

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122639.D
 Acq On : 10 Dec 2020 10:15
 Operator : JU/CG
 Sample : PB133460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BS

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:21:06 PM

Quant Time: Dec 10 11:57:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	168554	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	640490	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	346950	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	636603	20.00	ng	0.00
76) Chrysene-d12	14.010	240	526374	20.00	ng	0.00
86) Perylene-d12	15.468	264	490770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1220561	114.64	ng	0.02
7) Phenol-d6	6.481	99	1586902	112.39	ng	0.00
23) Nitrobenzene-d5	7.404	82	887580	69.43	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	513719	113.12	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1702897	66.39	ng	0.00
79) Terphenyl-d14	12.951	244	1980589	65.86	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	206648	41.29	ng	99
3) Pyridine	3.440	79	565869	42.78	ng	99
4) n-Nitrosodimethylamine	3.404	42	227435	42.88	ng	94
6) Aniline	6.504	93	546386	32.87	ng	99
8) 2-Chlorophenol	6.628	128	523624	44.62	ng	99
9) Benzaldehyde	6.387	77	73753	8.63	ng	99
10) Phenol	6.492	94	628033	42.92	ng	99
11) bis(2-Chloroethyl)ether	6.581	93	493554	44.15	ng	99
12) 1,3-Dichlorobenzene	6.781	146	583787	42.04	ng	98
13) 1,4-Dichlorobenzene	6.857	146	585955	41.85	ng	98
14) 1,2-Dichlorobenzene	7.010	146	544670	40.30	ng	98
15) Benzyl Alcohol	6.987	79	433312	44.57	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	647020	40.59	ng	100
17) 2-Methylphenol	7.098	107	435212	46.65	ng	99
18) Hexachloroethane	7.351	117	208123	41.71	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	350973	43.39	ng	97
20) 3+4-Methylphenols	7.251	107	504444	42.81	ng	93
22) Acetophenone	7.251	105	672636	42.24	ng	# 95
24) Nitrobenzene	7.428	77	544930	42.85	ng	97
25) Isophorone	7.663	82	975963	44.33	ng	99
26) 2-Nitrophenol	7.739	139	287593	46.37	ng	97
27) 2,4-Dimethylphenol	7.781	122	465490	51.20	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	624048	41.39	ng	99
29) 2,4-Dichlorophenol	7.986	162	460061	43.33	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	487597	40.54	ng	99
31) Naphthalene	8.151	128	1510769	42.75	ng	99
32) Benzoic acid	7.922	122	300412	41.47	ng	96
33) 4-Chloroaniline	8.192	127	372598	25.22	ng	99
34) Hexachlorobutadiene	8.263	225	287784	38.87	ng	99
35) Caprolactam	8.575	113	94288	29.49	ng	97
36) 4-Chloro-3-methylphenol	8.681	107	472949	45.23	ng	97
37) 2-Methylnaphthalene	8.839	142	1008570	43.14	ng	98
38) 1-Methylnaphthalene	8.939	142	938253	42.42	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	474412	41.28	ng	99
41) Hexachlorocyclopentadiene	8.992	237	505385	99.47	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	331912	41.82	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122639.D
 Acq On : 10 Dec 2020 10:15
 Operator : JU/CG
 Sample : PB133460BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BS

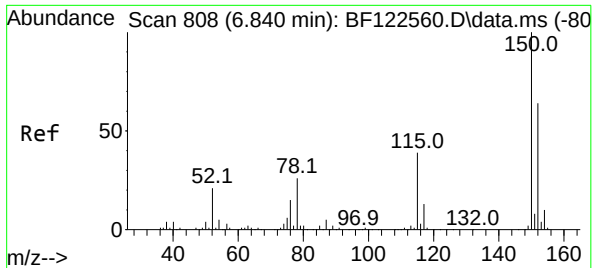
Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:21:06 PM

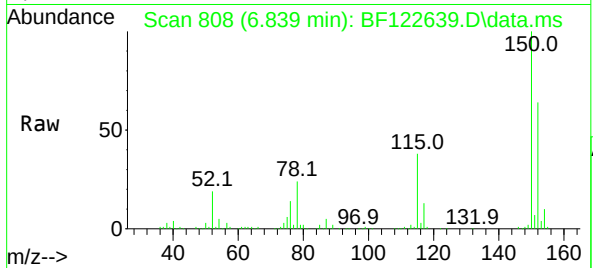
Quant Time: Dec 10 11:57:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	348131	42.44	ng	98
46) 1,1'-Biphenyl	9.304	154	1207675	41.94	ng	99
47) 2-Chloronaphthalene	9.328	162	962511	40.35	ng	99
48) 2-Nitroaniline	9.428	65	281317	40.45	ng	98
49) Acenaphthylene	9.745	152	1480867	42.03	ng	100
50) Dimethylphthalate	9.610	163	1139565	41.13	ng	99
51) 2,6-Dinitrotoluene	9.669	165	264234	45.15	ng	99
52) Acenaphthene	9.916	154	1034995m	45.40	ng	
53) 3-Nitroaniline	9.833	138	179177	26.50	ng	95
54) 2,4-Dinitrophenol	9.945	184	260961	91.21	ng	98
55) Dibenzofuran	10.086	168	1352874	42.19	ng	99
56) 4-Nitrophenol	10.004	139	401238	83.21	ng	90
57) 2,4-Dinitrotoluene	10.075	165	347070	44.52	ng	94
58) Fluorene	10.433	166	1043850	40.92	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	302930	42.03	ng	100
60) Diethylphthalate	10.304	149	1106257	41.05	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	504005	40.13	ng	97
62) 4-Nitroaniline	10.451	138	262133	38.19	ng	96
63) Azobenzene	10.580	77	1036960	41.86	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	188340	48.52	ng	90
66) n-Nitrosodiphenylamine	10.545	169	939280	41.76	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	349750	40.54	ng	97
68) Hexachlorobenzene	10.980	284	385216	40.39	ng	99
69) Atrazine	11.069	200	270085	36.97	ng	99
70) Pentachlorophenol	11.174	266	435833	86.26	ng	99
71) Phenanthrene	11.392	178	1570261	41.51	ng	100
72) Anthracene	11.445	178	1616079	43.08	ng	100
73) Carbazole	11.598	167	1440560	42.34	ng	100
74) Di-n-butylphthalate	11.927	149	1671456	39.10	ng	100
75) Fluoranthene	12.580	202	1660344	41.85	ng	100
77) Benzidine	12.698	184	642096	56.40	ng	99
78) Pyrene	12.810	202	1666469	40.95	ng	100
80) Butylbenzylphthalate	13.427	149	718515	39.20	ng	97
81) Benzo(a)anthracene	13.998	228	1473147	41.88	ng	98
82) 3,3'-Dichlorobenzidine	13.957	252	402468	31.94	ng	97
83) Chrysene	14.039	228	1464309	41.83	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	965371	38.46	ng	99
85) Di-n-octyl phthalate	14.598	149	1616625	38.82	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1340219	41.60	ng	99
88) Benzo(b)fluoranthene	15.045	252	1567930	45.54	ng	99
89) Benzo(k)fluoranthene	15.080	252	1293932	41.10	ng	99
90) Benzo(a)pyrene	15.409	252	1262346	41.90	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	1105104	41.91	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1099641	43.09	ng	99

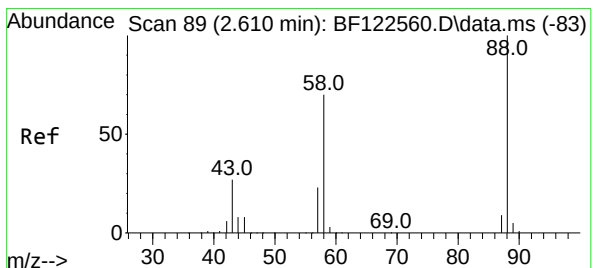
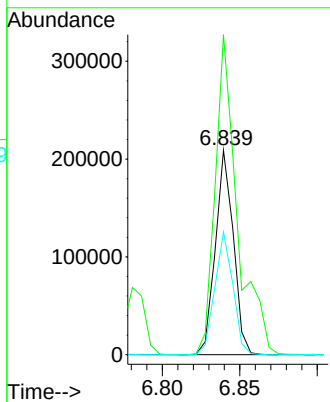
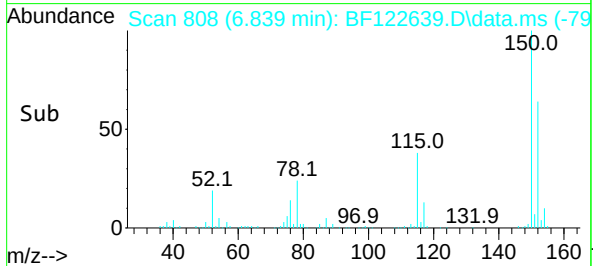
(#) = qualifier out of range (m) = manual integration (+) = signals summed



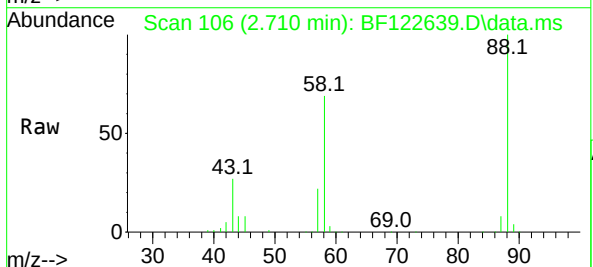
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



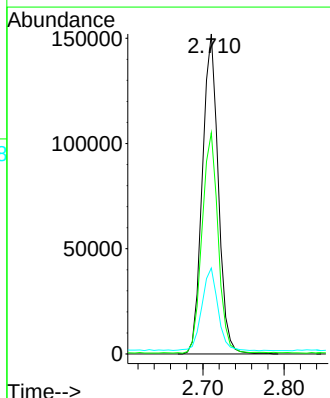
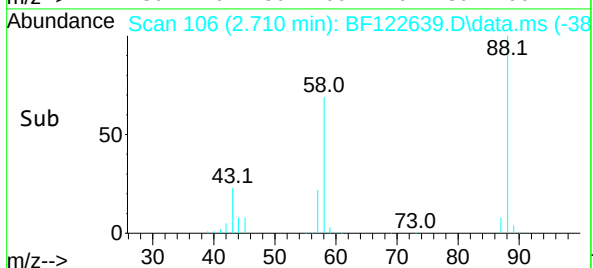
Tgt Ion:152 Resp: 168554
Ion Ratio Lower Upper
152 100
150 156.5 125.8 188.6
115 60.0 49.3 73.9



#2
1,4-Dioxane
Concen: 41.29 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.100 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



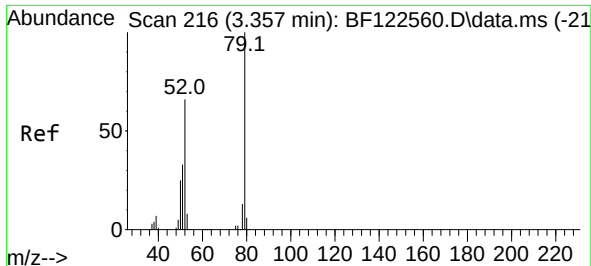
Tgt Ion: 88 Resp: 206648
Ion Ratio Lower Upper
88 100
58 69.4 56.2 84.2
43 26.2 21.8 32.6



Instrument :
BNA_F
ClientSampled :
PB133460BS

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



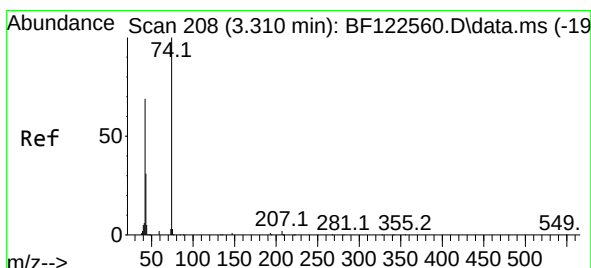
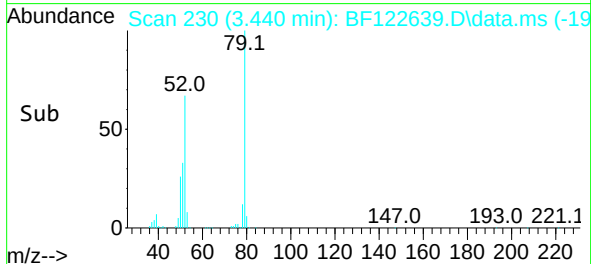
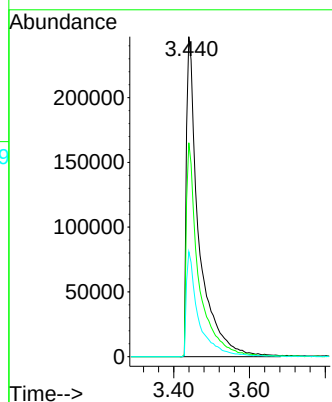
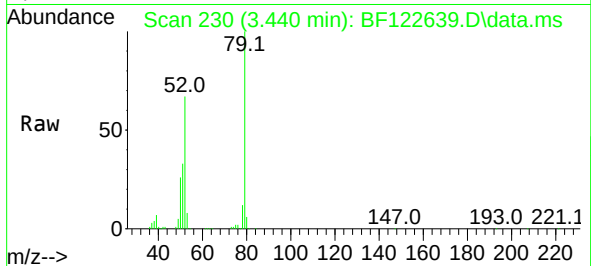
#3
Pyridine
Concen: 42.78 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.082 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 79 Resp: 565869
Ion Ratio Lower Upper
79 100
52 66.9 53.0 79.4
51 32.8 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
PB133460BS

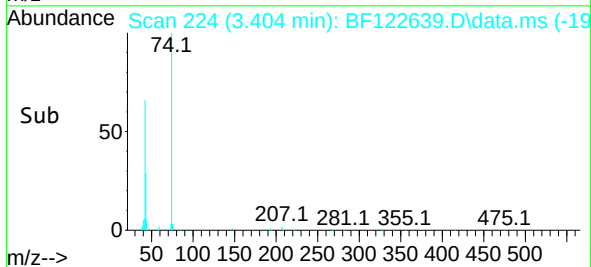
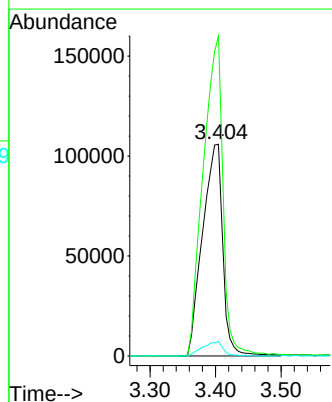
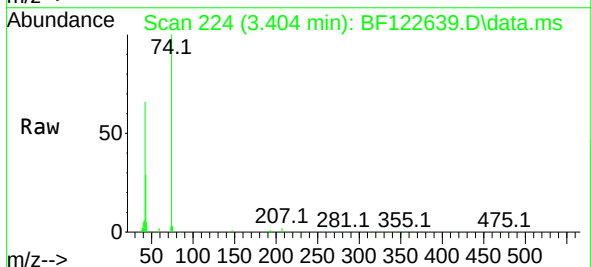
Manual Integrations
APPROVED

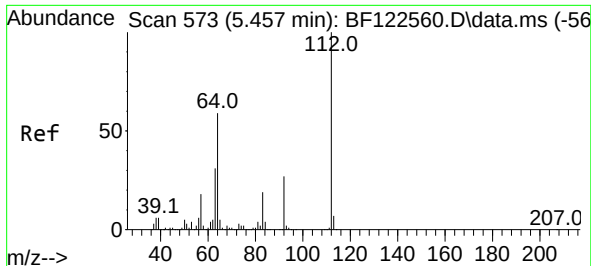
mohammad
12/11/2020 1:21:06 PM



#4
n-Nitrosodimethylamine
Concen: 42.88 ng
RT: 3.404 min Scan# 224
Delta R.T. 0.094 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

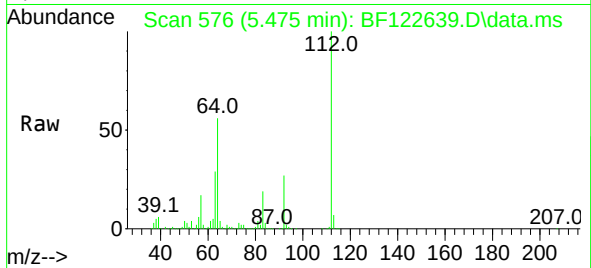
Tgt Ion: 42 Resp: 227435
Ion Ratio Lower Upper
42 100
74 151.2 115.2 172.8
44 6.8 5.4 8.0





#5
2-Fluorophenol
Concen: 114.64 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

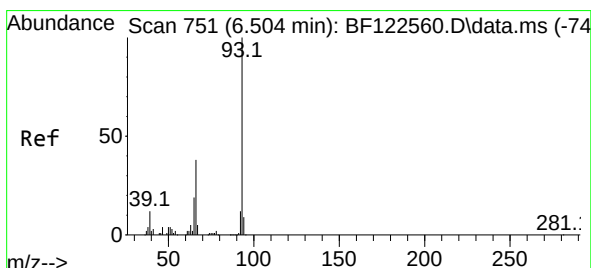
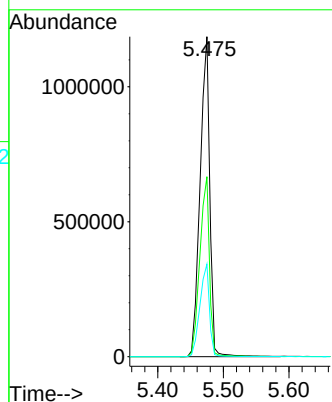
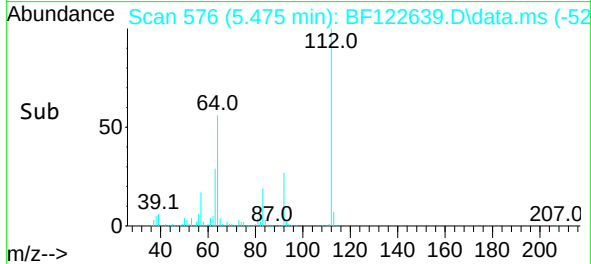
Instrument :
BNA_F
ClientSampleId :
PB133460BS



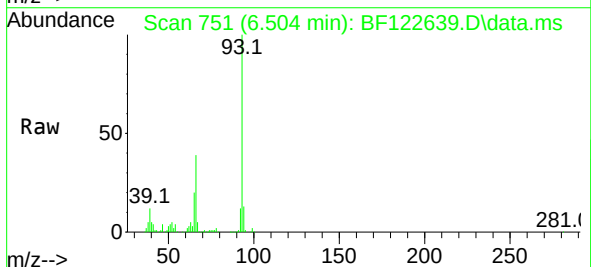
Tgt Ion:112 Resp: 1220561
Ion Ratio Lower Upper
112 100
64 56.2 46.9 70.3
63 28.9 24.5 36.7

Manual Integrations
APPROVED

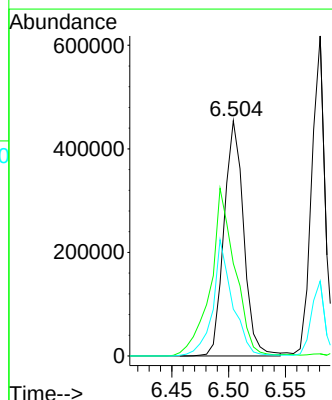
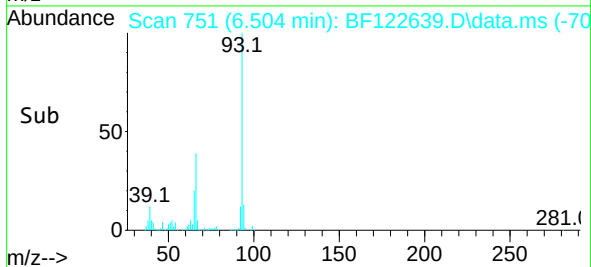
mohammad
12/11/2020 1:21:06 PM

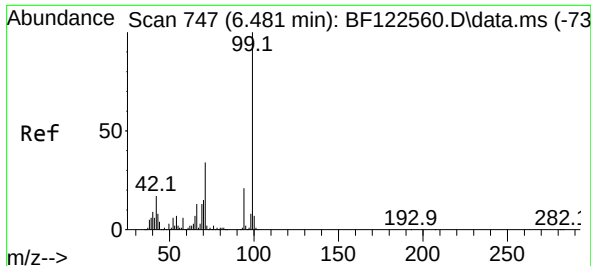


#6
Aniline
Concen: 32.87 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion: 93 Resp: 546386
Ion Ratio Lower Upper
93 100
66 39.3 31.3 46.9
65 19.9 15.6 23.4





#7
Phenol-d6
Concen: 112.39 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

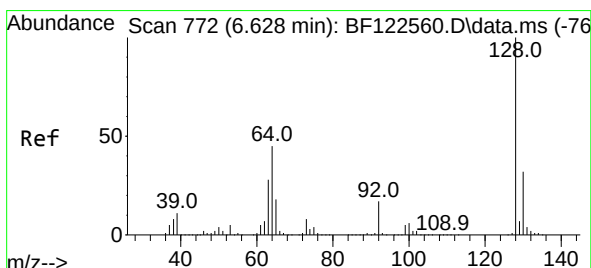
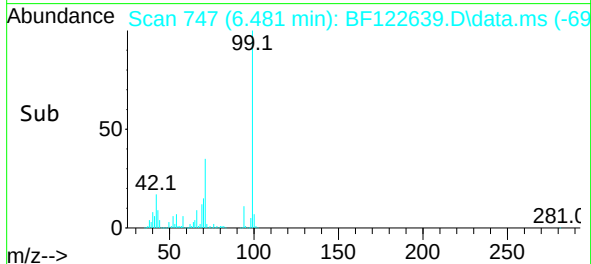
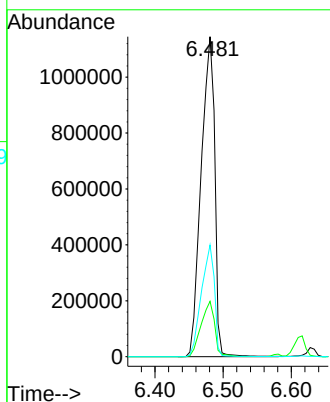
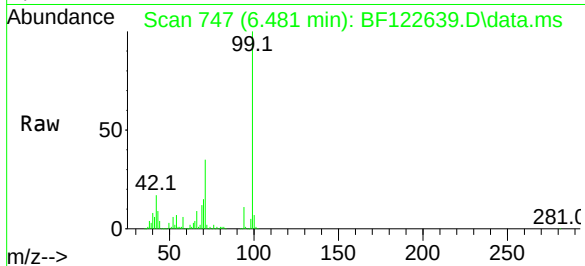
Tgt Ion: 99 Resp: 1586902

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.6
71	34.9	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

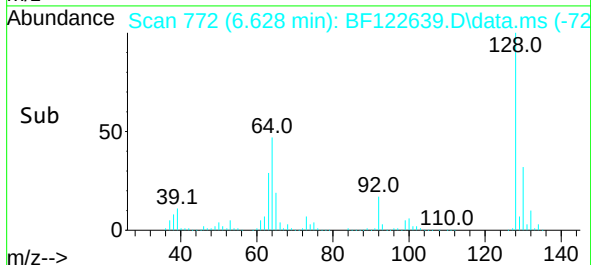
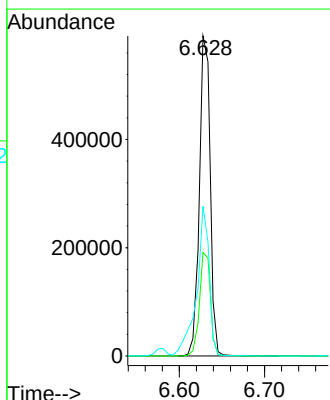
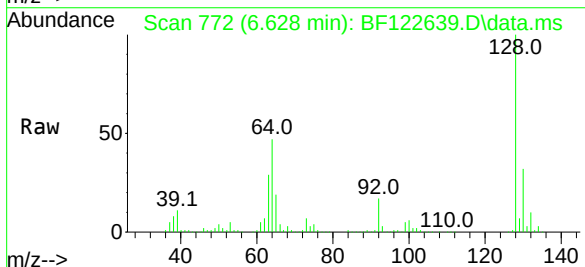
mohammad
12/11/2020 1:21:06 PM

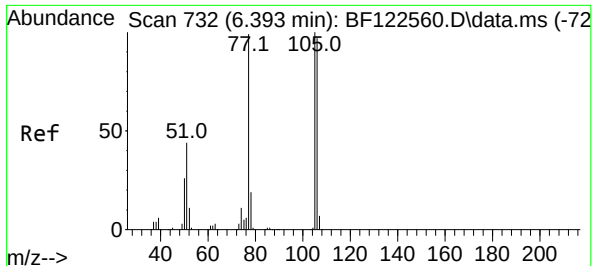


#8
2-Chlorophenol
Concen: 44.62 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:128 Resp: 523624

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	46.7	25.5	65.5





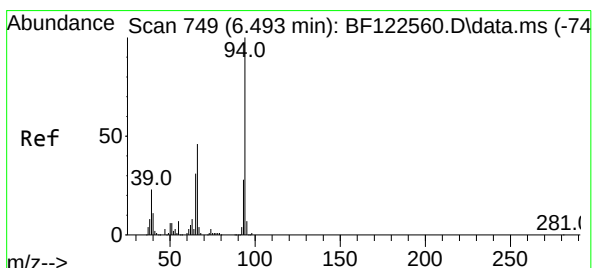
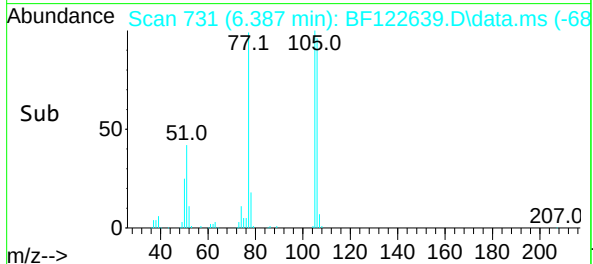
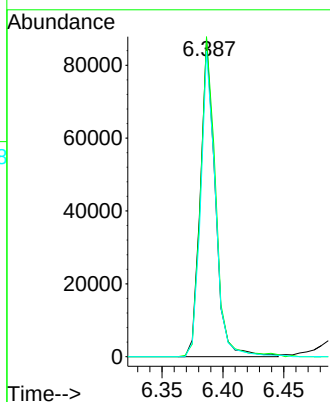
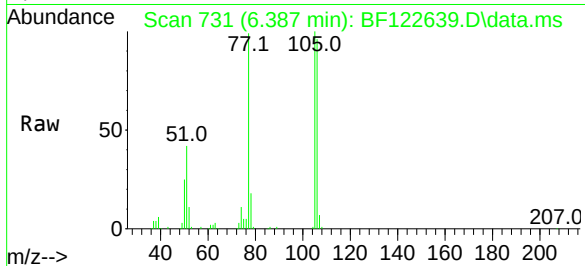
#9
Benzaldehyde
Concen: 8.63 ng
RT: 6.387 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 77	Resp: 73753		
Ion Ratio	Lower	Upper	
77	100		
105	100.6	80.6	120.6
106	96.1	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
PB133460BS

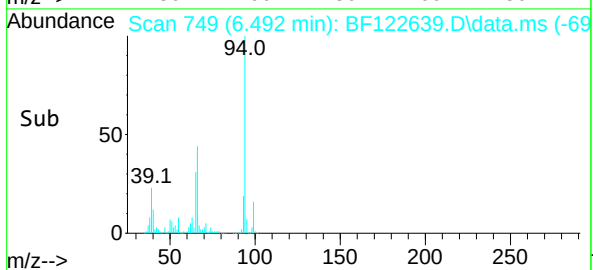
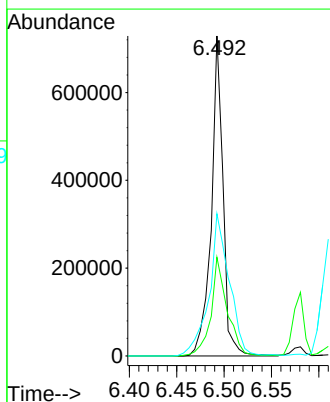
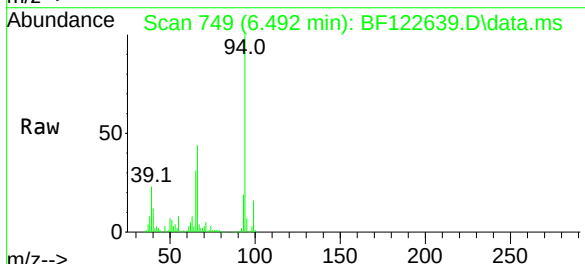
Manual Integrations
APPROVED

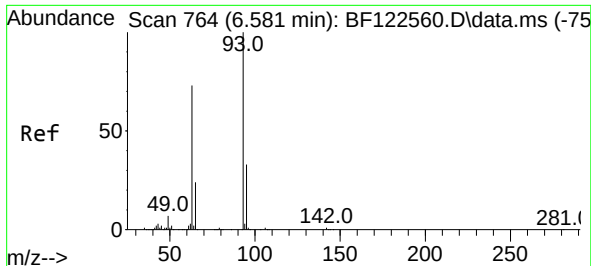
mohammad
12/11/2020 1:21:06 PM



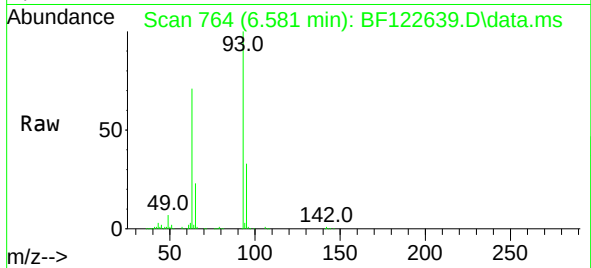
#10
Phenol
Concen: 42.92 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 94	Resp: 628033
Ion Ratio	Lower Upper
94 100	
65 30.8	11.2 51.2
66 44.4	25.8 65.8

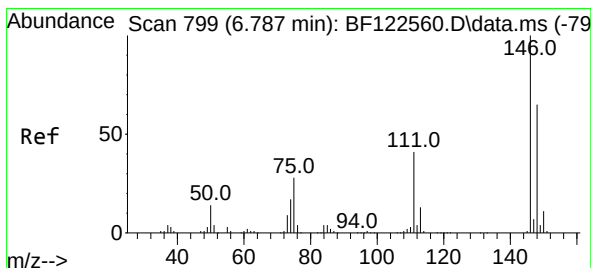
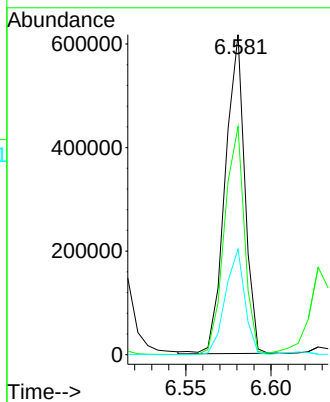
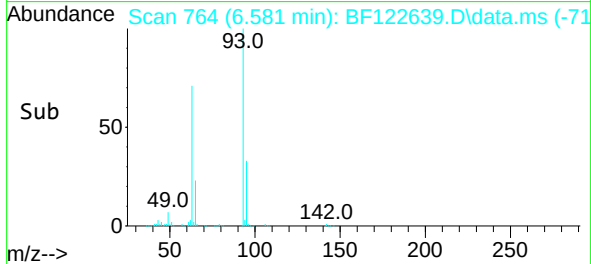




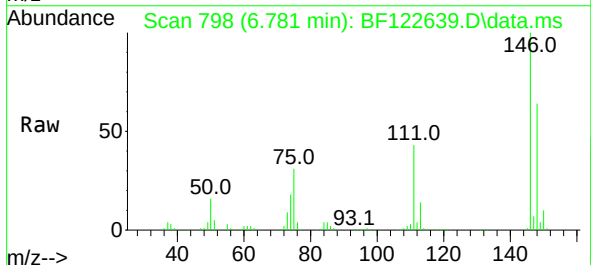
#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



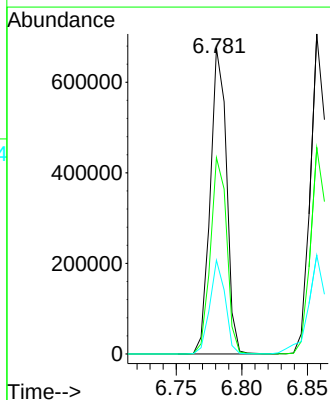
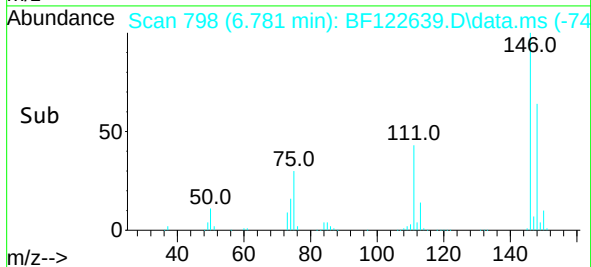
Tgt Ion: 93 Resp: 493554
Ion Ratio Lower Upper
93 100
63 71.3 52.6 92.6
95 33.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.04 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



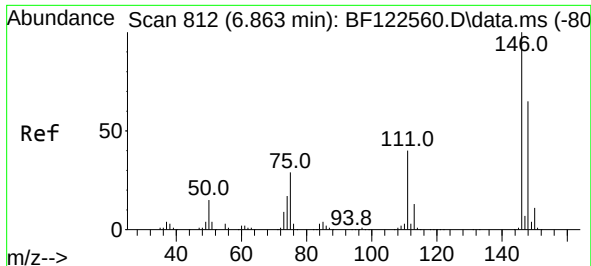
Tgt Ion: 146 Resp: 583787
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.7 22.5 33.7



Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#13

1,4-Dichlorobenzene

Concen: 41.85 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF122639.D

Acq: 10 Dec 2020 10:15

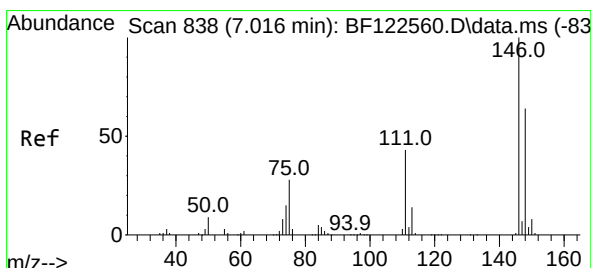
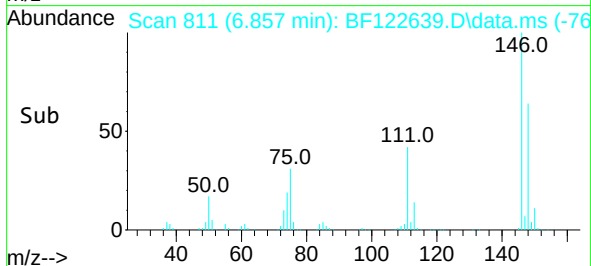
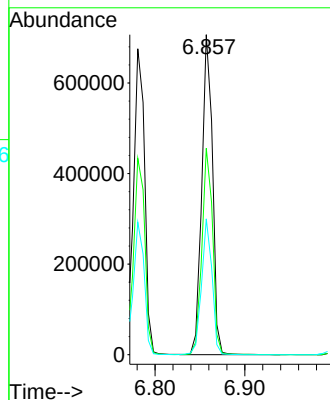
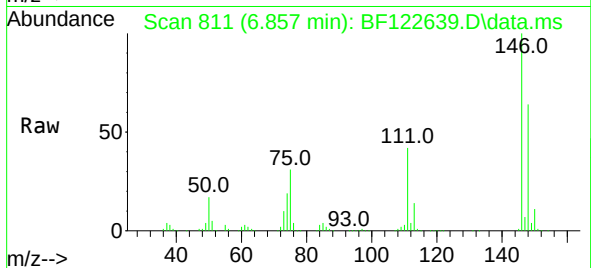
Tgt Ion:	146	Resp:	585955
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	42.5	32.3	48.5

Instrument :

BNA_F

ClientSampleId :

PB133460BS

Manual Integrations
APPROVEDmohammad
12/11/2020 1:21:06 PM

#14

1,2-Dichlorobenzene

Concen: 40.30 ng

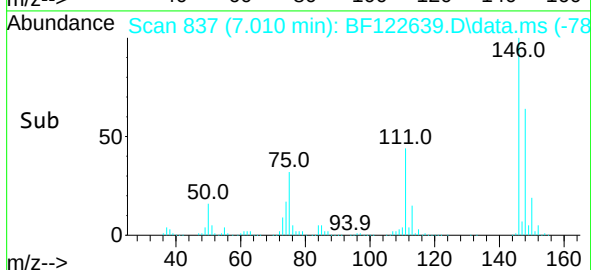
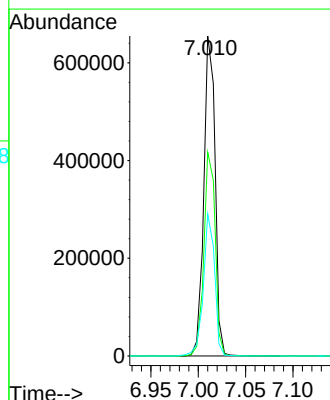
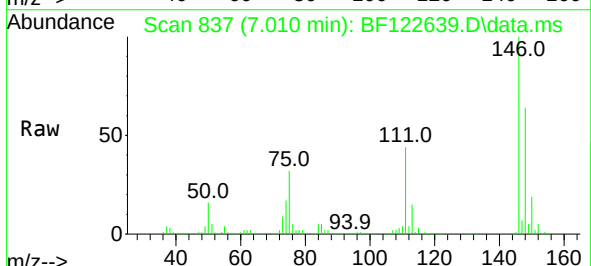
RT: 7.010 min Scan# 837

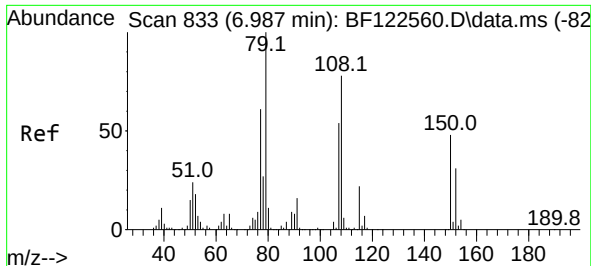
Delta R.T. -0.006 min

Lab File: BF122639.D

Acq: 10 Dec 2020 10:15

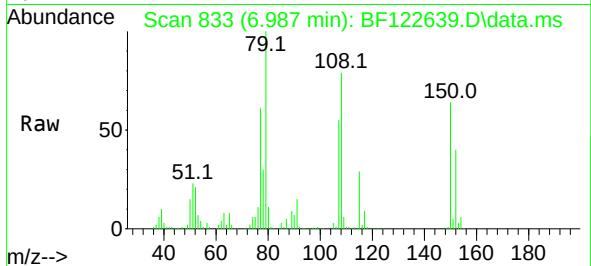
Tgt Ion:	146	Resp:	544670
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.5	77.3
111	44.4	34.2	51.2





#15
Benzyl Alcohol
Concen: 44.57 ng
RT: 6.987 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

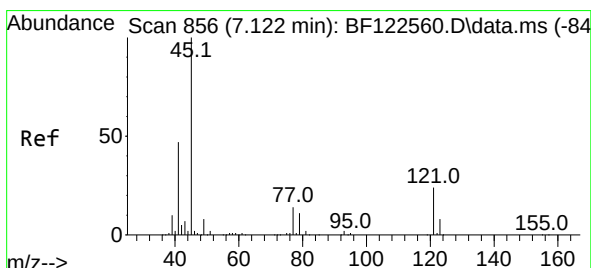
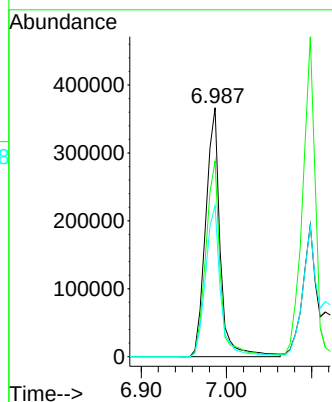
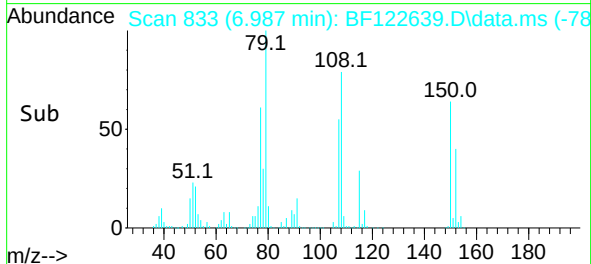
Instrument :
BNA_F
ClientSampleId :
PB133460BS



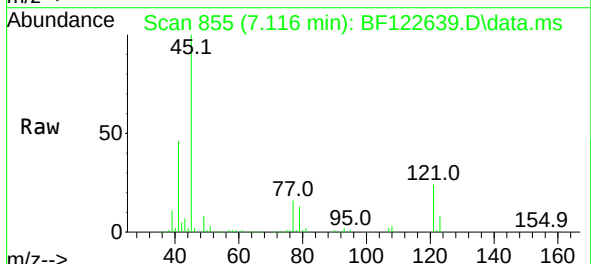
Tgt Ion: 79 Resp: 433312
Ion Ratio Lower Upper
79 100
108 78.6 62.4 93.6
77 60.7 49.0 73.6

Manual Integrations
APPROVED

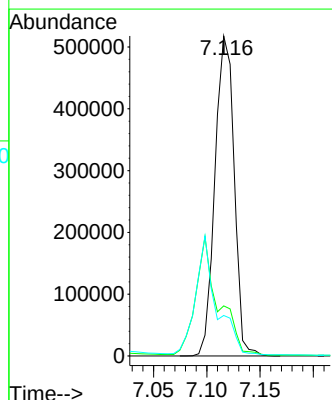
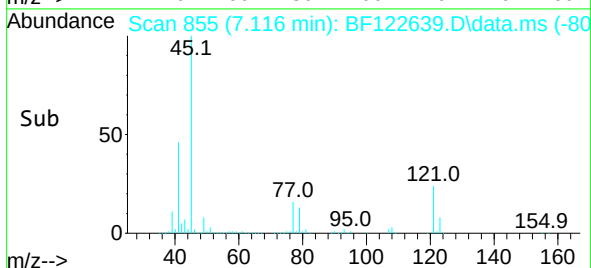
mohammad
12/11/2020 1:21:06 PM

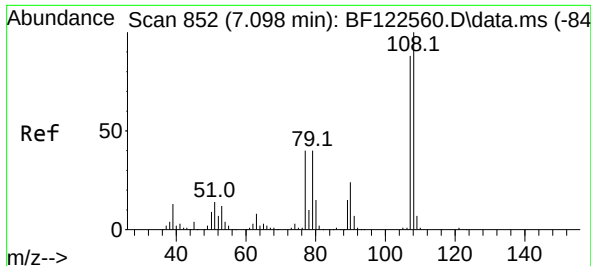


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.59 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

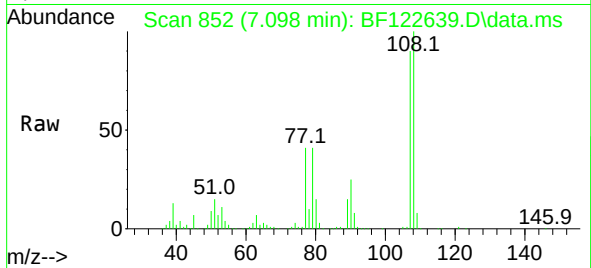


Tgt Ion: 45 Resp: 647020
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.6
79 12.7 0.0 32.4

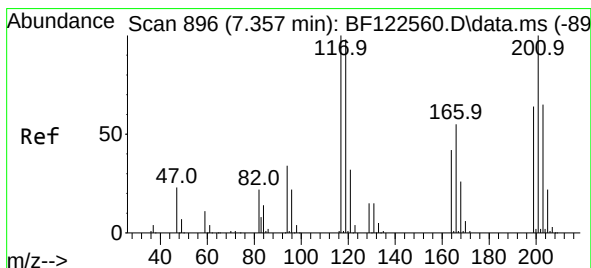
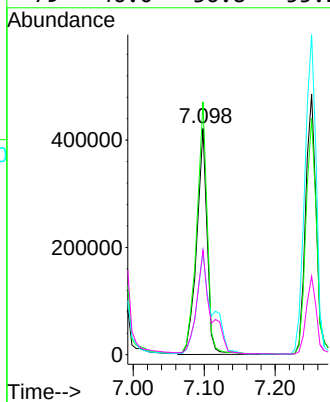
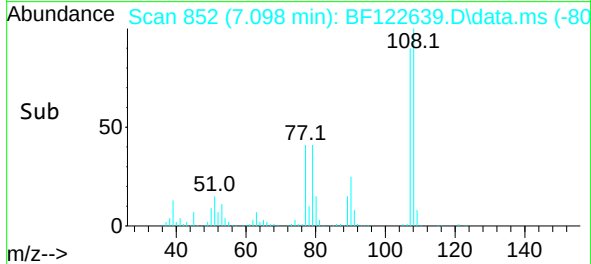




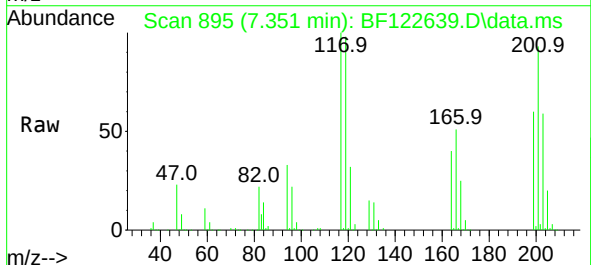
#17
2-Methylphenol
Concen: 46.65 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



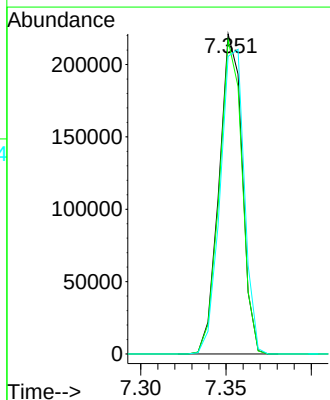
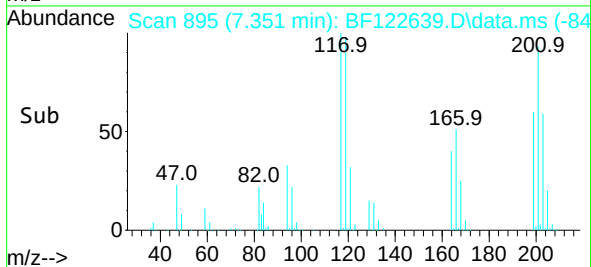
Tgt Ion:	107	Resp:	435212
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.1	136.7
77	45.8	36.3	54.5
79	46.0	36.8	55.2



#18
Hexachloroethane
Concen: 41.71 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



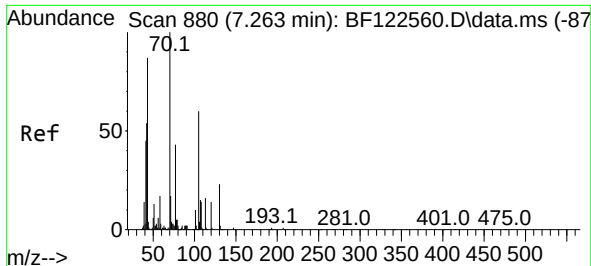
Tgt Ion:	117	Resp:	208123
Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.4	117.6
201	93.0	79.6	119.4



Instrument :
BNA_F
ClientSampleId :
PB133460BS

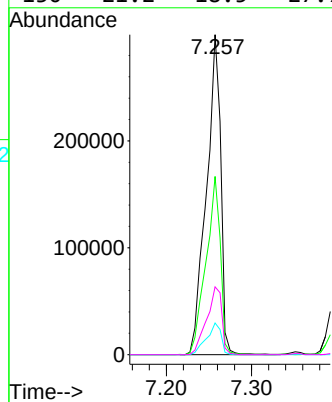
Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#19
n-Nitroso-di-n-propylamine
Concen: 43.39 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

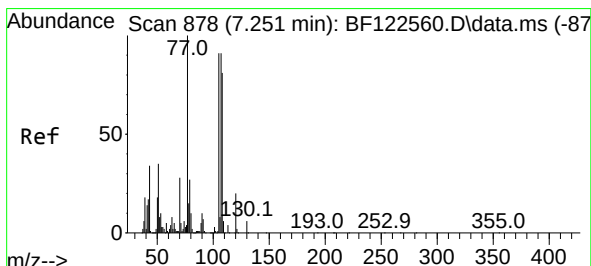
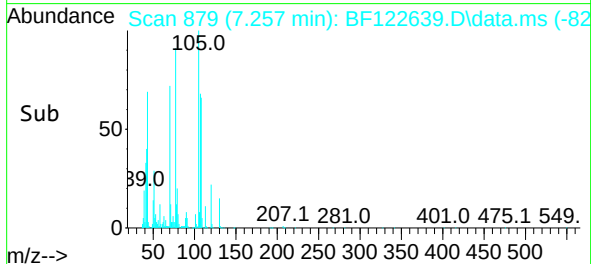
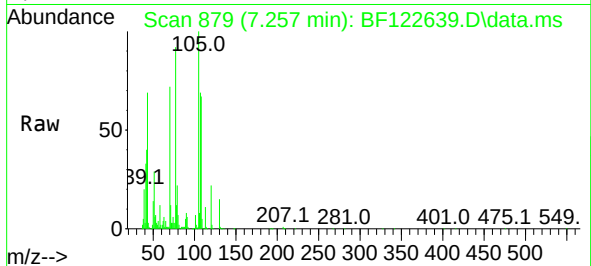
Tgt Ion:	70	Resp:	350973
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.0	64.4
101	9.9	7.9	11.9
130	21.2	18.5	27.7



Instrument :
BNA_F
ClientSampleId :
PB133460BS

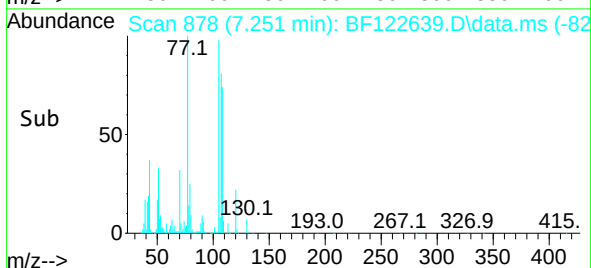
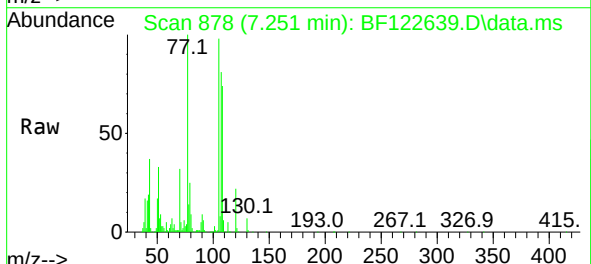
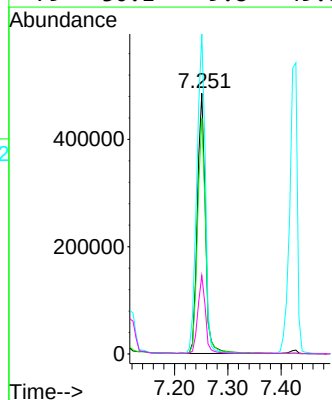
Manual Integrations
APPROVED

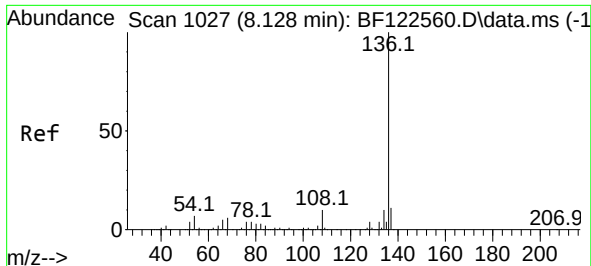
mohammad
12/11/2020 1:21:06 PM



#20
3+4-Methylphenols
Concen: 42.81 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

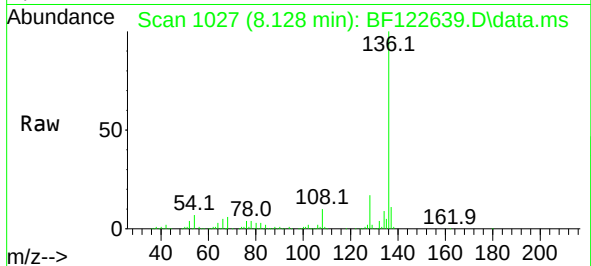
Tgt Ion:	107	Resp:	504444
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.7	108.7
77	122.8	89.8	129.8
79	30.1	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

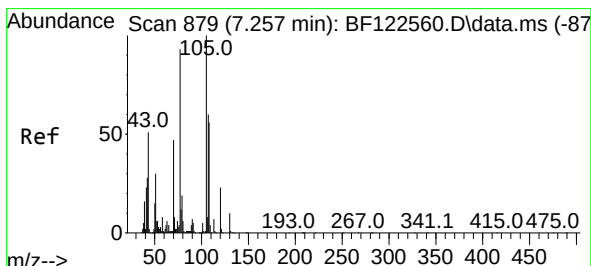
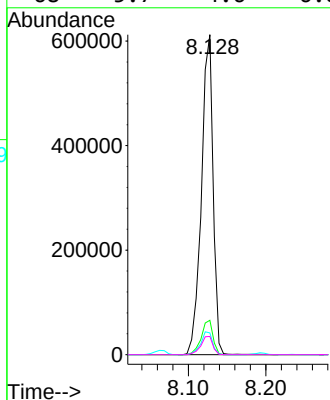
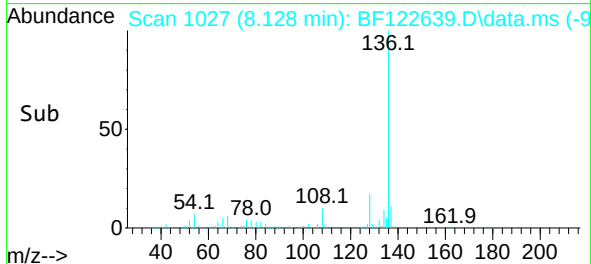
Instrument :
BNA_F
ClientSampleId :
PB133460BS



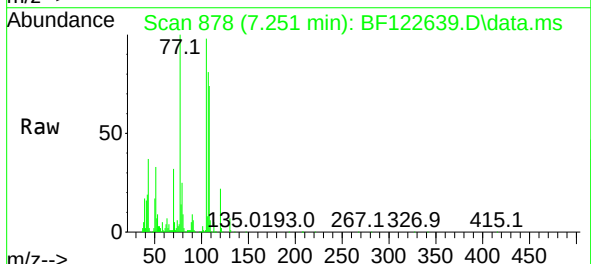
Tgt Ion:	136	Resp:	640490
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	6.8	5.5	8.3
68	5.7	4.6	6.8

Manual Integrations
APPROVED

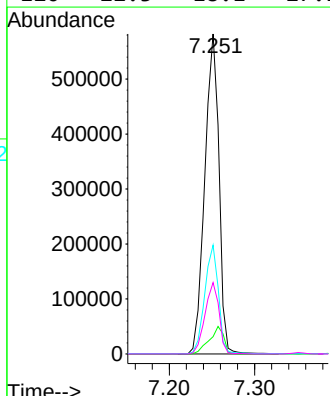
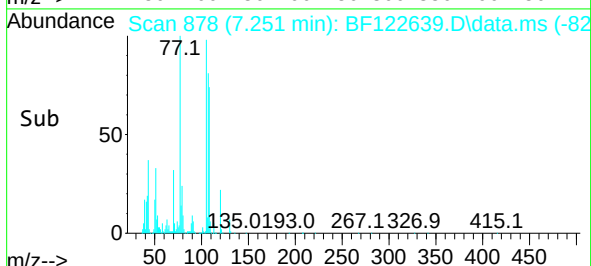
mohammad
12/11/2020 1:21:06 PM

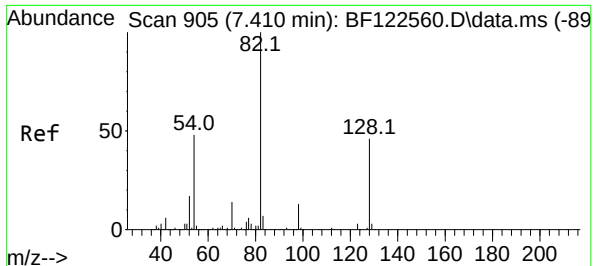


#22
Acetophenone
Concen: 42.24 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:	105	Resp:	672636
Ion Ratio	Lower	Upper	
105	100		
71	5.4	6.5	9.7#
51	34.0	24.3	36.5
120	22.3	18.1	27.1





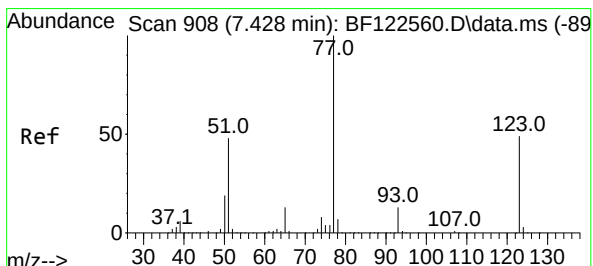
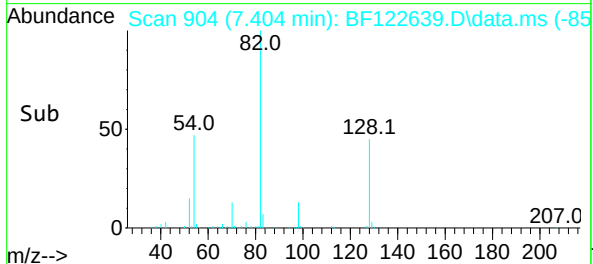
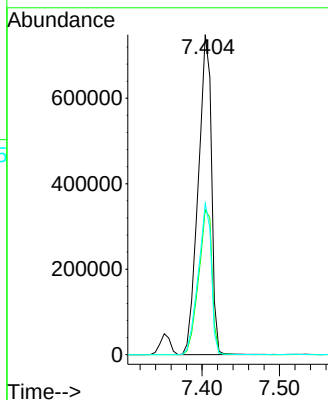
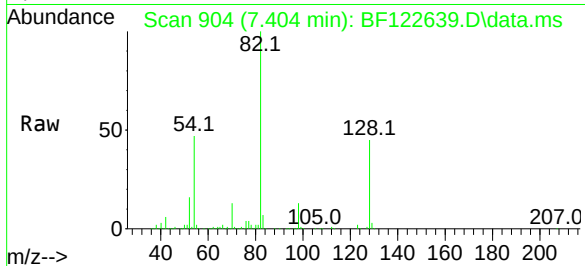
#23
Nitrobenzene-d5
Concen: 69.43 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 82 Resp: 887580
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 47.3 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
PB133460BS

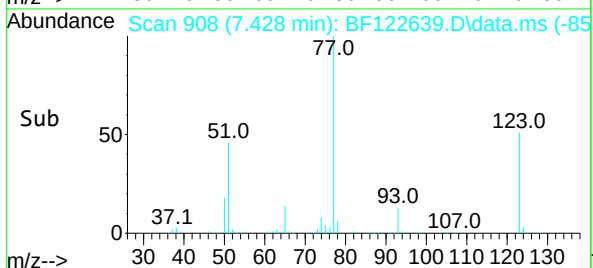
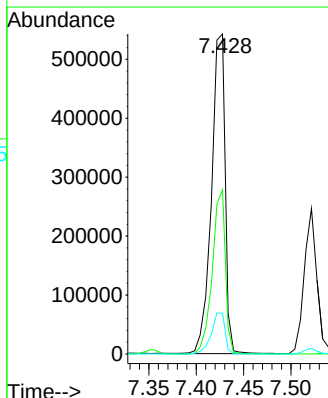
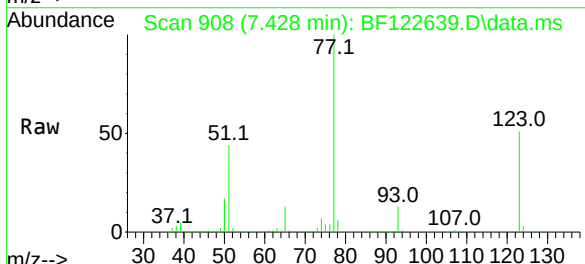
Manual Integrations
APPROVED

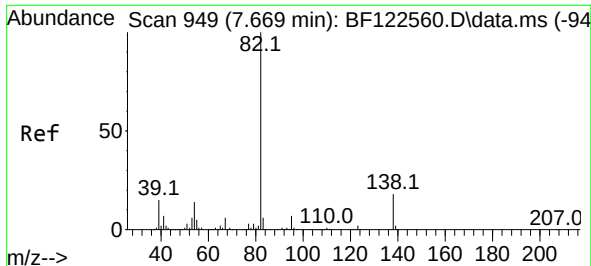
mohammad
12/11/2020 1:21:06 PM



#24
Nitrobenzene
Concen: 42.85 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

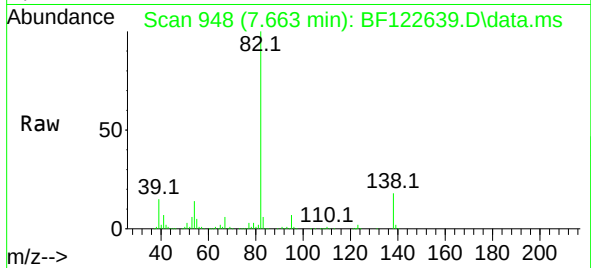
Tgt Ion: 77 Resp: 544930
Ion Ratio Lower Upper
77 100
123 51.3 39.3 58.9
65 12.7 10.6 15.8





#25
Isophorone
Concen: 44.33 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

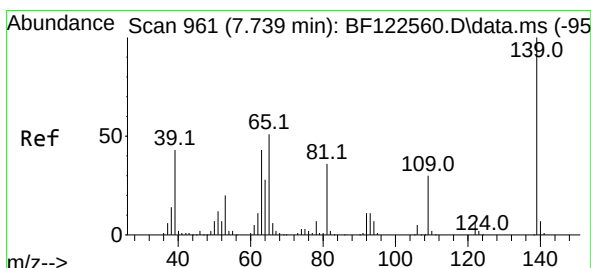
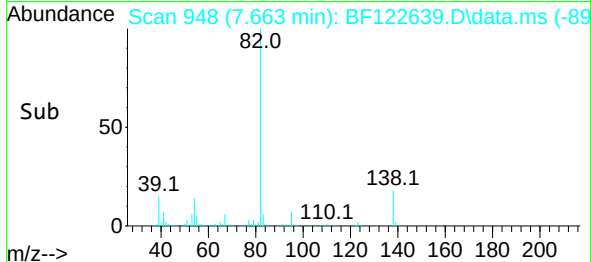
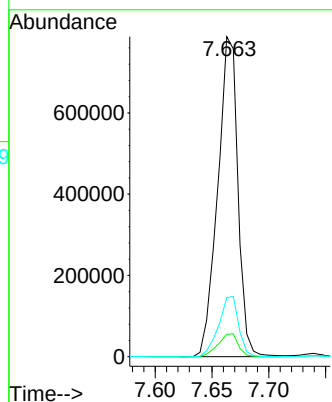
Instrument :
BNA_F
ClientSampled :
PB133460BS



Tgt Ion: 82 Resp: 975963
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 18.5 14.6 21.8

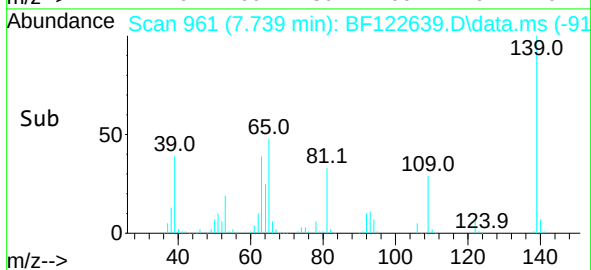
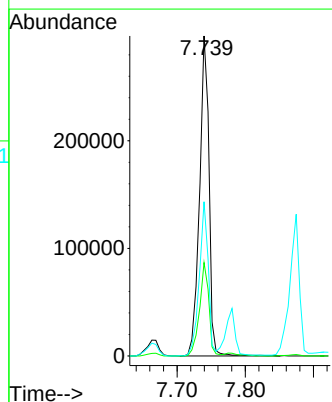
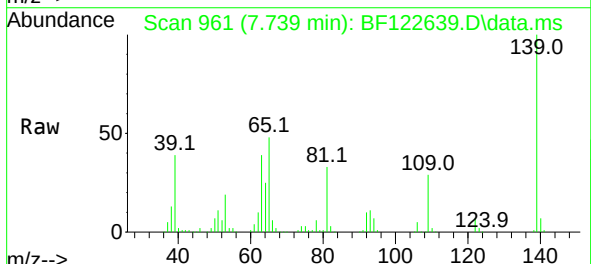
Manual Integrations
APPROVED

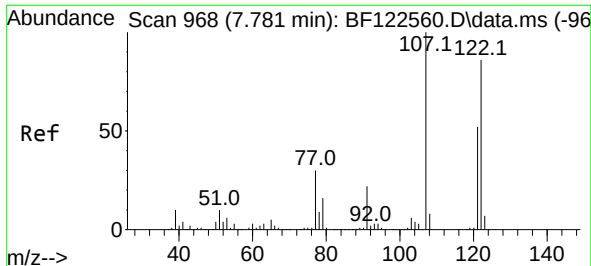
mohammad
12/11/2020 1:21:06 PM



#26
2-Nitrophenol
Concen: 46.37 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 139 Resp: 287593
Ion Ratio Lower Upper
139 100
109 29.2 24.0 36.0
65 48.2 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 51.20 ng

RT: 7.781 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF122639.D

Acq: 10 Dec 2020 10:15

Tgt Ion:	122	Resp:	465490
Ion	Ratio	Lower	Upper
122	100		
107	112.3	91.8	137.8
121	58.6	47.3	70.9

Instrument :

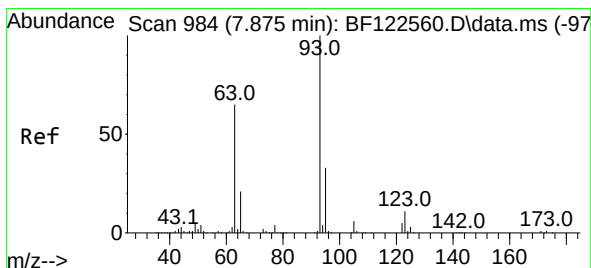
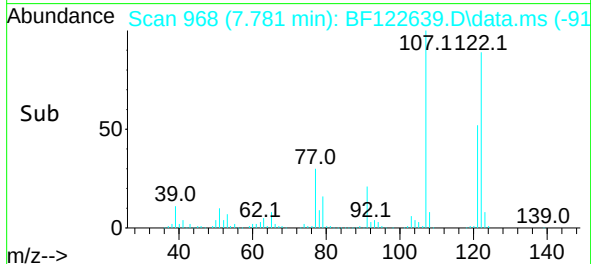
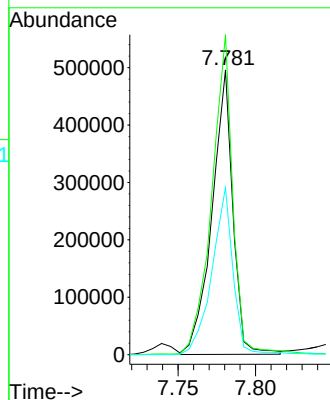
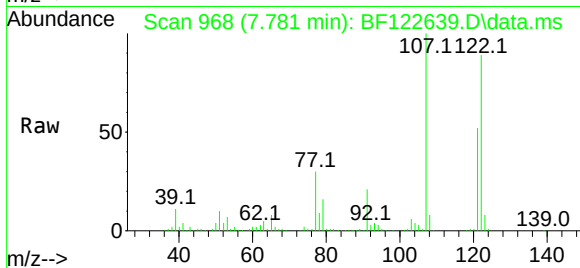
BNA_F

ClientSampleId :

PB133460BS

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.39 ng

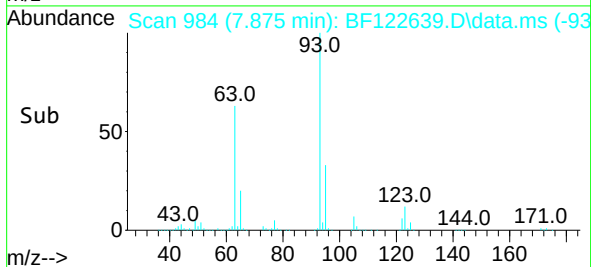
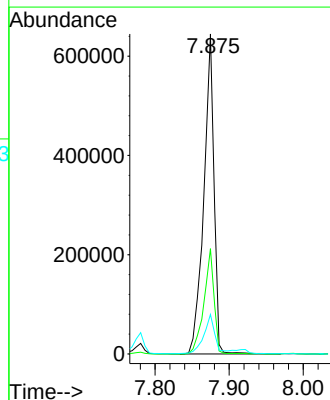
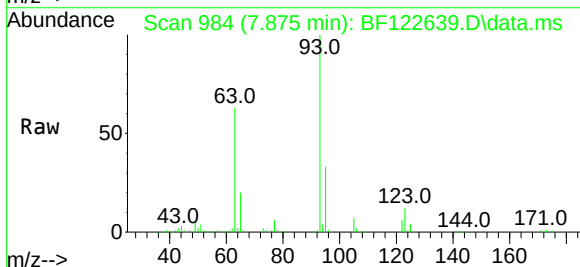
RT: 7.875 min Scan# 984

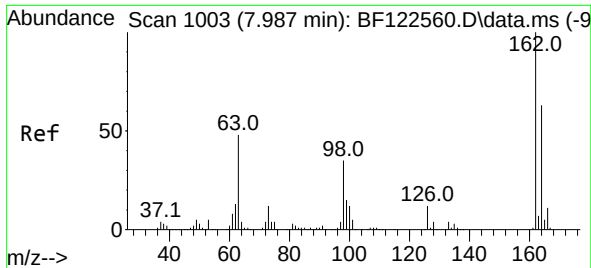
Delta R.T. -0.000 min

Lab File: BF122639.D

Acq: 10 Dec 2020 10:15

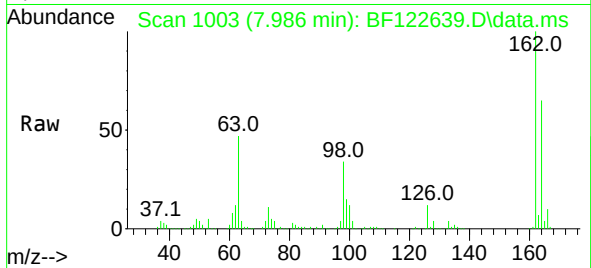
Tgt Ion:	93	Resp:	624048
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.2
123	12.4	9.2	13.8





#29
2,4-Dichlorophenol
Concen: 43.33 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

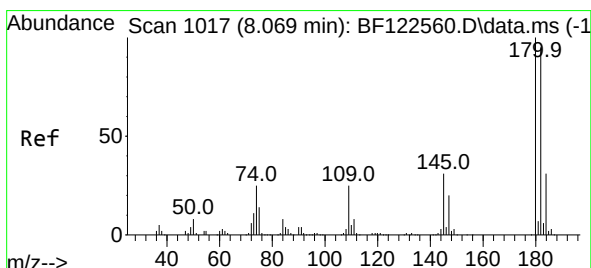
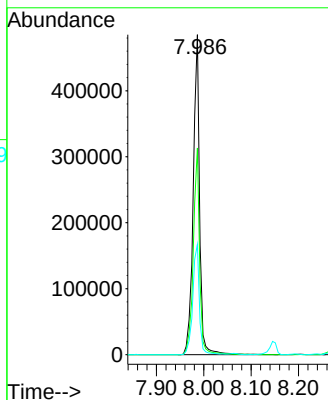
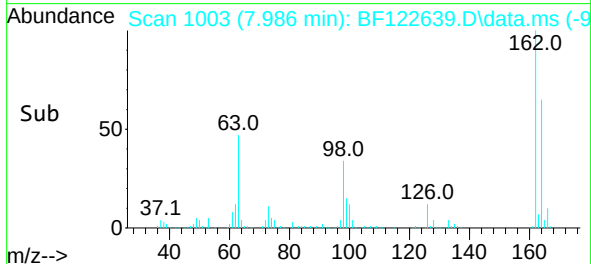
Instrument :
BNA_F
ClientSampleId :
PB133460BS



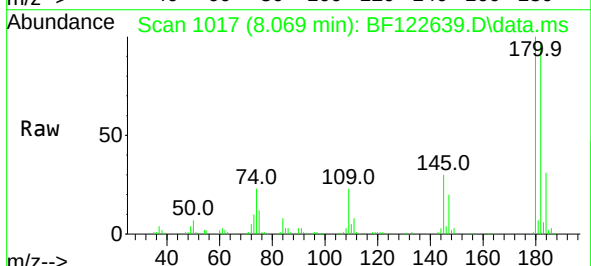
Tgt Ion:162 Resp: 460061
Ion Ratio Lower Upper
162 100
164 64.6 43.2 83.2
98 34.5 15.2 55.2

Manual Integrations
APPROVED

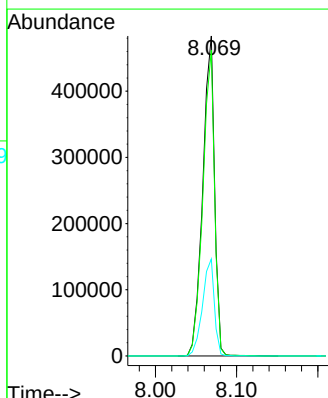
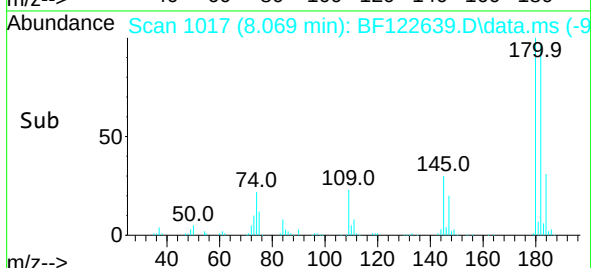
mohammad
12/11/2020 1:21:06 PM

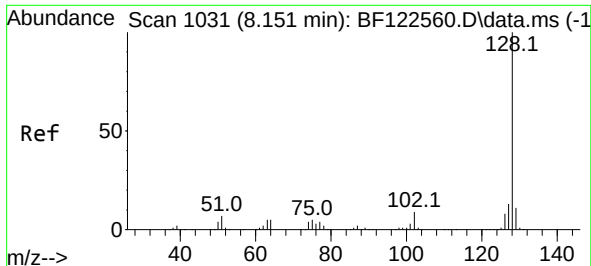


#30
1,2,4-Trichlorobenzene
Concen: 40.54 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

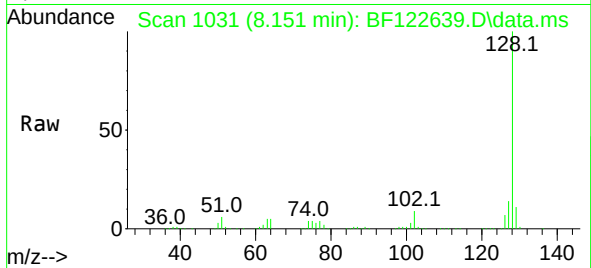


Tgt Ion:180 Resp: 487597
Ion Ratio Lower Upper
180 100
182 95.6 75.7 113.5
145 30.3 25.0 37.4

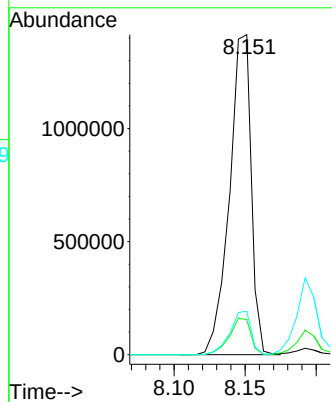
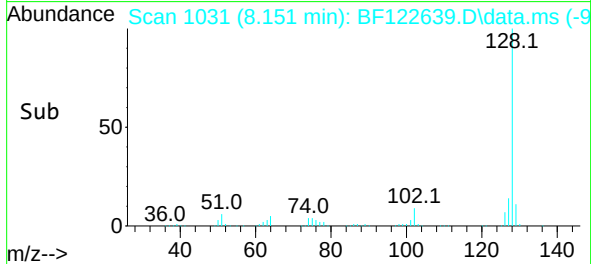




#31
Naphthalene
Concen: 42.75 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



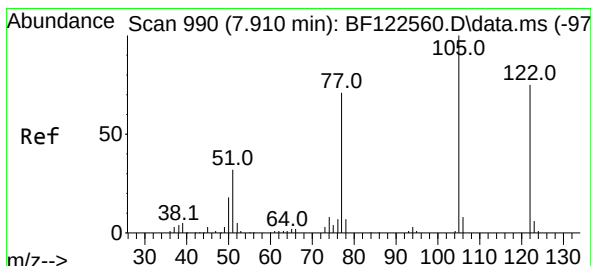
Tgt Ion:128 Resp: 1510769
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.5 10.7 16.1



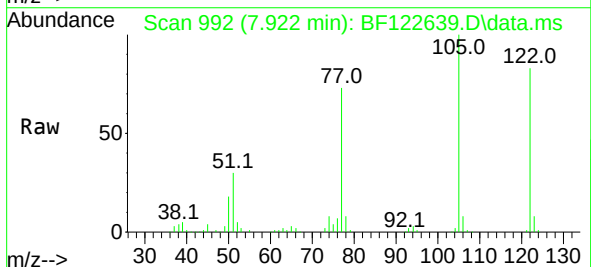
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

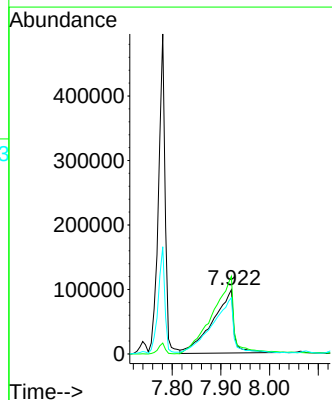
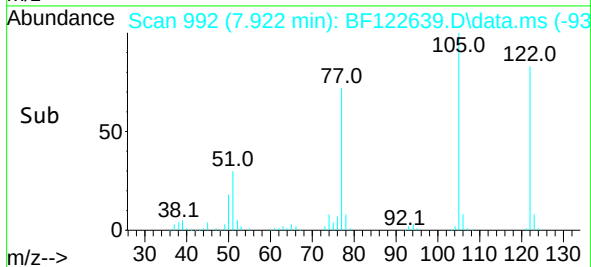
mohammad
12/11/2020 1:21:06 PM

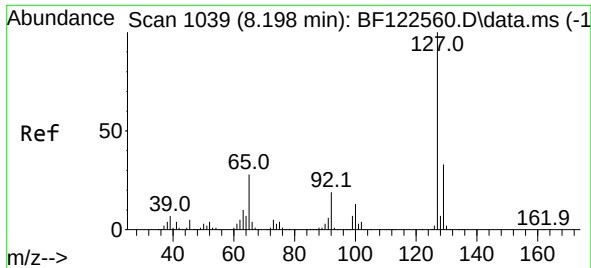


#32
Benzoic acid
Concen: 41.47 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.012 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:122 Resp: 300412
Ion Ratio Lower Upper
122 100
105 120.8 104.8 144.8
77 87.6 71.0 111.0





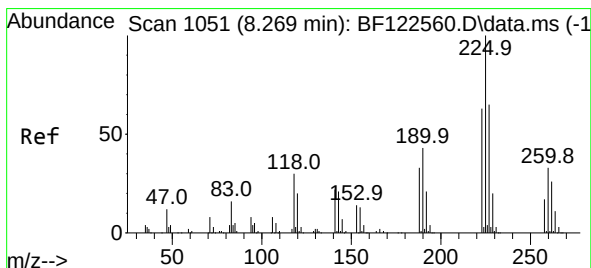
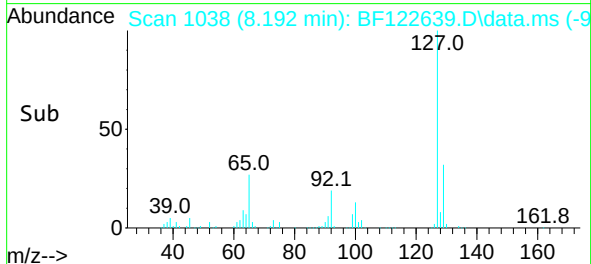
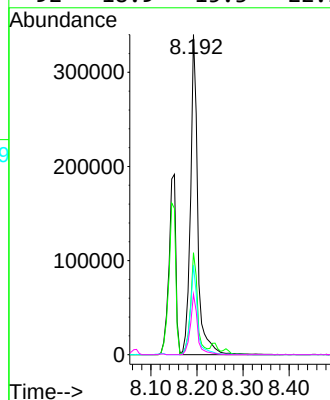
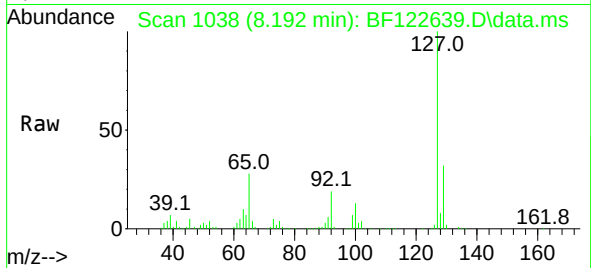
#33
4-Chloroaniline
Concen: 25.22 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	27.8	22.2	33.2
92	18.9	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
PB133460BS

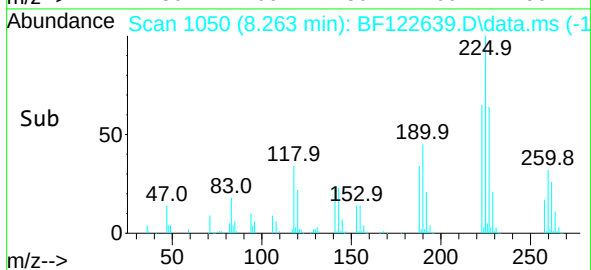
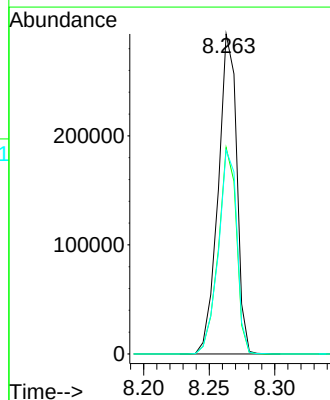
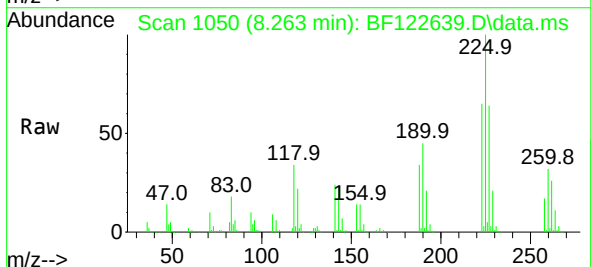
Manual Integrations
APPROVED

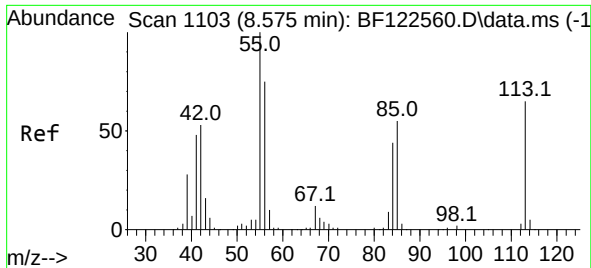
mohammad
12/11/2020 1:21:06 PM



#34
Hexachlorobutadiene
Concen: 38.87 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.7	76.1
227	63.8	51.7	77.5





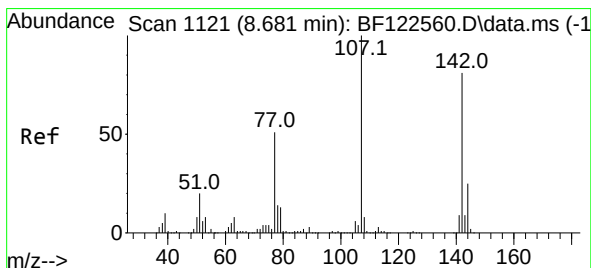
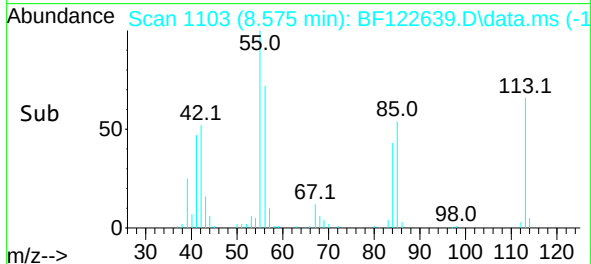
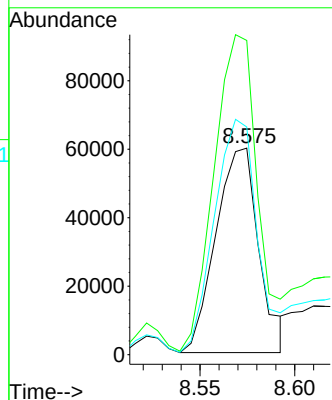
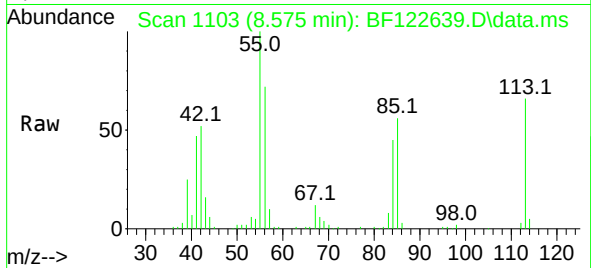
#35
Caprolactam
Concen: 29.49 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:113 Resp: 94288
Ion Ratio Lower Upper
113 100
55 152.1 133.7 173.7
56 110.2 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
PB133460BS

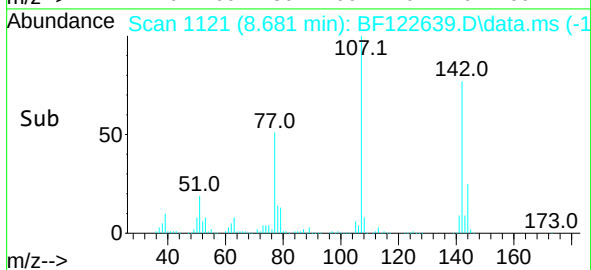
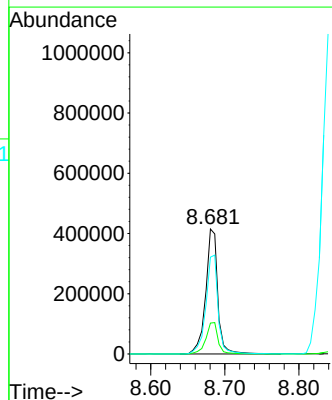
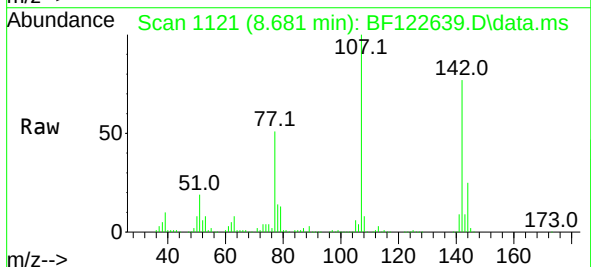
Manual Integrations
APPROVED

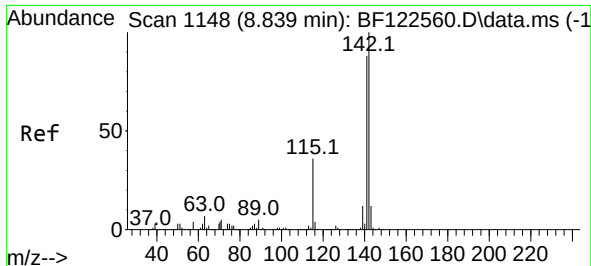
mohammad
12/11/2020 1:21:06 PM



#36
4-Chloro-3-methylphenol
Concen: 45.23 ng
RT: 8.681 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:107 Resp: 472949
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.2
142 77.4 64.4 96.6





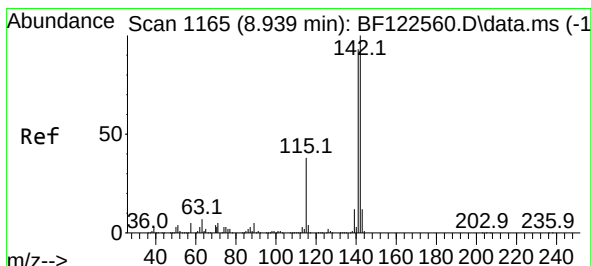
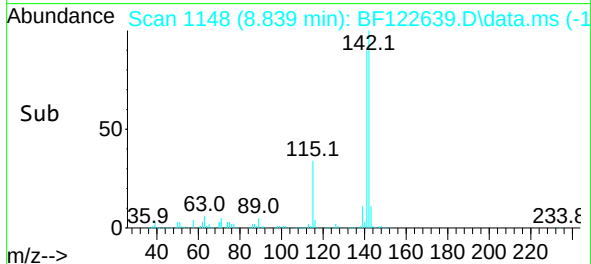
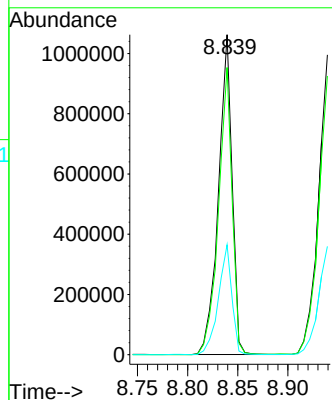
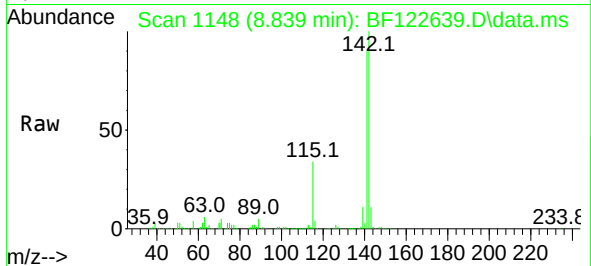
#37
2-Methylnaphthalene
Concen: 43.14 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:142 Resp: 1008570
Ion Ratio Lower Upper
142 100
141 89.7 70.6 106.0
115 34.3 28.7 43.1

Instrument :
BNA_F
ClientSampleId :
PB133460BS

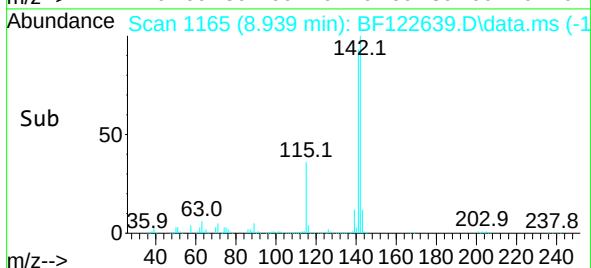
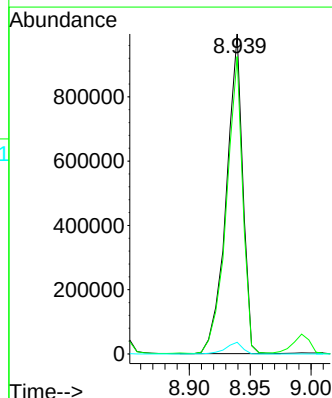
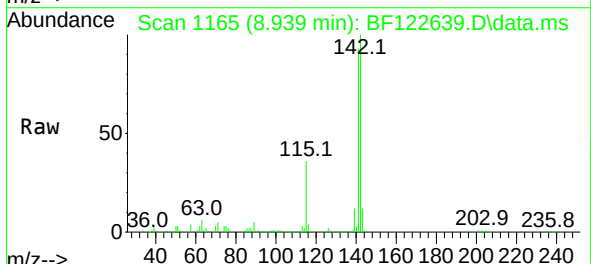
Manual Integrations
APPROVED

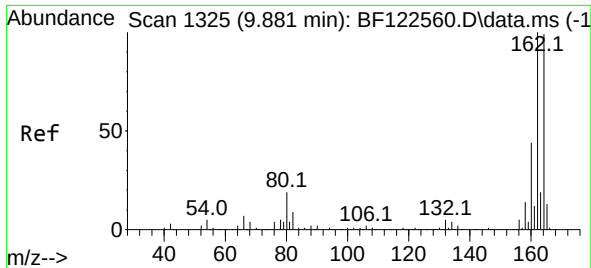
mohammad
12/11/2020 1:21:06 PM



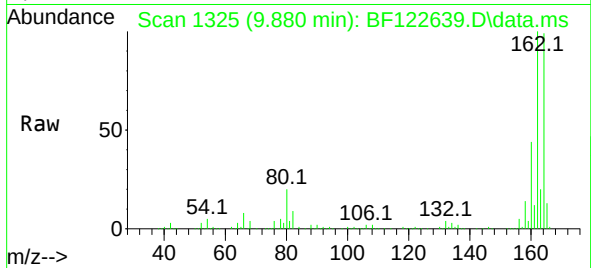
#38
1-Methylnaphthalene
Concen: 42.42 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:142 Resp: 938253
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7
116 3.7 3.2 4.8

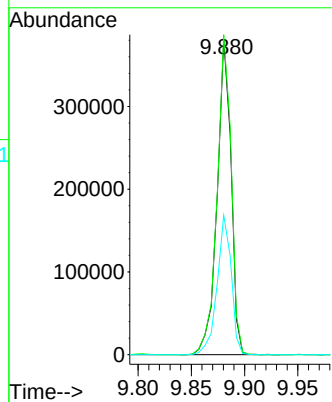
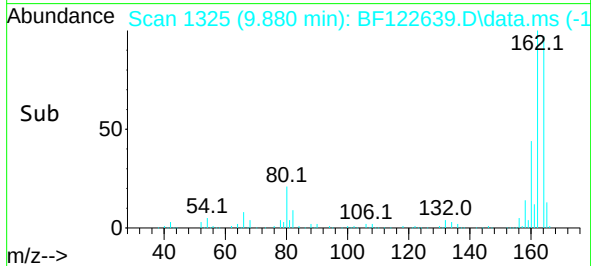




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



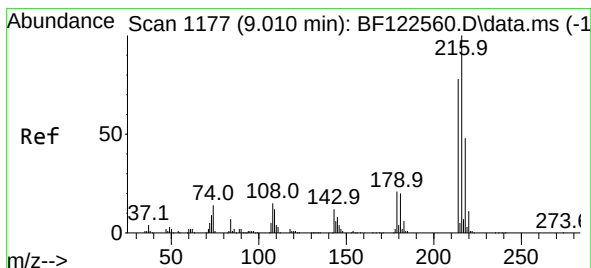
Tgt Ion:164 Resp: 346950
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.2 35.4 53.0



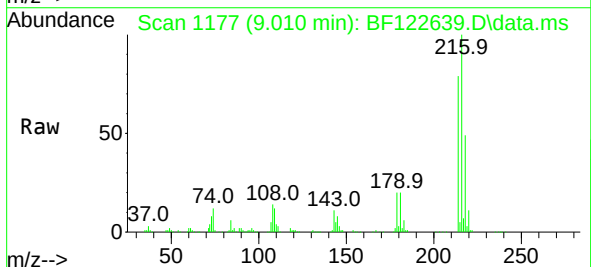
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

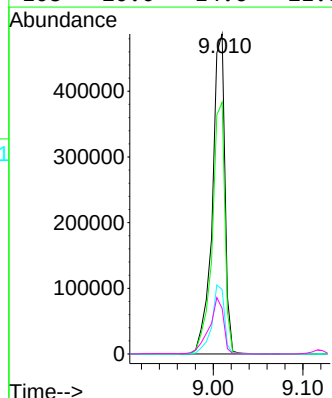
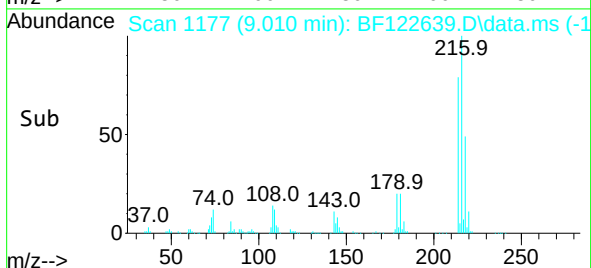
mohammad
12/11/2020 1:21:06 PM

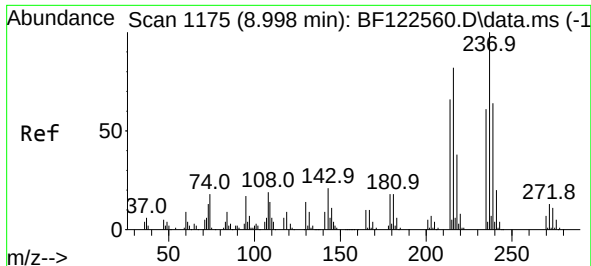


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.28 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:216 Resp: 474412
Ion Ratio Lower Upper
216 100
214 79.0 63.1 94.7
179 21.4 17.1 25.7
108 20.0 14.6 21.8





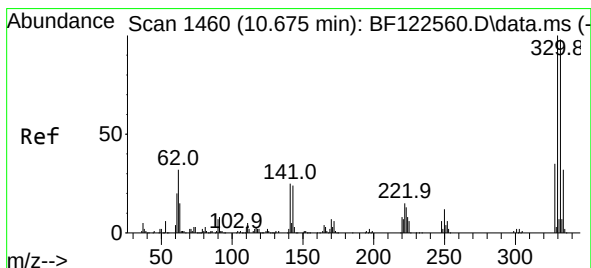
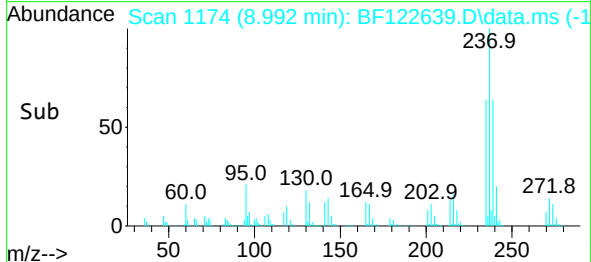
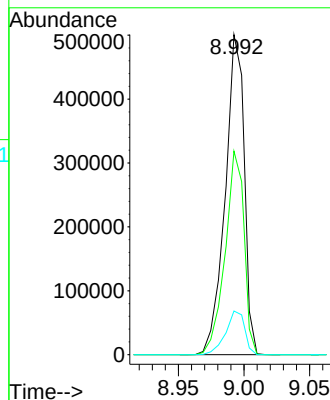
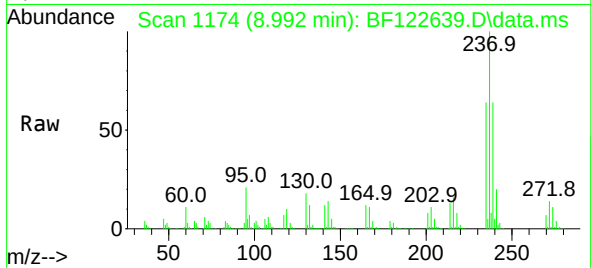
#41
Hexachlorocyclopentadiene
Concen: 99.47 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 237 Resp: 505385
Ion Ratio Lower Upper
237 100
235 63.6 40.9 80.9
272 13.6 0.0 33.4

Instrument :
BNA_F
ClientSampled :
PB133460BS

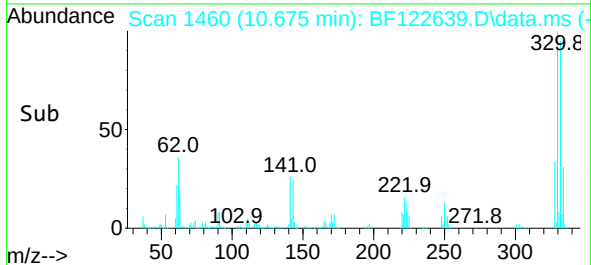
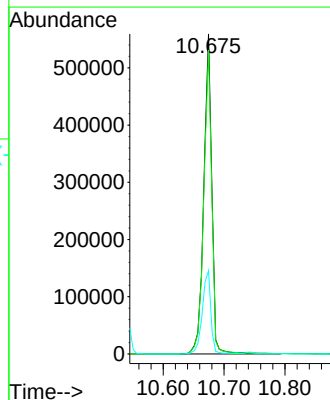
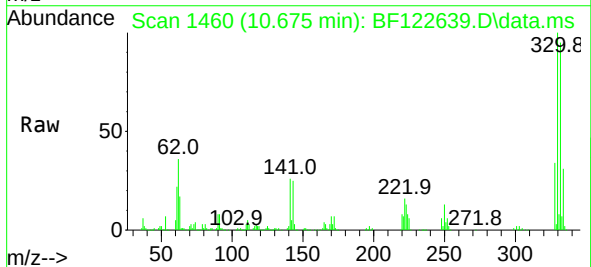
Manual Integrations
APPROVED

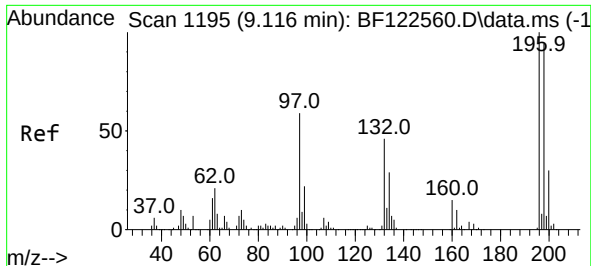
mohammad
12/11/2020 1:21:06 PM



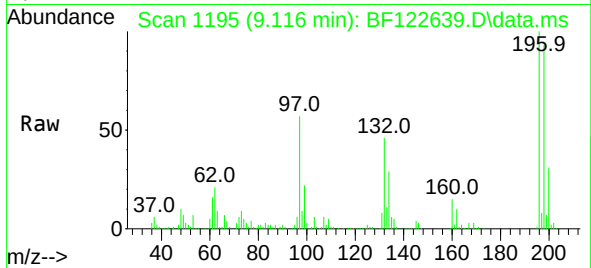
#42
2,4,6-Tribromophenol
Concen: 113.12 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion: 330 Resp: 513719
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 27.8 23.8 35.8

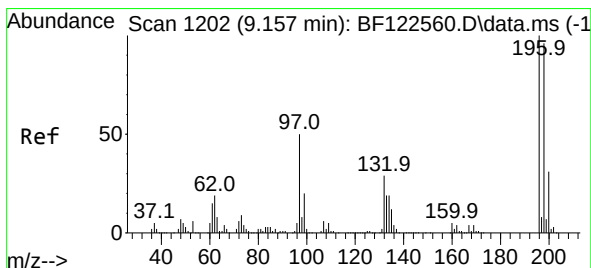
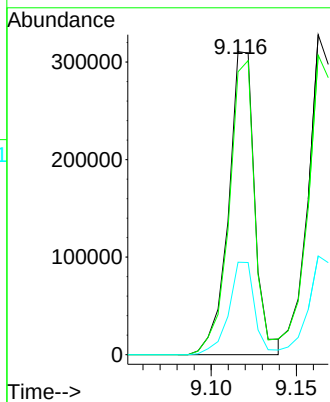
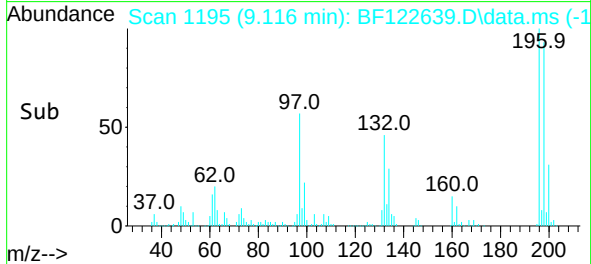




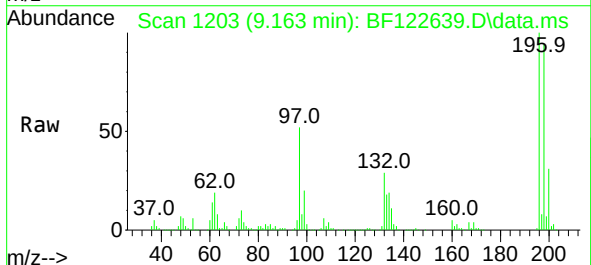
#43
2,4,6-Trichlorophenol
Concen: 41.82 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



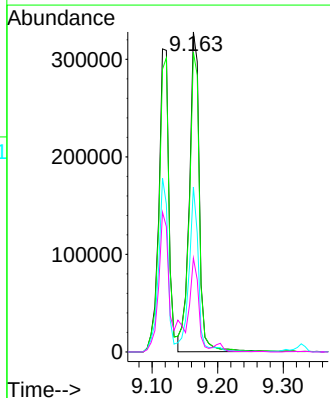
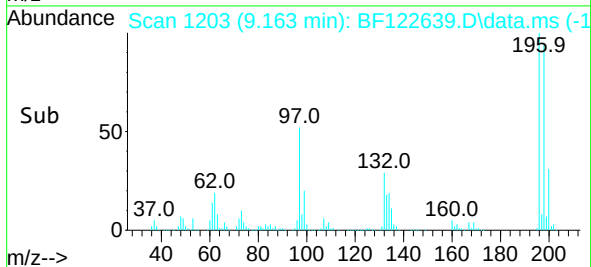
Tgt Ion:196 Resp: 331912
Ion Ratio Lower Upper
196 100
198 93.3 75.1 112.7
200 30.5 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 42.44 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



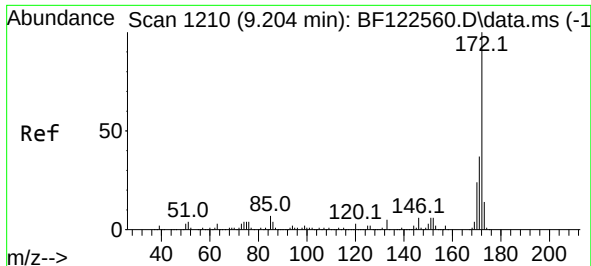
Tgt Ion:196 Resp: 348131
Ion Ratio Lower Upper
196 100
198 93.6 76.5 114.7
97 51.6 40.1 60.1
132 29.3 23.3 34.9



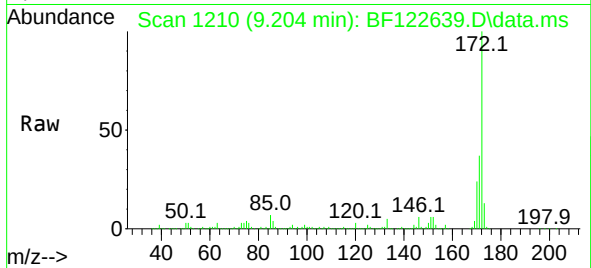
Instrument :
BNA_F
ClientSampled :
PB133460BS

Manual Integrations
APPROVED

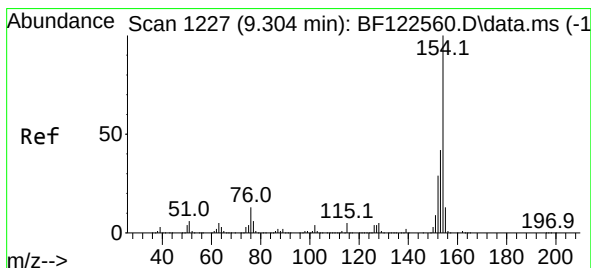
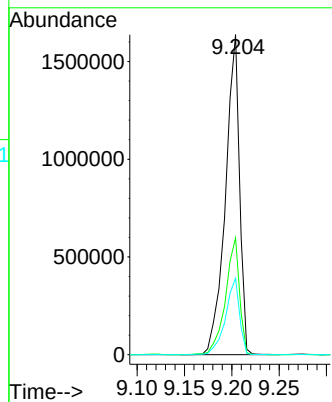
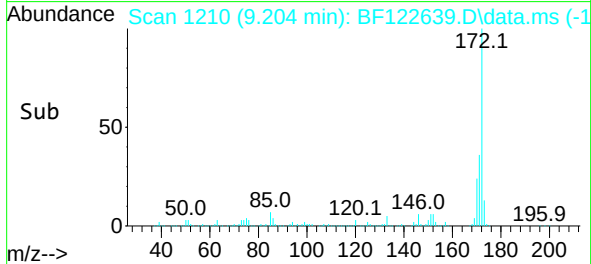
mohammad
12/11/2020 1:21:06 PM



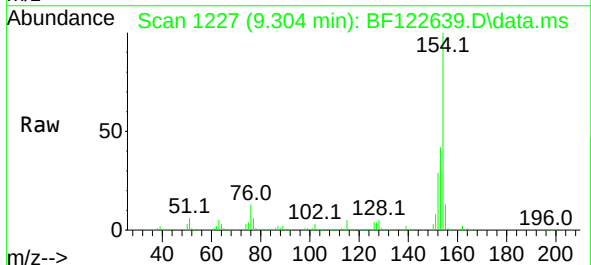
#45
2-Fluorobiphenyl
Concen: 66.39 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



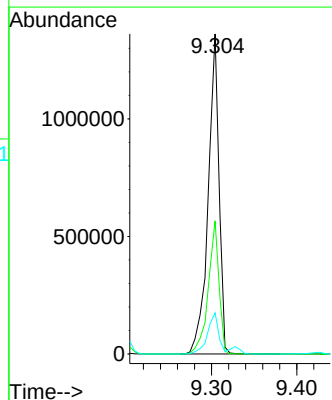
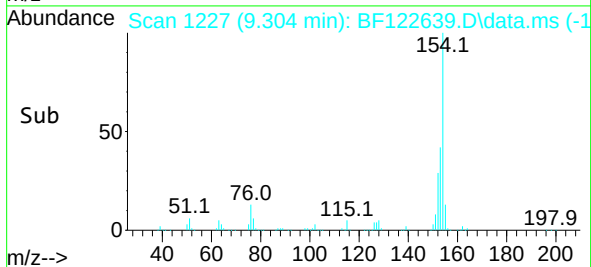
Tgt Ion:172 Resp: 1702897
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.5 29.3



#46
1,1'-Biphenyl
Concen: 41.94 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



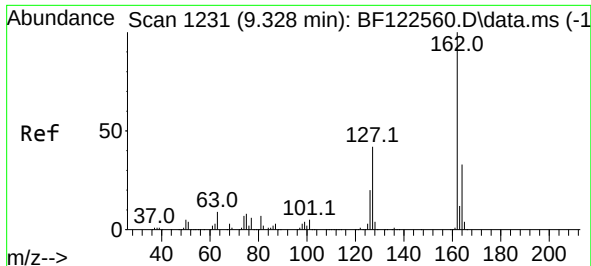
Tgt Ion:154 Resp: 1207675
Ion Ratio Lower Upper
154 100
153 41.6 21.8 61.8
76 12.8 0.0 33.4



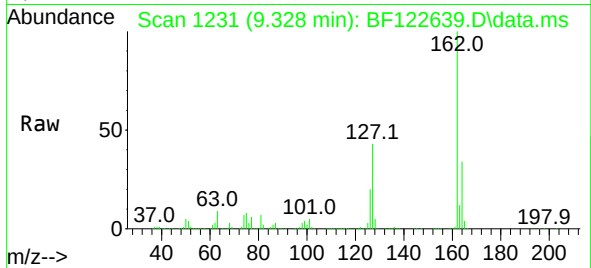
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

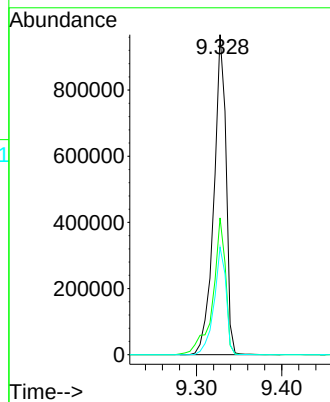
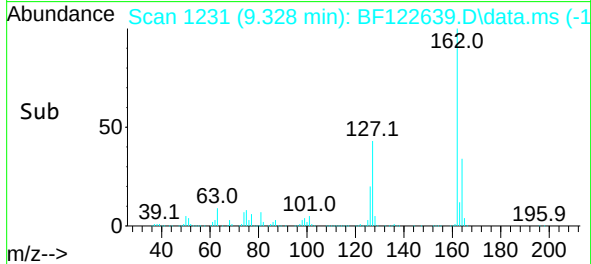
mohammad
12/11/2020 1:21:06 PM



#47
2-Chloronaphthalene
Concen: 40.35 ng
RT: 9.328 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



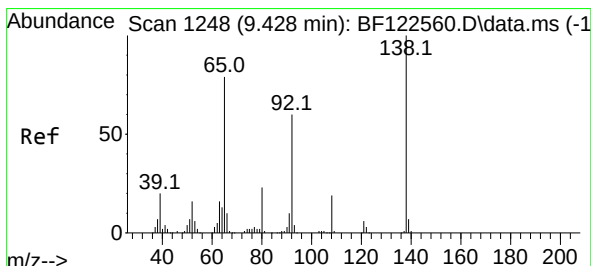
Tgt Ion:162 Resp: 962511
Ion Ratio Lower Upper
162 100
127 42.7 33.8 50.8
164 33.6 26.5 39.7



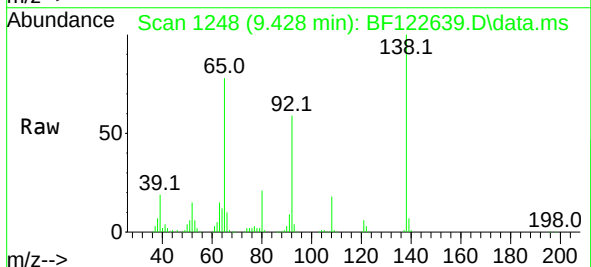
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

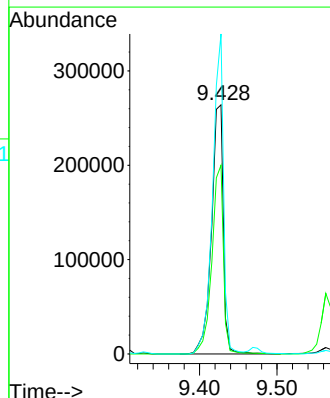
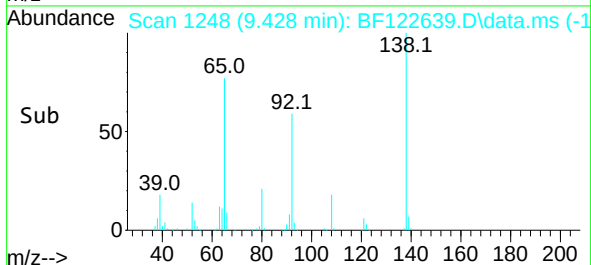
mohammad
12/11/2020 1:21:06 PM

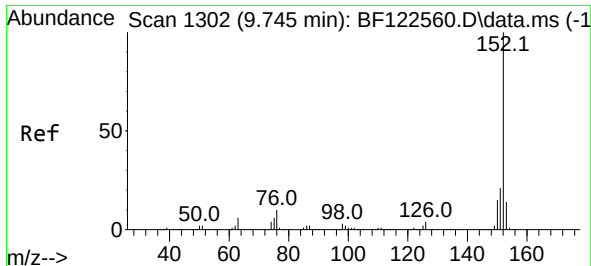


#48
2-Nitroaniline
Concen: 40.45 ng
RT: 9.428 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

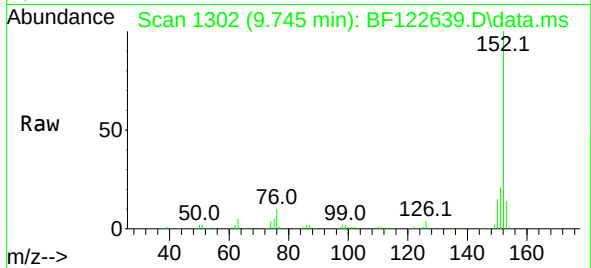


Tgt Ion: 65 Resp: 281317
Ion Ratio Lower Upper
65 100
92 75.7 60.0 90.0
138 128.4 100.6 151.0

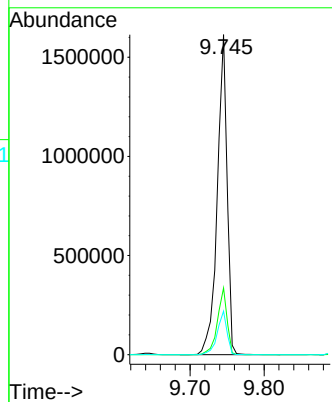
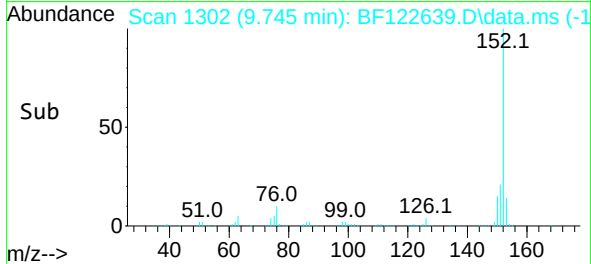




#49
Acenaphthylene
Concen: 42.03 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



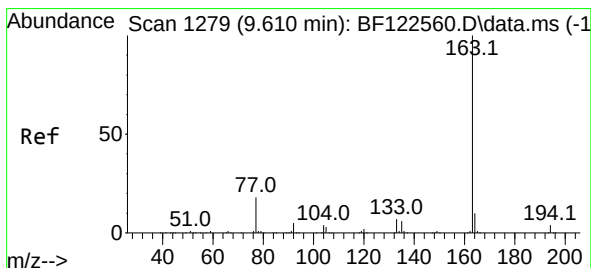
Tgt Ion:152 Resp: 1480867
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 13.6 10.9 16.3



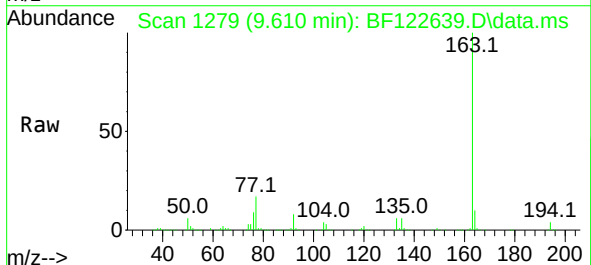
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

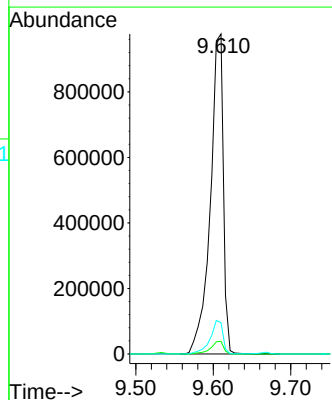
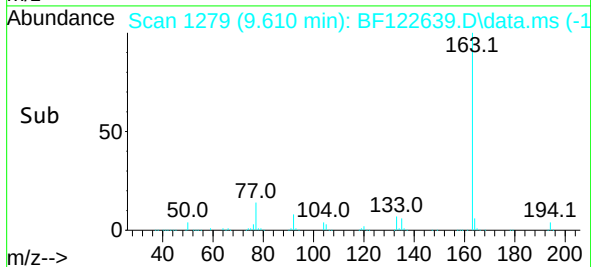
mohammad
12/11/2020 1:21:06 PM

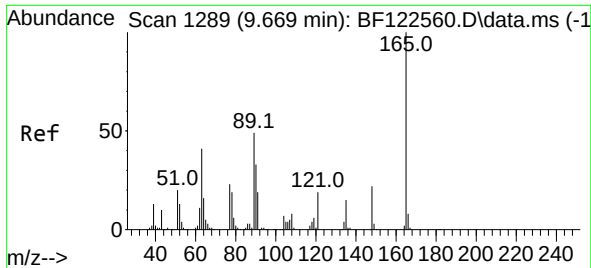


#50
Dimethylphthalate
Concen: 41.13 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:163 Resp: 1139565
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.8 8.1 12.1





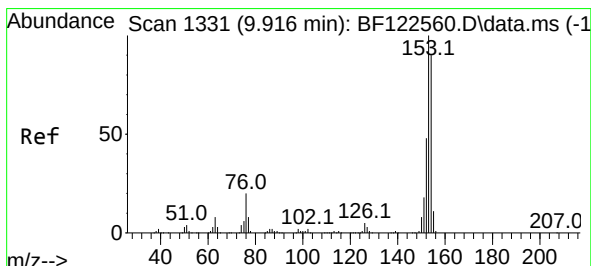
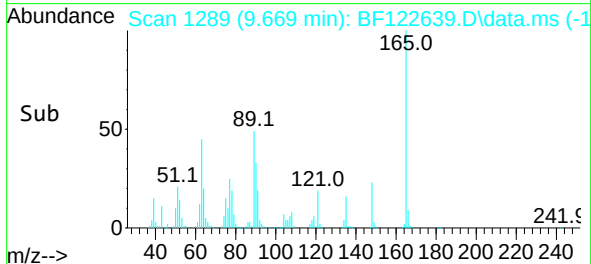
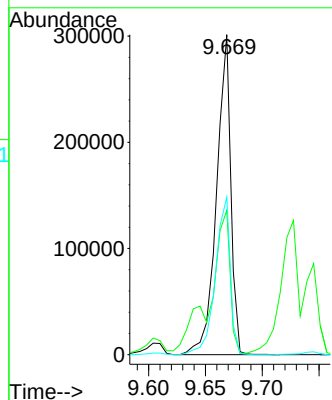
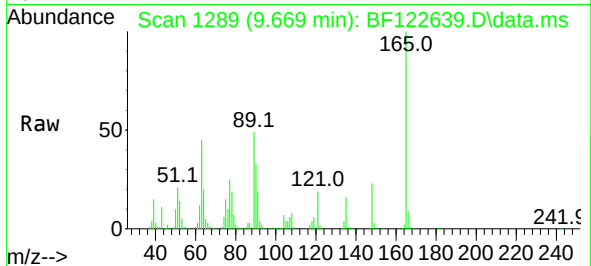
#51
2,6-Dinitrotoluene
Concen: 45.15 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:165 Resp: 264234
Ion Ratio Lower Upper
165 100
63 45.1 36.6 55.0
89 49.2 39.4 59.0

Instrument :
BNA_F
ClientSampled :
PB133460BS

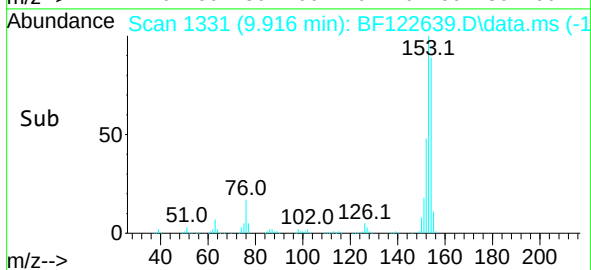
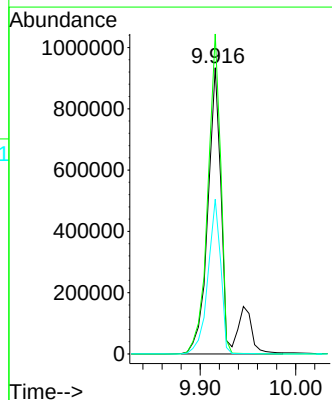
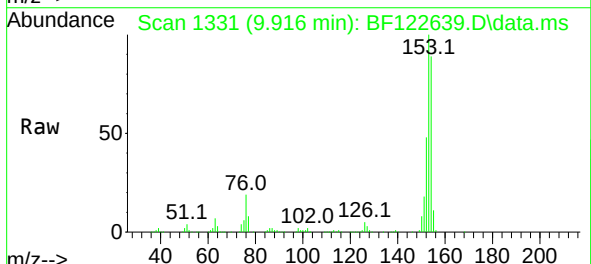
Manual Integrations
APPROVED

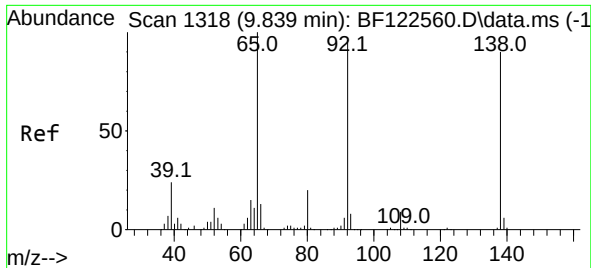
mohammad
12/11/2020 1:21:06 PM



#52
Acenaphthene
Concen: 45.40 ng m
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:154 Resp: 1034995
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.6
152 54.0 42.7 64.1





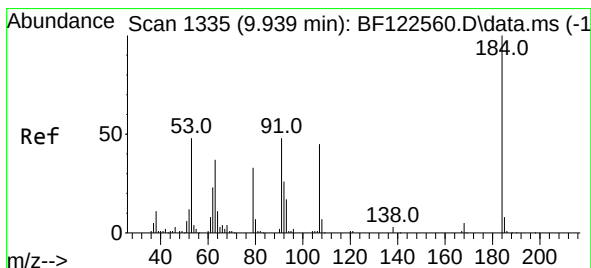
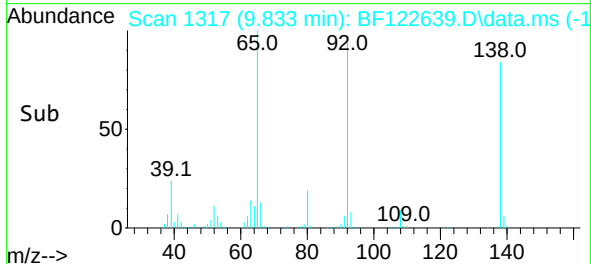
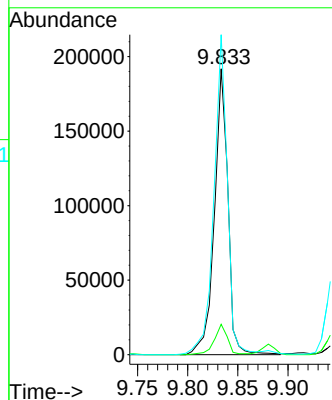
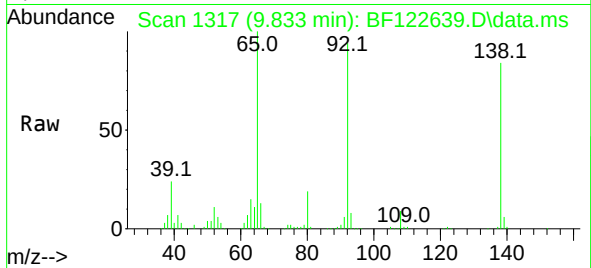
#53
3-Nitroaniline
Concen: 26.50 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:138 Resp: 179177
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 111.9 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB133460BS

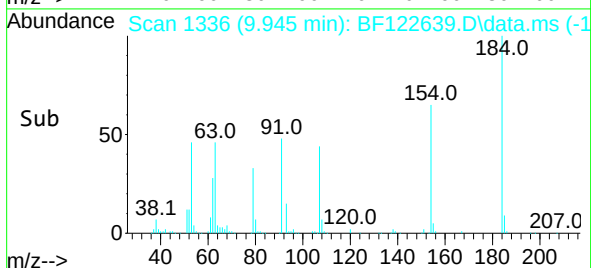
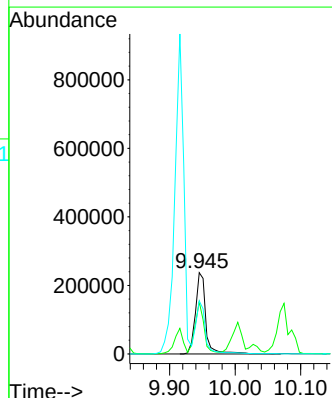
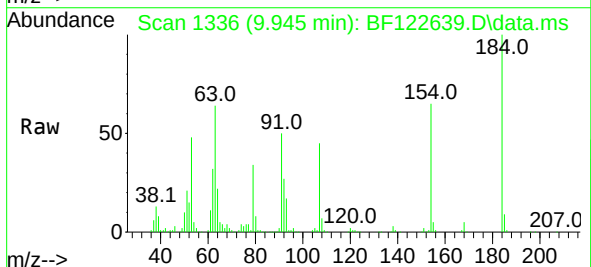
Manual Integrations
APPROVED

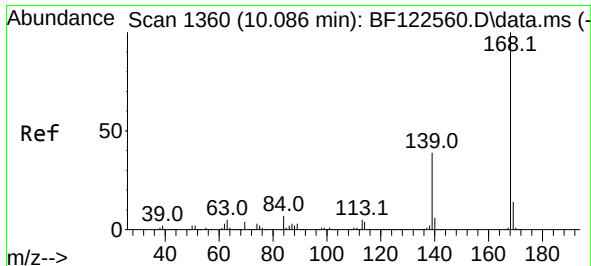
mohammad
12/11/2020 1:21:06 PM



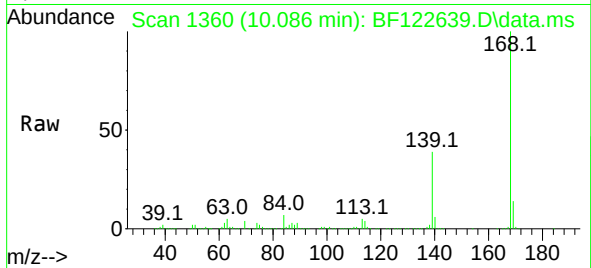
#54
2,4-Dinitrophenol
Concen: 91.21 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:184 Resp: 260961
Ion Ratio Lower Upper
184 100
63 64.0 51.4 77.2
154 65.3 49.7 74.5

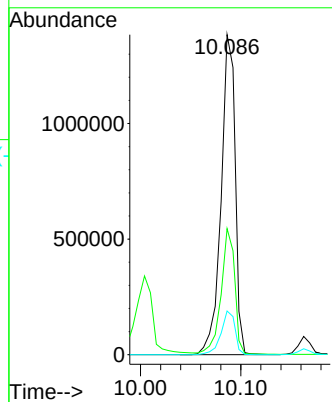
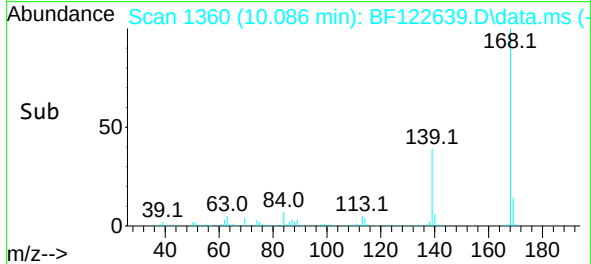




#55
Dibenzofuran
Concen: 42.19 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



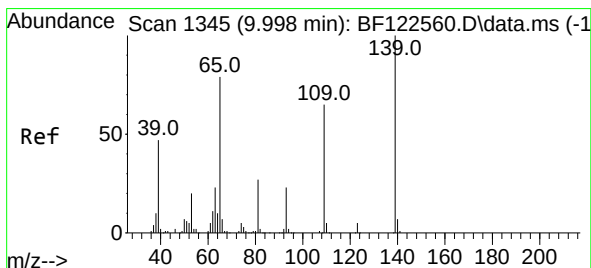
Tgt Ion:168 Resp: 1352874
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.7 11.2 16.8



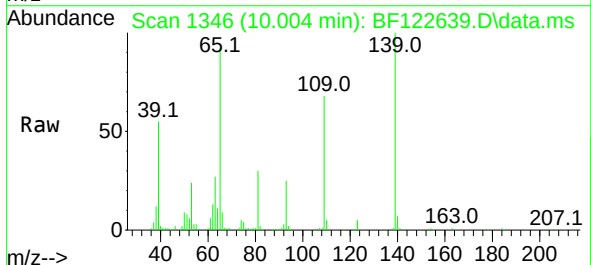
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

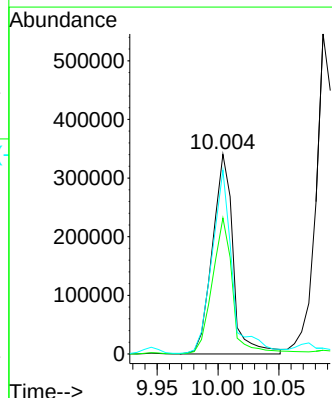
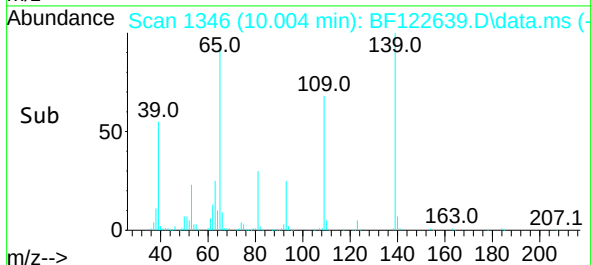
mohammad
12/11/2020 1:21:06 PM

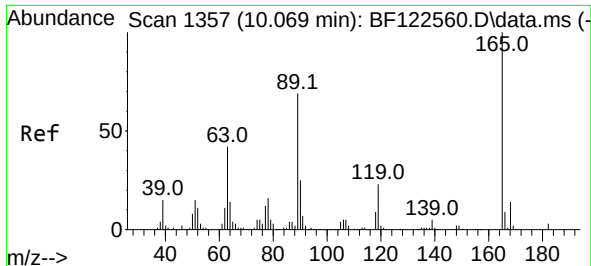


#56
4-Nitrophenol
Concen: 83.21 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

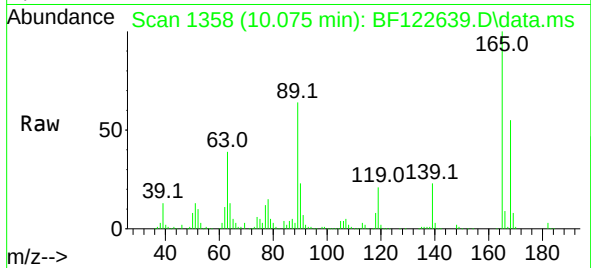


Tgt Ion:139 Resp: 401238
Ion Ratio Lower Upper
139 100
109 68.2 45.1 85.1
65 92.1 59.2 99.2

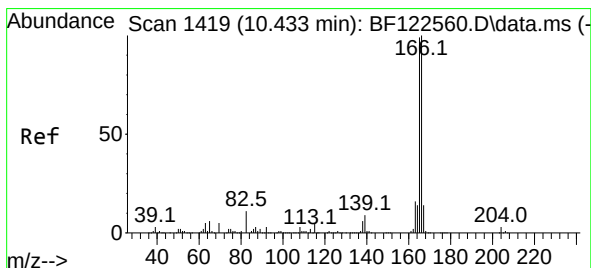
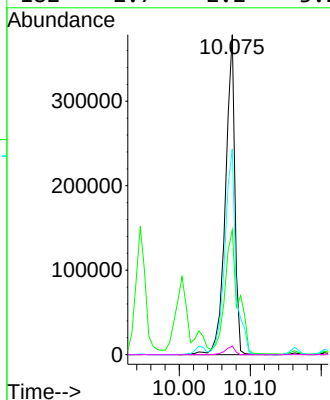
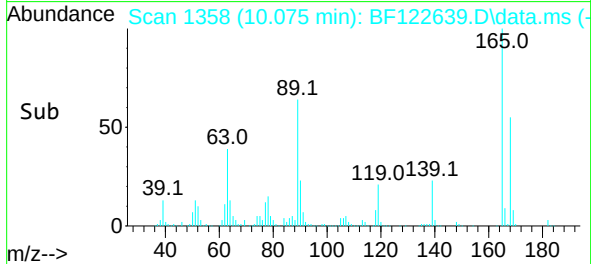




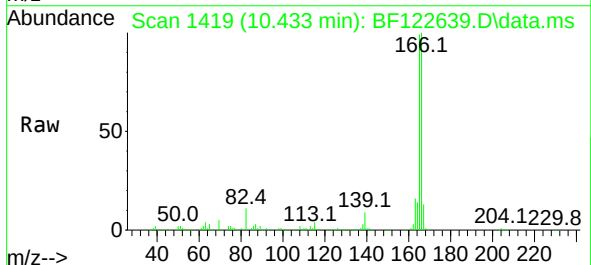
#57
2,4-Dinitrotoluene
Concen: 44.52 ng
RT: 10.075 min Scan# 1358
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



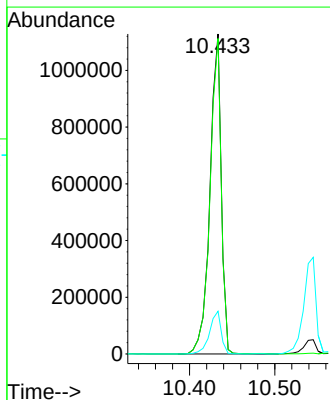
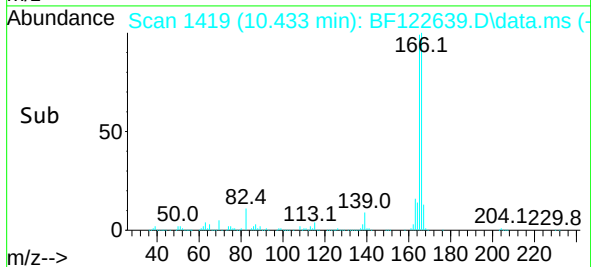
Tgt Ion:165 Resp: 347070
Ion Ratio Lower Upper
165 100
63 38.9 34.3 51.5
89 64.3 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.92 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



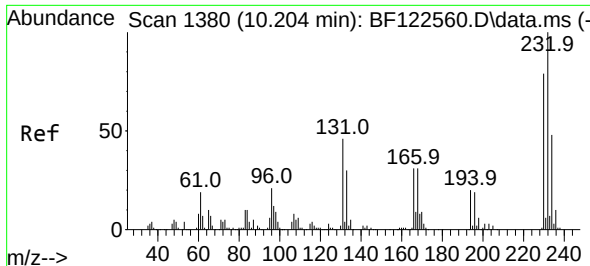
Tgt Ion:166 Resp: 1043850
Ion Ratio Lower Upper
166 100
165 98.6 79.4 119.0
167 13.3 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
PB133460BS

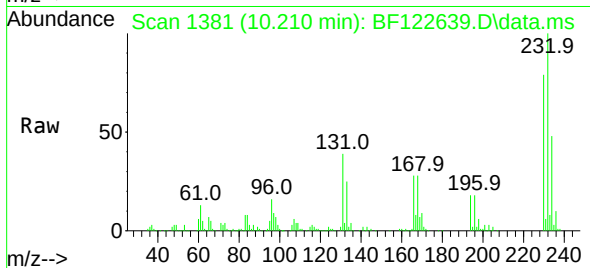
Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#59
2,3,4,6-Tetrachlorophenol
Concen: 42.03 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

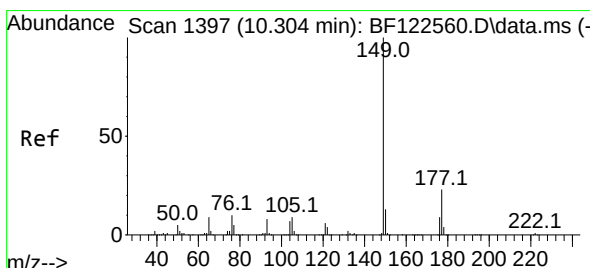
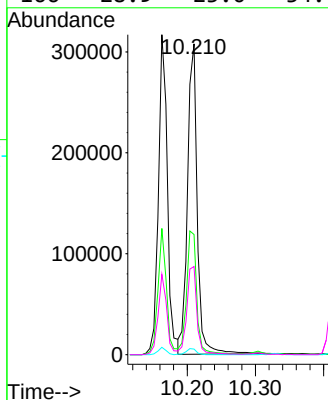
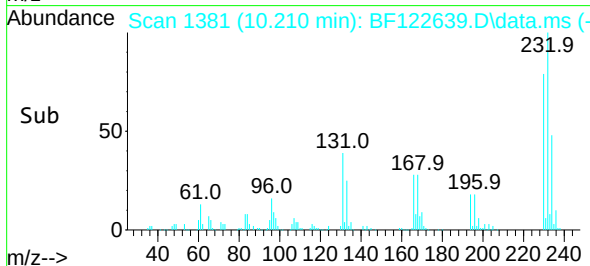
Instrument :
BNA_F
ClientSampleId :
PB133460BS



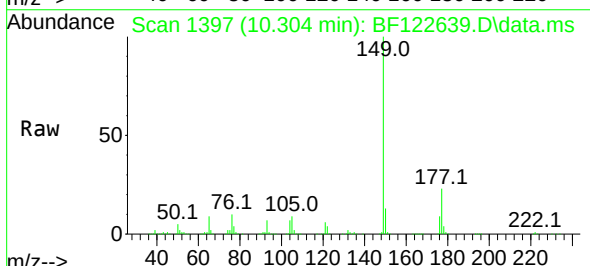
Tgt Ion:232 Resp: 302930
Ion Ratio Lower Upper
232 100
131 41.4 33.0 49.4
130 2.0 1.7 2.5
166 28.9 23.0 34.4

Manual Integrations
APPROVED

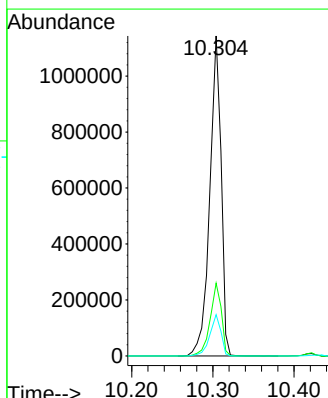
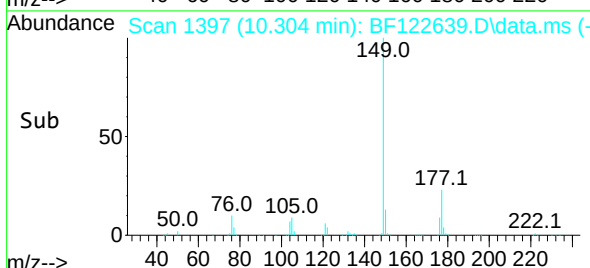
mohammad
12/11/2020 1:21:06 PM

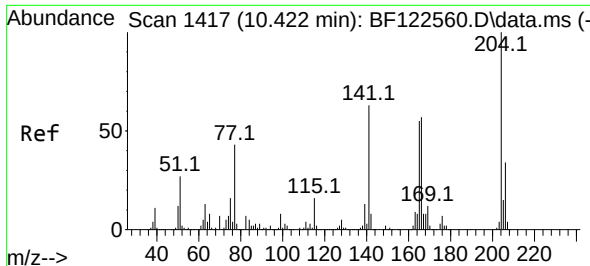


#60
Diethylphthalate
Concen: 41.05 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

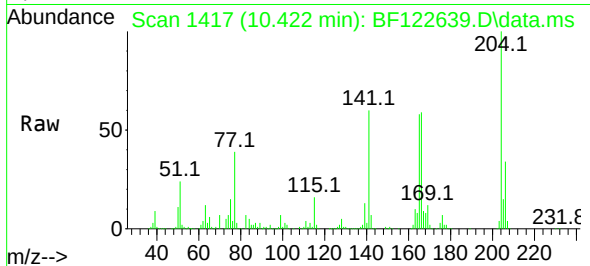


Tgt Ion:149 Resp: 1106257
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.9 10.1 15.1

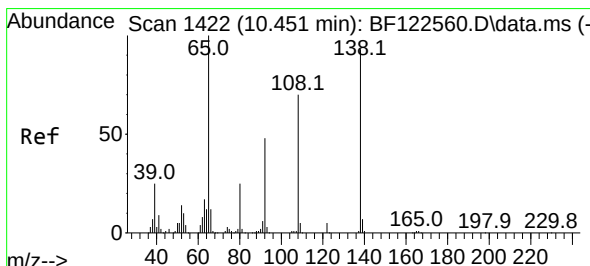
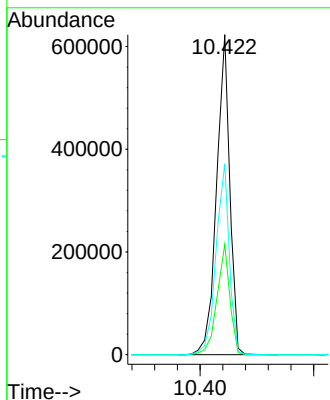
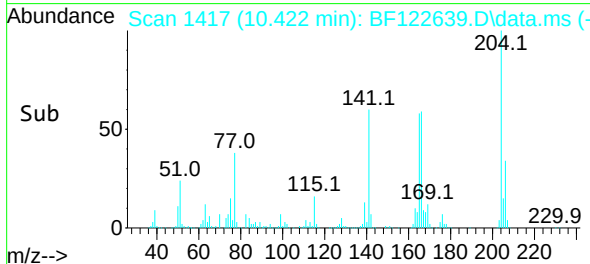




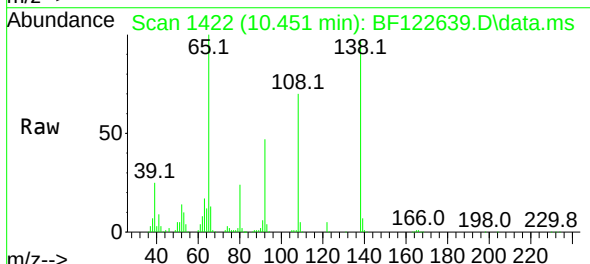
#61
4-Chlorophenyl-phenylether
Concen: 40.13 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



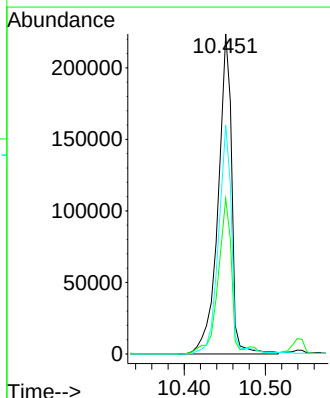
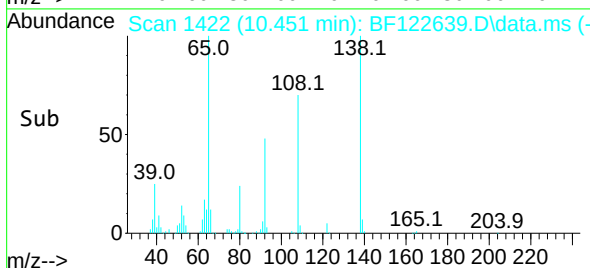
Tgt Ion:204 Resp: 504005
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 59.6 50.4 75.6



#62
4-Nitroaniline
Concen: 38.19 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



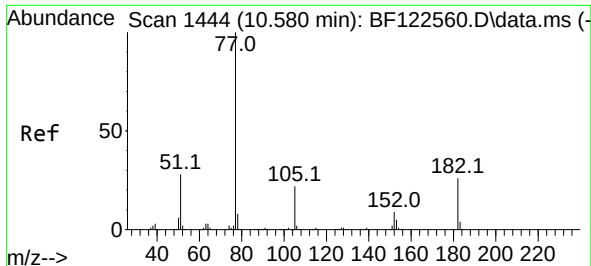
Tgt Ion:138 Resp: 262133
Ion Ratio Lower Upper
138 100
92 48.5 31.0 71.0
108 71.4 54.8 94.8



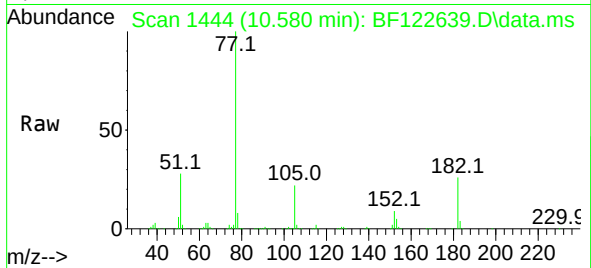
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM

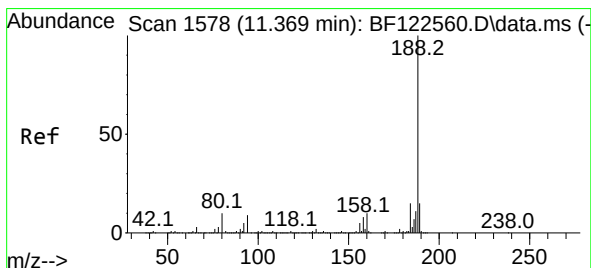
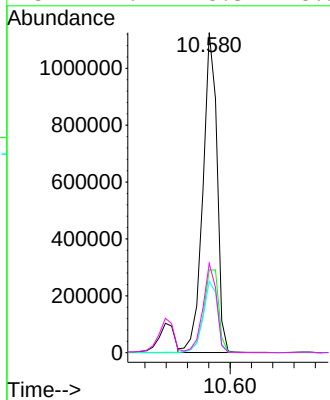
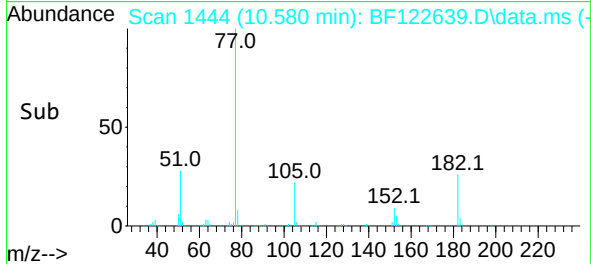


#63
Azobenzene
Concen: 41.86 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

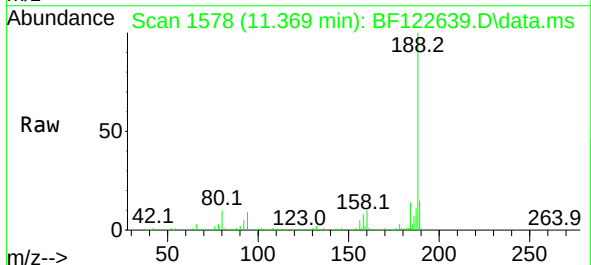


Tgt Ion: 77 Resp: 1036960

Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.6	45.6
105	22.4	1.8	41.8
51	27.9	8.3	48.3

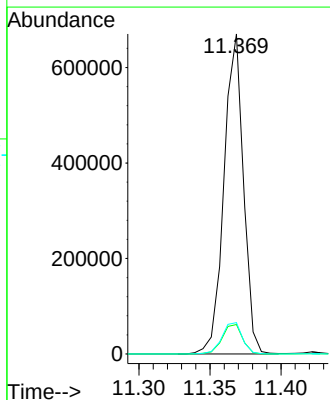
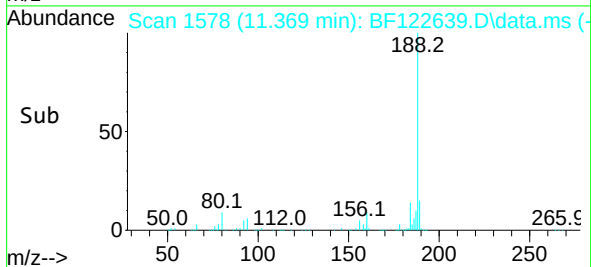


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion: 188 Resp: 636603

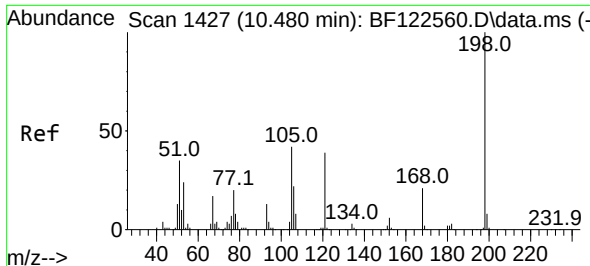
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.8	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



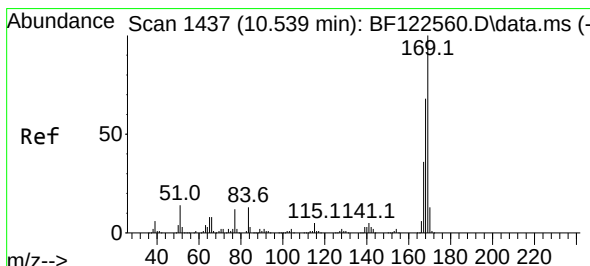
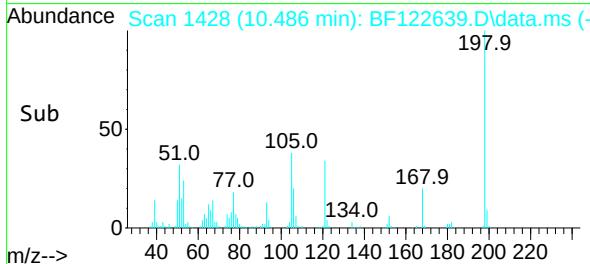
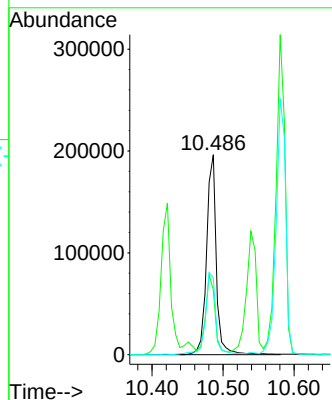
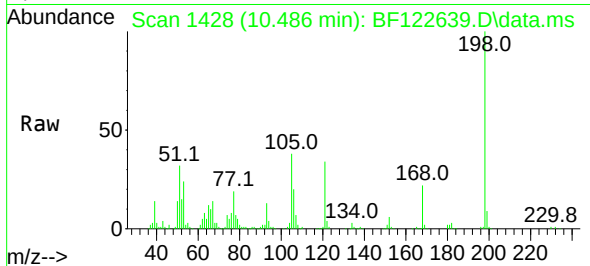
#65
4,6-Dinitro-2-methylphenol
Concen: 48.52 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:198 Resp: 188340
Ion Ratio Lower Upper
198 100
51 32.3 20.3 60.3
105 38.3 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
PB133460BS

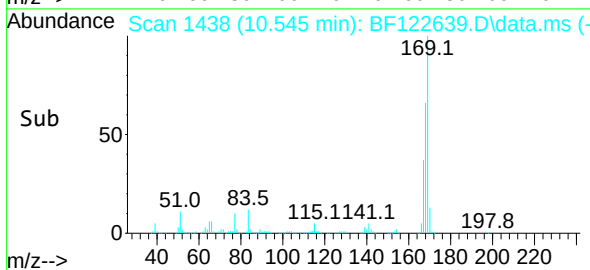
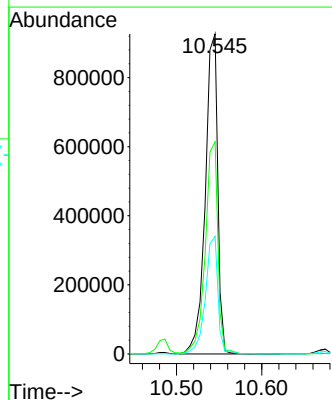
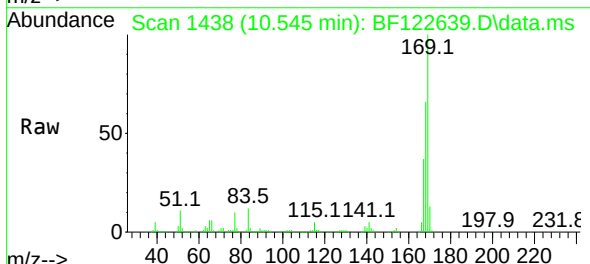
Manual Integrations
APPROVED

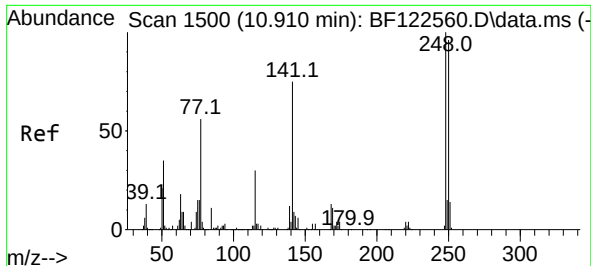
mohammad
12/11/2020 1:21:06 PM



#66
n-Nitrosodiphenylamine
Concen: 41.76 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:169 Resp: 939280
Ion Ratio Lower Upper
169 100
168 66.3 54.2 81.2
167 36.8 29.2 43.8





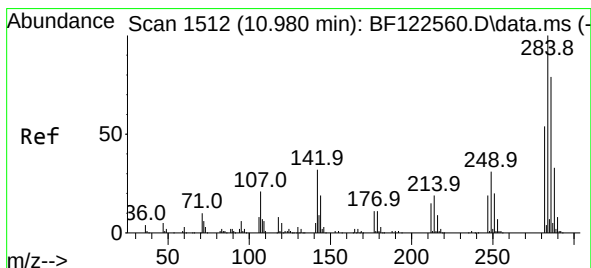
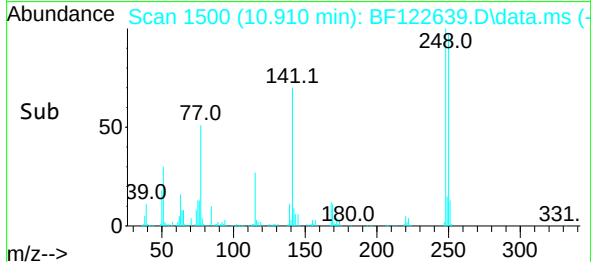
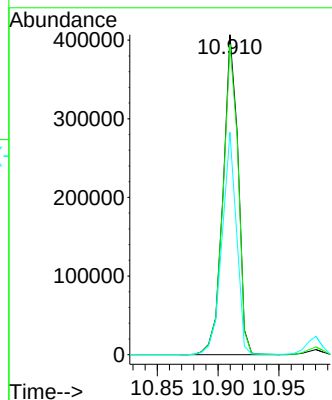
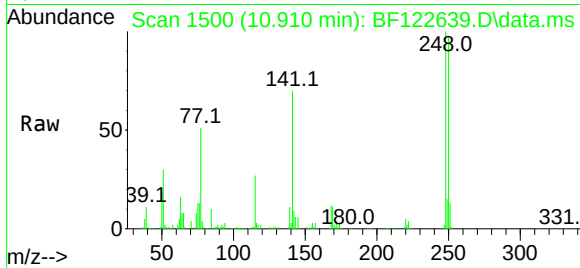
#67
4-Bromophenyl-phenylether
Concen: 40.54 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:248 Resp: 349750
Ion Ratio Lower Upper
248 100
250 97.0 76.8 115.2
141 69.5 59.8 89.8

Instrument :
BNA_F
ClientSampleId :
PB133460BS

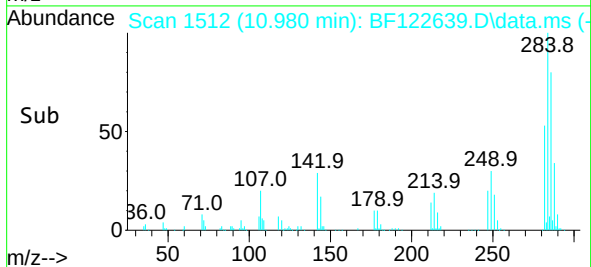
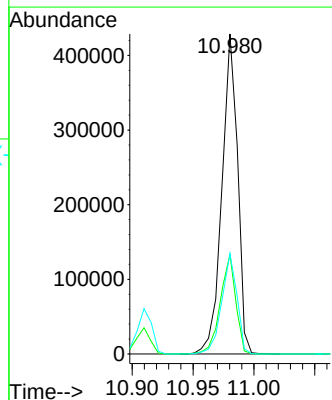
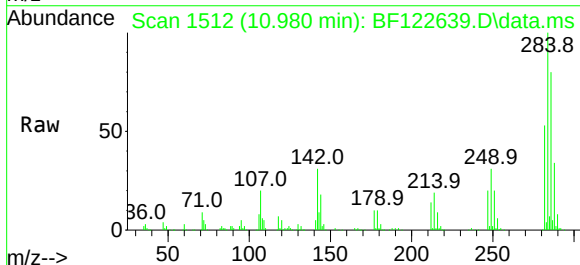
Manual Integrations
APPROVED

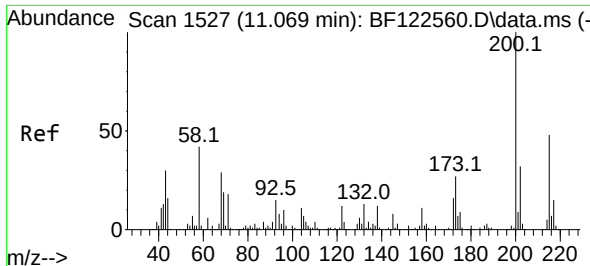
mohammad
12/11/2020 1:21:06 PM



#68
Hexachlorobenzene
Concen: 40.39 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:284 Resp: 385216
Ion Ratio Lower Upper
284 100
142 31.1 25.6 38.4
249 31.4 25.1 37.7





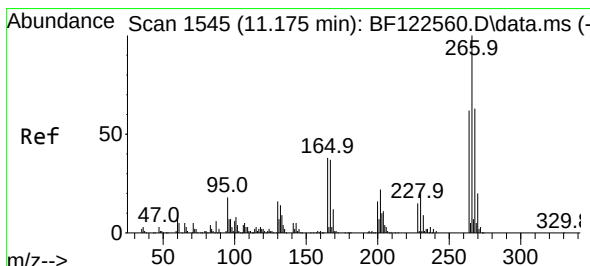
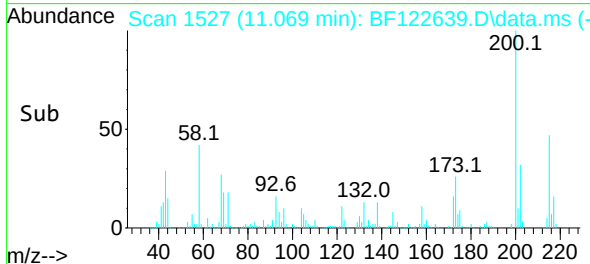
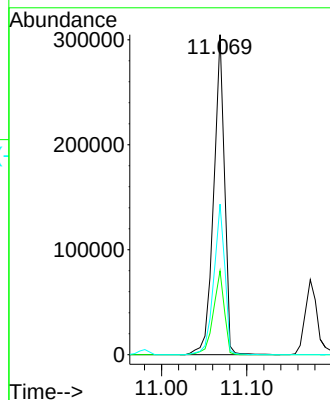
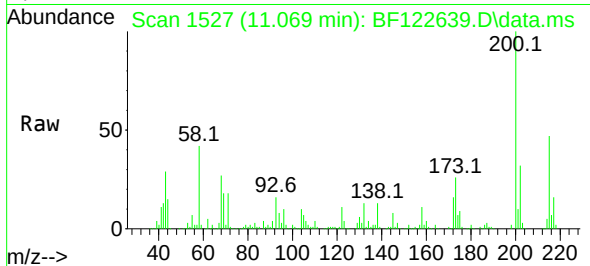
#69
Atrazine
Concen: 36.97 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:200 Resp: 270085
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 47.0 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
PB133460BS

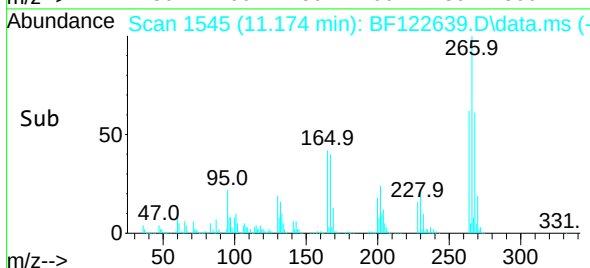
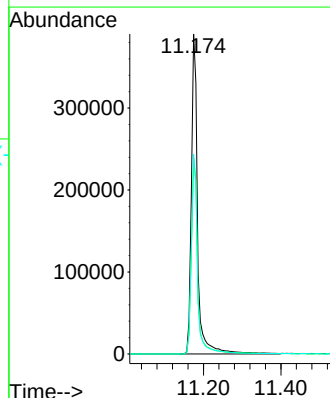
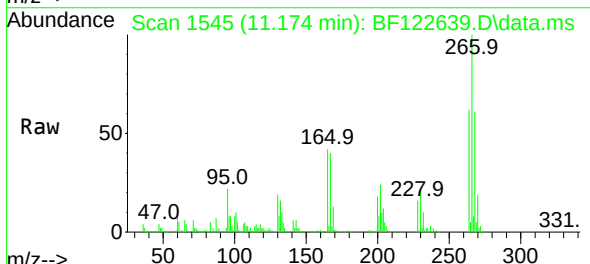
Manual Integrations
APPROVED

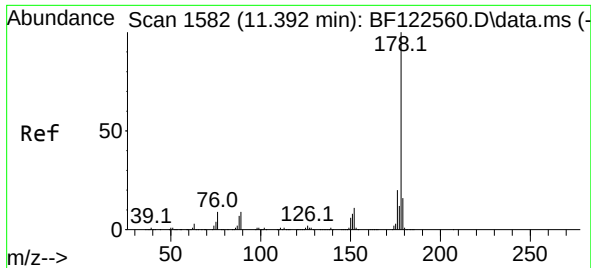
mohammad
12/11/2020 1:21:06 PM



#70
Pentachlorophenol
Concen: 86.26 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:266 Resp: 435833
Ion Ratio Lower Upper
266 100
268 61.2 50.5 75.7
264 62.4 49.8 74.8





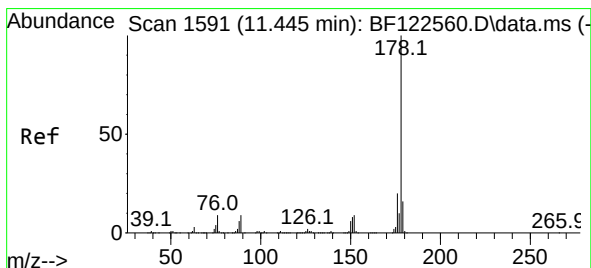
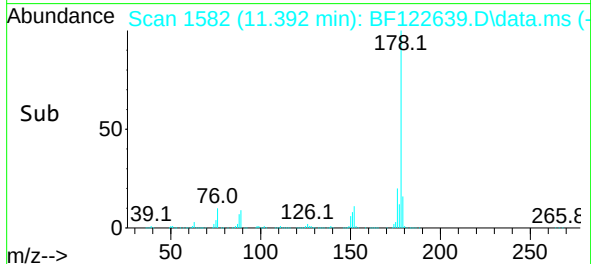
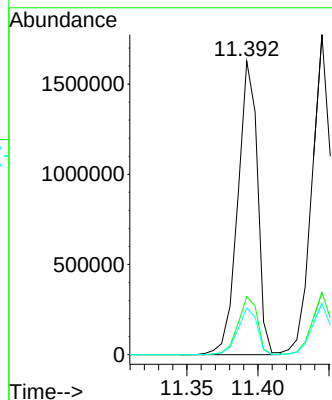
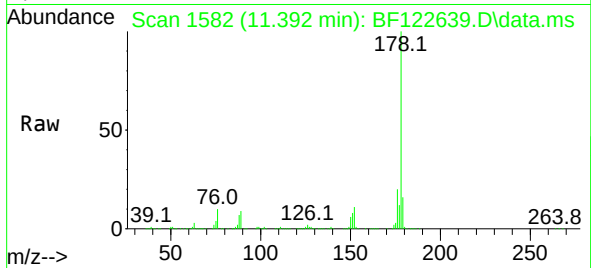
#71
Phenanthrene
Concen: 41.51 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:178 Resp: 1570261
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.9 12.7 19.1

Instrument :
BNA_F
ClientSampleId :
PB133460BS

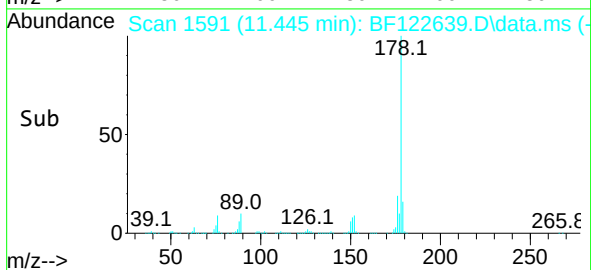
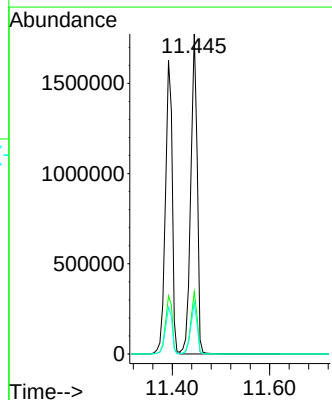
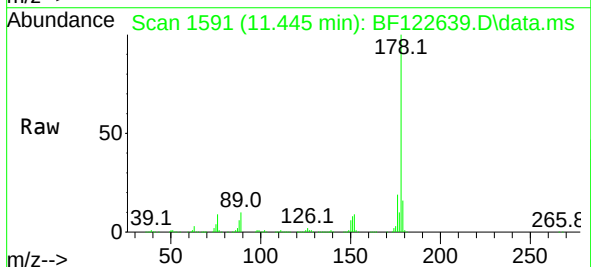
Manual Integrations
APPROVED

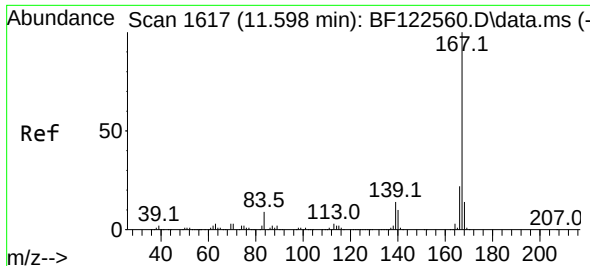
mohammad
12/11/2020 1:21:06 PM



#72
Anthracene
Concen: 43.08 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

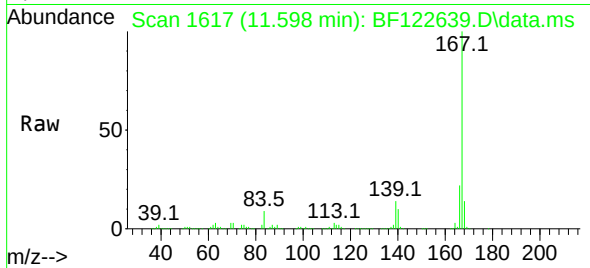
Tgt Ion:178 Resp: 1616079
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 42.34 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF122639.D
 Acq: 10 Dec 2020 10:15

Instrument :
 BNA_F
 ClientSampleId :
 PB133460BS

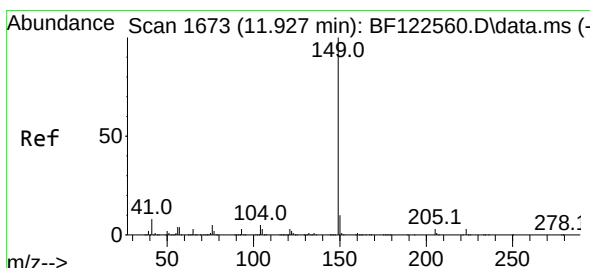
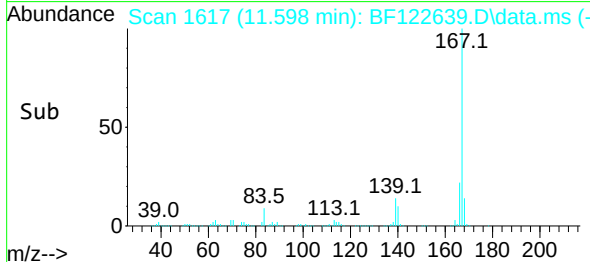
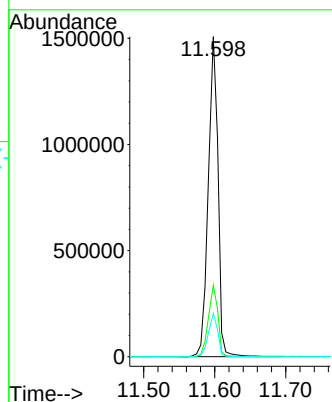


Tgt Ion:167 Resp: 1440560

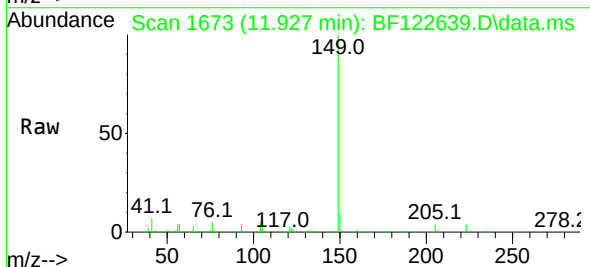
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.5	10.9	16.3

Manual Integrations
 APPROVED

mohammad
 12/11/2020 1:21:06 PM

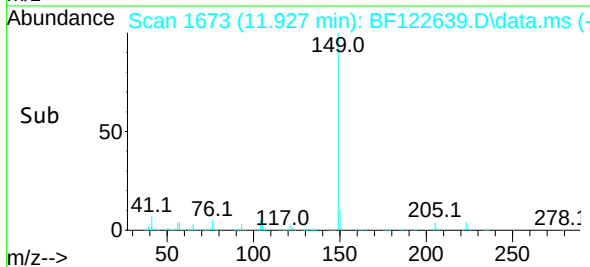
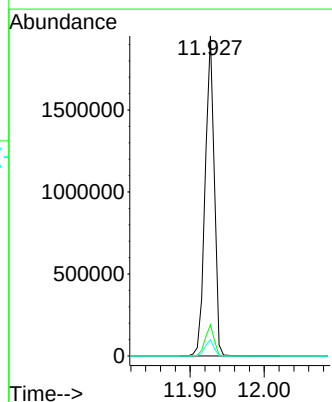


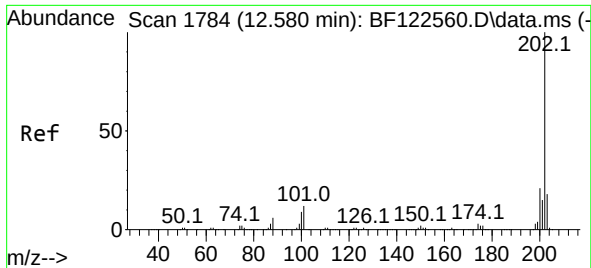
#74
 Di-n-butylphthalate
 Concen: 39.10 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF122639.D
 Acq: 10 Dec 2020 10:15



Tgt Ion:149 Resp: 1671456

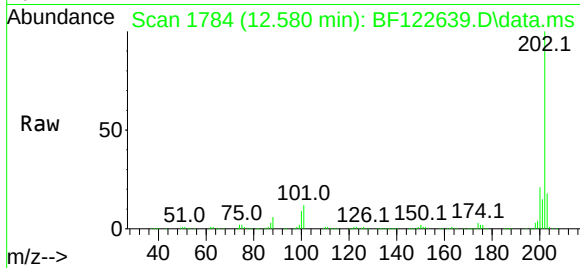
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.2	6.4





#75
Fluoranthene
Concen: 41.85 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

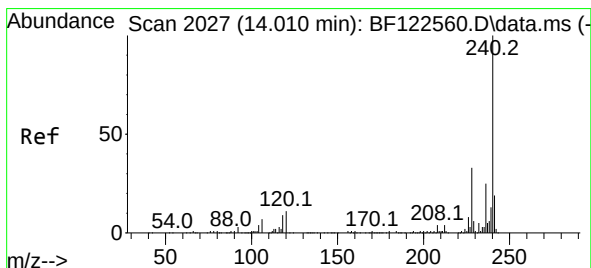
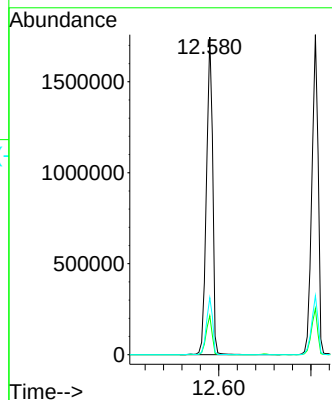
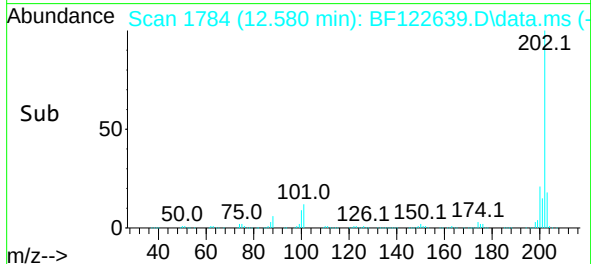
Instrument :
BNA_F
ClientSampleId :
PB133460BS



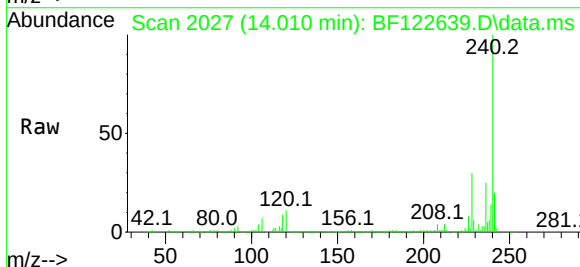
Tgt Ion:202 Resp: 1660344
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.2
203 17.9 0.0 38.1

Manual Integrations
APPROVED

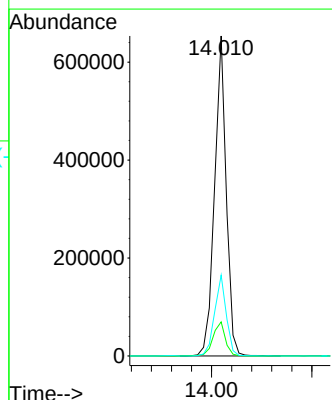
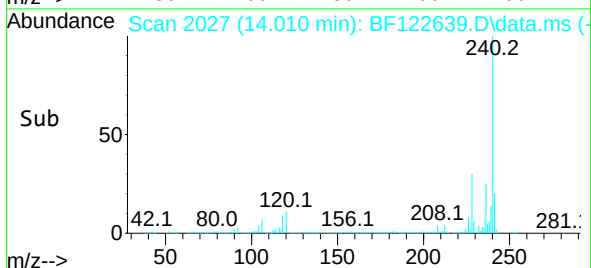
mohammad
12/11/2020 1:21:06 PM

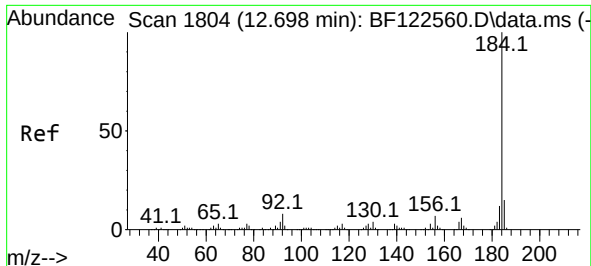


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

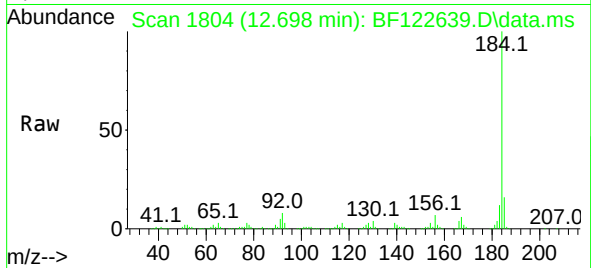


Tgt Ion:240 Resp: 526374
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.3 20.3 30.5

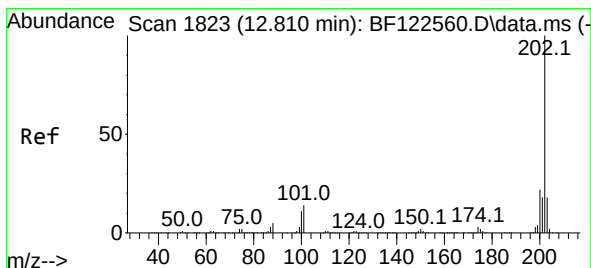
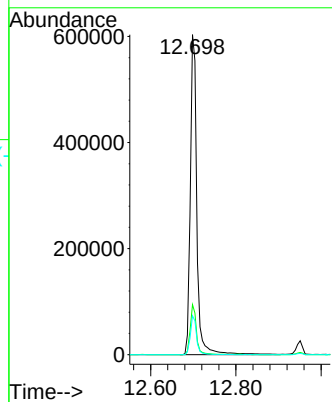
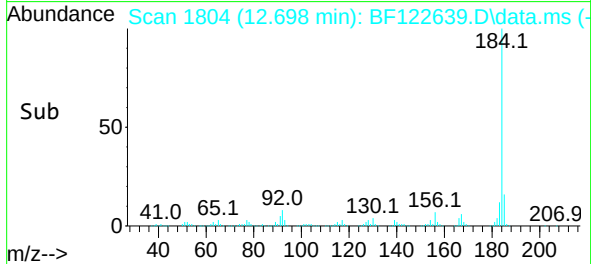




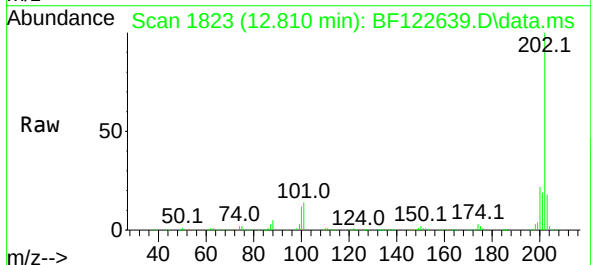
#77
Benzidine
Concen: 56.40 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



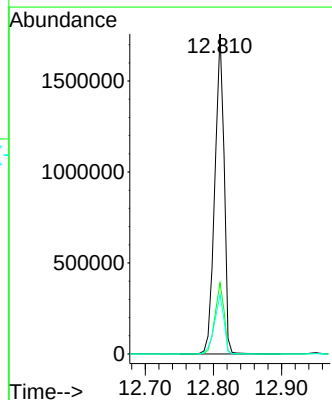
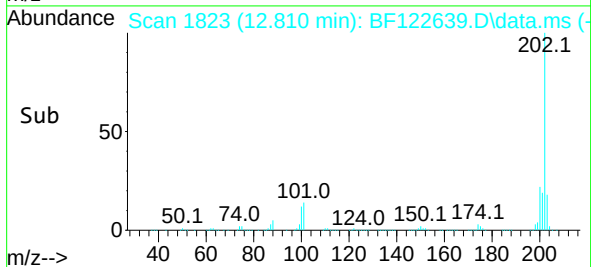
Tgt Ion:184 Resp: 642096
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 12.2 9.7 14.5



#78
Pyrene
Concen: 40.95 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



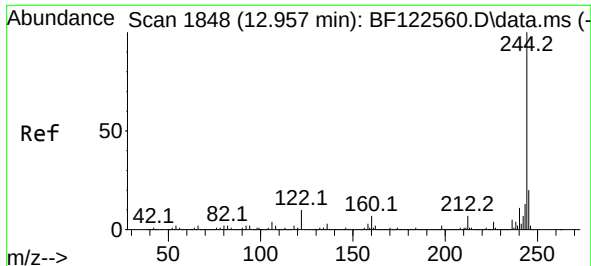
Tgt Ion:202 Resp: 1666469
Ion Ratio Lower Upper
202 100
200 22.2 17.6 26.4
203 18.4 14.6 21.8



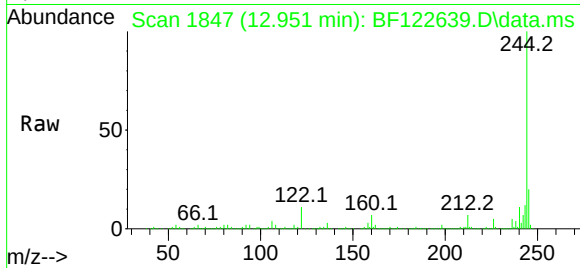
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

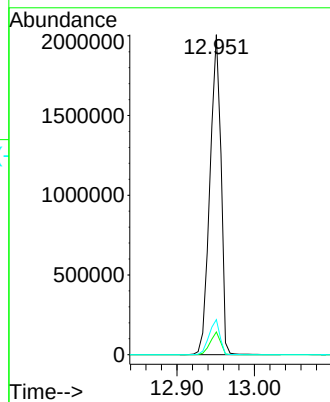
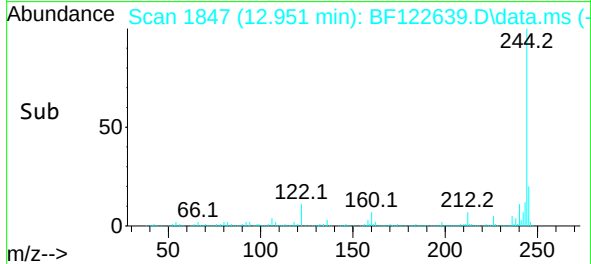
mohammad
12/11/2020 1:21:06 PM



#79
 Terphenyl-d14
 Concen: 65.86 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF122639.D
 Acq: 10 Dec 2020 10:15



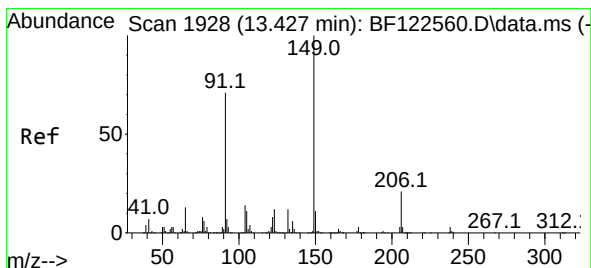
Tgt Ion:244 Resp: 1980589
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.0 8.3 12.5



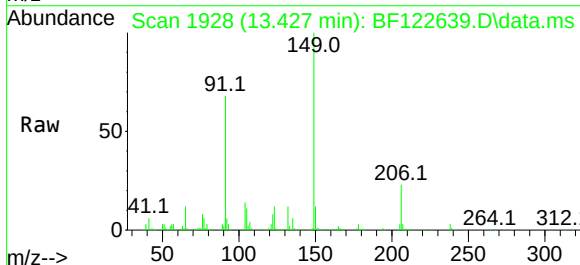
Instrument :
 BNA_F
 ClientSampleId :
 PB133460BS

Manual Integrations
 APPROVED

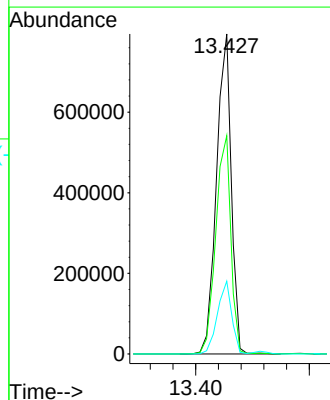
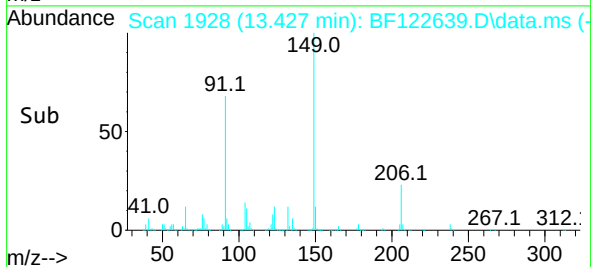
mohammad
 12/11/2020 1:21:06 PM

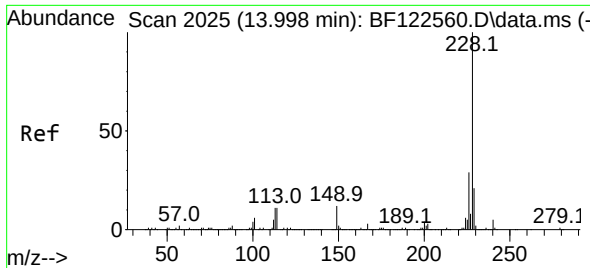


#80
 Butylbenzylphthalate
 Concen: 39.20 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BF122639.D
 Acq: 10 Dec 2020 10:15



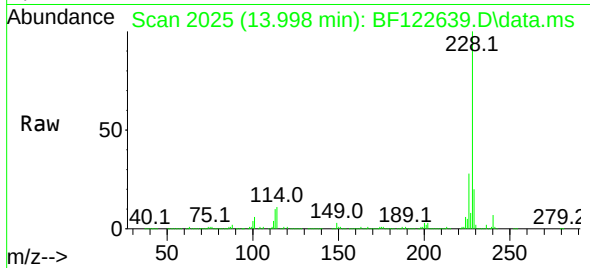
Tgt Ion:149 Resp: 718515
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.5 84.7
 206 22.7 17.0 25.6





#81
Benzo(a)anthracene
Concen: 41.88 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

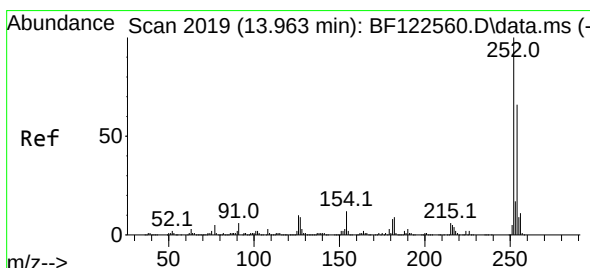
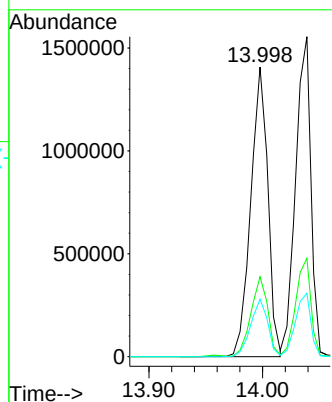
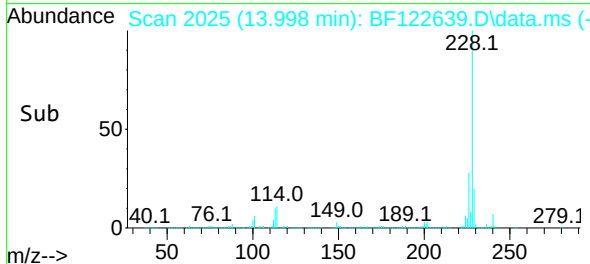
Instrument :
BNA_F
ClientSampleId :
PB133460BS



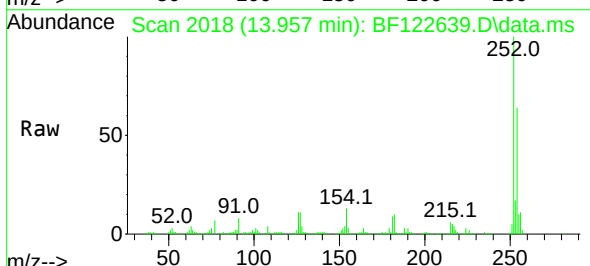
Tgt Ion:228 Resp: 1473147
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 19.8 16.6 24.8

Manual Integrations
APPROVED

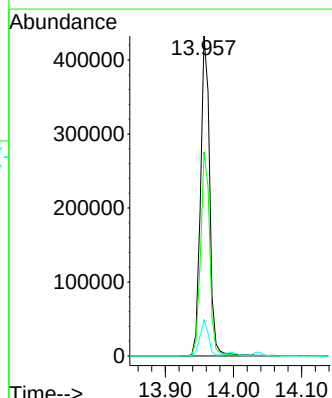
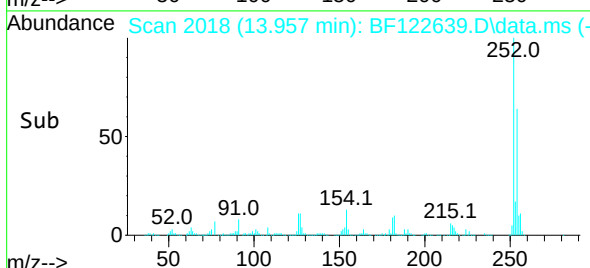
mohammad
12/11/2020 1:21:06 PM

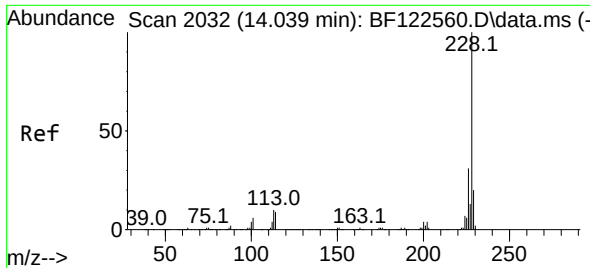


#82
3,3'-Dichlorobenzidine
Concen: 31.94 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

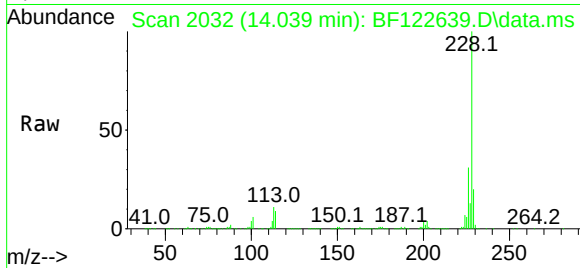


Tgt Ion:252 Resp: 402468
Ion Ratio Lower Upper
252 100
254 63.7 52.7 79.1
126 11.3 8.0 12.0

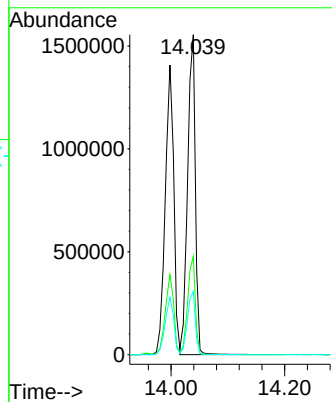
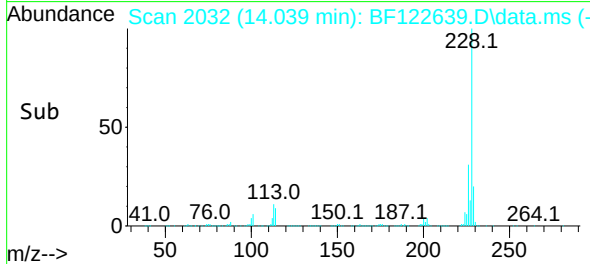




#83
Chrysene
Concen: 41.83 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



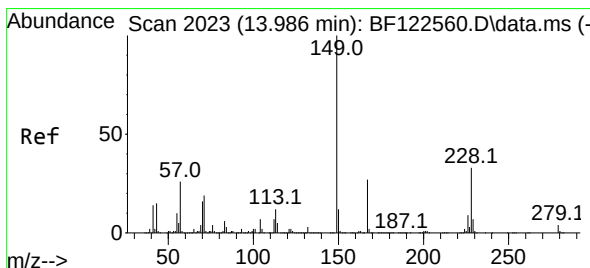
Tgt Ion:228 Resp: 1464309
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.8 15.8 23.6



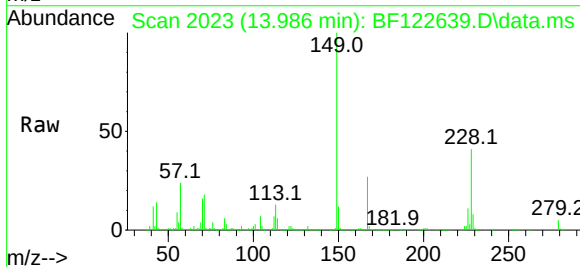
Instrument :
BNA_F
ClientSampleId :
PB133460BS

Manual Integrations
APPROVED

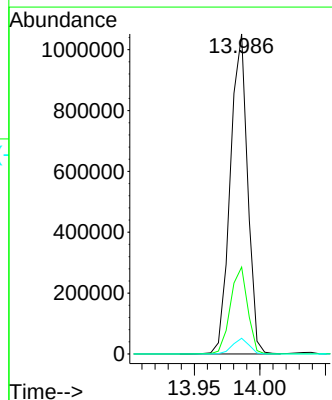
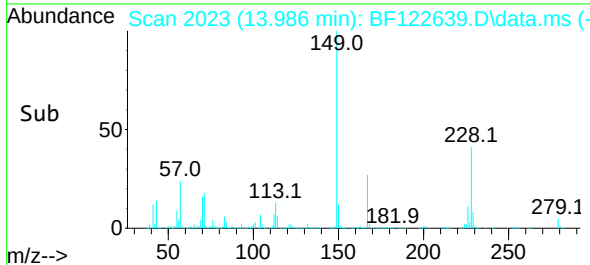
mohammad
12/11/2020 1:21:06 PM

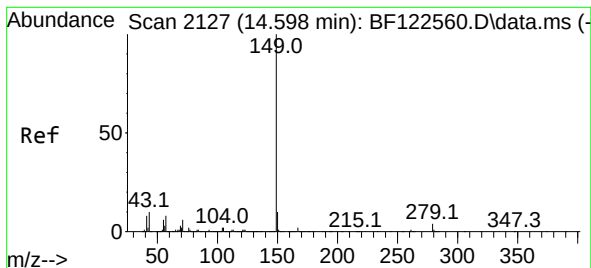


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.46 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

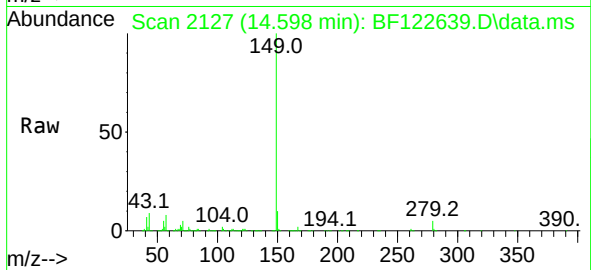


Tgt Ion:149 Resp: 965371
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 4.9 3.4 5.0

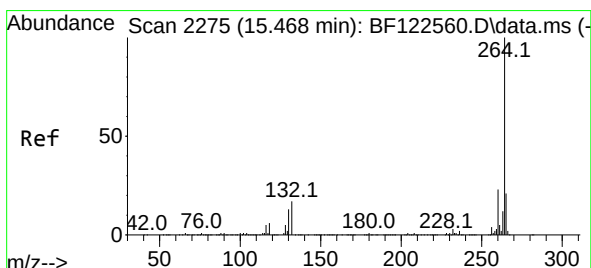
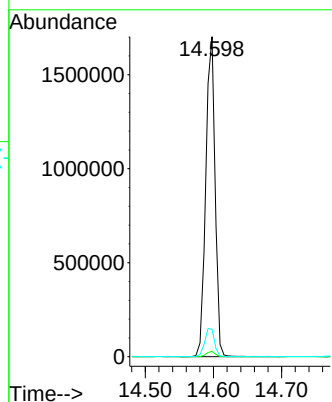
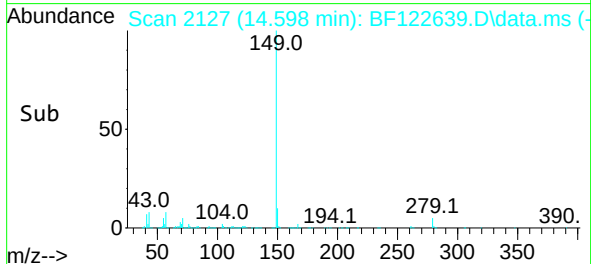




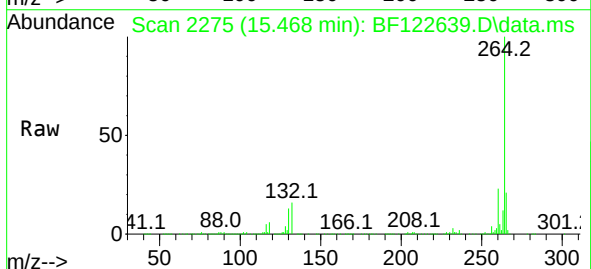
#85
Di-n-octyl phthalate
Concen: 38.82 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



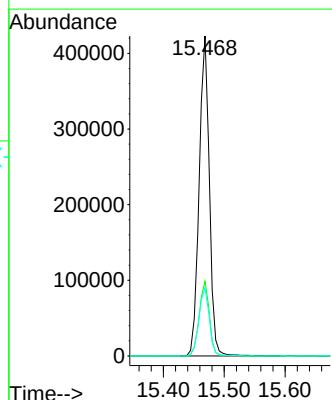
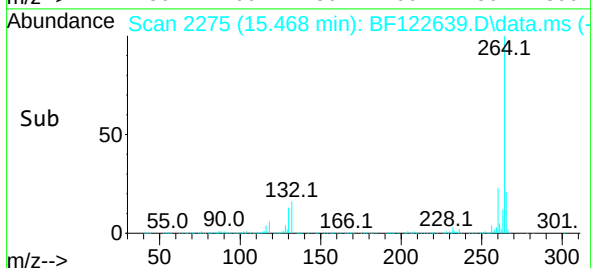
Tgt Ion:149 Resp: 1616625
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



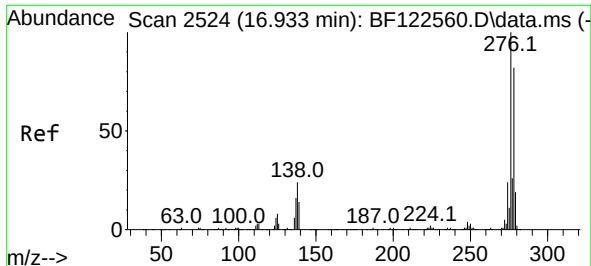
Tgt Ion:264 Resp: 490770
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.2 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
PB133460BS

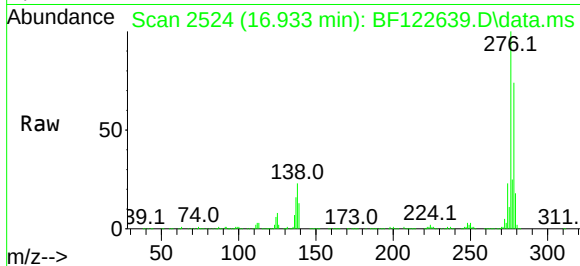
Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 41.60 ng
RT: 16.933 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

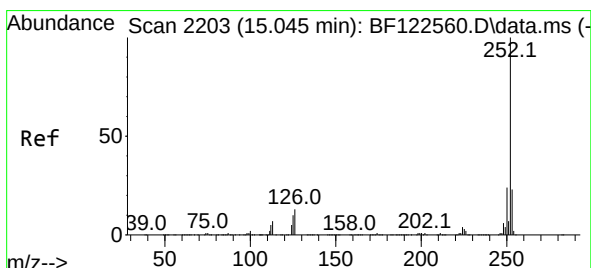
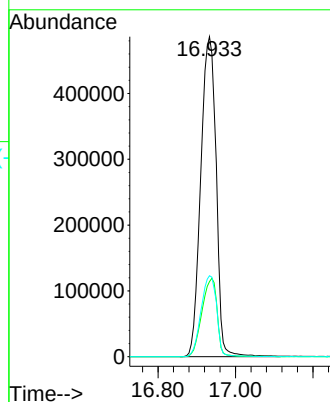
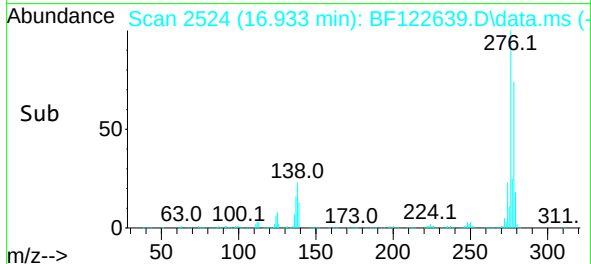
Instrument :
BNA_F
ClientSampleId :
PB133460BS



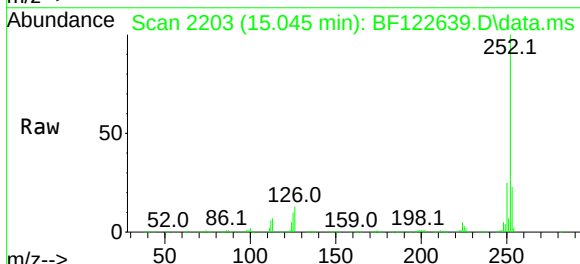
Tgt Ion:276 Resp: 1340219
Ion Ratio Lower Upper
276 100
138 24.2 18.7 28.1
277 25.6 20.2 30.4

Manual Integrations
APPROVED

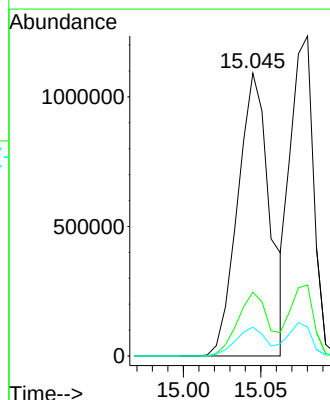
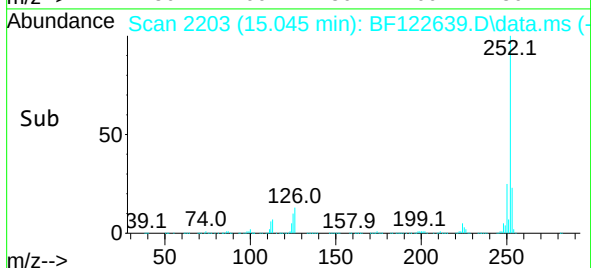
mohammad
12/11/2020 1:21:06 PM

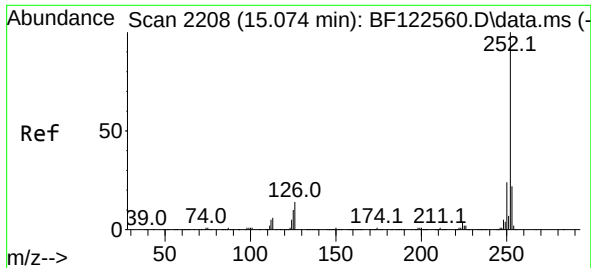


#88
Benzo(b)fluoranthene
Concen: 45.54 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:252 Resp: 1567930
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 10.2 8.1 12.1





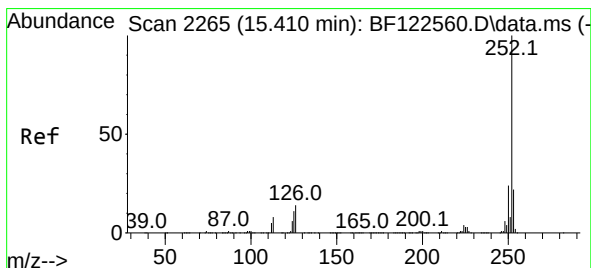
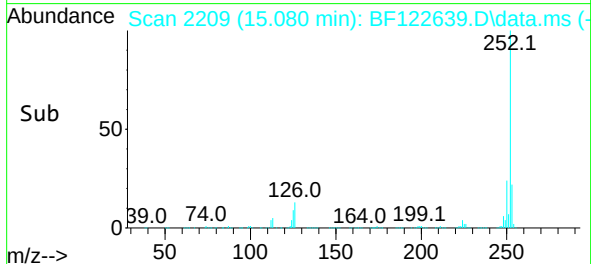
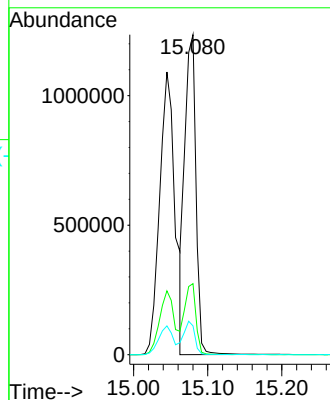
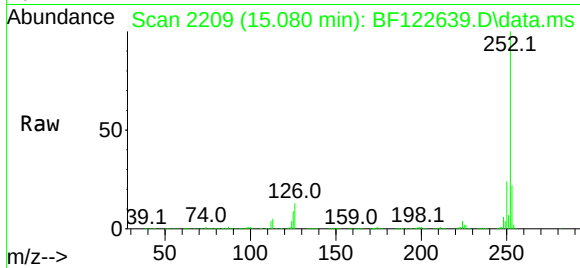
#89
Benzo(k)fluoranthene
Concen: 41.10 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

Tgt Ion:252 Resp: 1293932
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.0 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
PB133460BS

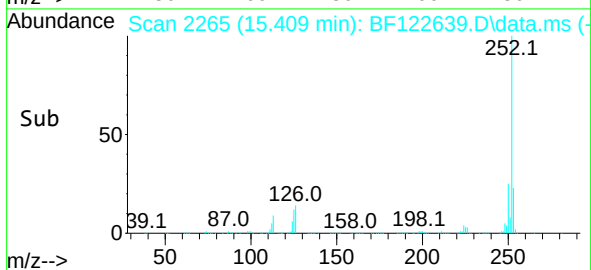
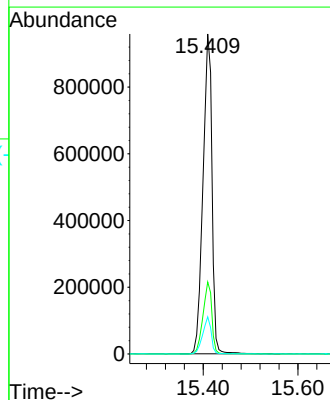
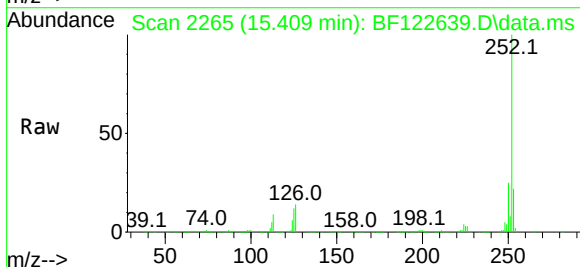
Manual Integrations
APPROVED

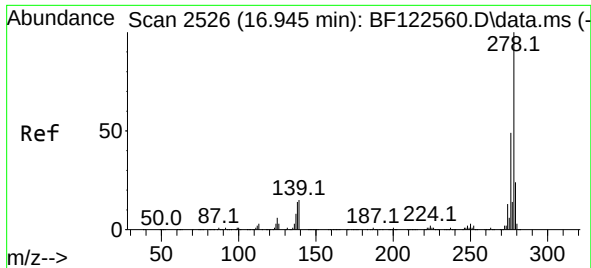
mohammad
12/11/2020 1:21:06 PM



#90
Benzo(a)pyrene
Concen: 41.90 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

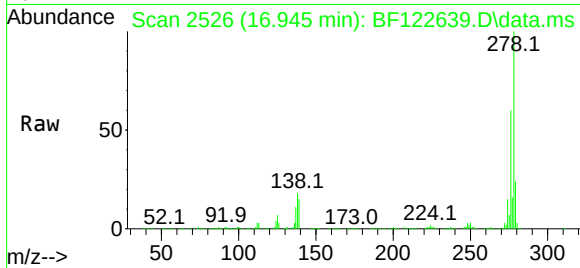
Tgt Ion:252 Resp: 1262346
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.6 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 41.91 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15

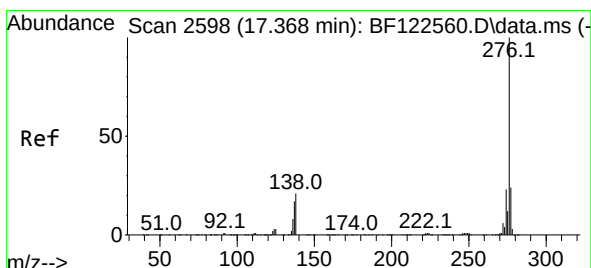
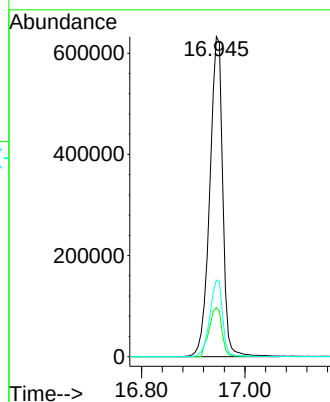
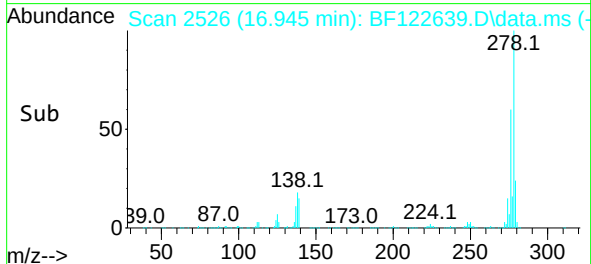
Instrument :
BNA_F
ClientSampleId :
PB133460BS



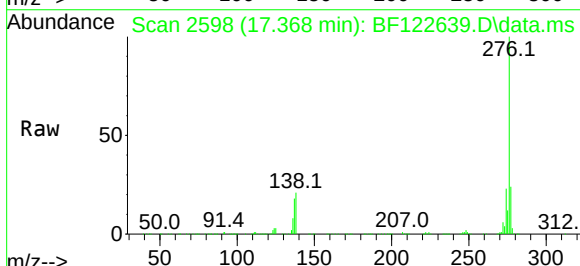
Tgt Ion:278 Resp: 1105104
Ion Ratio Lower Upper
278 100
139 15.3 12.0 18.0
279 24.0 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/11/2020 1:21:06 PM



#92
Benzo(g,h,i)perylene
Concen: 43.09 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF122639.D
Acq: 10 Dec 2020 10:15



Tgt Ion:276 Resp: 1099641
Ion Ratio Lower Upper
276 100
277 24.4 19.3 28.9
138 21.3 16.6 24.8

