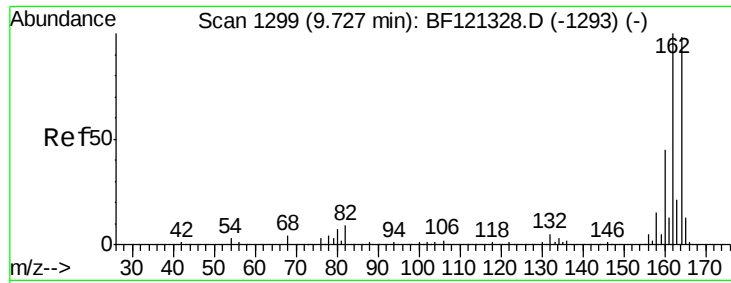
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





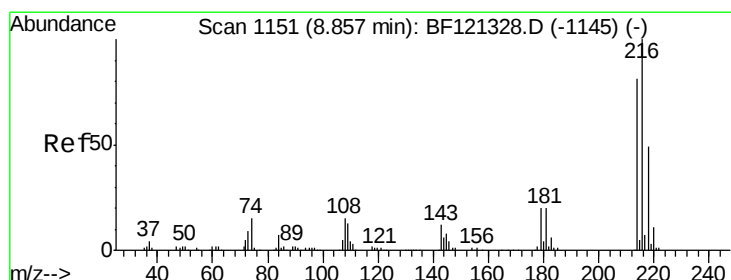
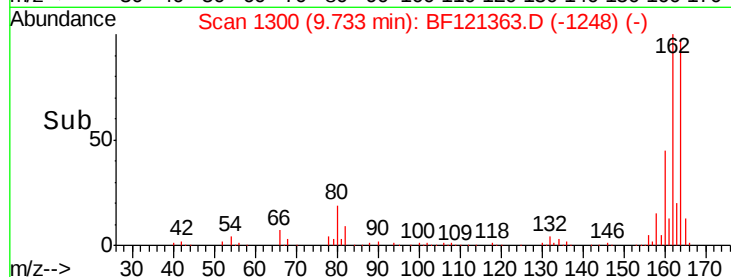
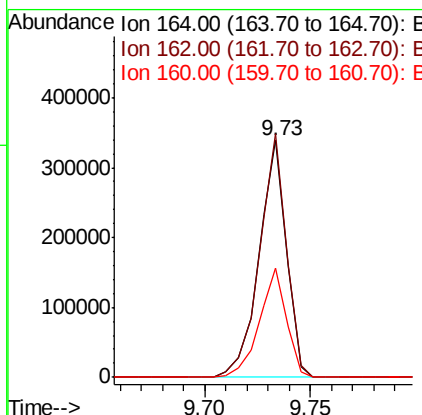
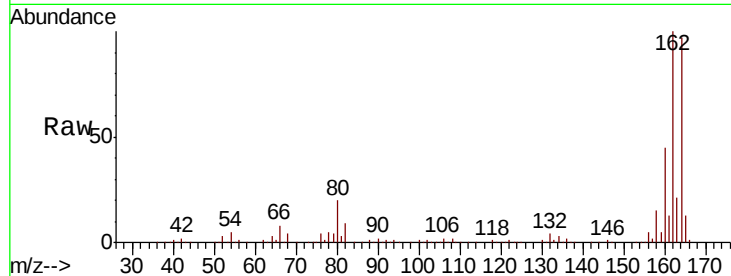
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	81.7	122.5	
160	46.2	37.0	55.4	

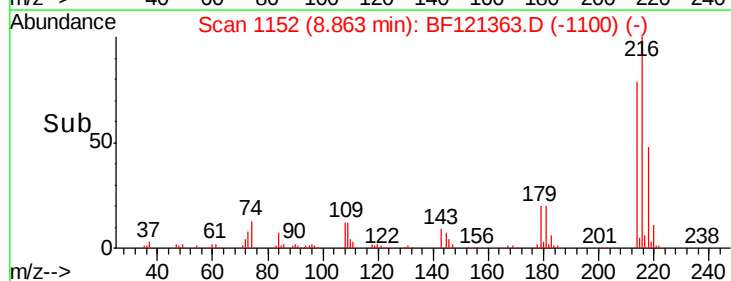
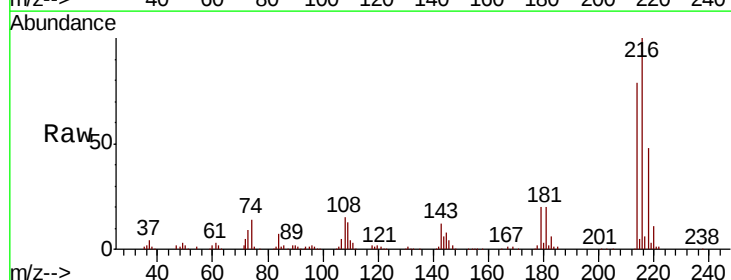
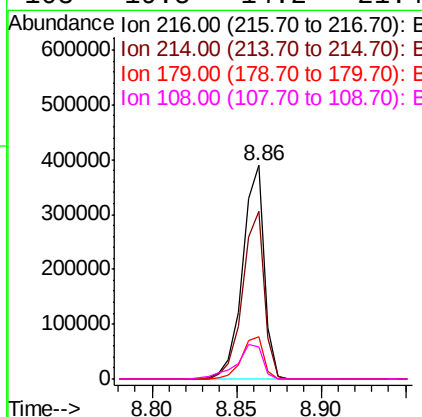
Manual Integrations
APPROVED

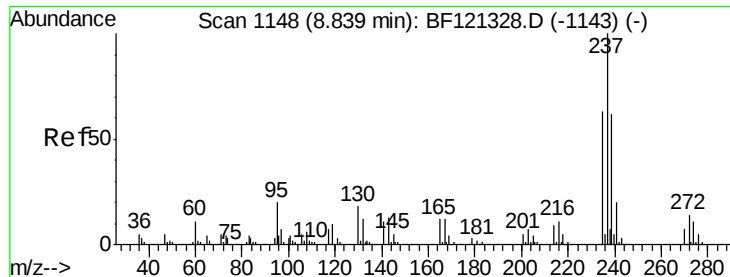
Sohil
8/24/2020 1:50:02 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.459 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	64.2	96.2	
179	20.2	16.4	24.6	
108	19.5	14.2	21.4	





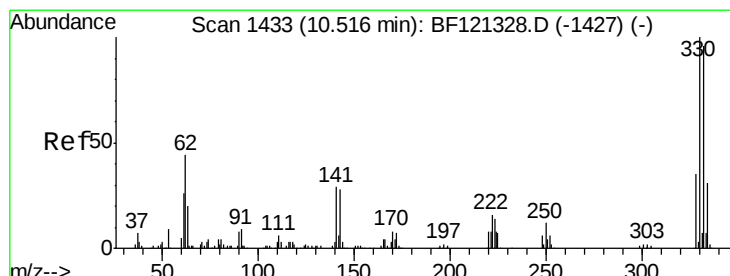
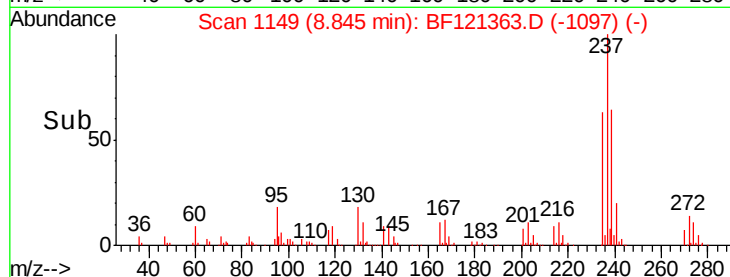
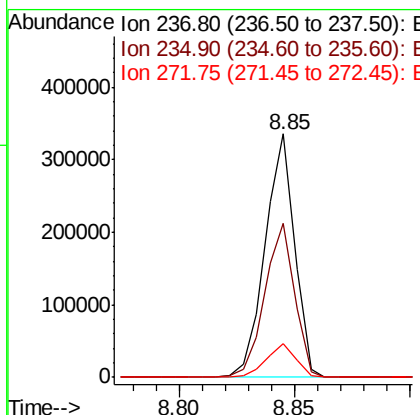
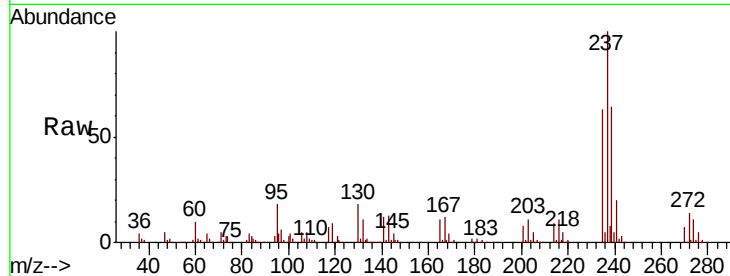
#41
Hexachlorocyclopentadiene
Concen: 82.921 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	298996		
235	63.3	42.7	82.7	
272	13.9	0.0	33.7	

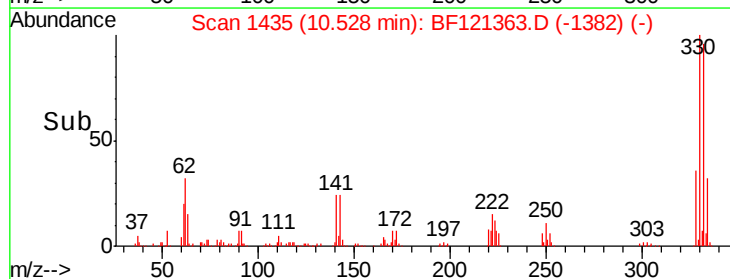
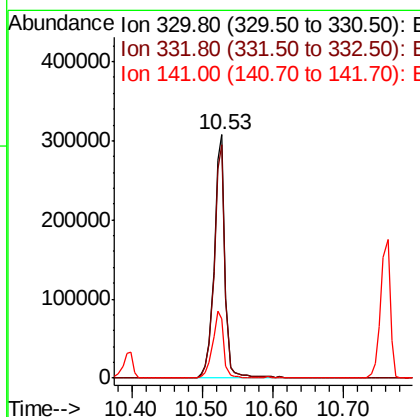
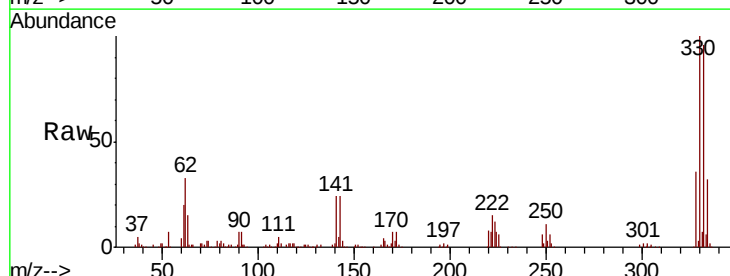
Manual Integrations
APPROVED

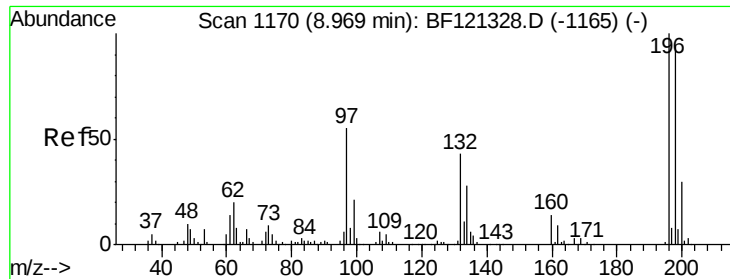
Sohil
8/24/2020 1:50:02 PM



#42
2,4,6-Tribromophenol
Concen: 93.476 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	333163		
332	96.4	76.9	115.3	
141	28.3	22.8	34.2	





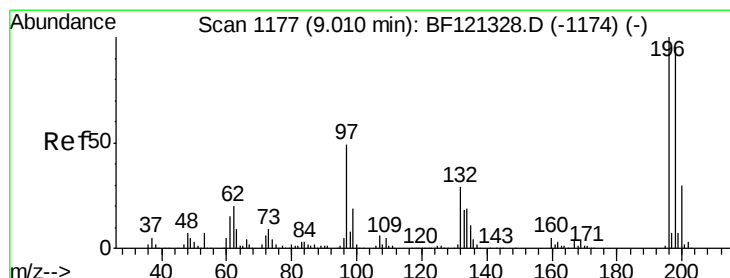
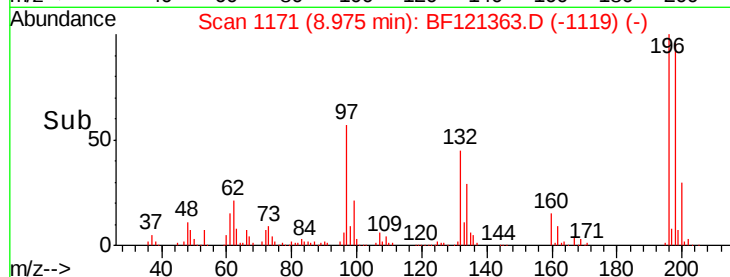
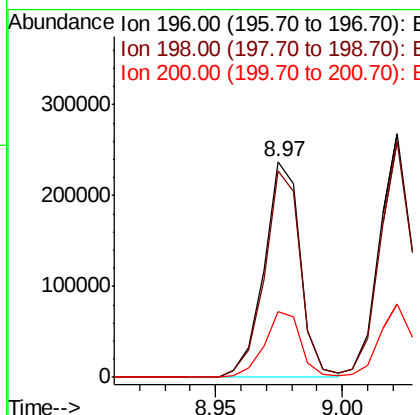
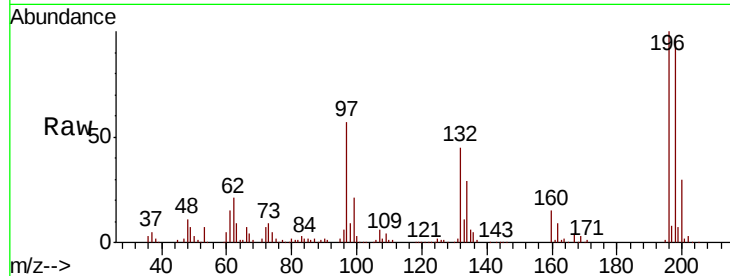
#43
 2,4,6-Trichlorophenol
 Concen: 38.285 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237596		
198	95.7	75.6	113.4	
200	30.3	24.2	36.2	

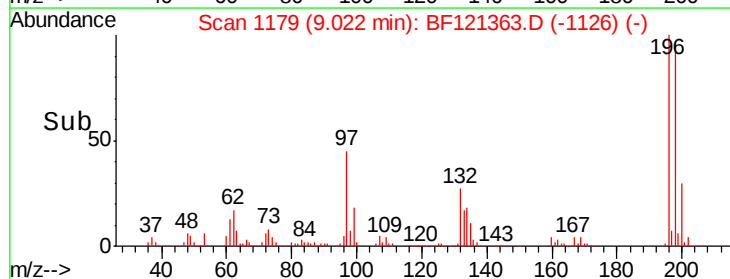
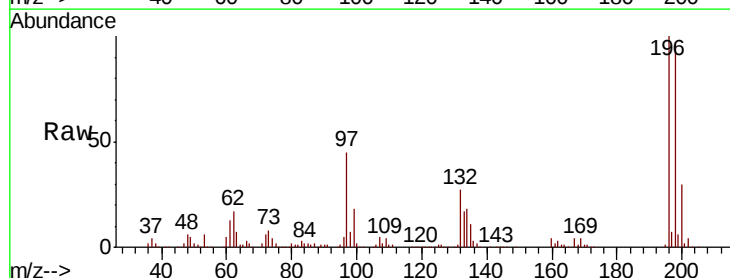
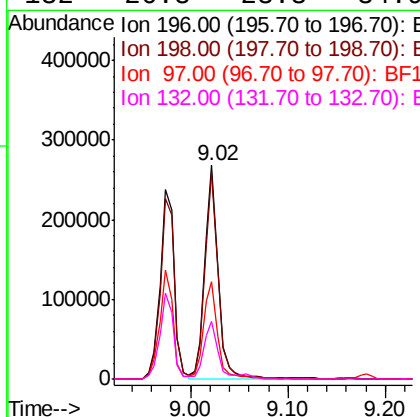
Manual Integrations
 APPROVED

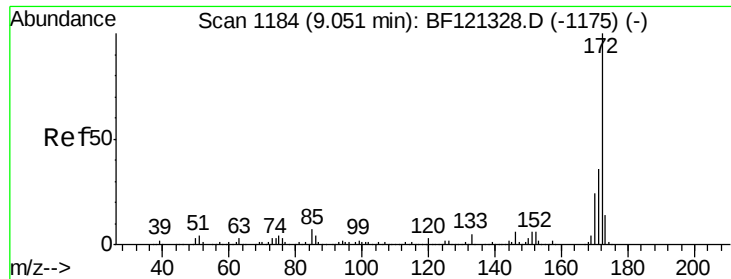
Sohil
 8/24/2020 1:50:02 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.065 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255811		
198	96.7	75.6	113.4	
97	45.4	39.6	59.4	
132	26.8	23.3	34.9	





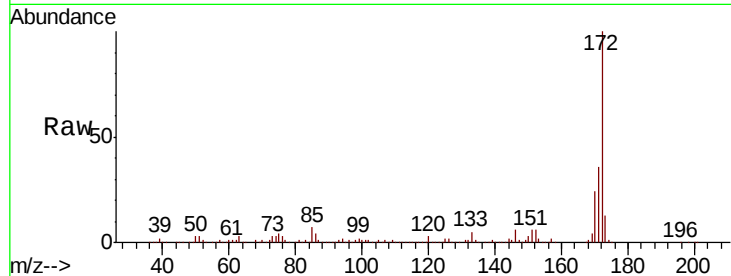
#45
2-Fluorobiphenyl
Concen: 79.729 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.0	43.6	
170	24.3	19.4	29.2	

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

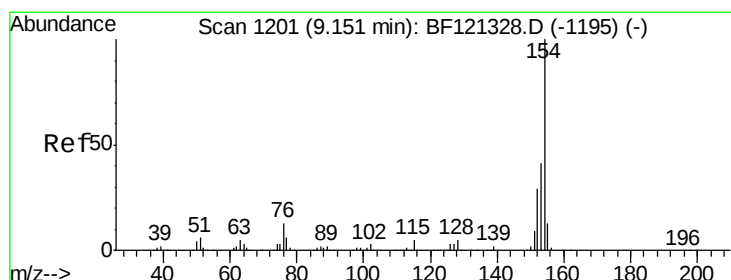
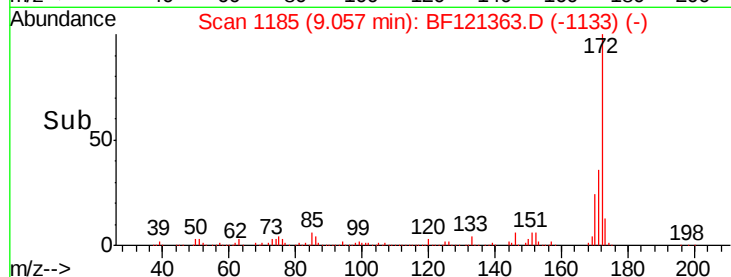
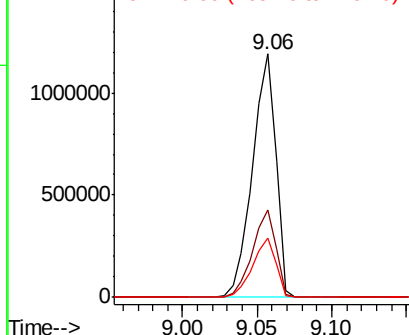


Abundance

Ion 172.00 (171.70 to 172.70): E

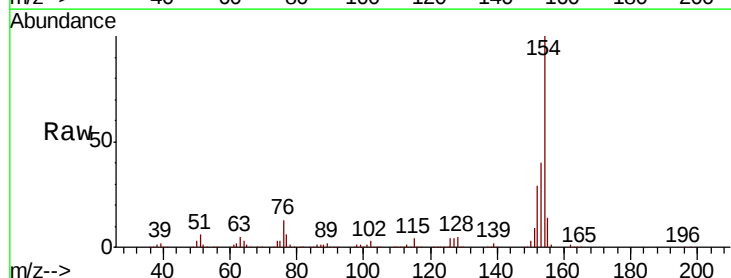
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.014 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.3	20.8	60.8	
76	12.8	0.0	33.1	

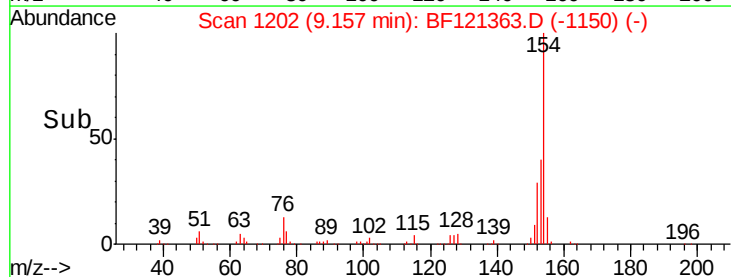
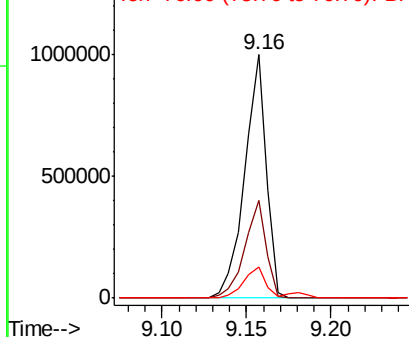


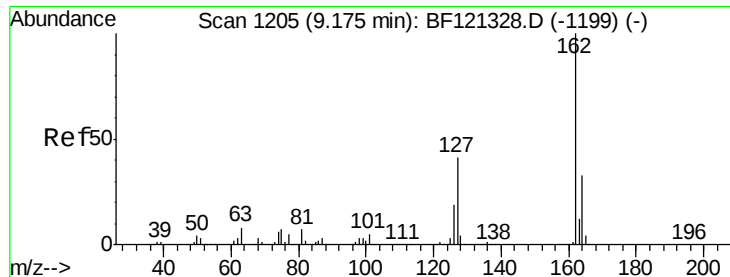
Abundance

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





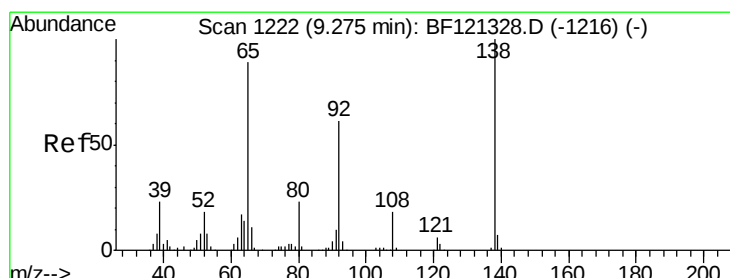
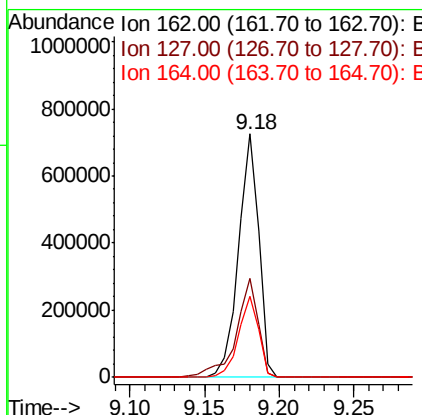
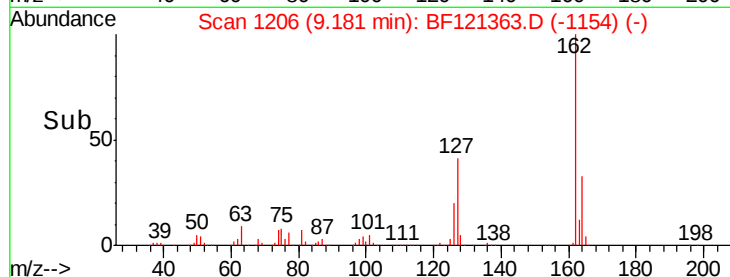
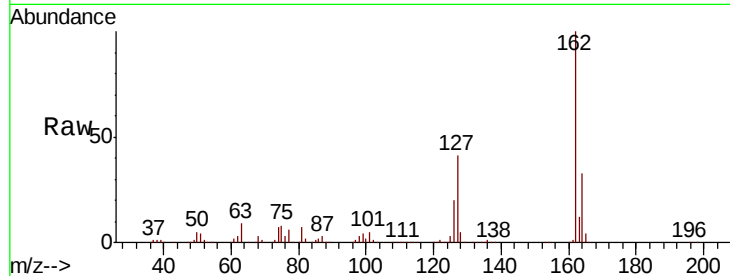
#47
 2-Chloronaphthalene
 Concen: 36.479 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.7		33.1	49.7	
164	33.1		26.5	39.7	

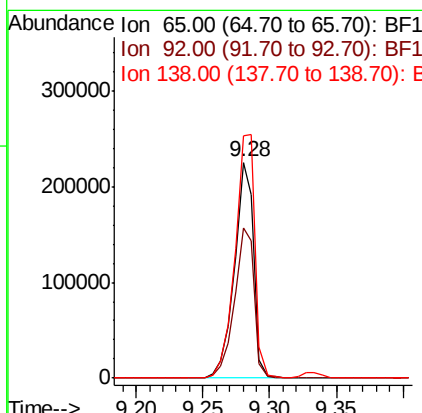
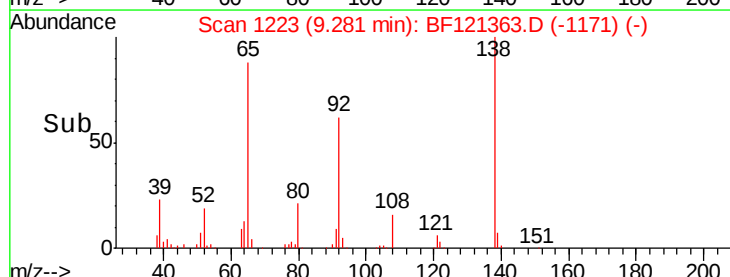
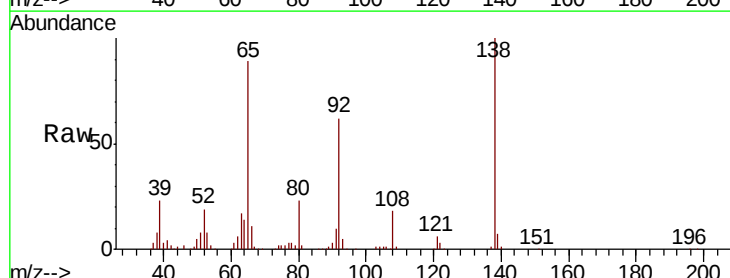
Manual Integrations
 APPROVED

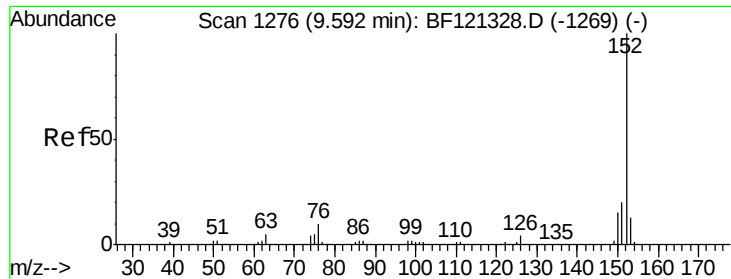
Sohil
 8/24/2020 1:50:02 PM



#48
 2-Nitroaniline
 Concen: 38.422 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.3		54.9	82.3	
138	112.5		89.5	134.3	





#49

Acenaphthylene

Concen: 39.607 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

ClientSampled :

PB130970BSD

Tot Ion:152 Resp: 1111068

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

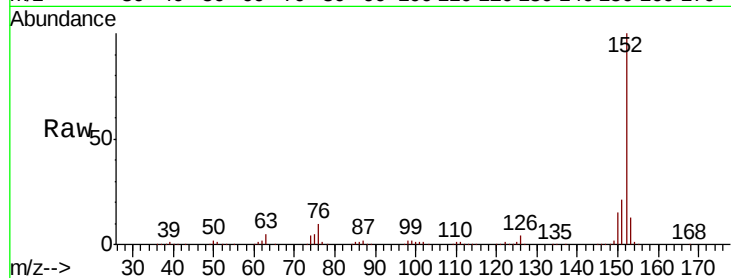
153 13.3 10.6 16.0

Manual Integrations

APPROVED

Sohil

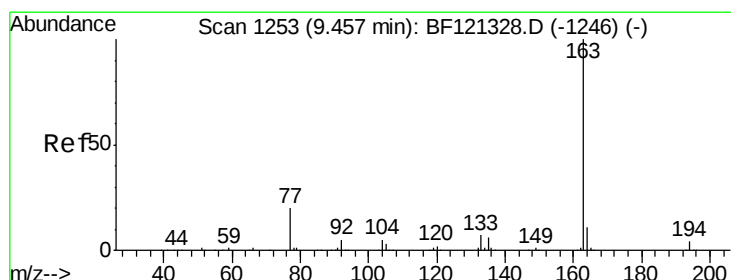
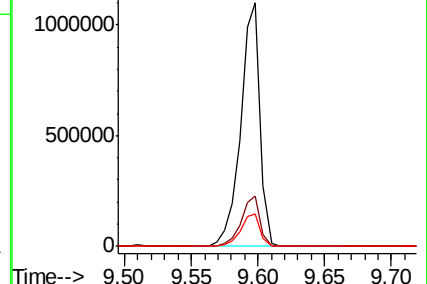
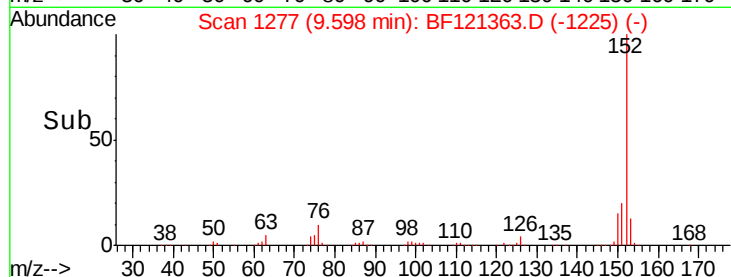
8/24/2020 1:50:02 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.223 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

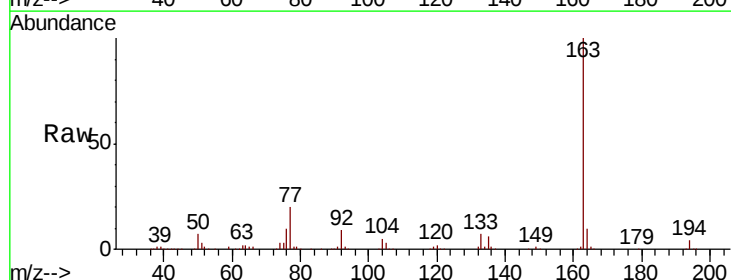
Tgt Ion:163 Resp: 850522

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

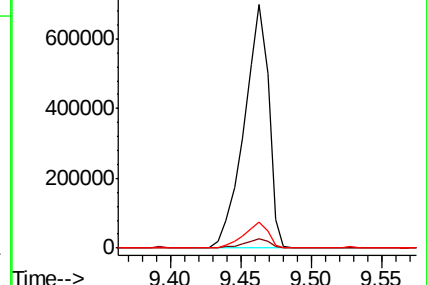
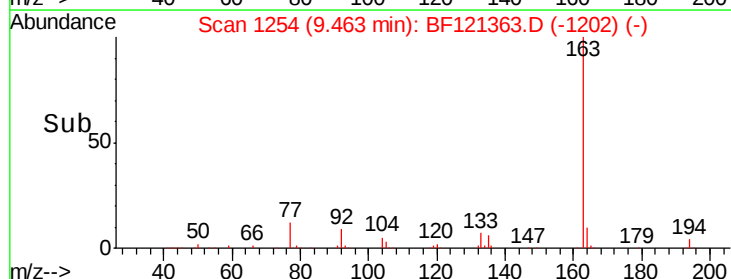
164 10.5 8.4 12.6

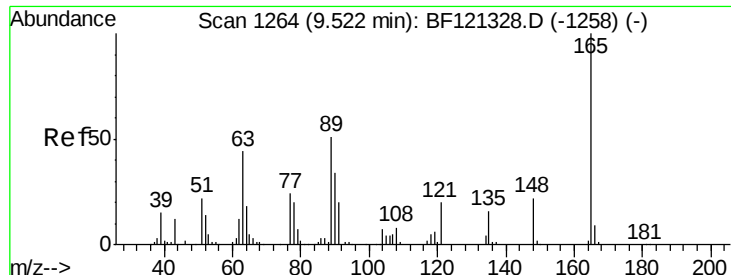


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.199 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

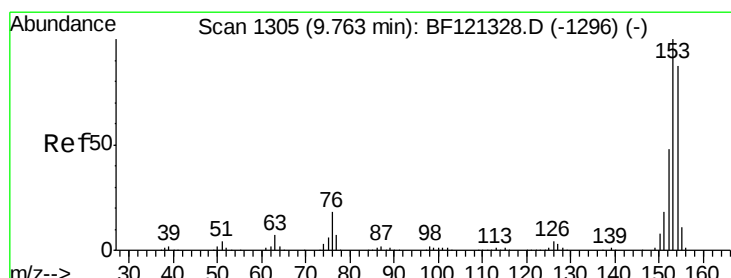
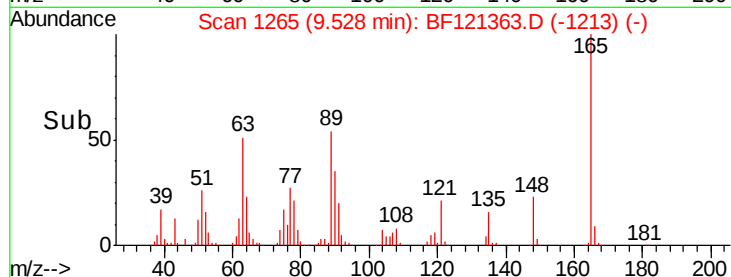
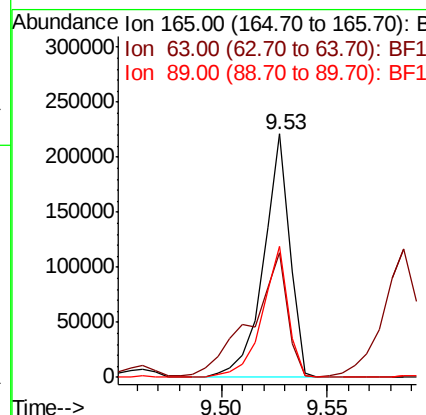
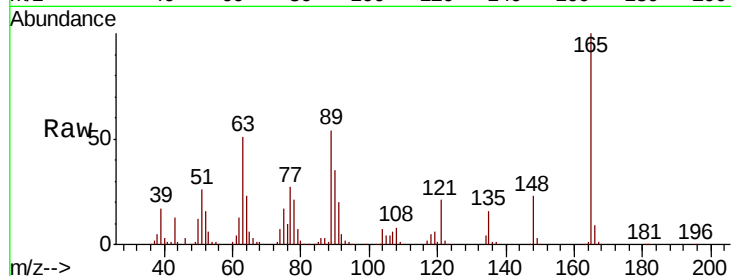
ClientSampleId :

PB130970BSD

Tot Ion:	165	Resp:	191033
Ion Ratio	Lower	Upper	
165	100		
63	51.2	38.5	57.7
89	53.9	41.2	61.8

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM



#52

Acenaphthene

Concen: 38.071 ng

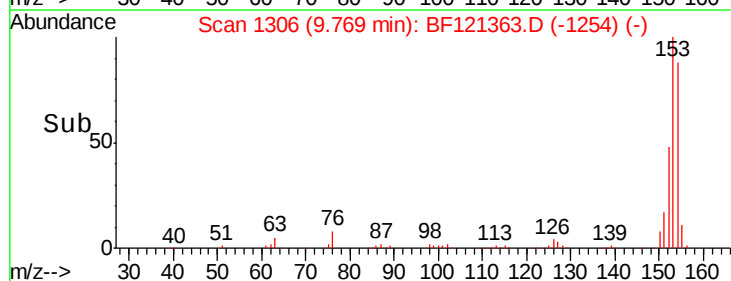
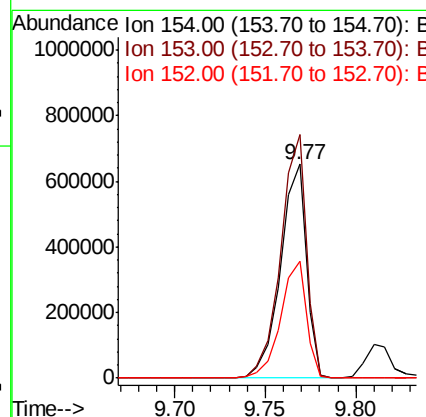
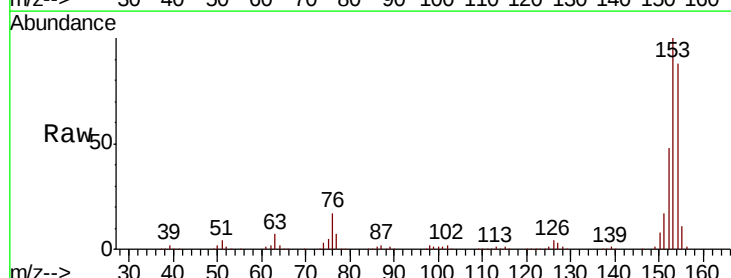
RT: 9.77 min Scan# 1306

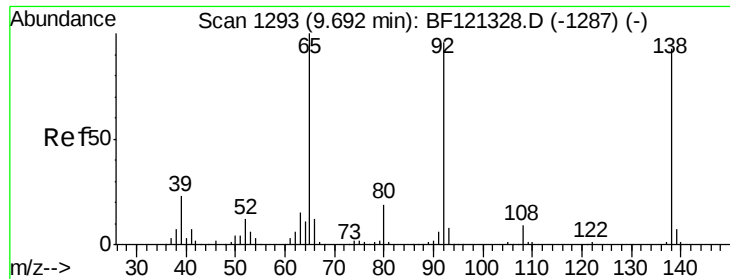
Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Tgt Ion:	154	Resp:	648903
Ion Ratio	Lower	Upper	
154	100		
153	113.9	92.0	138.0
152	54.5	44.6	66.8





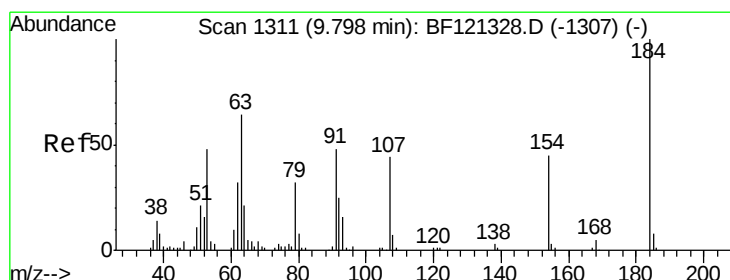
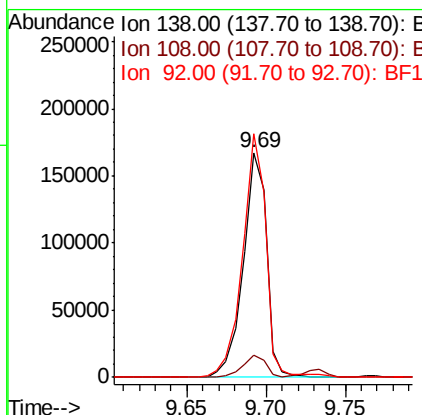
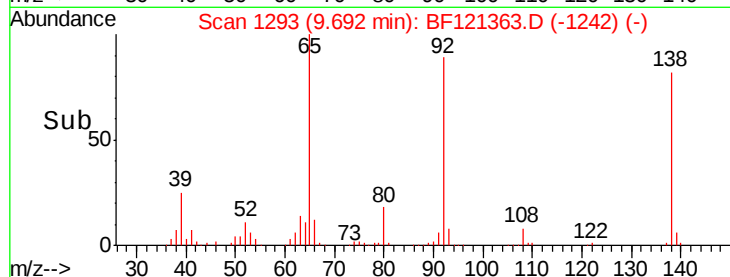
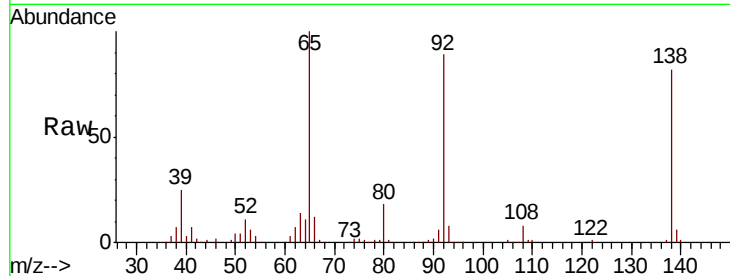
#53
 3-Nitroaniline
 Concen: 28.580 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	169904		
108	9.7	7.5	11.3	
92	108.3	83.0	124.4	

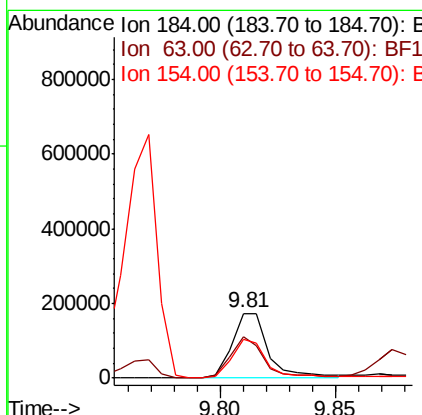
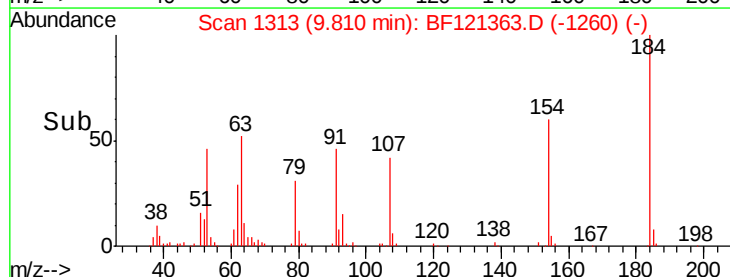
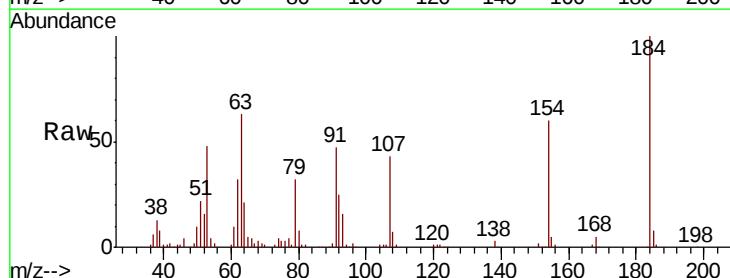
Manual Integrations
 APPROVED

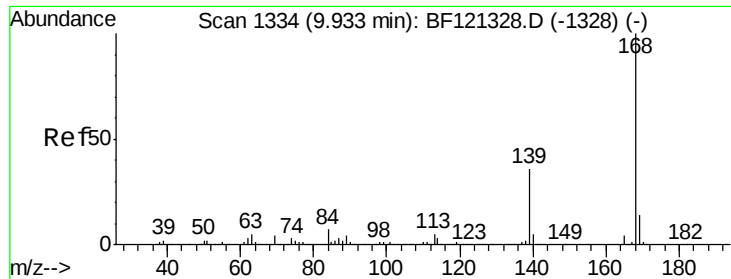
Sohil
 8/24/2020 1:50:02 PM



#54
 2,4-Dinitrophenol
 Concen: 84.232 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	192978		
63	63.2	51.5	77.3	
154	59.5	48.0	72.0	





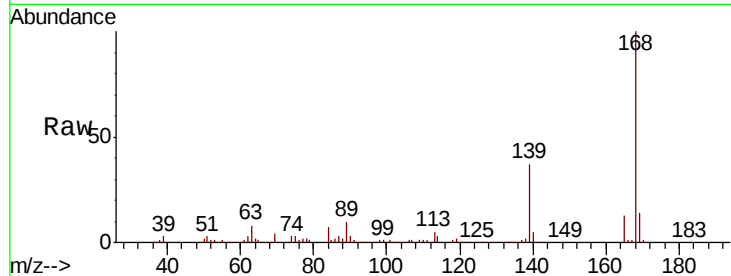
#55
Dibenzofuran
Concen: 43.290 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.1	43.7
169	13.6	11.0	16.6

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

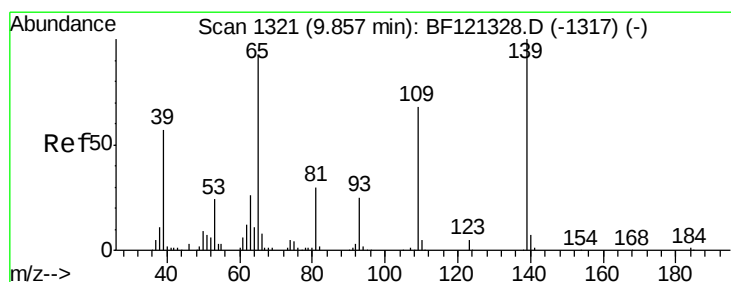
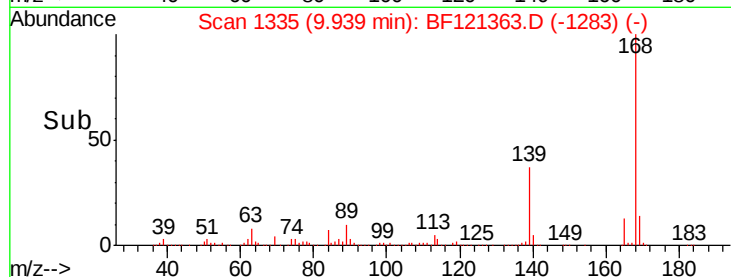
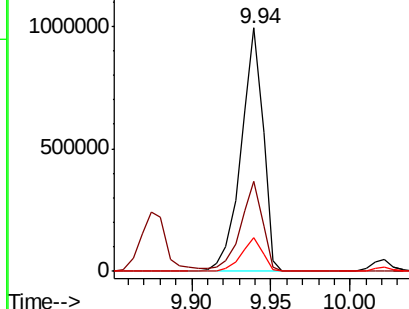


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 75.091 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

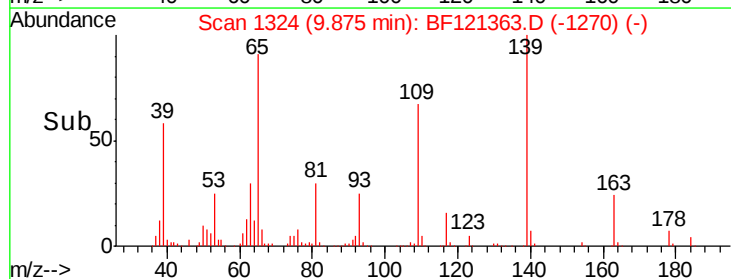
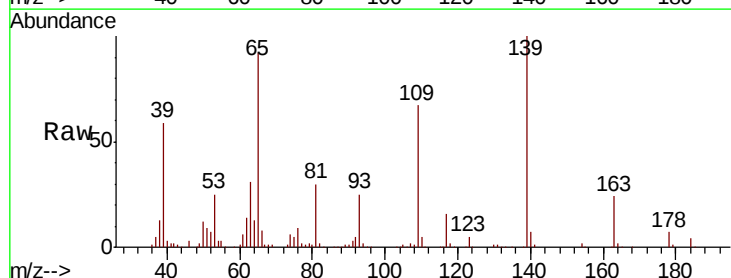
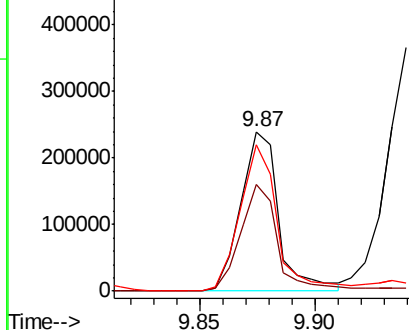
Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.2	47.7	87.7
65	91.6	73.2	113.2

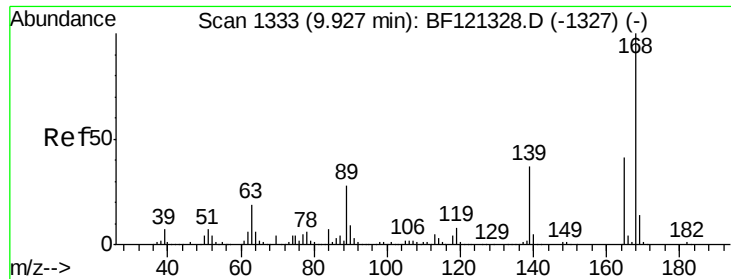
Abundance

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





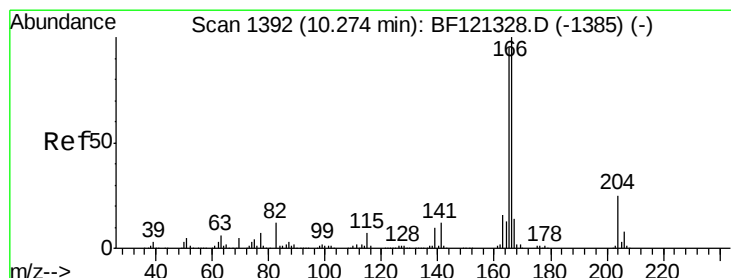
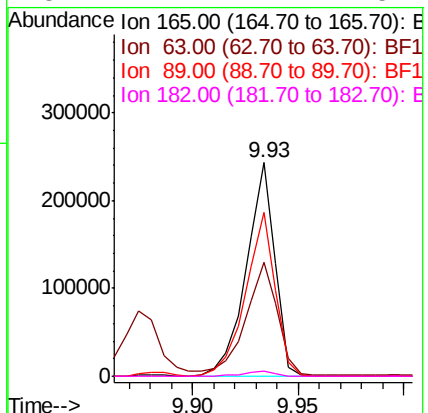
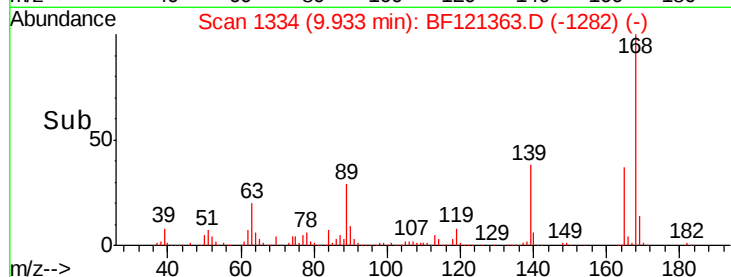
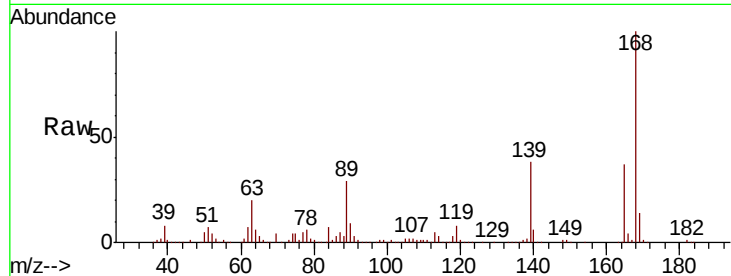
#57
2,4-Dinitrotoluene
Concen: 39.412 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	228491		
63	53.5		37.5	56.3
89	77.0		54.2	81.4
182	2.4		2.2	3.4

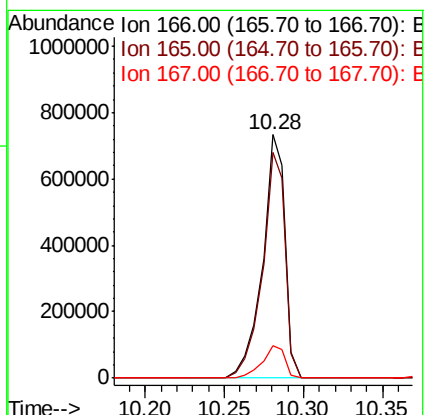
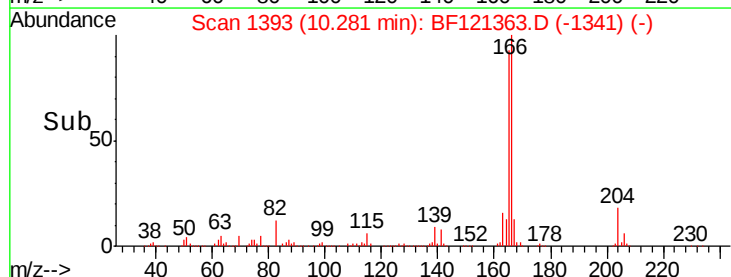
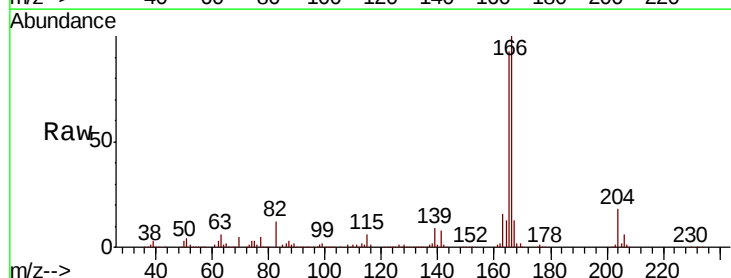
Manual Integrations
APPROVED

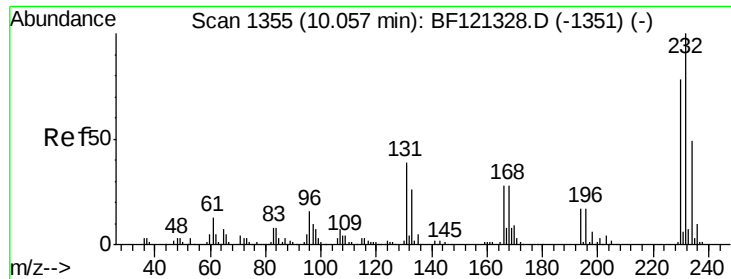
Sohil
8/24/2020 1:50:02 PM



#58
Fluorene
Concen: 45.561 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	727836		
165	92.7		75.8	113.8
167	13.4		11.0	16.4





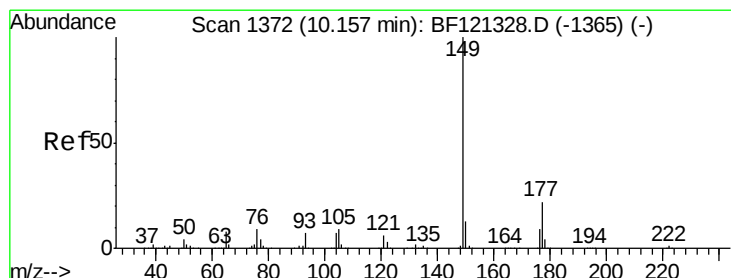
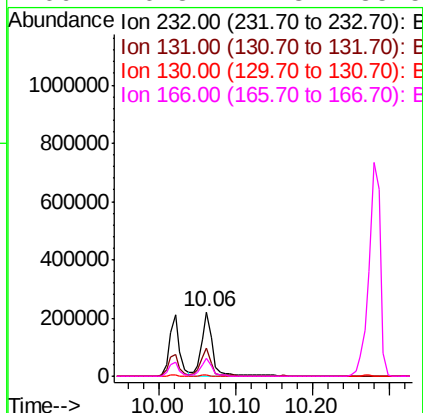
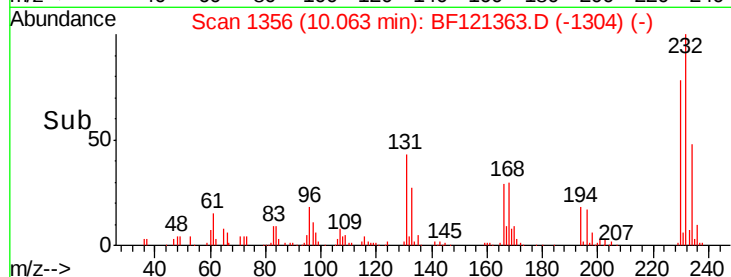
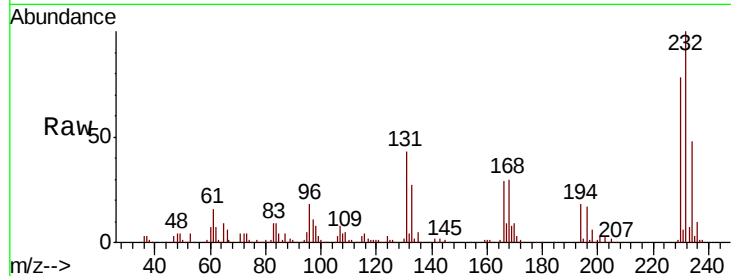
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.555 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	34.2	51.4
130	1.9	1.7	2.5
166	26.8	22.3	33.5

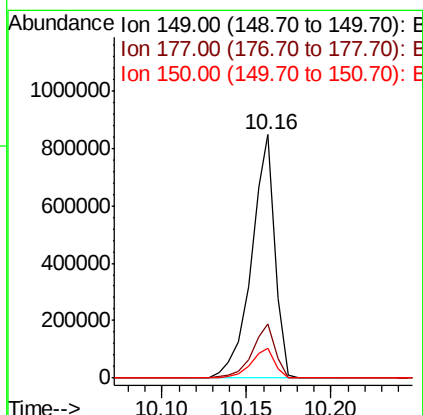
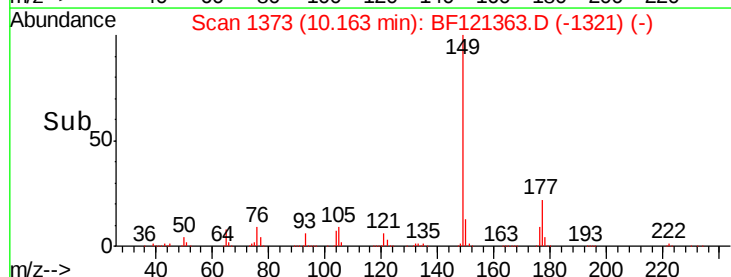
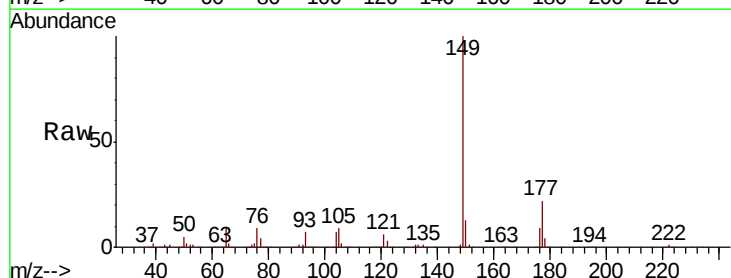
Manual Integrations
 APPROVED

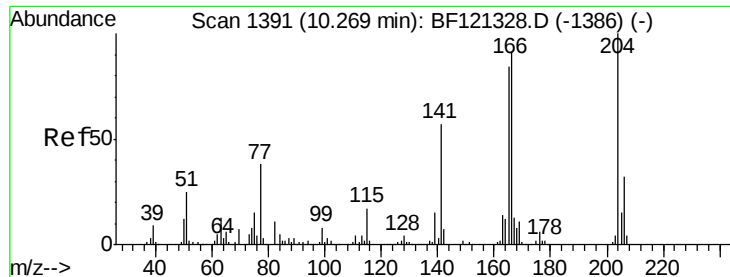
Sohil
 8/24/2020 1:50:02 PM



#60
 Diethylphthalate
 Concen: 37.762 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.5	10.1	15.1





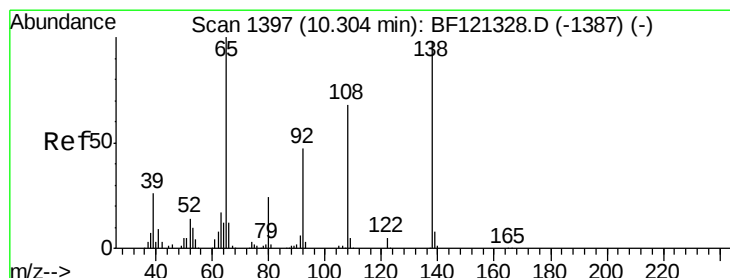
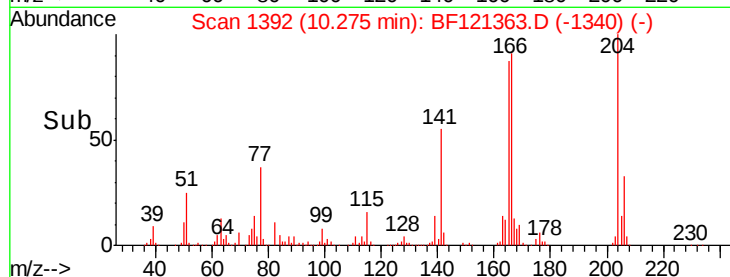
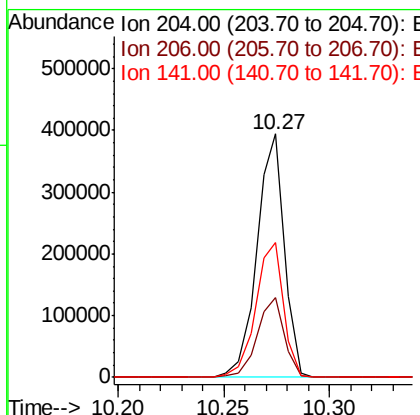
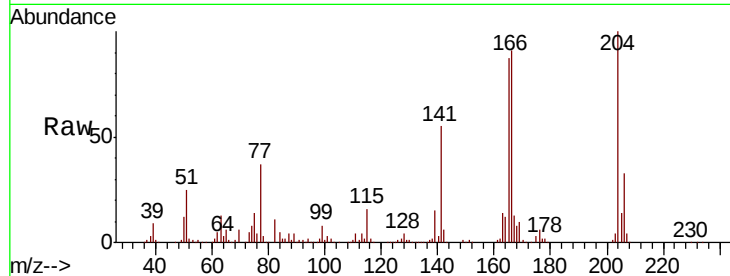
#61
4-Chlorophenyl-phenylether
Concen: 44.037 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion:	204	Resp:	355886
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	55.1	45.5	68.3

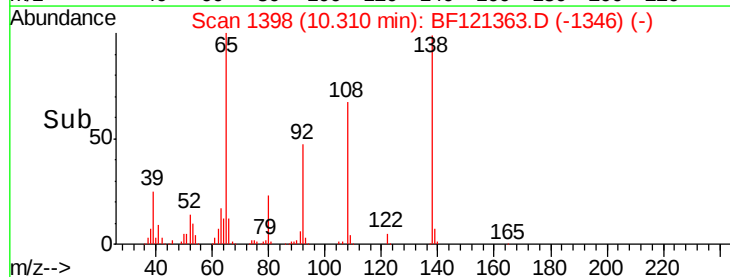
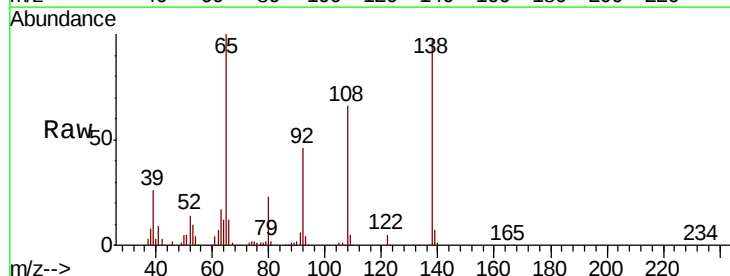
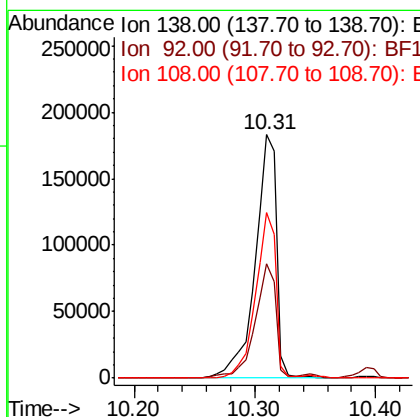
Manual Integrations
APPROVED

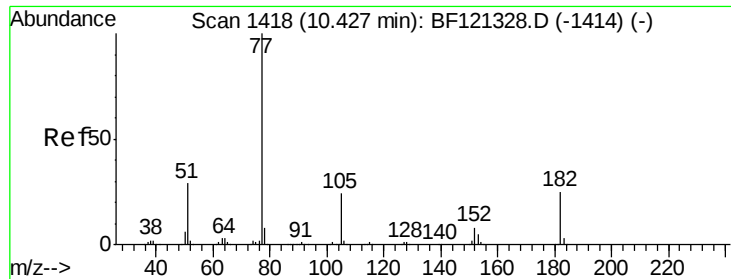
Sohil
8/24/2020 1:50:02 PM



#62
4-Nitroaniline
Concen: 37.235 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion:	138	Resp:	226804
Ion Ratio	Lower	Upper	
138	100		
92	47.1	28.1	68.1
108	67.9	49.5	89.5





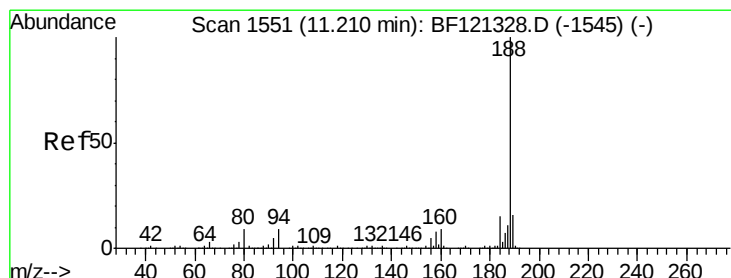
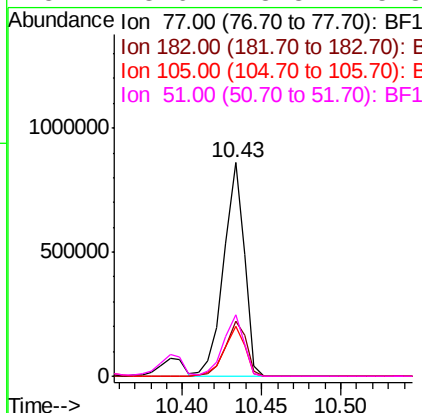
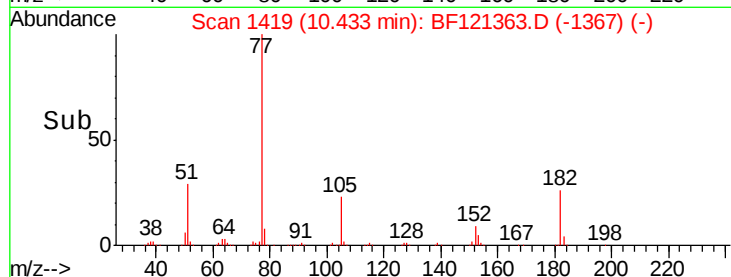
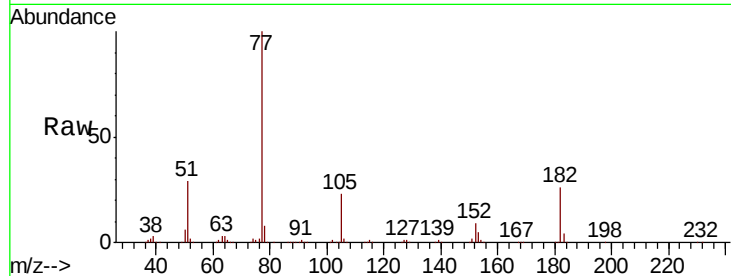
#63
Azobenzene
Concen: 38.656 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.9	5.0	45.0	
105	23.4	3.6	43.6	
51	28.6	8.8	48.8	

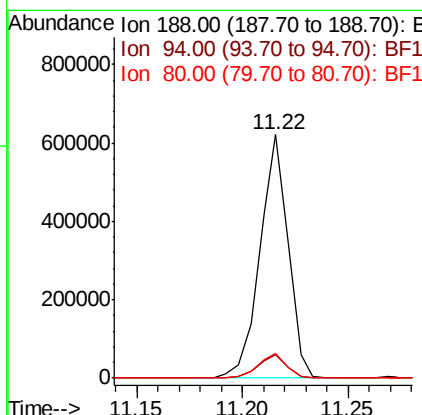
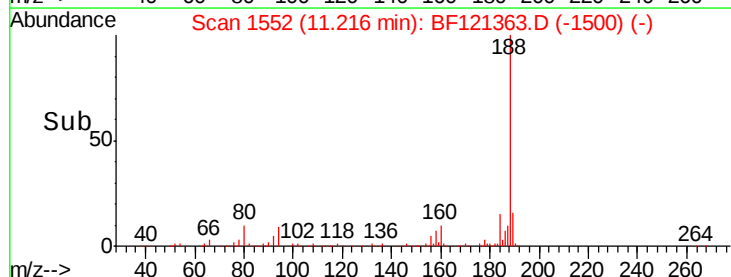
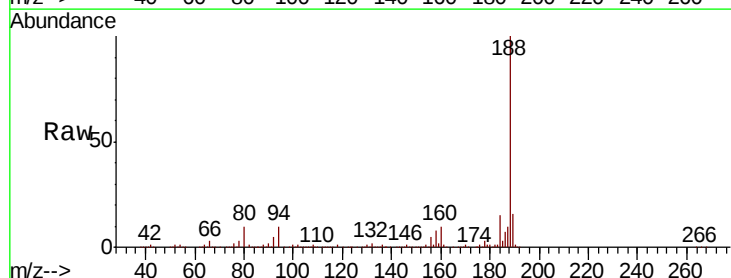
Manual Integrations
APPROVED

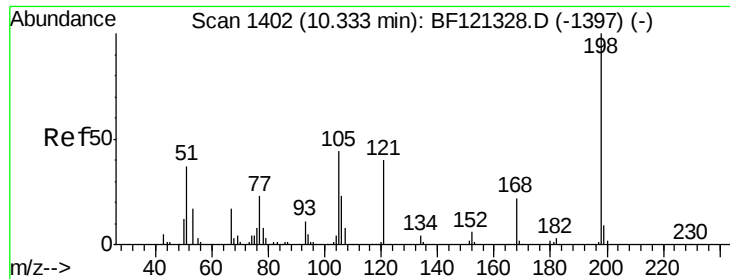
Sohil
8/24/2020 1:50:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	7.2	10.8	
80	9.9	7.4	11.0	





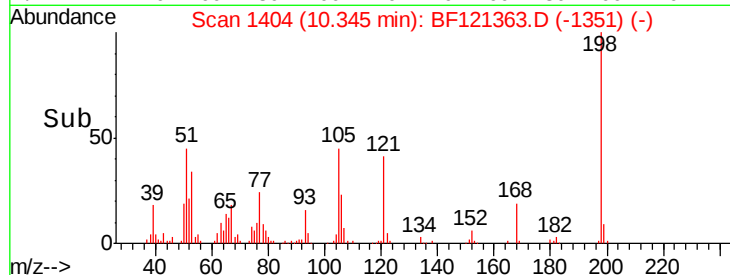
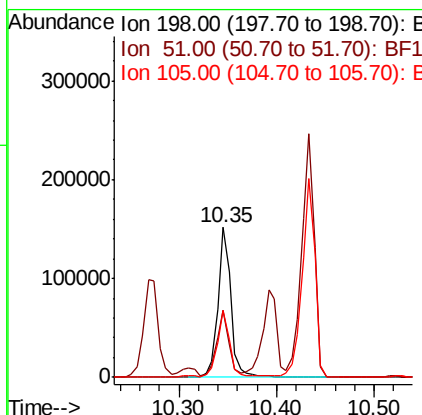
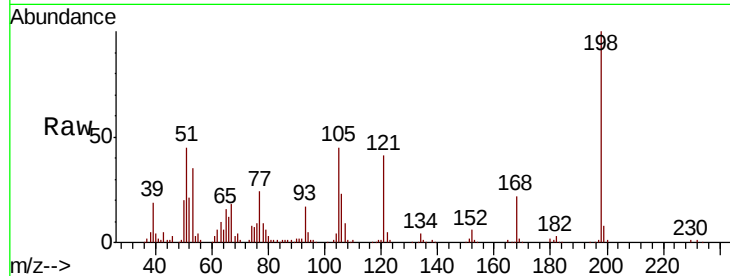
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.835 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141042		
51	45.1	25.5	65.5	
105	45.1	24.9	64.9	

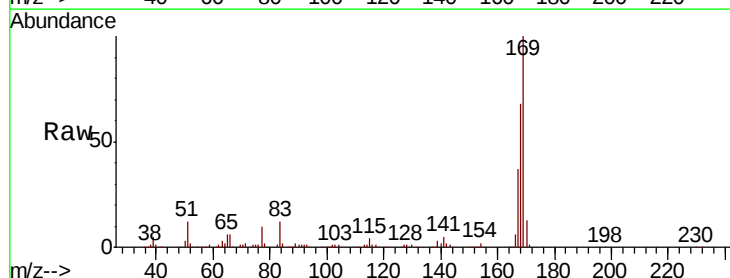
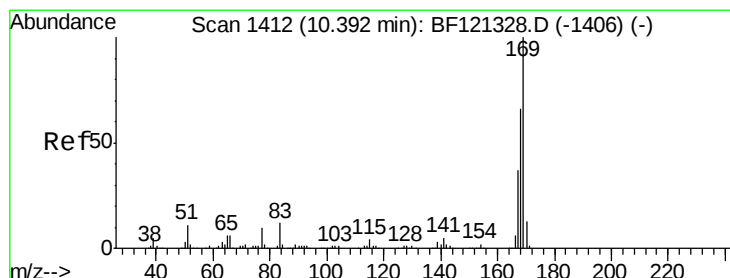
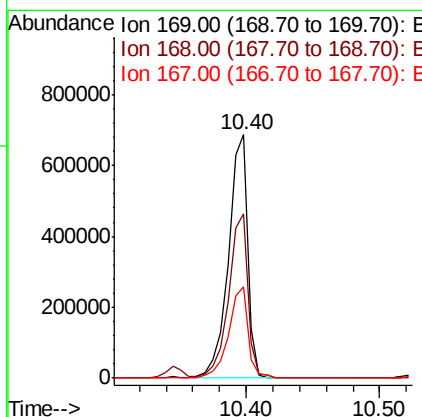
Manual Integrations
 APPROVED

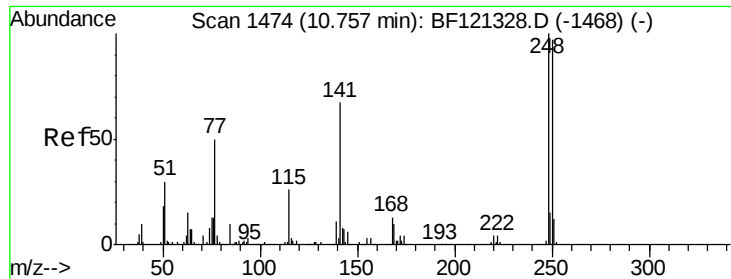
Sohil
 8/24/2020 1:50:02 PM



#66
 n-Nitrosodiphenylamine
 Concen: 39.492 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	700915		
168	67.5	53.0	79.6	
167	37.3	29.5	44.3	





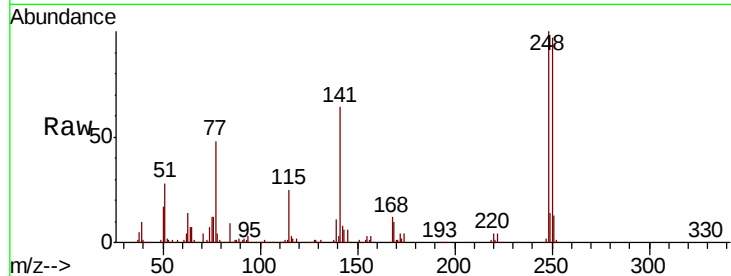
#67
4-Bromophenyl-phenylether
Concen: 38.138 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.9	116.9
141	64.0	53.5	80.3

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

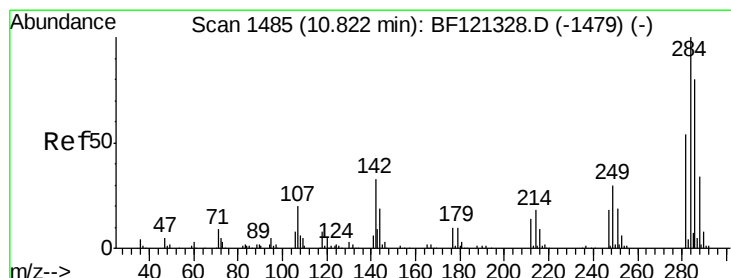
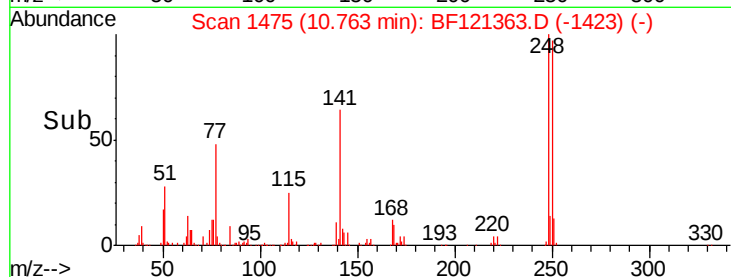
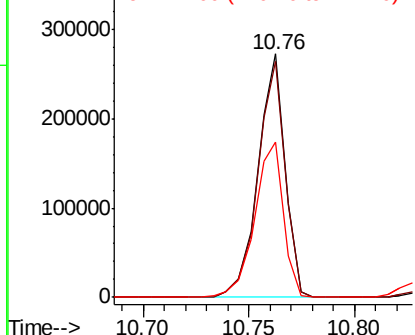


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.508 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

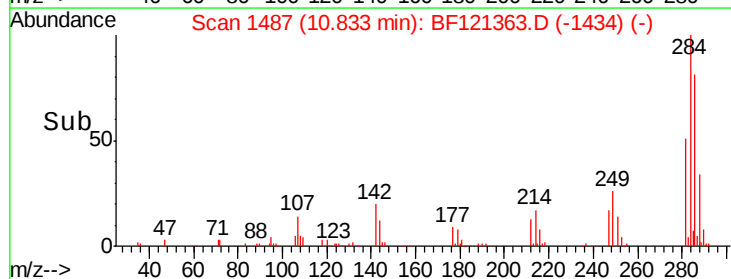
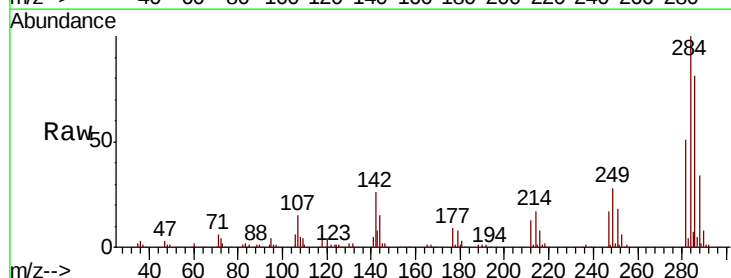
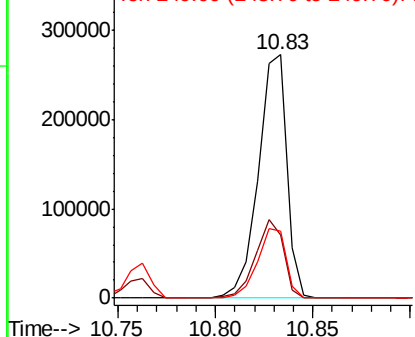
Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.1	26.1	39.1#
249	27.8	24.0	36.0

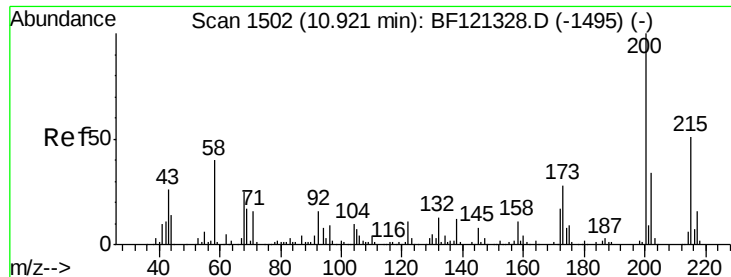
Abundance

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





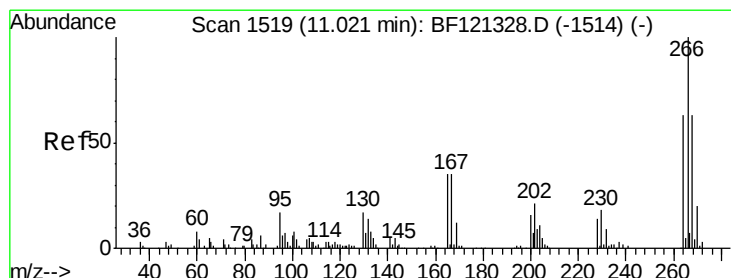
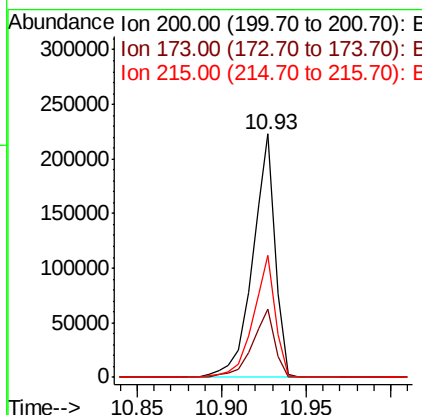
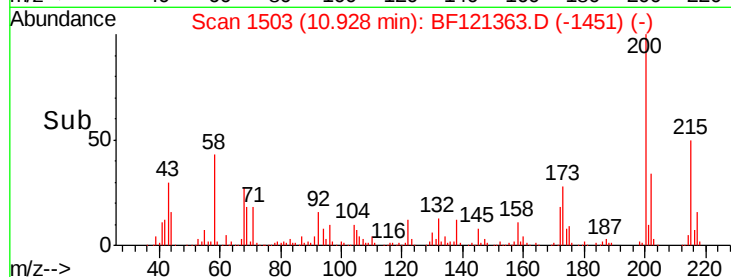
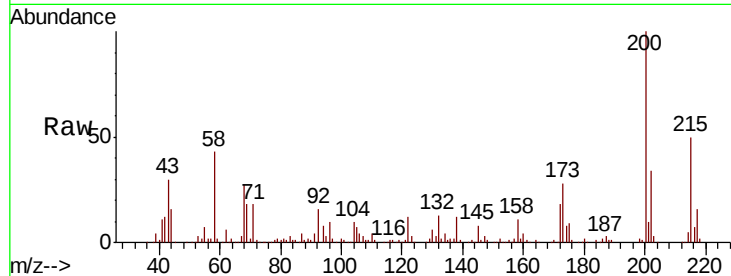
#69
Atrazine
Concen: 37.509 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.8	47.8
215	49.9	30.5	70.5

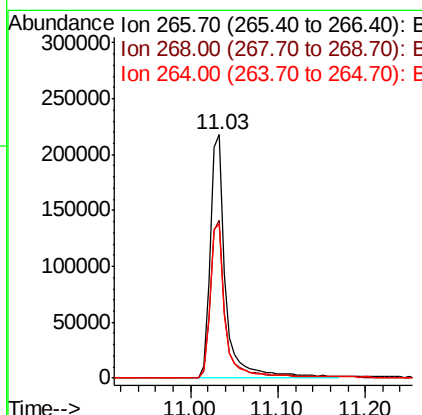
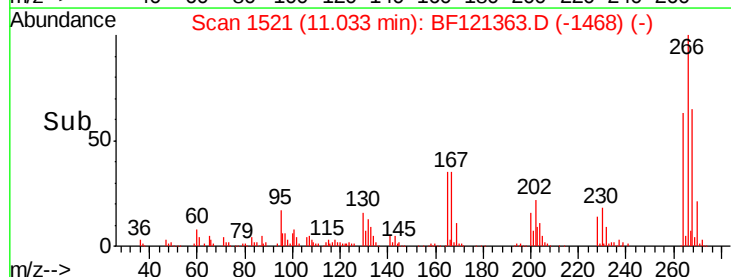
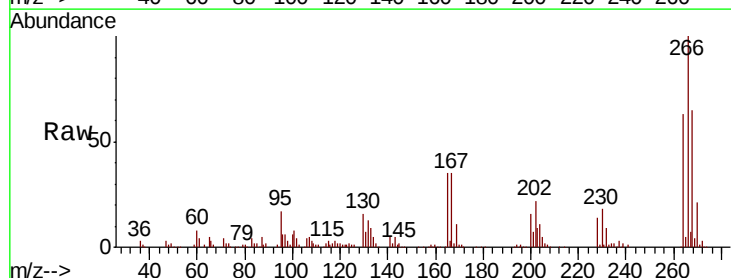
Manual Integrations
APPROVED

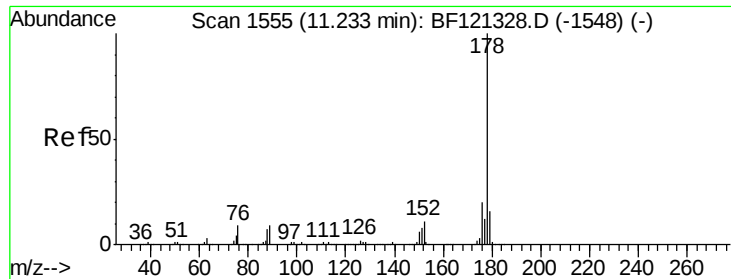
Sohil
8/24/2020 1:50:02 PM



#70
Pentachlorophenol
Concen: 82.105 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.6	75.8
264	63.2	50.5	75.7





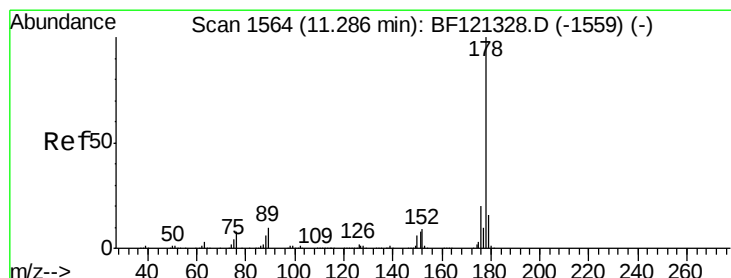
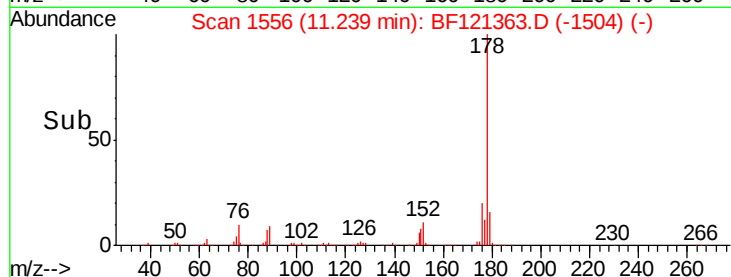
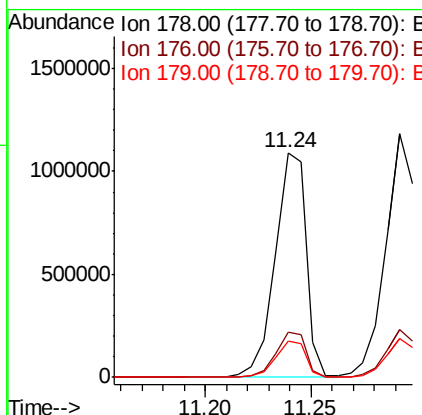
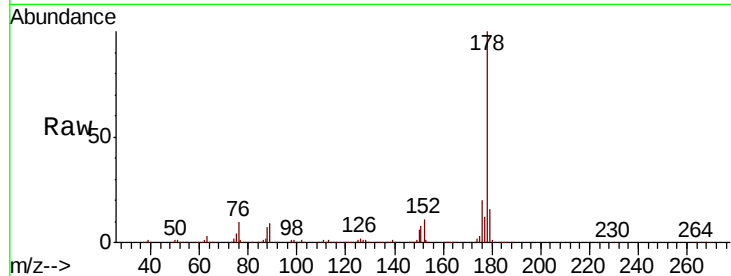
#71
Phenanthrene
Concen: 37.613 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion:178 Resp: 1120082
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.8 19.2

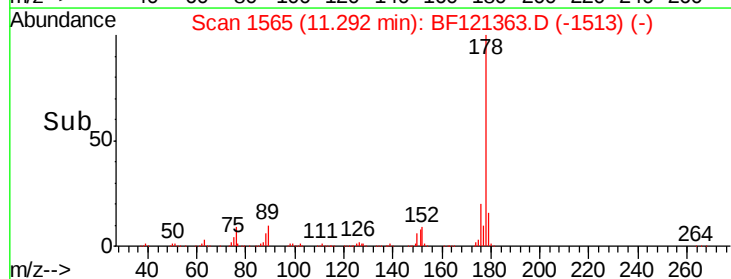
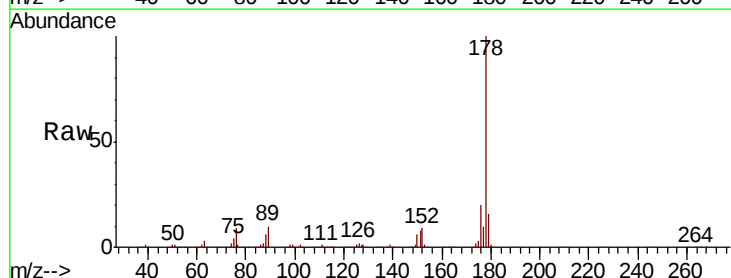
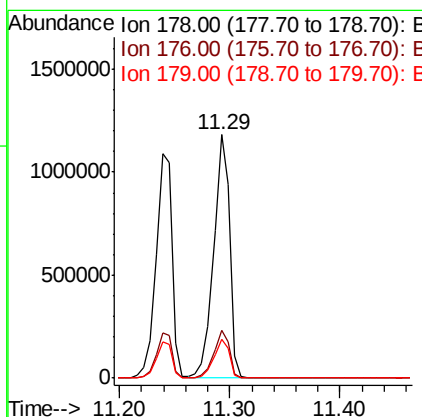
Manual Integrations
APPROVED

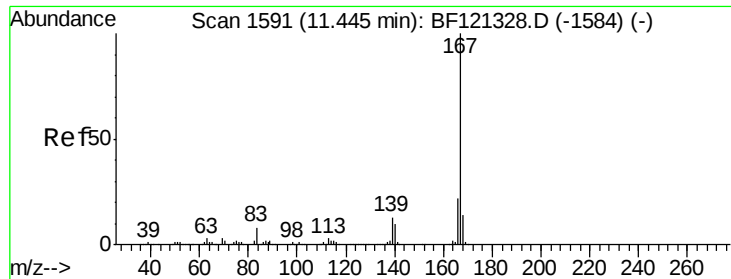
Sohil
8/24/2020 1:50:02 PM



#72
Anthracene
Concen: 40.638 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion:178 Resp: 1165378
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.1 12.8 19.2





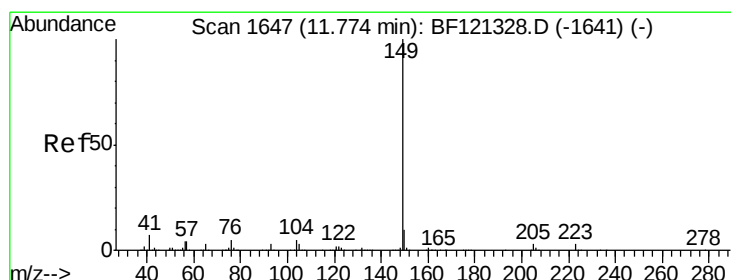
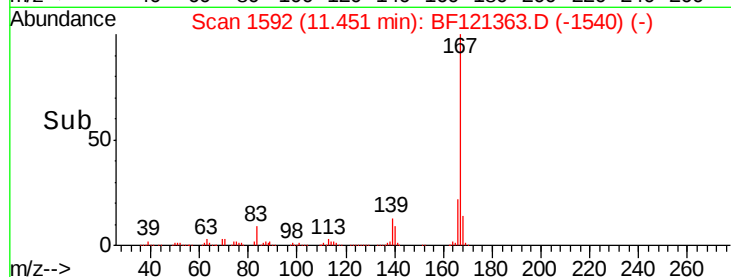
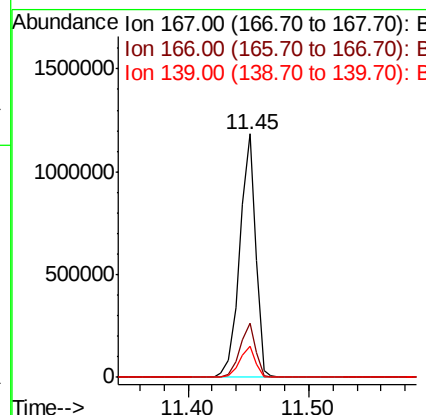
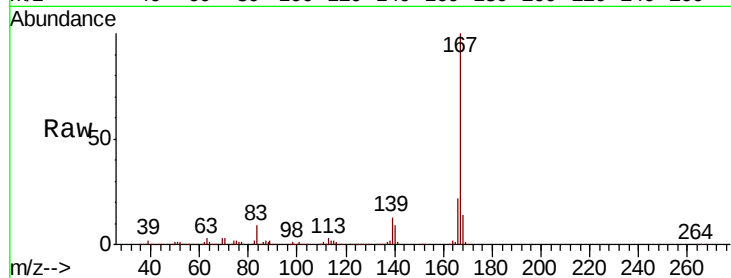
#73
 Carbazole
 Concen: 39.952 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.8	10.2	15.2

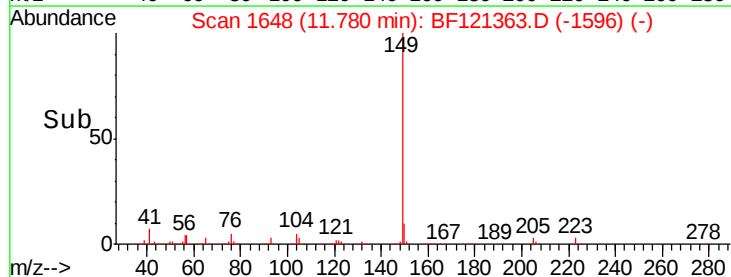
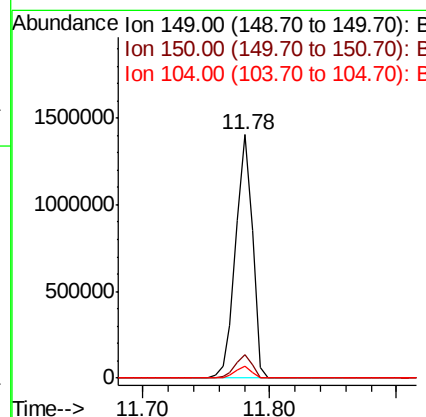
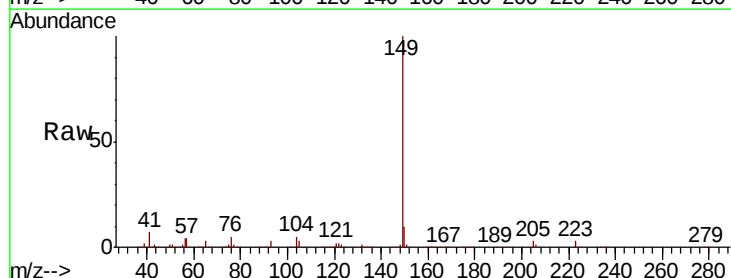
Manual Integrations
 APPROVED

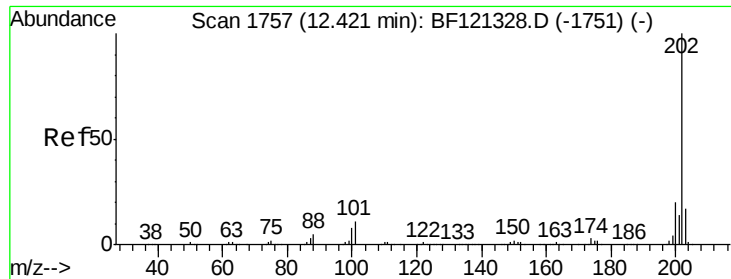
Sohil
 8/24/2020 1:50:02 PM



#74
 Di-n-butylphthalate
 Concen: 38.833 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.9	3.9	5.9





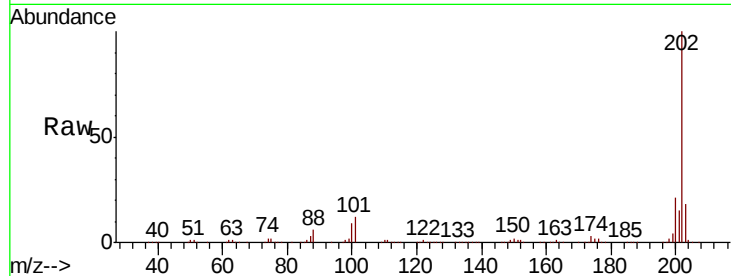
#75
Fluoranthene
Concen: 38.544 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1245853		
101	11.5	0.0	30.6	
203	18.0	0.0	37.5	

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

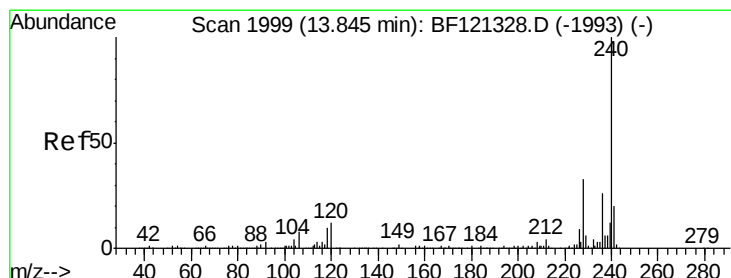
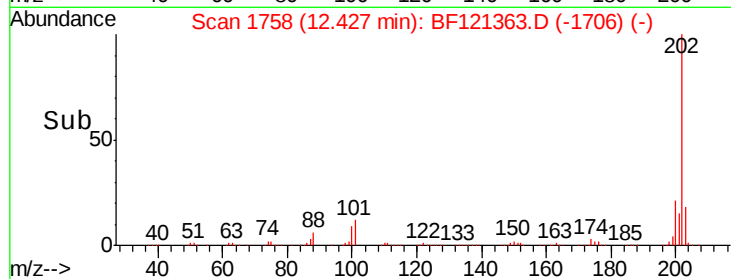
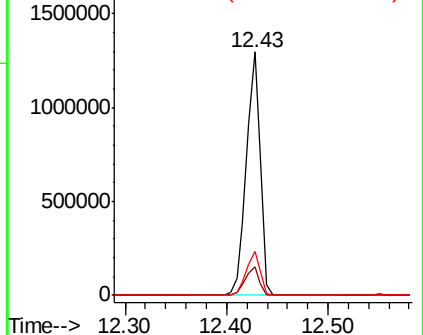


Abundance

Ion 202.00 (201.70 to 202.70): E

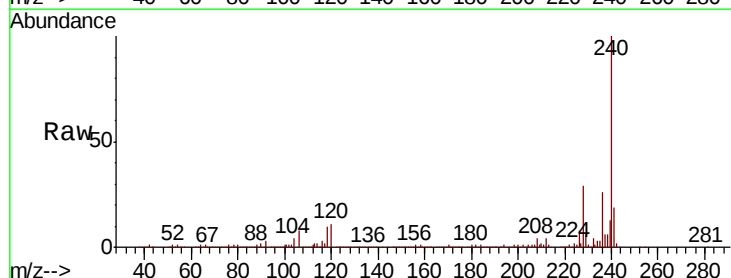
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	458831		
120	11.3	9.6	14.4	
236	26.1	20.6	31.0	

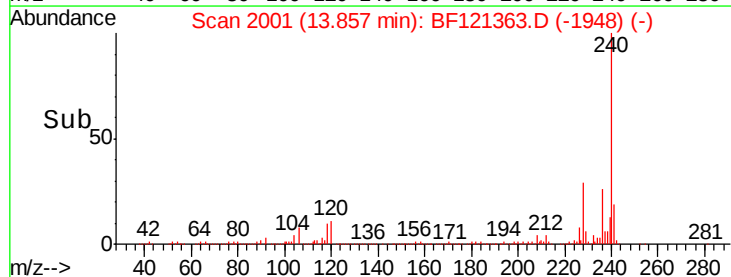
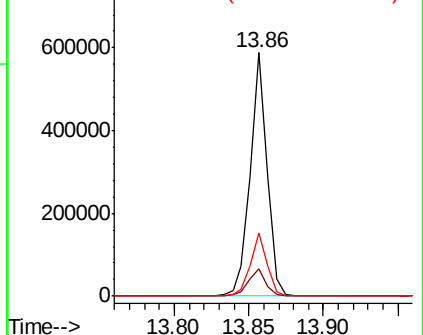


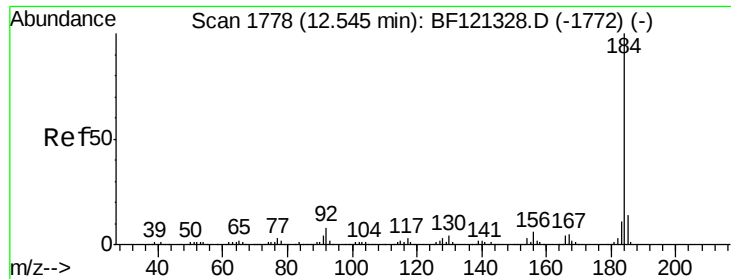
Abundance

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





#77

Benzidine

Concen: 64.982 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

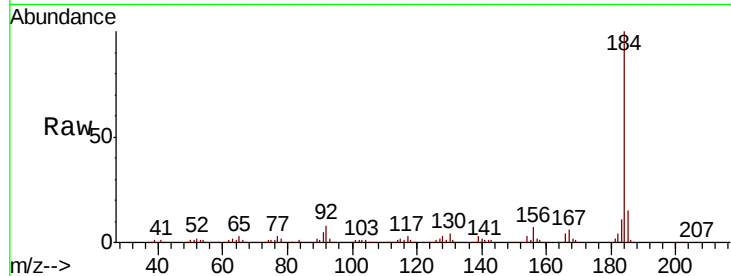
ClientSampleId :

PB130970BSD

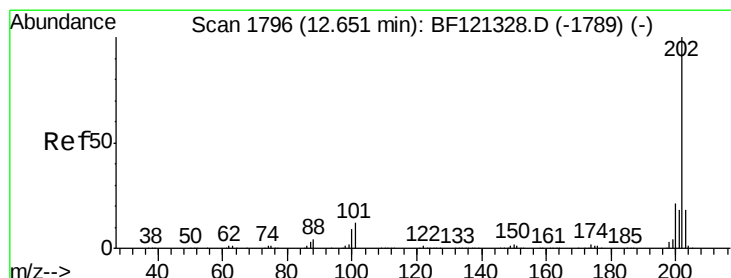
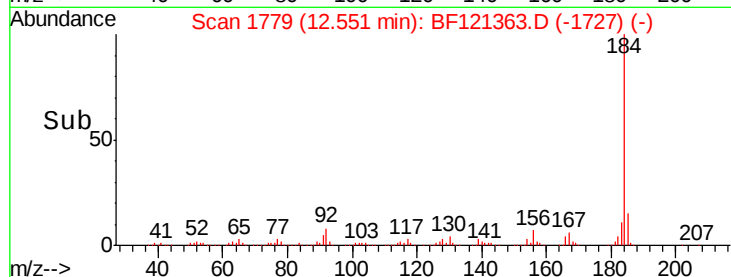
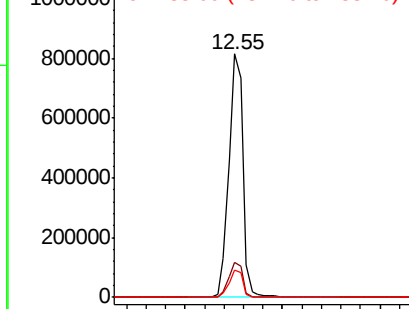
Tot Ion:	184	Resp:	821441
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.6	17.4
183	11.4	8.7	13.1

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.616 ng

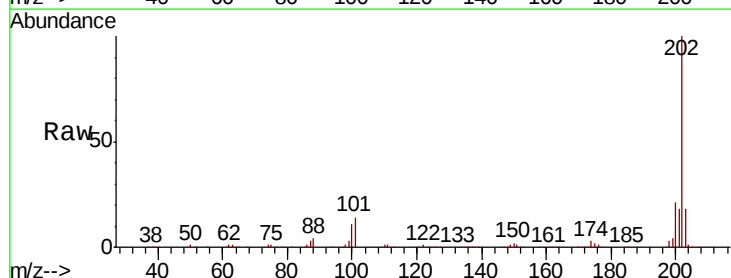
RT: 12.66 min Scan# 1797

Delta R.T. 0.01 min

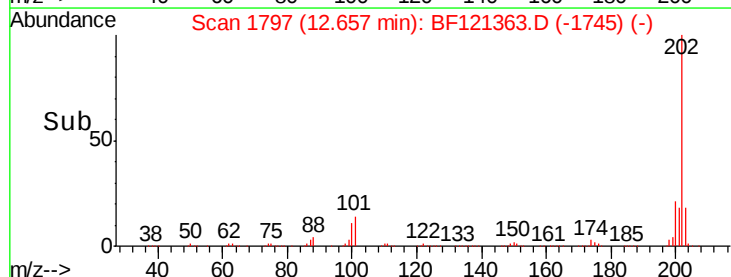
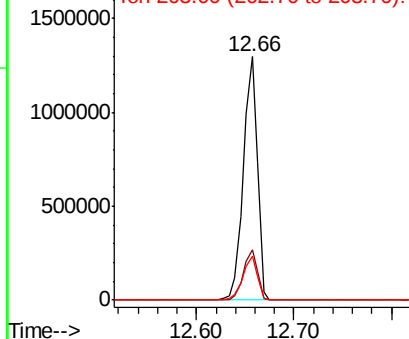
Lab File: BF121363.D

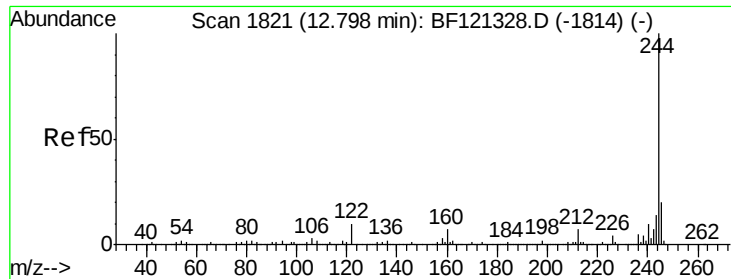
Acq: 21 Aug 2020 12:07

Tgt Ion:	202	Resp:	1296459
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.6	24.8
203	18.1	14.2	21.2



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





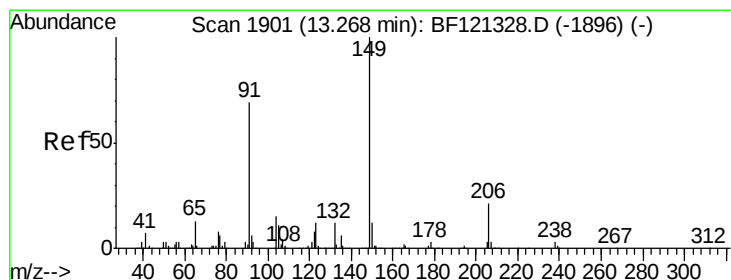
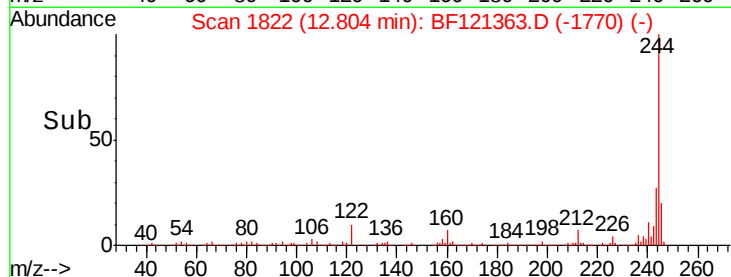
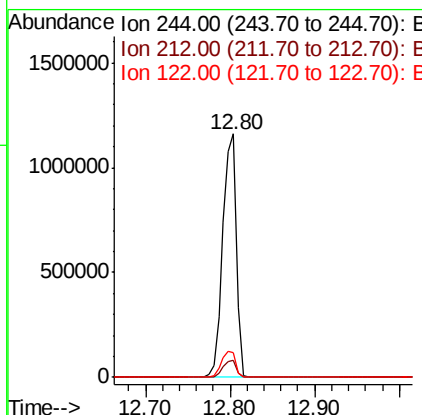
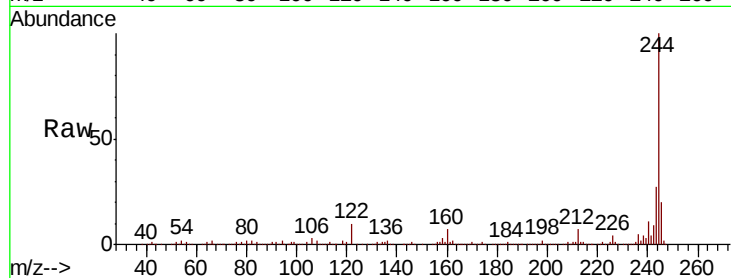
#79
 Terphenyl-d14
 Concen: 55.655 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.0	7.8	11.8

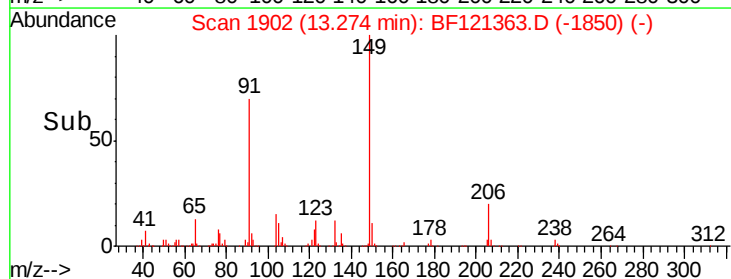
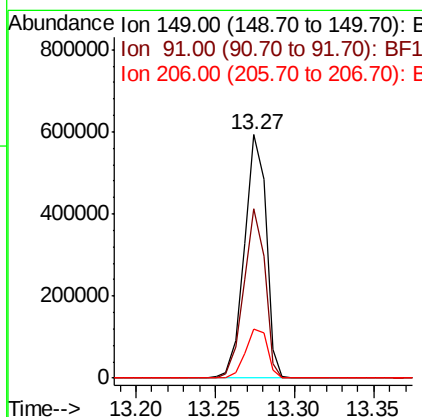
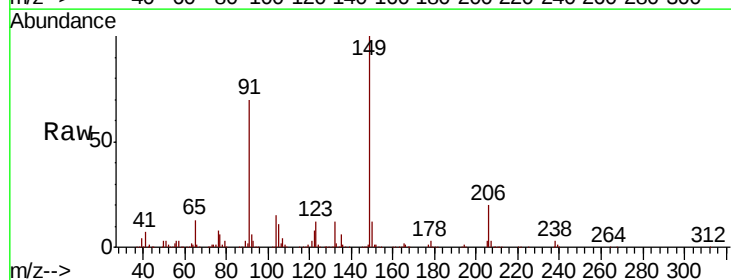
Manual Integrations
 APPROVED

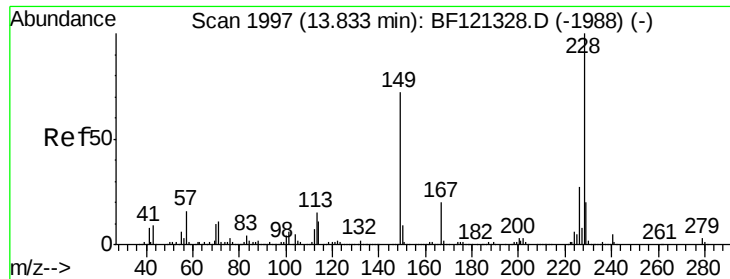
Sohil
 8/24/2020 1:50:02 PM



#80
 Butylbenzylphthalate
 Concen: 37.936 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	55.2	82.8
206	20.4	16.8	25.2





#81

Benzo(a)anthracene

Concen: 37.378 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

ClientSampleId :

PB130970BSD

Tot Ion:228 Resp: 1065203

Ion Ratio Lower Upper

228 100

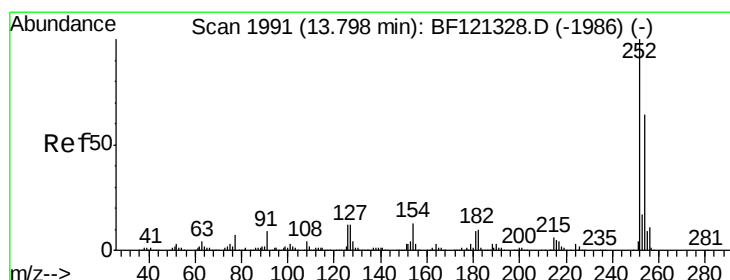
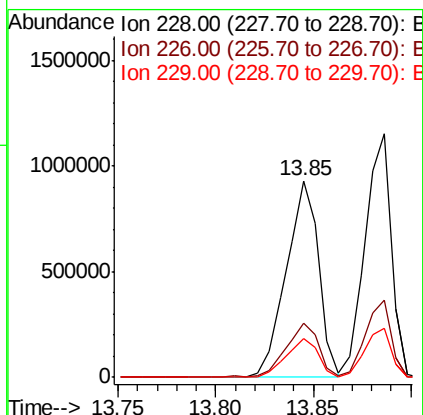
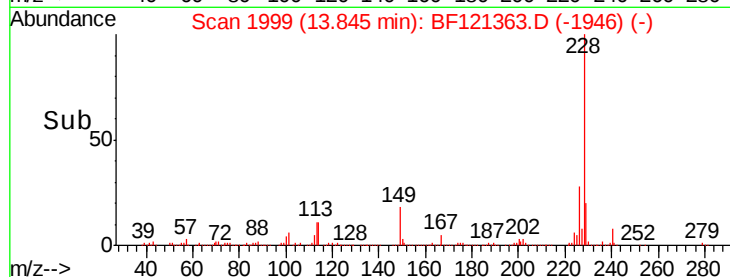
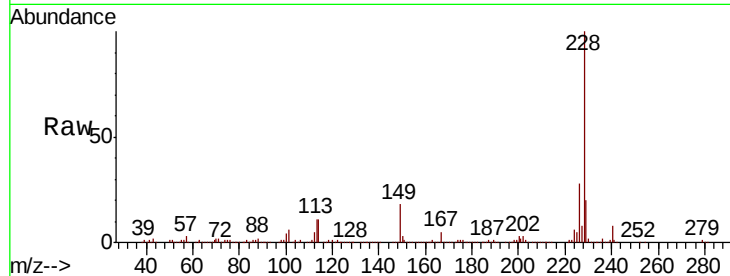
226 27.8 21.8 32.6

229 20.0 15.8 23.8

Manual Integrations
APPROVED

Sohil

8/24/2020 1:50:02 PM



#82

3,3'-Dichlorobenzidine

Concen: 32.944 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

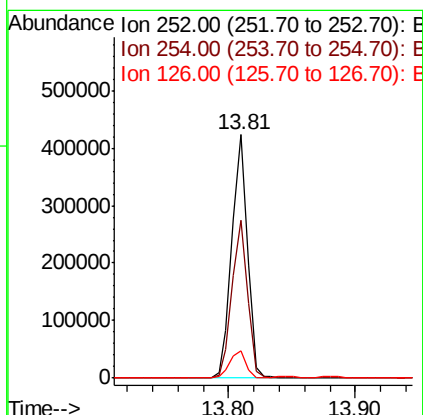
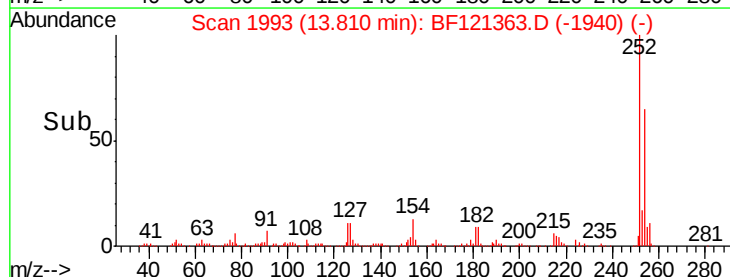
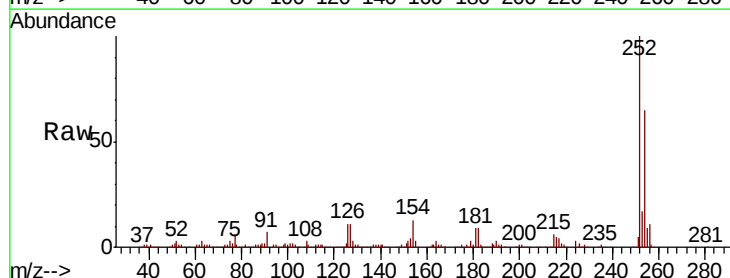
Tgt Ion:252 Resp: 360467

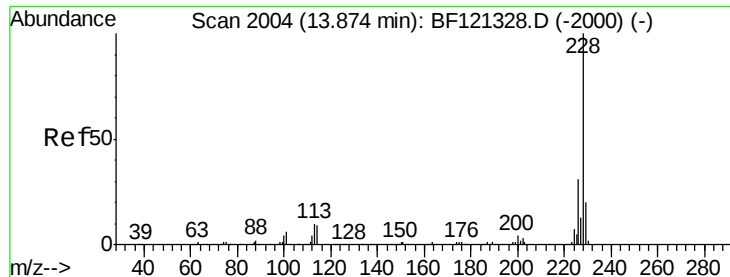
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 11.0 9.8 14.8





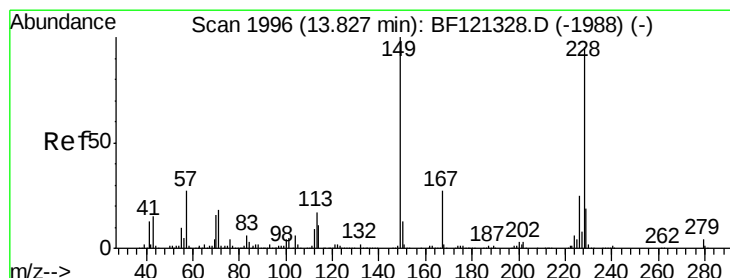
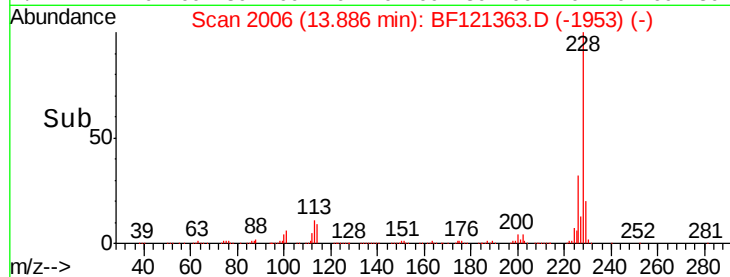
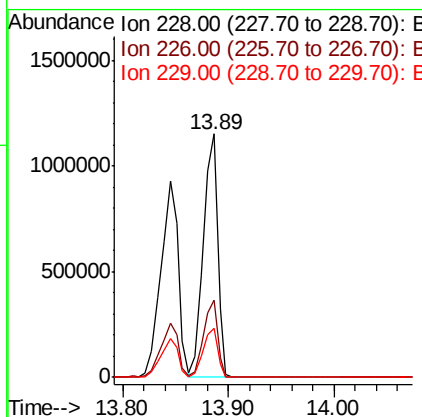
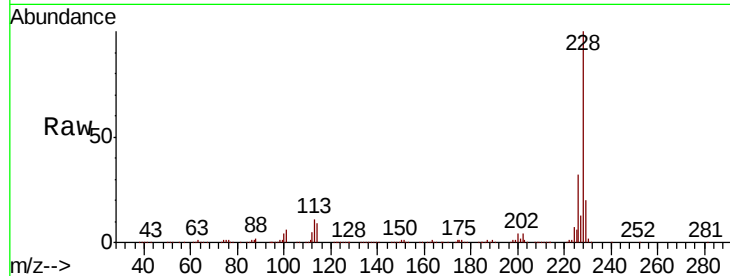
#83
Chrvsene
Concen: 37.122 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.6	36.8
229	20.2	15.9	23.9

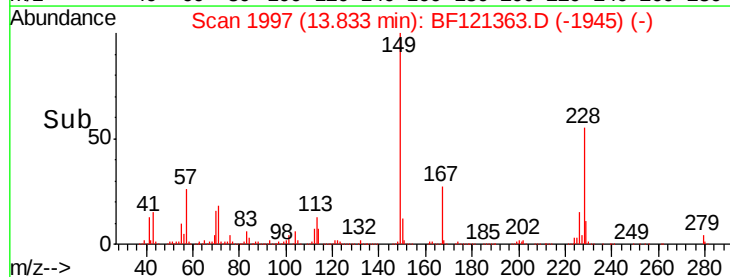
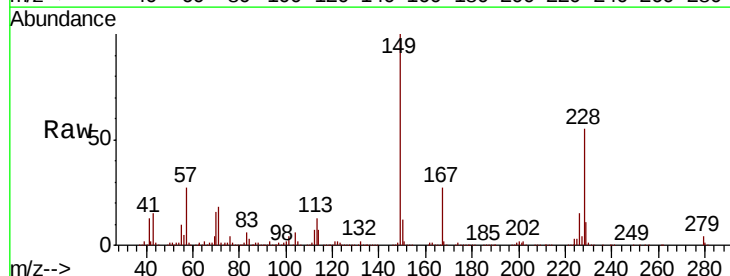
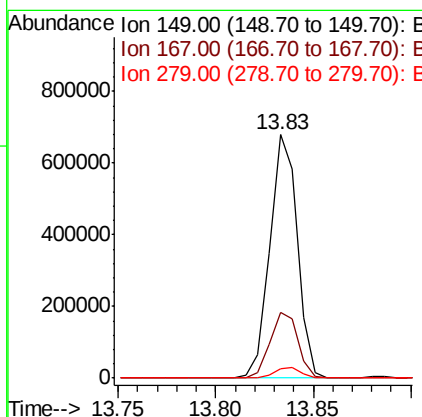
Manual Integrations
APPROVED

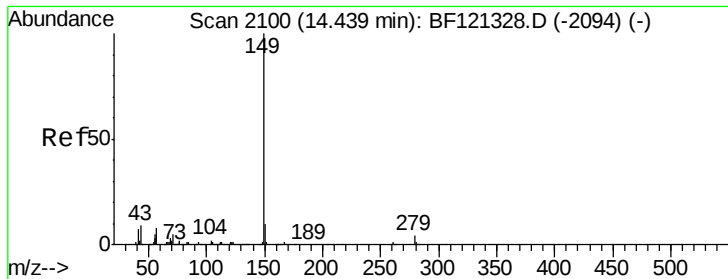
Sohil
8/24/2020 1:50:02 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.016 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	3.9	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 40.603 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

Instrument :

BNA_F

ClientSampleId :

PB130970BSD

Tot Ion:149 Resp: 1308678

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

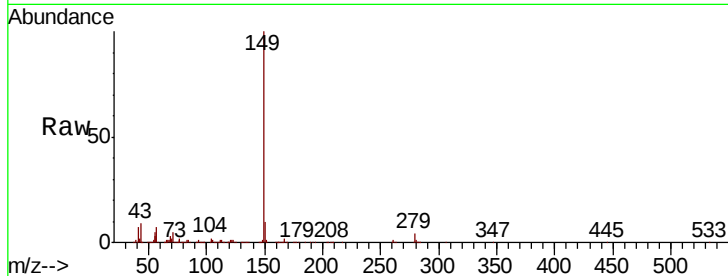
43 9.0 7.1 10.7

Manual Integrations

APPROVED

Sohil

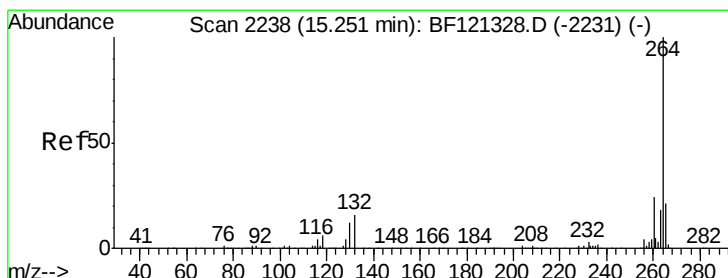
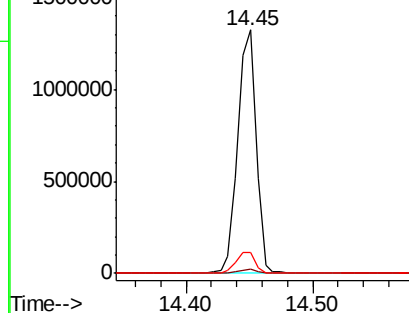
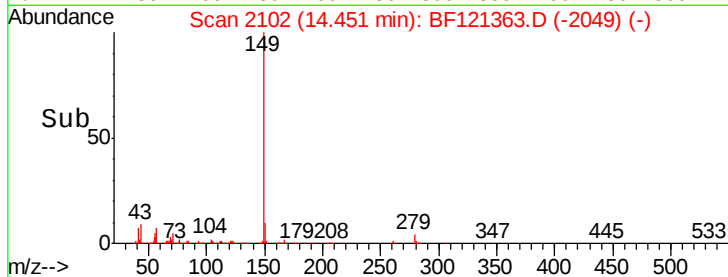
8/24/2020 1:50:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121363.D

Acq: 21 Aug 2020 12:07

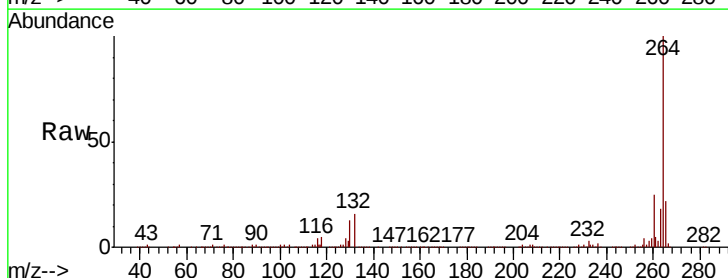
Tgt Ion:264 Resp: 493475

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

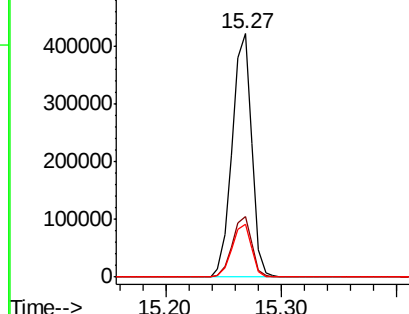
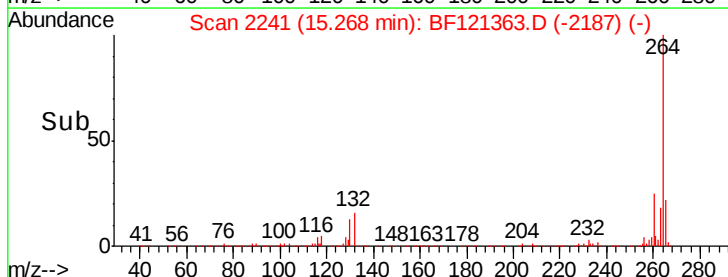
265 21.5 17.1 25.7

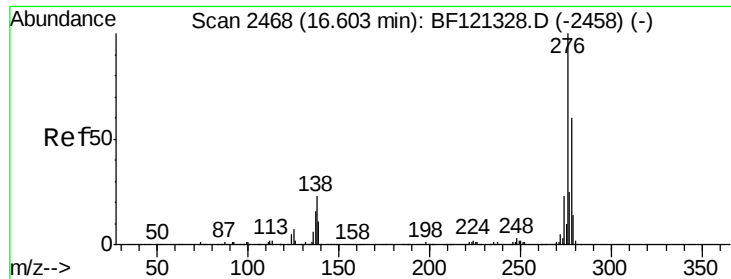


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





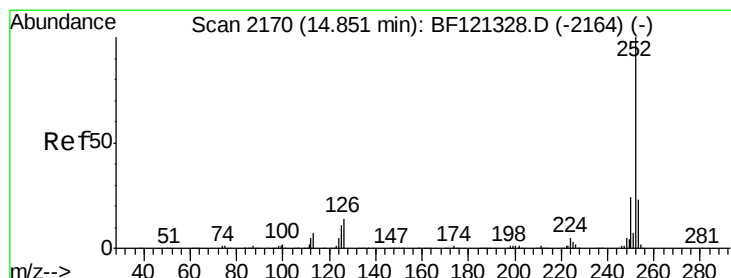
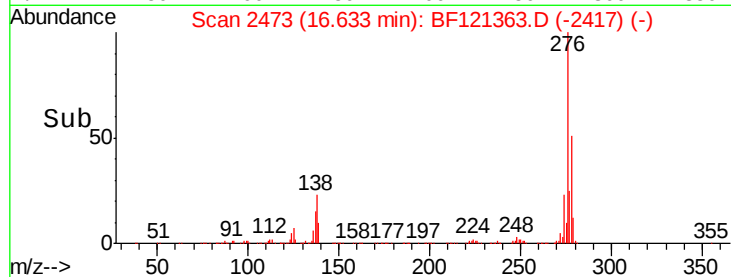
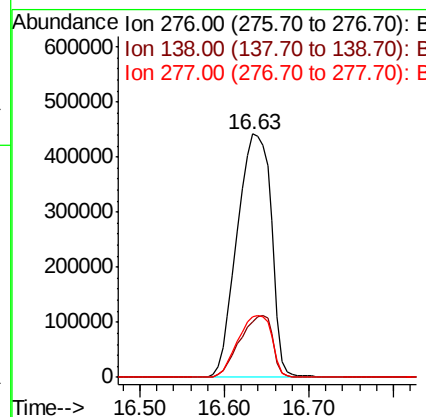
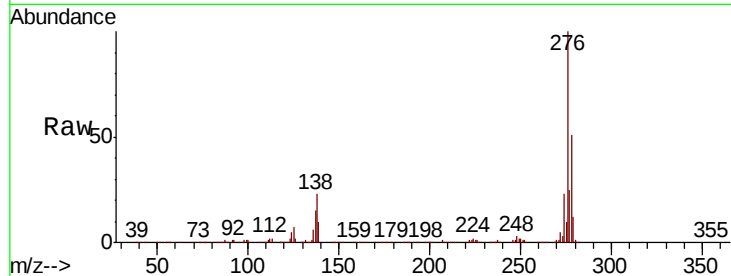
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.405 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. 0.03 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Instrument :
 BNA_F
 ClientSampleId :
 PB130970BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	25.3	19.9	29.9

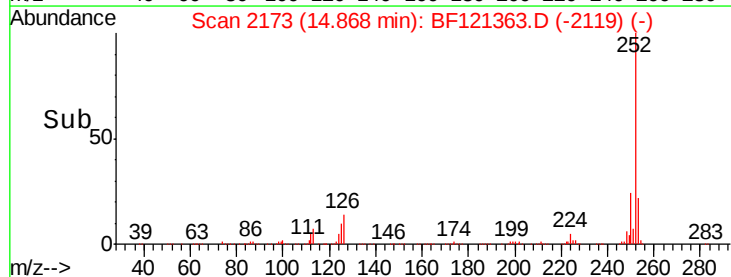
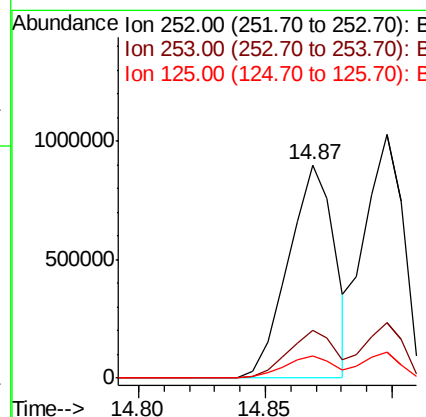
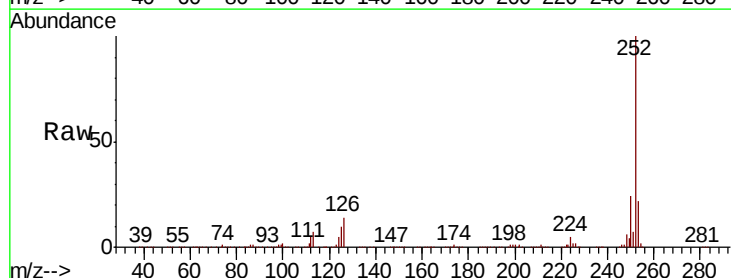
Manual Integrations
 APPROVED

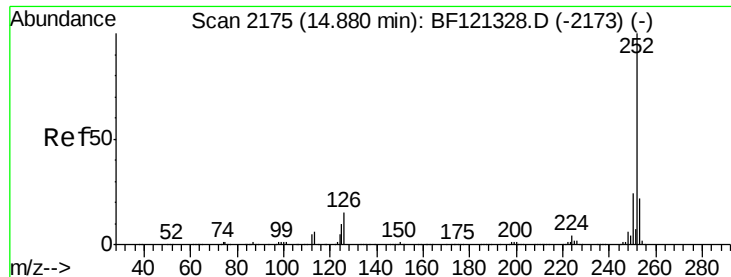
Sohil
 8/24/2020 1:50:02 PM



#88
 Benzo(b)fluoranthene
 Concen: 36.102 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: BF121363.D
 Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.2	8.6	12.8





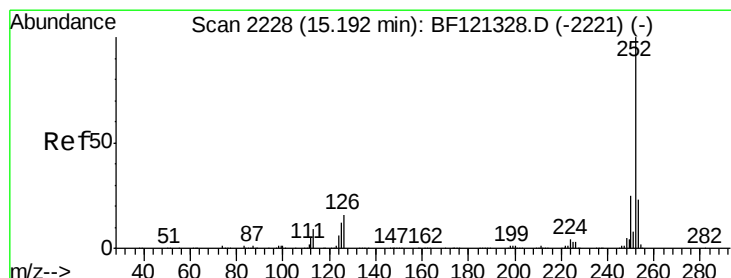
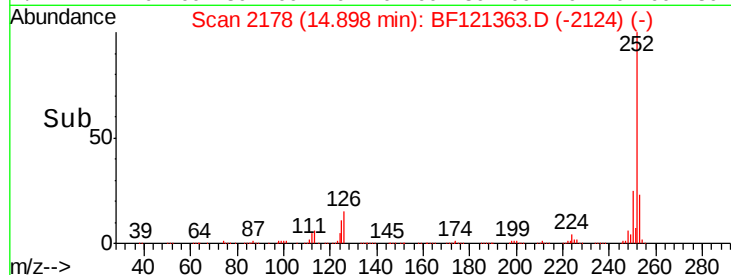
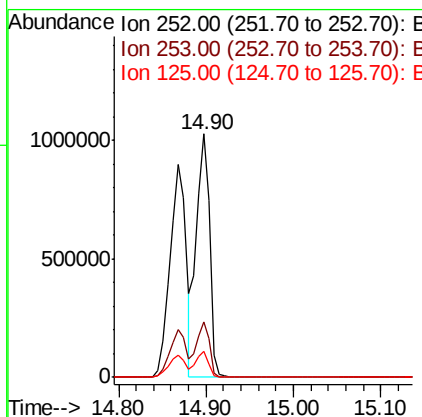
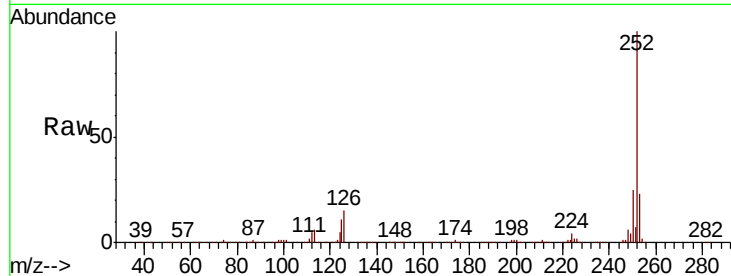
#89
Benzo(k)fluoranthene
Concen: 39.072 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.02 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.6	8.6	12.8

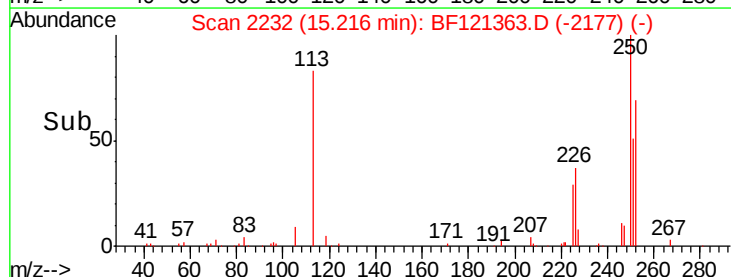
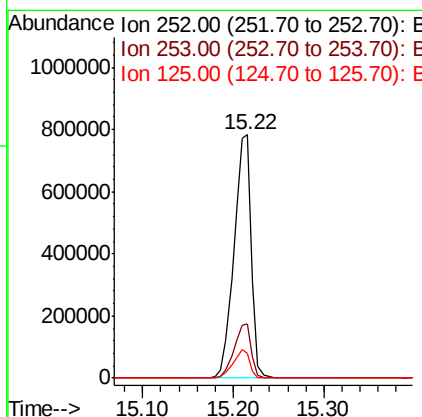
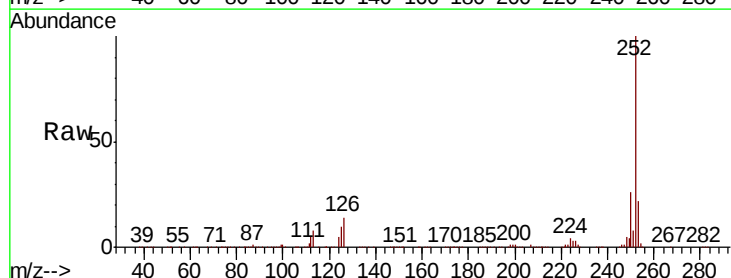
Manual Integrations
APPROVED

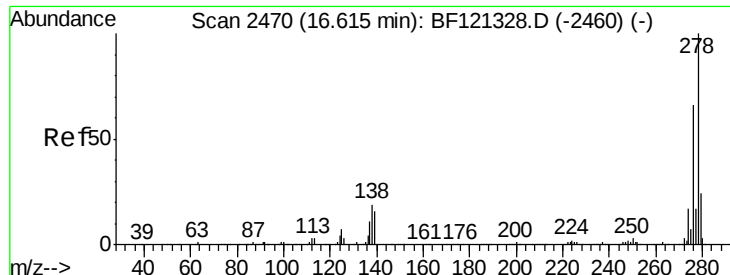
Sohil
8/24/2020 1:50:02 PM



#90
Benzo(a)pyrene
Concen: 38.110 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.02 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.4	9.4	14.0





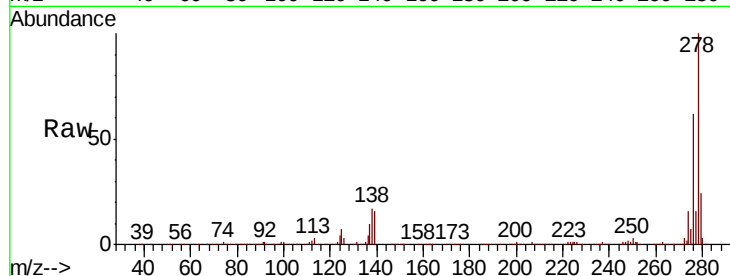
#91
Dibenzo(a,h)anthracene
Concen: 41.077 ng
RT: 16.65 min Scan# 2476
Delta R.T. 0.04 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Instrument :
BNA_F
ClientSampleId :
PB130970BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.1	19.7
279	24.2	19.4	29.2

Manual Integrations
APPROVED

Sohil
8/24/2020 1:50:02 PM

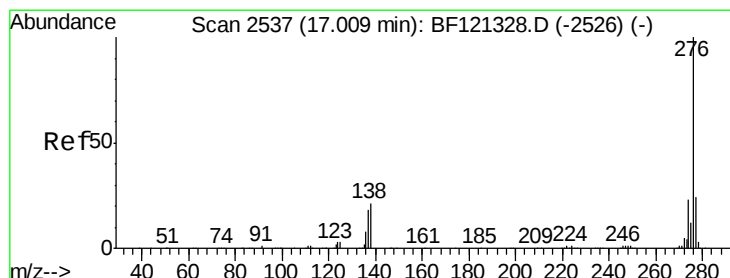
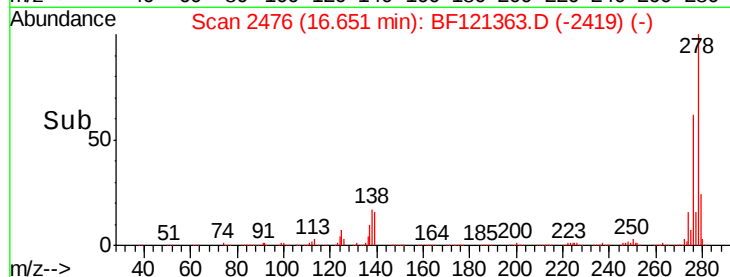
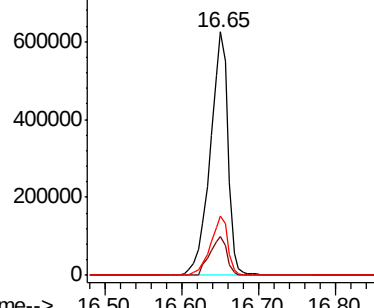


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.054 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.04 min
Lab File: BF121363.D
Acq: 21 Aug 2020 12:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	21.2	16.8	25.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

