

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122581.D
 Acq On : 7 Dec 2020 20:01
 Operator : JU/CG
 Sample : L4952-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-275MSD

Manual Integrations
 APPROVED

mohammad
 12/8/2020 2:06:14 PM

Quant Time: Dec 08 00:24:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	174933	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	687585	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	369107	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	660481	20.00	ng	0.00
76) Chrysene-d12	14.004	240	444626	20.00	ng	0.00
86) Perylene-d12	15.462	264	393348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1096648	99.25	ng	0.00
7) Phenol-d6	6.475	99	1382877	94.37	ng	0.00
23) Nitrobenzene-d5	7.404	82	869293	63.34	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	421354	87.21	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1595869	58.48	ng	0.00
79) Terphenyl-d14	12.951	244	1563223	61.54	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	211705	40.76	ng	99
3) Pyridine	3.387	79	595930	43.41	ng	99
4) n-Nitrosodimethylamine	3.340	42	269444	48.95	ng	97
6) Aniline	6.504	93	518180	30.04	ng	99
8) 2-Chlorophenol	6.628	128	603490	49.55	ng	97
9) Benzaldehyde	6.386	77	287904	32.46	ng	96
10) Phenol	6.492	94	759758	50.03	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	562561	48.49	ng	97
12) 1,3-Dichlorobenzene	6.781	146	646370	44.85	ng	98
13) 1,4-Dichlorobenzene	6.857	146	661678	45.54	ng	97
14) 1,2-Dichlorobenzene	7.010	146	633914	45.19	ng	99
15) Benzyl Alcohol	6.986	79	504436	49.99	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	744612	45.01	ng	99
17) 2-Methylphenol	7.098	107	488808	50.49	ng	100
18) Hexachloroethane	7.357	117	235006	45.38	ng	95
19) n-Nitroso-di-n-propyla...	7.257	70	394190	46.96	ng	97
20) 3+4-Methylphenols	7.251	107	560619	45.84	ng	94
22) Acetophenone	7.251	105	741813	43.39	ng	# 94
24) Nitrobenzene	7.422	77	621049	45.49	ng	97
25) Isophorone	7.663	82	1105510	46.77	ng	99
26) 2-Nitrophenol	7.739	139	316457	47.53	ng	98
27) 2,4-Dimethylphenol	7.781	122	512081	52.47	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	698614	43.16	ng	99
29) 2,4-Dichlorophenol	7.986	162	512372	44.96	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	546252	42.30	ng	97
31) Naphthalene	8.145	128	1675766	44.17	ng	99
32) Benzoic acid	7.869	122	82200m	10.57	ng	
33) 4-Chloroaniline	8.192	127	236557	14.91	ng	99
34) Hexachlorobutadiene	8.263	225	326918	41.13	ng	99
35) Caprolactam	8.569	113	144080m	41.97	ng	
36) 4-Chloro-3-methylphenol	8.680	107	526910	46.93	ng	99
37) 2-Methylnaphthalene	8.839	142	1110153	44.23	ng	98
38) 1-Methylnaphthalene	8.939	142	1049907	44.22	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	519518	42.49	ng	99
41) Hexachlorocyclopentadiene	8.992	237	558365	103.30	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	362755	42.96	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122581.D
 Acq On : 7 Dec 2020 20:01
 Operator : JU/CG
 Sample : L4952-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-275MSD

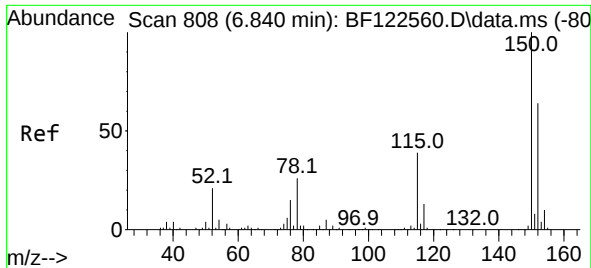
Manual Integrations
 APPROVED

mohammad
 12/8/2020 2:06:14 PM

Quant Time: Dec 08 00:24:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

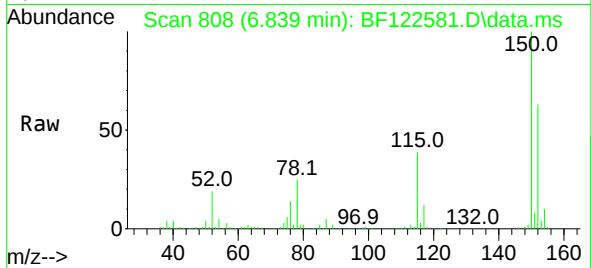
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	388776	44.54	ng	99
46) 1,1'-Biphenyl	9.304	154	1337263	43.65	ng	100
47) 2-Chloronaphthalene	9.327	162	1070144	42.16	ng	99
48) 2-Nitroaniline	9.422	65	319441	43.17	ng	90
49) Acenaphthylene	9.745	152	1649939	44.01	ng	100
50) Dimethylphthalate	9.604	163	1357527	46.05	ng	99
51) 2,6-Dinitrotoluene	9.663	165	293308	47.11	ng	90
52) Acenaphthene	9.916	154	1053433m	43.43	ng	
53) 3-Nitroaniline	9.833	138	167033	23.22	ng	100
54) 2,4-Dinitrophenol	9.939	184	138821	45.61	ng	98
55) Dibenzofuran	10.086	168	1473003	43.17	ng	100
56) 4-Nitrophenol	10.004	139	439916	85.76	ng	94
57) 2,4-Dinitrotoluene	10.069	165	393986	47.51	ng	98
58) Fluorene	10.433	166	1144050	42.16	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	310133	40.44	ng	99
60) Diethylphthalate	10.304	149	1215706	42.40	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	548269	41.04	ng	98
62) 4-Nitroaniline	10.451	138	289419	39.63	ng	96
63) Azobenzene	10.580	77	1157222	43.91	ng	99
65) 4,6-Dinitro-2-methylph...	10.480	198	142685	35.43	ng	89
66) n-Nitrosodiphenylamine	10.539	169	1057323	45.31	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	379724	42.43	ng	97
68) Hexachlorobenzene	10.980	284	418738	42.32	ng	95
69) Atrazine	11.069	200	289724	38.23	ng	98
70) Pentachlorophenol	11.174	266	360634	68.80	ng	99
71) Phenanthrene	11.392	178	1722059	43.87	ng	100
72) Anthracene	11.445	178	1758009	45.17	ng	100
73) Carbazole	11.598	167	1550514	43.92	ng	100
74) Di-n-butylphthalate	11.927	149	1809310	40.79	ng	100
75) Fluoranthene	12.580	202	1763921	42.85	ng	99
77) Benzidine	12.698	184	514885	53.54	ng	99
78) Pyrene	12.810	202	1736195	50.51	ng	100
80) Butylbenzylphthalate	13.427	149	689058	44.50	ng	97
81) Benzo(a)anthracene	13.998	228	1347711	45.36	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	248903	23.39	ng	98
83) Chrysene	14.033	228	1335163	45.15	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	868195	40.94	ng	99
85) Di-n-octyl phthalate	14.598	149	1339126	38.07	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	1422185	55.08	ng	99
88) Benzo(b)fluoranthene	15.039	252	1289424	46.72	ng	99
89) Benzo(k)fluoranthene	15.074	252	1116497	44.25	ng	98
90) Benzo(a)pyrene	15.404	252	1090939	45.18	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	1147943	54.32	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1246418	60.94	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.839 min Scan# 808
 Delta R.T. -0.001 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01

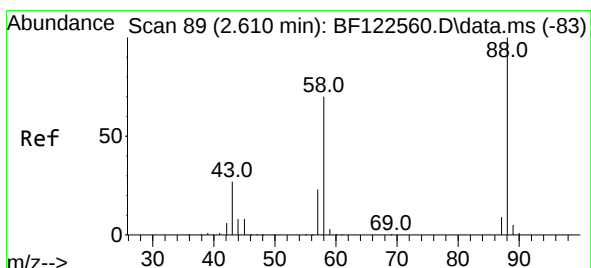
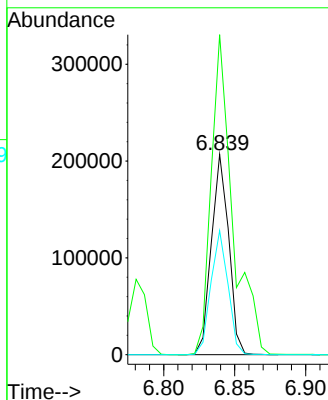
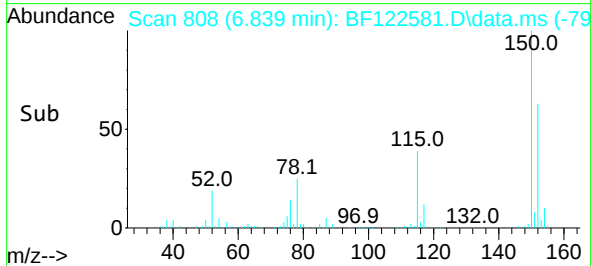
Instrument :
 BNA_F
 ClientSampled :
 RO-275MSD



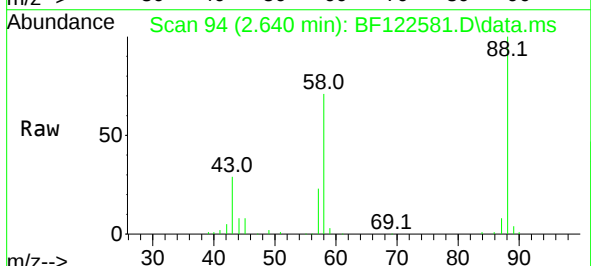
Tgt Ion:152 Resp: 174933
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.8 188.6
 115 61.9 49.3 73.9

Manual Integrations
 APPROVED

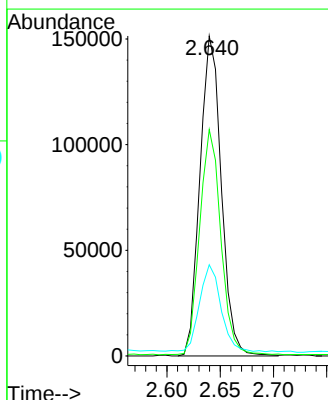
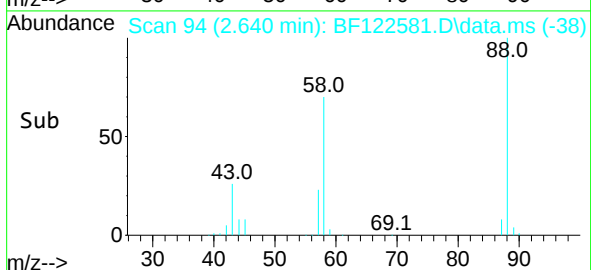
mohammad
 12/8/2020 2:06:14 PM

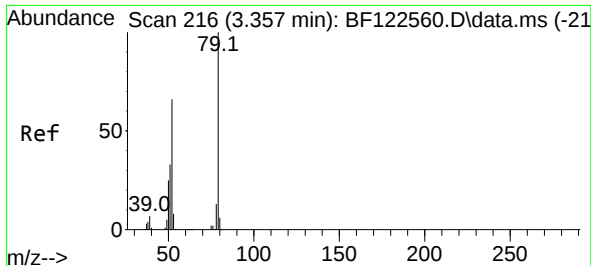


#2
 1,4-Dioxane
 Concen: 40.76 ng
 RT: 2.640 min Scan# 94
 Delta R.T. 0.029 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01



Tgt Ion: 88 Resp: 211705
 Ion Ratio Lower Upper
 88 100
 58 69.3 56.2 84.2
 43 27.3 21.8 32.6





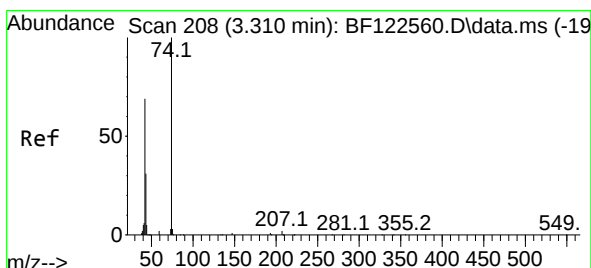
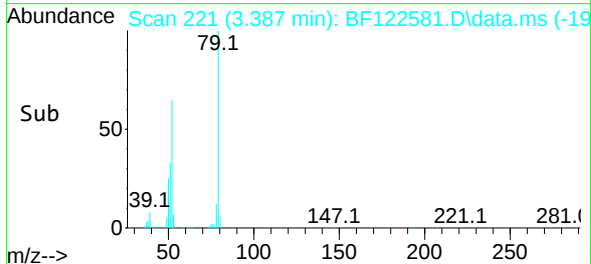
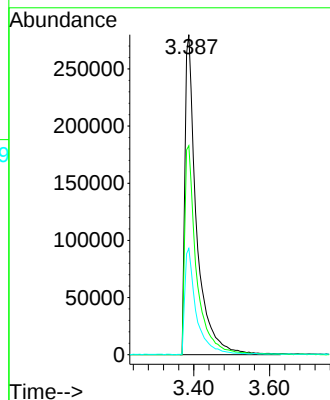
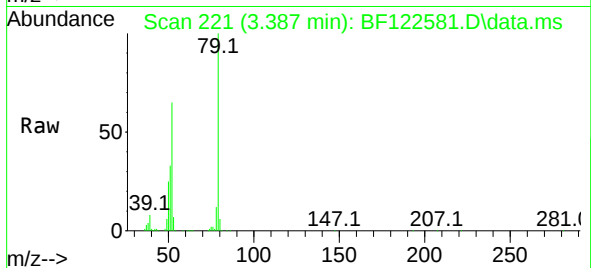
#3
Pyridine
Concen: 43.41 ng
RT: 3.387 min Scan# 221
Delta R.T. 0.029 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion: 79 Resp: 595930
Ion Ratio Lower Upper
79 100
52 65.3 53.0 79.4
51 33.2 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

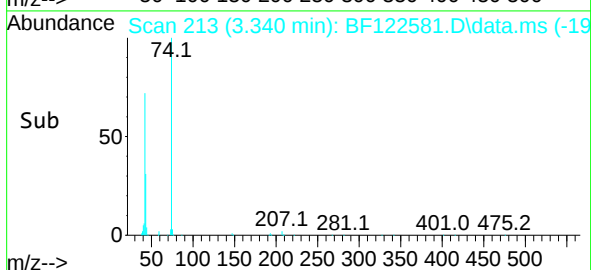
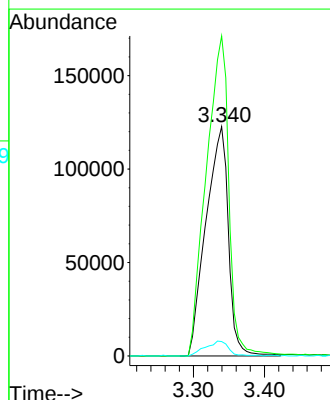
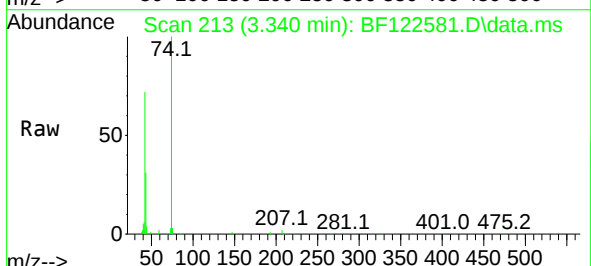
Manual Integrations
APPROVED

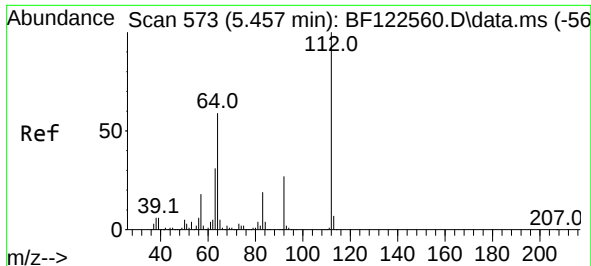
mohammad
12/8/2020 2:06:14 PM



#4
n-Nitrosodimethylamine
Concen: 48.95 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.029 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

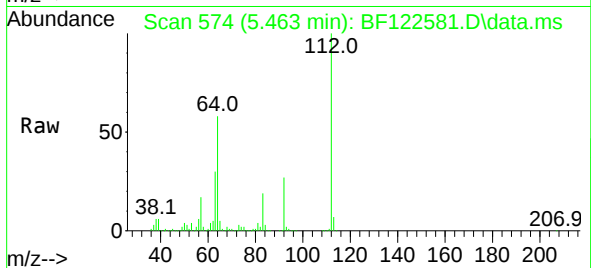
Tgt Ion: 42 Resp: 269444
Ion Ratio Lower Upper
42 100
74 139.6 115.2 172.8
44 6.3 5.4 8.0





#5
2-Fluorophenol
Concen: 99.25 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

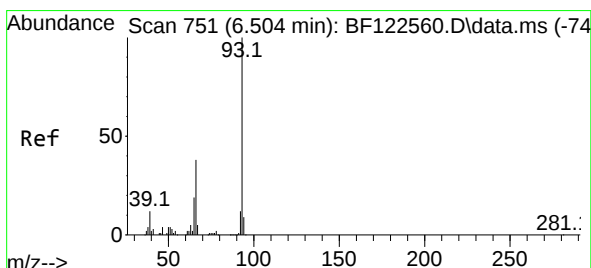
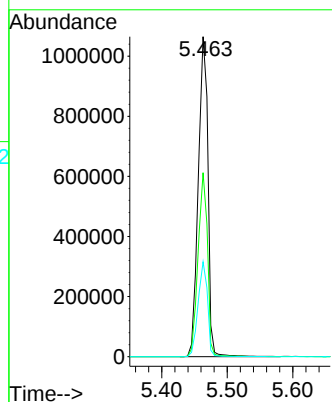
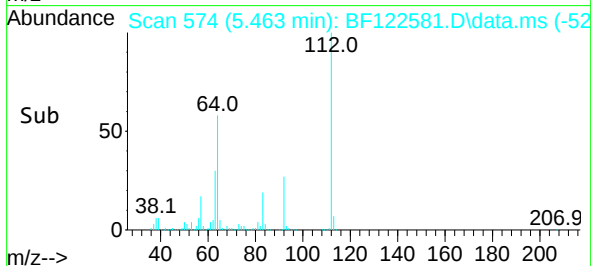
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



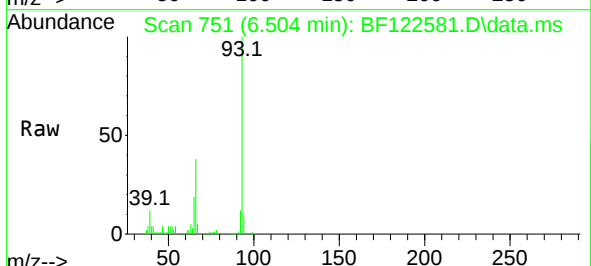
Tgt Ion:112 Resp: 1096648
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 29.7 24.5 36.7

Manual Integrations
APPROVED

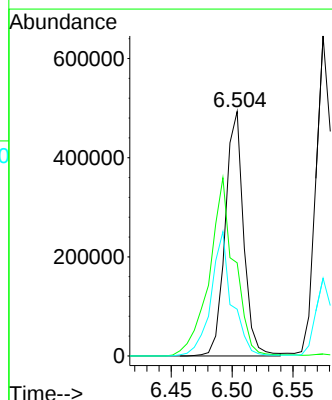
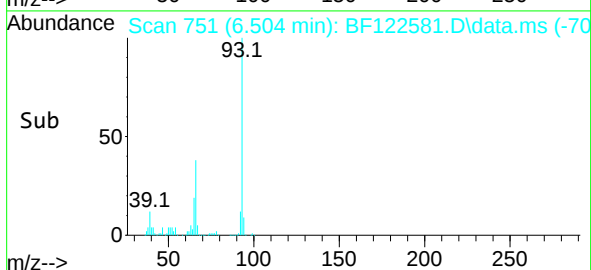
mohammad
12/8/2020 2:06:14 PM

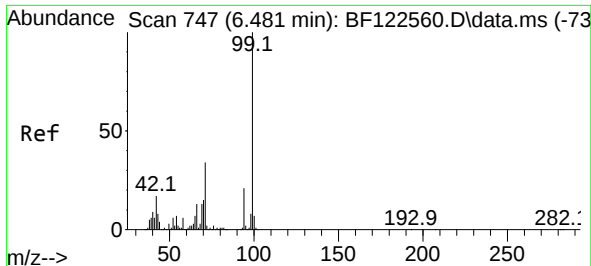


#6
Aniline
Concen: 30.04 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion: 93 Resp: 518180
Ion Ratio Lower Upper
93 100
66 38.1 31.3 46.9
65 19.1 15.6 23.4





#7
Phenol-d6
Concen: 94.37 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

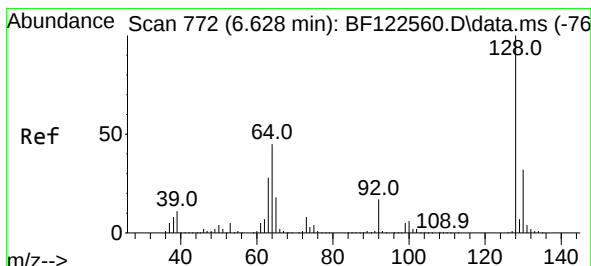
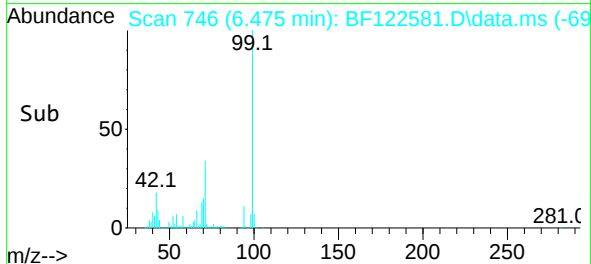
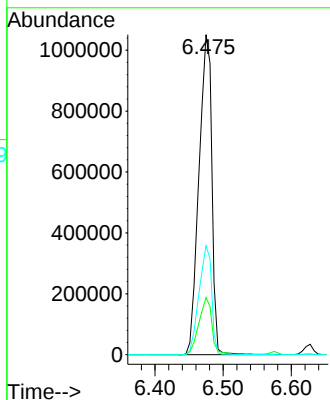
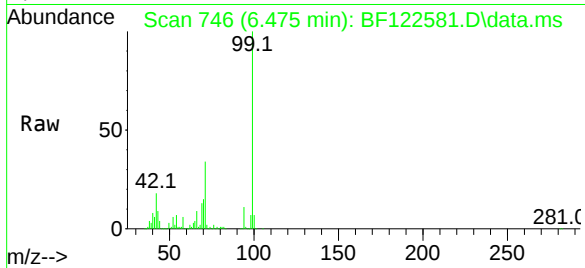
Tgt Ion: 99 Resp: 1382877

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.8	20.6
71	34.1	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

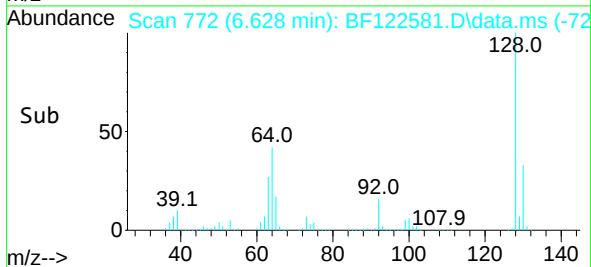
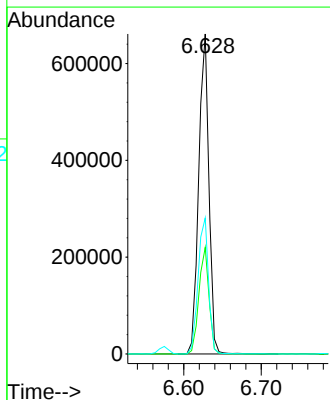
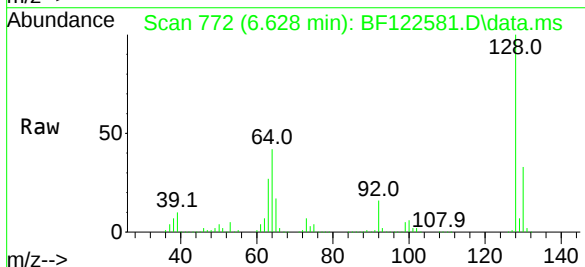
mohammad
12/8/2020 2:06:14 PM

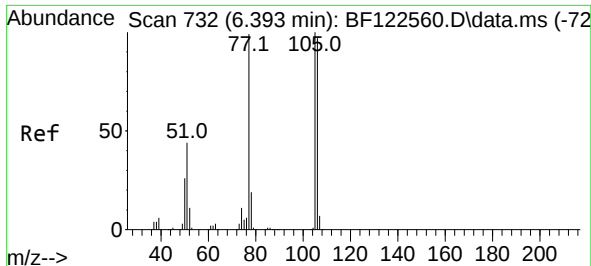


#8
2-Chlorophenol
Concen: 49.55 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion: 128 Resp: 603490

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	42.5	25.5	65.5





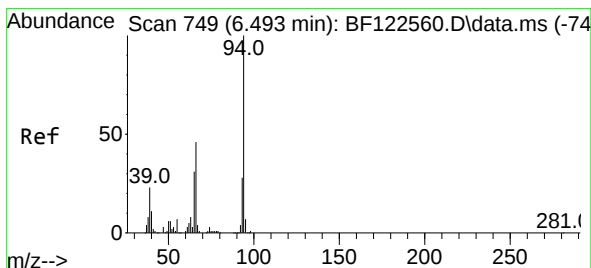
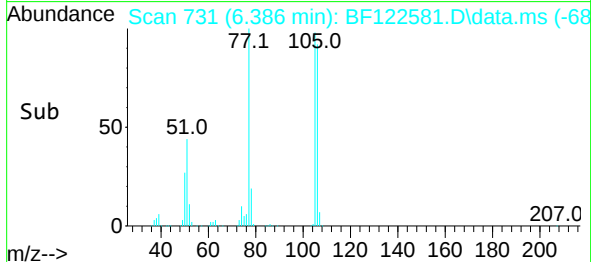
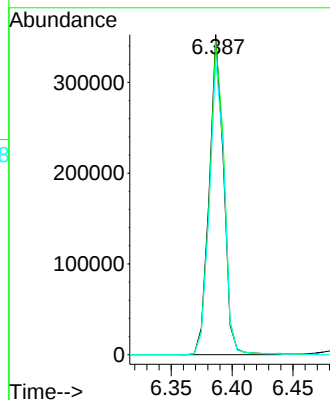
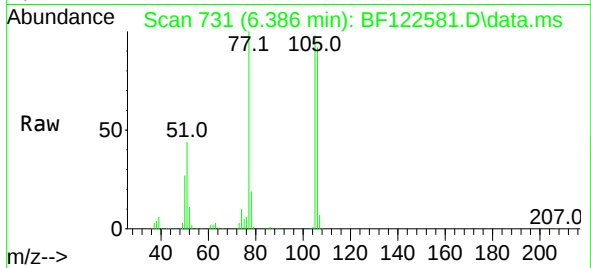
#9
Benzaldehyde
Concen: 32.46 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion: 77 Resp: 287904
Ion Ratio Lower Upper
77 100
105 97.9 80.6 120.6
106 92.1 77.2 117.2

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

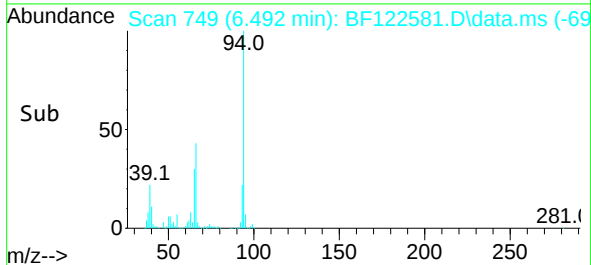
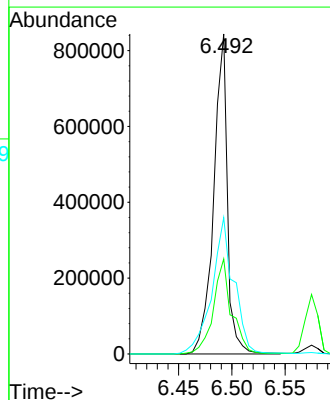
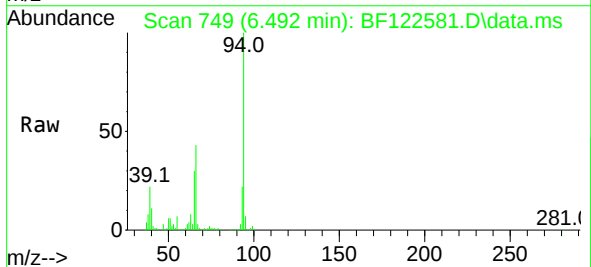
Manual Integrations
APPROVED

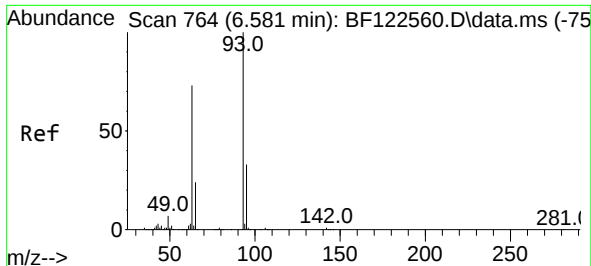
mohammad
12/8/2020 2:06:14 PM



#10
Phenol
Concen: 50.03 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

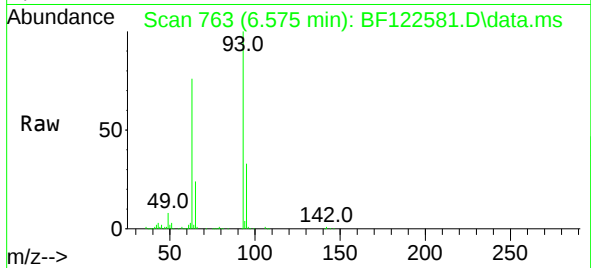
Tgt Ion: 94 Resp: 759758
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 42.6 25.8 65.8





#11
bis(2-Chloroethyl)ether
Concen: 48.49 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

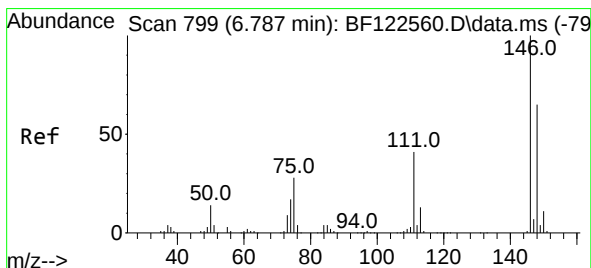
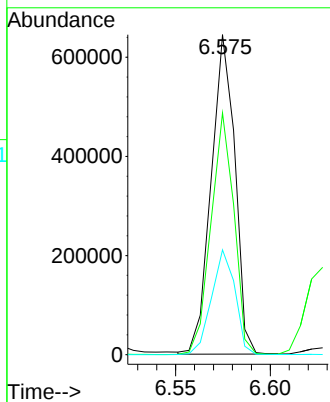
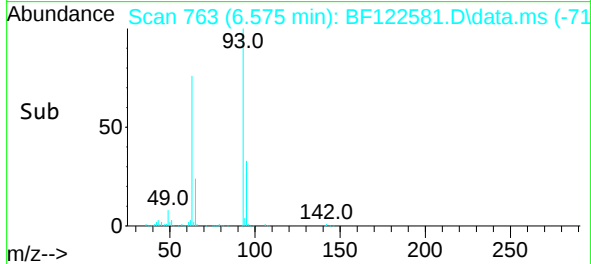
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



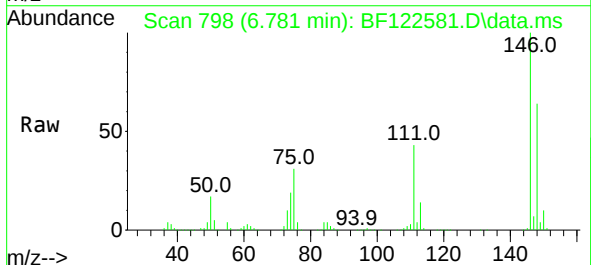
Tgt Ion: 93 Resp: 562561
Ion Ratio Lower Upper
93 100
63 75.6 52.6 92.6
95 32.7 12.6 52.6

Manual Integrations
APPROVED

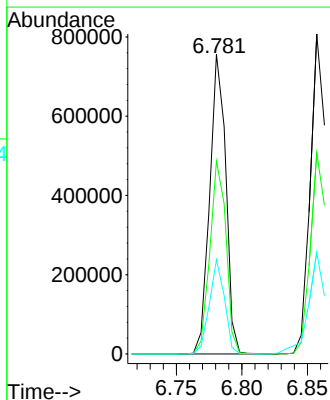
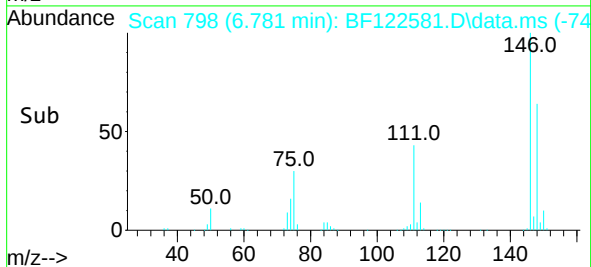
mohammad
12/8/2020 2:06:14 PM

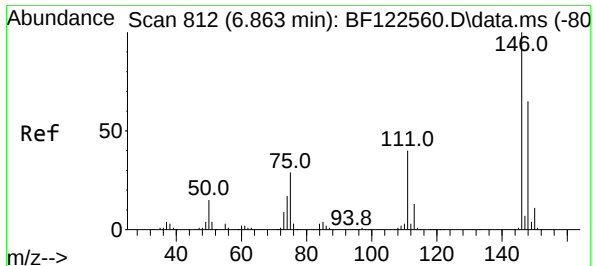


#12
1,3-Dichlorobenzene
Concen: 44.85 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion: 146 Resp: 646370
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 31.4 22.5 33.7





#13

1,4-Dichlorobenzene

Concen: 45.54 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF122581.D

Acq: 7 Dec 2020 20:01

Tgt Ion:	146	Resp:	661678
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.0	78.0
111	42.4	32.3	48.5

Instrument :

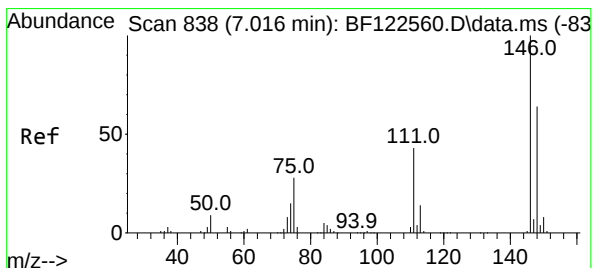
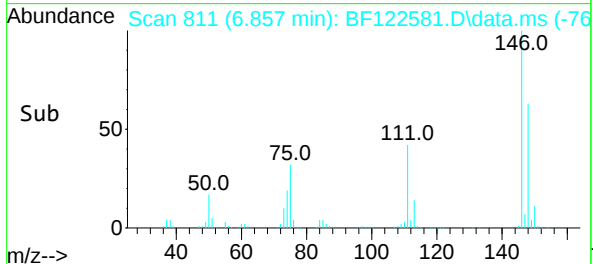
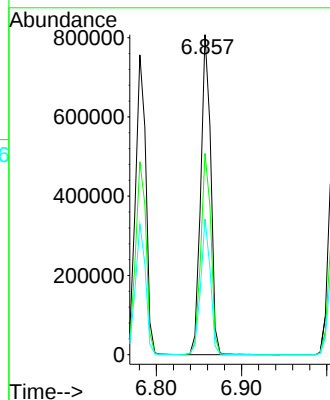
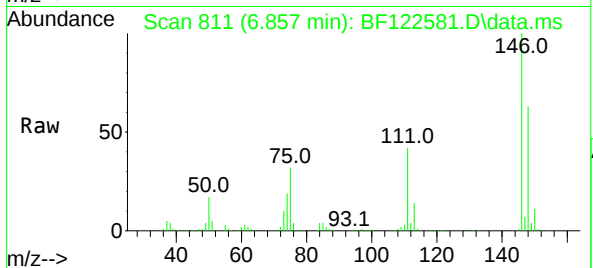
BNA_F

ClientSampleId :

RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



#14

1,2-Dichlorobenzene

Concen: 45.19 ng

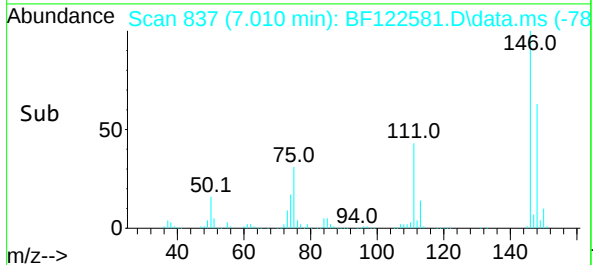
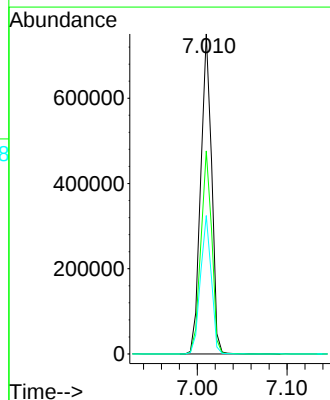
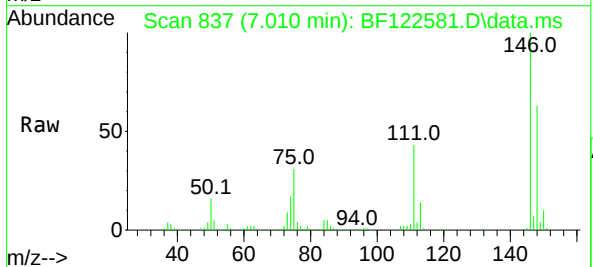
RT: 7.010 min Scan# 837

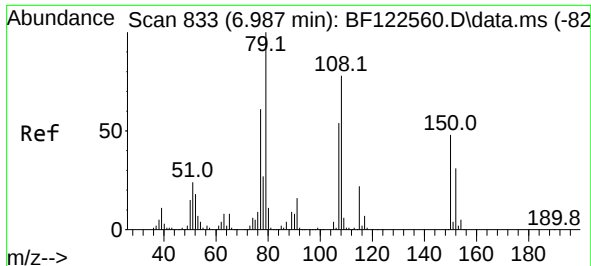
Delta R.T. -0.006 min

Lab File: BF122581.D

Acq: 7 Dec 2020 20:01

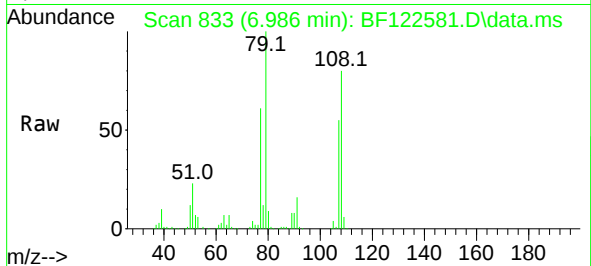
Tgt Ion:	146	Resp:	633914
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.5	77.3
111	43.2	34.2	51.2



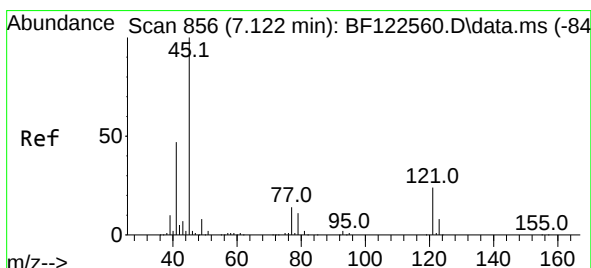
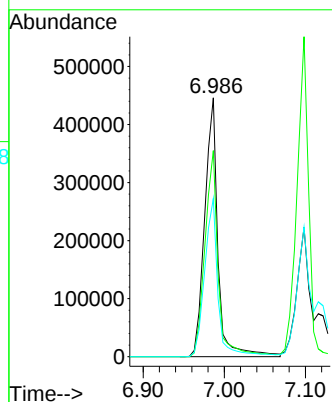
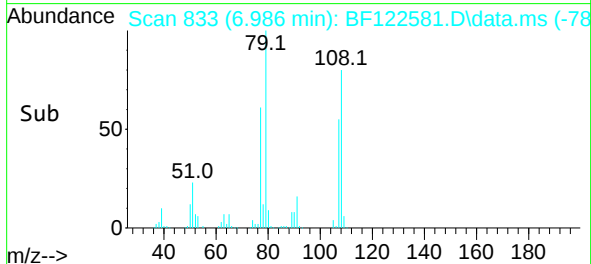


#15
Benzyl Alcohol
Concen: 49.99 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

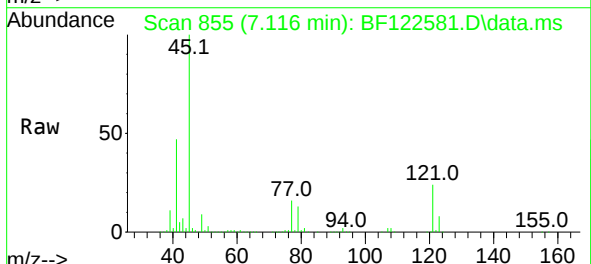
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



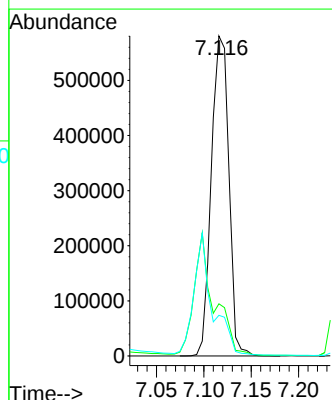
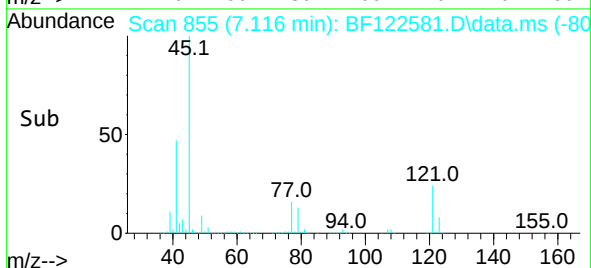
Tgt Ion: 79 Resp: 504436
Ion Ratio Lower Upper
79 100
108 79.6 62.4 93.6
77 61.1 49.0 73.6

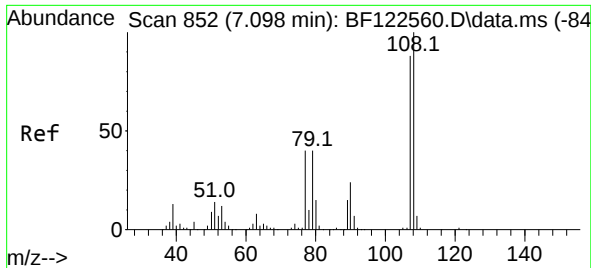


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.01 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

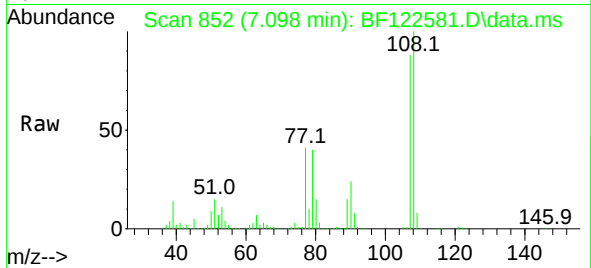


Tgt Ion: 45 Resp: 744612
Ion Ratio Lower Upper
45 100
77 16.3 0.0 35.6
79 12.7 0.0 32.4

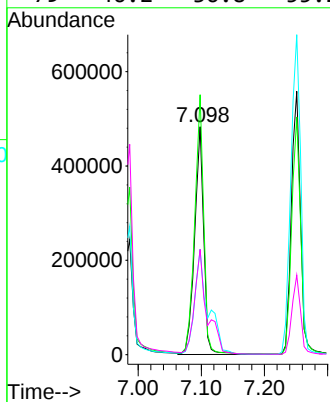
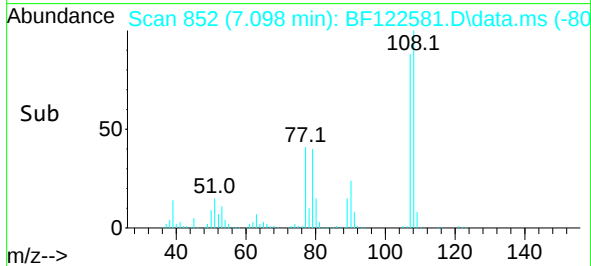




#17
2-Methylphenol
Concen: 50.49 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



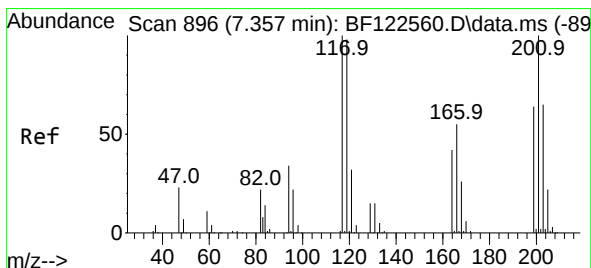
Tgt Ion:	107	Resp:	488808
Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.1	136.7
77	46.2	36.3	54.5
79	46.2	36.8	55.2



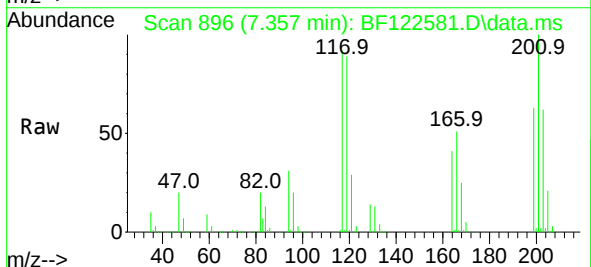
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

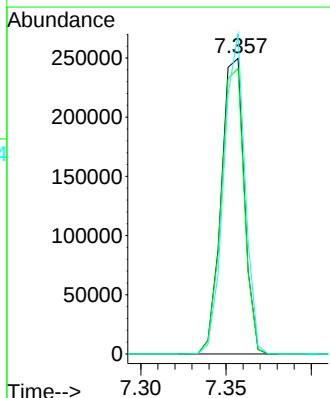
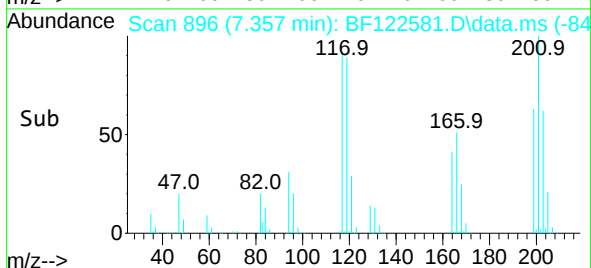
mohammad
12/8/2020 2:06:14 PM

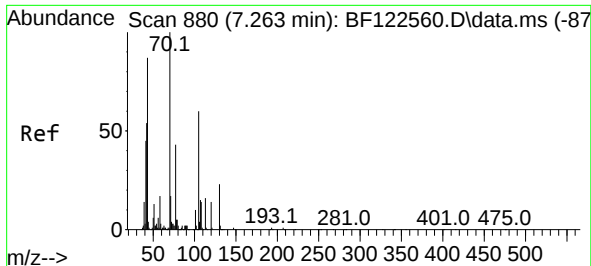


#18
Hexachloroethane
Concen: 45.38 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



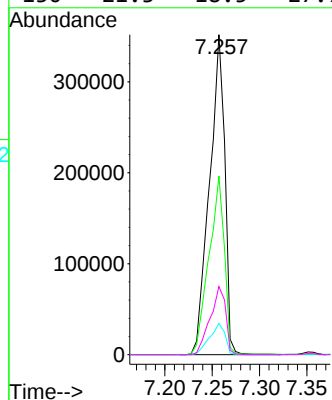
Tgt Ion:	117	Resp:	235006
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.4	117.6
201	108.3	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.96 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

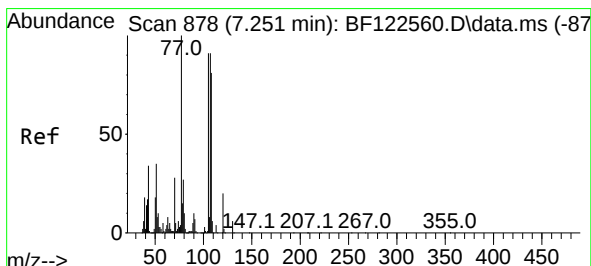
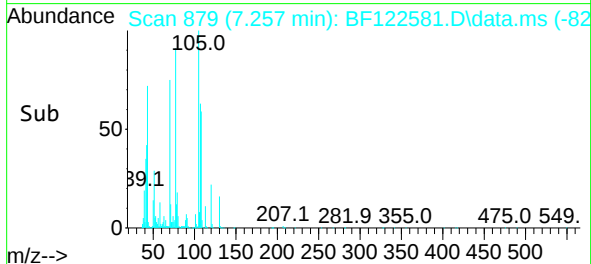
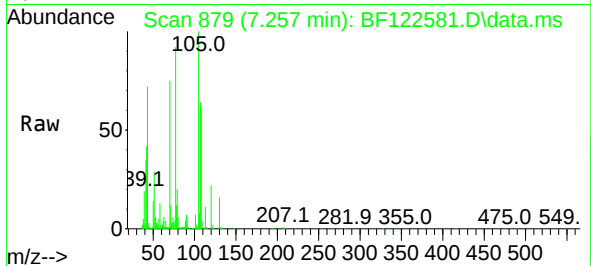
Tgt Ion:	70	Resp:	394190
Ion Ratio	Lower	Upper	
70	100		
42	55.8	43.0	64.4
101	9.7	7.9	11.9
130	21.3	18.5	27.7



Instrument :
BNA_F
ClientSampleId :
RO-275MSD

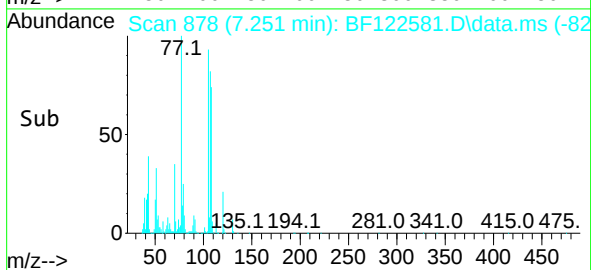
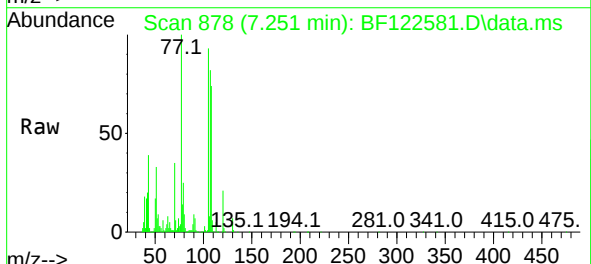
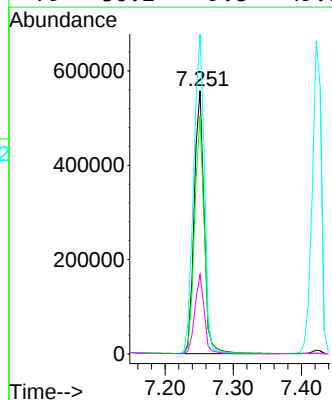
Manual Integrations
APPROVED

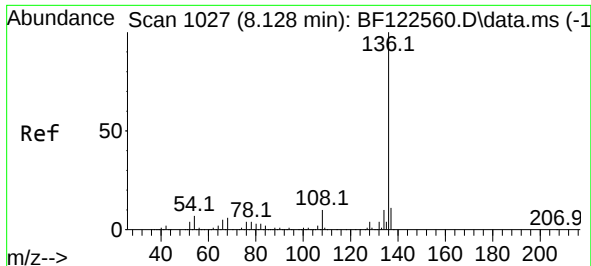
mohammad
12/8/2020 2:06:14 PM



#20
3+4-Methylphenols
Concen: 45.84 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

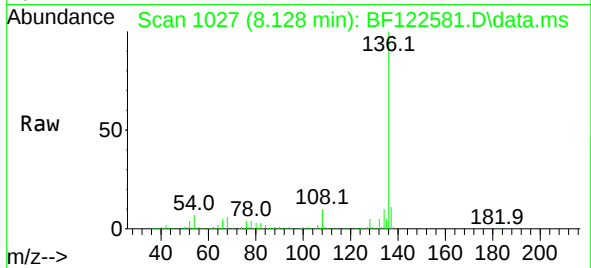
Tgt Ion:	107	Resp:	560619
Ion Ratio	Lower	Upper	
107	100		
108	90.3	68.7	108.7
77	121.5	89.8	129.8
79	30.2	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

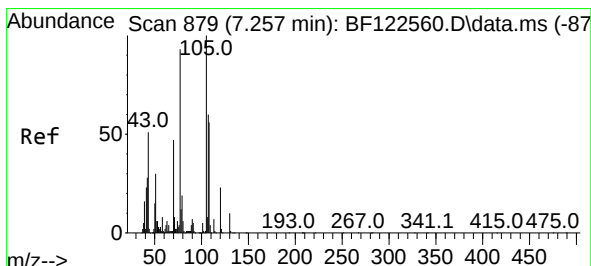
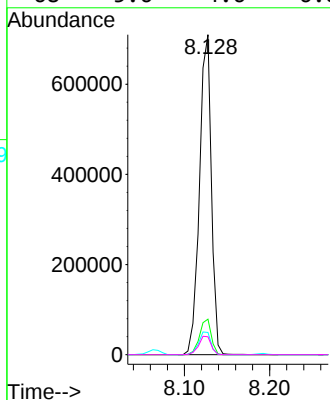
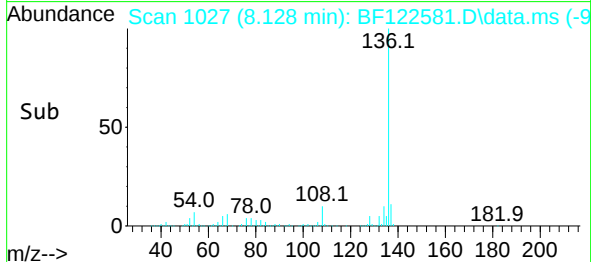
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



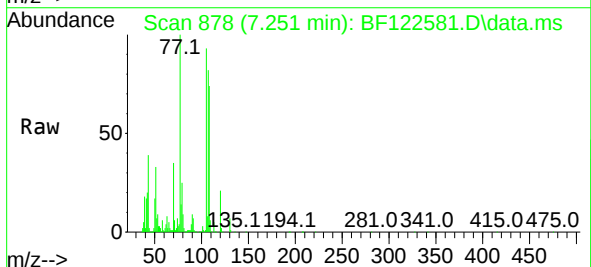
Tgt Ion:	136	Resp:	687585
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.0	5.5	8.3
68	5.6	4.6	6.8

Manual Integrations
APPROVED

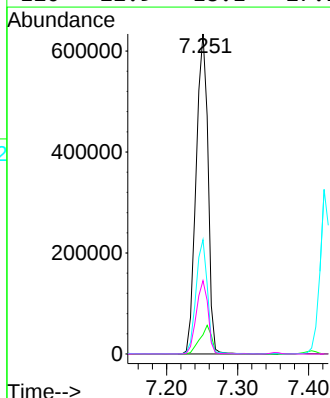
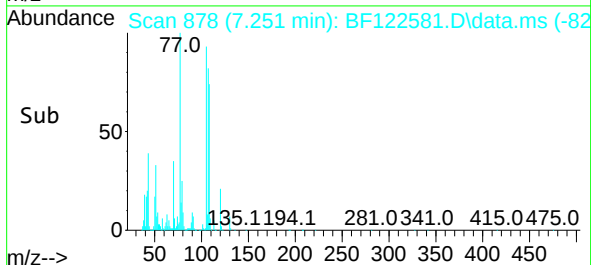
mohammad
12/8/2020 2:06:14 PM

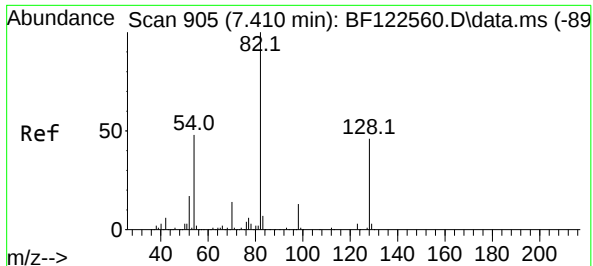


#22
Acetophenone
Concen: 43.39 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:	105	Resp:	741813
Ion Ratio	Lower	Upper	
105	100		
71	6.0	6.5	9.7#
51	35.7	24.3	36.5
120	22.9	18.1	27.1





#23

Nitrobenzene-d5

Concen: 63.34 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF122581.D

Acq: 7 Dec 2020 20:01

Tgt Ion: 82	Resp: 869293
Ion Ratio	Lower Upper
82 100	
128 45.3	37.0 55.4
54 48.1	38.4 57.6

Instrument :

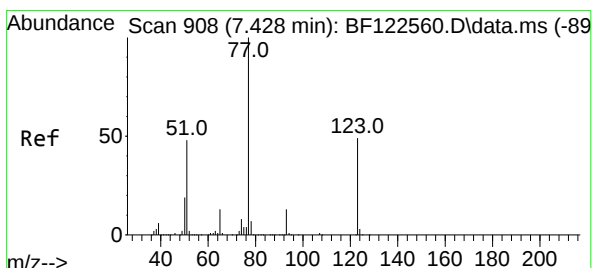
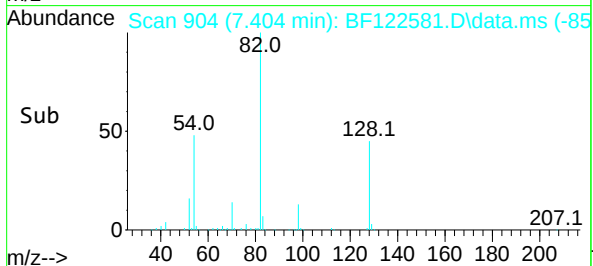
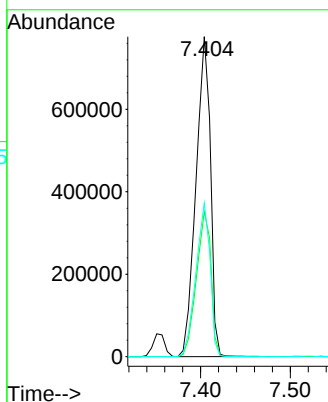
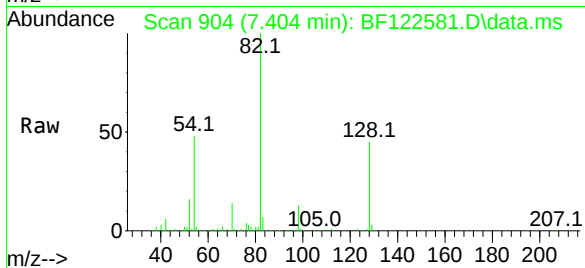
BNA_F

ClientSampleId :

RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



#24

Nitrobenzene

Concen: 45.49 ng

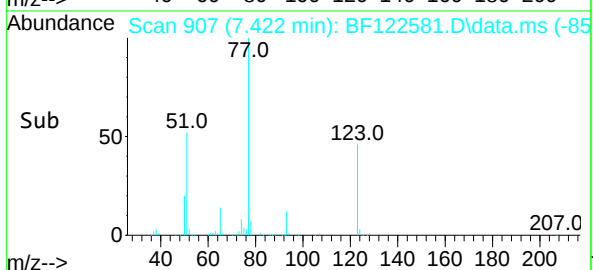
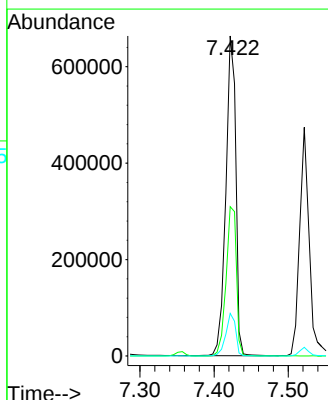
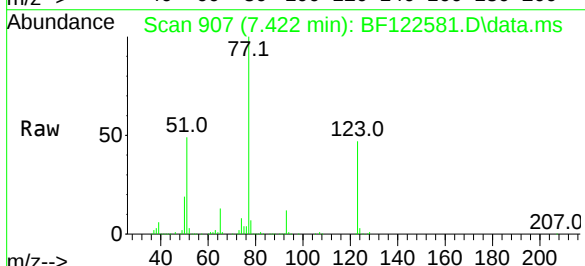
RT: 7.422 min Scan# 907

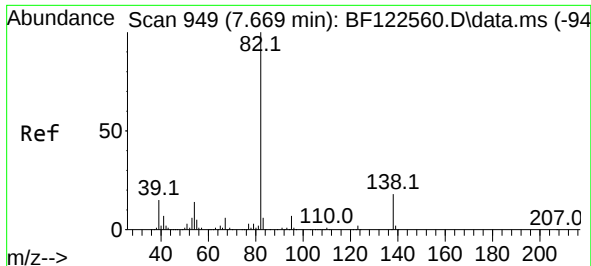
Delta R.T. -0.006 min

Lab File: BF122581.D

Acq: 7 Dec 2020 20:01

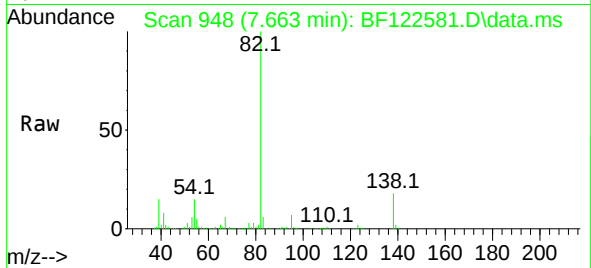
Tgt Ion: 77	Resp: 621049		
Ion Ratio	Lower	Upper	
77 100			
123 46.7	39.3	58.9	
65 13.3	10.6	15.8	





#25
Isophorone
Concen: 46.77 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

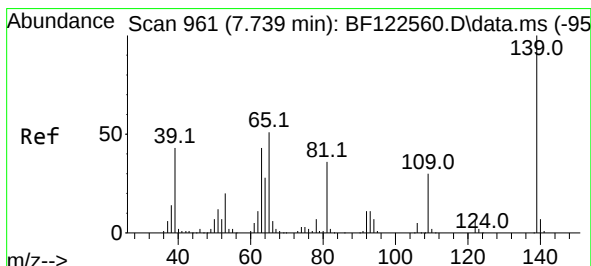
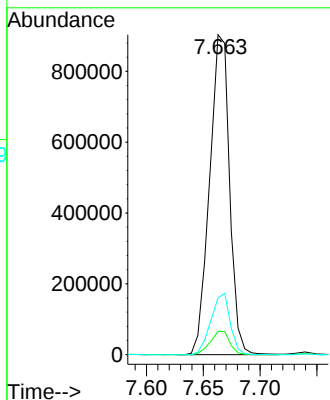
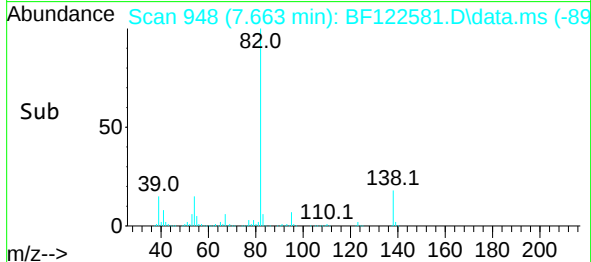
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



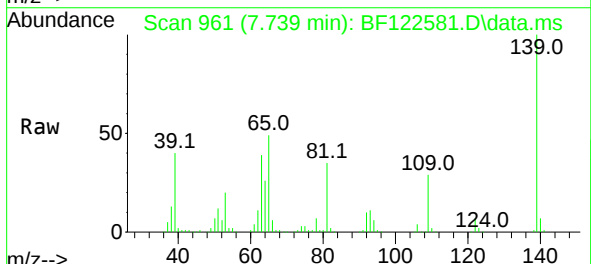
Tgt Ion: 82 Resp: 1105510
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.7 14.6 21.8

Manual Integrations
APPROVED

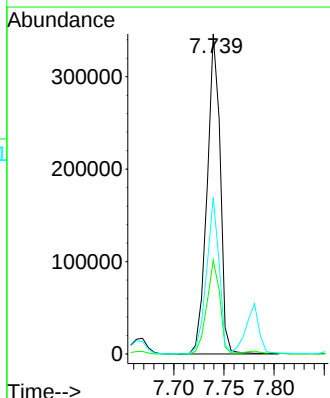
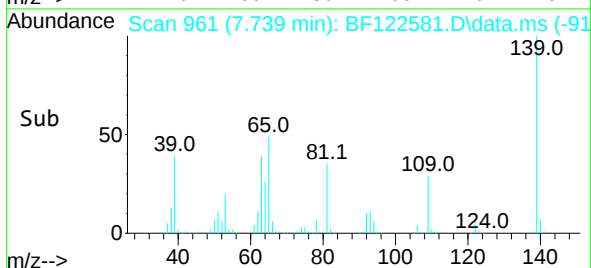
mohammad
12/8/2020 2:06:14 PM

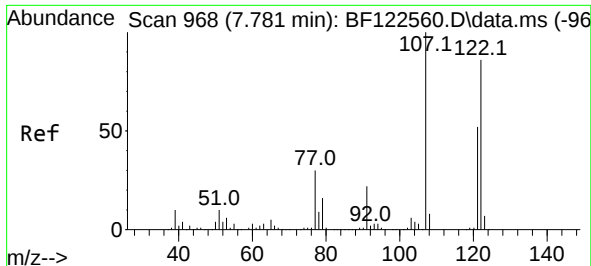


#26
2-Nitrophenol
Concen: 47.53 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

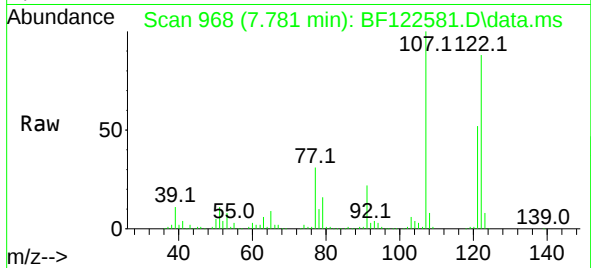


Tgt Ion: 139 Resp: 316457
Ion Ratio Lower Upper
139 100
109 29.3 24.0 36.0
65 48.9 40.9 61.3

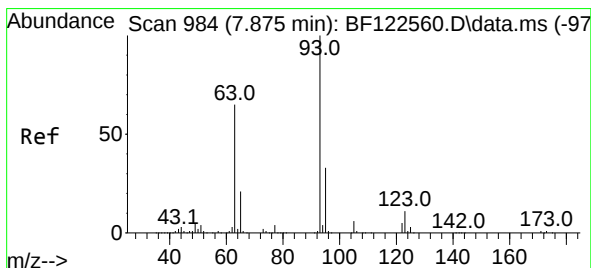
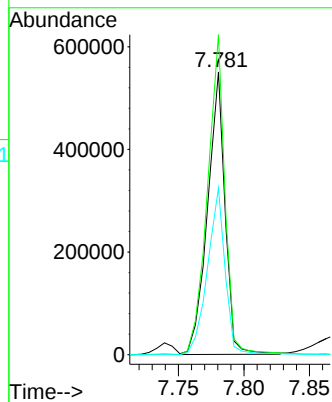
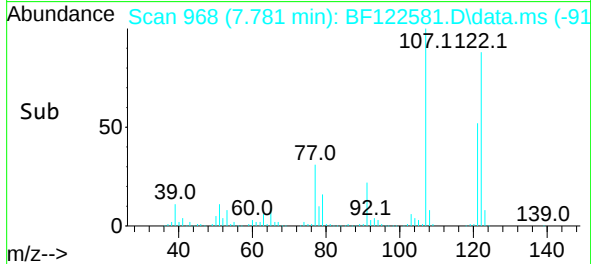




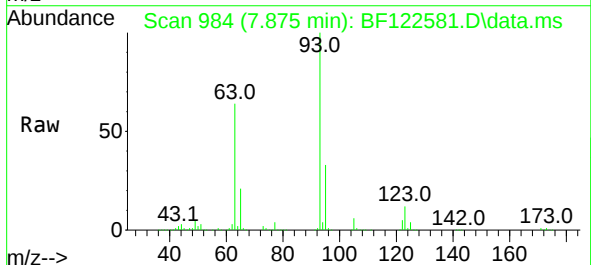
#27
2,4-Dimethylphenol
Concen: 52.47 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



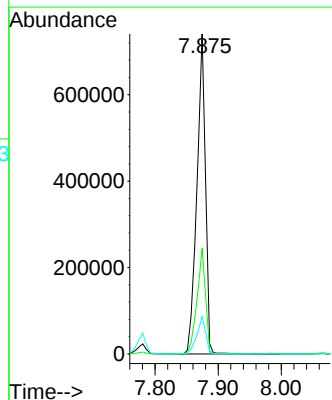
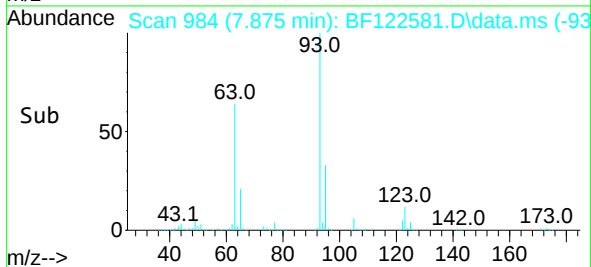
Tgt Ion:122 Resp: 512081
Ion Ratio Lower Upper
122 100
107 113.2 91.8 137.8
121 58.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.16 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



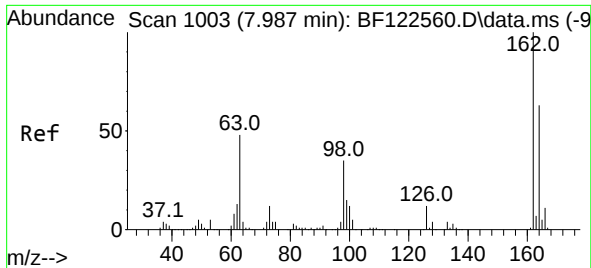
Tgt Ion: 93 Resp: 698614
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.2
123 11.7 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
RO-275MSD

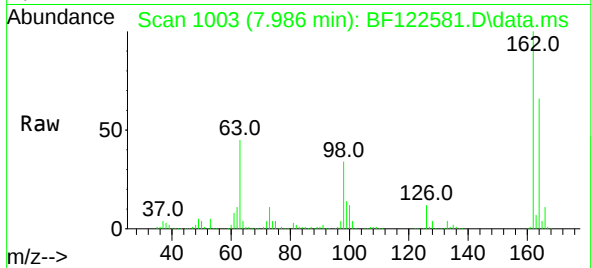
Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



#29
2,4-Dichlorophenol
Concen: 44.96 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

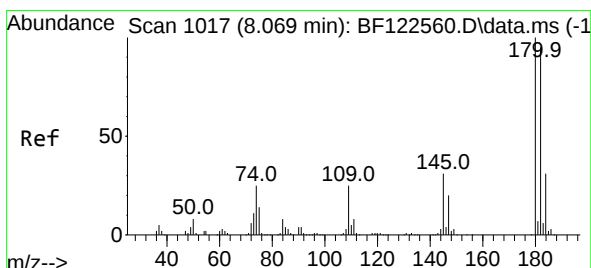
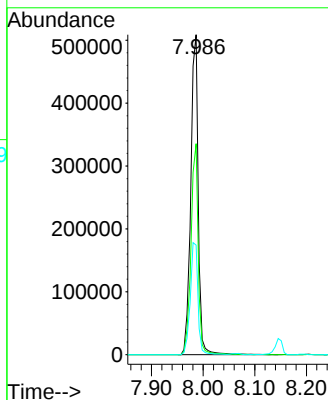
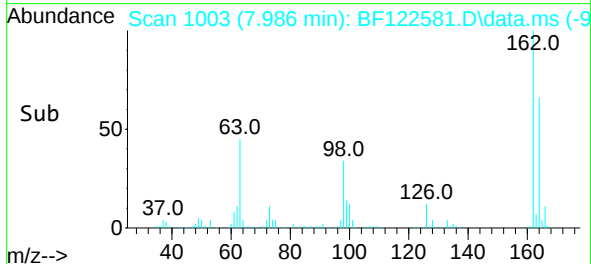
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



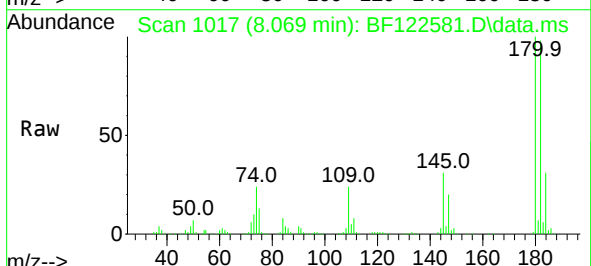
Tgt Ion:162 Resp: 512372
Ion Ratio Lower Upper
162 100
164 65.9 43.2 83.2
98 34.2 15.2 55.2

Manual Integrations
APPROVED

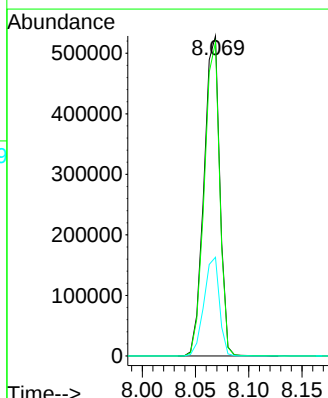
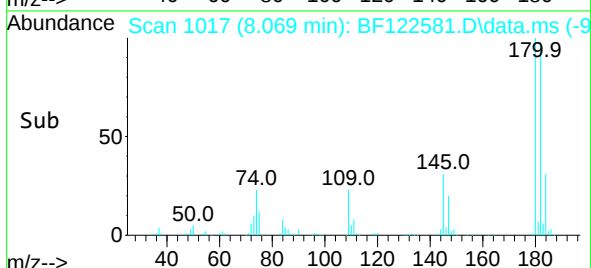
mohammad
12/8/2020 2:06:14 PM

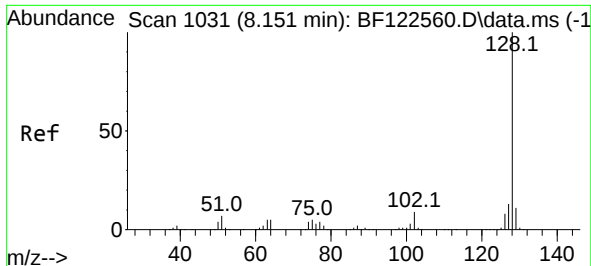


#30
1,2,4-Trichlorobenzene
Concen: 42.30 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

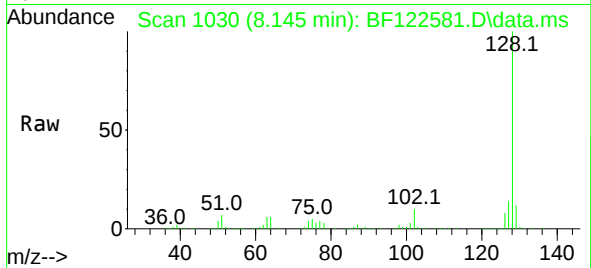


Tgt Ion:180 Resp: 546252
Ion Ratio Lower Upper
180 100
182 98.0 75.7 113.5
145 30.9 25.0 37.4

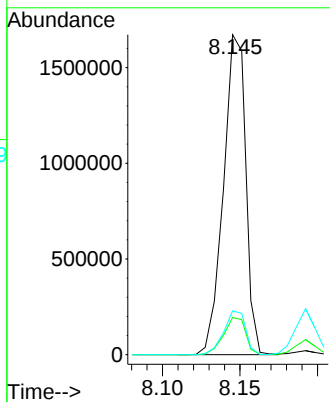
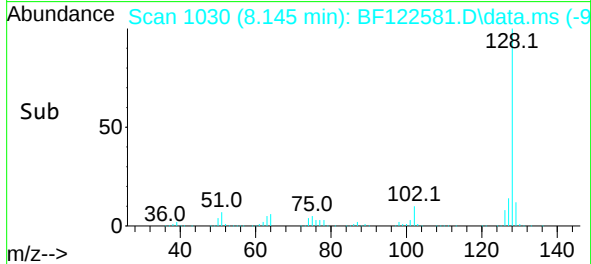




#31
Naphthalene
Concen: 44.17 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



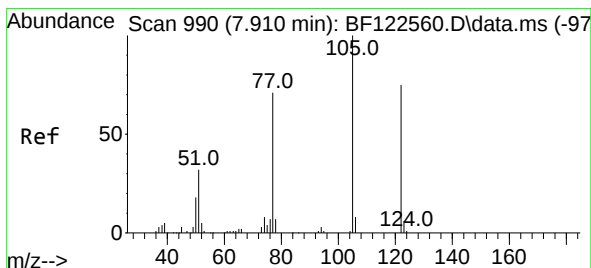
Tgt Ion:128 Resp: 1675766
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.7 10.7 16.1



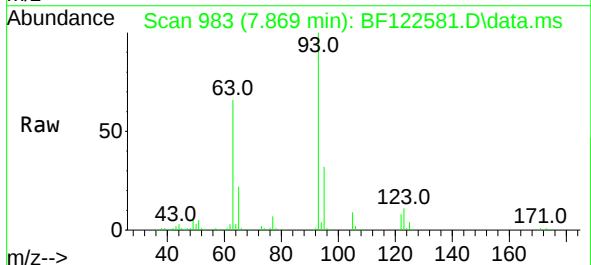
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

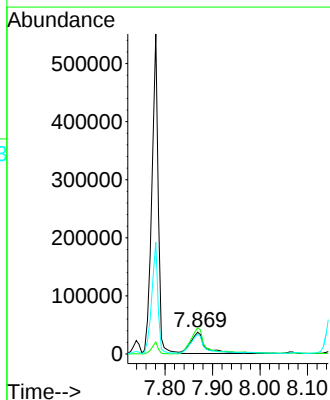
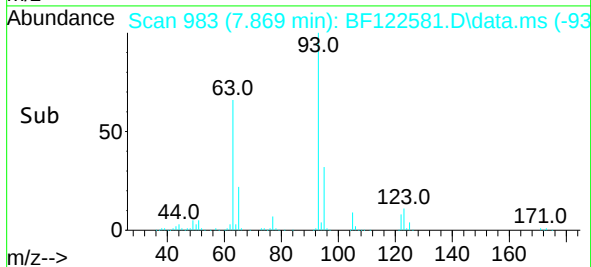
mohammad
12/8/2020 2:06:14 PM

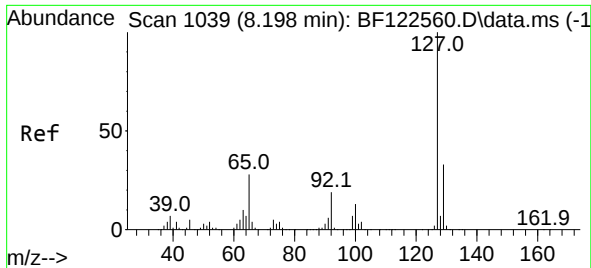


#32
Benzoic acid
Concen: 10.57 ng m
RT: 7.869 min Scan# 983
Delta R.T. -0.041 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:122 Resp: 82200
Ion Ratio Lower Upper
122 100
105 121.1 104.8 144.8
77 90.9 71.0 111.0





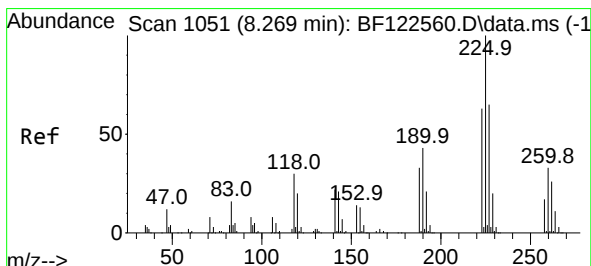
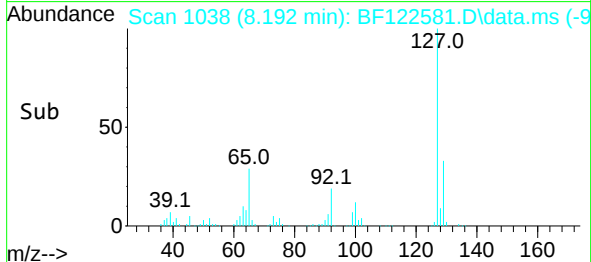
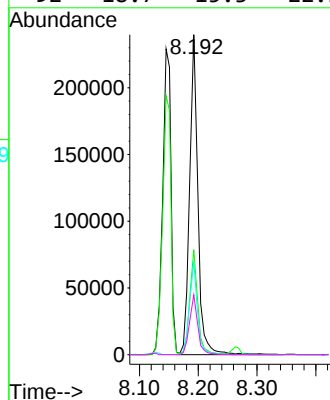
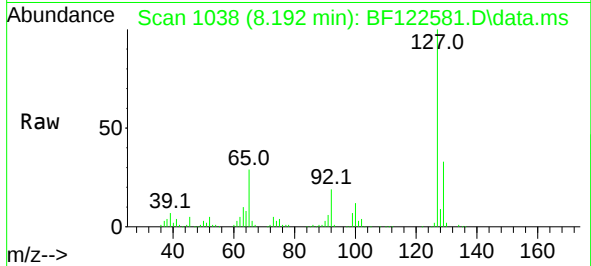
#33
4-Chloroaniline
Concen: 14.91 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	29.1	22.2	33.2
92	18.7	15.3	22.9

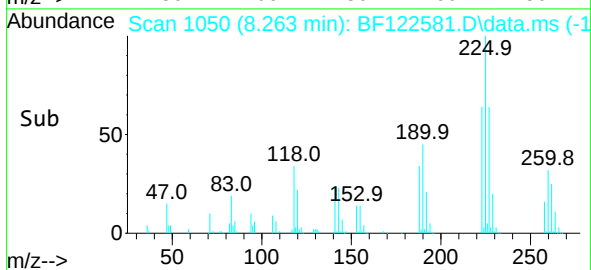
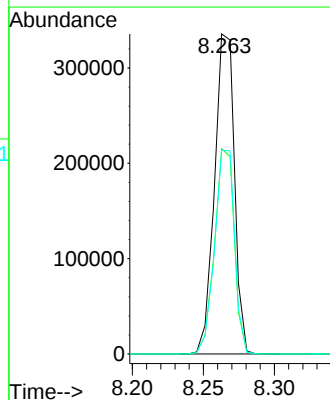
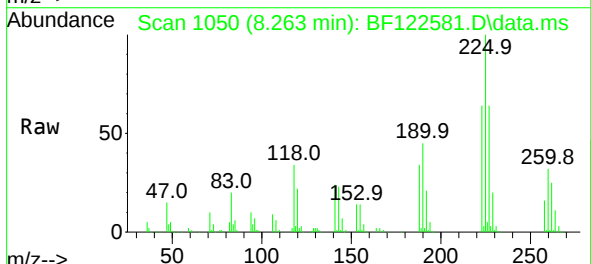
Manual Integrations
APPROVED

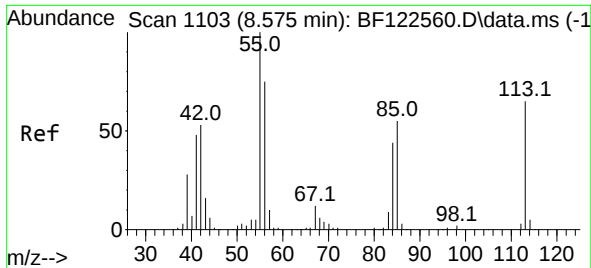
mohammad
12/8/2020 2:06:14 PM



#34
Hexachlorobutadiene
Concen: 41.13 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	63.7	51.7	77.5





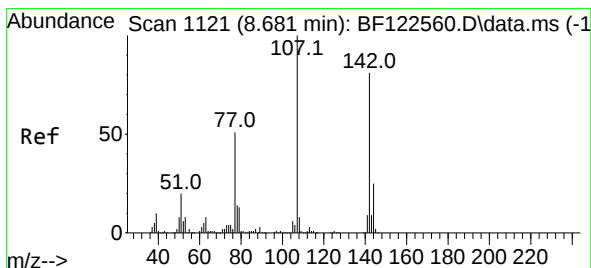
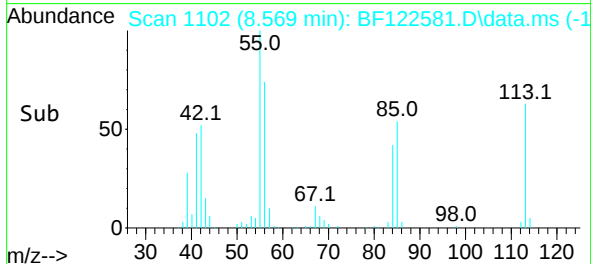
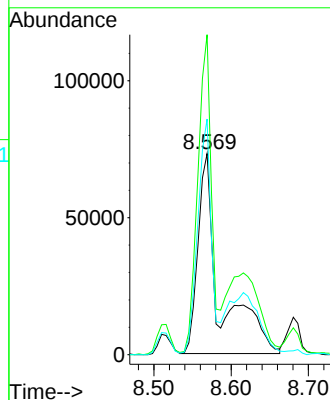
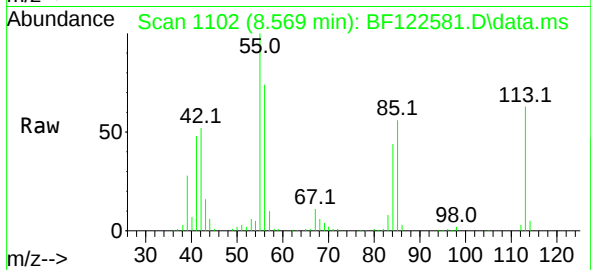
#35
Caprolactam
Concen: 41.97 ng m
RT: 8.569 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:113 Resp: 144080
Ion Ratio Lower Upper
113 100
55 159.1 133.7 173.7
56 117.2 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

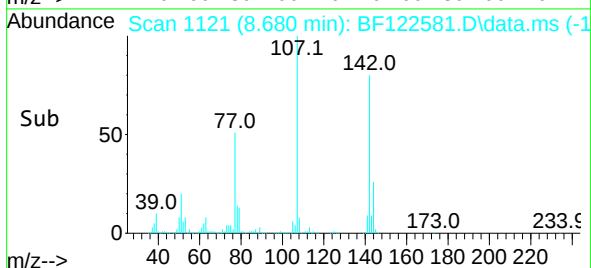
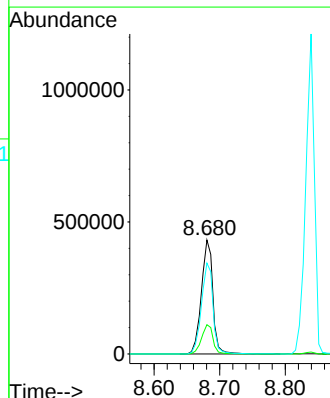
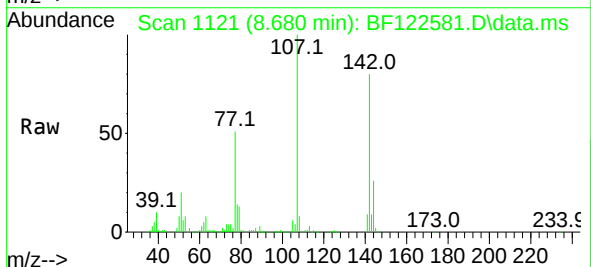
Manual Integrations
APPROVED

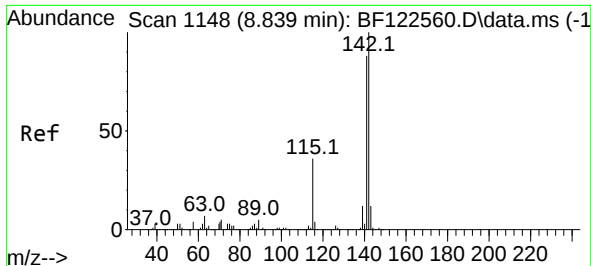
mohammad
12/8/2020 2:06:14 PM



#36
4-Chloro-3-methylphenol
Concen: 46.93 ng
RT: 8.680 min Scan# 1121
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:107 Resp: 526910
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 79.8 64.4 96.6





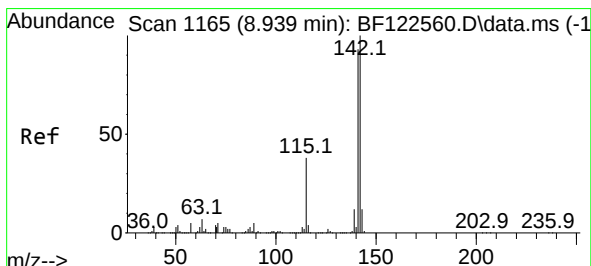
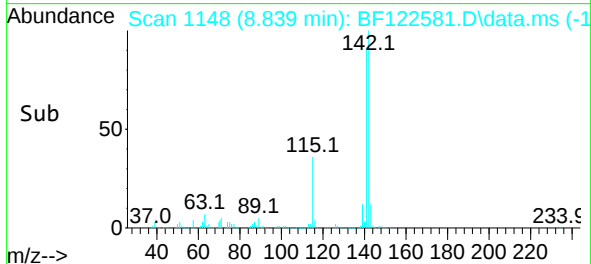
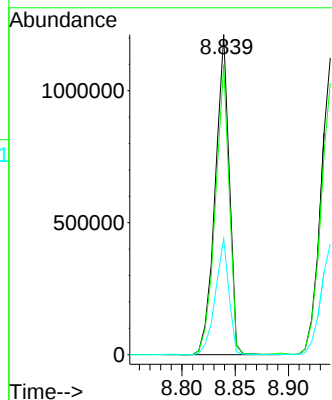
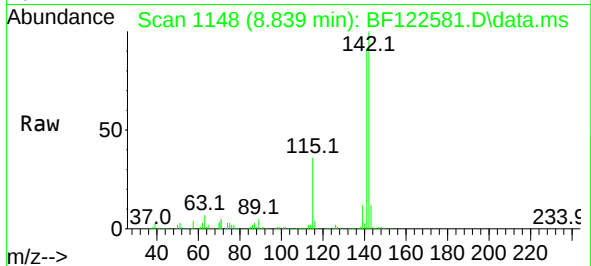
#37
2-Methylnaphthalene
Concen: 44.23 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:142 Resp: 1110153
Ion Ratio Lower Upper
142 100
141 90.6 70.6 106.0
115 36.2 28.7 43.1

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

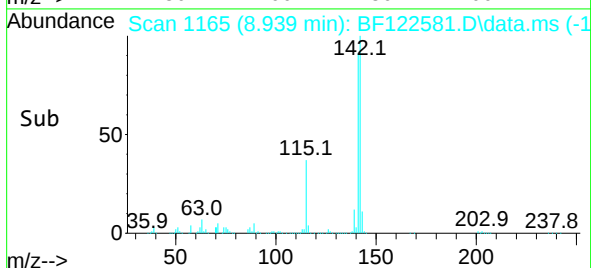
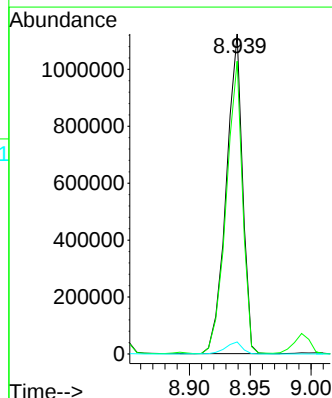
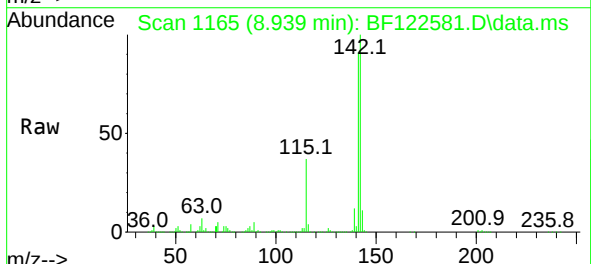
Manual Integrations
APPROVED

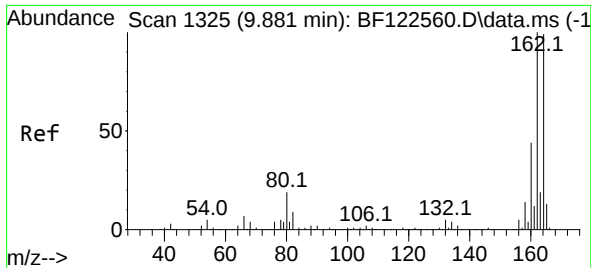
mohammad
12/8/2020 2:06:14 PM



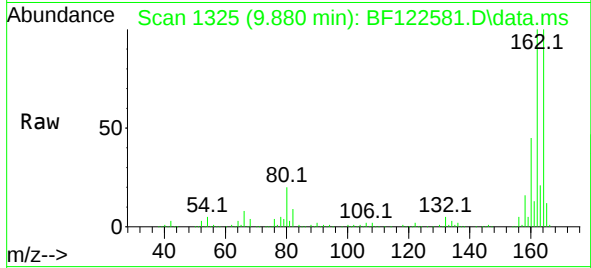
#38
1-Methylnaphthalene
Concen: 44.22 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:142 Resp: 1049907
Ion Ratio Lower Upper
142 100
141 91.5 74.5 111.7
116 3.8 3.2 4.8

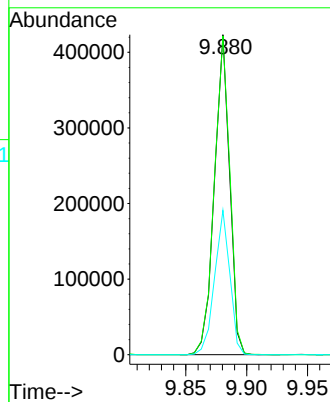
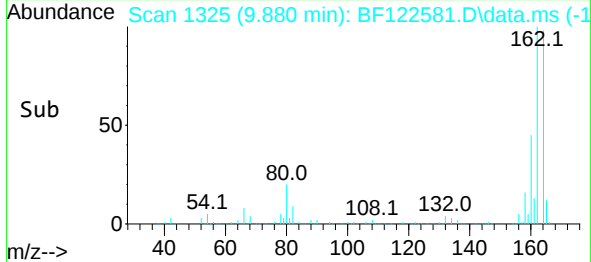




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.001 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



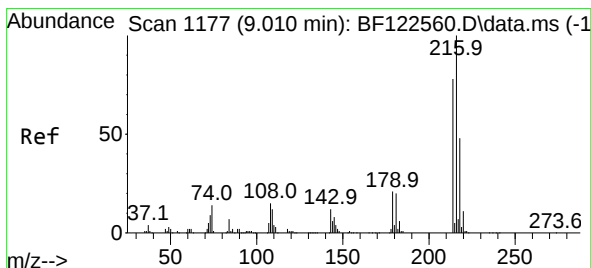
Tgt Ion:164 Resp: 369107
Ion Ratio Lower Upper
164 100
162 99.7 80.8 121.2
160 45.1 35.4 53.0



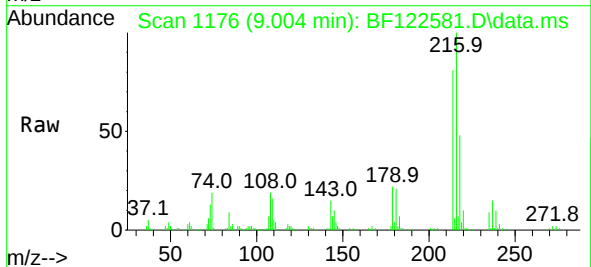
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

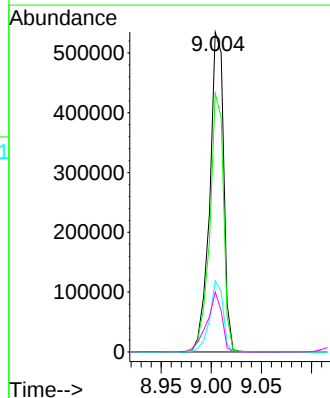
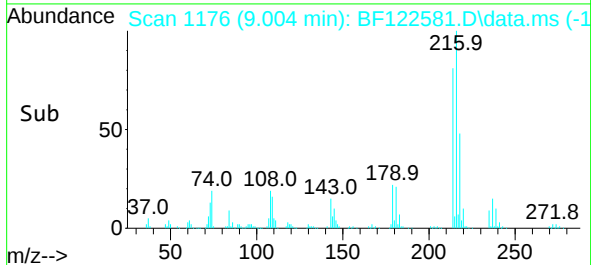
mohammad
12/8/2020 2:06:14 PM

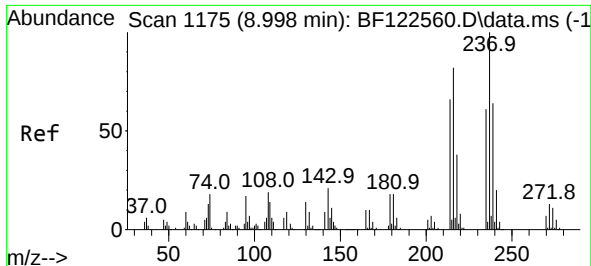


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.49 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:216 Resp: 519518
Ion Ratio Lower Upper
216 100
214 79.5 63.1 94.7
179 21.3 17.1 25.7
108 20.0 14.6 21.8





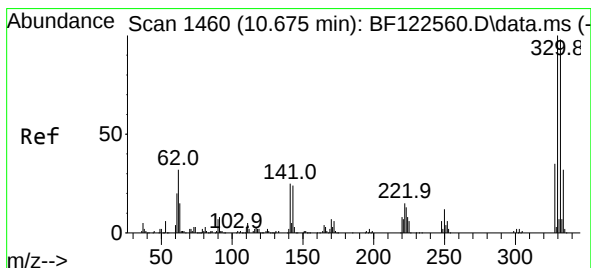
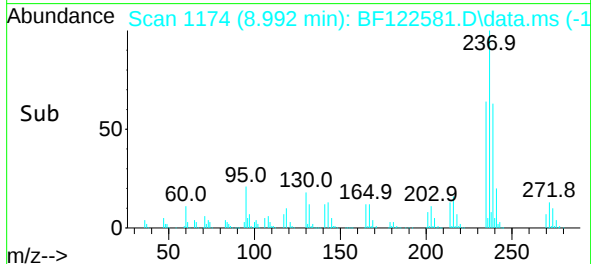
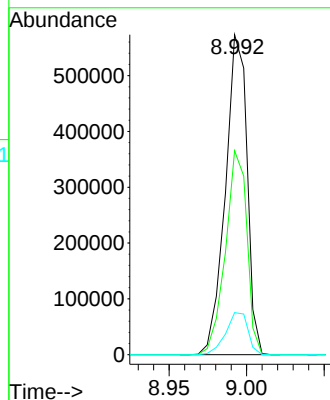
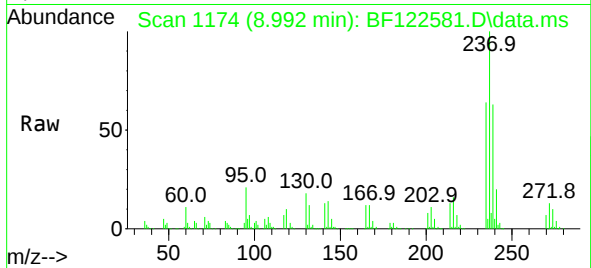
#41
Hexachlorocyclopentadiene
Concen: 103.30 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:237 Resp: 558365
Ion Ratio Lower Upper
237 100
235 63.7 40.9 80.9
272 13.1 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

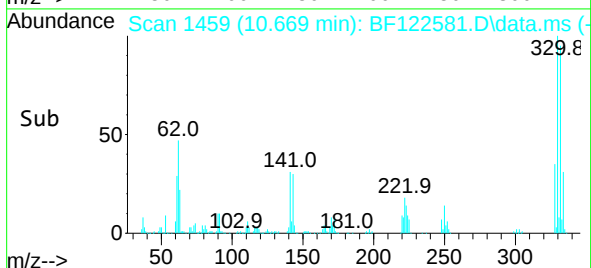
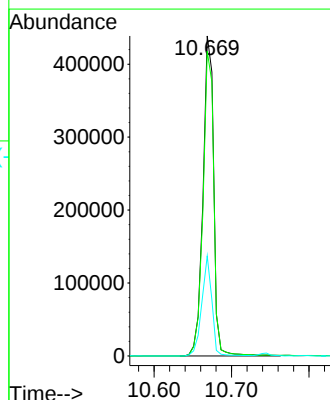
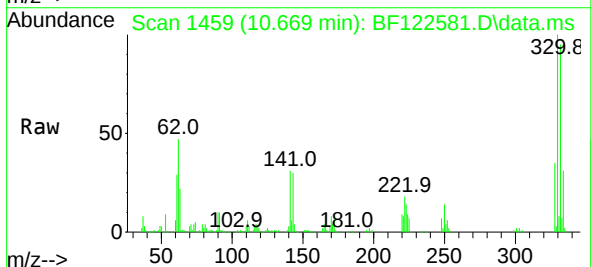
Manual Integrations
APPROVED

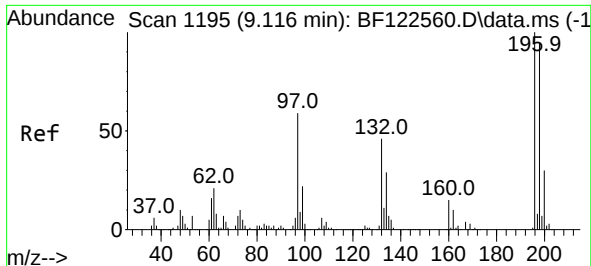
mohammad
12/8/2020 2:06:14 PM



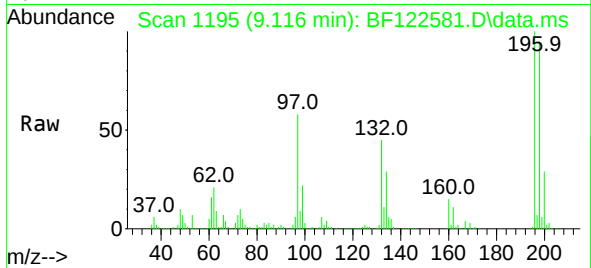
#42
2,4,6-Tribromophenol
Concen: 87.21 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:330 Resp: 421354
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 29.3 23.8 35.8

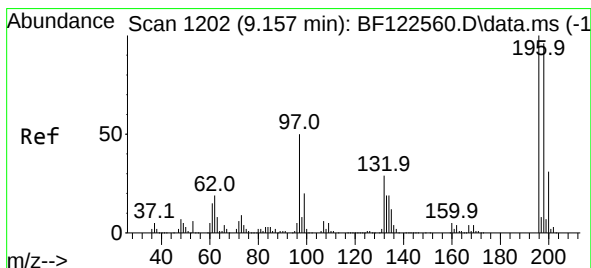
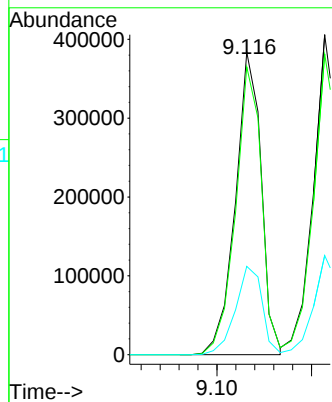
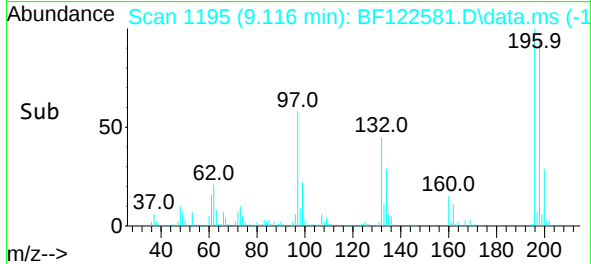




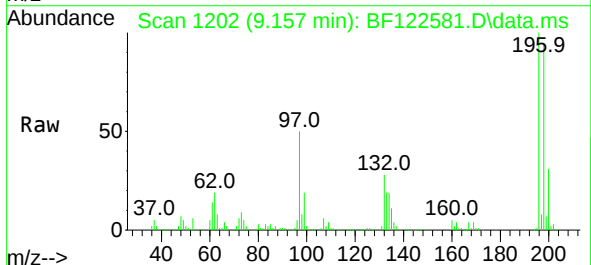
#43
2,4,6-Trichlorophenol
Concen: 42.96 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



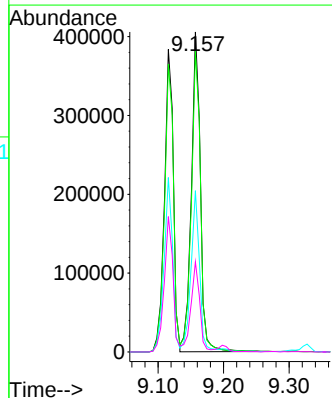
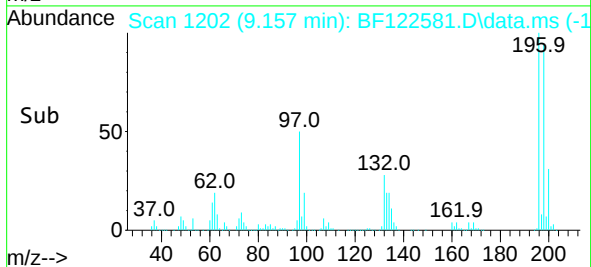
Tgt Ion:196 Resp: 362755
Ion Ratio Lower Upper
196 100
198 95.1 75.1 112.7
200 29.2 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 44.54 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



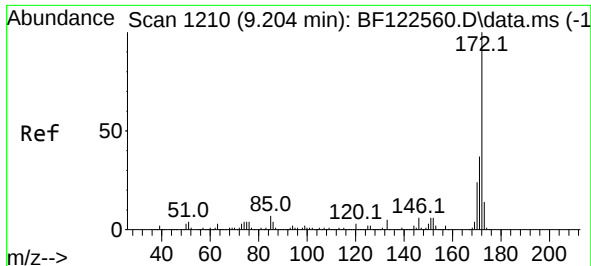
Tgt Ion:196 Resp: 388776
Ion Ratio Lower Upper
196 100
198 93.9 76.5 114.7
97 50.4 40.1 60.1
132 28.2 23.3 34.9



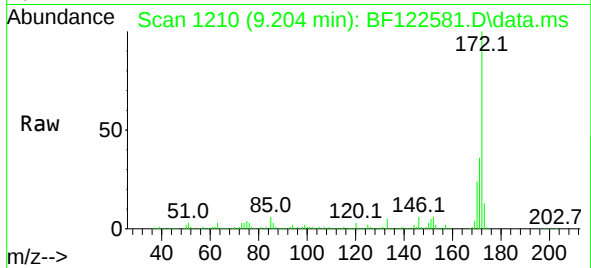
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

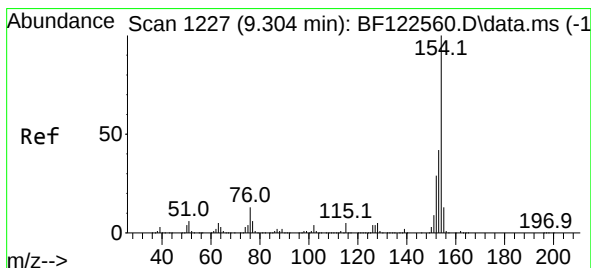
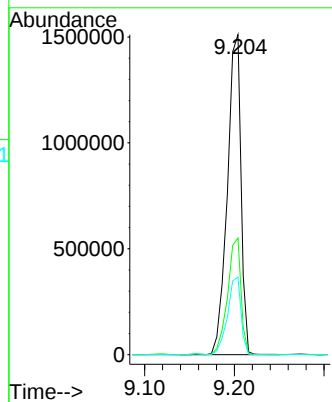
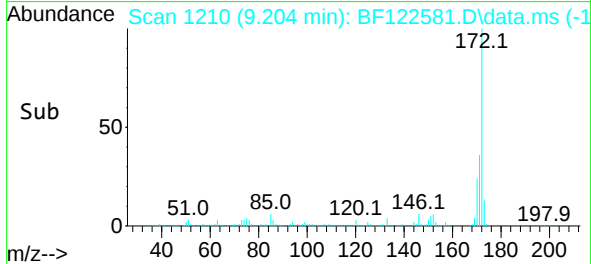
mohammad
12/8/2020 2:06:14 PM



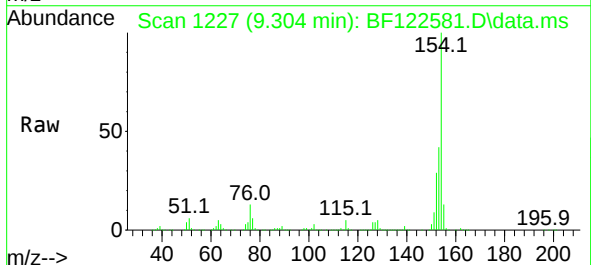
#45
2-Fluorobiphenyl
Concen: 58.48 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



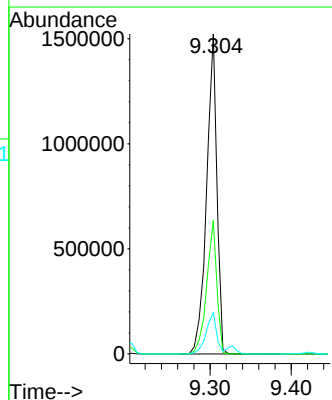
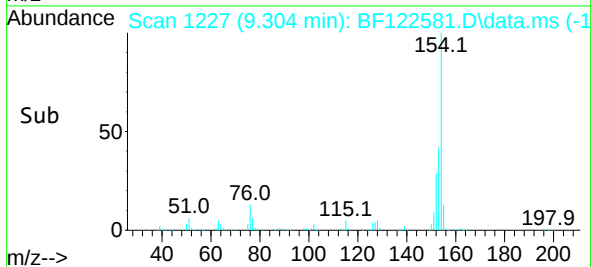
Tgt Ion:172 Resp: 1595869
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 43.65 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



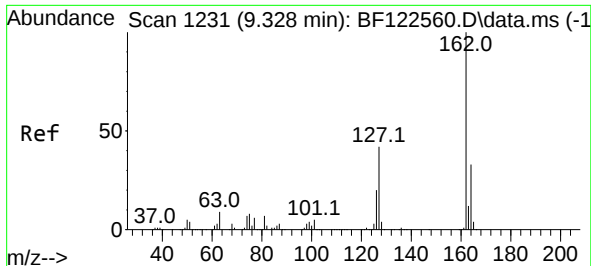
Tgt Ion:154 Resp: 1337263
Ion Ratio Lower Upper
154 100
153 41.7 21.8 61.8
76 13.0 0.0 33.4



Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



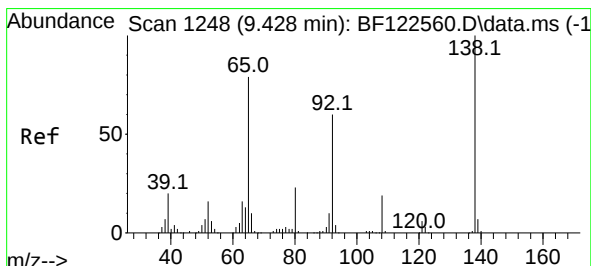
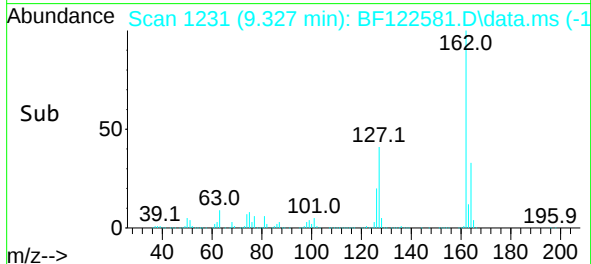
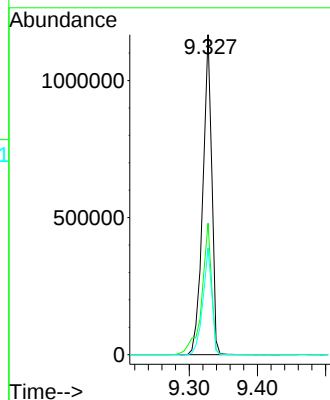
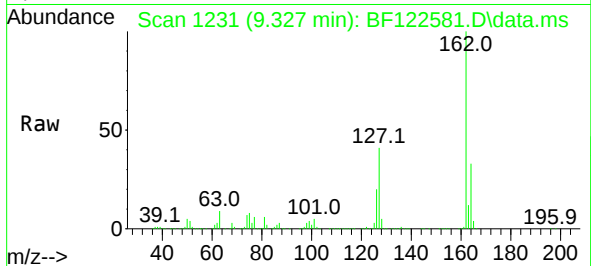
#47
2-Chloronaphthalene
Concen: 42.16 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:162 Resp: 1070144
Ion Ratio Lower Upper
162 100
127 41.1 33.8 50.8
164 33.4 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

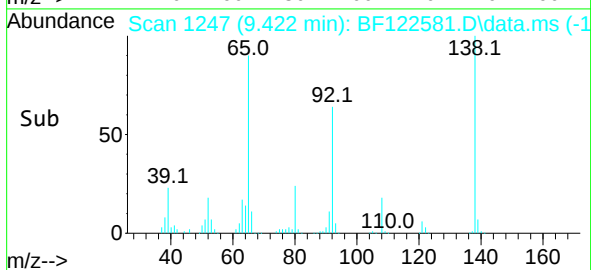
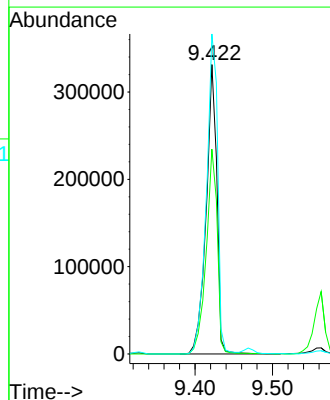
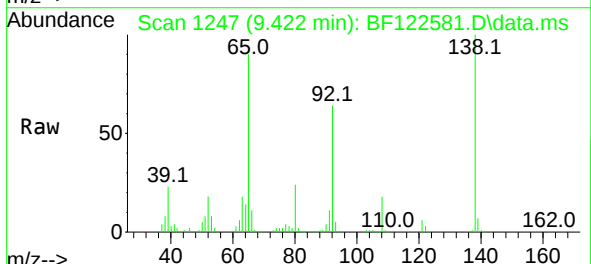
Manual Integrations
APPROVED

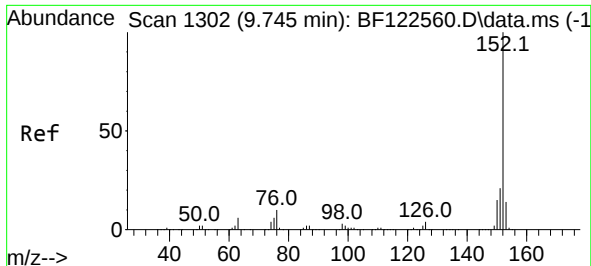
mohammad
12/8/2020 2:06:14 PM



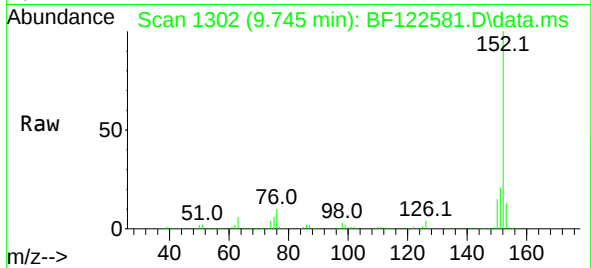
#48
2-Nitroaniline
Concen: 43.17 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion: 65 Resp: 319441
Ion Ratio Lower Upper
65 100
92 70.8 60.0 90.0
138 110.6 100.6 151.0



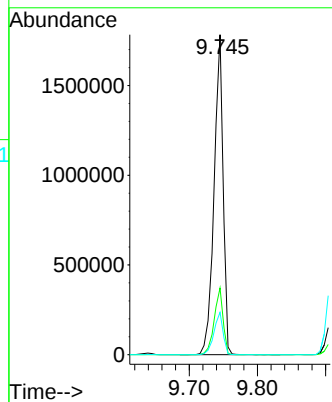
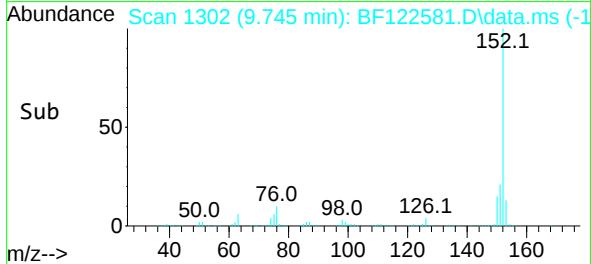


#49
Acenaphthylene
Concen: 44.01 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:152 Resp: 1649939

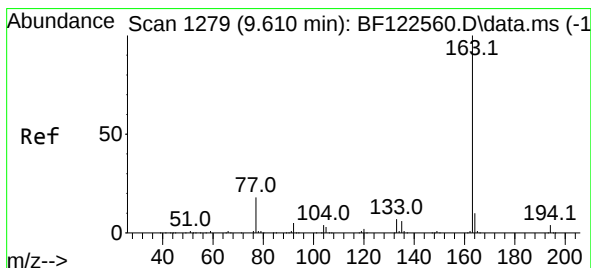
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0
153	13.3	10.9	16.3



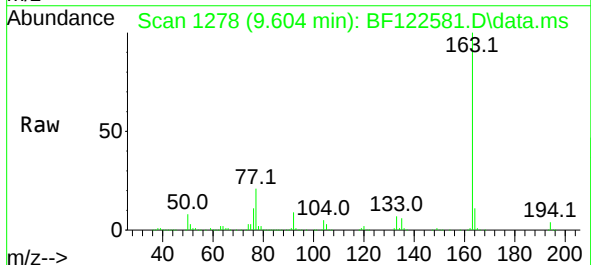
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM

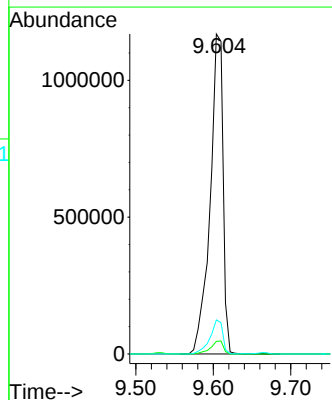
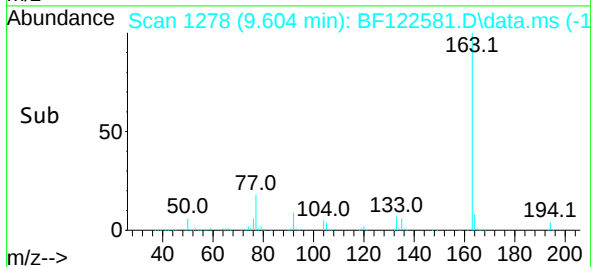


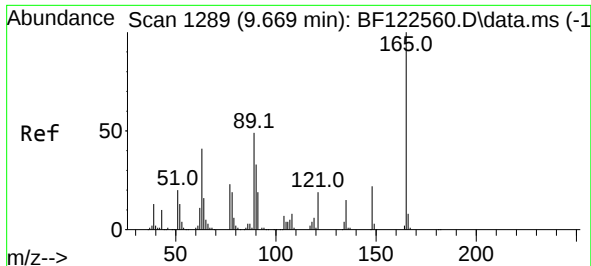
#50
Dimethylphthalate
Concen: 46.05 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:163 Resp: 1357527

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.7	8.1	12.1





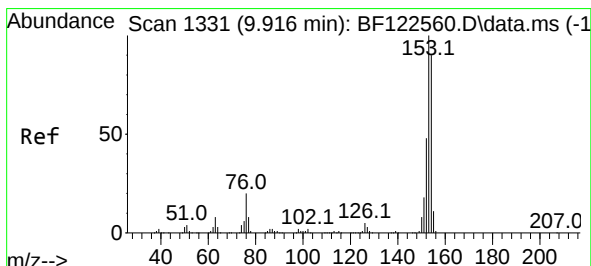
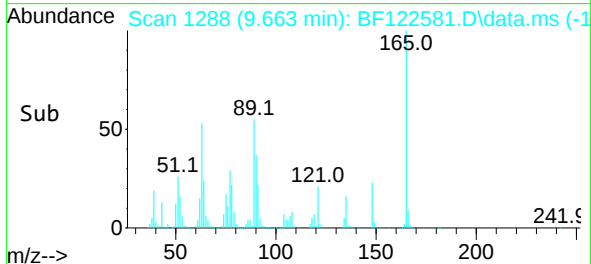
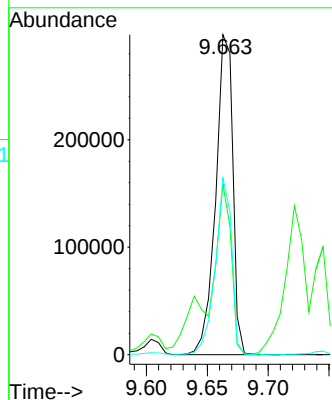
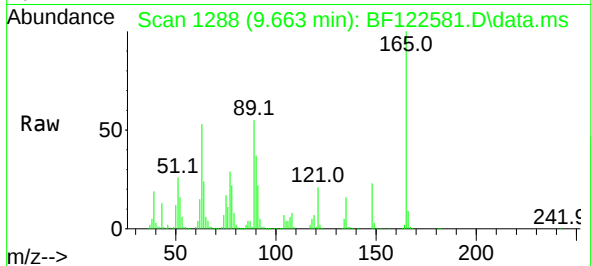
#51
2,6-Dinitrotoluene
Concen: 47.11 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:165 Resp: 293308
Ion Ratio Lower Upper
165 100
63 53.3 36.6 55.0
89 55.2 39.4 59.0

Instrument :
BNA_F
ClientSampled :
RO-275MSD

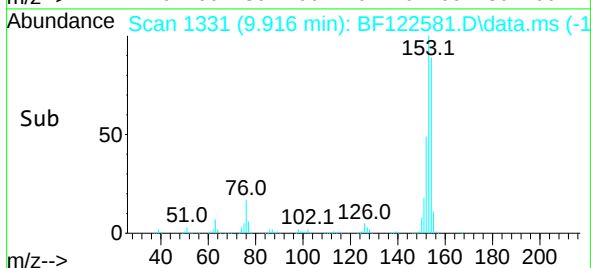
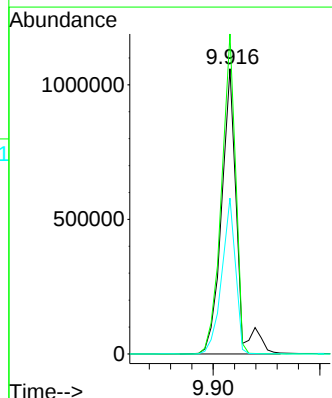
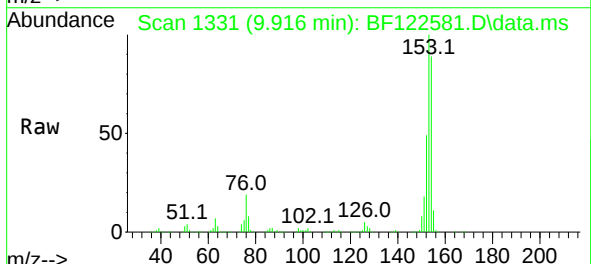
Manual Integrations
APPROVED

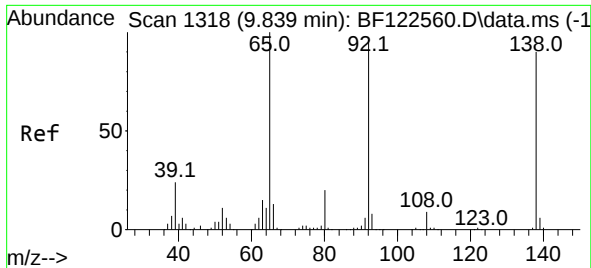
mohammad
12/8/2020 2:06:14 PM



#52
Acenaphthene
Concen: 43.43 ng m
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:154 Resp: 1053433
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.6
152 54.6 42.7 64.1





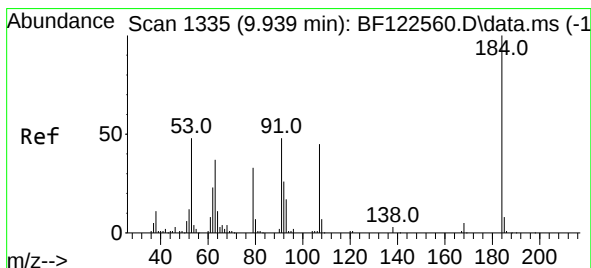
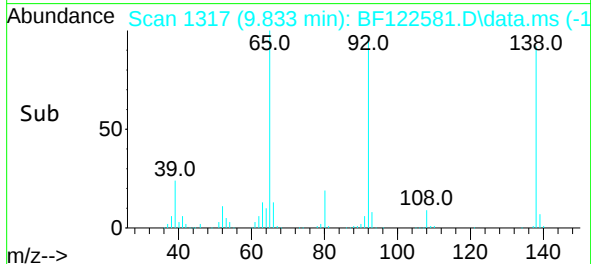
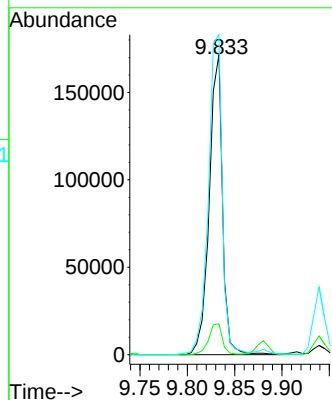
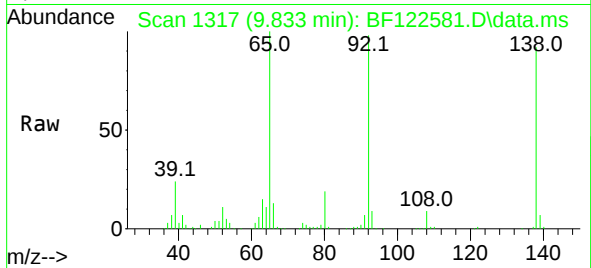
#53
3-Nitroaniline
Concen: 23.22 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:138 Resp: 167033
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.2
92 106.6 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

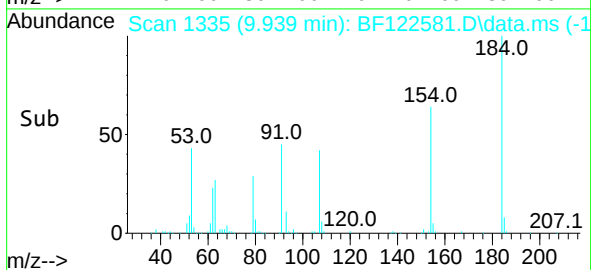
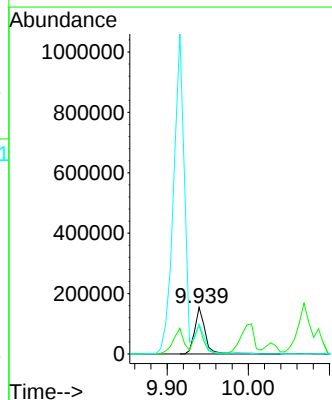
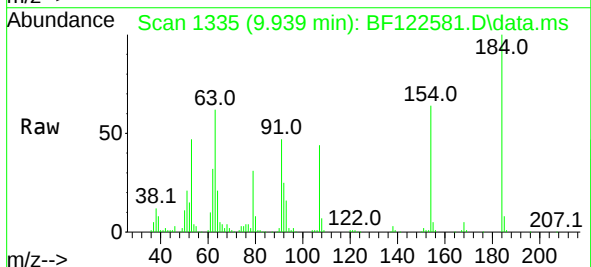
Manual Integrations
APPROVED

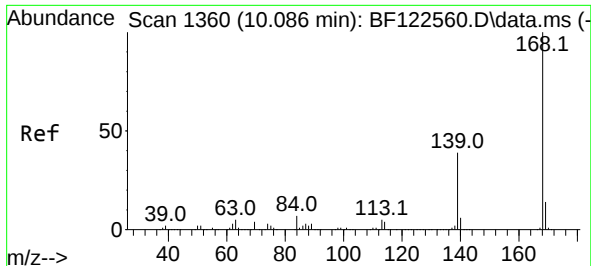
mohammad
12/8/2020 2:06:14 PM



#54
2,4-Dinitrophenol
Concen: 45.61 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:184 Resp: 138821
Ion Ratio Lower Upper
184 100
63 62.4 51.4 77.2
154 63.8 49.7 74.5





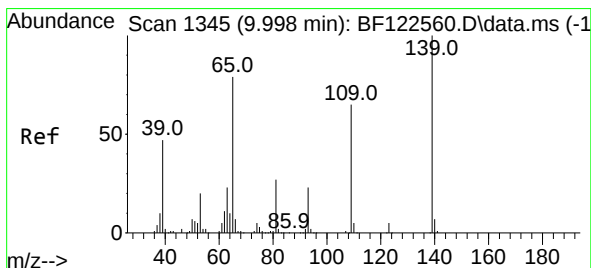
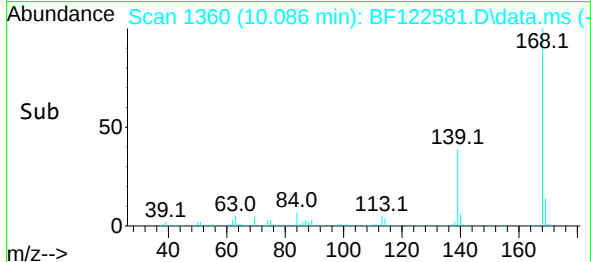
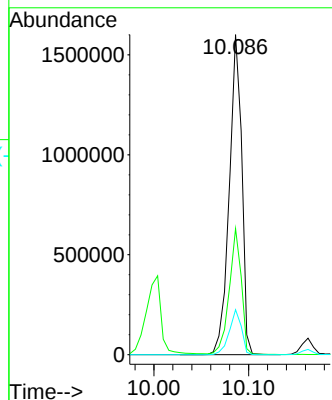
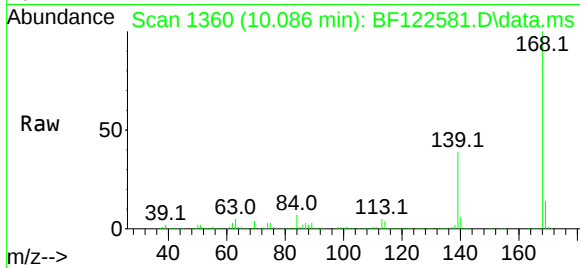
#55
Dibenzofuran
Concen: 43.17 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:168 Resp: 1473003
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 14.1 11.2 16.8

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

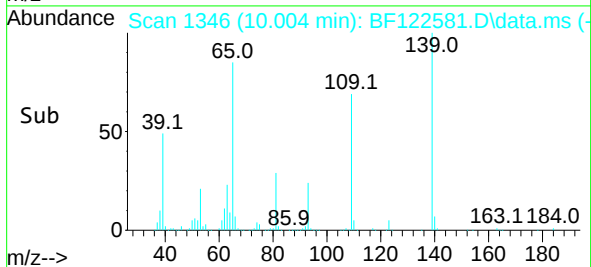
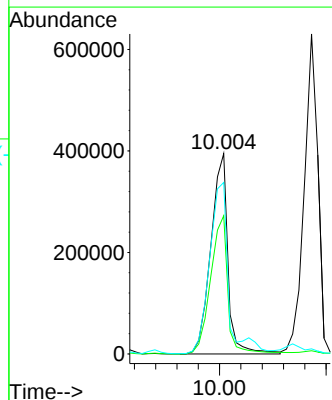
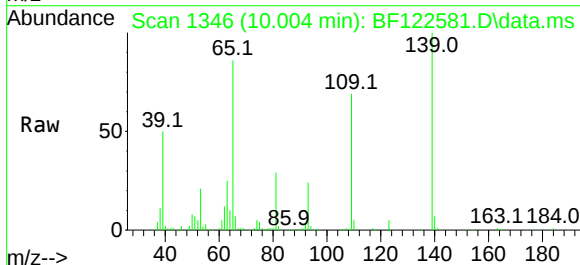
Manual Integrations
APPROVED

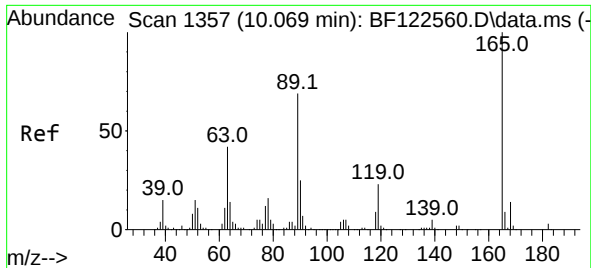
mohammad
12/8/2020 2:06:14 PM



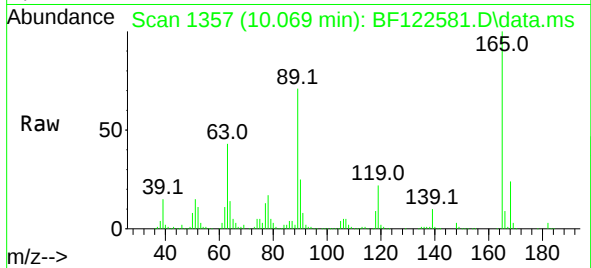
#56
4-Nitrophenol
Concen: 85.76 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:139 Resp: 439916
Ion Ratio Lower Upper
139 100
109 69.0 45.1 85.1
65 85.6 59.2 99.2

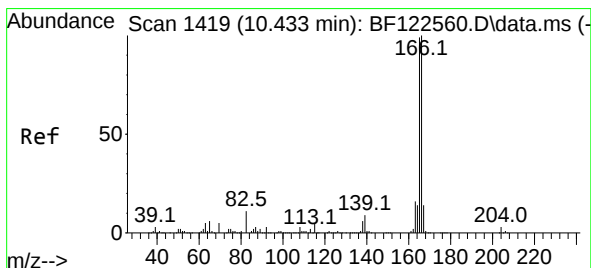
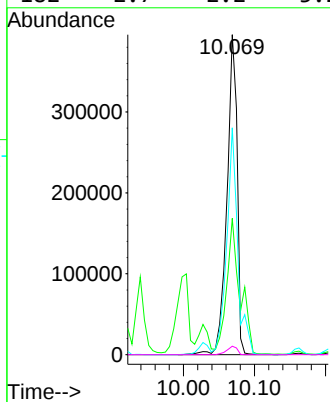
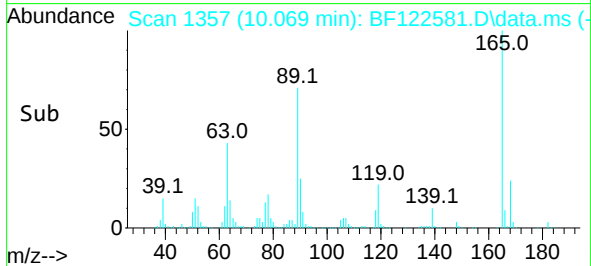




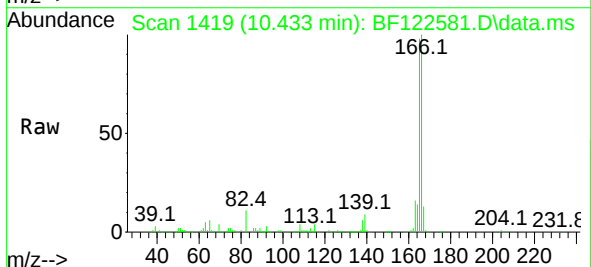
#57
2,4-Dinitrotoluene
Concen: 47.51 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



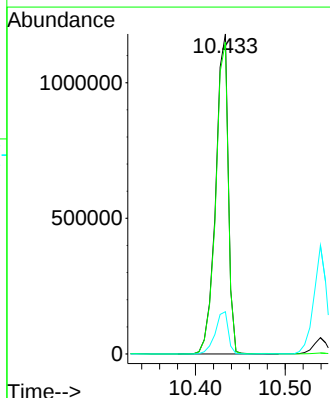
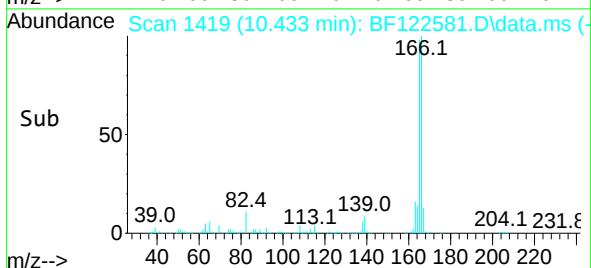
Tgt Ion:165 Resp: 393986
Ion Ratio Lower Upper
165 100
63 42.6 34.3 51.5
89 70.9 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 42.16 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



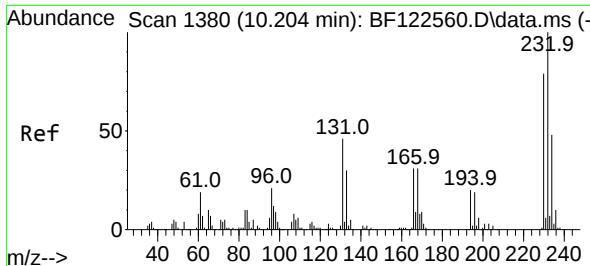
Tgt Ion:166 Resp: 1144050
Ion Ratio Lower Upper
166 100
165 97.5 79.4 119.0
167 13.2 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



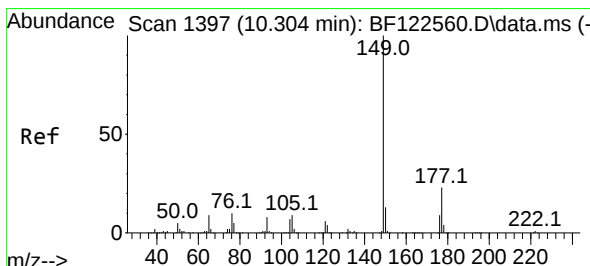
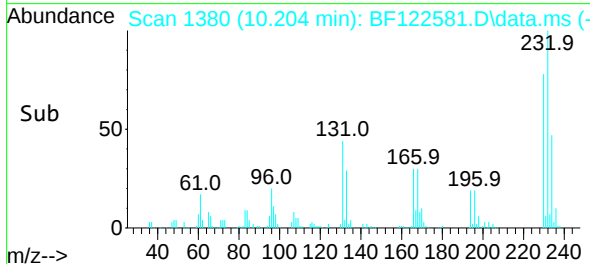
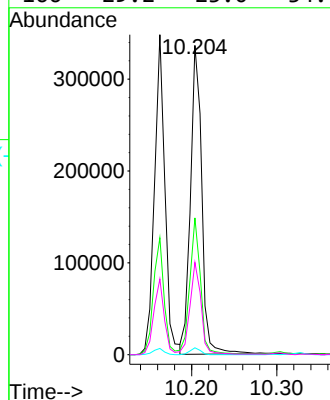
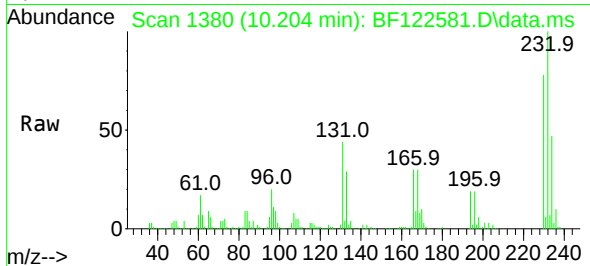
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.44 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:232 Resp: 310133
Ion Ratio Lower Upper
232 100
131 41.9 33.0 49.4
130 2.1 1.7 2.5
166 29.2 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

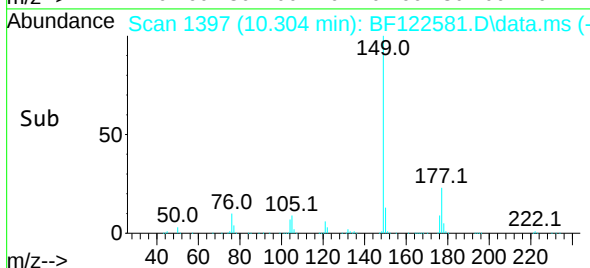
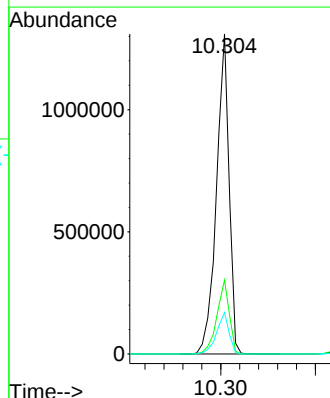
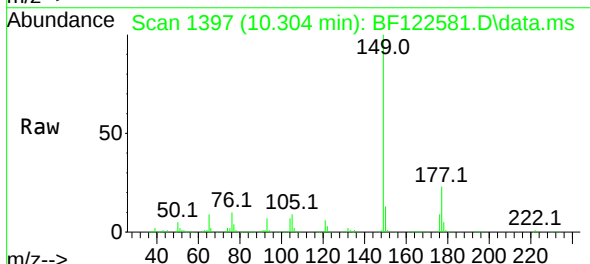
Manual Integrations
APPROVED

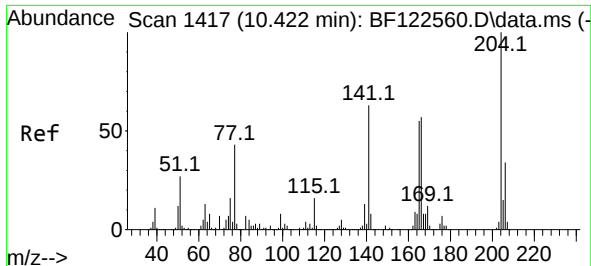
mohammad
12/8/2020 2:06:14 PM



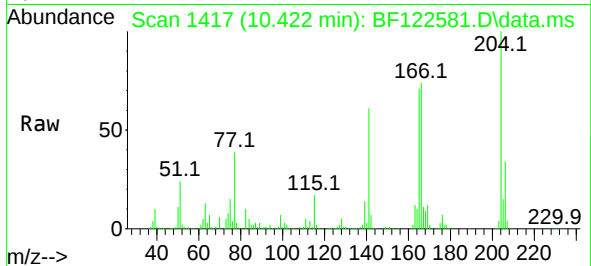
#60
Diethylphthalate
Concen: 42.40 ng
RT: 10.304 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:149 Resp: 1215706
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 13.0 10.1 15.1

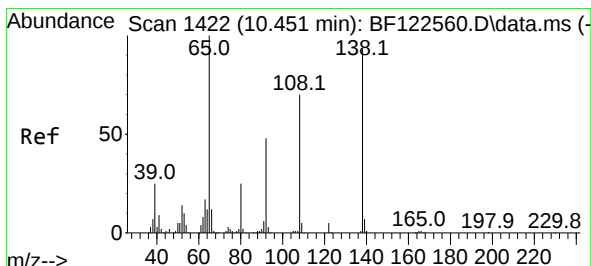
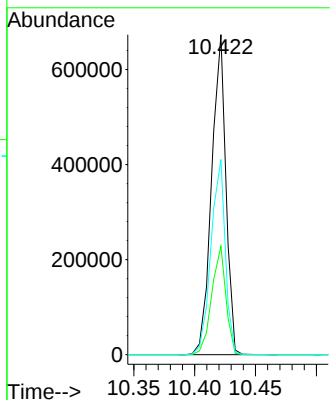
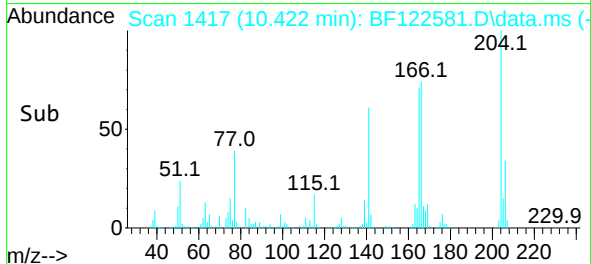




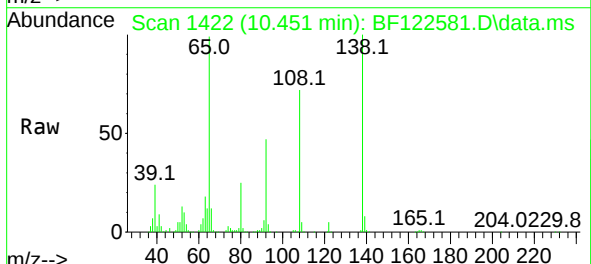
#61
4-Chlorophenyl-phenylether
Concen: 41.04 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



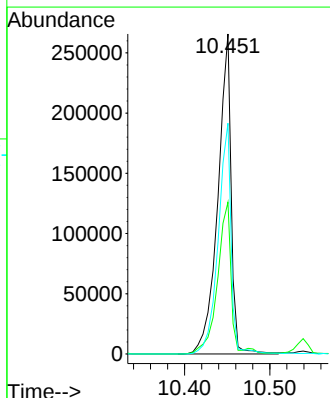
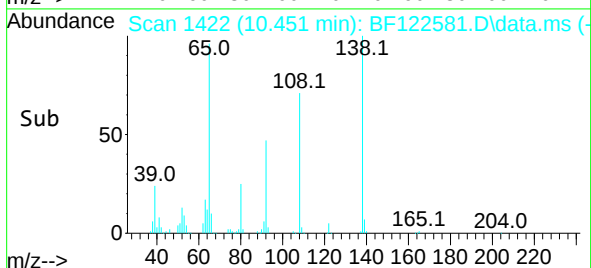
Tgt Ion:204 Resp: 548269
Ion Ratio Lower Upper
204 100
206 33.9 27.0 40.4
141 61.0 50.4 75.6



#62
4-Nitroaniline
Concen: 39.63 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



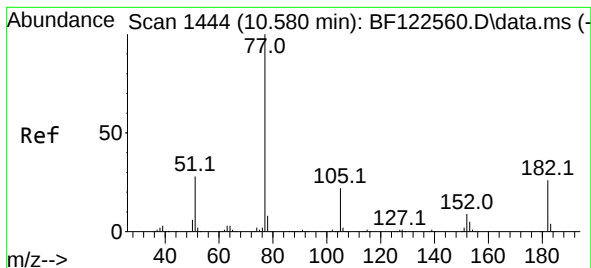
Tgt Ion:138 Resp: 289419
Ion Ratio Lower Upper
138 100
92 47.4 31.0 71.0
108 72.1 54.8 94.8



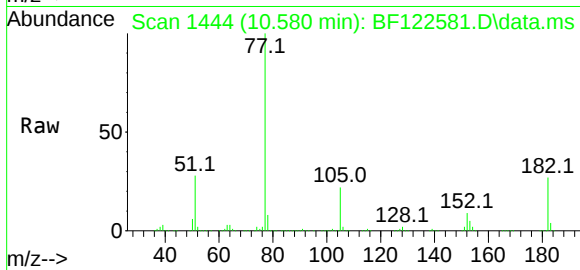
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM

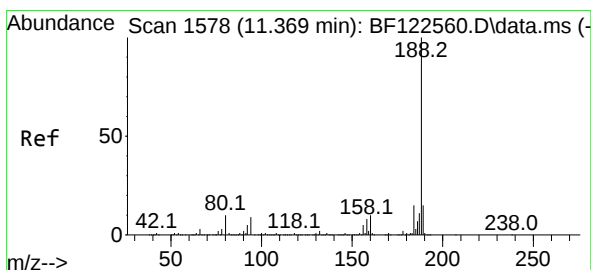
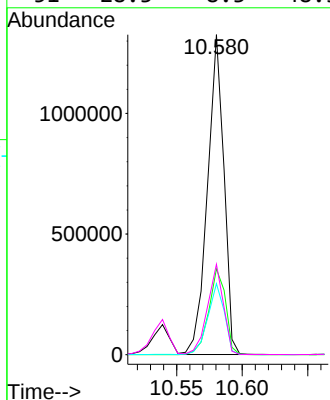
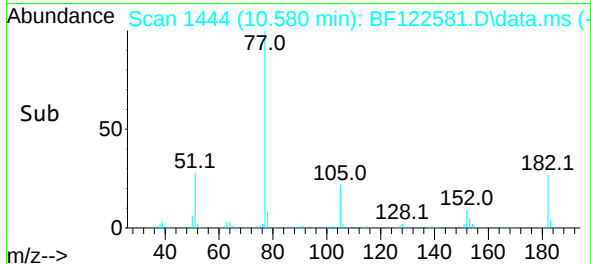


#63
Azobenzene
Concen: 43.91 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

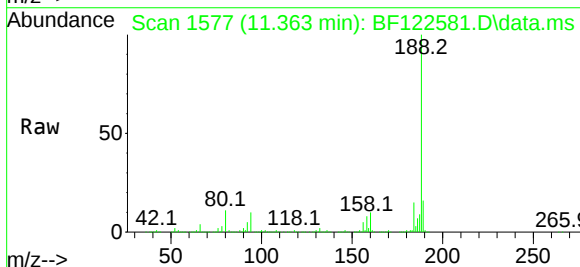


Tgt Ion: 77 Resp: 1157222

Ion	Ratio	Lower	Upper
77	100		
182	26.8	5.6	45.6
105	22.2	1.8	41.8
51	28.3	8.3	48.3

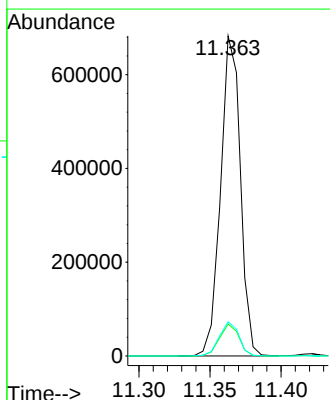
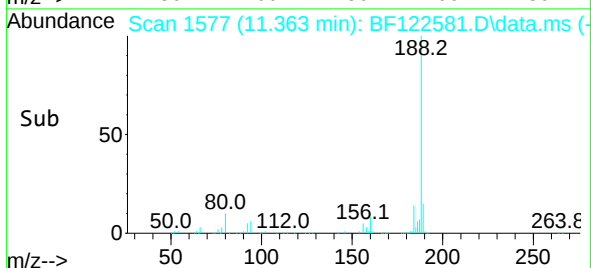


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion: 188 Resp: 660481

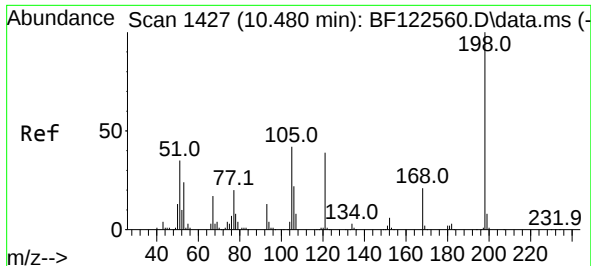
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.2
80	10.7	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



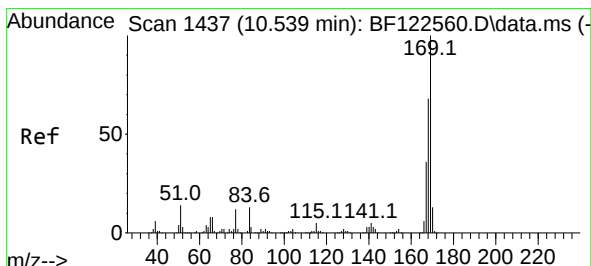
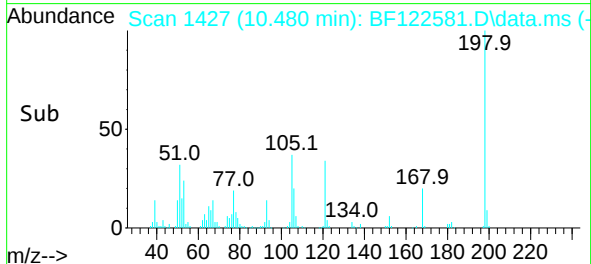
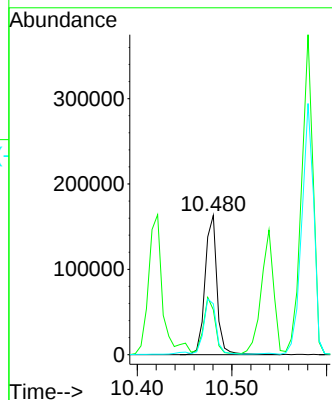
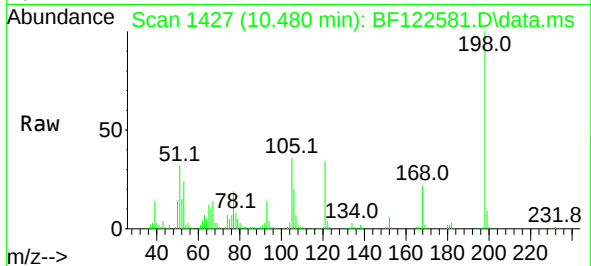
#65
4,6-Dinitro-2-methylphenol
Concen: 35.43 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:198 Resp: 142685
Ion Ratio Lower Upper
198 100
51 32.3 20.3 60.3
105 36.5 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

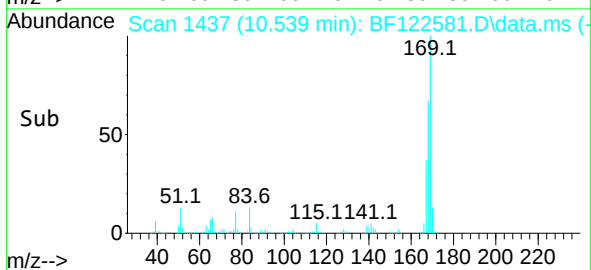
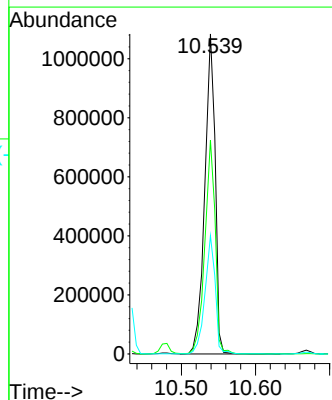
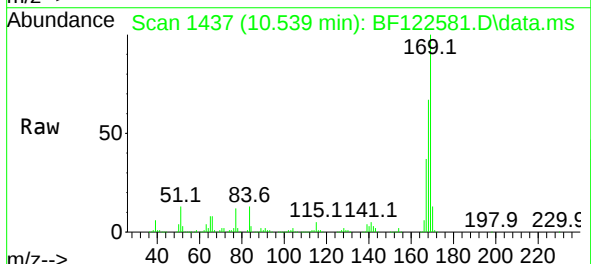
Manual Integrations
APPROVED

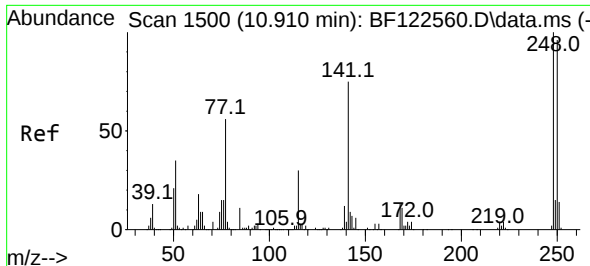
mohammad
12/8/2020 2:06:14 PM



#66
n-Nitrosodiphenylamine
Concen: 45.31 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

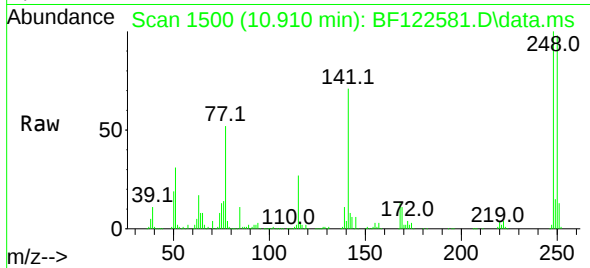
Tgt Ion:169 Resp: 1057323
Ion Ratio Lower Upper
169 100
168 66.8 54.2 81.2
167 37.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 42.43 ng
RT: 10.910 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

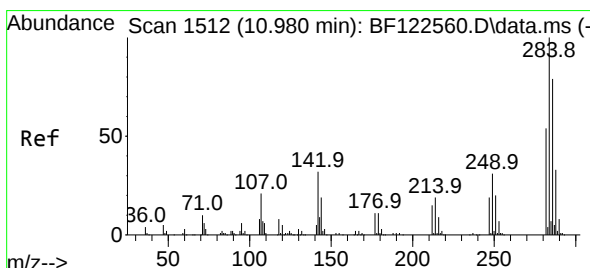
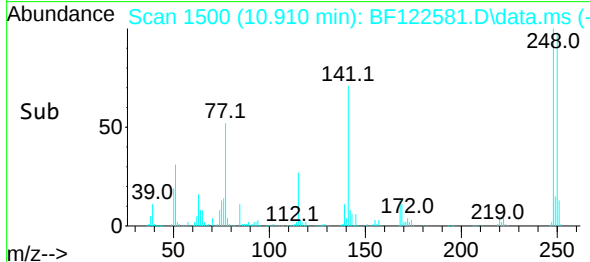
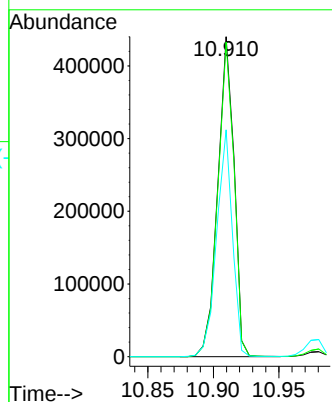
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



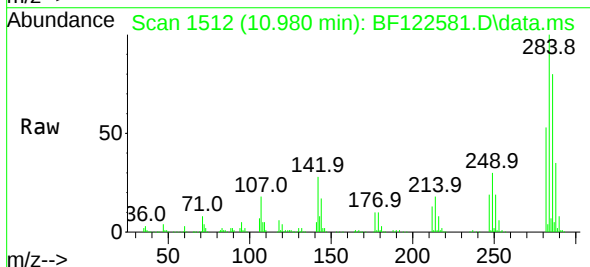
Tgt Ion:248 Resp: 379724
Ion Ratio Lower Upper
248 100
250 98.3 76.8 115.2
141 70.9 59.8 89.8

Manual Integrations
APPROVED

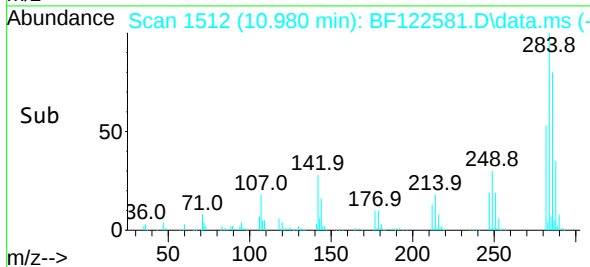
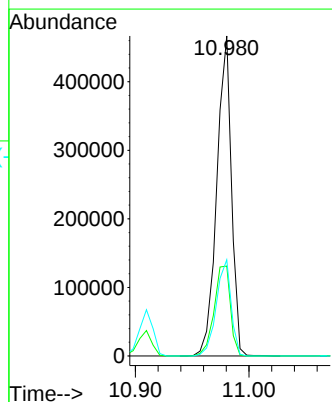
mohammad
12/8/2020 2:06:14 PM

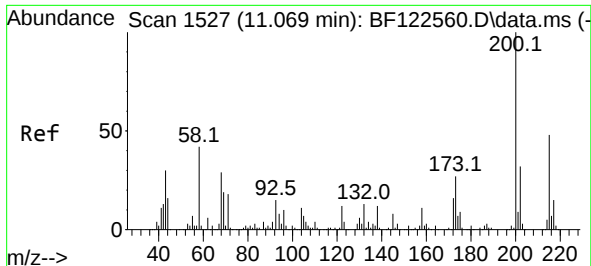


#68
Hexachlorobenzene
Concen: 42.32 ng
RT: 10.980 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

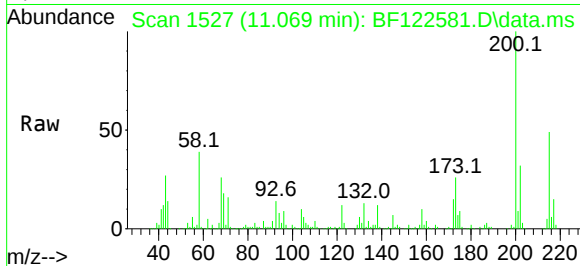


Tgt Ion:284 Resp: 418738
Ion Ratio Lower Upper
284 100
142 28.1 25.6 38.4
249 30.1 25.1 37.7

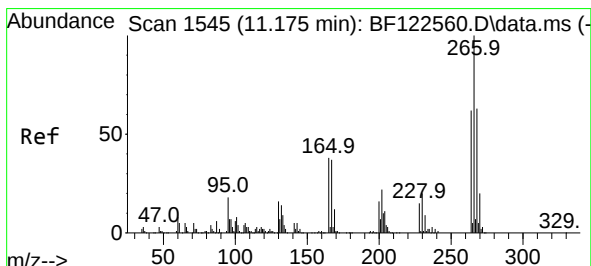
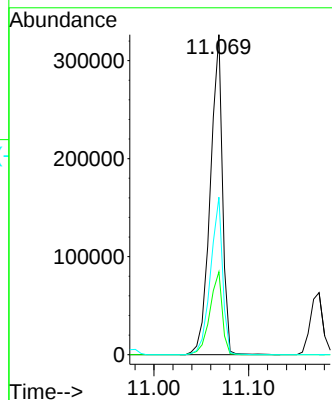
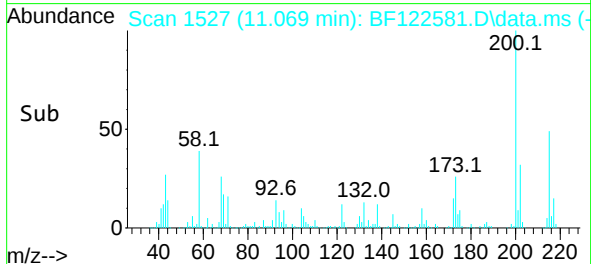




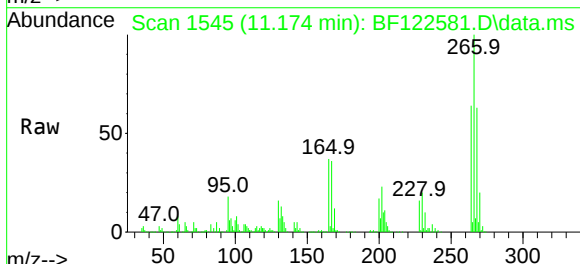
#69
Atrazine
Concen: 38.23 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



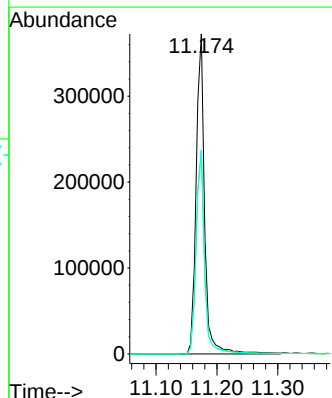
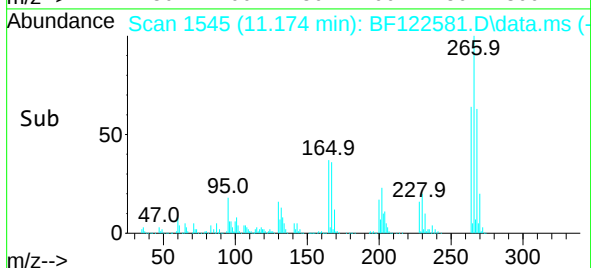
Tgt Ion:200 Resp: 289724
Ion Ratio Lower Upper
200 100
173 25.9 6.6 46.6
215 49.2 28.1 68.1



#70
Pentachlorophenol
Concen: 68.80 ng
RT: 11.174 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



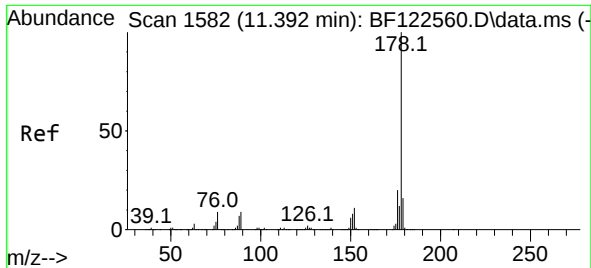
Tgt Ion:266 Resp: 360634
Ion Ratio Lower Upper
266 100
268 63.5 50.5 75.7
264 63.8 49.8 74.8



Instrument :
BNA_F
ClientSampled :
RO-275MSD

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



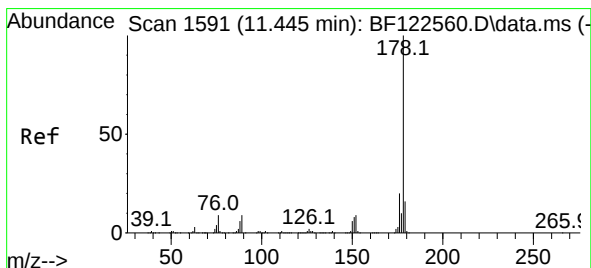
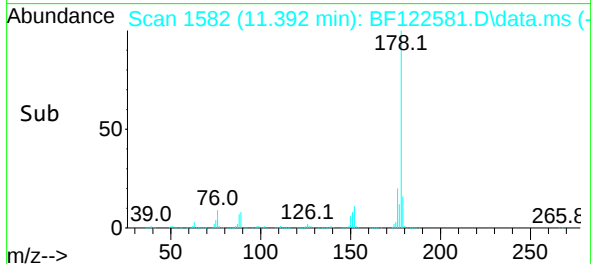
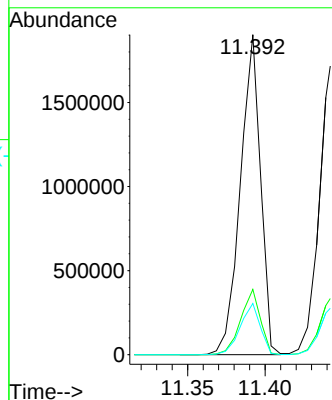
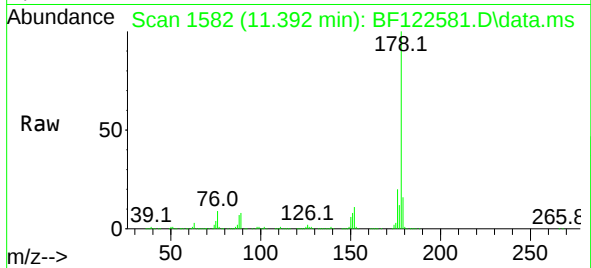
#71
Phenanthrene
Concen: 43.87 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:178 Resp: 1722059
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.0 12.7 19.1

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

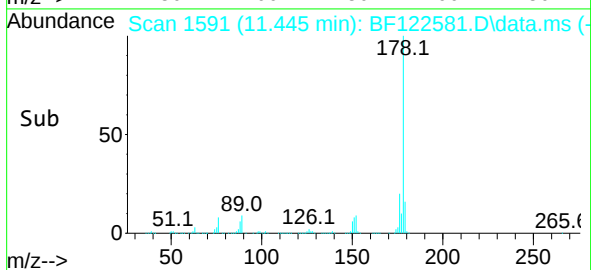
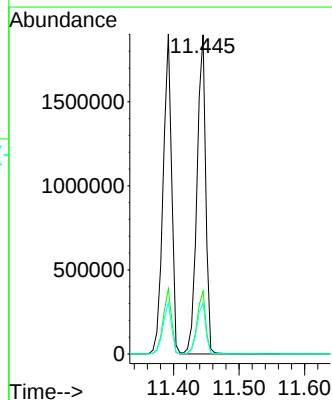
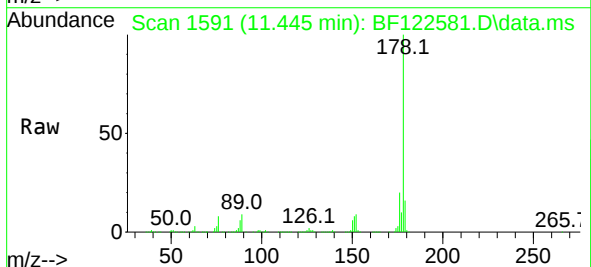
Manual Integrations
APPROVED

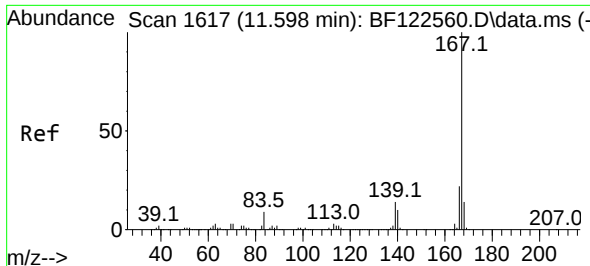
mohammad
12/8/2020 2:06:14 PM



#72
Anthracene
Concen: 45.17 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

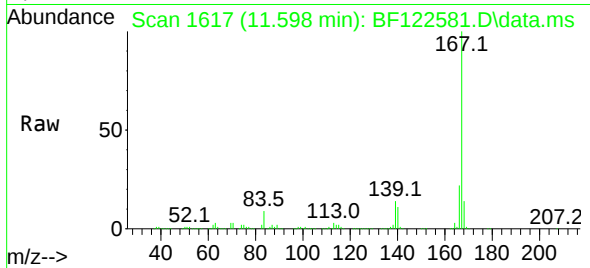
Tgt Ion:178 Resp: 1758009
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.8 19.2





#73
 Carbazole
 Concen: 43.92 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01

Instrument :
 BNA_F
 ClientSampleId :
 RO-275MSD

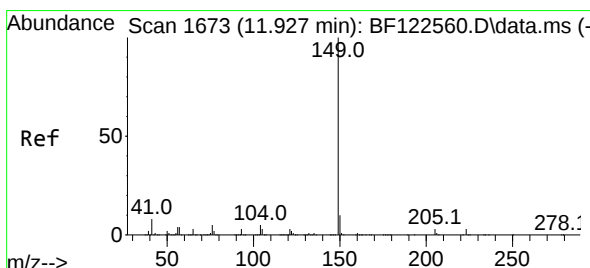
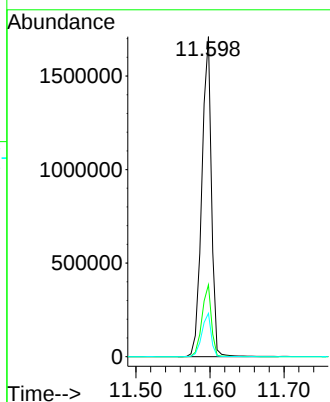
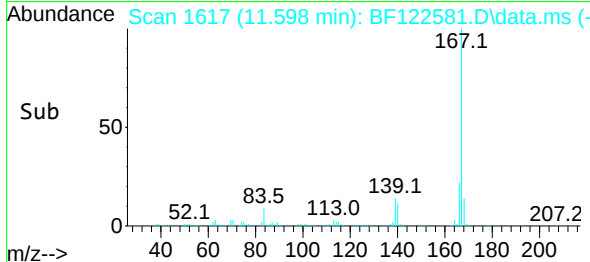


Tgt Ion:167 Resp: 1550514

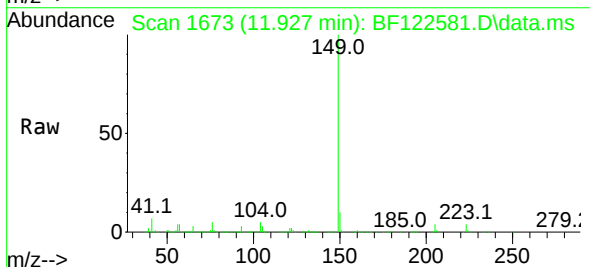
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.5	10.9	16.3

Manual Integrations
 APPROVED

mohammad
 12/8/2020 2:06:14 PM

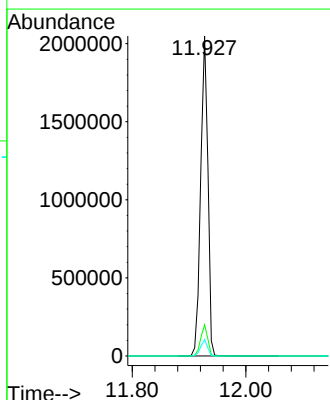
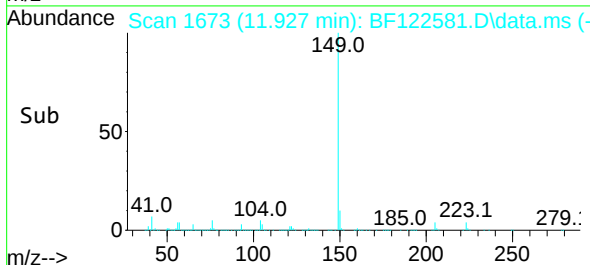


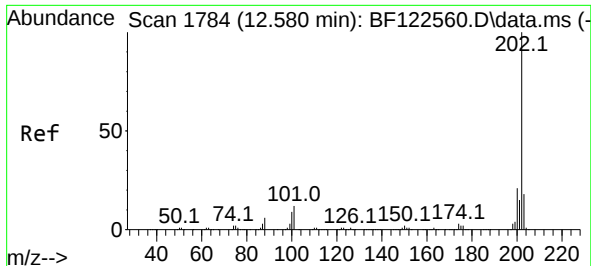
#74
 Di-n-butylphthalate
 Concen: 40.79 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. -0.000 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01



Tgt Ion:149 Resp: 1809310

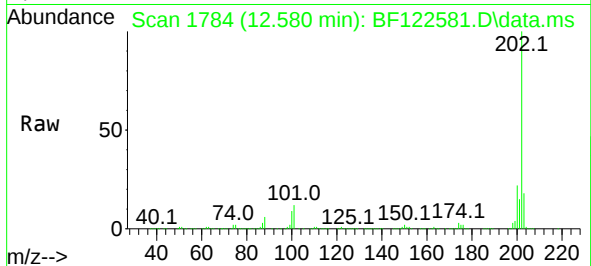
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.1	4.2	6.4





#75
Fluoranthene
Concen: 42.85 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

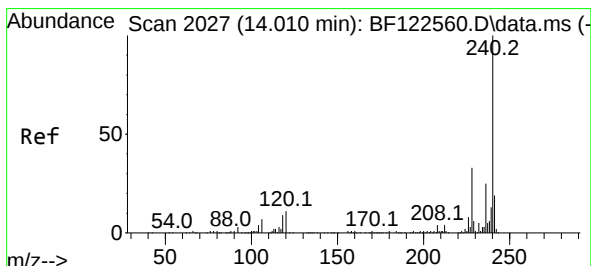
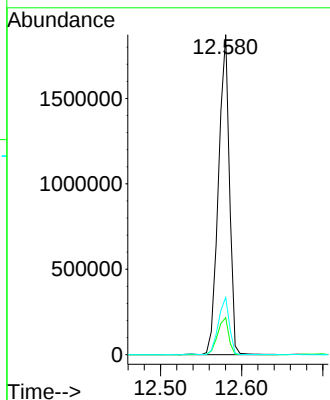
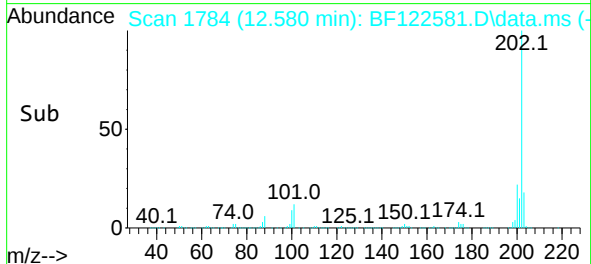
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



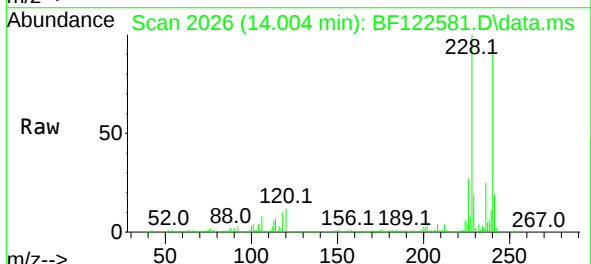
Tgt Ion:202 Resp: 1763921
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.2
203 17.9 0.0 38.1

Manual Integrations
APPROVED

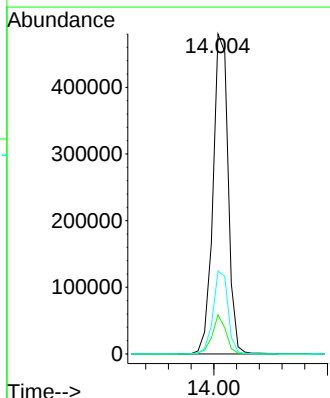
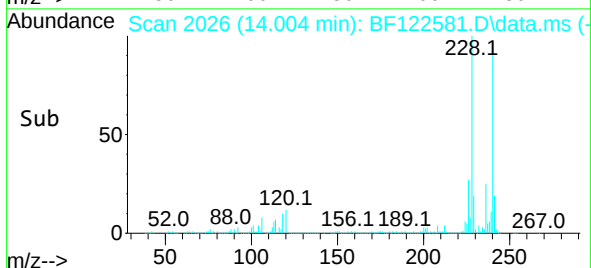
mohammad
12/8/2020 2:06:14 PM

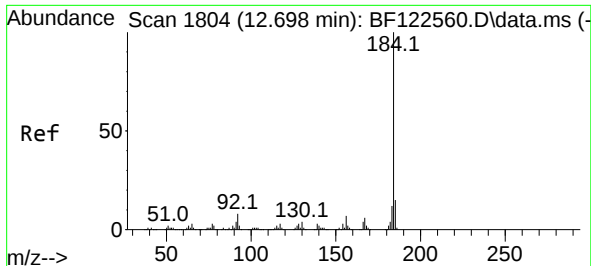


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:240 Resp: 444626
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.9 20.3 30.5





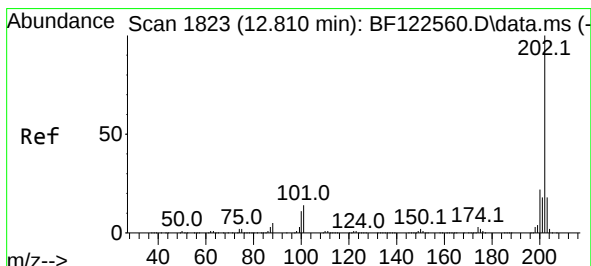
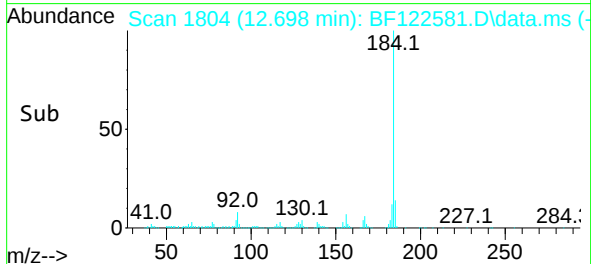
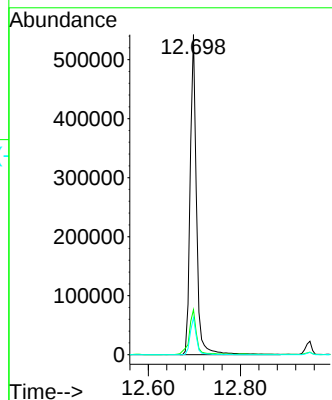
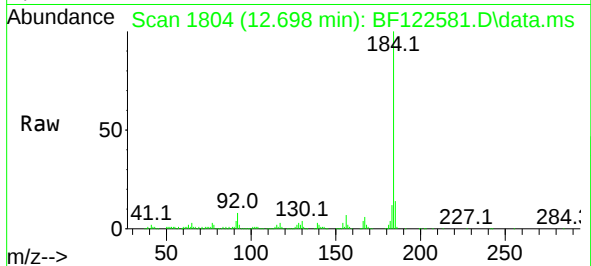
#77
Benzidine
Concen: 53.54 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:184 Resp: 514885
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.6 9.7 14.5

Instrument :
BNA_F
ClientSampleId :
RO-275MSD

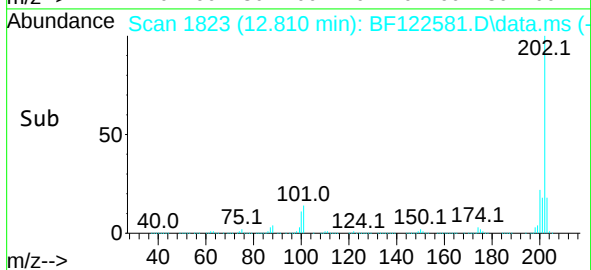
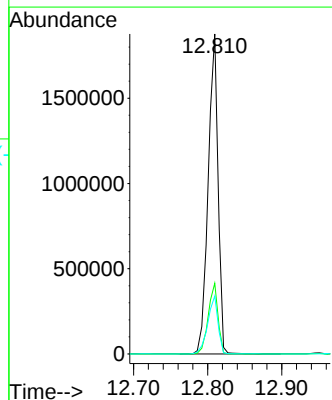
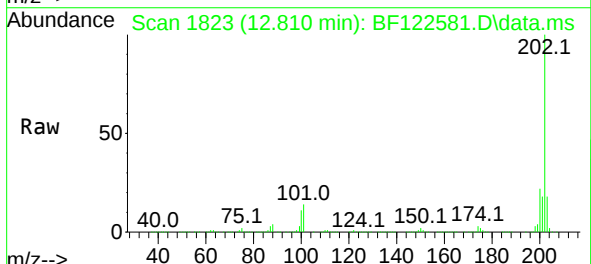
Manual Integrations
APPROVED

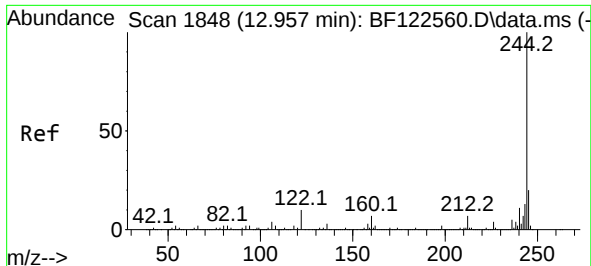
mohammad
12/8/2020 2:06:14 PM



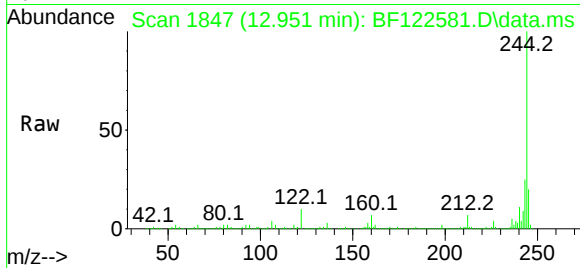
#78
Pyrene
Concen: 50.51 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

Tgt Ion:202 Resp: 1736195
Ion Ratio Lower Upper
202 100
200 22.1 17.6 26.4
203 18.1 14.6 21.8

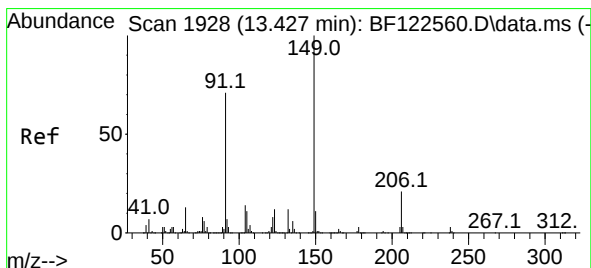
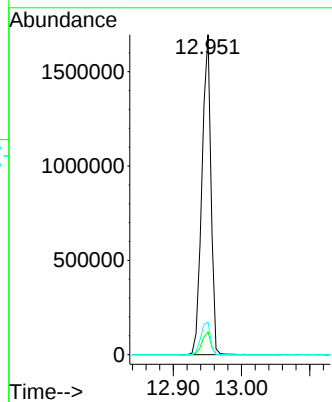
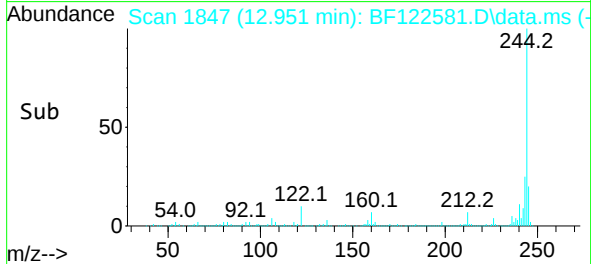




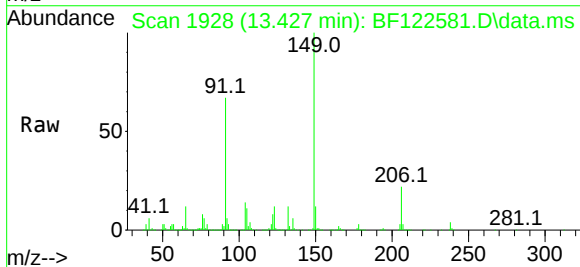
#79
Terphenyl-d14
Concen: 61.54 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



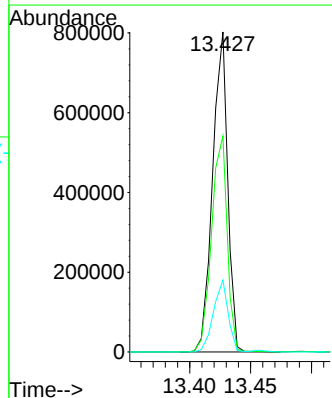
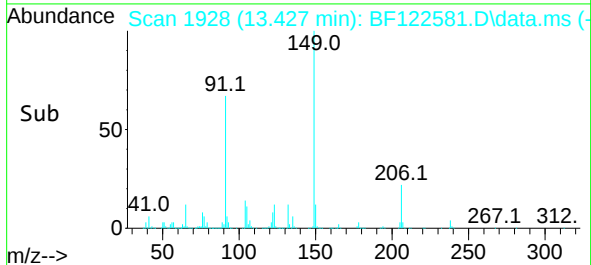
Tgt Ion:244 Resp: 1563223
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 8.3 12.5



#80
Butylbenzylphthalate
Concen: 44.50 ng
RT: 13.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



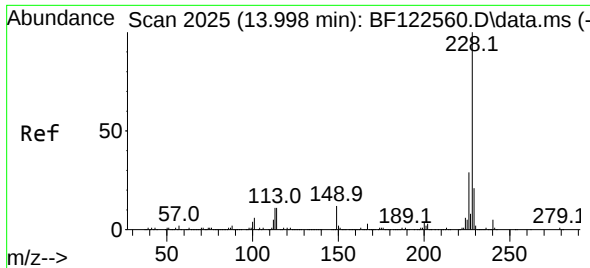
Tgt Ion:149 Resp: 689058
Ion Ratio Lower Upper
149 100
91 67.5 56.5 84.7
206 22.5 17.0 25.6



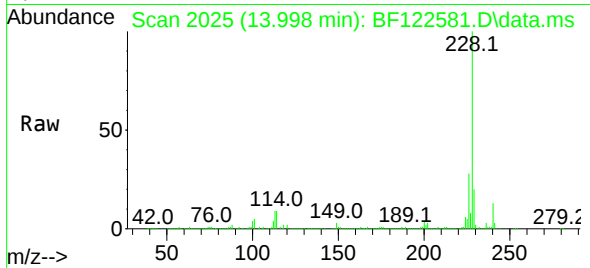
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

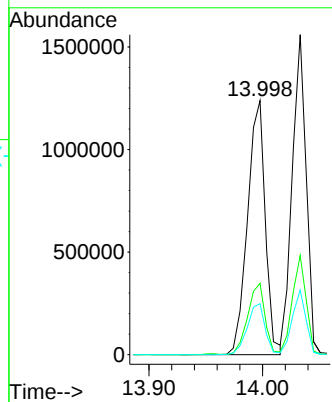
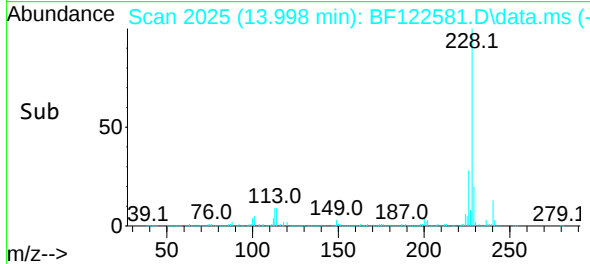
mohammad
12/8/2020 2:06:14 PM



#81
Benzo(a)anthracene
Concen: 45.36 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



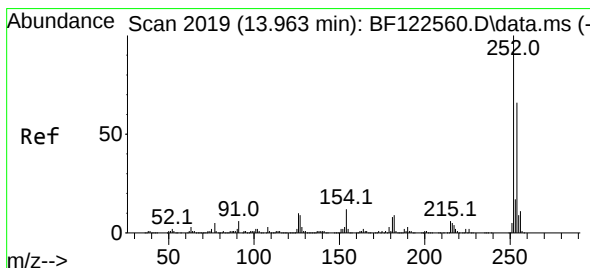
Tgt Ion:228 Resp: 1347711
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.4
229 20.1 16.6 24.8



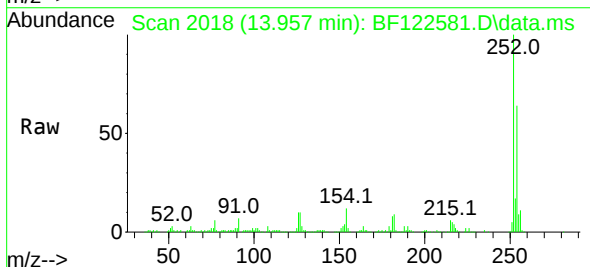
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

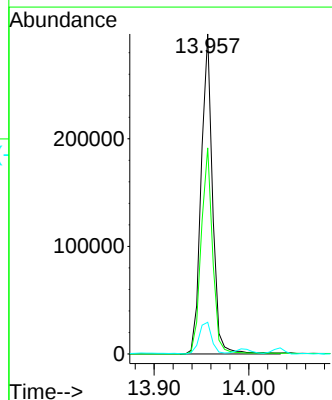
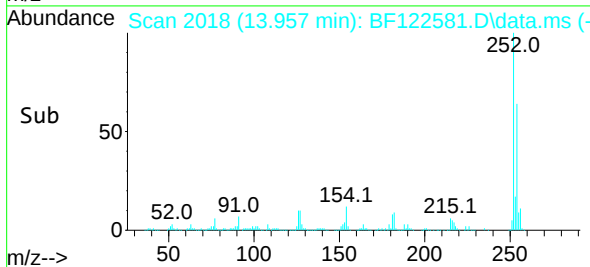
mohammad
12/8/2020 2:06:14 PM

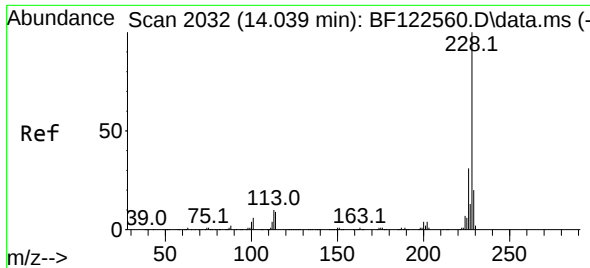


#82
3,3'-Dichlorobenzidine
Concen: 23.39 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

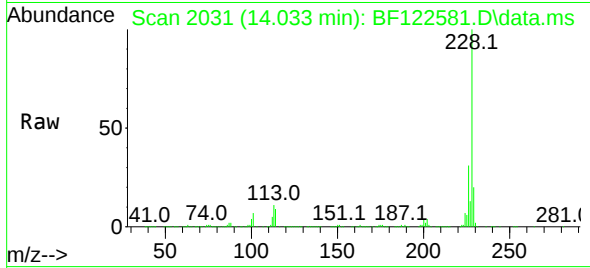


Tgt Ion:252 Resp: 248903
Ion Ratio Lower Upper
252 100
254 64.4 52.7 79.1
126 9.9 8.0 12.0





#83
 Chrysene
 Concen: 45.15 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01

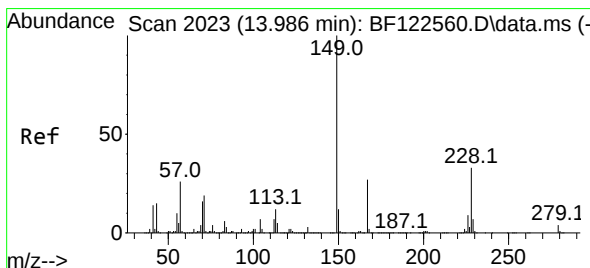
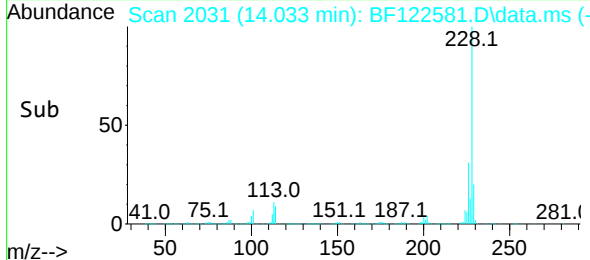
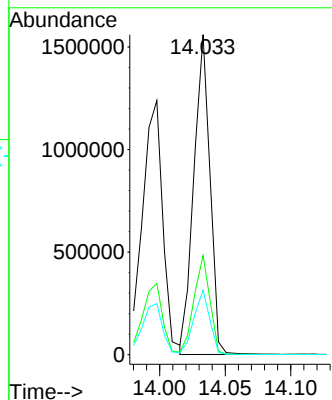


Tgt Ion:228 Resp: 1335163
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.6 36.8
 229 20.2 15.8 23.6

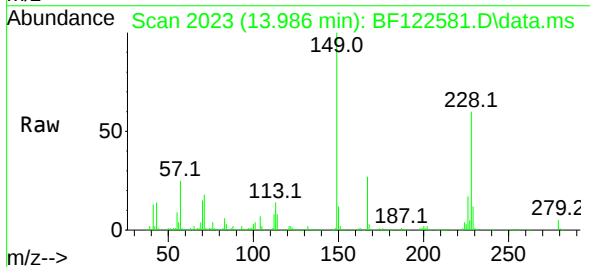
Instrument :
 BNA_F
 ClientSampleId :
 RO-275MSD

Manual Integrations
 APPROVED

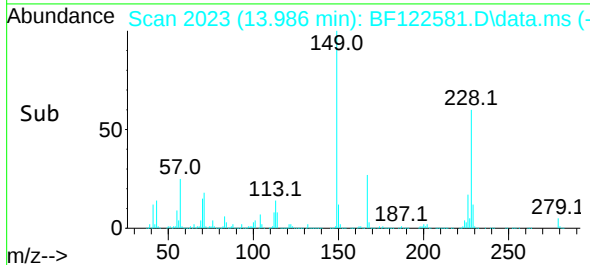
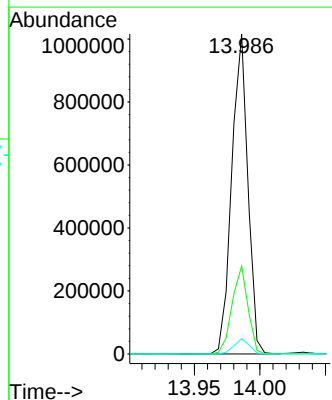
mohammad
 12/8/2020 2:06:14 PM

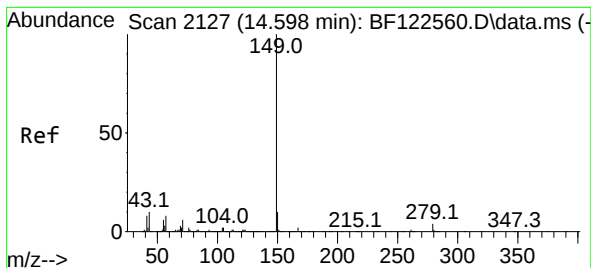


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.94 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. -0.000 min
 Lab File: BF122581.D
 Acq: 7 Dec 2020 20:01

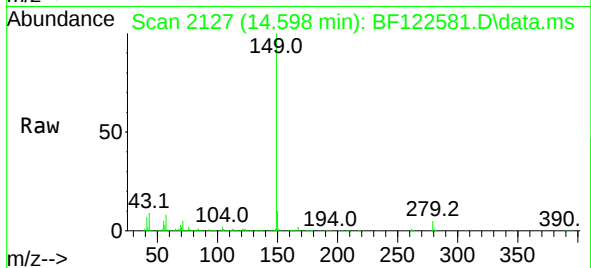


Tgt Ion:149 Resp: 868195
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.4 32.2
 279 4.8 3.4 5.0

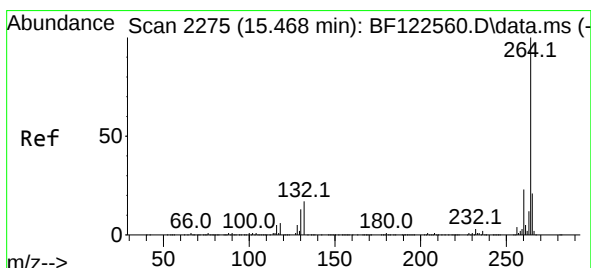
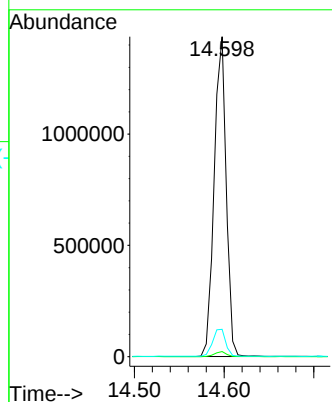
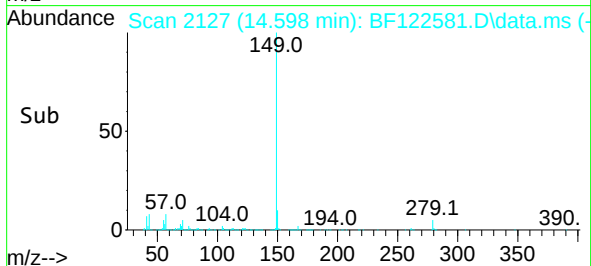




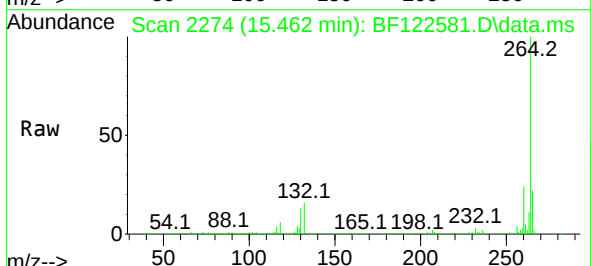
#85
Di-n-octyl phthalate
Concen: 38.07 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



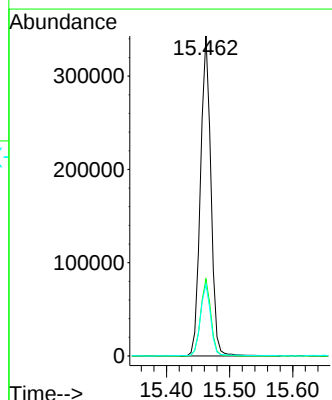
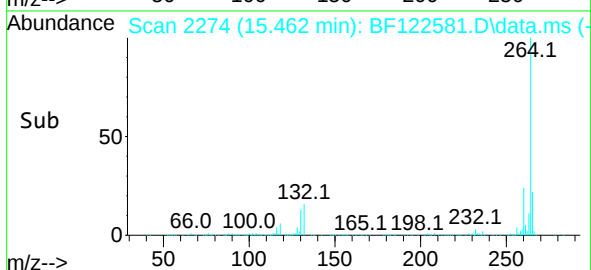
Tgt Ion:149 Resp: 1339126
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.6 11.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



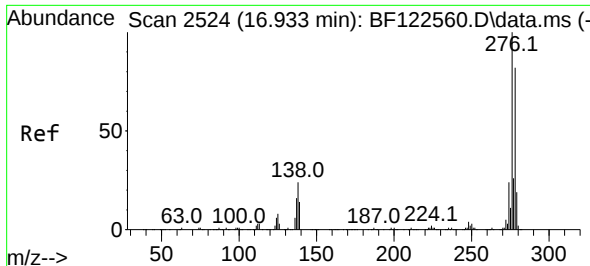
Tgt Ion:264 Resp: 393348
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.3 17.0 25.6



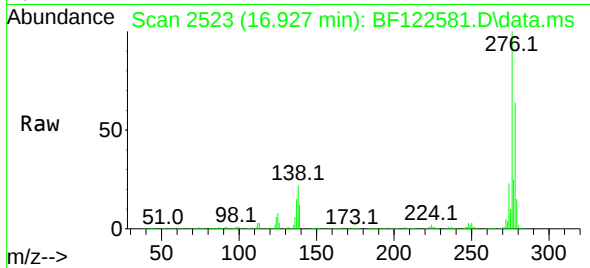
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

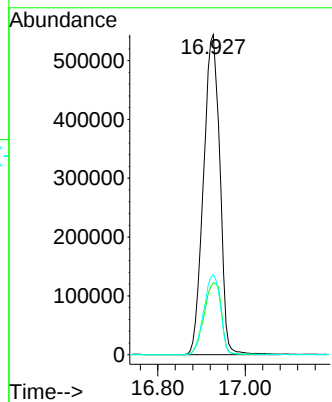
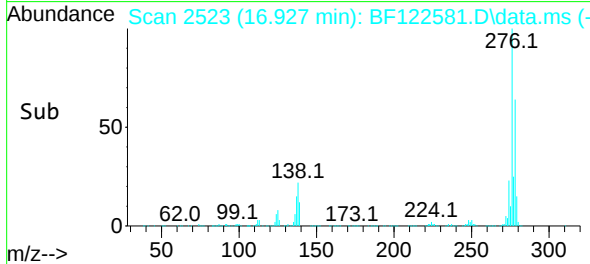
mohammad
12/8/2020 2:06:14 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 55.08 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



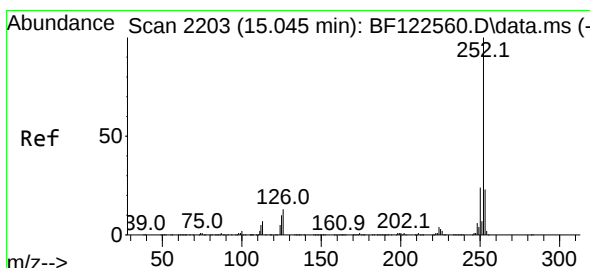
Tgt Ion:276 Resp: 1422185
Ion Ratio Lower Upper
276 100
138 23.8 18.7 28.1
277 25.5 20.2 30.4



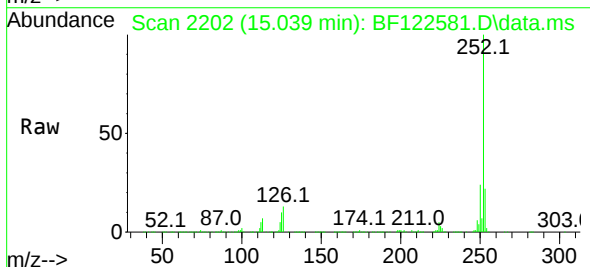
Instrument :
BNA_F
ClientSampleId :
RO-275MSD

Manual Integrations
APPROVED

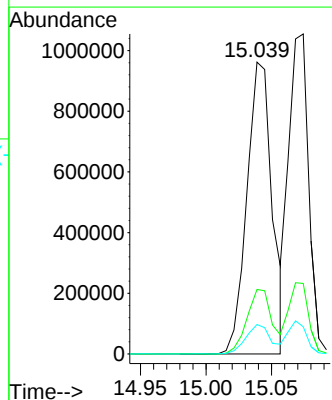
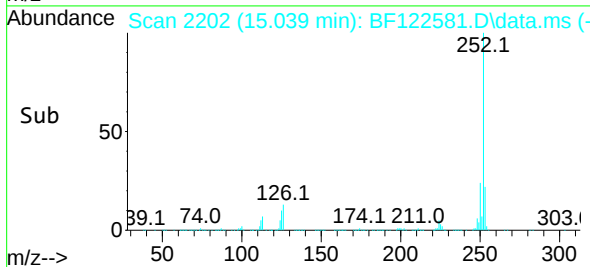
mohammad
12/8/2020 2:06:14 PM

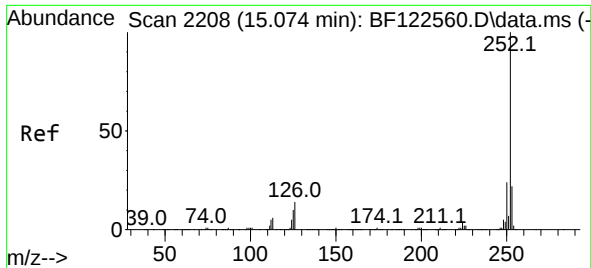


#88
Benzo(b)fluoranthene
Concen: 46.72 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



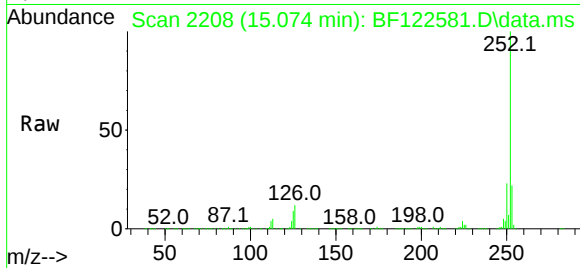
Tgt Ion:252 Resp: 1289424
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.25 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

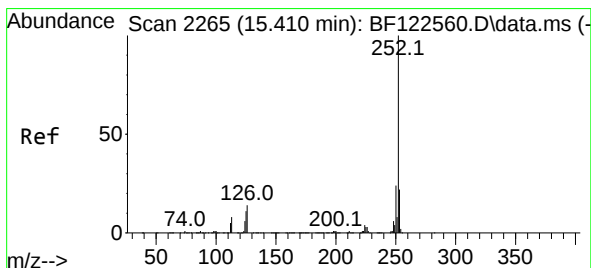
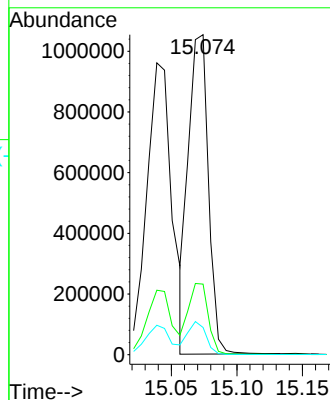
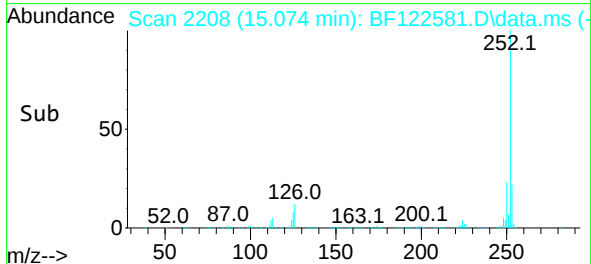
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



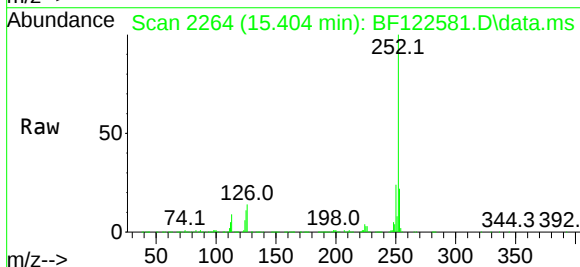
Tgt Ion:252 Resp: 1116497
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.5 8.4 12.6

Manual Integrations
APPROVED

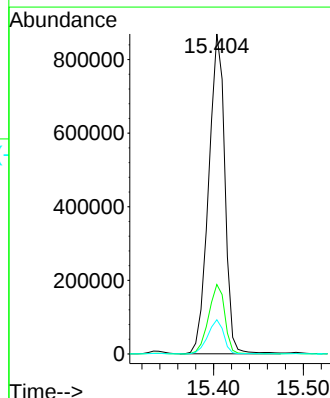
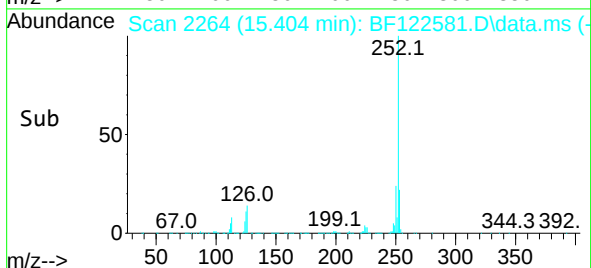
mohammad
12/8/2020 2:06:14 PM

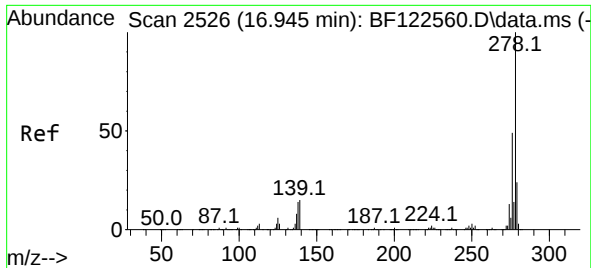


#90
Benzo(a)pyrene
Concen: 45.18 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



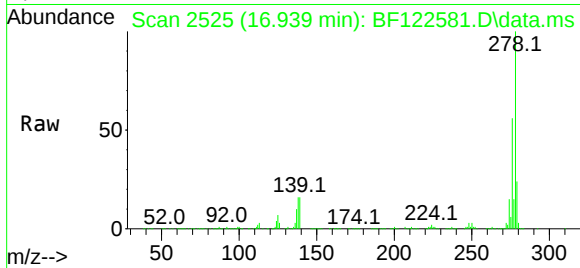
Tgt Ion:252 Resp: 1090939
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.7 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 54.32 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.006 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01

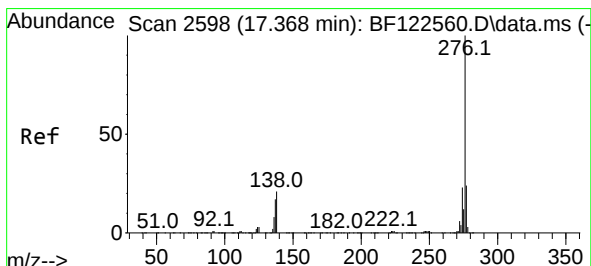
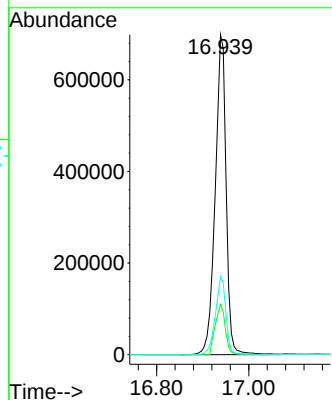
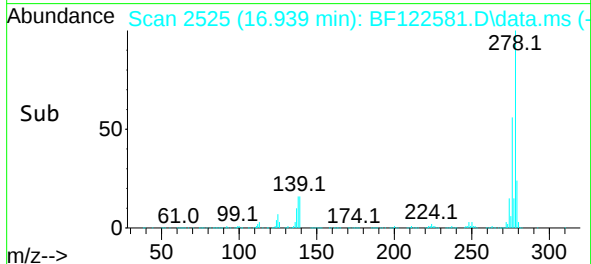
Instrument :
BNA_F
ClientSampleId :
RO-275MSD



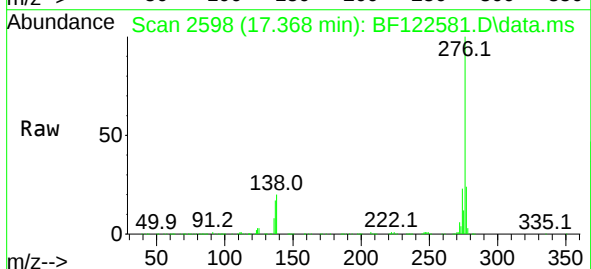
Tgt Ion:278 Resp: 1147943
Ion Ratio Lower Upper
278 100
139 15.7 12.0 18.0
279 24.4 19.4 29.2

Manual Integrations
APPROVED

mohammad
12/8/2020 2:06:14 PM



#92
Benzo(g,h,i)perylene
Concen: 60.94 ng
RT: 17.368 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF122581.D
Acq: 7 Dec 2020 20:01



Tgt Ion:276 Resp: 1246418
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 19.7 16.6 24.8

