

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122344.D
 Acq On : 17 Nov 2020 14:07
 Operator : JU/CG
 Sample : PB133049BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133049BS

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:28:43 AM

Quant Time: Nov 17 14:55:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	376360	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	1475731	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	787872	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	1412136	20.00	ng	0.00
76) Chrysene-d12	14.039	240	1138250	20.00	ng	0.00
86) Perylene-d12	15.504	264	921243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2241637	91.46	ng	0.02
7) Phenol-d6	6.498	99	2899378	90.42	ng	0.00
23) Nitrobenzene-d5	7.434	82	1832630	76.03	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	854929	101.10	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	3118851	61.85	ng	0.00
79) Terphenyl-d14	12.980	244	3303992	61.49	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.763	88	358512	31.89	ng	91
3) Pyridine	3.493	79	996986	32.25	ng	91
4) n-Nitrosodimethylamine	3.451	42	519716	35.66	ng	96
6) Aniline	6.528	93	1119715	26.61	ng	96
8) 2-Chlorophenol	6.651	128	1051283	41.36	ng	91
9) Benzaldehyde	6.410	77	186652	7.79	ng	99
10) Phenol	6.510	94	1308839	41.45	ng	78
11) bis(2-Chloroethyl)ether	6.604	93	962857	38.36	ng	93
12) 1,3-Dichlorobenzene	6.810	146	1070280	37.09	ng	96
13) 1,4-Dichlorobenzene	6.887	146	1093817	37.73	ng	96
14) 1,2-Dichlorobenzene	7.039	146	1063665	39.32	ng	98
15) Benzyl Alcohol	7.010	79	860659	37.75	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1383188	37.81	ng	97
17) 2-Methylphenol	7.116	107	847608	39.95	ng	100
18) Hexachloroethane	7.386	117	396366	39.26	ng	91
19) n-Nitroso-di-n-propyla...	7.287	70	733146	38.26	ng	94
20) 3+4-Methylphenols	7.275	107	1026268	39.31	ng	# 86
22) Acetophenone	7.281	105	1312119	34.14	ng	# 87
24) Nitrobenzene	7.451	77	1085795	39.37	ng	97
25) Isophorone	7.692	82	1945147	36.20	ng	97
26) 2-Nitrophenol	7.769	139	515808	43.78	ng	98
27) 2,4-Dimethylphenol	7.804	122	912030	35.98	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	1214447	36.95	ng	98
29) 2,4-Dichlorophenol	8.010	162	894483	39.86	ng	94
30) 1,2,4-Trichlorobenzene	8.092	180	931579	37.61	ng	96
31) Naphthalene	8.175	128	2814733	35.88	ng	97
32) Benzoic acid	7.939	122	595467	43.36	ng	100
33) 4-Chloroaniline	8.216	127	586595	17.17	ng	99
34) Hexachlorobutadiene	8.298	225	543302	38.16	ng	99
35) Caprolactam	8.598	113	275844m	38.78	ng	
36) 4-Chloro-3-methylphenol	8.704	107	918718	39.25	ng	94
37) 2-Methylnaphthalene	8.869	142	1899376	36.64	ng	99
38) 1-Methylnaphthalene	8.969	142	1820256	37.52	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	871930	35.91	ng	99
41) Hexachlorocyclopentadiene	9.028	237	1018363	71.74	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	656104	41.61	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122344.D
 Acq On : 17 Nov 2020 14:07
 Operator : JU/CG
 Sample : PB133049BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133049BS

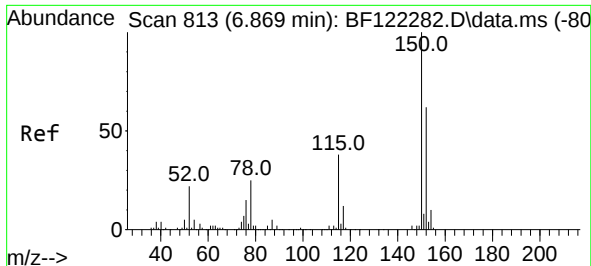
Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:28:43 AM

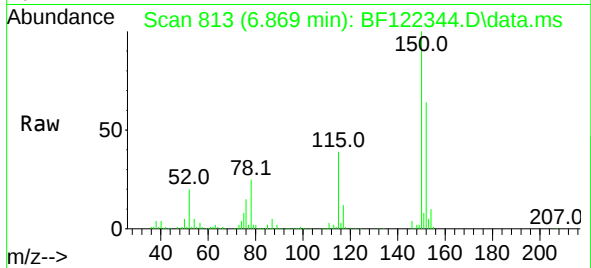
Quant Time: Nov 17 14:55:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	669806	40.52	ng	99
46) 1,1'-Biphenyl	9.333	154	2210594	35.25	ng	98
47) 2-Chloronaphthalene	9.357	162	1814805	36.46	ng	98
48) 2-Nitroaniline	9.451	65	582840	40.24	ng	91
49) Acenaphthylene	9.775	152	2770260	36.21	ng	97
50) Dimethylphthalate	9.633	163	2135354	38.13	ng	99
51) 2,6-Dinitrotoluene	9.692	165	497255	40.54	ng	90
52) Acenaphthene	9.945	154	1910322	40.34	ng	99
53) 3-Nitroaniline	9.857	138	327154	24.90	ng	96
54) 2,4-Dinitrophenol	9.969	184	447605	83.33	ng	94
55) Dibenzofuran	10.116	168	2533150	36.51	ng	99
56) 4-Nitrophenol	10.022	139	849078	70.22	ng	94
57) 2,4-Dinitrotoluene	10.098	165	662961	42.78	ng	88
58) Fluorene	10.463	166	1886617	35.51	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	598773	43.56	ng	98
60) Diethylphthalate	10.333	149	2034875	37.04	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	939546	37.46	ng	98
62) 4-Nitroaniline	10.480	138	514458	37.82	ng	99
63) Azobenzene	10.610	77	2047632	35.53	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	309721	50.18	ng	97
66) n-Nitrosodiphenylamine	10.569	169	1789297	37.19	ng	93
67) 4-Bromophenyl-phenylether	10.939	248	655794	39.52	ng	98
68) Hexachlorobenzene	11.010	284	705466	39.35	ng	94
69) Atrazine	11.098	200	542701	45.29	ng	97
70) Pentachlorophenol	11.198	266	847698	82.07	ng	99
71) Phenanthrene	11.422	178	2831244	35.34	ng	97
72) Anthracene	11.474	178	2967879	35.94	ng	98
73) Carbazole	11.627	167	2701158	35.96	ng	99
74) Di-n-butylphthalate	11.957	149	2982870	37.25	ng	98
75) Fluoranthene	12.610	202	3042374	36.37	ng	98
77) Benzidine	12.727	184	948029	30.03	ng	100
78) Pyrene	12.839	202	3019148	37.76	ng	97
80) Butylbenzylphthalate	13.457	149	1305845	41.22	ng	98
81) Benzo(a)anthracene	14.027	228	2606106	36.81	ng	97
82) 3,3'-Dichlorobenzidine	13.986	252	718216	27.23	ng	99
83) Chrysene	14.063	228	2656622	37.26	ng	97
84) Bis(2-ethylhexyl)phtha...	14.021	149	1579899	40.98	ng	# 95
85) Di-n-octyl phthalate	14.633	149	2781739	42.57	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2318822	41.95	ng	99
88) Benzo(b)fluoranthene	15.074	252	2556494	42.85	ng	99
89) Benzo(k)fluoranthene	15.110	252	2332102	40.09	ng	98
90) Benzo(a)pyrene	15.445	252	2153498	41.40	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	1919035	41.45	ng	99
92) Benzo(g,h,i)perylene	17.421	276	1853007	41.15	ng	99

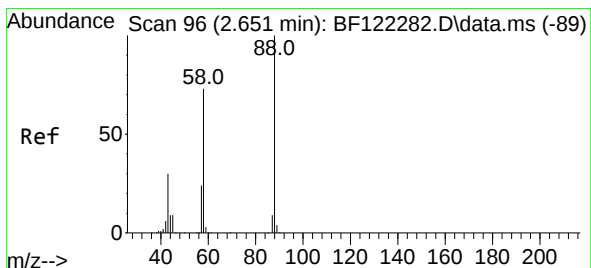
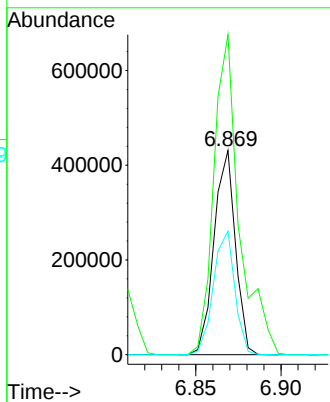
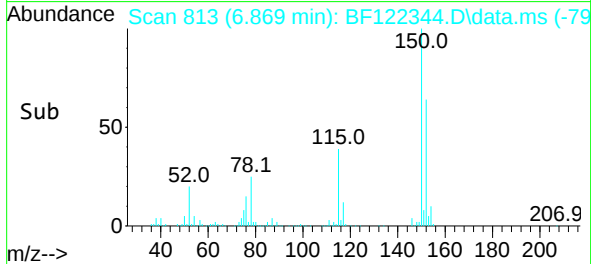
(#) = qualifier out of range (m) = manual integration (+) = signals summed



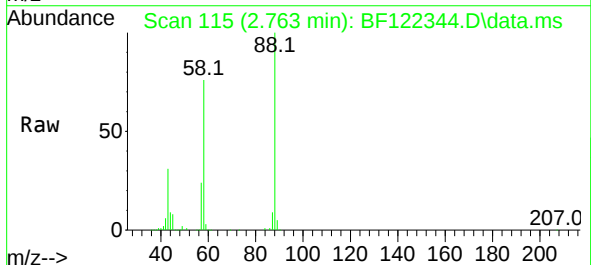
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



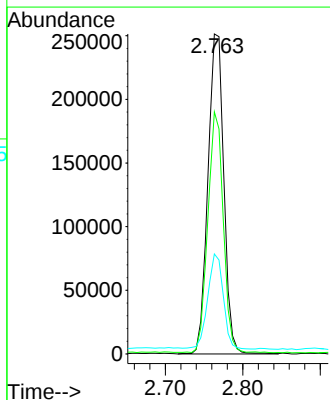
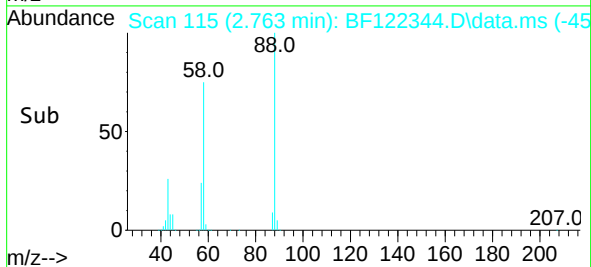
Tgt Ion:152 Resp: 376360
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 60.6 51.9 77.9



#2
1,4-Dioxane
Concen: 31.89 ng
RT: 2.763 min Scan# 115
Delta R.T. 0.112 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



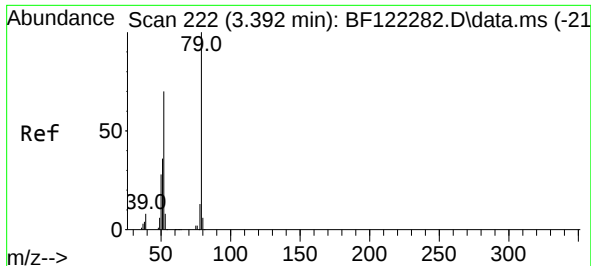
Tgt Ion: 88 Resp: 358512
Ion Ratio Lower Upper
88 100
58 72.5 65.8 98.8
43 29.0 25.8 38.8



Instrument :
BNA_F
ClientSampled :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



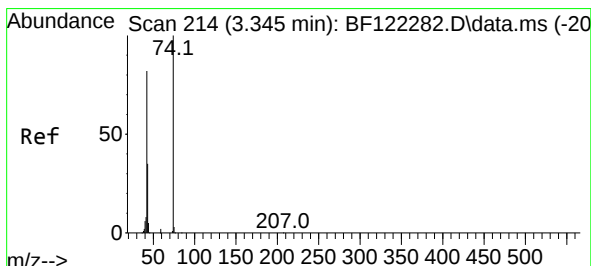
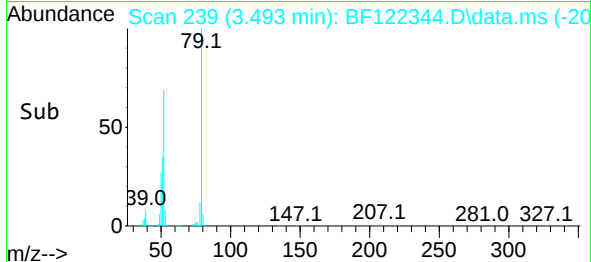
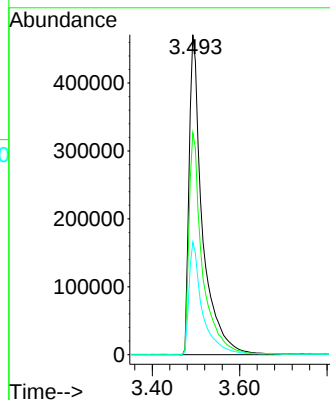
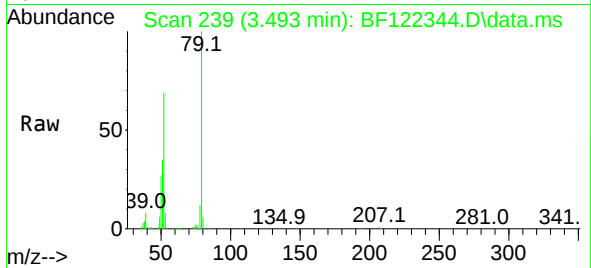
#3
Pyridine
Concen: 32.25 ng
RT: 3.493 min Scan# 239
Delta R.T. 0.100 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion: 79 Resp: 996986
Ion Ratio Lower Upper
79 100
52 69.3 62.2 93.4
51 35.1 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
PB133049BS

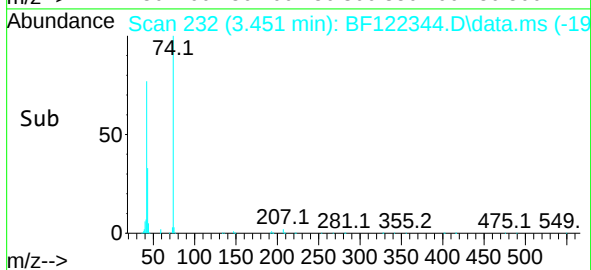
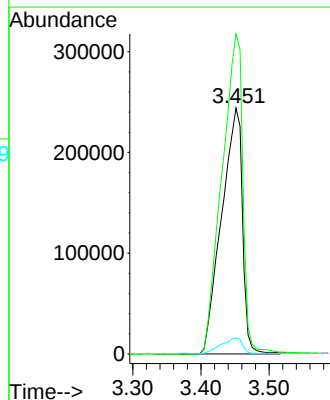
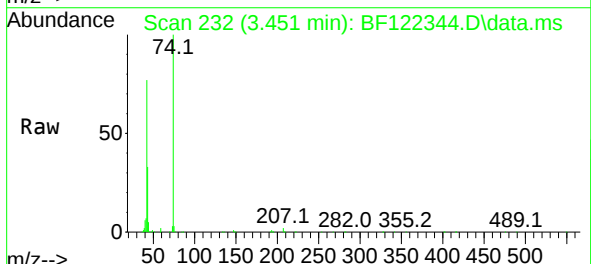
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#4
n-Nitrosodimethylamine
Concen: 35.66 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.106 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion: 42 Resp: 519716
Ion Ratio Lower Upper
42 100
74 130.2 100.2 150.2
44 6.5 5.8 8.6





#5
2-Fluorophenol
Concen: 91.46 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

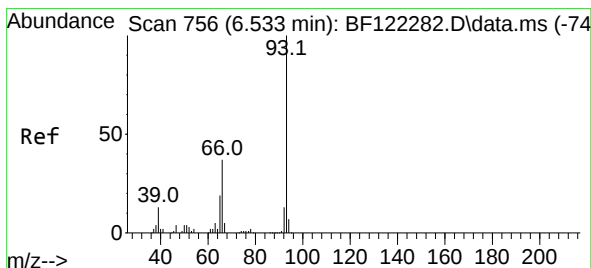
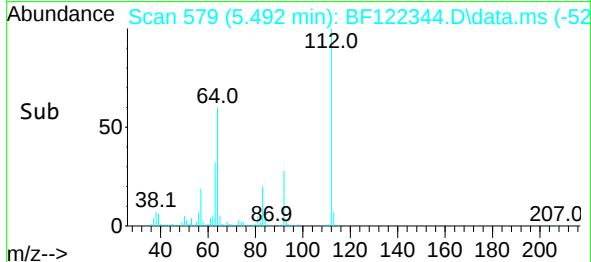
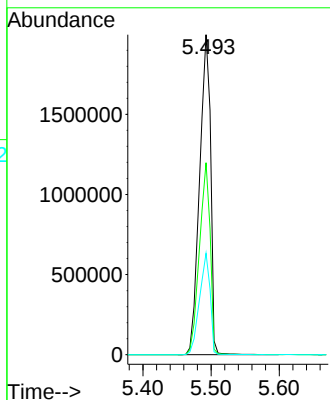
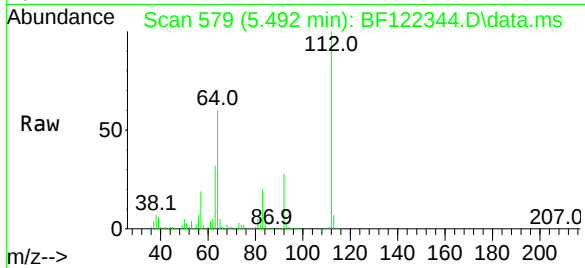
Tgt Ion: 112 Resp: 2241637

Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.4	75.6
63	31.7	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

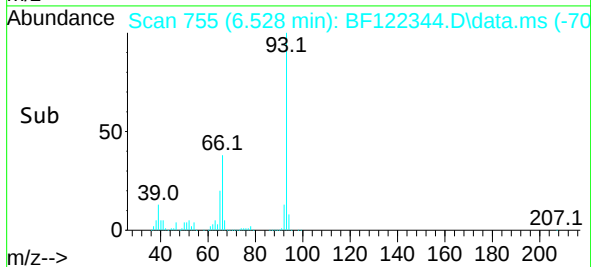
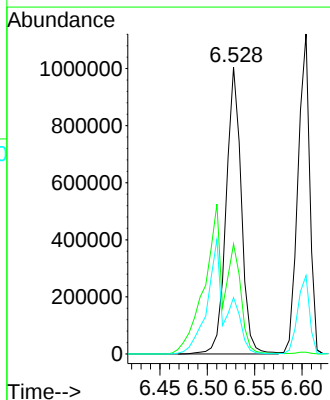
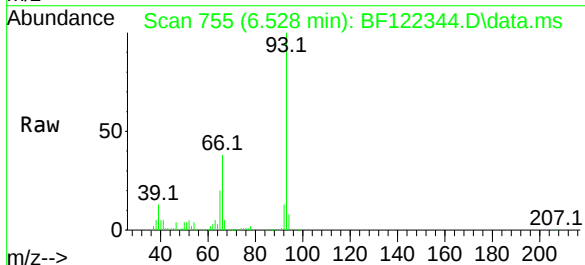
mohammad
11/19/2020 10:28:43 AM

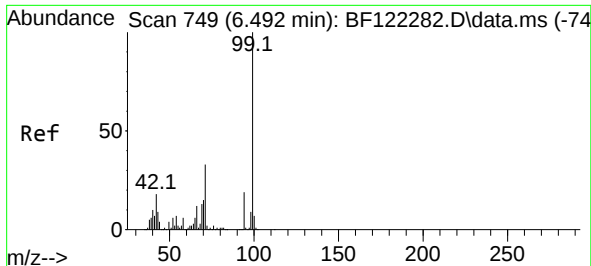


#6
Aniline
Concen: 26.61 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion: 93 Resp: 1119715

Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.7	49.1
65	19.7	16.6	24.8





#7
Phenol-d6
Concen: 90.42 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

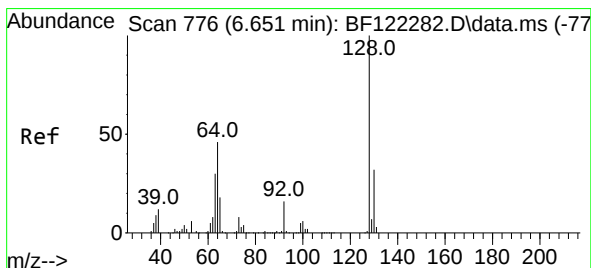
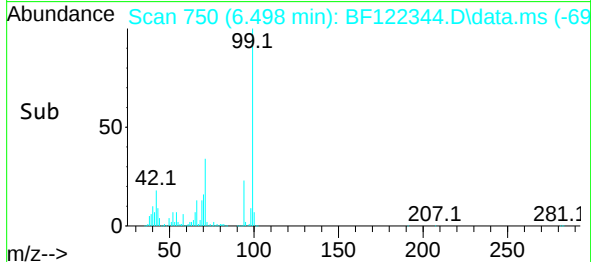
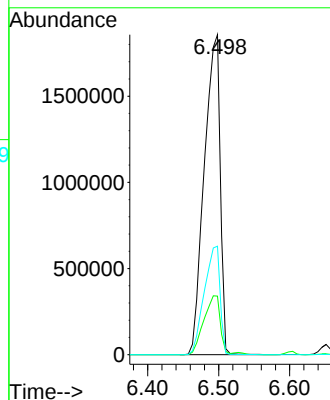
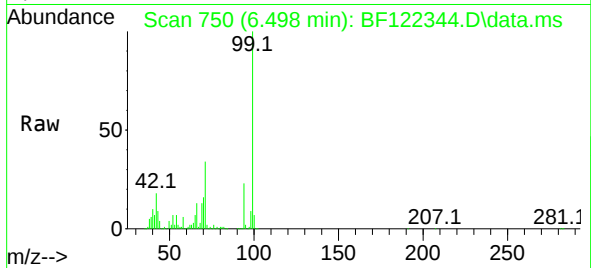
Tgt Ion: 99 Resp: 2899378

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.9	23.9
71	33.9	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

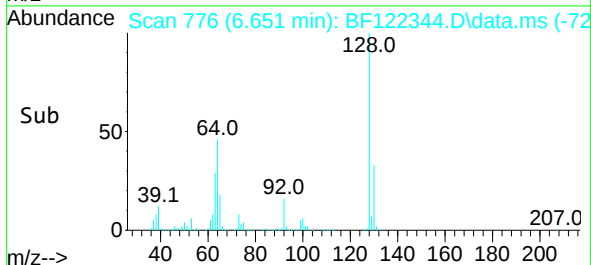
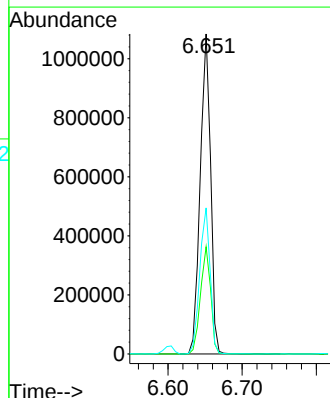
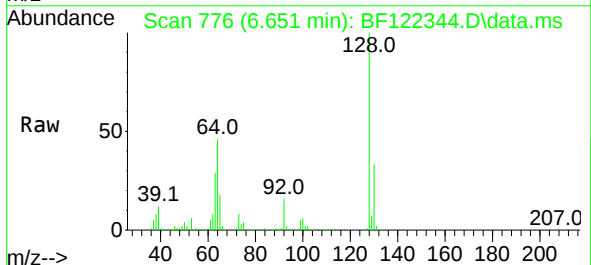
mohammad
11/19/2020 10:28:43 AM

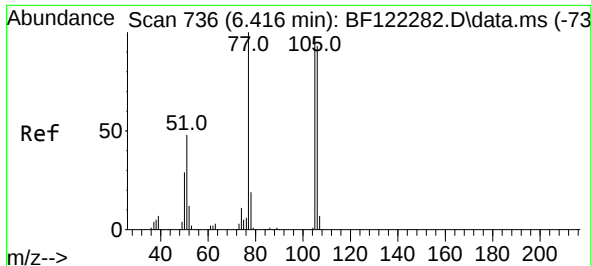


#8
2-Chlorophenol
Concen: 41.36 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion: 128 Resp: 1051283

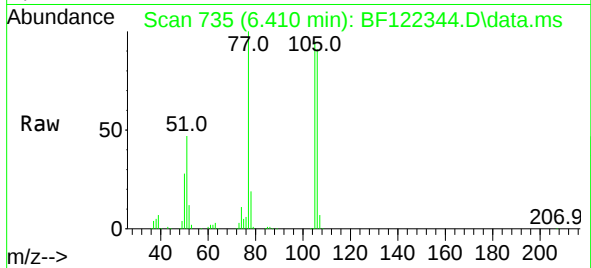
Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.4	52.4
64	45.6	34.8	74.8





#9
Benzaldehyde
Concen: 7.79 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

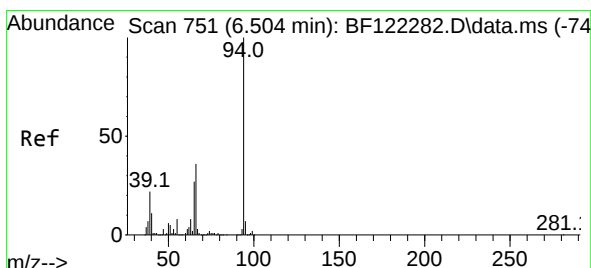
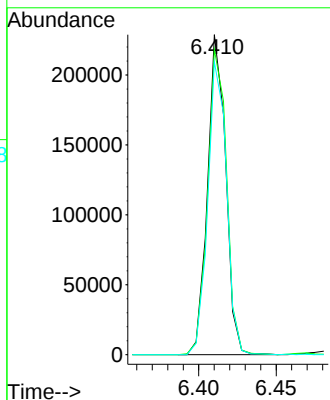
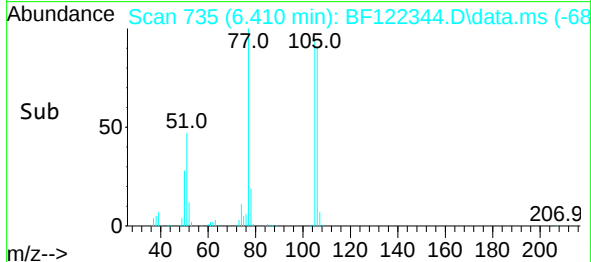
Instrument :
BNA_F
ClientSampleId :
PB133049BS



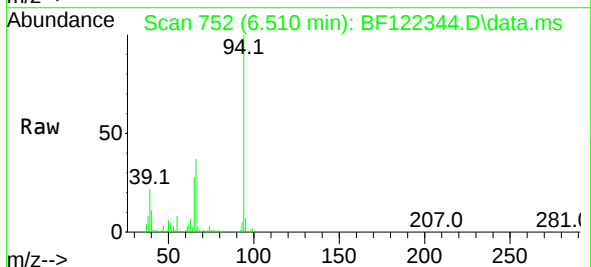
Tgt Ion: 77 Resp: 186652
Ion Ratio Lower Upper
77 100
105 95.4 76.7 116.7
106 91.5 71.3 111.3

Manual Integrations
APPROVED

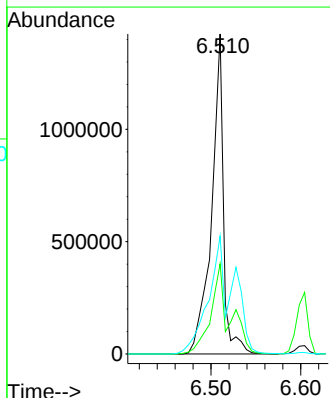
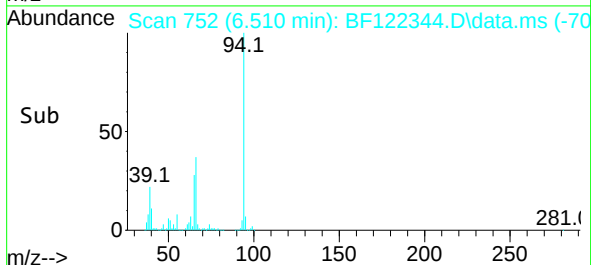
mohammad
11/19/2020 10:28:43 AM

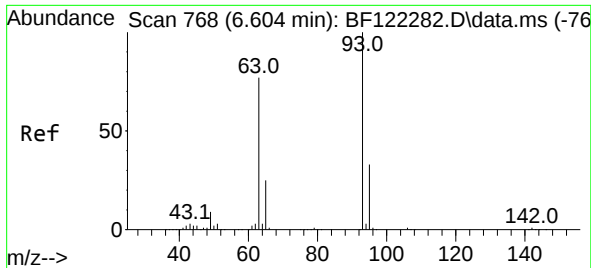


#10
Phenol
Concen: 41.45 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 94 Resp: 1308839
Ion Ratio Lower Upper
94 100
65 28.2 17.1 57.1
66 36.9 36.0 76.0





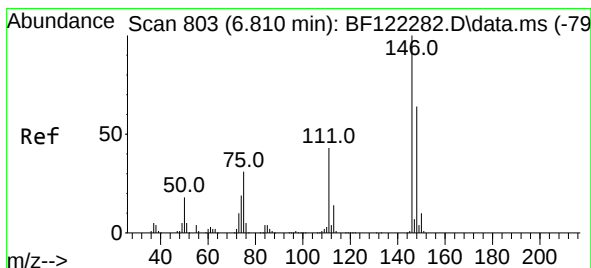
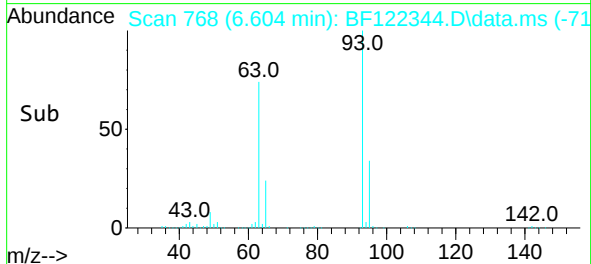
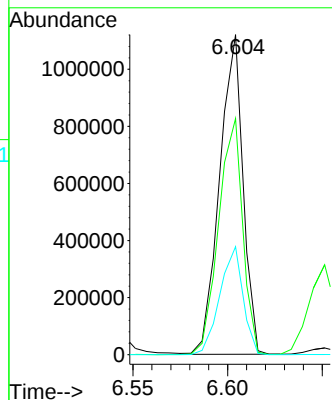
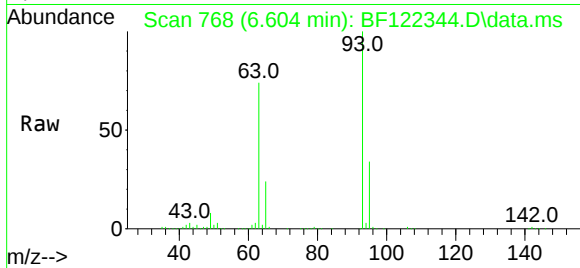
#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion: 93 Resp: 962857
Ion Ratio Lower Upper
93 100
63 73.8 62.4 102.4
95 33.8 12.6 52.6

Instrument :
BNA_F
ClientSampled :
PB133049BS

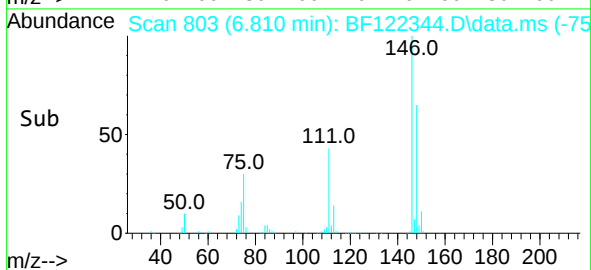
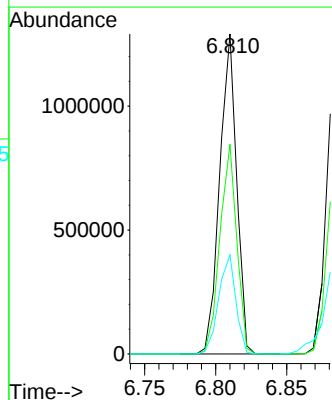
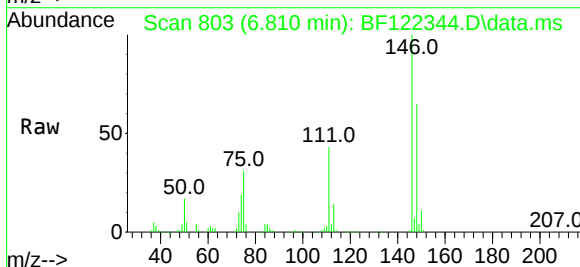
Manual Integrations
APPROVED

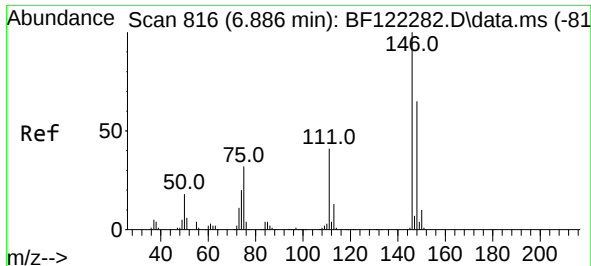
mohammad
11/19/2020 10:28:43 AM



#12
1,3-Dichlorobenzene
Concen: 37.09 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:146 Resp: 1070280
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.4
75 31.0 27.6 41.4





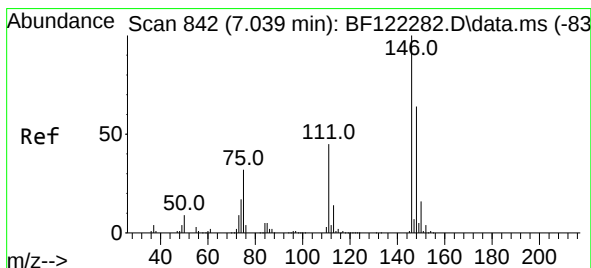
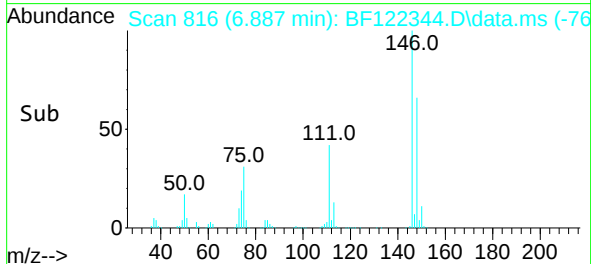
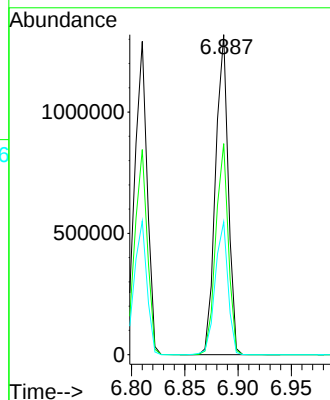
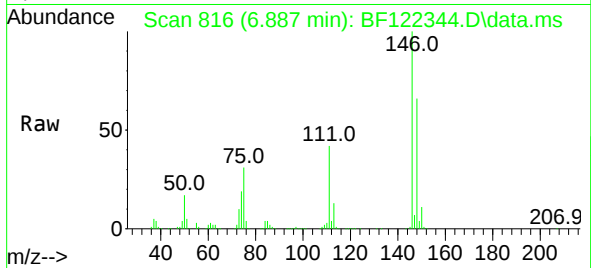
#13
1,4-Dichlorobenzene
Concen: 37.73 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:146 Resp: 1093817
Ion Ratio Lower Upper
146 100
148 65.9 50.1 75.1
111 41.5 34.6 52.0

Instrument :
BNA_F
ClientSampled :
PB133049BS

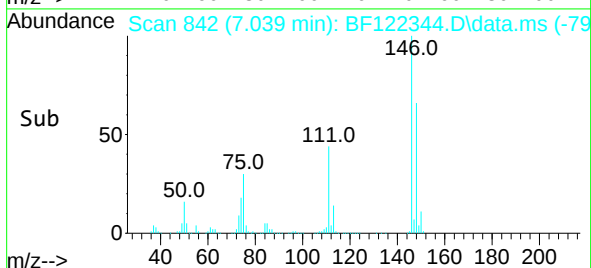
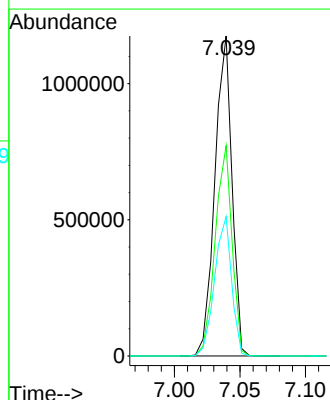
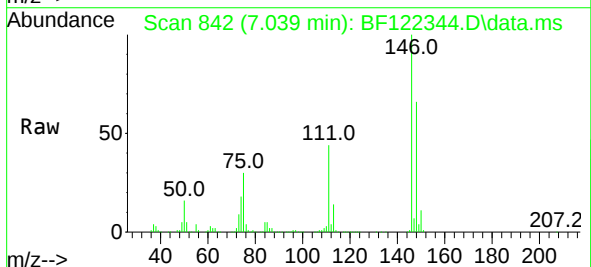
Manual Integrations
APPROVED

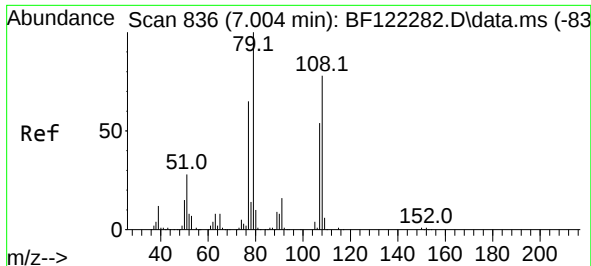
mohammad
11/19/2020 10:28:43 AM



#14
1,2-Dichlorobenzene
Concen: 39.32 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

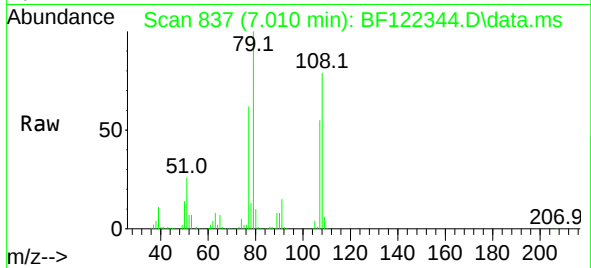
Tgt Ion:146 Resp: 1063665
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
111 43.5 34.2 51.4





#15
Benzyl Alcohol
Concen: 37.75 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

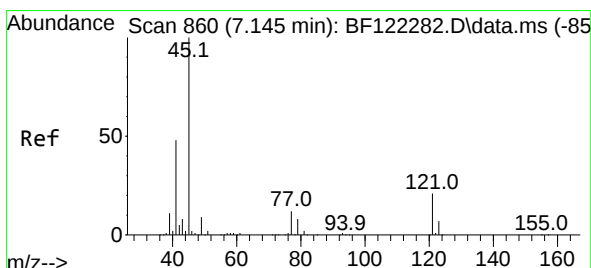
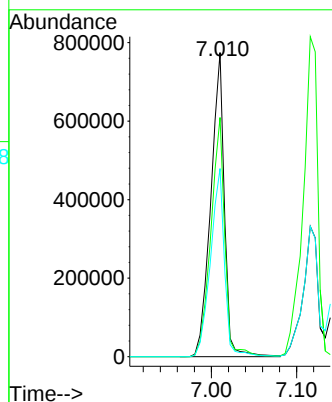
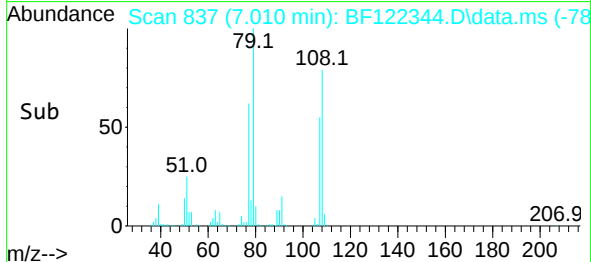
Instrument :
BNA_F
ClientSampled :
PB133049BS



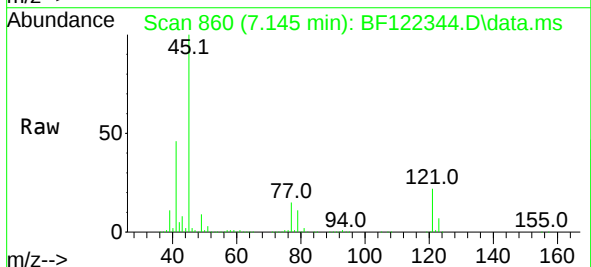
Tgt Ion: 79 Resp: 860659
Ion Ratio Lower Upper
79 100
108 78.7 62.3 93.5
77 61.9 50.6 75.8

Manual Integrations
APPROVED

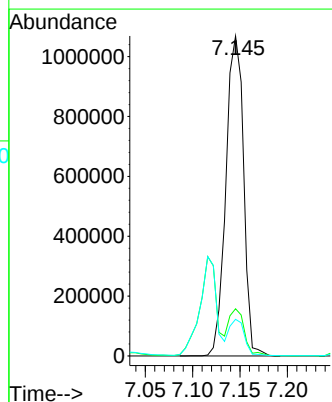
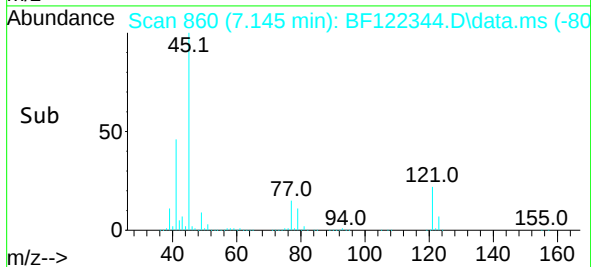
mohammad
11/19/2020 10:28:43 AM

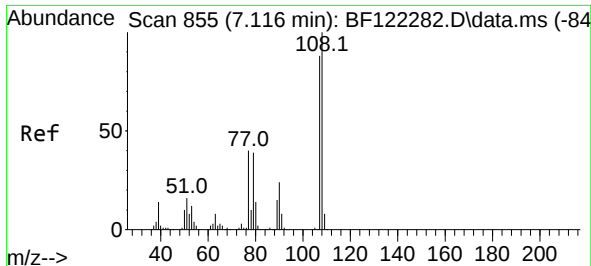


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.81 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



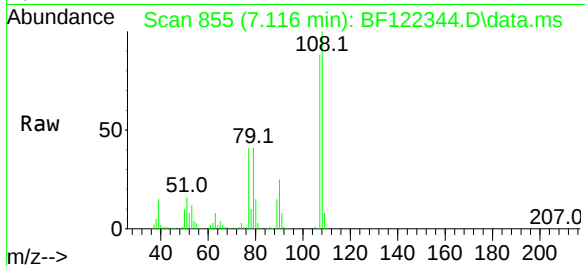
Tgt Ion: 45 Resp: 1383188
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.3
79 11.5 0.0 30.4





#17
2-Methylphenol
Concen: 39.95 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

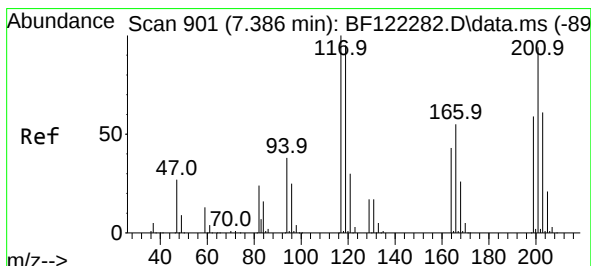
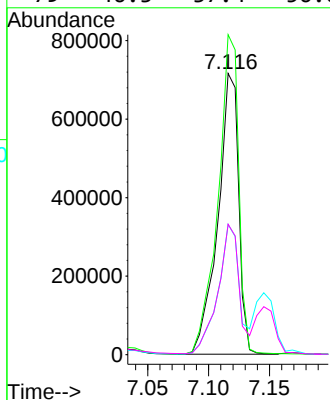
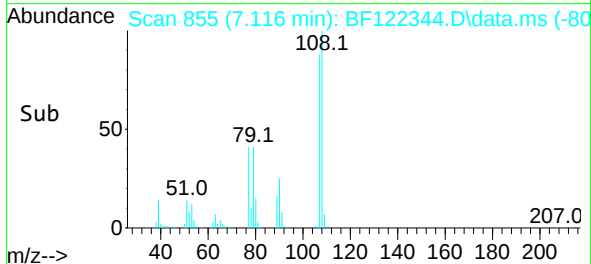
Instrument :
BNA_F
ClientSampled :
PB133049BS



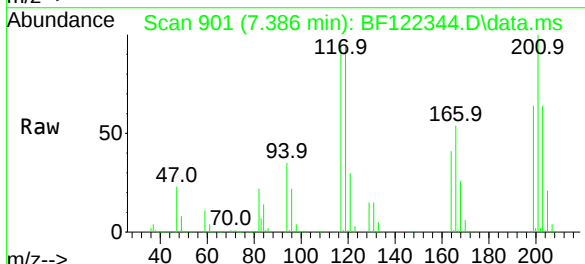
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.9	136.3
77	46.3	37.5	56.3
79	46.3	37.4	56.0

Manual Integrations
APPROVED

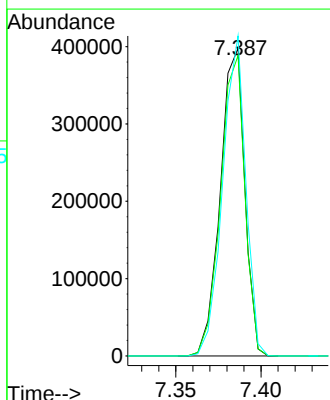
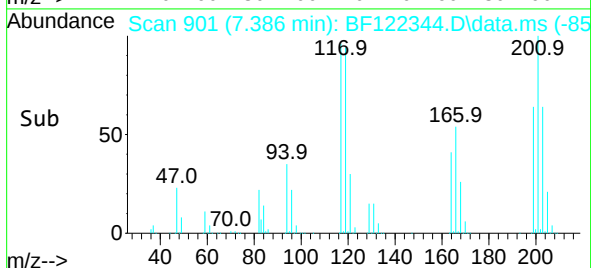
mohammad
11/19/2020 10:28:43 AM

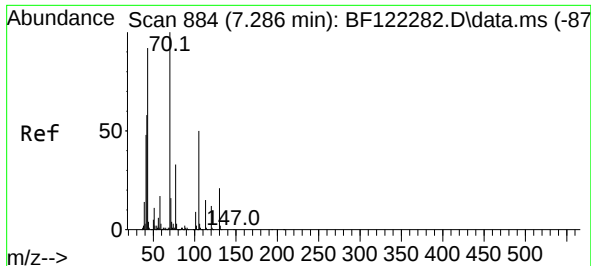


#18
Hexachloroethane
Concen: 39.26 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



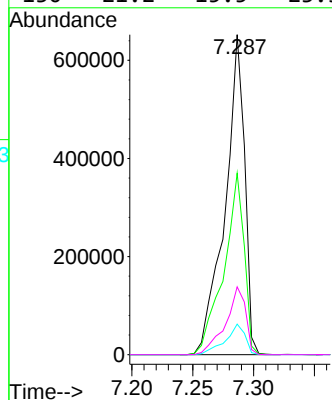
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
201	104.0	71.8	107.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.26 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

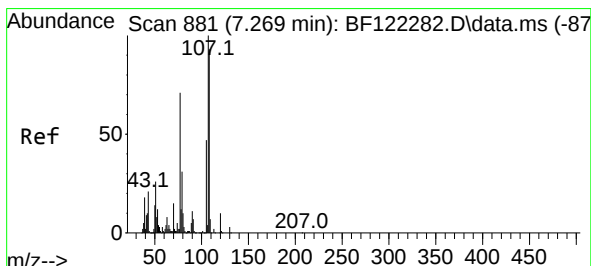
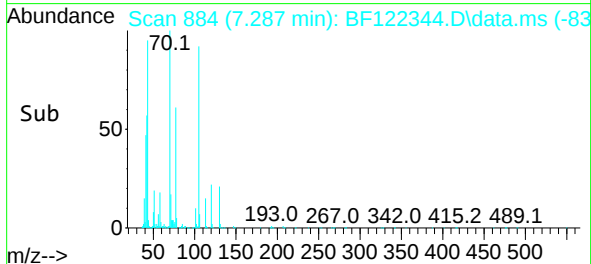
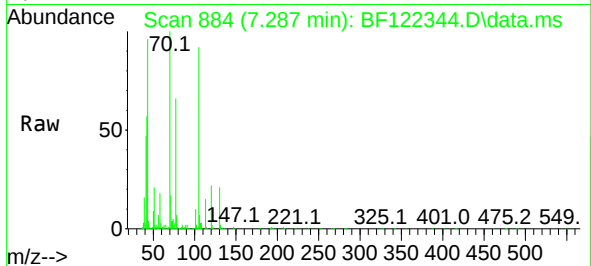
Tgt Ion:	70	Resp:	733146
Ion	Ratio	Lower	Upper
70	100		
42	56.7	50.2	75.4
101	9.6	7.5	11.3
130	21.2	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB133049BS

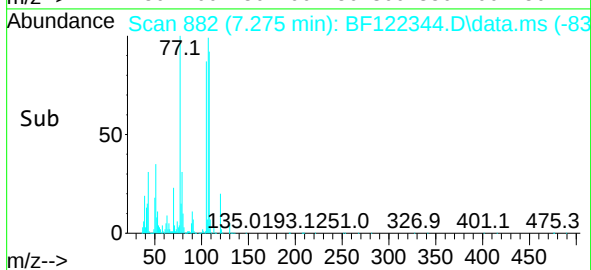
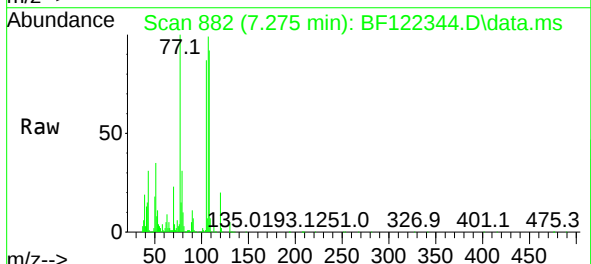
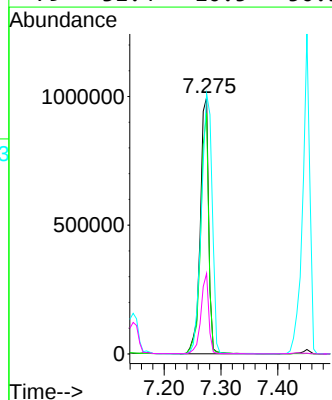
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#20
3+4-Methylphenols
Concen: 39.31 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

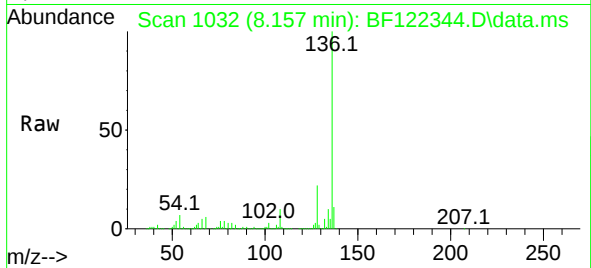
Tgt Ion:	107	Resp:	1026268
Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.9	108.9
77	101.5	108.0	148.0#
79	31.4	10.5	50.5





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

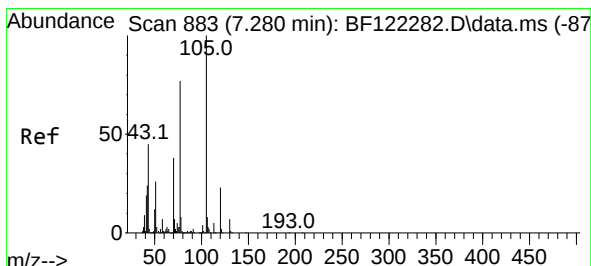
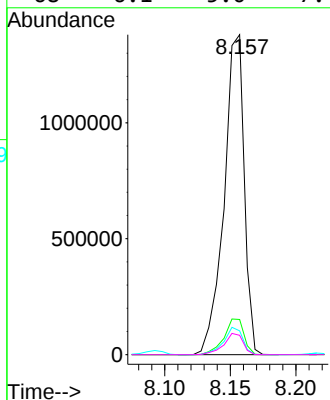
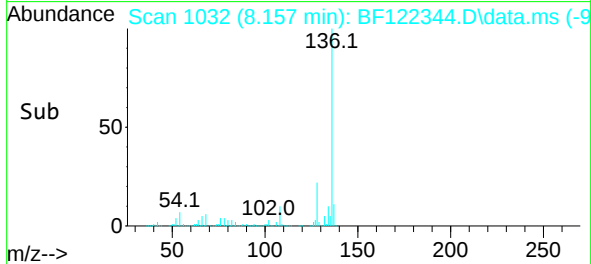
Instrument :
BNA_F
ClientSampleId :
PB133049BS



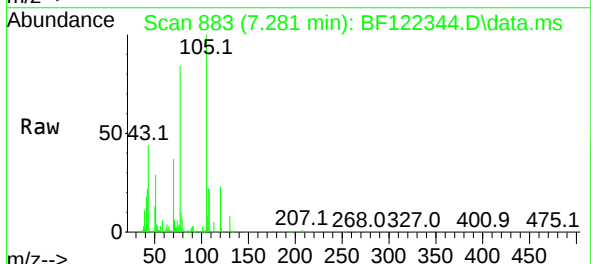
Tgt Ion:136 Resp: 1475731
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.4 7.1 10.7
68 6.1 5.0 7.4

Manual Integrations
APPROVED

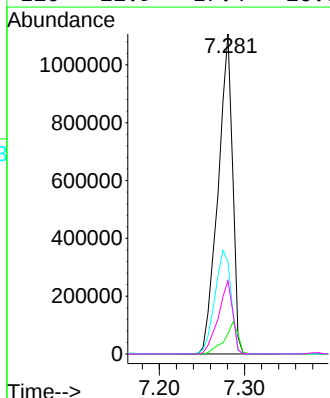
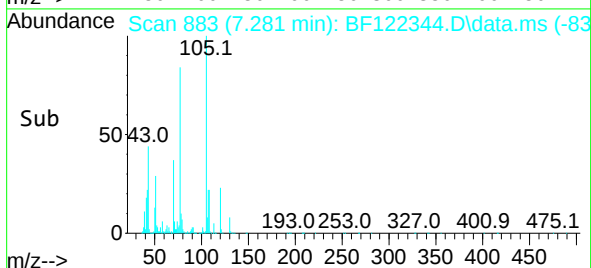
mohammad
11/19/2020 10:28:43 AM

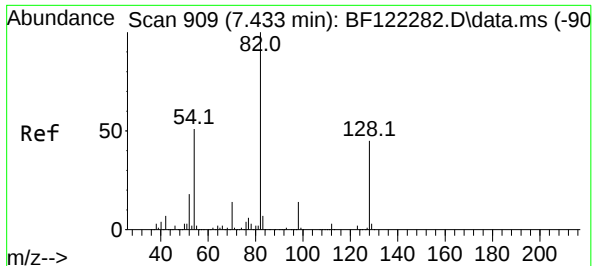


#22
Acetophenone
Concen: 34.14 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

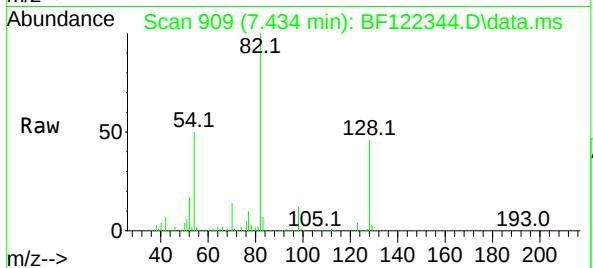


Tgt Ion:105 Resp: 1312119
Ion Ratio Lower Upper
105 100
71 6.3 5.3 7.9
51 28.8 33.2 49.8#
120 22.9 17.4 26.0



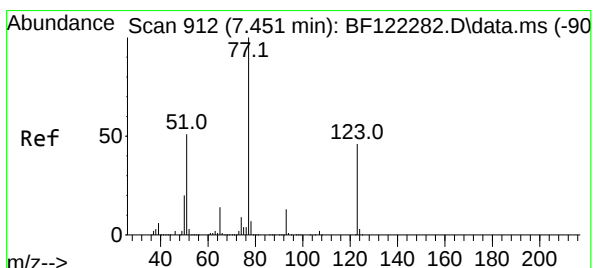
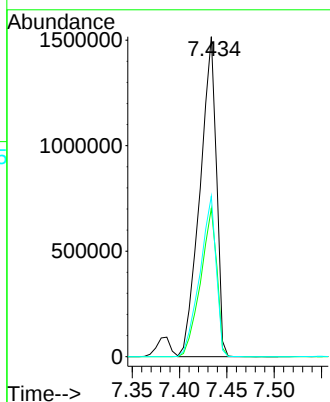
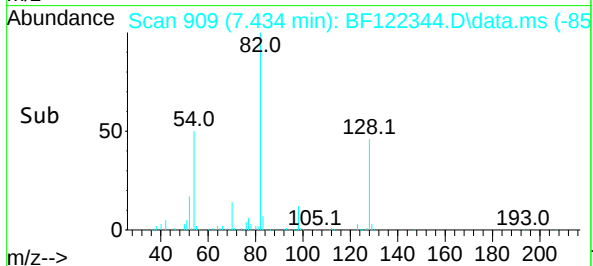


#23
Nitrobenzene-d5
Concen: 76.03 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

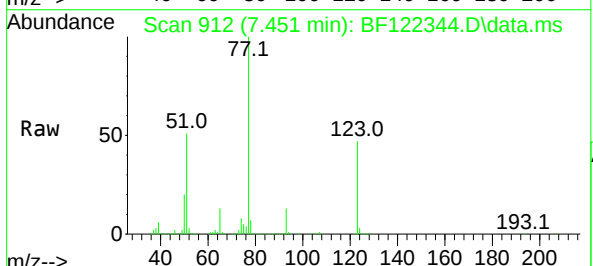


Tgt Ion: 82 Resp: 1832630

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.0	52.4
54	50.2	43.9	65.9

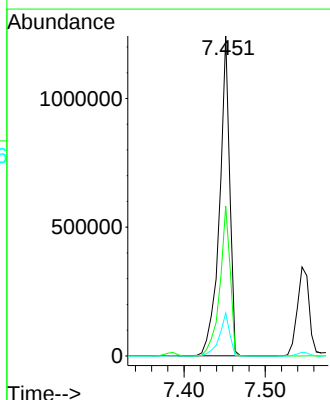
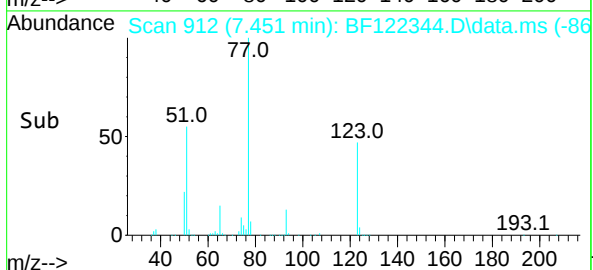


#24
Nitrobenzene
Concen: 39.37 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 77 Resp: 1085795

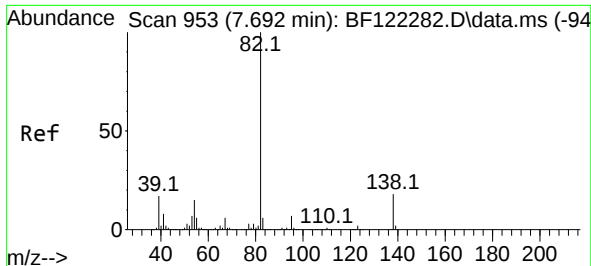
Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.6	53.4
65	13.5	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB133049BS

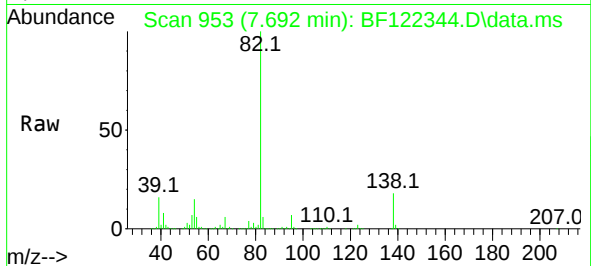
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#25
Isophorone
Concen: 36.20 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

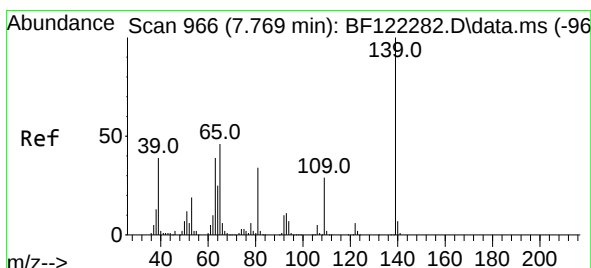
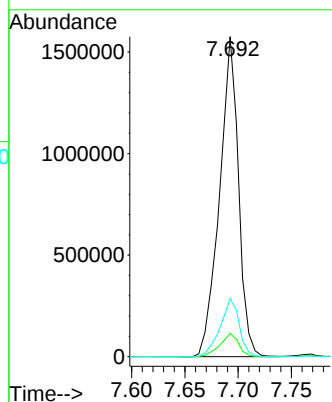
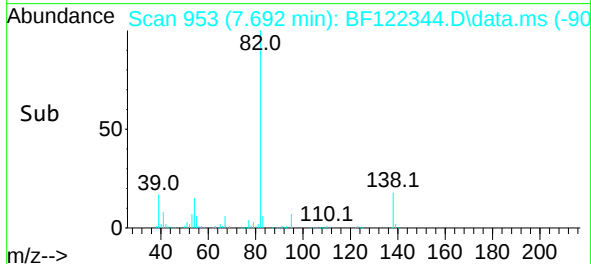
Instrument :
BNA_F
ClientSampleId :
PB133049BS



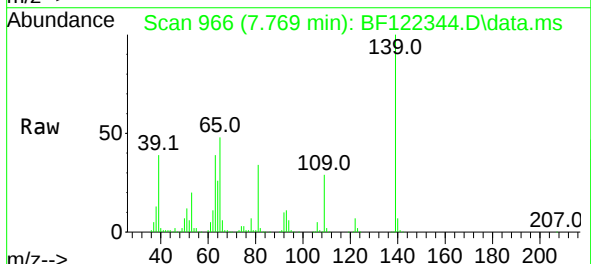
Tgt Ion: 82 Resp: 1945147
Ion Ratio Lower Upper
82 100
95 7.3 5.4 8.0
138 18.2 13.4 20.0

Manual Integrations
APPROVED

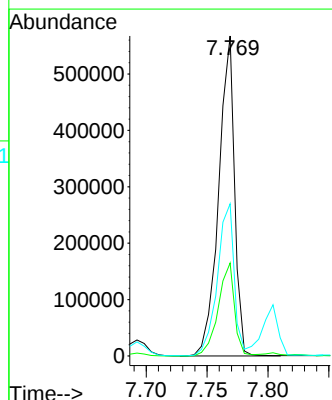
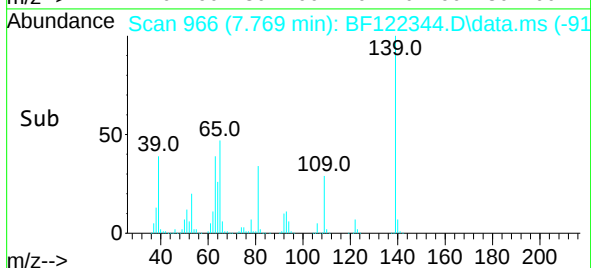
mohammad
11/19/2020 10:28:43 AM

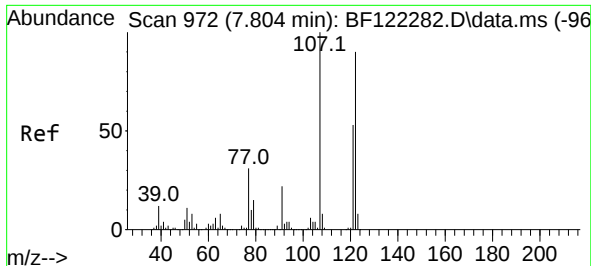


#26
2-Nitrophenol
Concen: 43.78 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 139 Resp: 515808
Ion Ratio Lower Upper
139 100
109 29.1 23.0 34.4
65 47.6 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 35.98 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF122344.D

Acq: 17 Nov 2020 14:07

Tgt Ion:	122	Resp:	912030
Ion	Ratio	Lower	Upper
122	100		
107	110.5	90.8	136.2
121	58.6	47.5	71.3

Instrument :

BNA_F

ClientSampleId :

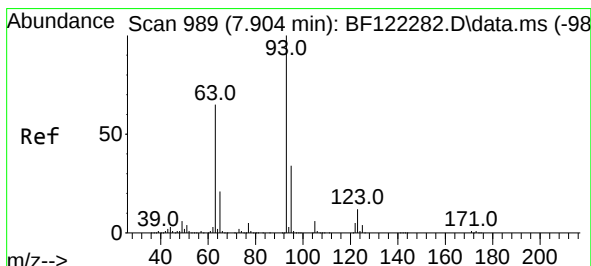
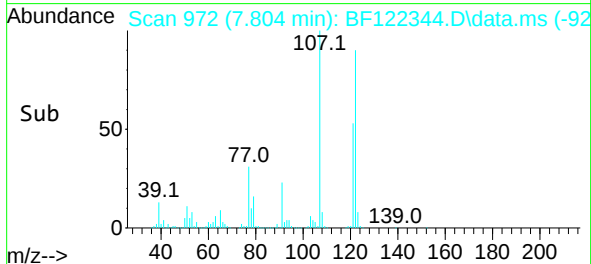
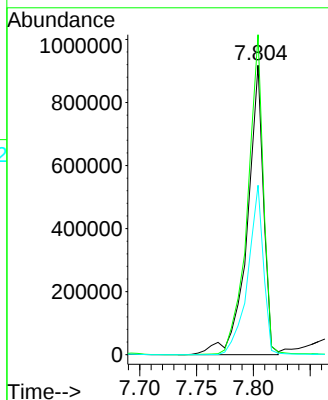
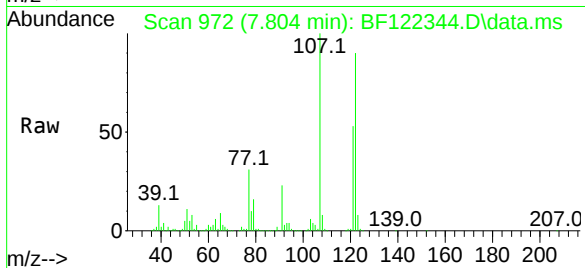
PB133049BS

Manual Integrations

APPROVED

mohammad

11/19/2020 10:28:43 AM



#28

bis(2-Chloroethoxy)methane

Concen: 36.95 ng

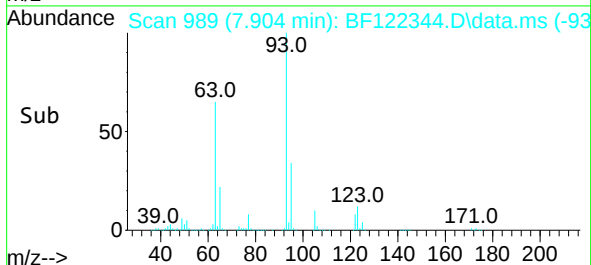
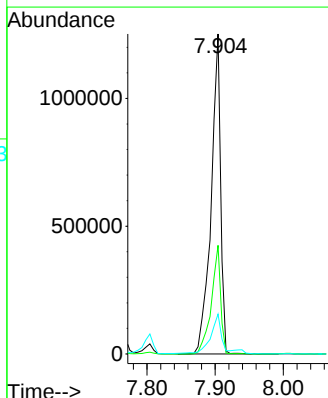
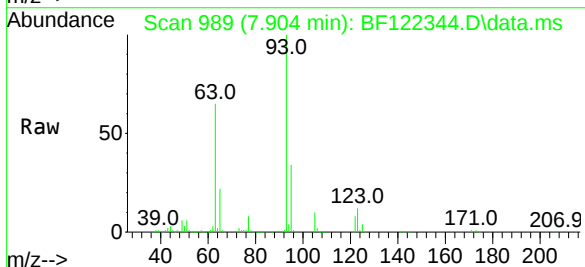
RT: 7.904 min Scan# 989

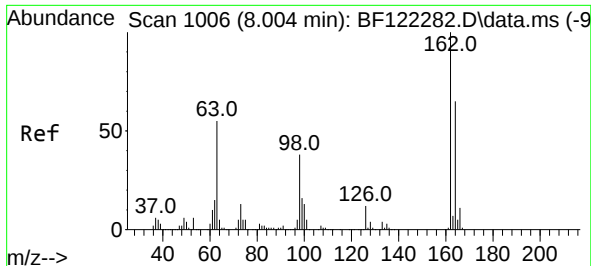
Delta R.T. 0.000 min

Lab File: BF122344.D

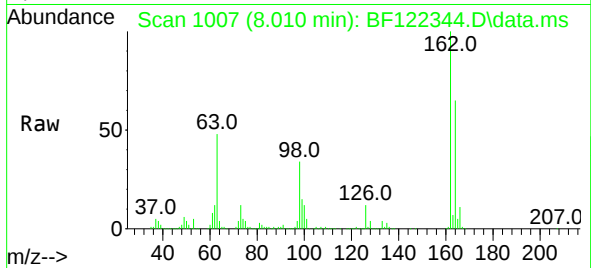
Acq: 17 Nov 2020 14:07

Tgt Ion:	93	Resp:	1214447
Ion	Ratio	Lower	Upper
93	100		
95	33.9	26.2	39.4
123	12.5	8.8	13.2

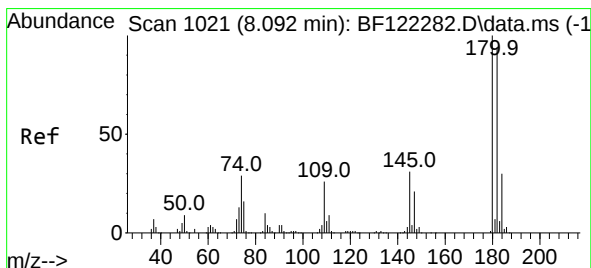
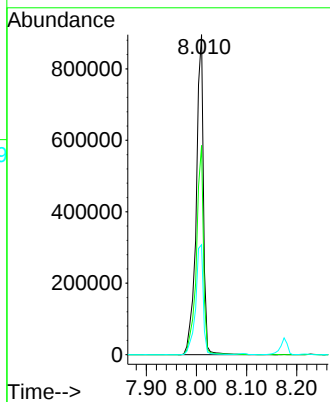
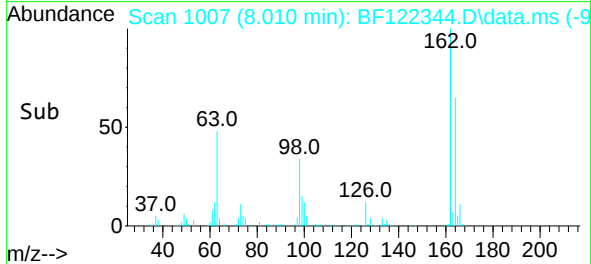




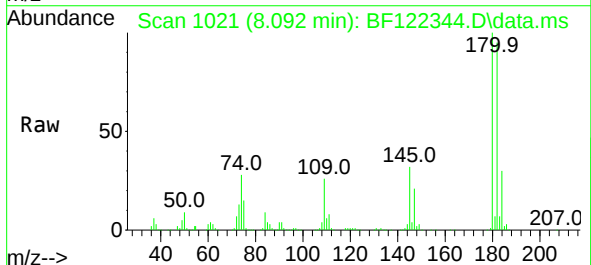
#29
2,4-Dichlorophenol
Concen: 39.86 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



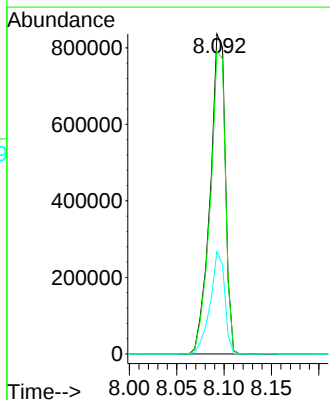
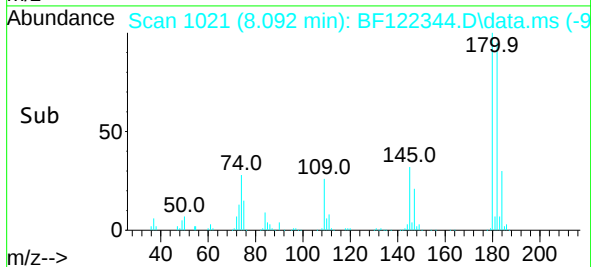
Tgt Ion:162 Resp: 894483
Ion Ratio Lower Upper
162 100
164 65.3 42.5 82.5
98 34.4 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 37.61 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



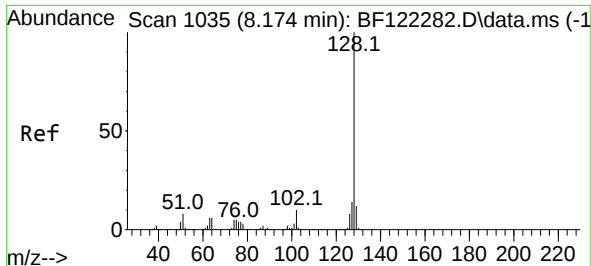
Tgt Ion:180 Resp: 931579
Ion Ratio Lower Upper
180 100
182 94.6 79.4 119.2
145 31.9 25.5 38.3



Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



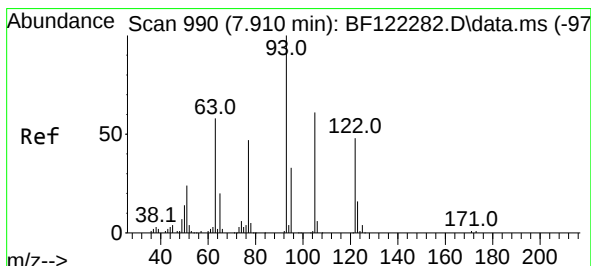
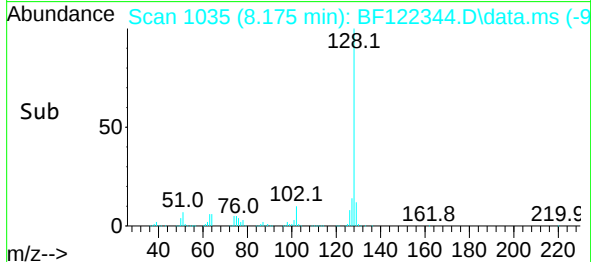
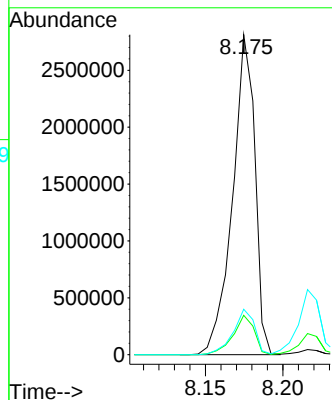
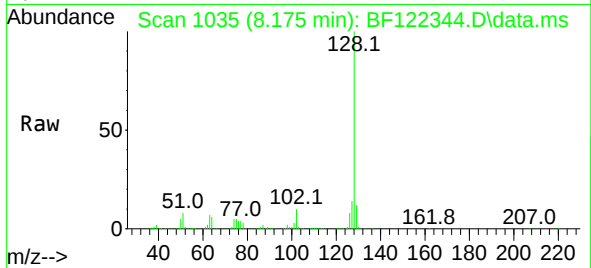
#31
Naphthalene
Concen: 35.88 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:128 Resp: 2814733
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.2 10.8 16.2

Instrument :
BNA_F
ClientSampled :
PB133049BS

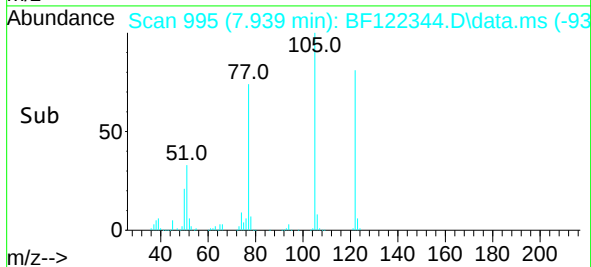
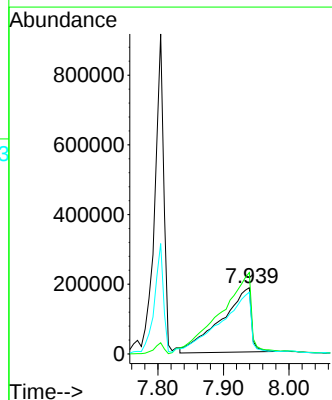
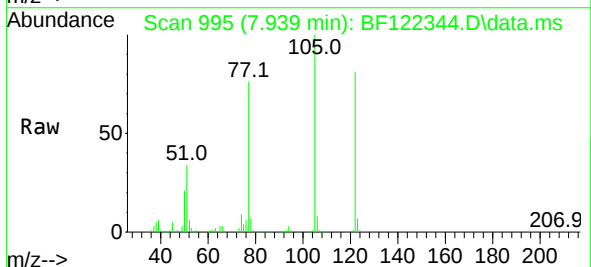
Manual Integrations
APPROVED

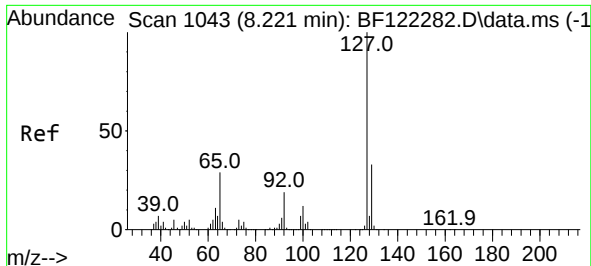
mohammad
11/19/2020 10:28:43 AM



#32
Benzoic acid
Concen: 43.36 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.029 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

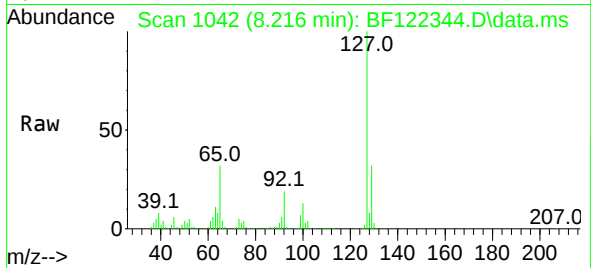
Tgt Ion:122 Resp: 595467
Ion Ratio Lower Upper
122 100
105 122.9 103.3 143.3
77 93.3 73.9 113.9





#33
4-Chloroaniline
Concen: 17.17 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

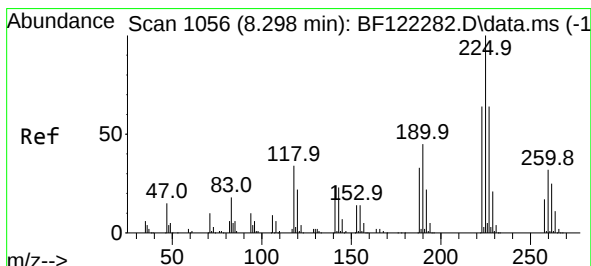
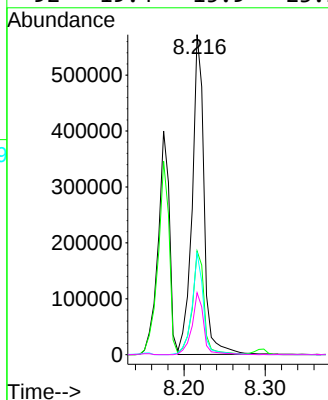
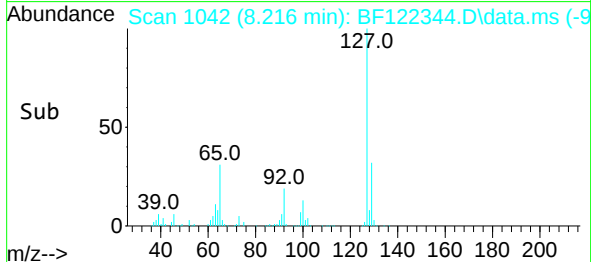
Instrument :
BNA_F
ClientSampleId :
PB133049BS



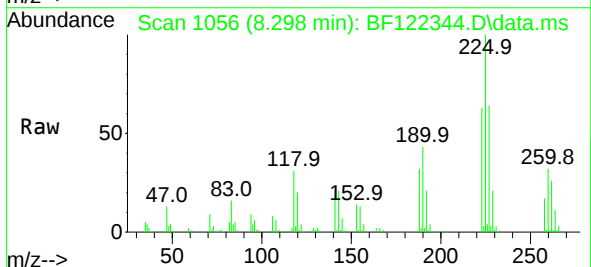
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	31.7	26.2	39.2
92	19.4	15.9	23.9

Manual Integrations
APPROVED

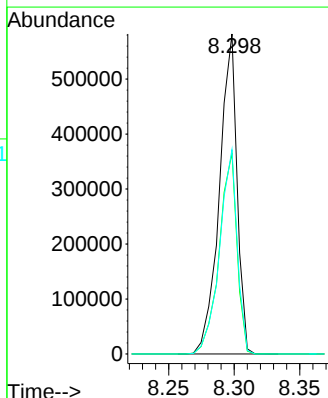
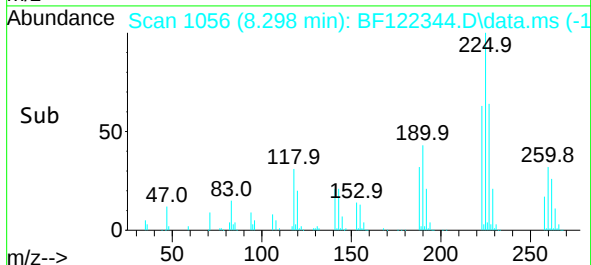
mohammad
11/19/2020 10:28:43 AM

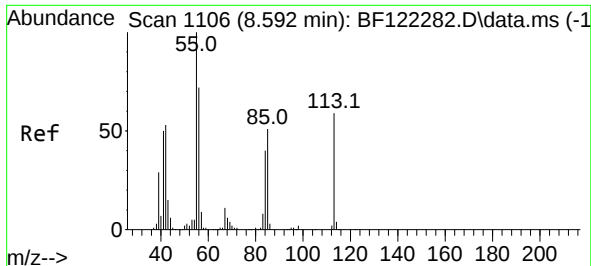


#34
Hexachlorobutadiene
Concen: 38.16 ng
RT: 8.298 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

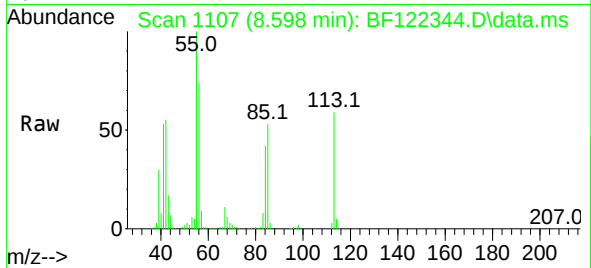


Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.1	76.7
227	63.9	51.0	76.6

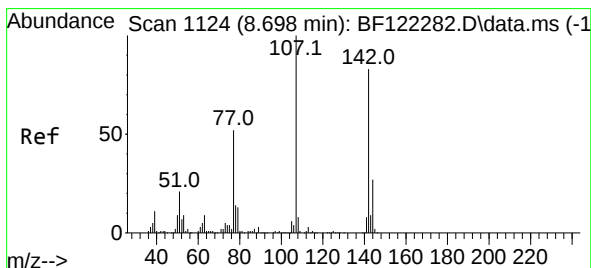
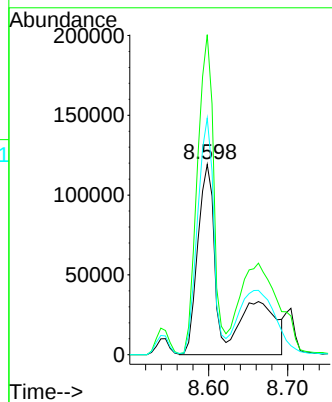
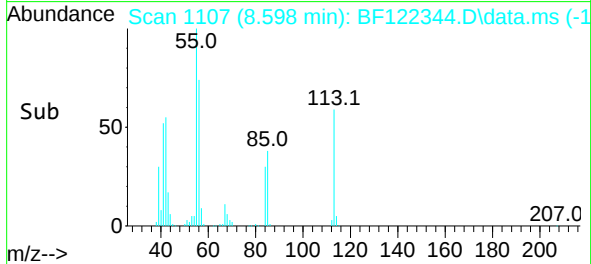




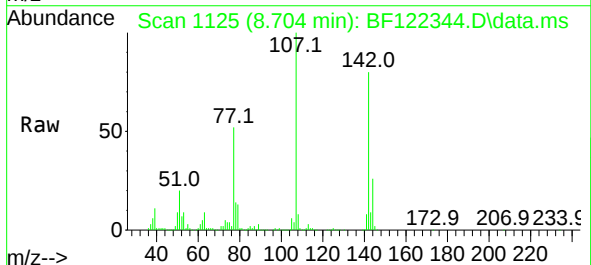
#35
Caprolactam
Concen: 38.78 ng m
RT: 8.598 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



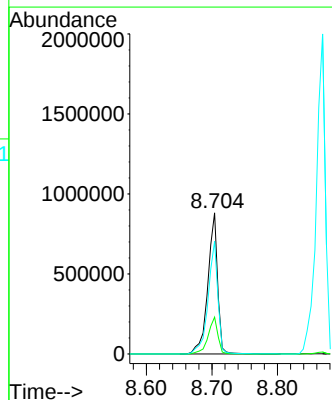
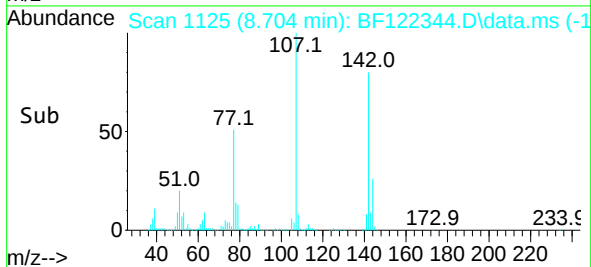
Tgt Ion:113 Resp: 275844
Ion Ratio Lower Upper
113 100
55 168.2 167.5 207.5
56 124.4 121.2 161.2



#36
4-Chloro-3-methylphenol
Concen: 39.25 ng
RT: 8.704 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



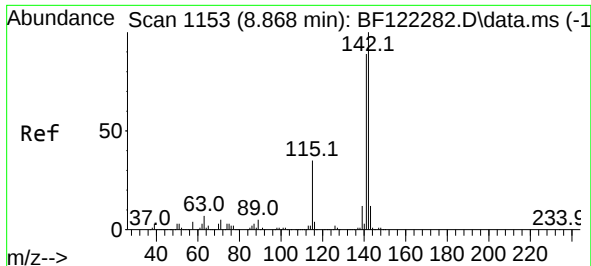
Tgt Ion:107 Resp: 918718
Ion Ratio Lower Upper
107 100
144 26.1 20.1 30.1
142 79.8 59.3 88.9



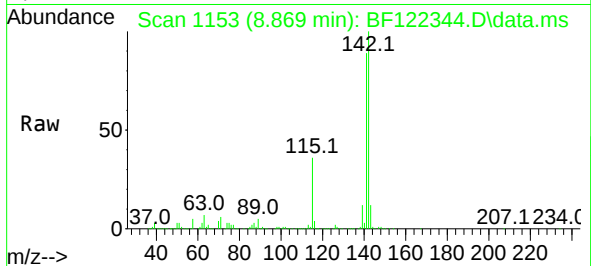
Instrument :
BNA_F
ClientSampled :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM

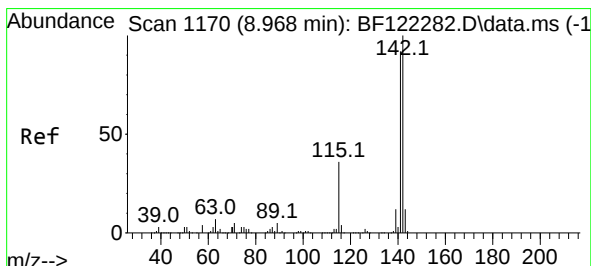
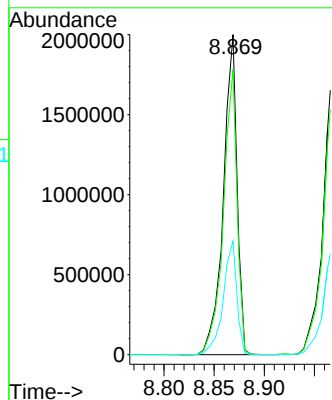
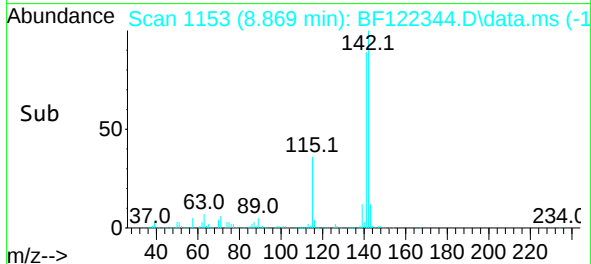


#37
2-Methylnaphthalene
Concen: 36.64 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.001 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

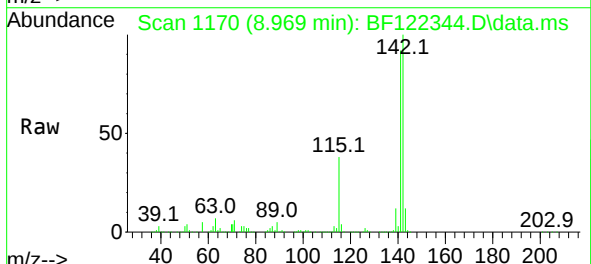


Tgt Ion:142 Resp: 1899376

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.4
115	35.5	28.6	43.0

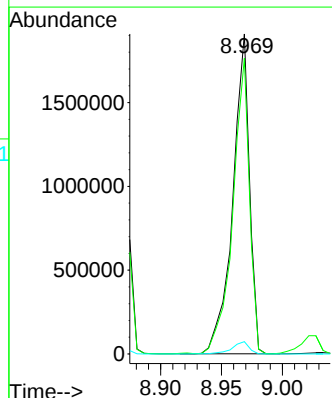
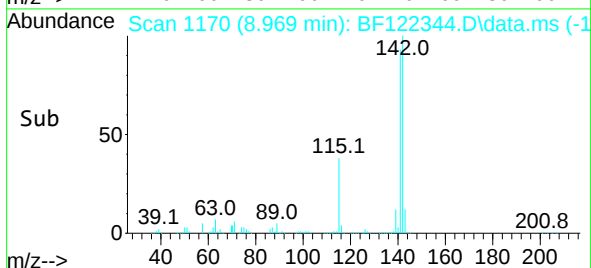


#38
1-Methylnaphthalene
Concen: 37.52 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:142 Resp: 1820256

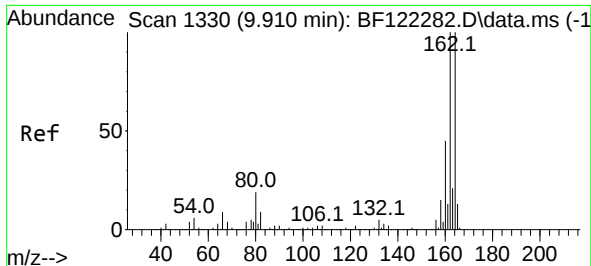
Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.5	111.7
116	3.8	3.2	4.8



Instrument :
BNA_F
ClientSampleId :
PB133049BS

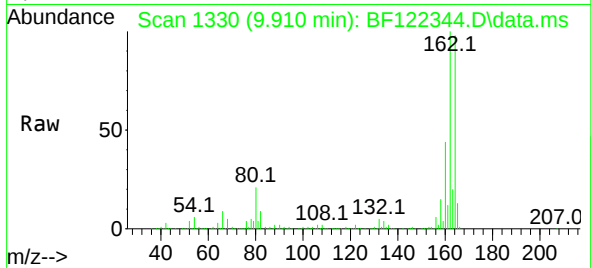
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

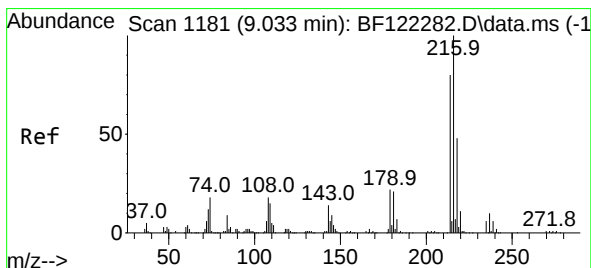
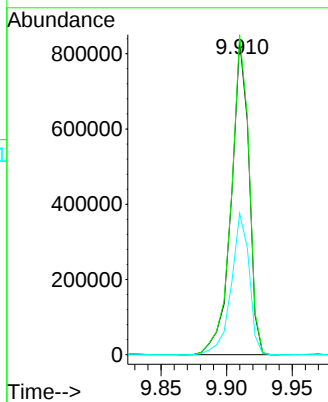
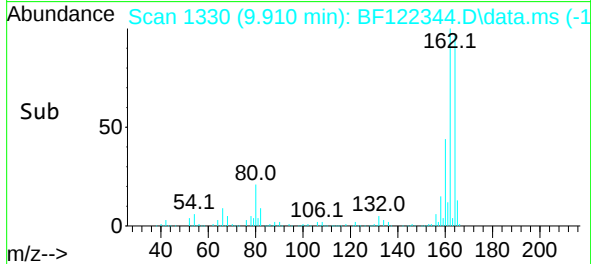
Instrument :
BNA_F
ClientSampleId :
PB133049BS



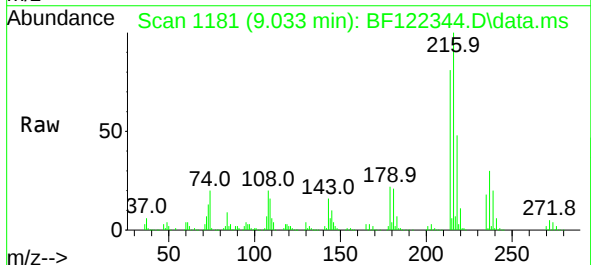
Tgt Ion:164 Resp: 787872
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 45.0 37.5 56.3

Manual Integrations
APPROVED

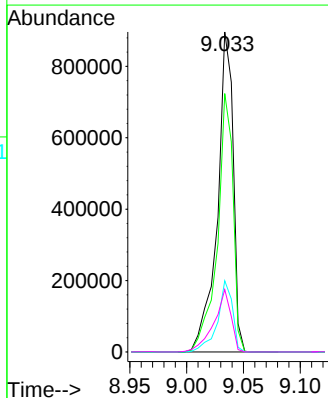
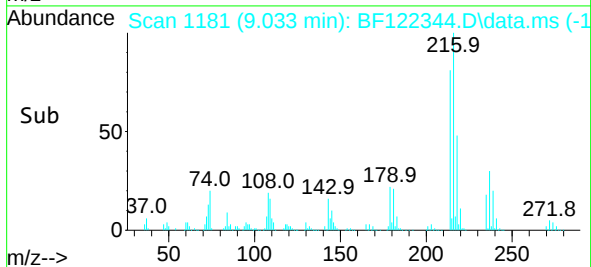
mohammad
11/19/2020 10:28:43 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.91 ng
RT: 9.033 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:216 Resp: 871930
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.2
179 21.1 17.0 25.6
108 21.0 15.5 23.3





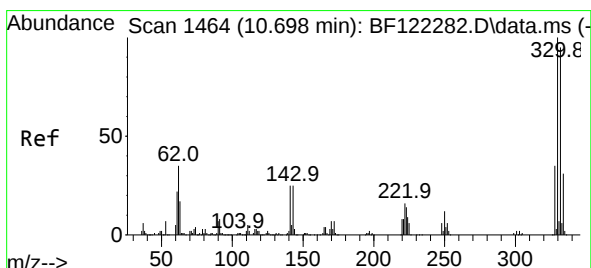
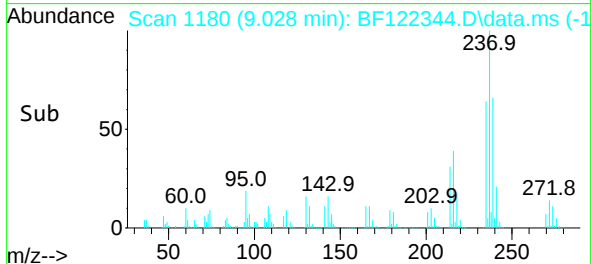
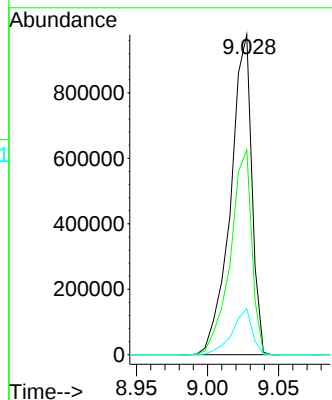
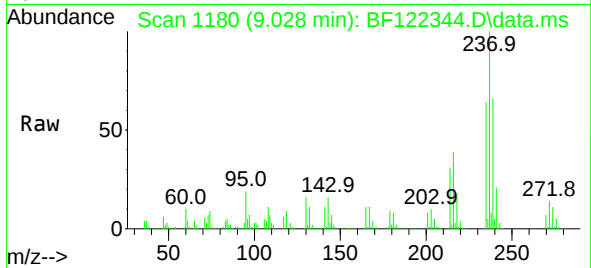
#41
Hexachlorocyclopentadiene
Concen: 71.74 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:237 Resp: 1018363
Ion Ratio Lower Upper
237 100
235 64.1 41.8 81.8
272 14.3 0.0 33.5

Instrument :
BNA_F
ClientSampleId :
PB133049BS

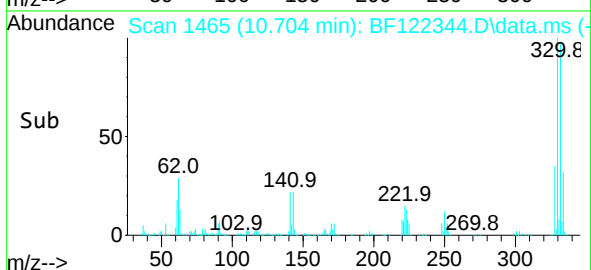
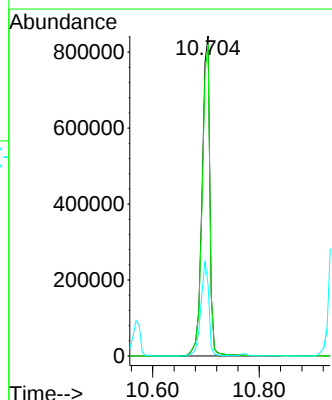
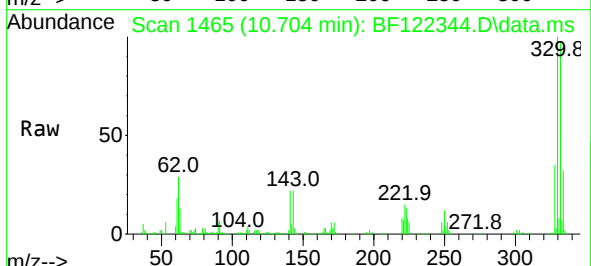
Manual Integrations
APPROVED

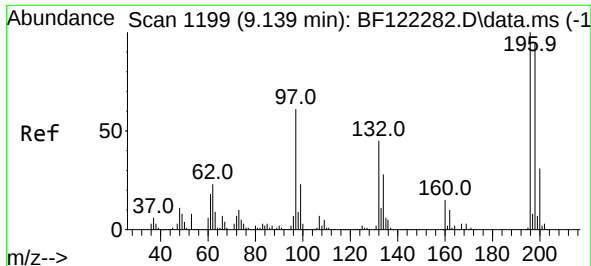
mohammad
11/19/2020 10:28:43 AM



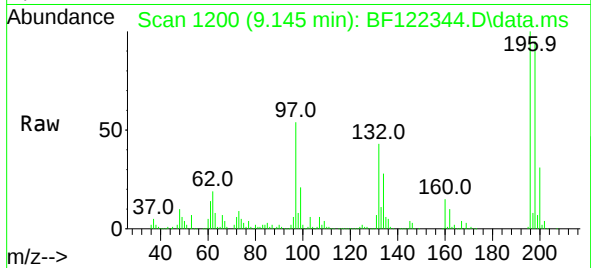
#42
2,4,6-Tribromophenol
Concen: 101.10 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:330 Resp: 854929
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 30.2 22.3 33.5

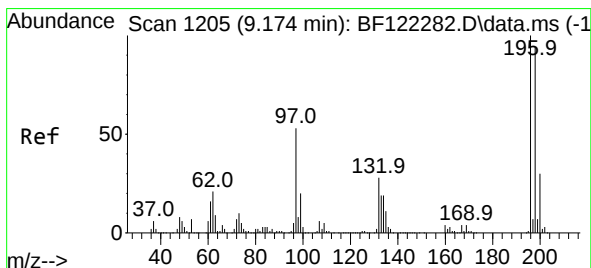
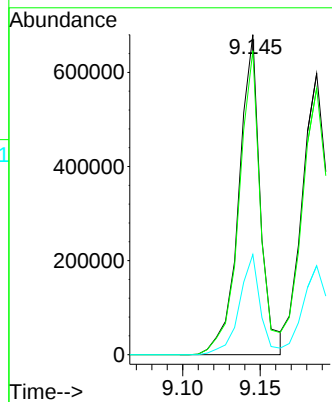
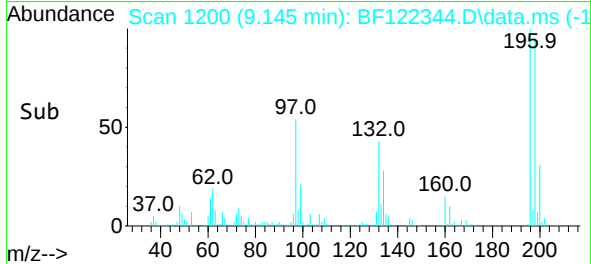




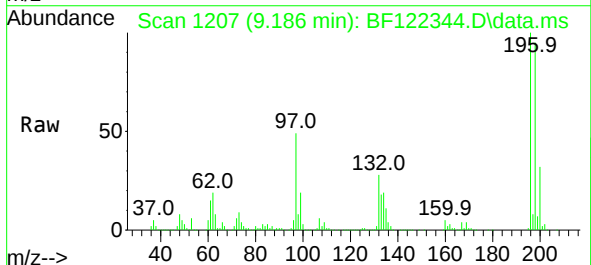
#43
2,4,6-Trichlorophenol
Concen: 41.61 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



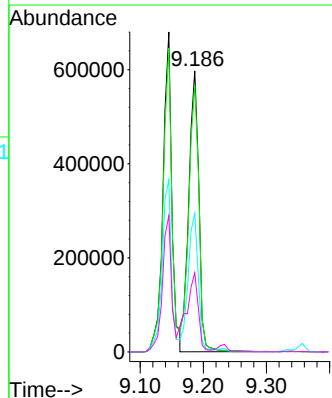
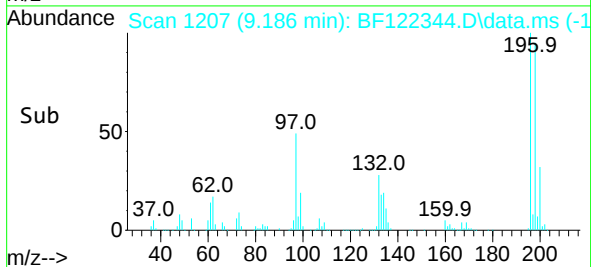
Tgt Ion:196 Resp: 656104
Ion Ratio Lower Upper
196 100
198 95.0 75.8 113.6
200 31.3 24.6 36.8



#44
2,4,5-Trichlorophenol
Concen: 40.52 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.012 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



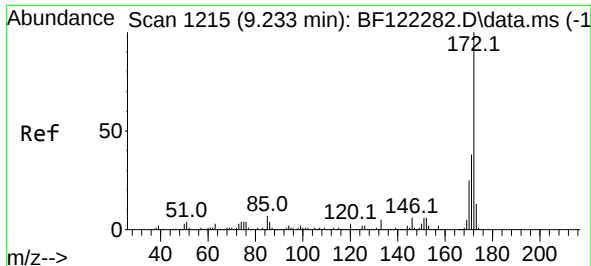
Tgt Ion:196 Resp: 669806
Ion Ratio Lower Upper
196 100
198 94.7 76.1 114.1
97 49.3 41.0 61.6
132 28.2 22.4 33.6



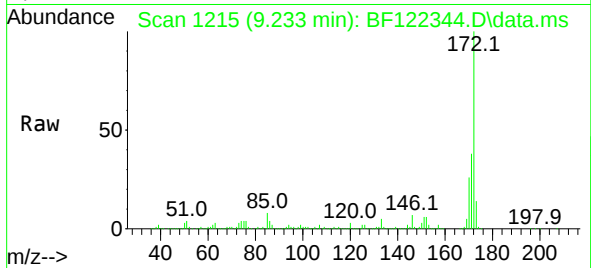
Instrument :
BNA_F
ClientSampled :
PB133049BS

Manual Integrations
APPROVED

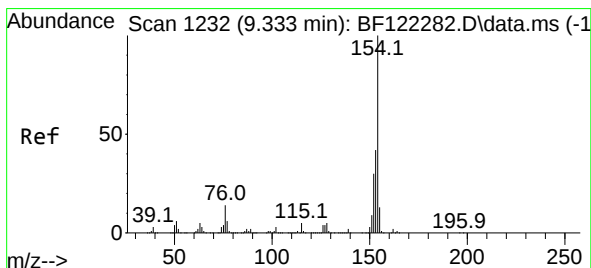
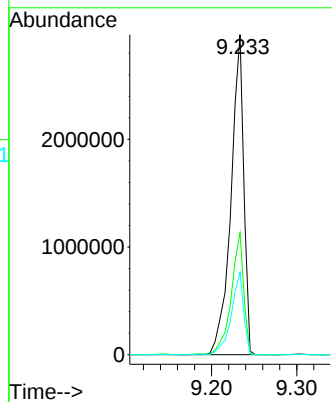
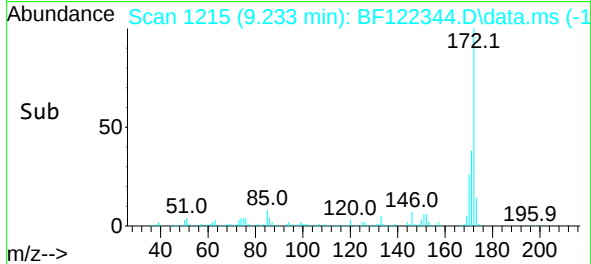
mohammad
11/19/2020 10:28:43 AM



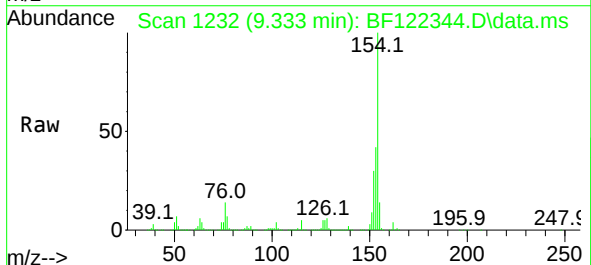
#45
2-Fluorobiphenyl
Concen: 61.85 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



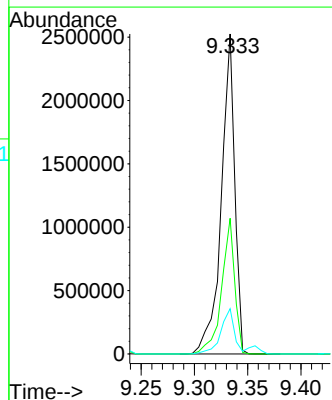
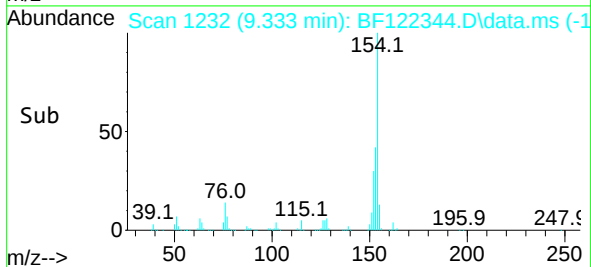
Tgt Ion:172 Resp: 3118851
Ion Ratio Lower Upper
172 100
171 38.1 29.1 43.7
170 25.8 19.8 29.6



#46
1,1'-Biphenyl
Concen: 35.25 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



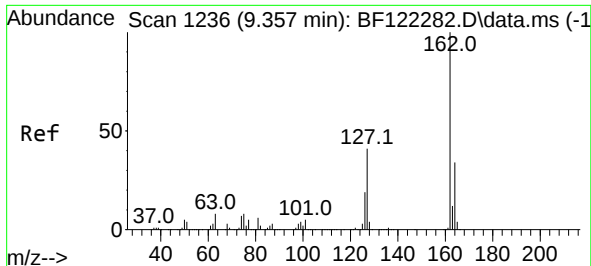
Tgt Ion:154 Resp: 2210594
Ion Ratio Lower Upper
154 100
153 42.4 21.3 61.3
76 14.2 0.0 34.7



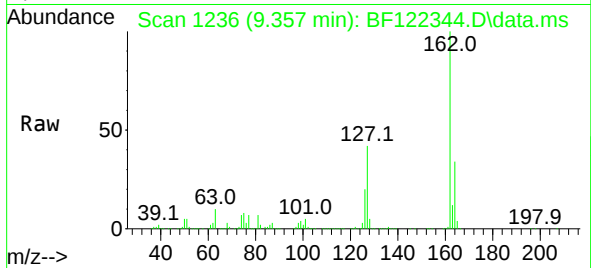
Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM

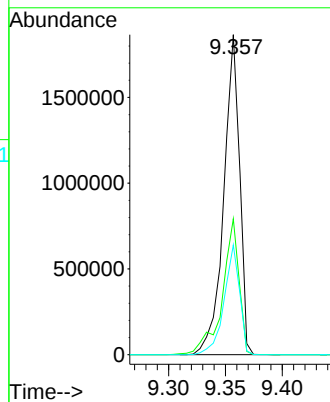
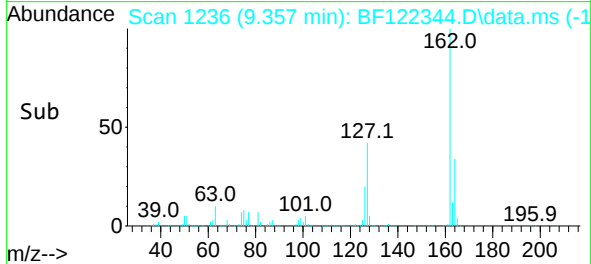


#47
2-Chloronaphthalene
Concen: 36.46 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 162 Resp: 1814805

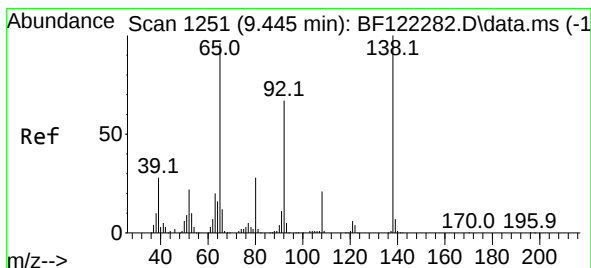
Ion	Ratio	Lower	Upper
162	100		
127	42.4	34.4	51.6
164	34.3	26.3	39.5



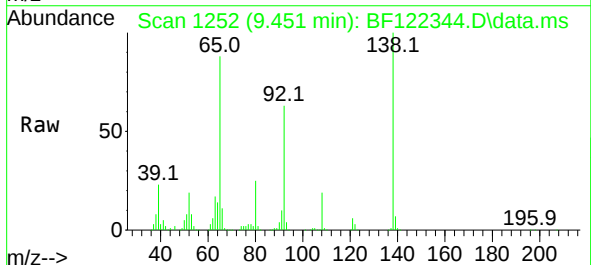
Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM

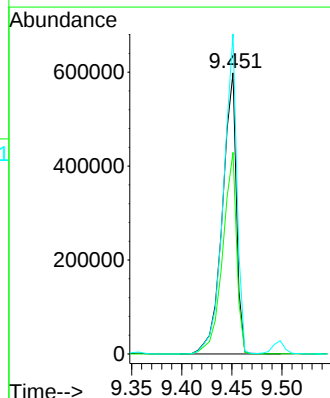
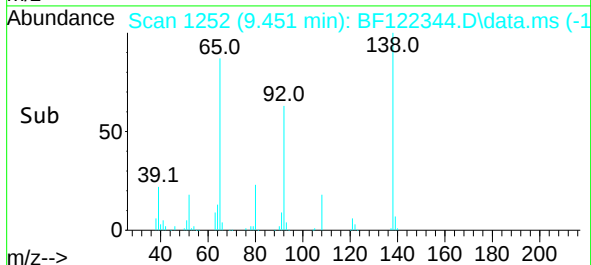


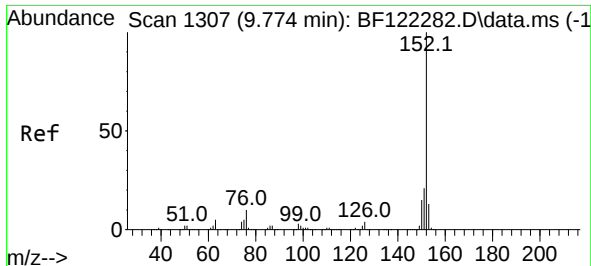
#48
2-Nitroaniline
Concen: 40.24 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 65 Resp: 582840

Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.1	82.7
138	113.9	80.5	120.7





#49
Acenaphthylene
Concen: 36.21 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

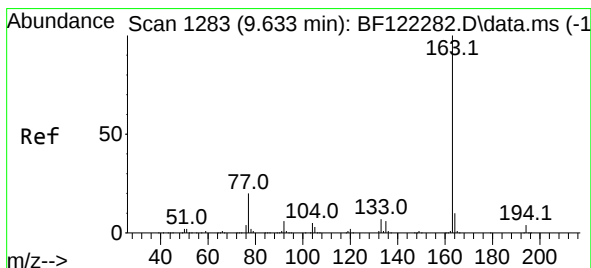
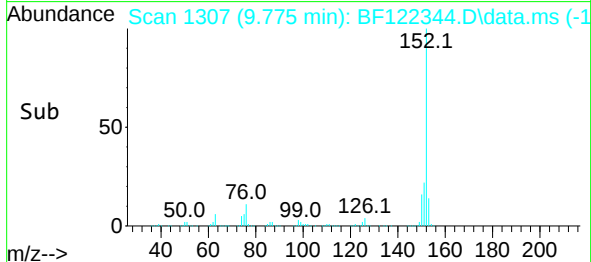
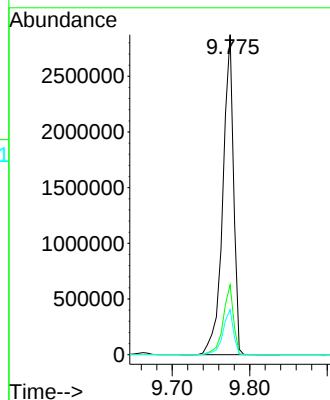
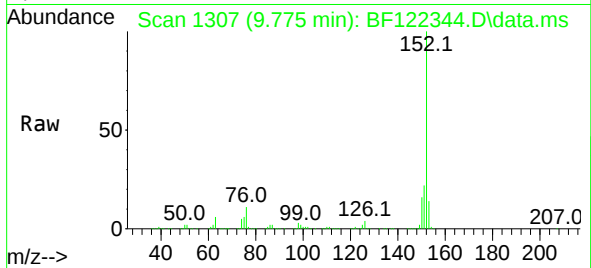
Tgt Ion:152 Resp: 2770260

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.4	24.6
153	14.1	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

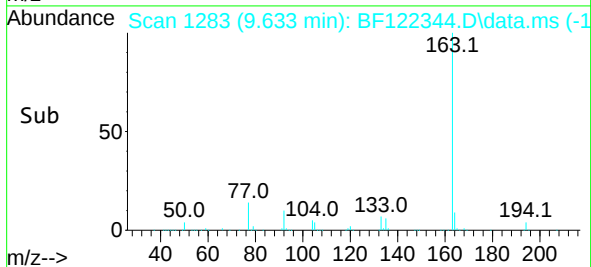
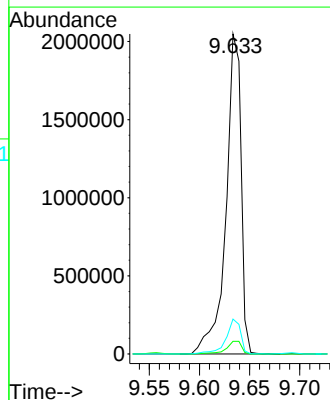
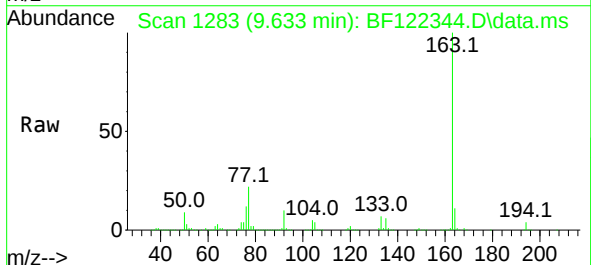
mohammad
11/19/2020 10:28:43 AM

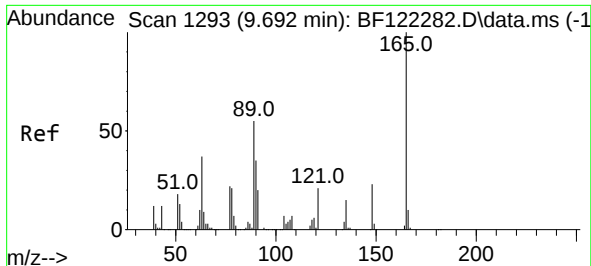


#50
Dimethylphthalate
Concen: 38.13 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:163 Resp: 2135354

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.9	8.2	12.4





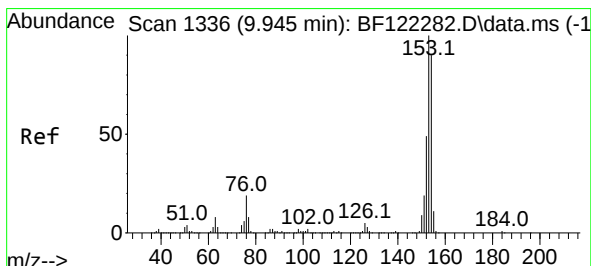
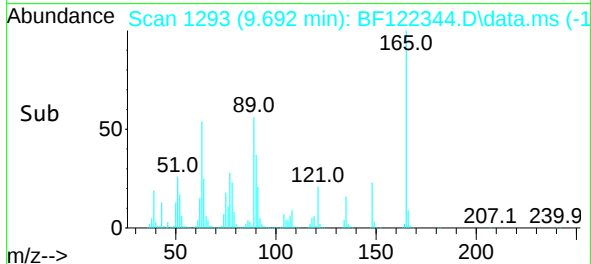
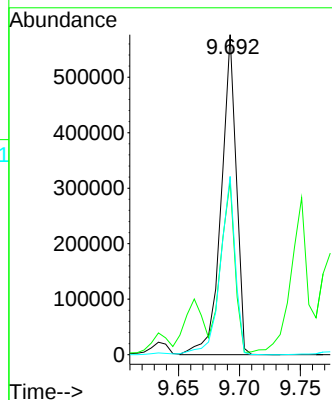
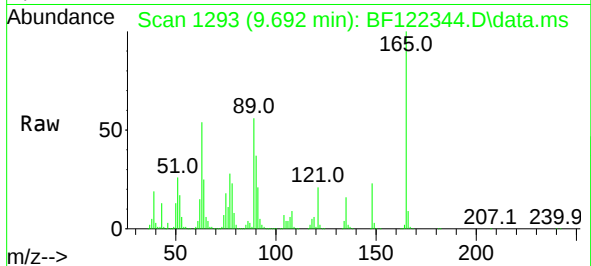
#51
2,6-Dinitrotoluene
Concen: 40.54 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:165 Resp: 497255
Ion Ratio Lower Upper
165 100
63 54.3 51.8 77.6
89 55.7 49.0 73.6

Instrument :
BNA_F
ClientSampled :
PB133049BS

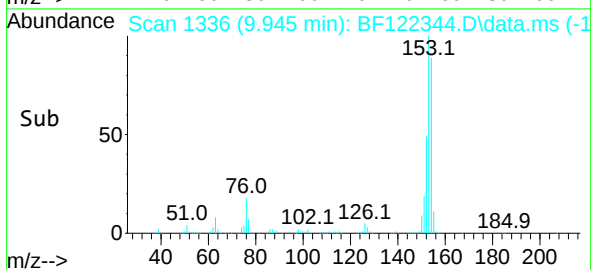
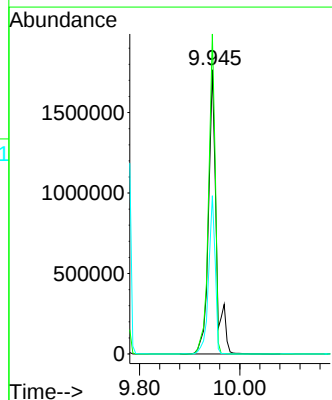
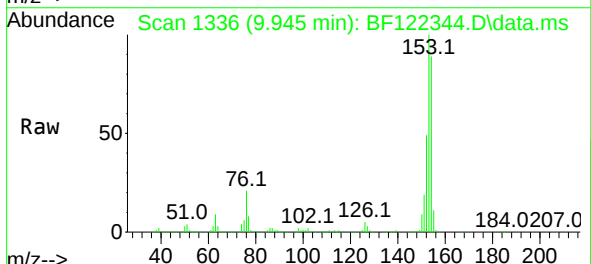
Manual Integrations
APPROVED

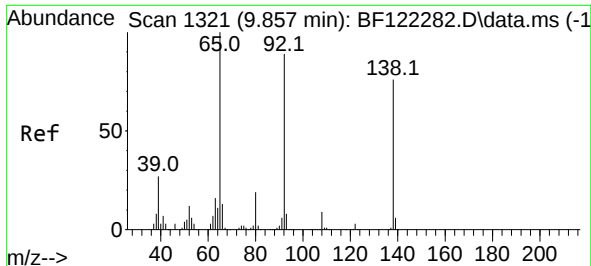
mohammad
11/19/2020 10:28:43 AM



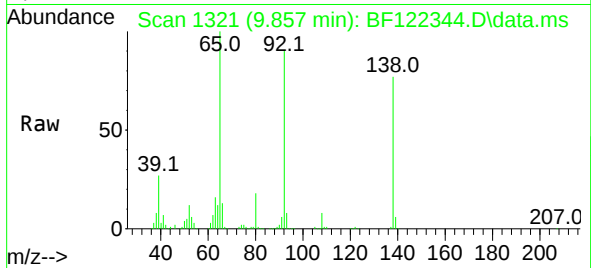
#52
Acenaphthene
Concen: 40.34 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:154 Resp: 1910322
Ion Ratio Lower Upper
154 100
153 112.6 89.8 134.8
152 55.7 43.2 64.8

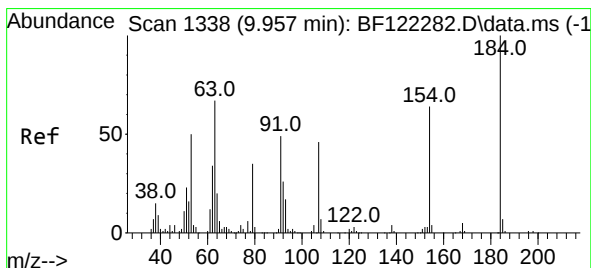
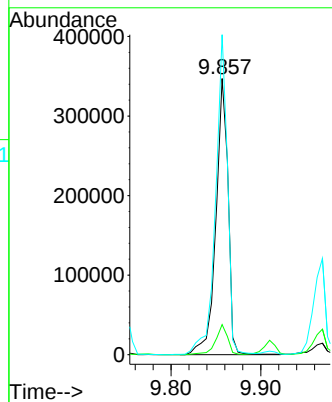
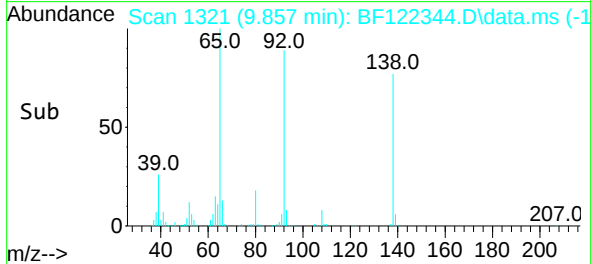




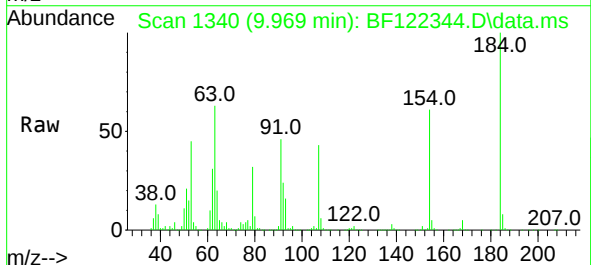
#53
3-Nitroaniline
Concen: 24.90 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



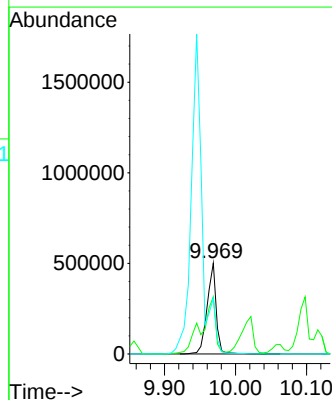
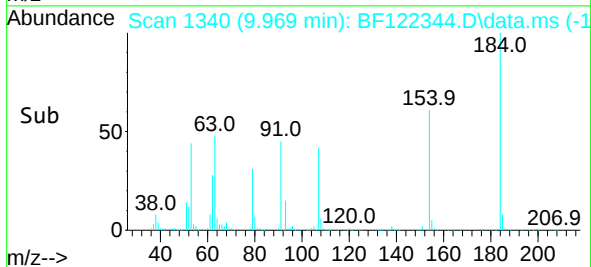
Tgt Ion:138 Resp: 327154
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 115.9 96.6 144.8



#54
2,4-Dinitrophenol
Concen: 83.33 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



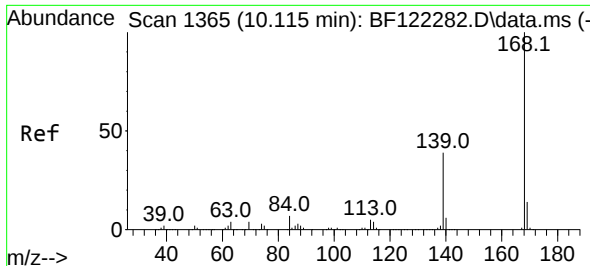
Tgt Ion:184 Resp: 447605
Ion Ratio Lower Upper
184 100
63 62.7 45.9 68.9
154 61.3 45.8 68.6



Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



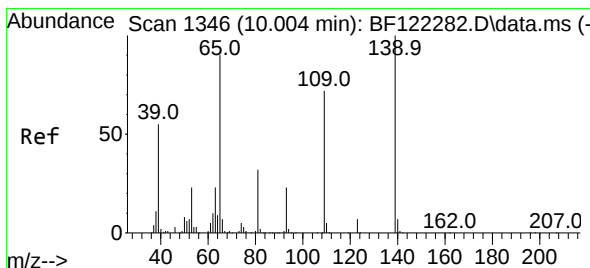
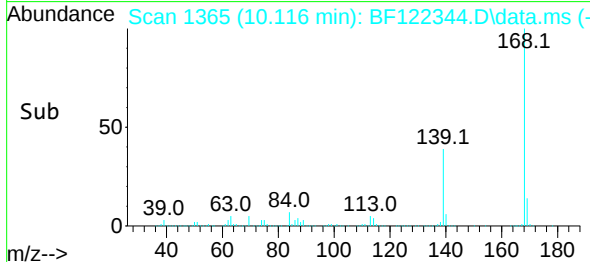
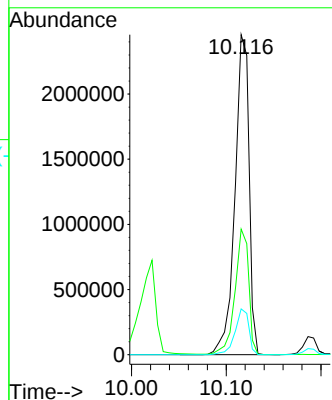
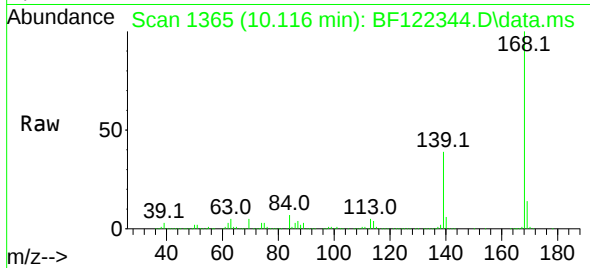
#55
Dibenzenofuran
Concen: 36.51 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.001 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:168 Resp: 2533150
Ion Ratio Lower Upper
168 100
139 39.3 31.0 46.6
169 14.3 11.3 16.9

Instrument :
BNA_F
ClientSampled :
PB133049BS

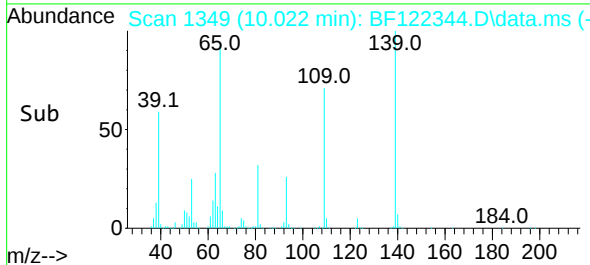
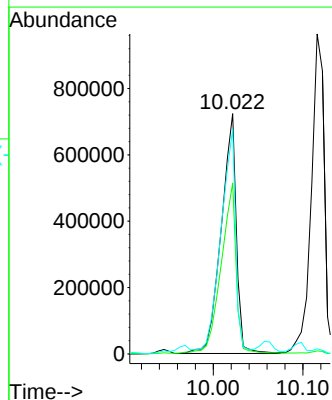
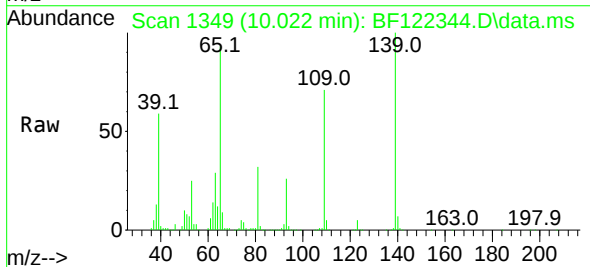
Manual Integrations
APPROVED

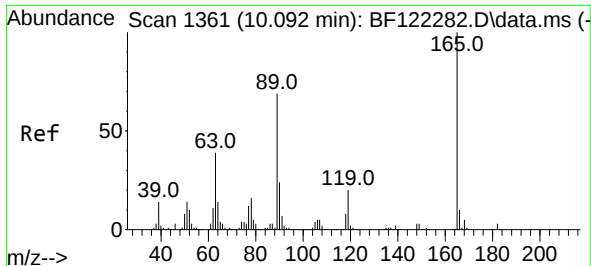
mohammad
11/19/2020 10:28:43 AM



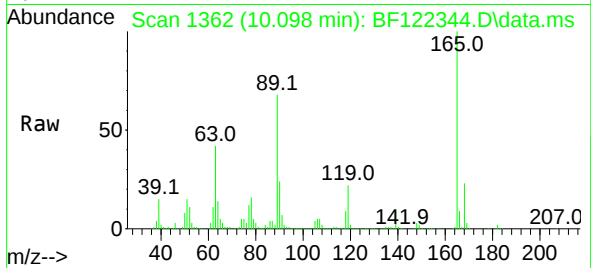
#56
4-Nitrophenol
Concen: 70.22 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.018 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:139 Resp: 849078
Ion Ratio Lower Upper
139 100
109 71.2 45.4 85.4
65 93.5 68.4 108.4

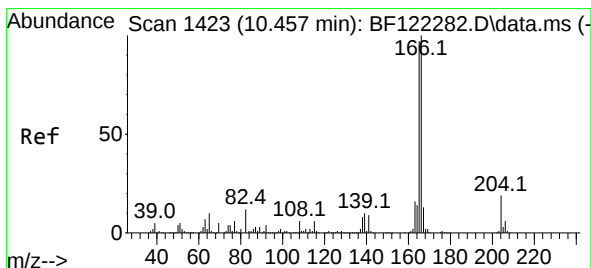
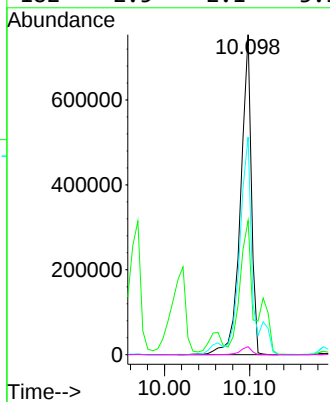
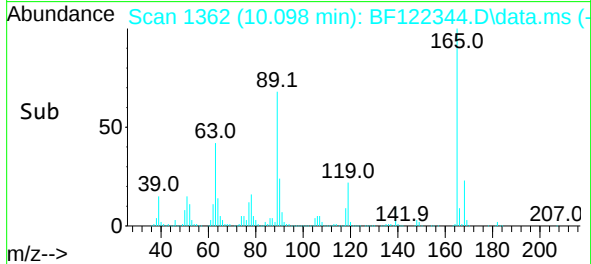




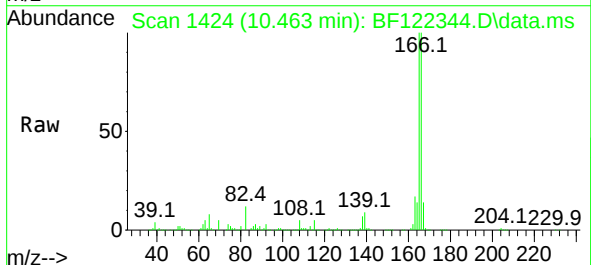
#57
2,4-Dinitrotoluene
Concen: 42.78 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



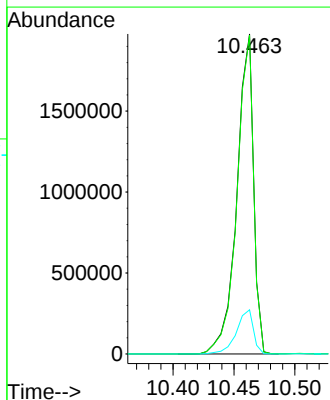
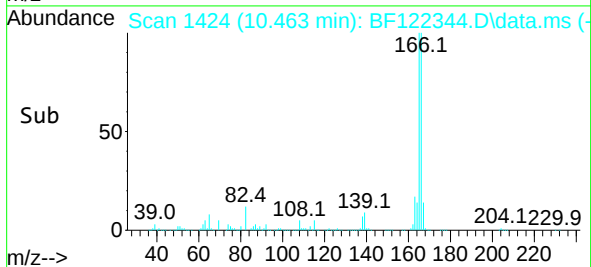
Tgt Ion:165 Resp: 662961
Ion Ratio Lower Upper
165 100
63 41.9 41.3 61.9
89 68.0 61.8 92.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 35.51 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



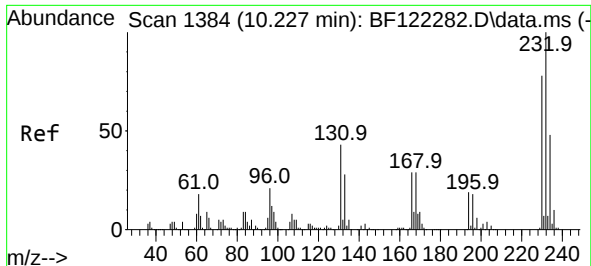
Tgt Ion:166 Resp: 1886617
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.8 11.0 16.6



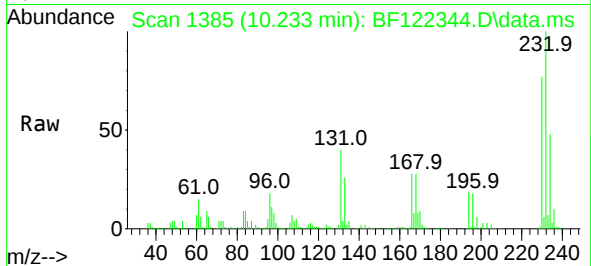
Instrument :
BNA_F
ClientSampled :
PB133049BS

Manual Integrations
APPROVED

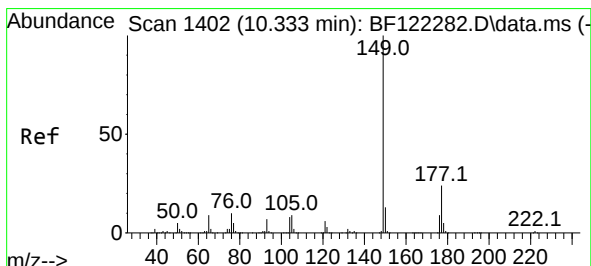
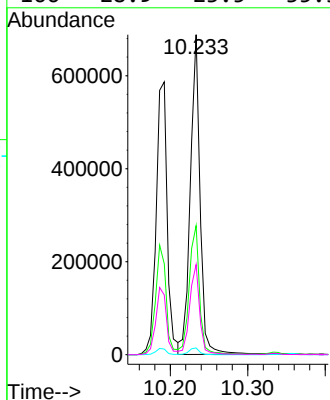
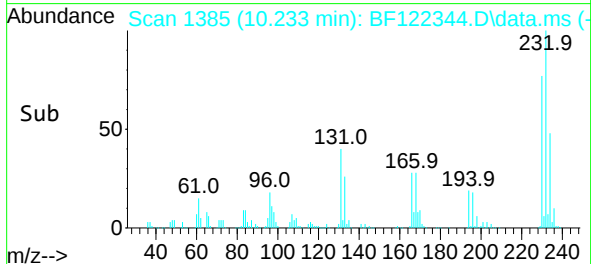
mohammad
11/19/2020 10:28:43 AM



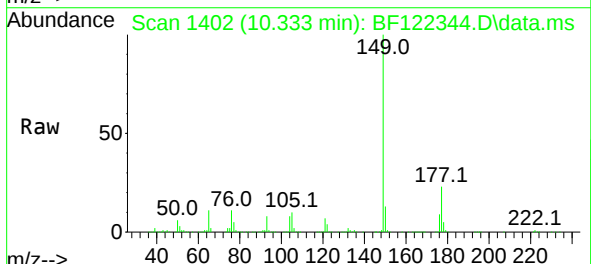
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.56 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



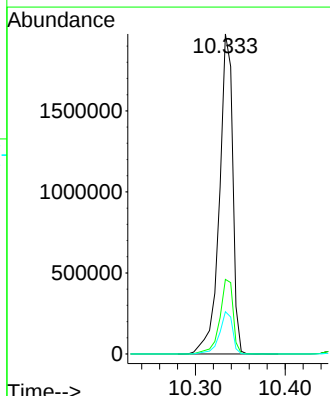
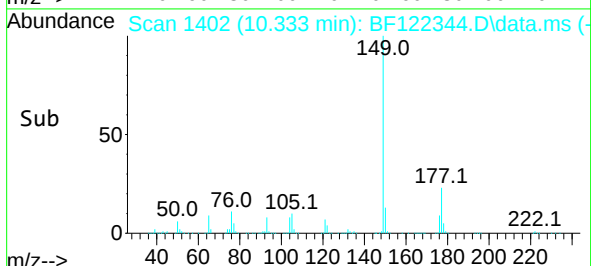
Tgt Ion:232 Resp: 598773
Ion Ratio Lower Upper
232 100
131 42.5 35.9 53.9
130 2.2 1.8 2.6
166 28.9 23.5 35.3



#60
Diethylphthalate
Concen: 37.04 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



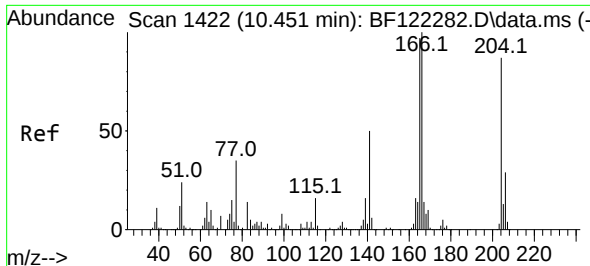
Tgt Ion:149 Resp: 2034875
Ion Ratio Lower Upper
149 100
177 23.3 18.1 27.1
150 13.2 10.3 15.5



Instrument :
BNA_F
ClientSampleId :
PB133049BS

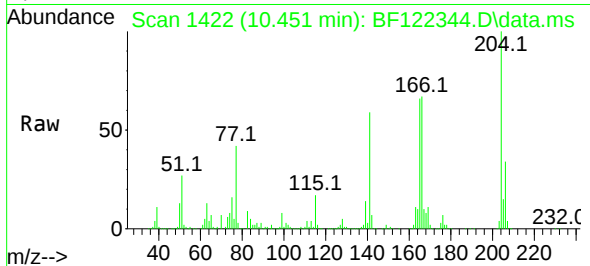
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#61
4-Chlorophenyl-phenylether
Concen: 37.46 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

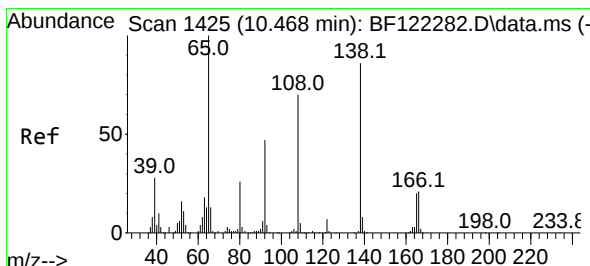
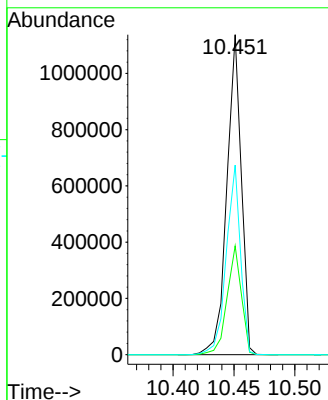
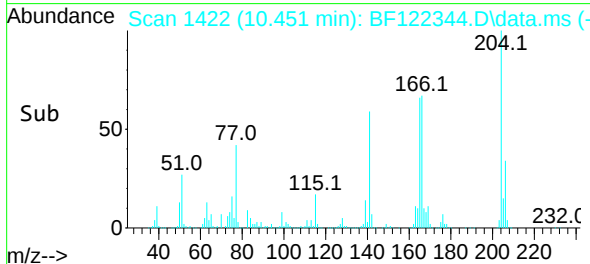
Instrument :
BNA_F
ClientSampled :
PB133049BS



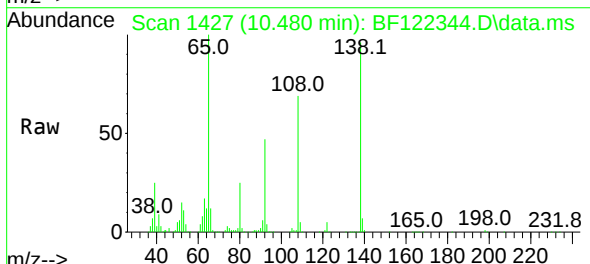
Tgt Ion:204 Resp: 939546
Ion Ratio Lower Upper
204 100
206 34.0 26.0 39.0
141 59.3 46.2 69.4

Manual Integrations
APPROVED

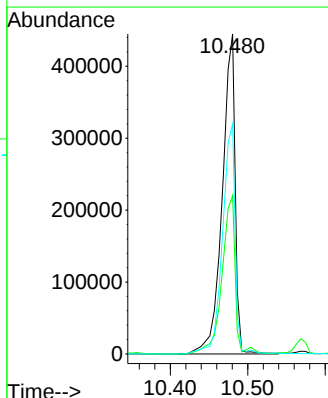
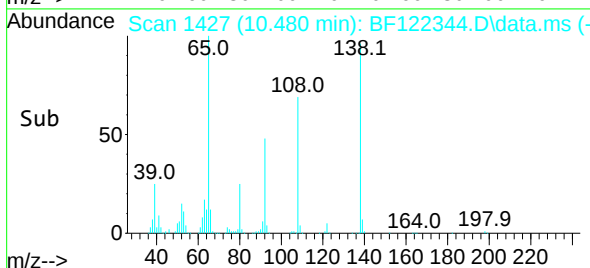
mohammad
11/19/2020 10:28:43 AM

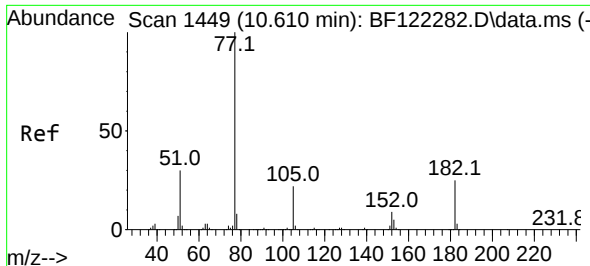


#62
4-Nitroaniline
Concen: 37.82 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.012 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



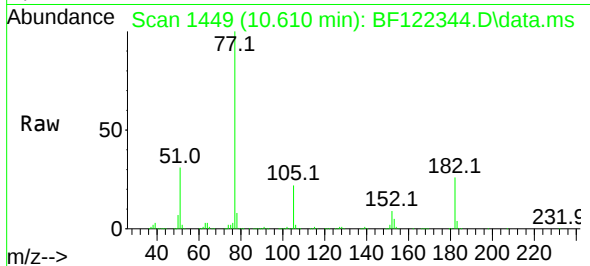
Tgt Ion:138 Resp: 514458
Ion Ratio Lower Upper
138 100
92 49.5 31.0 71.0
108 71.8 51.5 91.5





#63
Azobenzene
Concen: 35.53 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

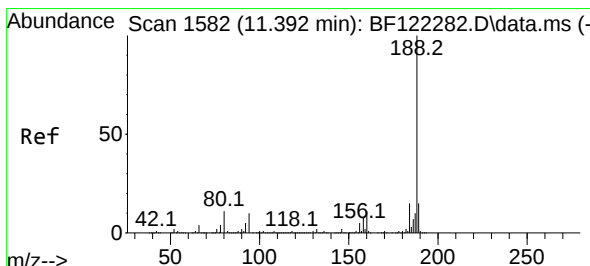
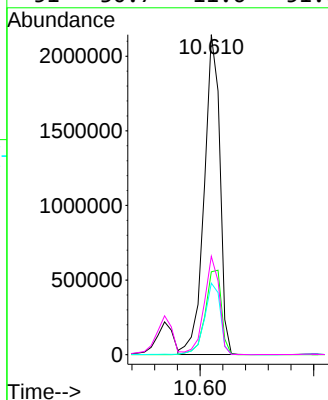
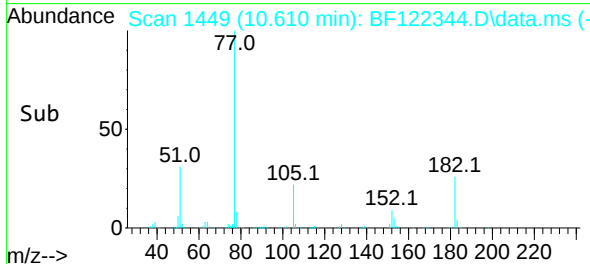
Instrument :
BNA_F
ClientSampleId :
PB133049BS



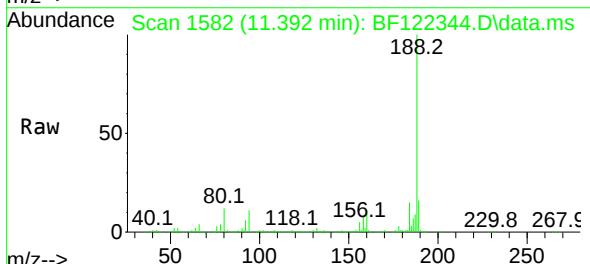
Tgt Ion: 77 Resp: 2047632
Ion Ratio Lower Upper
77 100
182 25.9 3.4 43.4
105 22.4 1.7 41.7
51 30.7 11.6 51.6

Manual Integrations
APPROVED

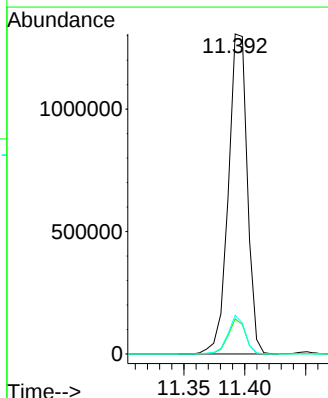
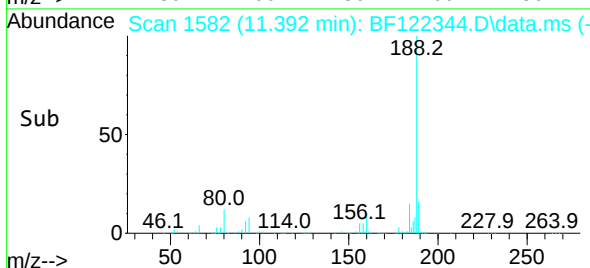
mohammad
11/19/2020 10:28:43 AM

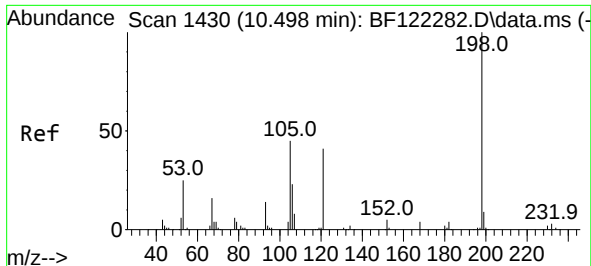


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion: 188 Resp: 1412136
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 12.1 9.1 13.7





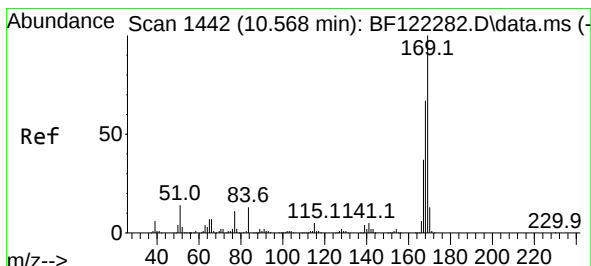
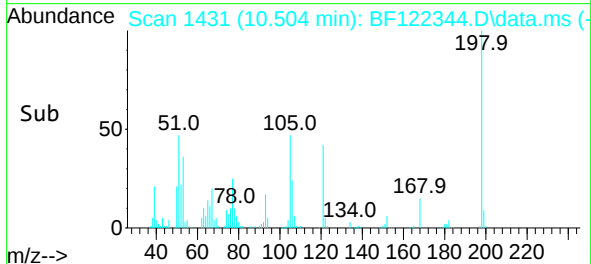
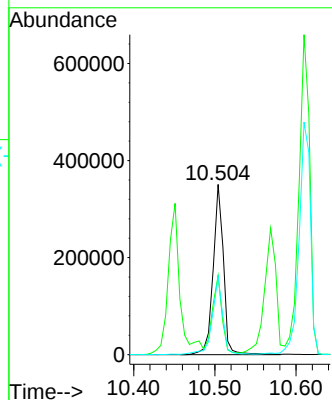
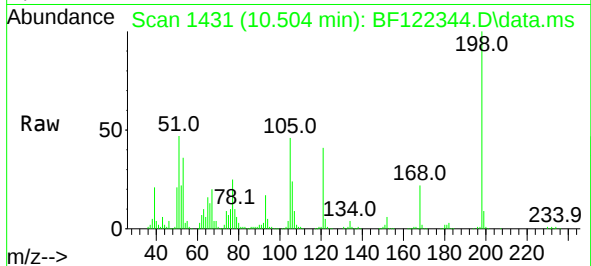
#65
4,6-Dinitro-2-methylphenol
Concen: 50.18 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:198 Resp: 309721
Ion Ratio Lower Upper
198 100
51 46.5 29.6 69.6
105 45.8 24.4 64.4

Instrument :
BNA_F
ClientSampled :
PB133049BS

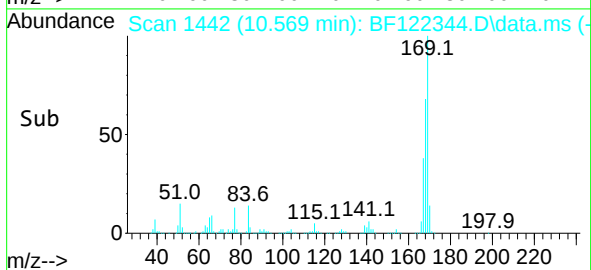
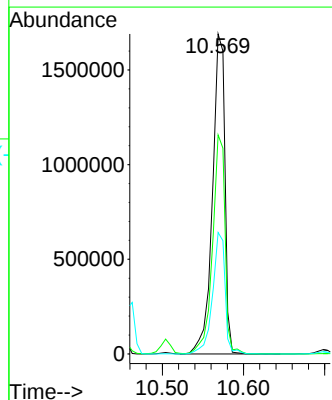
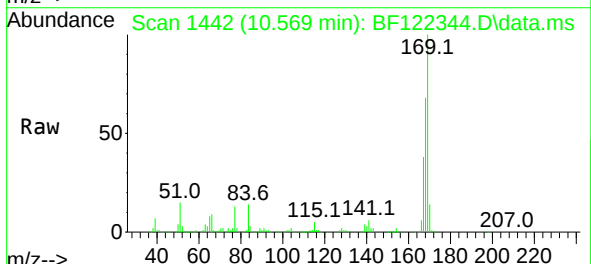
Manual Integrations
APPROVED

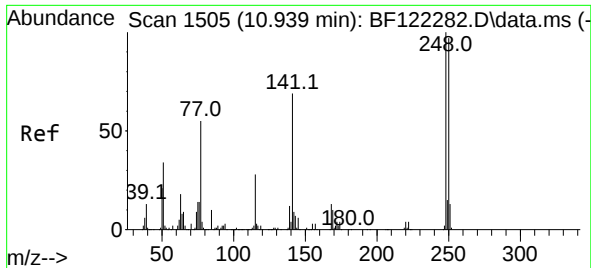
mohammad
11/19/2020 10:28:43 AM



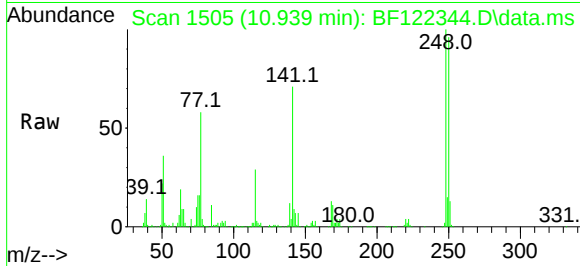
#66
n-Nitrosodiphenylamine
Concen: 37.19 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:169 Resp: 1789297
Ion Ratio Lower Upper
169 100
168 68.5 50.0 75.0
167 38.0 27.8 41.6

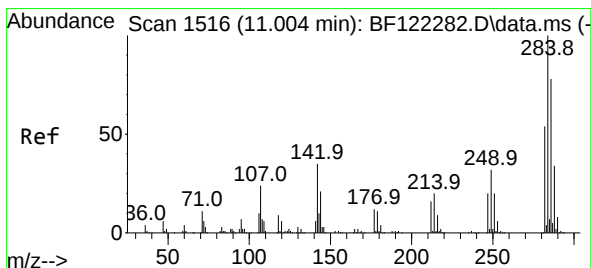
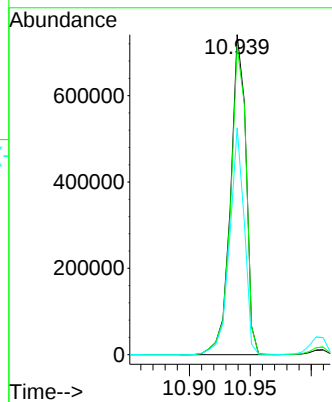
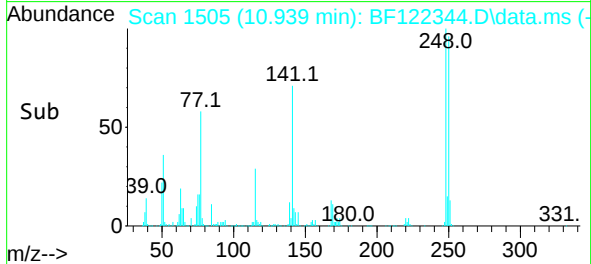




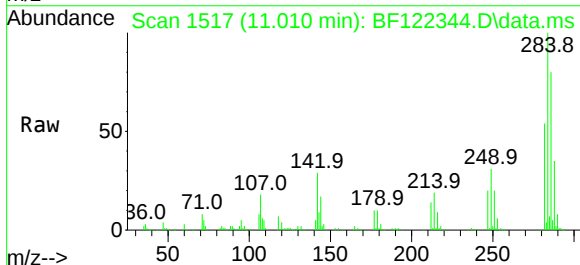
#67
4-Bromophenyl-phenylether
Concen: 39.52 ng
RT: 10.939 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



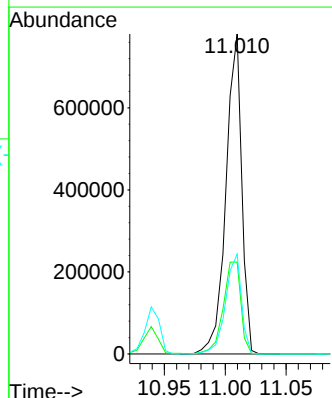
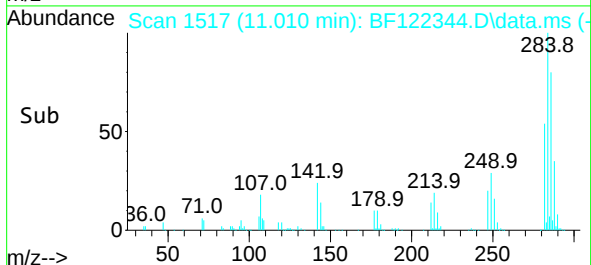
Tgt Ion:248 Resp: 655794
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.6
141 70.9 53.7 80.5



#68
Hexachlorobenzene
Concen: 39.35 ng
RT: 11.010 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:284 Resp: 705466
Ion Ratio Lower Upper
284 100
142 28.7 27.4 41.2
249 31.2 24.2 36.4



Instrument :
BNA_F
ClientSampleId :
PB133049BS

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



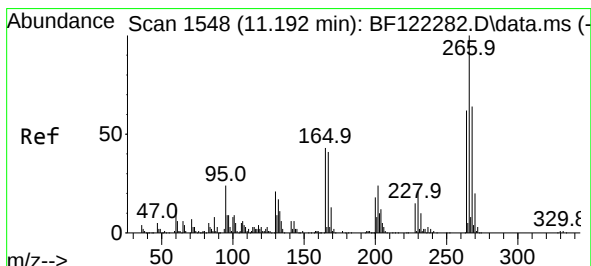
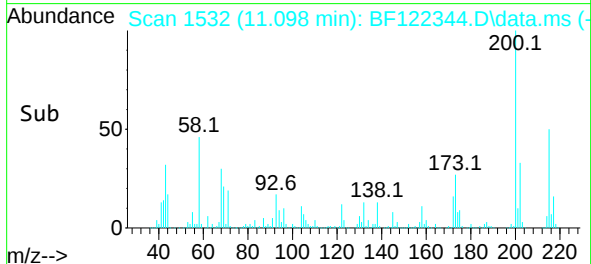
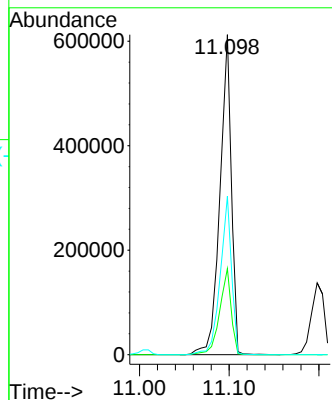
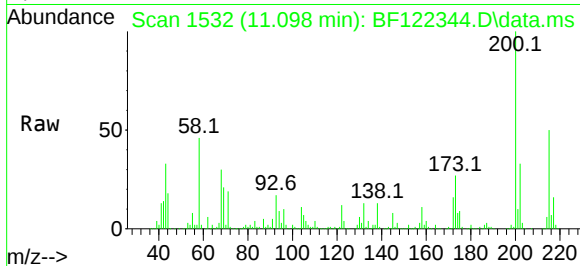
#69
Atrazine
Concen: 45.29 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:200 Resp: 542701
Ion Ratio Lower Upper
200 100
173 26.9 7.5 47.5
215 49.5 27.1 67.1

Instrument :
BNA_F
ClientSampled :
PB133049BS

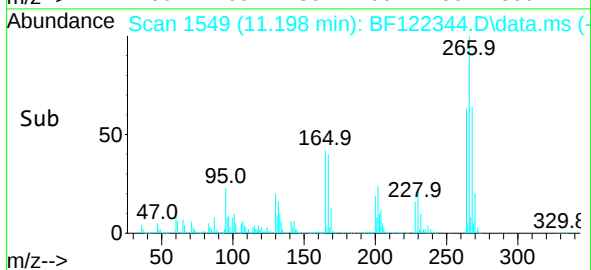
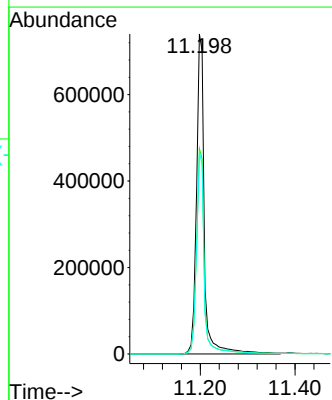
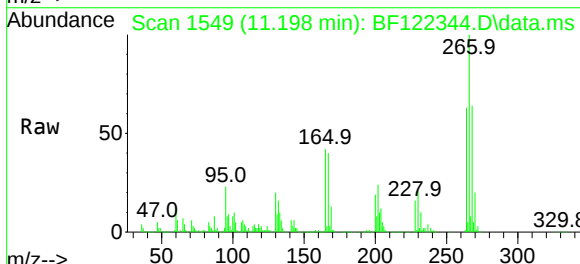
Manual Integrations
APPROVED

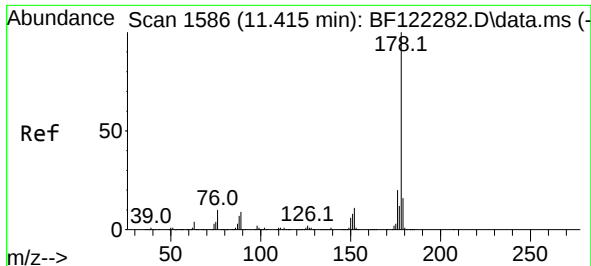
mohammad
11/19/2020 10:28:43 AM



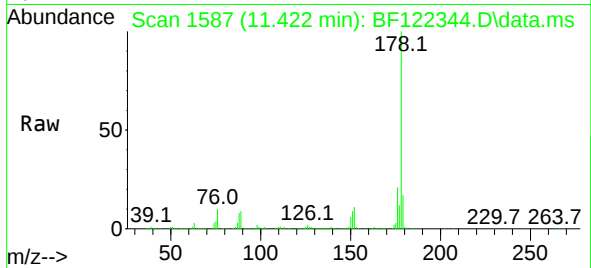
#70
Pentachlorophenol
Concen: 82.07 ng
RT: 11.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:266 Resp: 847698
Ion Ratio Lower Upper
266 100
268 64.2 52.4 78.6
264 63.0 49.9 74.9

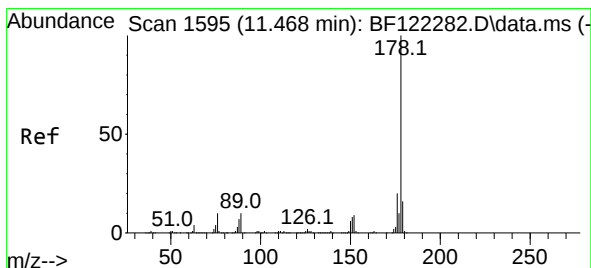
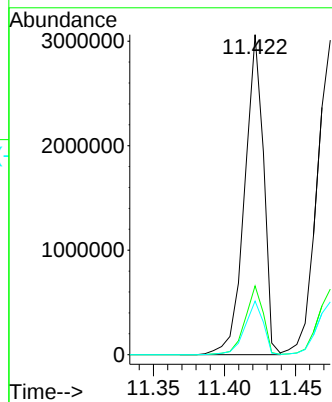
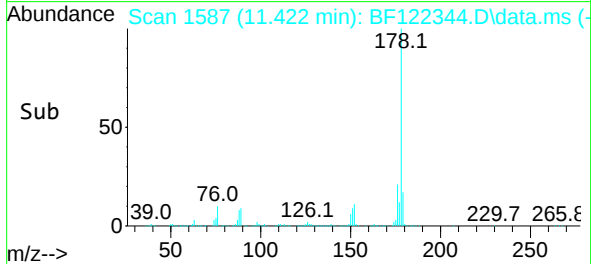




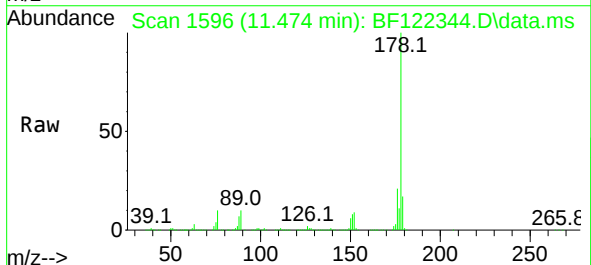
#71
Phenanthrene
Concen: 35.34 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



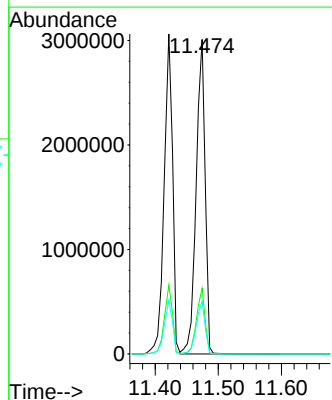
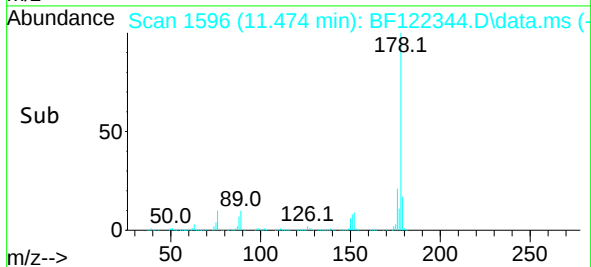
Tgt Ion:178 Resp: 2831244
Ion Ratio Lower Upper
178 100
176 21.5 15.9 23.9
179 16.8 12.2 18.4



#72
Anthracene
Concen: 35.94 ng
RT: 11.474 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



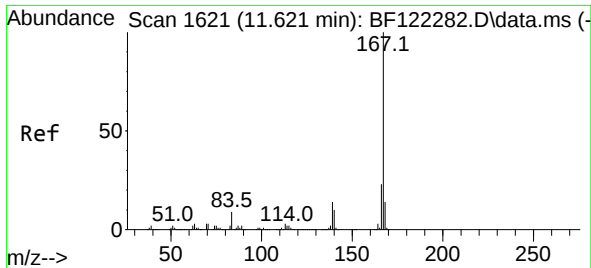
Tgt Ion:178 Resp: 2967879
Ion Ratio Lower Upper
178 100
176 20.9 15.7 23.5
179 16.8 12.7 19.1



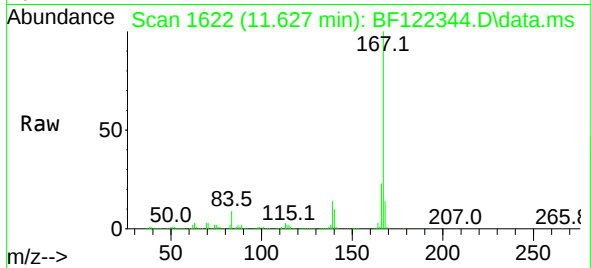
Instrument :
BNA_F
ClientSampled :
PB133049BS

Manual Integrations
APPROVED

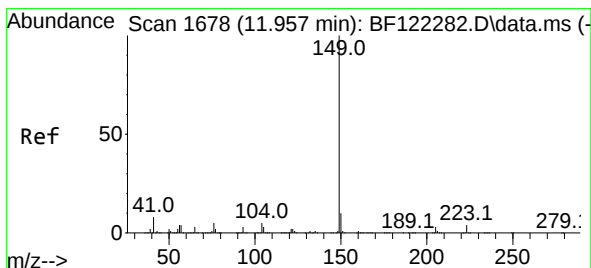
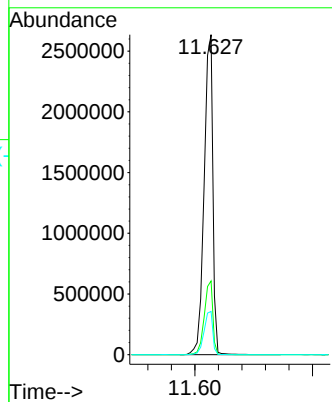
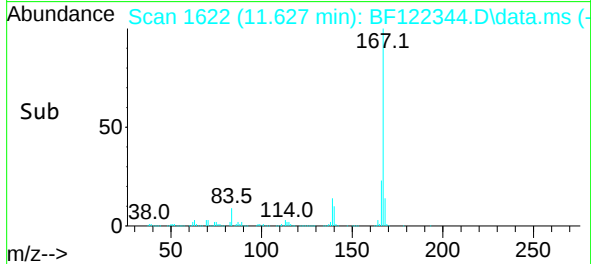
mohammad
11/19/2020 10:28:43 AM



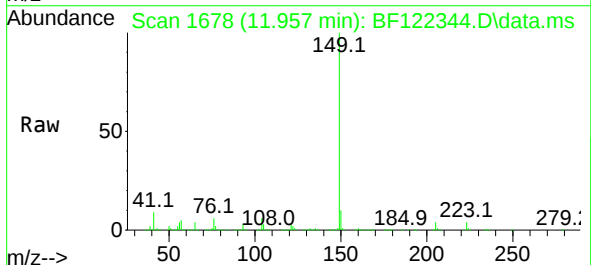
#73
Carbazole
Concen: 35.96 ng
RT: 11.627 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



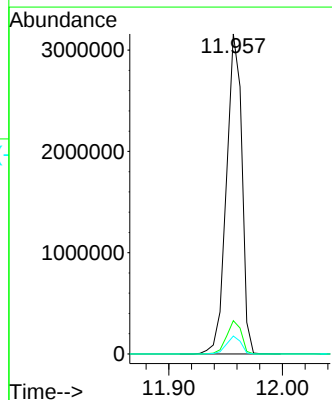
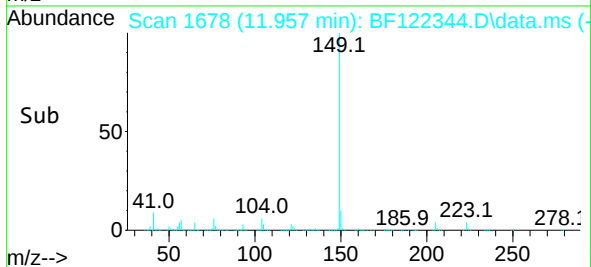
Tgt Ion:167 Resp: 2701158
Ion Ratio Lower Upper
167 100
166 23.1 17.8 26.6
139 13.5 10.8 16.2



#74
Di-n-butylphthalate
Concen: 37.25 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



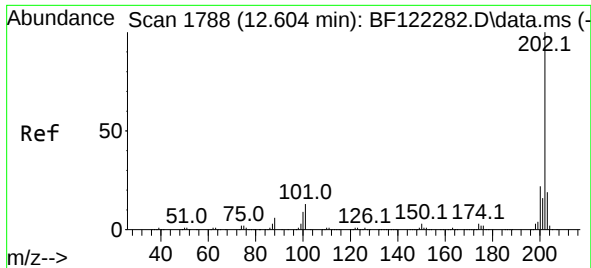
Tgt Ion:149 Resp: 2982870
Ion Ratio Lower Upper
149 100
150 10.4 7.7 11.5
104 5.6 4.2 6.2



Instrument :
BNA_F
ClientSampleId :
PB133049BS

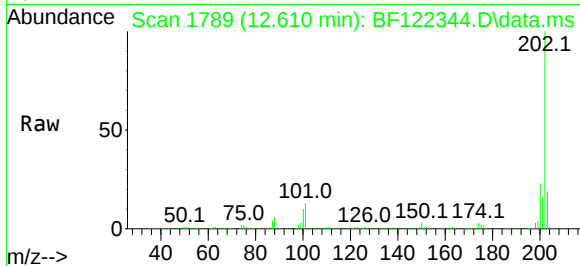
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#75
Fluoranthene
Concen: 36.37 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

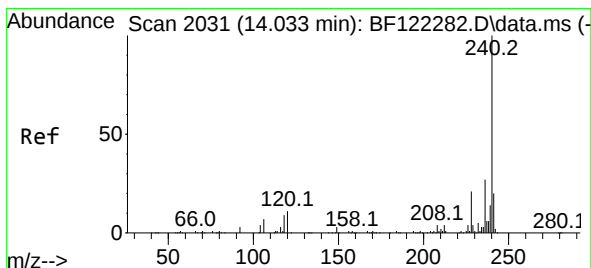
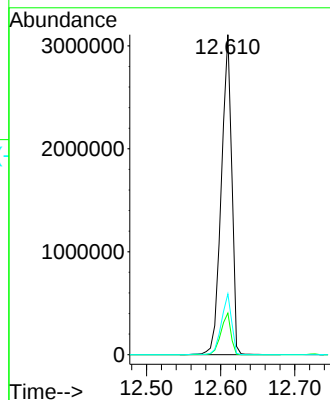
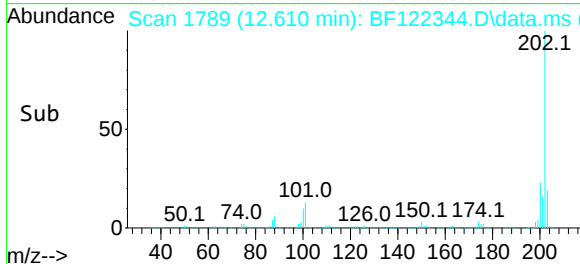
Instrument :
BNA_F
ClientSampleId :
PB133049BS



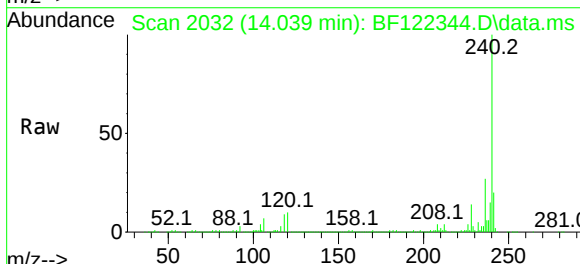
Tgt Ion:202 Resp: 3042374
Ion Ratio Lower Upper
202 100
101 13.0 0.0 33.4
203 19.0 0.0 37.9

Manual Integrations
APPROVED

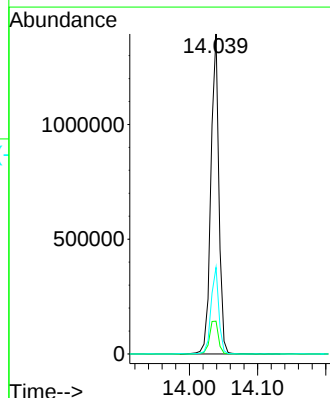
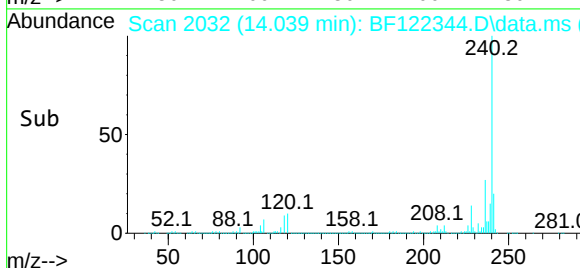
mohammad
11/19/2020 10:28:43 AM

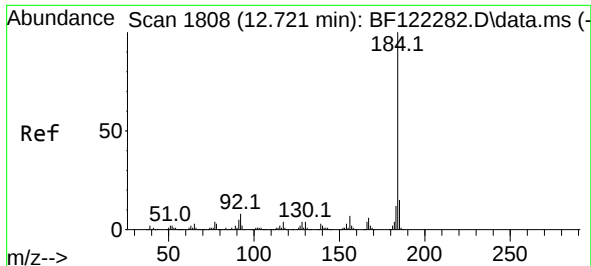


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:240 Resp: 1138250
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 27.1 20.9 31.3





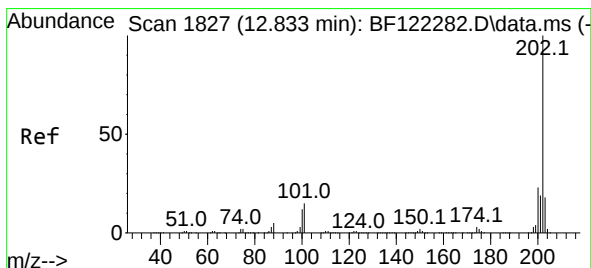
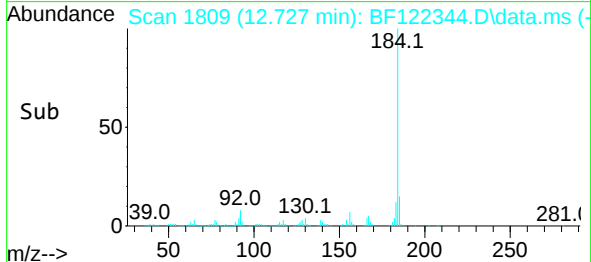
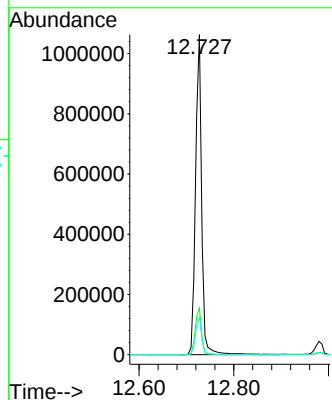
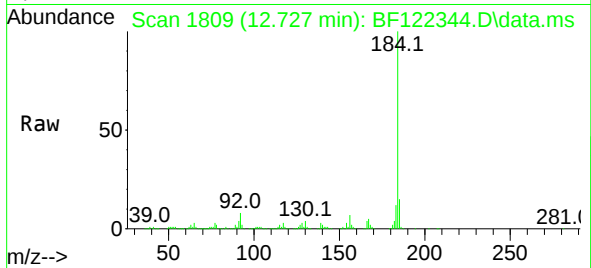
#77
Benzidine
Concen: 30.03 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:184 Resp: 948029
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.8 9.4 14.0

Instrument :
BNA_F
ClientSampleId :
PB133049BS

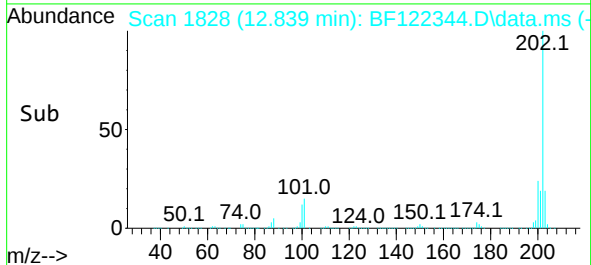
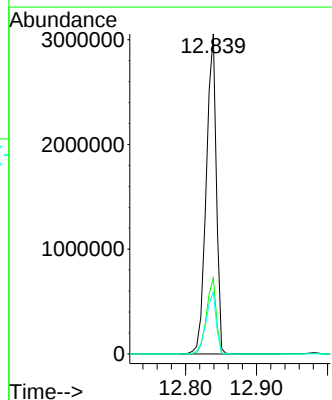
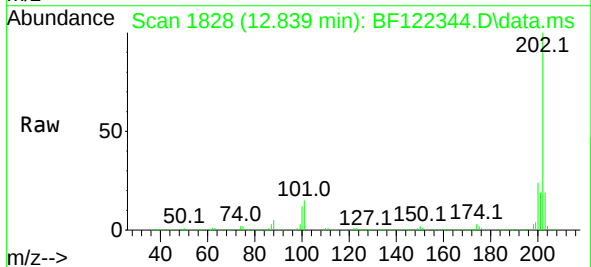
Manual Integrations
APPROVED

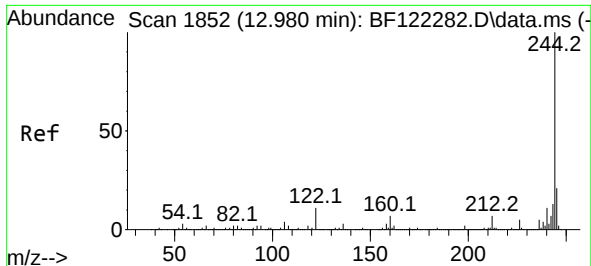
mohammad
11/19/2020 10:28:43 AM



#78
Pyrene
Concen: 37.76 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

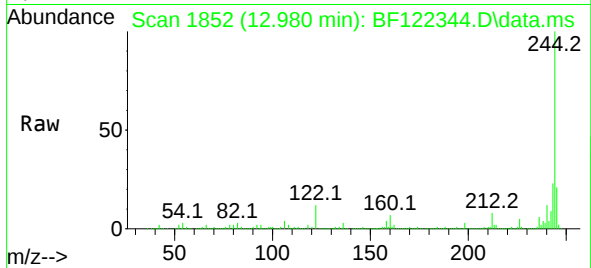
Tgt Ion:202 Resp: 3019148
Ion Ratio Lower Upper
202 100
200 23.7 17.4 26.2
203 19.3 14.6 21.8





#79
 Terphenyl-d14
 Concen: 61.49 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF122344.D
 Acq: 17 Nov 2020 14:07

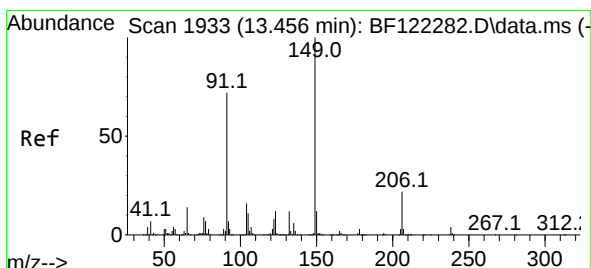
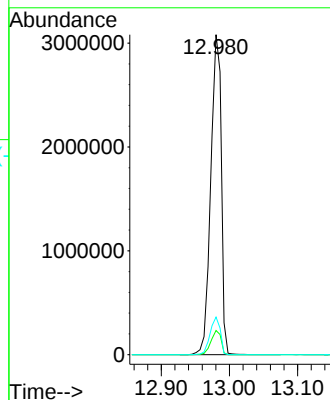
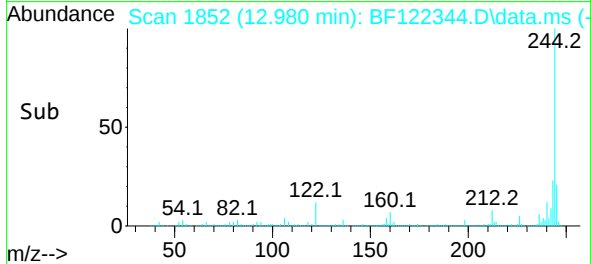
Instrument :
 BNA_F
 ClientSampleId :
 PB133049BS



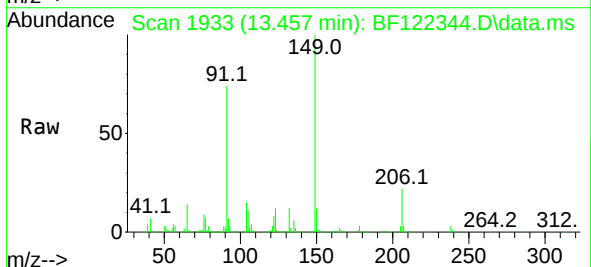
Tgt Ion:244 Resp: 3303992
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.8 8.1 12.1

Manual Integrations
 APPROVED

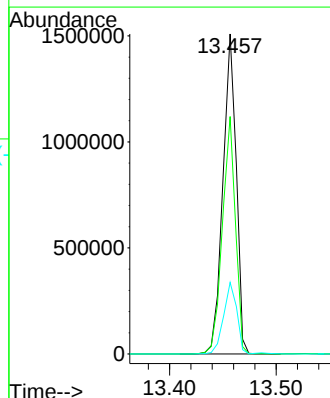
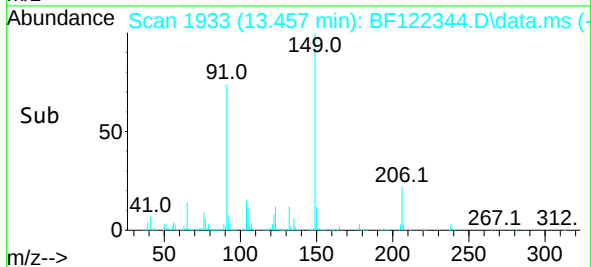
mohammad
 11/19/2020 10:28:43 AM

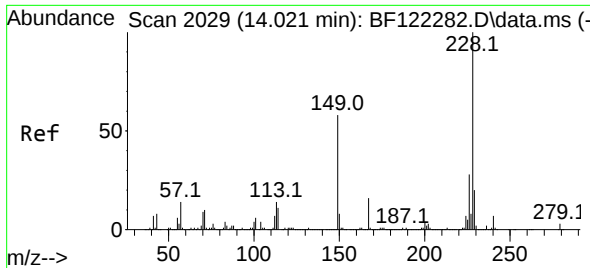


#80
 Butylbenzylphthalate
 Concen: 41.22 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.001 min
 Lab File: BF122344.D
 Acq: 17 Nov 2020 14:07



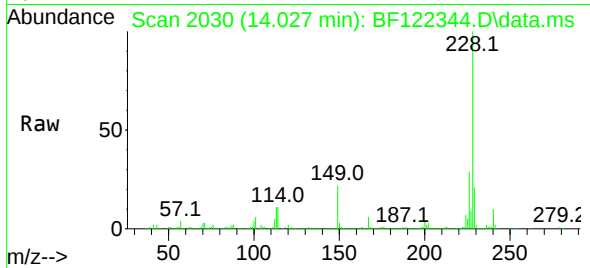
Tgt Ion:149 Resp: 1305845
 Ion Ratio Lower Upper
 149 100
 91 74.2 61.0 91.4
 206 22.4 16.7 25.1





#81
Benzo(a)anthracene
Concen: 36.81 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

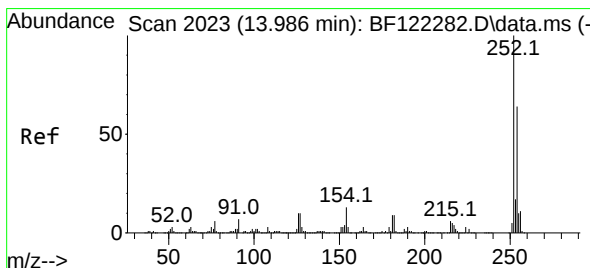
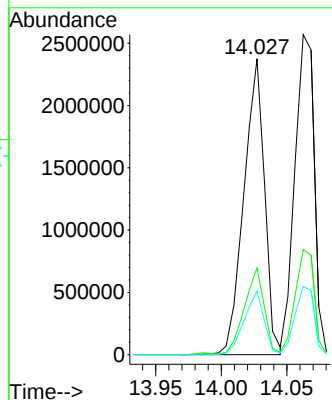
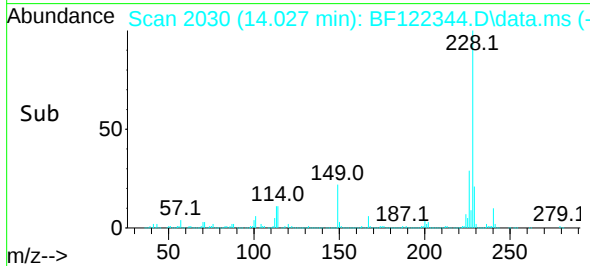
Instrument :
BNA_F
ClientSampled :
PB133049BS



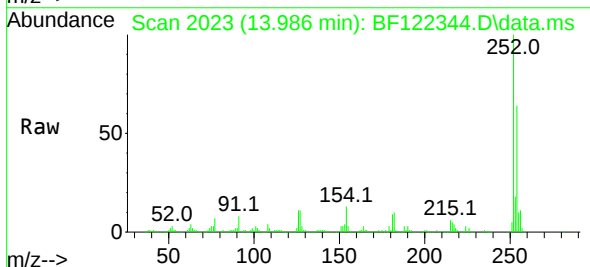
Tgt Ion:228 Resp: 2606106
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 21.5 16.2 24.4

Manual Integrations
APPROVED

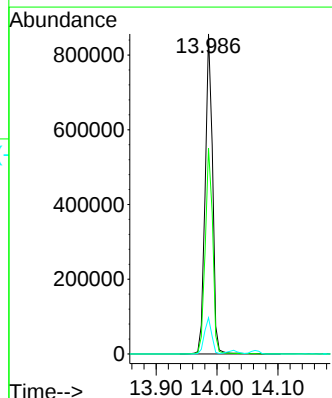
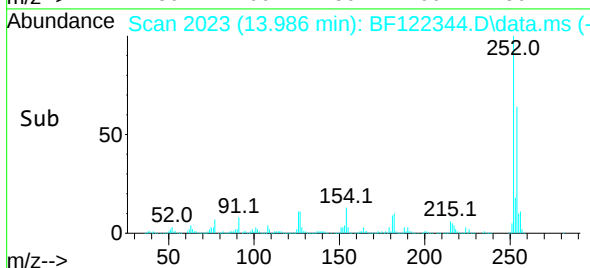
mohammad
11/19/2020 10:28:43 AM

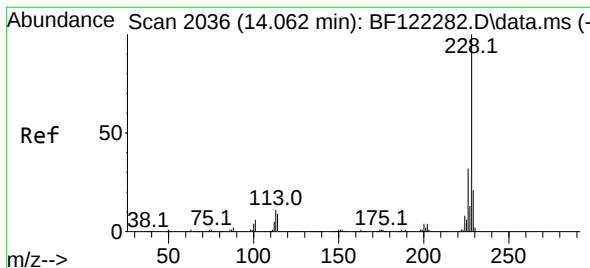


#82
3,3'-Dichlorobenzidine
Concen: 27.23 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:252 Resp: 718216
Ion Ratio Lower Upper
252 100
254 64.3 51.8 77.6
126 11.3 8.8 13.2





#83

Chrysene

Concen: 37.26 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF122344.D

Acq: 17 Nov 2020 14:07

Tgt Ion:228 Resp: 2656622

Ion Ratio Lower Upper

228 100

226 32.8 24.6 37.0

229 21.3 15.9 23.9

Instrument :

BNA_F

ClientSampleId :

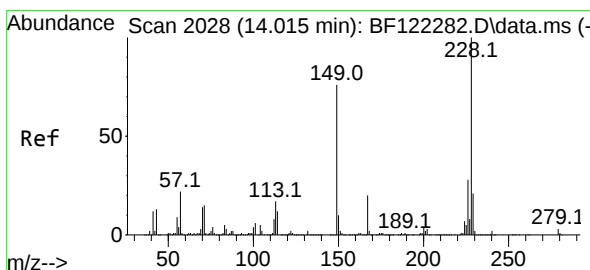
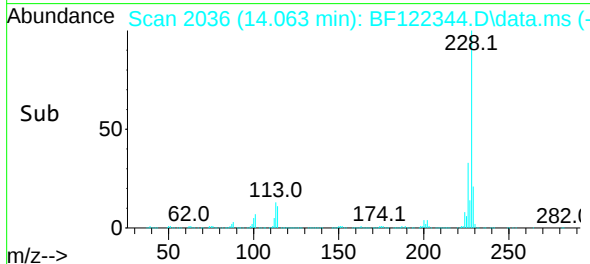
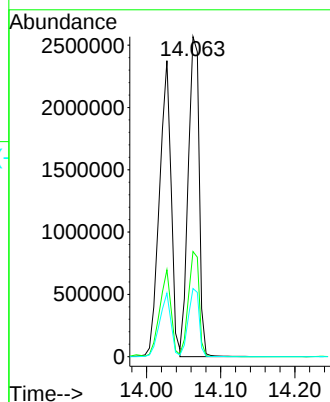
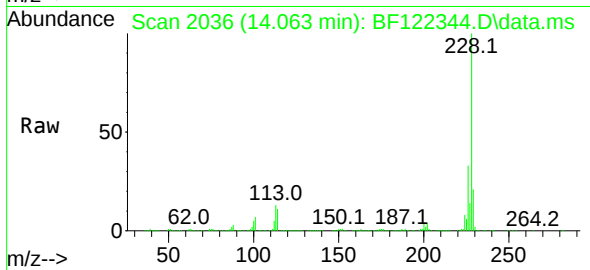
PB133049BS

Manual Integrations

APPROVED

mohammad

11/19/2020 10:28:43 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.98 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF122344.D

Acq: 17 Nov 2020 14:07

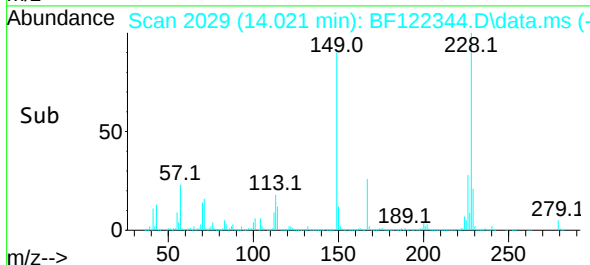
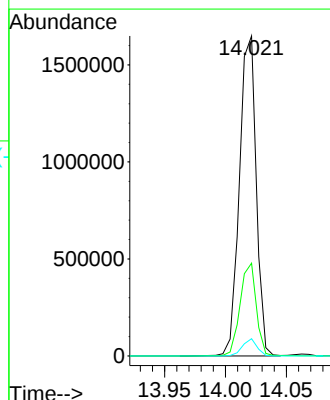
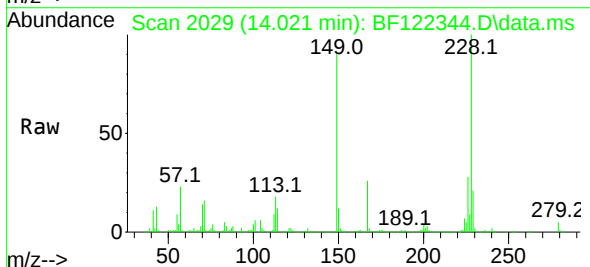
Tgt Ion:149 Resp: 1579899

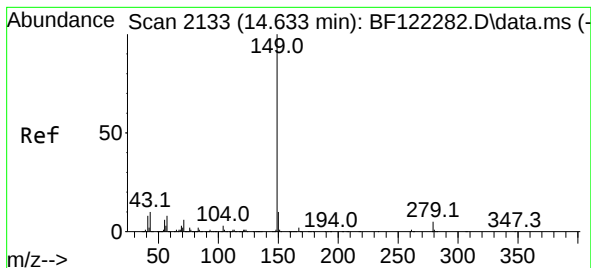
Ion Ratio Lower Upper

149 100

167 29.0 20.9 31.3

279 5.4 3.2 4.8#





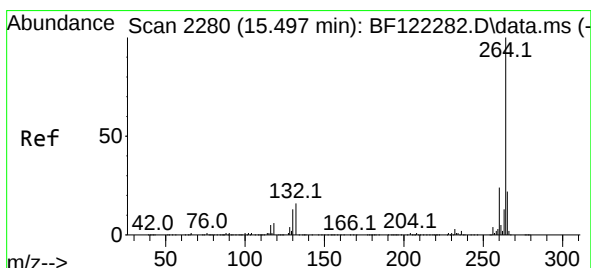
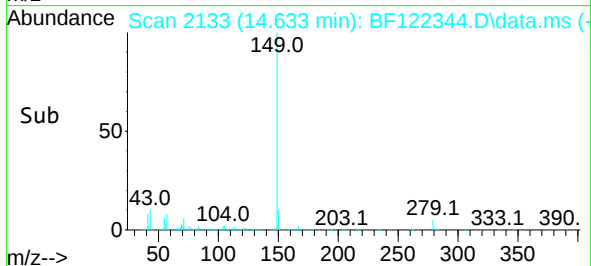
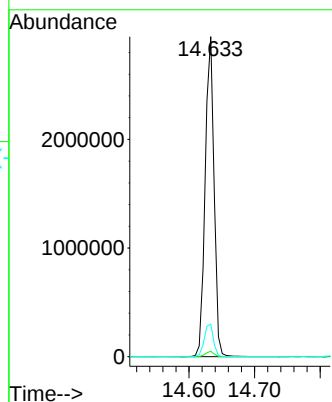
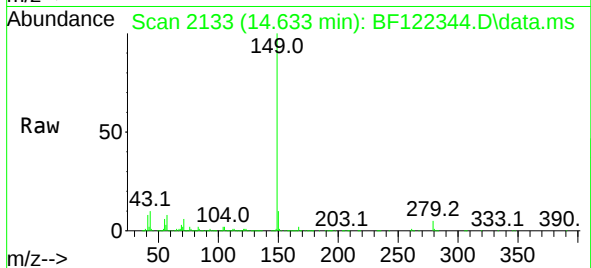
#85
Di-n-octyl phthalate
Concen: 42.57 ng
RT: 14.633 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

Tgt Ion:149 Resp: 2781739
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 9.0 13.6

Instrument :
BNA_F
ClientSampleId :
PB133049BS

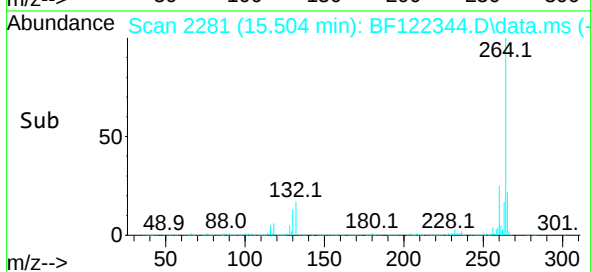
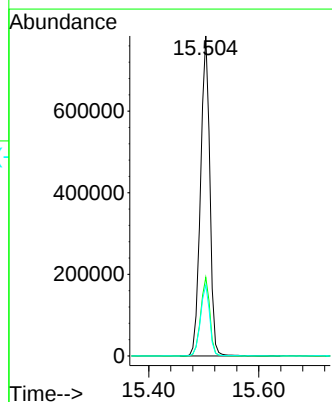
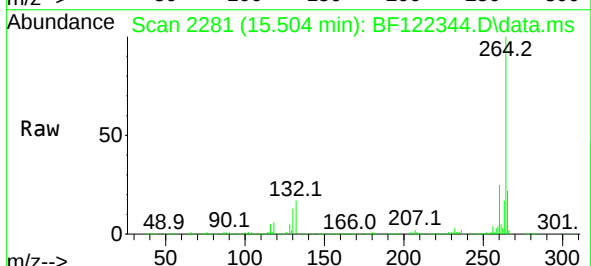
Manual Integrations
APPROVED

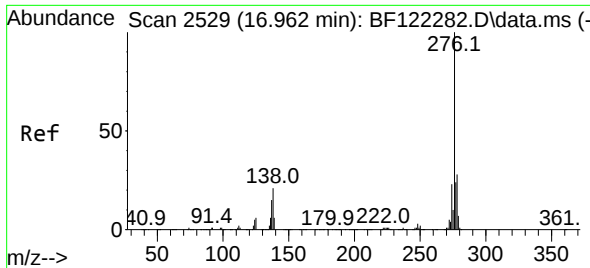
mohammad
11/19/2020 10:28:43 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

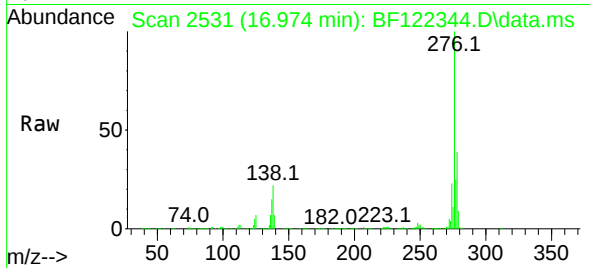
Tgt Ion:264 Resp: 921243
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.2 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.95 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.012 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

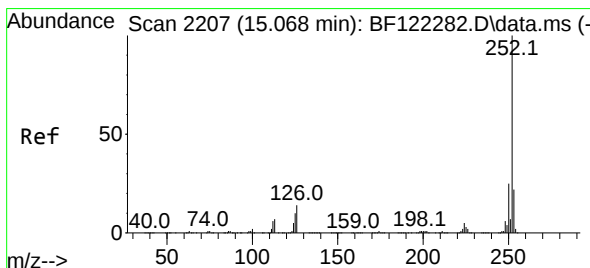
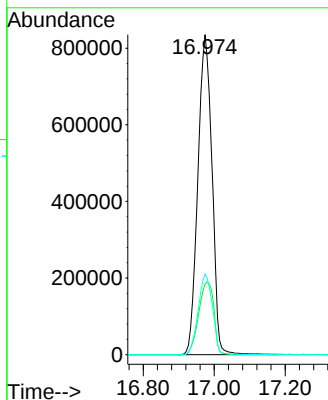
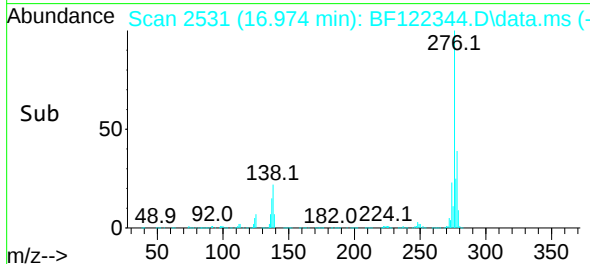
Instrument :
BNA_F
ClientSampleId :
PB133049BS



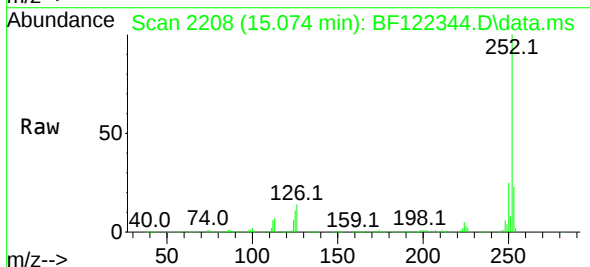
Tgt Ion:276 Resp: 2318822
Ion Ratio Lower Upper
276 100
138 24.3 19.9 29.9
277 25.4 20.4 30.6

Manual Integrations
APPROVED

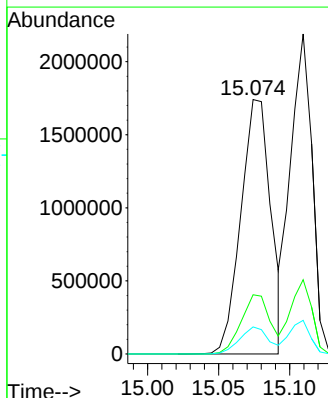
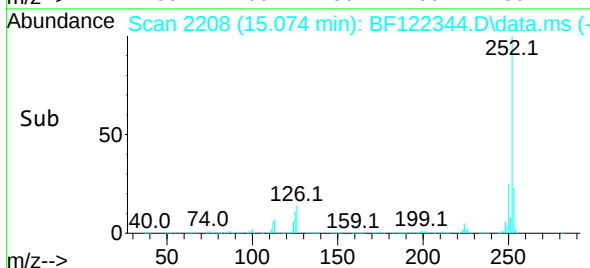
mohammad
11/19/2020 10:28:43 AM

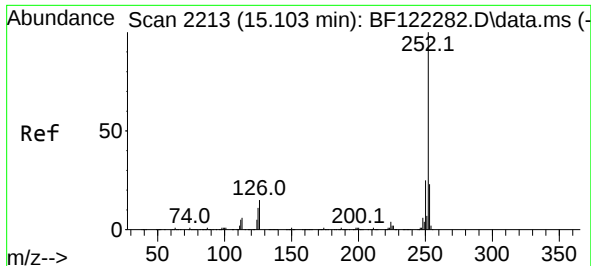


#88
Benzo(b)fluoranthene
Concen: 42.85 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

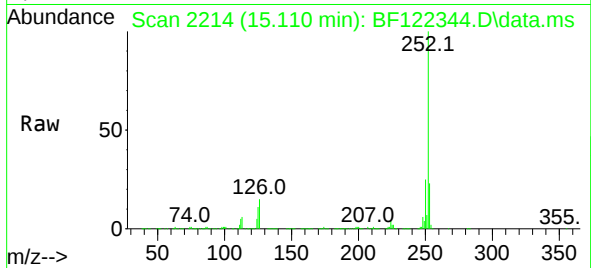


Tgt Ion:252 Resp: 2556494
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.6 8.0 12.0

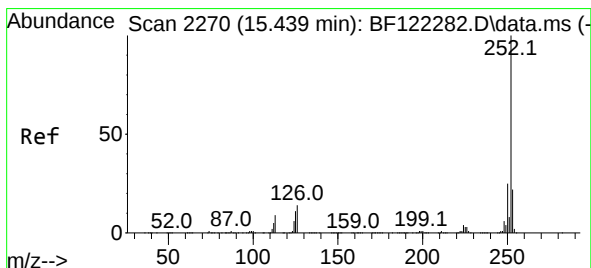
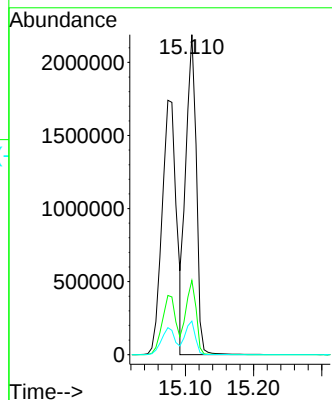
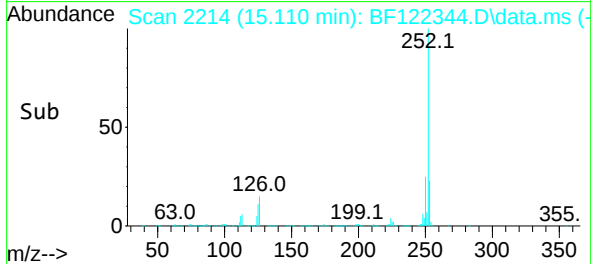




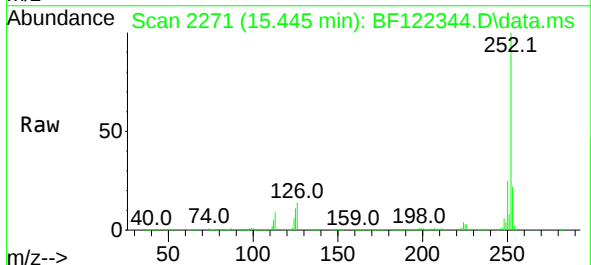
#89
Benzo(k)fluoranthene
Concen: 40.09 ng
RT: 15.110 min Scan# 2214
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



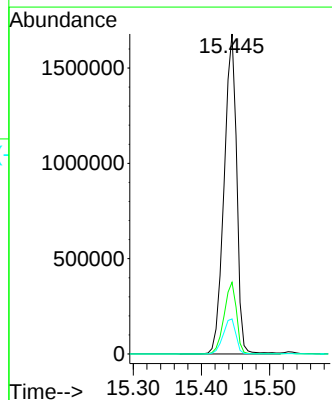
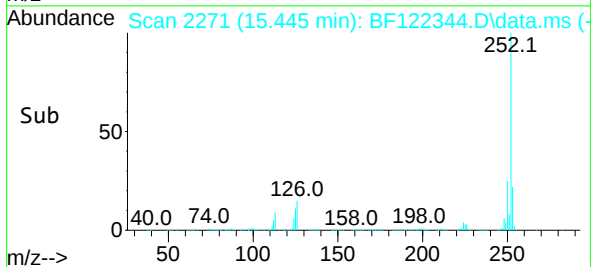
Tgt Ion:252 Resp: 2332102
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 10.5 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.40 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



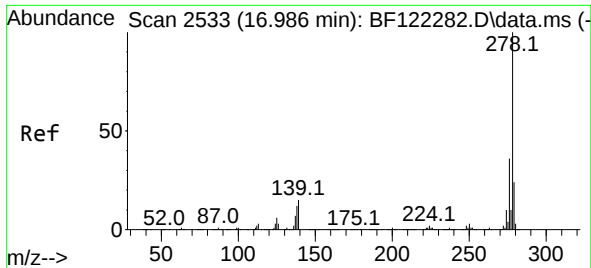
Tgt Ion:252 Resp: 2153498
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 11.0 8.6 13.0



Instrument :
BNA_F
ClientSampleId :
PB133049BS

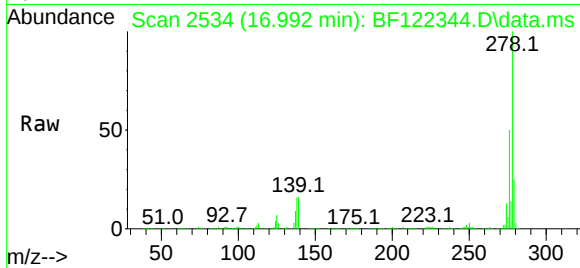
Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#91
Dibenzo(a,h)anthracene
Concen: 41.45 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.006 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07

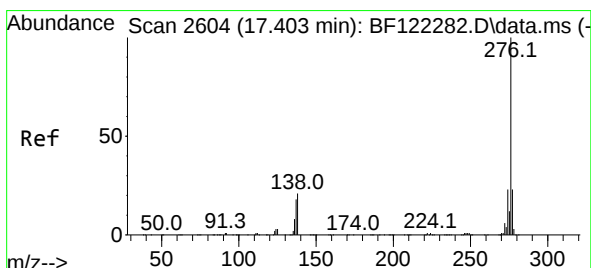
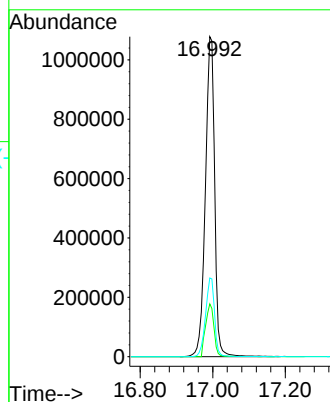
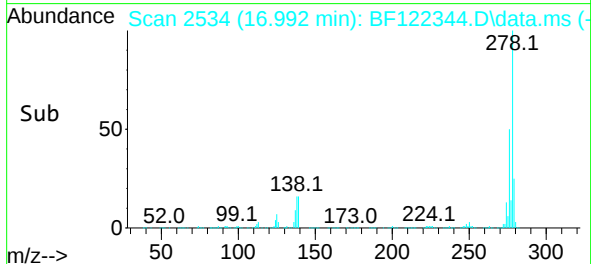
Instrument :
BNA_F
ClientSampleId :
PB133049BS



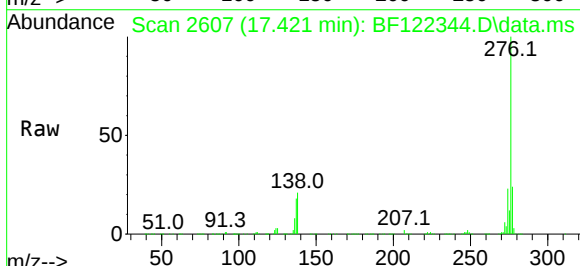
Tgt Ion:278 Resp: 1919035
Ion Ratio Lower Upper
278 100
139 16.5 13.0 19.4
279 24.6 19.0 28.4

Manual Integrations
APPROVED

mohammad
11/19/2020 10:28:43 AM



#92
Benzo(g,h,i)perylene
Concen: 41.15 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.018 min
Lab File: BF122344.D
Acq: 17 Nov 2020 14:07



Tgt Ion:276 Resp: 1853007
Ion Ratio Lower Upper
276 100
277 24.2 19.4 29.2
138 20.9 17.8 26.6

