

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
 Data File : BF122915.D
 Acq On : 4 Jan 2021 18:36
 Operator : JU/CG
 Sample : L5249-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-123120MSD

Manual Integrations
 APPROVED

mohammad
 1/5/2021 12:29:43 PM

Quant Time: Jan 05 00:13:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	117589	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	457900	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	245763	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	460123	20.00	ng	0.00
76) Chrysene-d12	14.015	240	315934	20.00	ng	0.00
86) Perylene-d12	15.486	264	305781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	699691	94.20	ng	0.00
7) Phenol-d6	6.463	99	857394	87.04	ng	0.00
23) Nitrobenzene-d5	7.392	82	538757	58.95	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	294416	91.52	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1017609	56.00	ng	0.00
79) Terphenyl-d14	12.951	244	1099664	60.93	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.587	88	121560	34.82	ng	Qvalue 98
3) Pyridine	3.334	79	341081	36.96	ng	97
4) n-Nitrosodimethylamine	3.287	42	145135	39.22	ng	100
6) Aniline	6.481	93	306583	26.44	ng	# 1
8) 2-Chlorophenol	6.610	128	374038	45.69	ng	96
9) Benzaldehyde	6.369	77	72691	12.19	ng	97
10) Phenol	6.481	94	454692	44.55	ng	90
11) bis(2-Chloroethyl)ether	6.557	93	337173	43.24	ng	97
12) 1,3-Dichlorobenzene	6.763	146	397485	41.03	ng	99
13) 1,4-Dichlorobenzene	6.839	146	404953	41.46	ng	99
14) 1,2-Dichlorobenzene	6.992	146	388351	41.19	ng	99
15) Benzyl Alcohol	6.969	79	303082	44.68	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	401235	36.08	ng	78
17) 2-Methylphenol	7.087	107	295891	45.47	ng	97
18) Hexachloroethane	7.334	117	141648	40.69	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	237080	42.02	ng	99
20) 3+4-Methylphenols	7.239	107	369068	44.89	ng	96
22) Acetophenone	7.234	105	478578	42.03	ng	# 96
24) Nitrobenzene	7.410	77	371352	40.85	ng	98
25) Isophorone	7.651	82	670141	42.57	ng	99
26) 2-Nitrophenol	7.728	139	199512	44.99	ng	93
27) 2,4-Dimethylphenol	7.769	122	323369	49.75	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	422962	39.24	ng	100
29) 2,4-Dichlorophenol	7.975	162	325084	42.83	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	339261	39.45	ng	100
31) Naphthalene	8.134	128	1057802	41.86	ng	100
32) Benzoic acid	7.922	122	228252	44.08	ng	96
33) 4-Chloroaniline	8.181	127	158589	15.01	ng	98
34) Hexachlorobutadiene	8.245	225	202575	38.27	ng	99
35) Caprolactam	8.563	113	104127m	45.55	ng	
36) 4-Chloro-3-methylphenol	8.681	107	337305	45.12	ng	98
37) 2-Methylnaphthalene	8.828	142	716015	42.84	ng	98
38) 1-Methylnaphthalene	8.928	142	661650	41.85	ng	100
40) 1,2,4,5-Tetrachloroben...	8.992	216	343016	42.14	ng	99
41) Hexachlorocyclopentadiene	8.975	237	208610	57.96	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	230322	40.97	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
 Data File : BF122915.D
 Acq On : 4 Jan 2021 18:36
 Operator : JU/CG
 Sample : L5249-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-123120MSD

Manual Integrations
 APPROVED

mohammad
 1/5/2021 12:29:43 PM

Quant Time: Jan 05 00:13:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	247583	42.60	ng	99
46) 1,1'-Biphenyl	9.292	154	853708	41.86	ng	97
47) 2-Chloronaphthalene	9.316	162	683871	40.47	ng	99
48) 2-Nitroaniline	9.416	65	198003	40.19	ng	93
49) Acenaphthylene	9.733	152	1055147	42.27	ng	99
50) Dimethylphthalate	9.592	163	894941	45.60	ng	99
51) 2,6-Dinitrotoluene	9.663	165	187086	45.13	ng	95
52) Acenaphthene	9.904	154	631276	39.09	ng	99
53) 3-Nitroaniline	9.828	138	112921	23.57	ng	92
54) 2,4-Dinitrophenol	9.951	184	179811	88.72	ng	# 91
55) Dibenzofuran	10.080	168	942404	41.49	ng	98
56) 4-Nitrophenol	10.010	139	259227	75.90	ng	89
57) 2,4-Dinitrotoluene	10.069	165	243777	44.15	ng	94
58) Fluorene	10.422	166	758201	41.96	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	212535	41.63	ng	99
60) Diethylphthalate	10.292	149	805653	42.20	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	366882	41.24	ng	100
62) 4-Nitroaniline	10.451	138	173958	35.78	ng	99
63) Azobenzene	10.575	77	718292	40.93	ng	94
65) 4,6-Dinitro-2-methylph...	10.486	198	126893	45.23	ng	92
66) n-Nitrosodiphenylamine	10.533	169	659091	40.54	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	254056	40.75	ng	# 91
68) Hexachlorobenzene	10.975	284	278743	40.44	ng	98
69) Atrazine	11.063	200	200646	38.00	ng	99
70) Pentachlorophenol	11.175	266	270680	74.12	ng	98
71) Phenanthrene	11.386	178	1156776	42.30	ng	99
72) Anthracene	11.439	178	1175892	43.37	ng	100
73) Carbazole	11.598	167	1067324	43.40	ng	99
74) Di-n-butylphthalate	11.922	149	1251342	40.50	ng	99
75) Fluoranthene	12.580	202	1181827	41.21	ng	99
77) Benzidine	12.704	184	429516	62.85	ng	99
78) Pyrene	12.810	202	1167076	47.78	ng	99
80) Butylbenzylphthalate	13.427	149	491979	44.71	ng	92
81) Benzo(a)anthracene	14.004	228	933222	44.20	ng	98
82) 3,3'-Dichlorobenzidine	13.963	252	255282	33.76	ng	99
83) Chrysene	14.045	228	903717	43.01	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	668877	44.39	ng	99
85) Di-n-octyl phthalate	14.598	149	1022991	40.93	ng	96
87) Indeno(1,2,3-cd)pyrene	16.980	276	1012644	50.45	ng	99
88) Benzo(b)fluoranthene	15.062	252	918896	42.83	ng	98
89) Benzo(k)fluoranthene	15.092	252	871127	44.41	ng	99
90) Benzo(a)pyrene	15.433	252	823141	43.85	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	825655	50.26	ng	100
92) Benzo(g,h,i)perylene	17.421	276	914501	57.52	ng	98

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

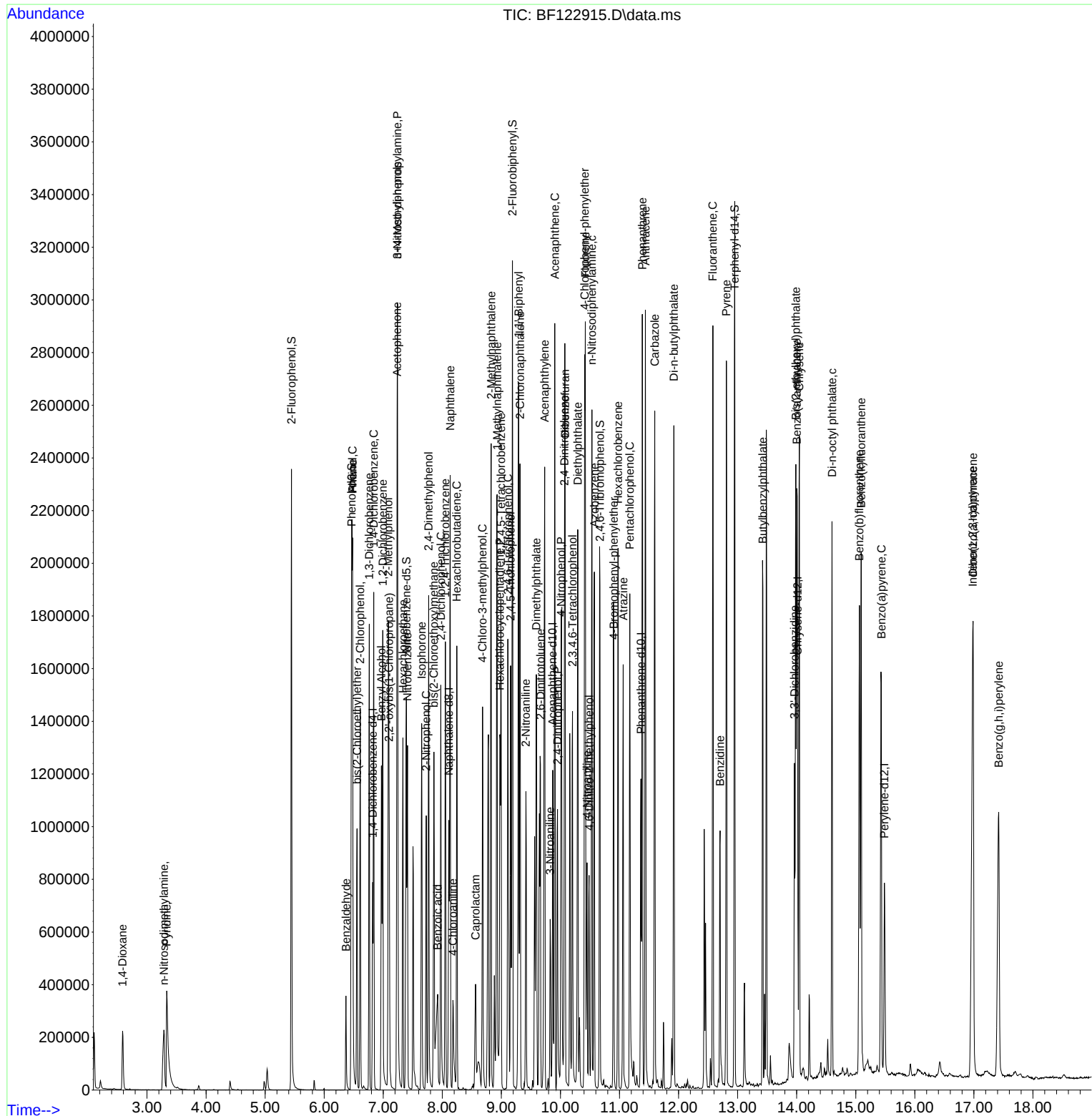
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
 Data File : BF122915.D
 Acq On : 4 Jan 2021 18:36
 Operator : JU/CG
 Sample : L5249-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

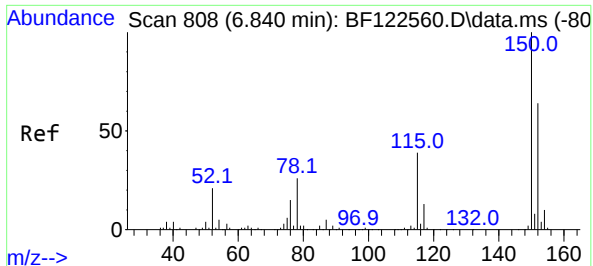
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-123120MSD

Manual Integrations
 APPROVED

mohammad
 1/5/2021 12:29:43 PM

Quant Time: Jan 05 00:13:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration





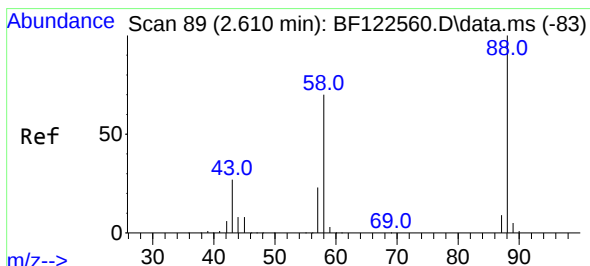
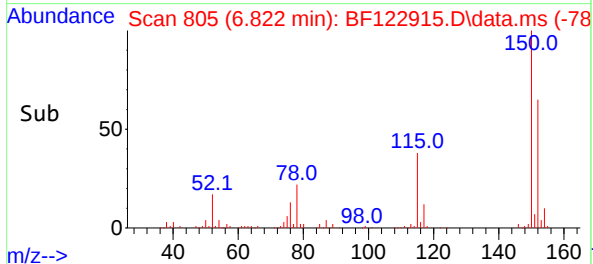
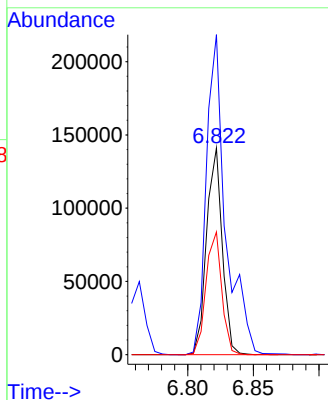
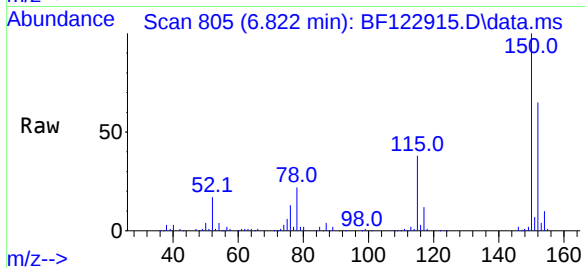
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:152 Resp: 117589
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 59.4 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

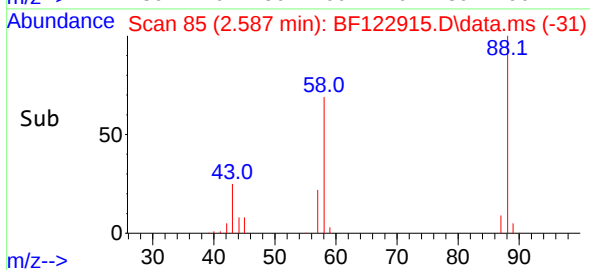
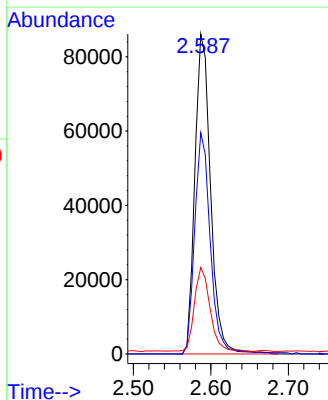
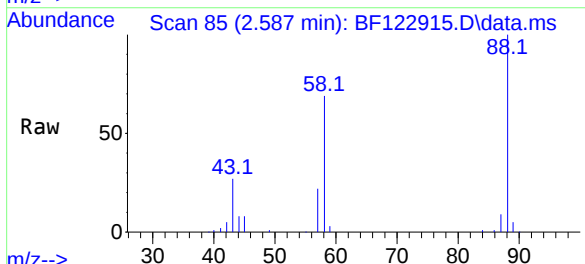
Manual Integrations
APPROVED

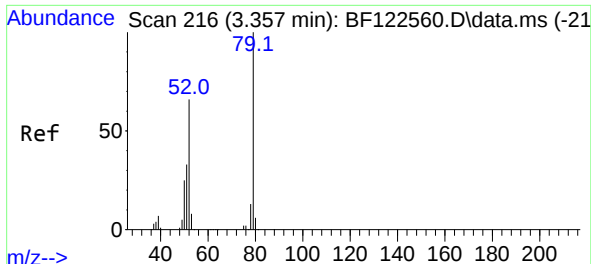
mohammad
1/5/2021 12:29:43 PM



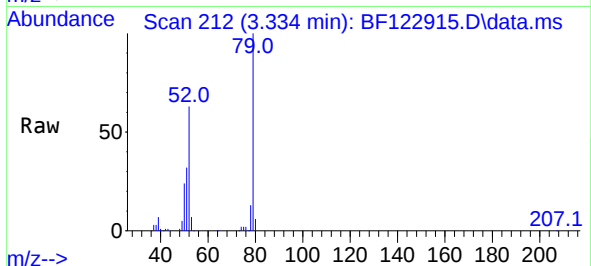
#2
1,4-Dioxane
Concen: 34.82 ng
RT: 2.587 min Scan# 85
Delta R.T. 0.018 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 88 Resp: 121560
Ion Ratio Lower Upper
88 100
58 68.7 56.2 84.2
43 25.9 21.8 32.6

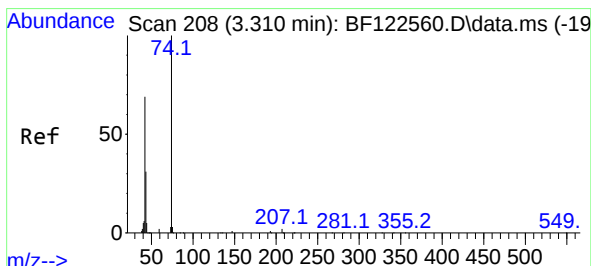
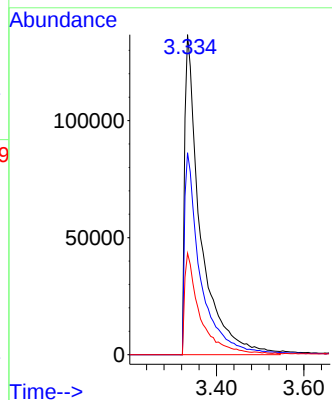
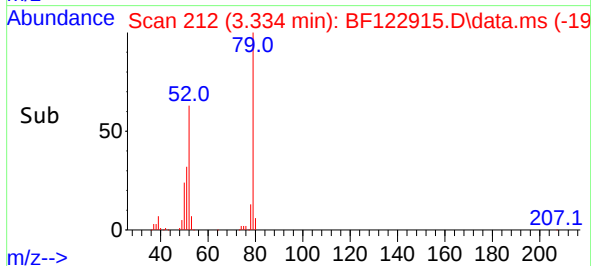




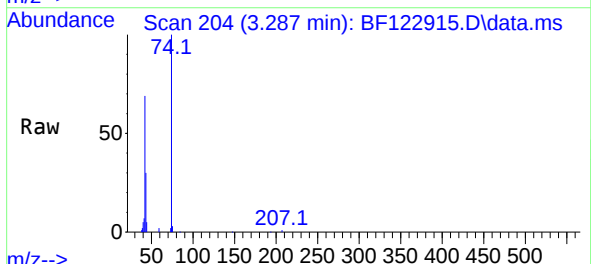
#3
Pyridine
Concen: 36.96 ng
RT: 3.334 min Scan# 212
Delta R.T. 0.024 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



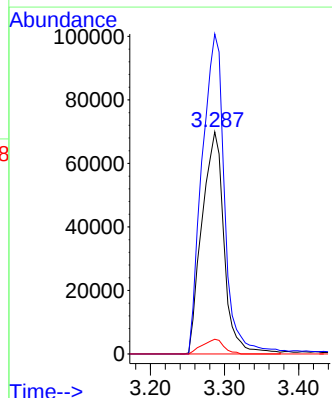
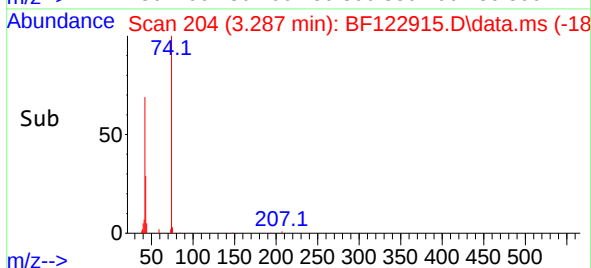
Tgt Ion: 79 Resp: 341081
Ion Ratio Lower Upper
79 100
52 63.1 53.0 79.4
51 31.7 26.6 39.8



#4
n-Nitrosodimethylamine
Concen: 39.22 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.012 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



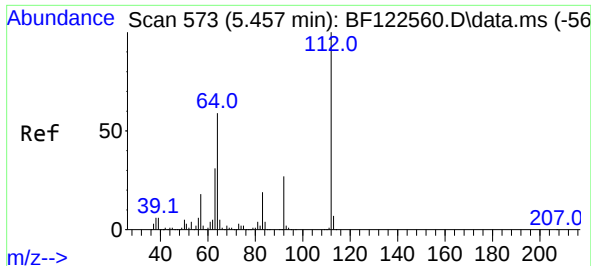
Tgt Ion: 42 Resp: 145135
Ion Ratio Lower Upper
42 100
74 144.1 115.2 172.8
44 6.6 5.4 8.0



Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

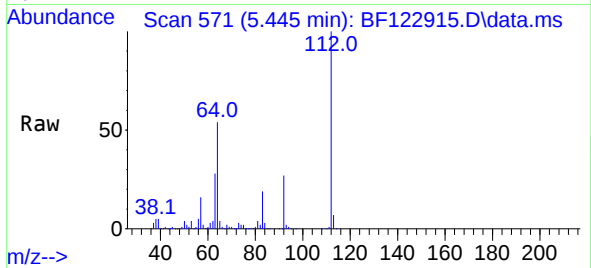
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#5
2-Fluorophenol
Concen: 94.20 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

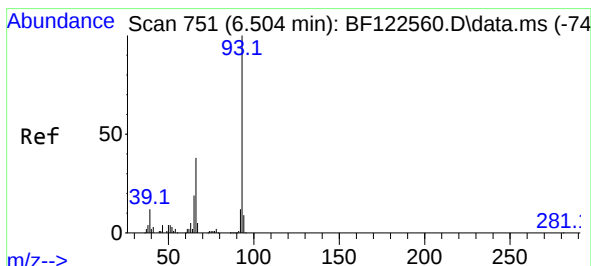
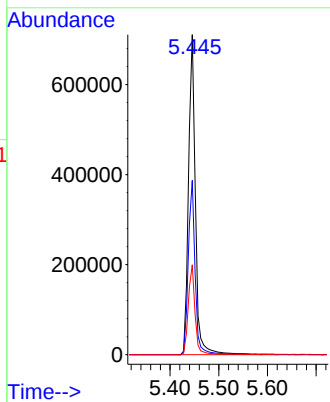
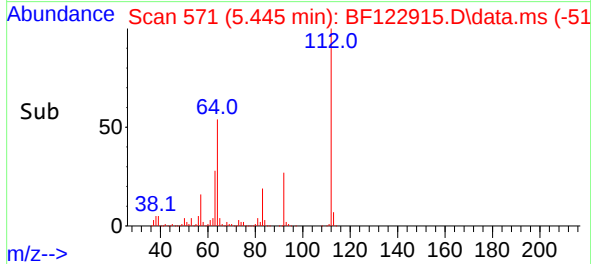
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



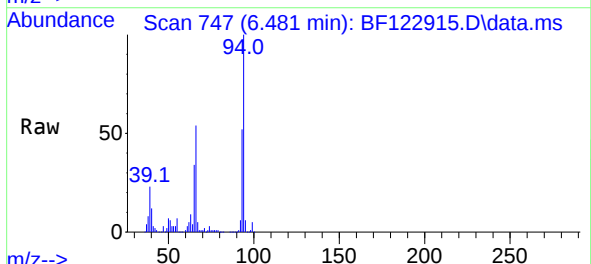
Tgt Ion:112 Resp: 699691
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 28.1 24.5 36.7

Manual Integrations
APPROVED

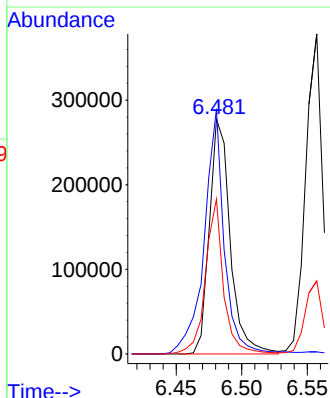
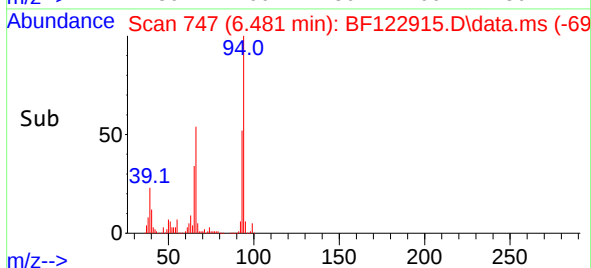
mohammad
1/5/2021 12:29:43 PM

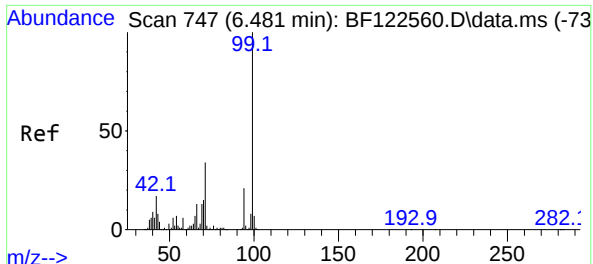


#6
Aniline
Concen: 26.44 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion: 93 Resp: 306583
Ion Ratio Lower Upper
93 100
66 104.3 31.3 46.9#
65 65.9 15.6 23.4#





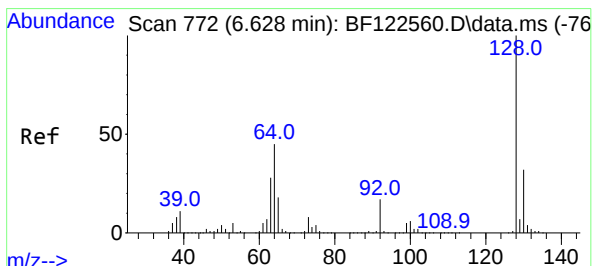
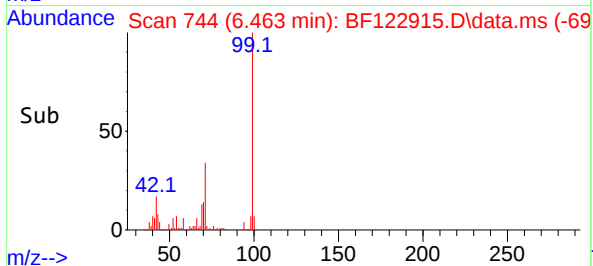
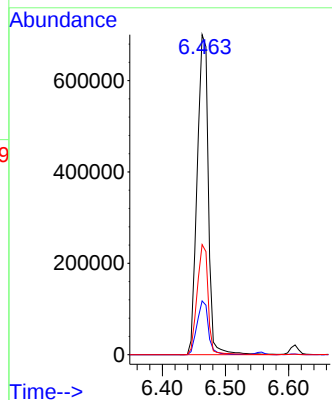
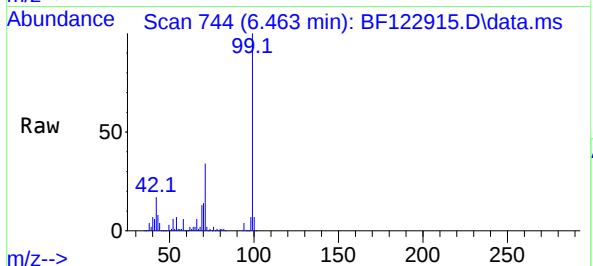
#7
Phenol-d6
Concen: 87.04 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	99	Resp:	857394
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	34.4	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

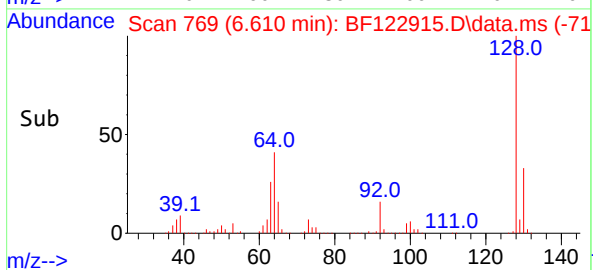
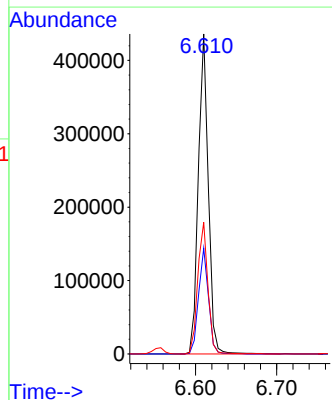
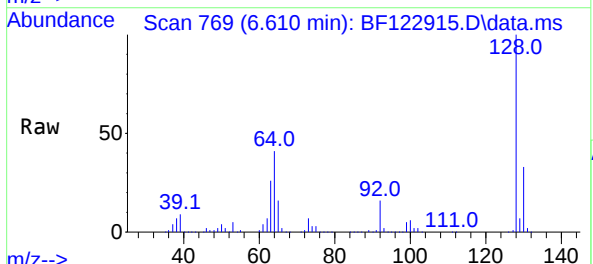
Manual Integrations
APPROVED

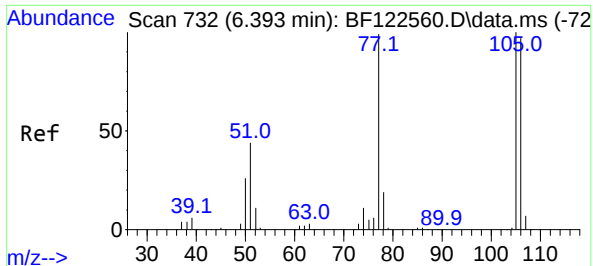
mohammad
1/5/2021 12:29:43 PM



#8
2-Chlorophenol
Concen: 45.69 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	128	Resp:	374038
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.3	52.3
64	41.2	25.5	65.5





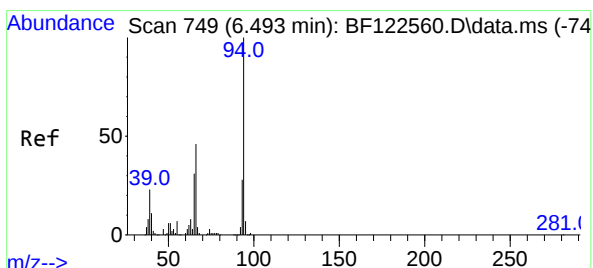
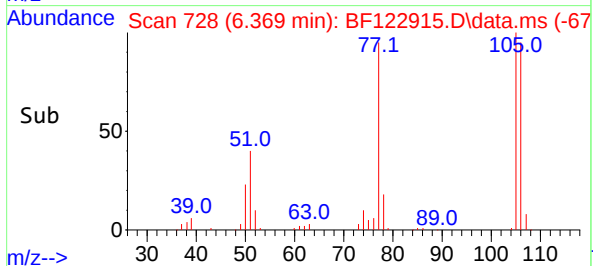
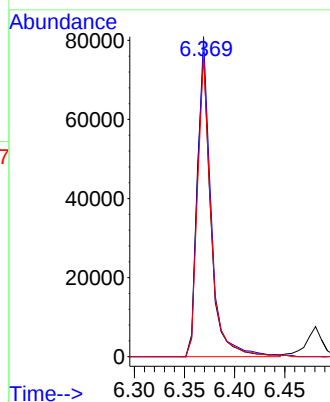
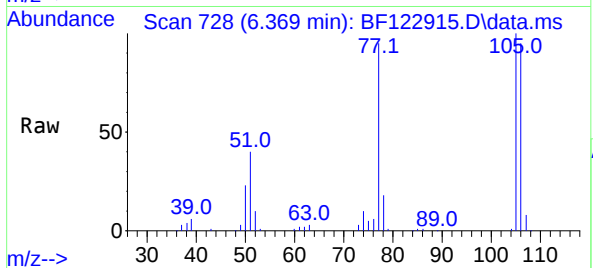
#9
Benzaldehyde
Concen: 12.19 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	77	Resp:	72691
Ion	Ratio	Lower	Upper
77	100		
105	105.2	80.6	120.6
106	99.4	77.2	117.2

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

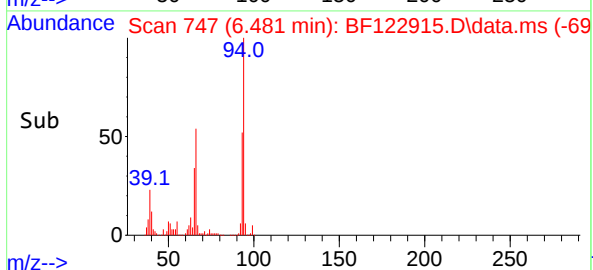
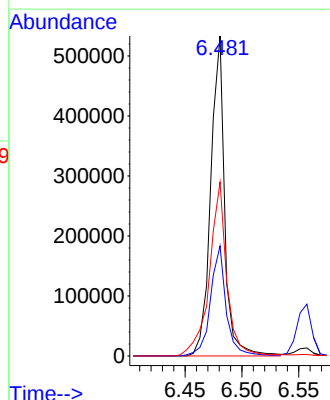
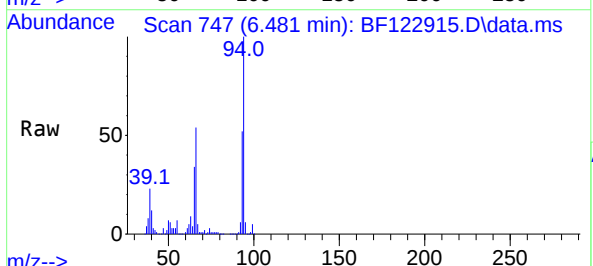
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#10
Phenol
Concen: 44.55 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	94	Resp:	454692
Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.2	51.2
66	54.3	25.8	65.8





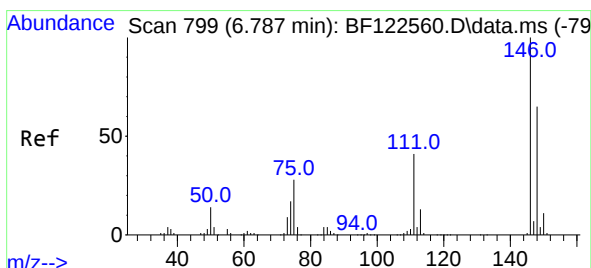
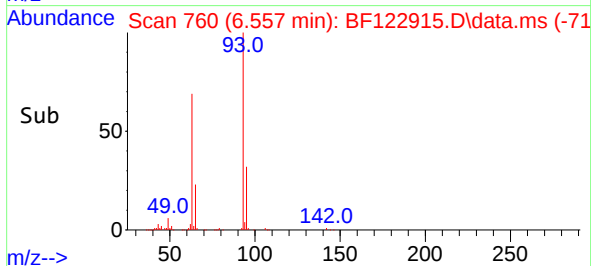
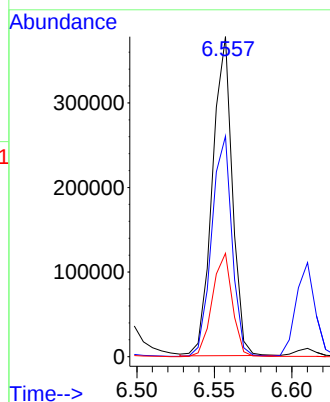
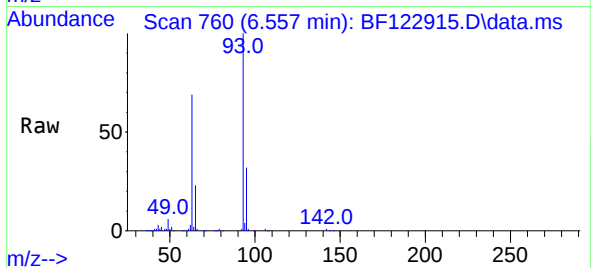
#11
bis(2-Chloroethyl)ether
Concen: 43.24 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 93 Resp: 337173
Ion Ratio Lower Upper
93 100
63 68.9 52.6 92.6
95 32.3 12.6 52.6

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

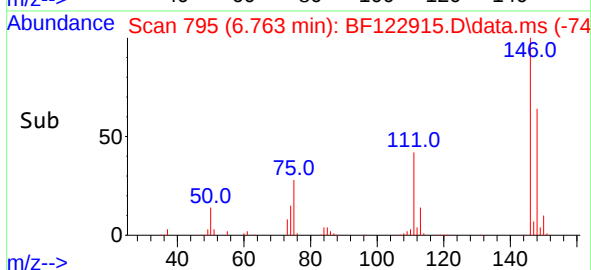
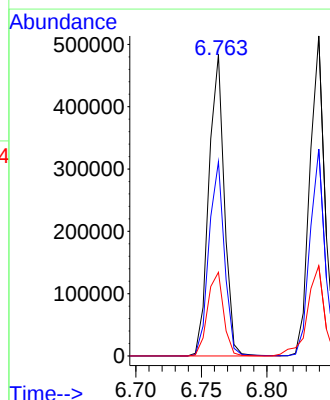
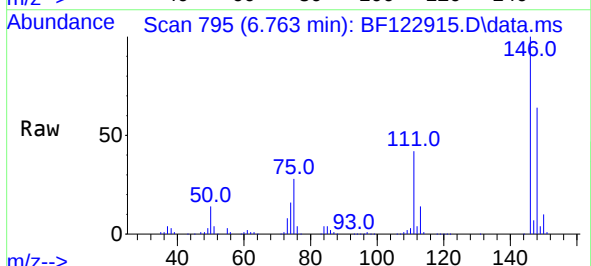
Manual Integrations
APPROVED

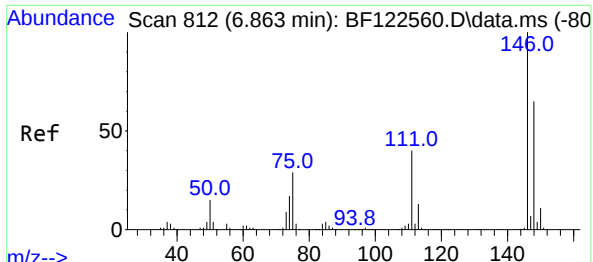
mohammad
1/5/2021 12:29:43 PM



#12
1,3-Dichlorobenzene
Concen: 41.03 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:146 Resp: 397485
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 27.8 22.5 33.7





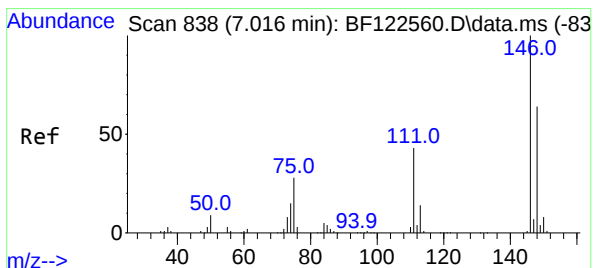
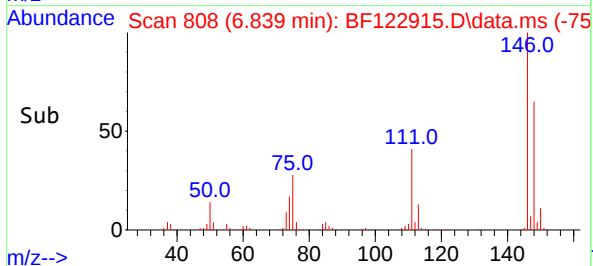
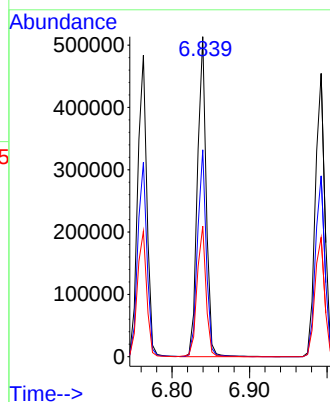
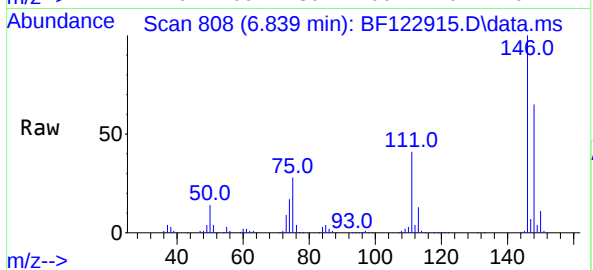
#13
1,4-Dichlorobenzene
Concen: 41.46 ng
RT: 6.839 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:146 Resp: 404953
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 40.8 32.3 48.5

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

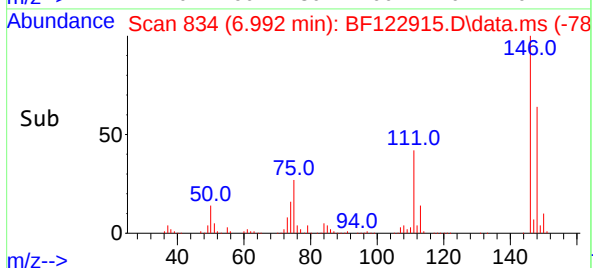
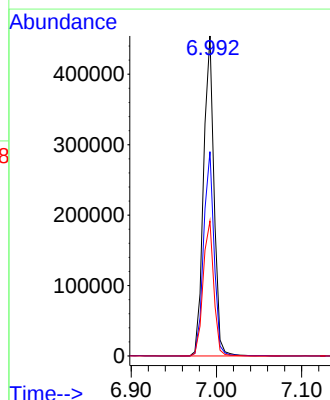
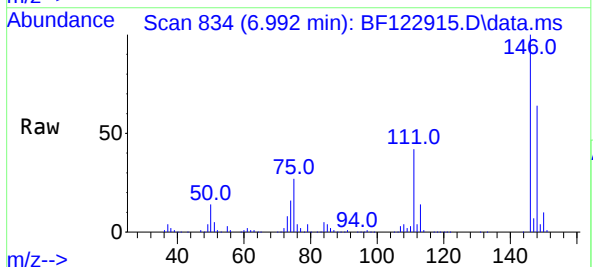
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#14
1,2-Dichlorobenzene
Concen: 41.19 ng
RT: 6.992 min Scan# 834
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

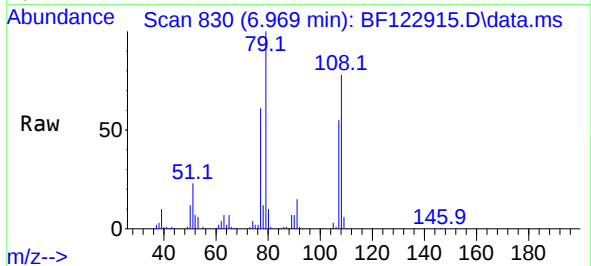
Tgt Ion:146 Resp: 388351
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
111 42.1 34.2 51.2





#15
Benzyl Alcohol
Concen: 44.68 ng
RT: 6.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

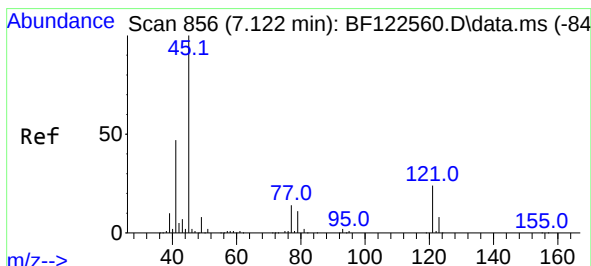
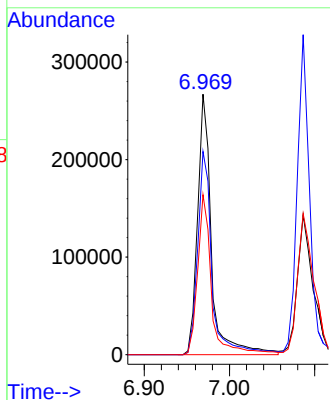
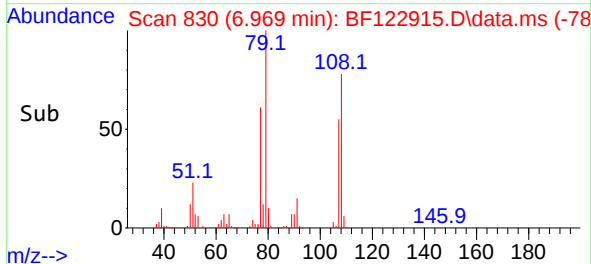
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



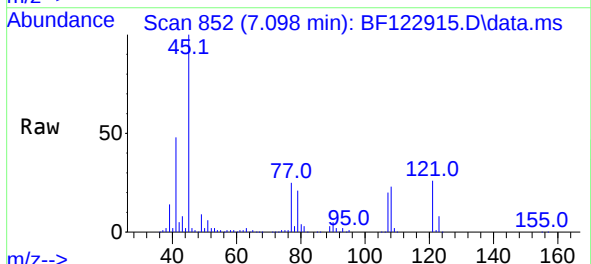
Tgt Ion: 79 Resp: 303082
Ion Ratio Lower Upper
79 100
108 78.0 62.4 93.6
77 61.4 49.0 73.6

Manual Integrations
APPROVED

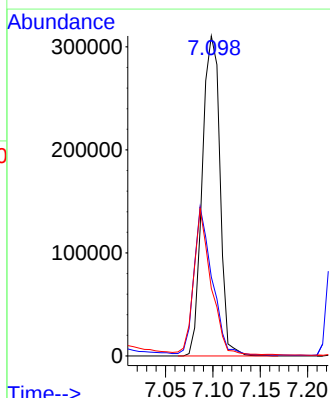
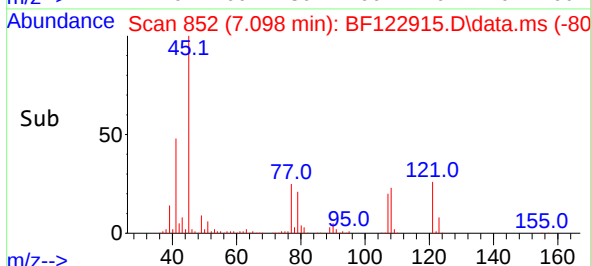
mohammad
1/5/2021 12:29:43 PM

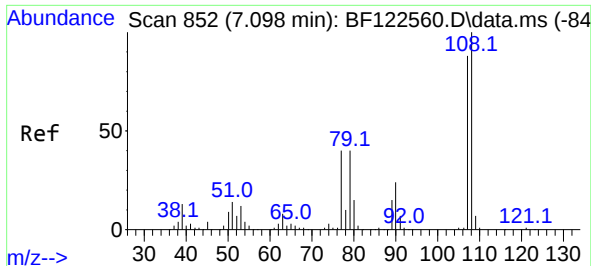


#16
2,2'-oxybis(1-chloropropane)
Concen: 36.08 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion: 45 Resp: 401235
Ion Ratio Lower Upper
45 100
77 24.7 0.0 35.6
79 21.1 0.0 32.4





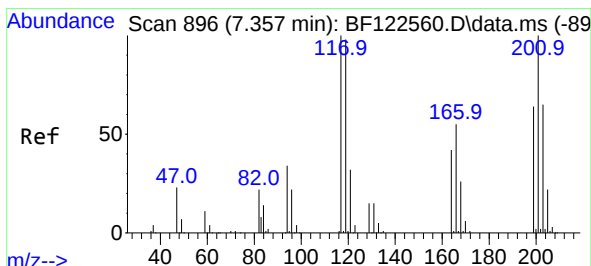
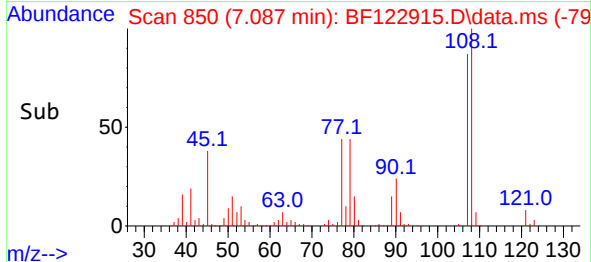
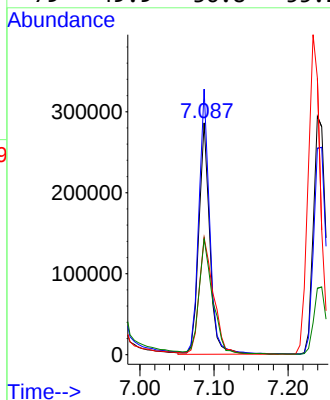
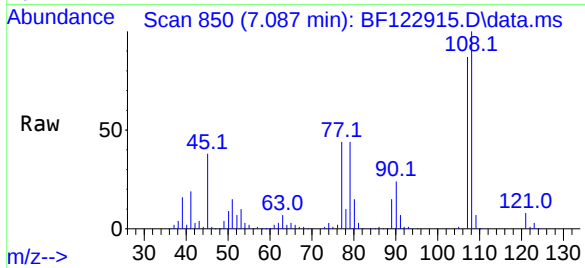
#17
2-Methylphenol
Concen: 45.47 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	107	Resp:	295891
Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.1	136.7
77	50.5	36.3	54.5
79	49.9	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

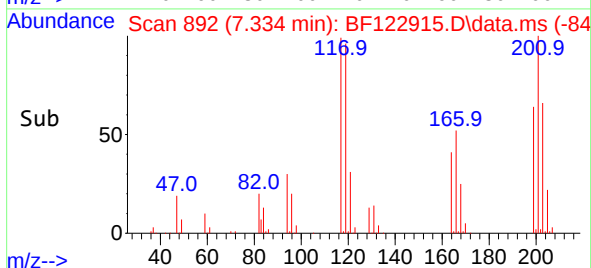
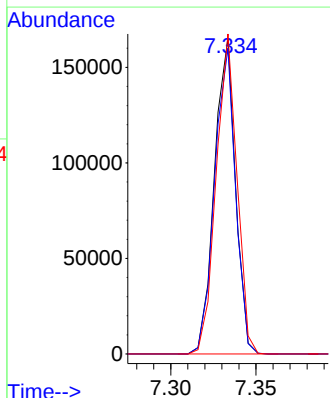
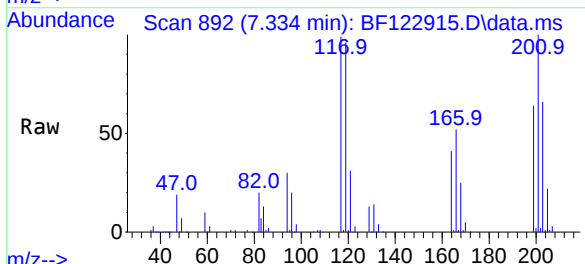
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#18
Hexachloroethane
Concen: 40.69 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

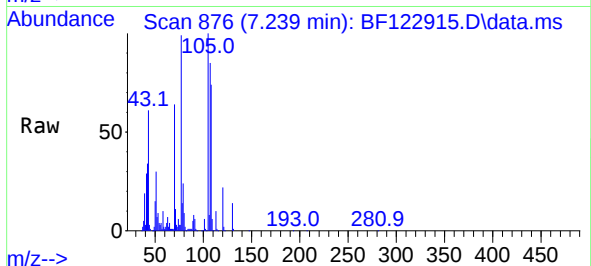
Tgt Ion:	117	Resp:	141648
Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.4	117.6
201	101.3	79.6	119.4





#19
n-Nitroso-di-n-propylamine
Concen: 42.02 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

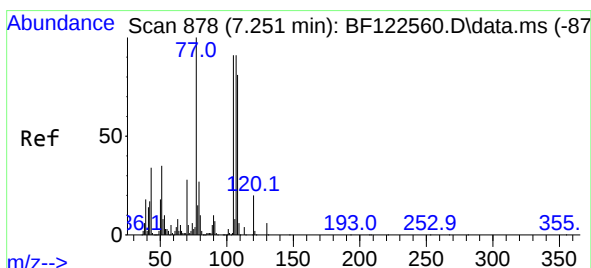
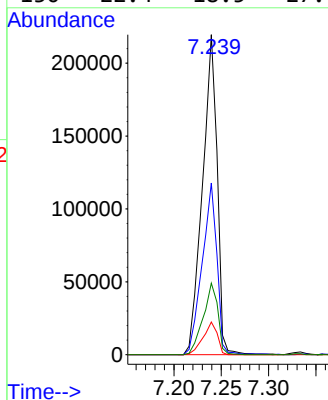
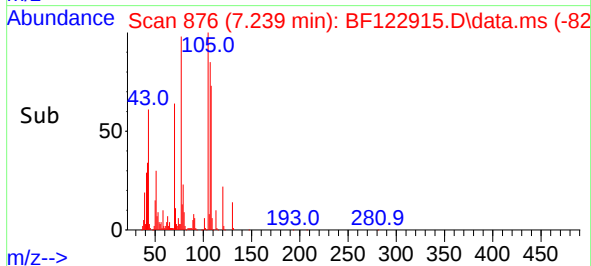
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



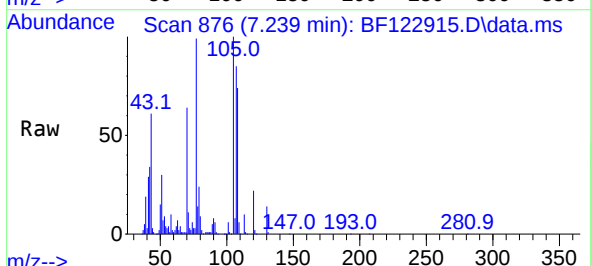
Tgt Ion: 70 Resp: 237080
Ion Ratio Lower Upper
70 100
42 53.7 43.0 64.4
101 10.2 7.9 11.9
130 22.4 18.5 27.7

Manual Integrations
APPROVED

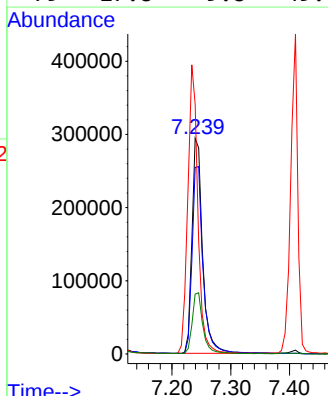
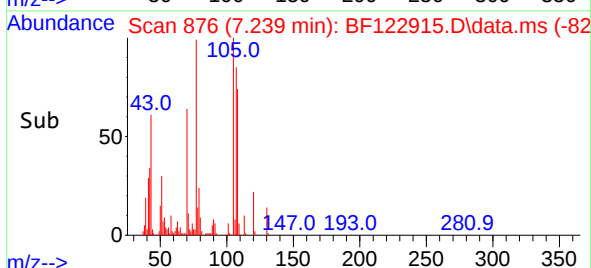
mohammad
1/5/2021 12:29:43 PM



#20
3+4-Methylphenols
Concen: 44.89 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



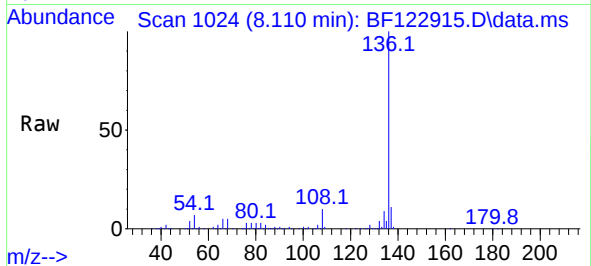
Tgt Ion: 107 Resp: 369068
Ion Ratio Lower Upper
107 100
108 86.5 68.7 108.7
77 115.8 89.8 129.8
79 27.8 9.8 49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

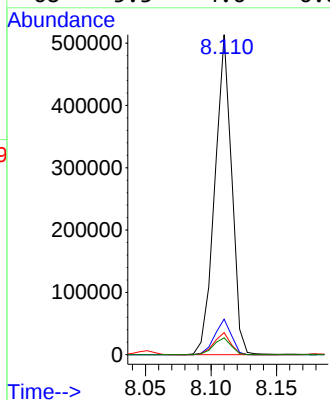
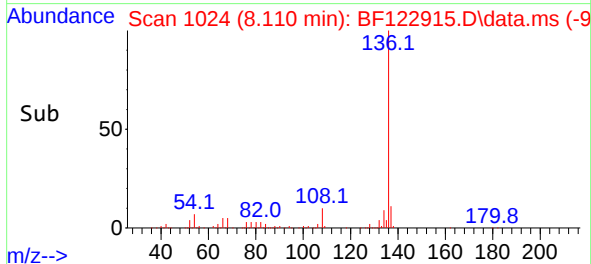


Tgt Ion:136 Resp: 457900

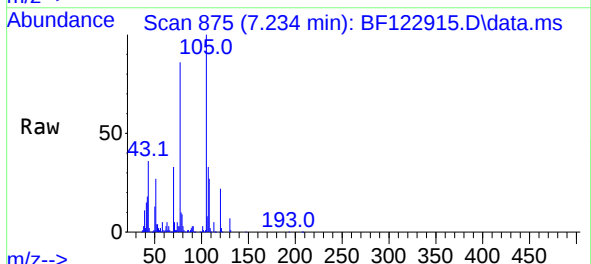
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.5	8.3
68	5.3	4.6	6.8

Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM

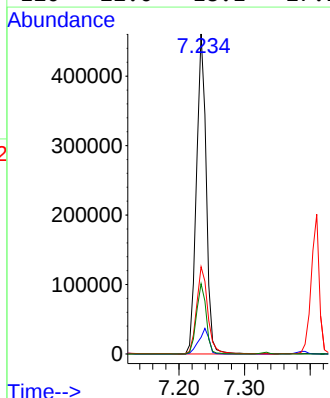
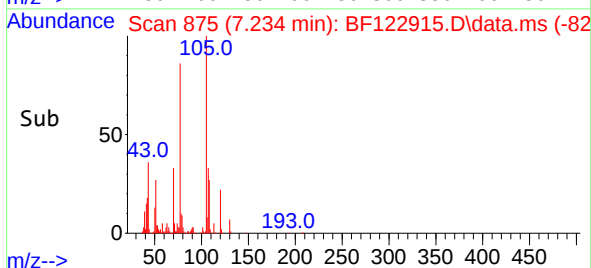


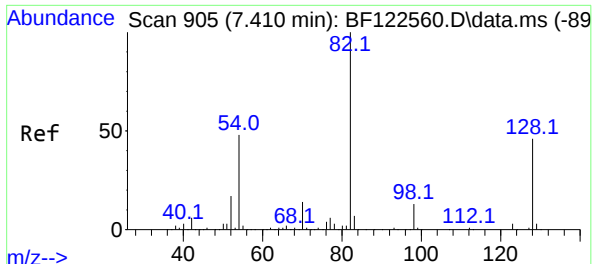
#22
Acetophenone
Concen: 42.03 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:105 Resp: 478578

Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.5	9.7#
51	27.3	24.3	36.5
120	22.0	18.1	27.1





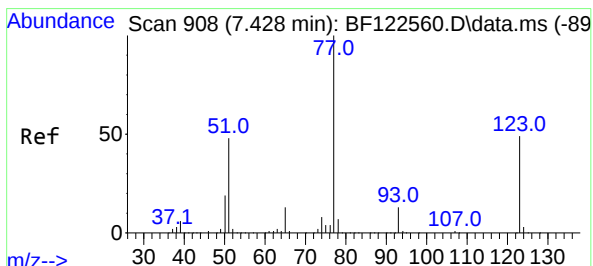
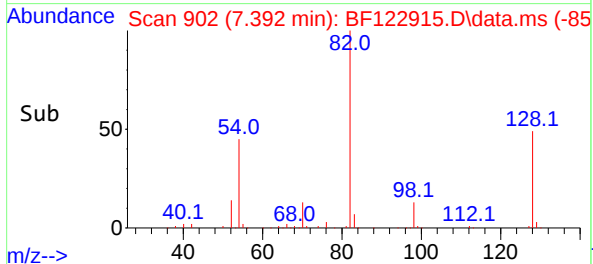
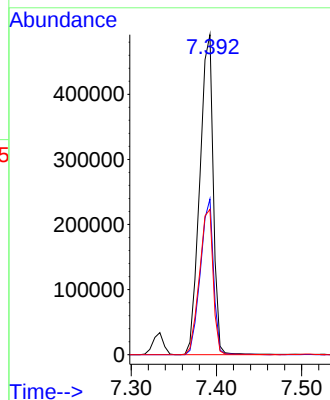
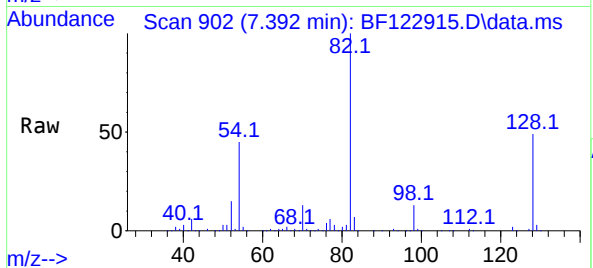
#23
Nitrobenzene-d5
Concen: 58.95 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 82 Resp: 538757
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 45.4 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

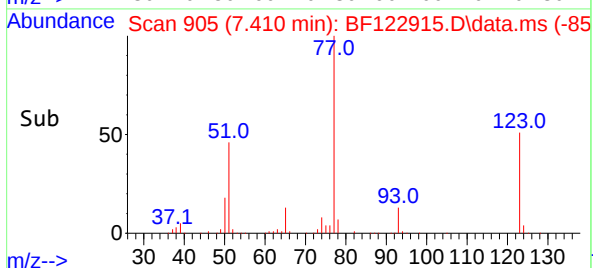
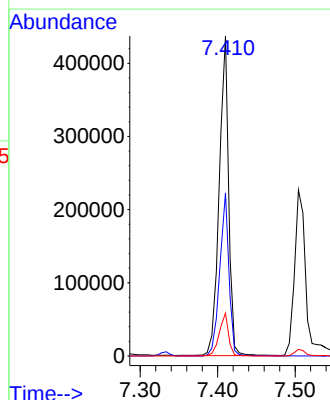
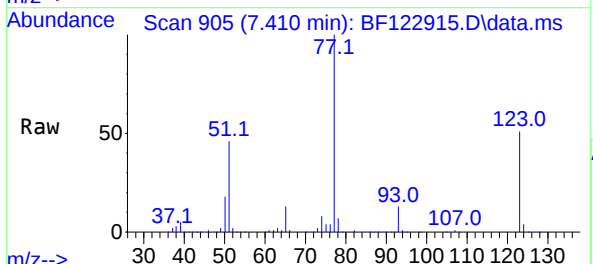
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



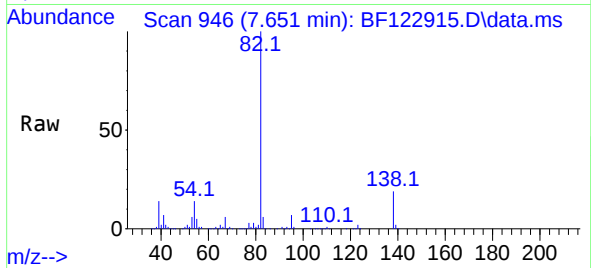
#24
Nitrobenzene
Concen: 40.85 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 77 Resp: 371352
Ion Ratio Lower Upper
77 100
123 50.9 39.3 58.9
65 13.4 10.6 15.8

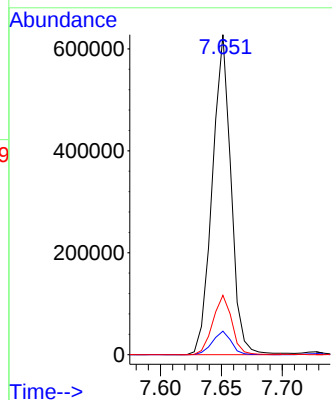




#25
Isophorone
Concen: 42.57 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



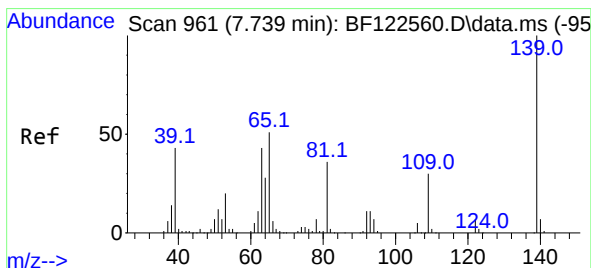
Tgt Ion: 82 Resp: 670141
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.5 14.6 21.8



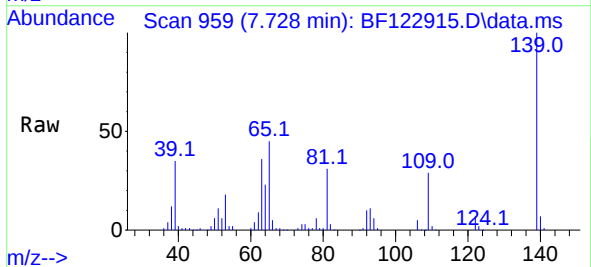
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

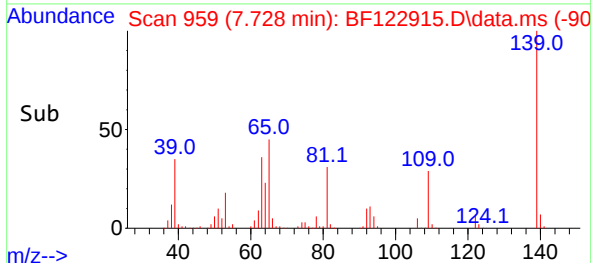
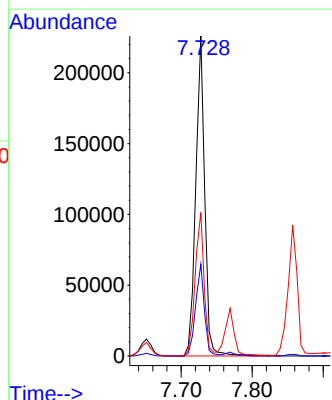
mohammad
1/5/2021 12:29:43 PM

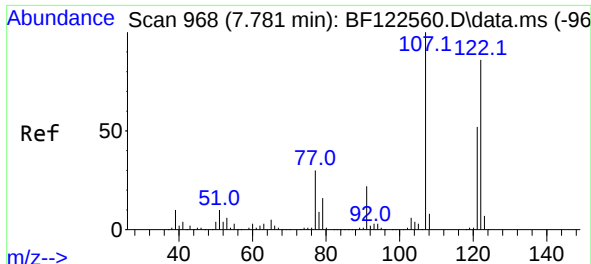


#26
2-Nitrophenol
Concen: 44.99 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

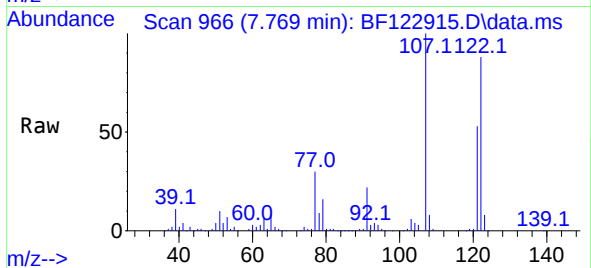


Tgt Ion: 139 Resp: 199512
Ion Ratio Lower Upper
139 100
109 28.7 24.0 36.0
65 44.8 40.9 61.3

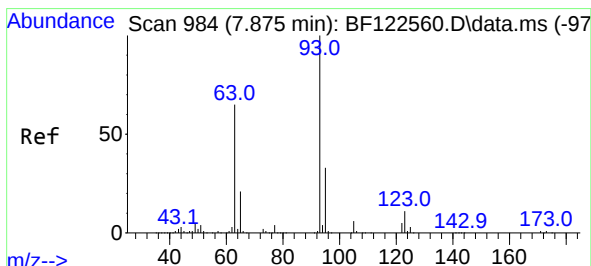
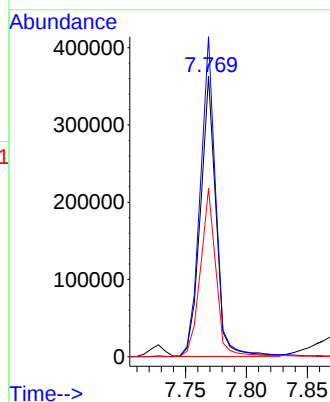
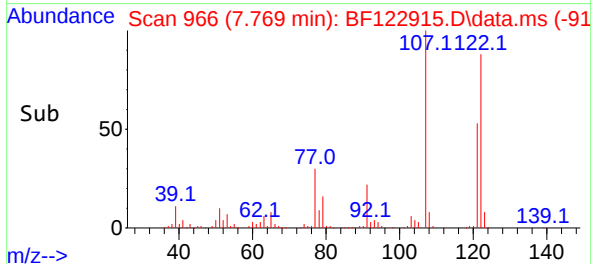




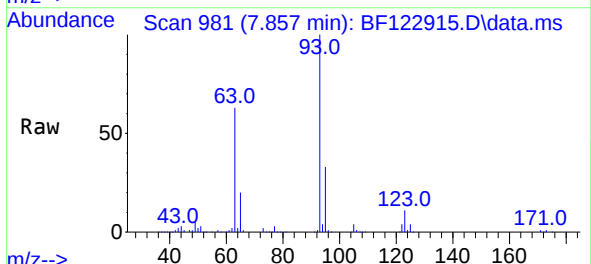
#27
2,4-Dimethylphenol
Concen: 49.75 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



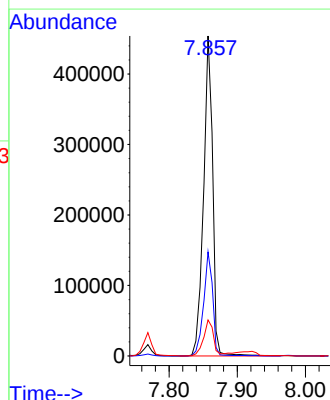
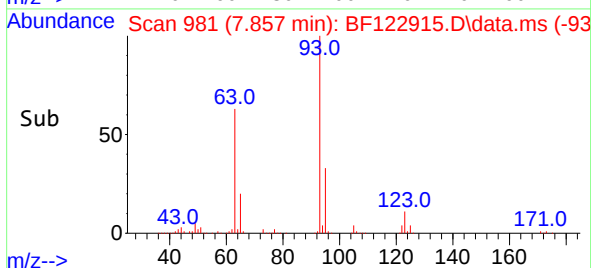
Tgt Ion:122 Resp: 323369
Ion Ratio Lower Upper
122 100
107 114.2 91.8 137.8
121 60.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.24 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion: 93 Resp: 422962
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.2
123 11.2 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



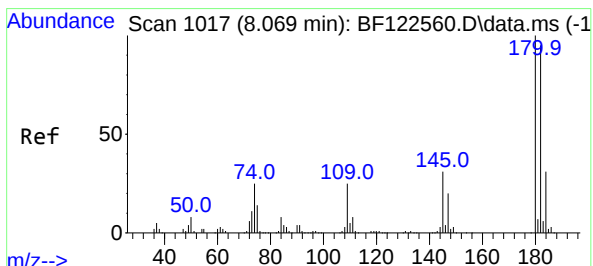
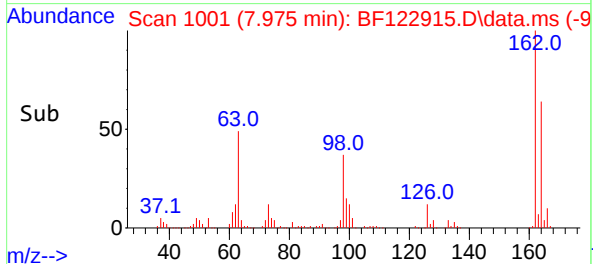
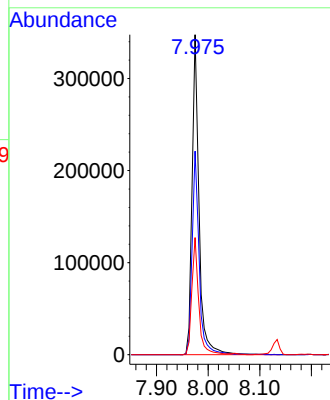
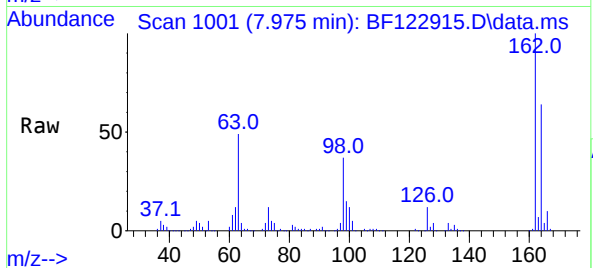
#29
2,4-Dichlorophenol
Concen: 42.83 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:162 Resp: 325084
Ion Ratio Lower Upper
162 100
164 63.6 43.2 83.2
98 36.6 15.2 55.2

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

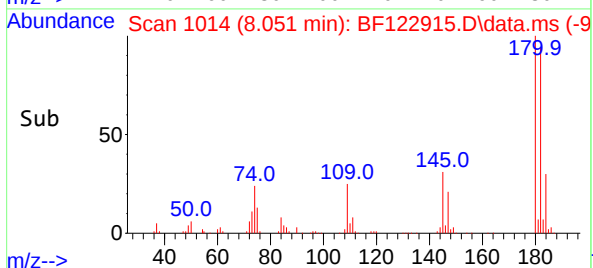
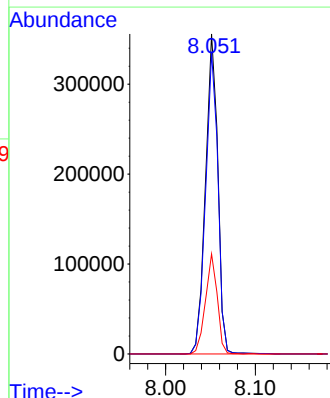
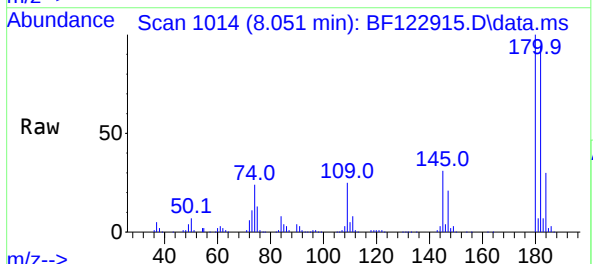
Manual Integrations
APPROVED

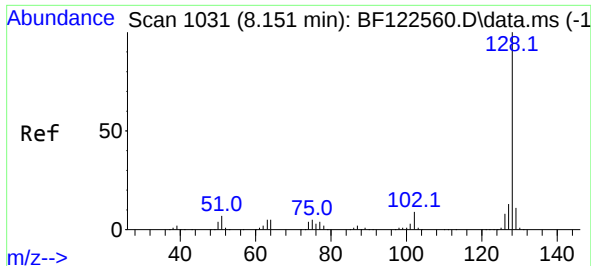
mohammad
1/5/2021 12:29:43 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.45 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:180 Resp: 339261
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 31.3 25.0 37.4





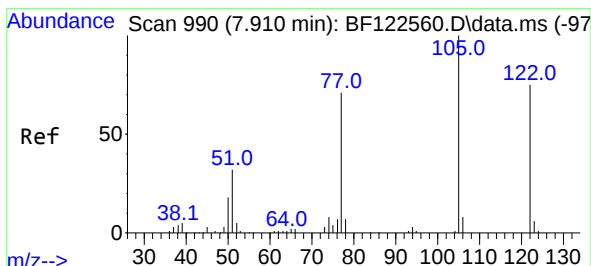
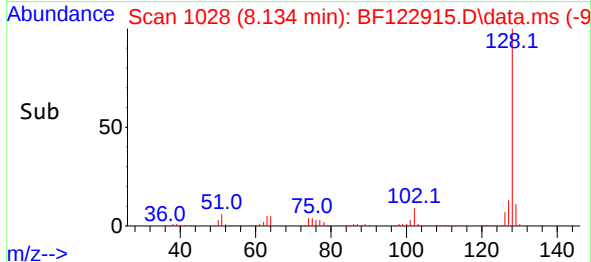
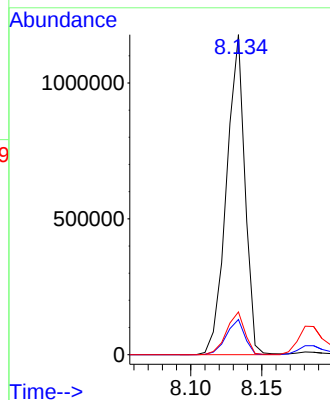
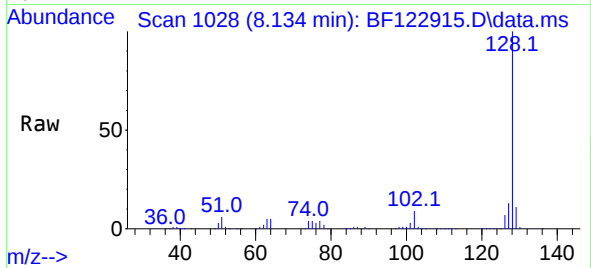
#31
Naphthalene
Concen: 41.86 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:128 Resp: 1057802
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

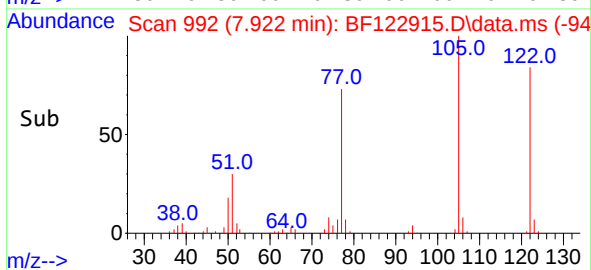
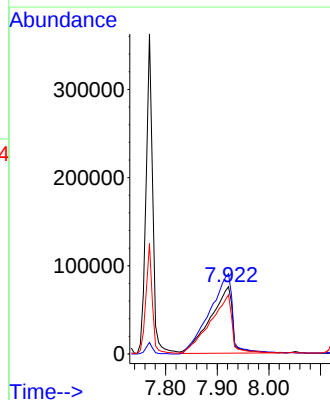
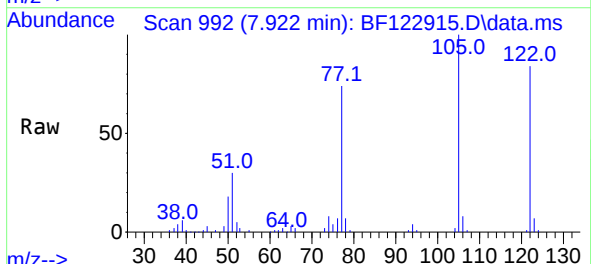
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#32
Benzoic acid
Concen: 44.08 ng
RT: 7.922 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:122 Resp: 228252
Ion Ratio Lower Upper
122 100
105 119.3 104.8 144.8
77 88.2 71.0 111.0





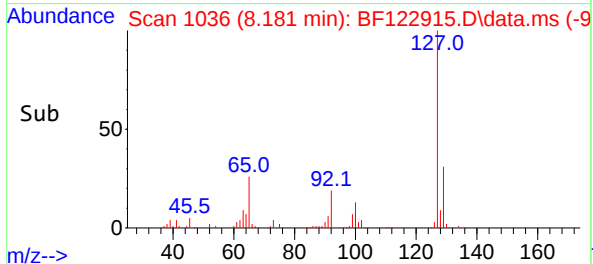
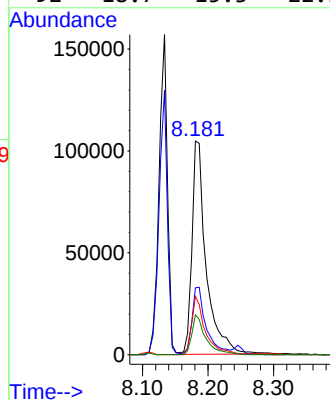
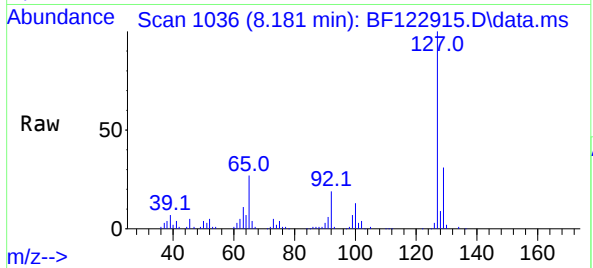
#33
4-Chloroaniline
Concen: 15.01 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	127	Resp:	158589
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	27.3	22.2	33.2
92	18.7	15.3	22.9

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

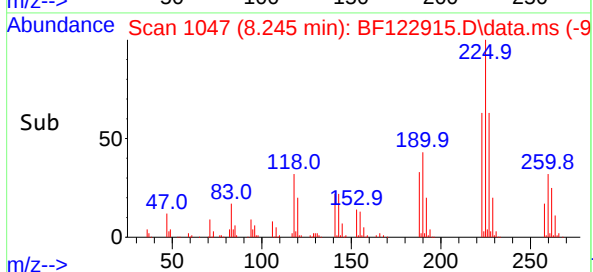
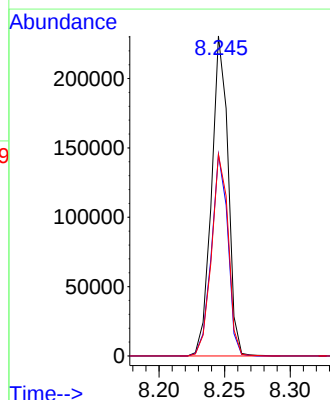
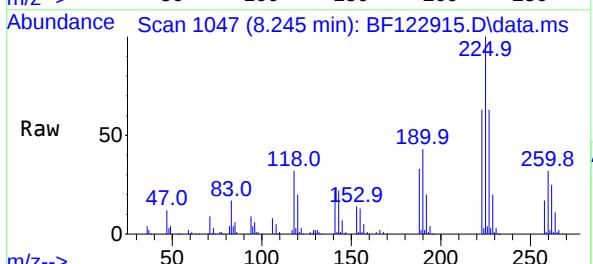
Manual Integrations
APPROVED

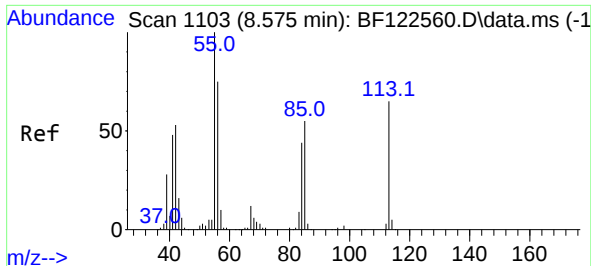
mohammad
1/5/2021 12:29:43 PM



#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:	225	Resp:	202575
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	62.9	51.7	77.5





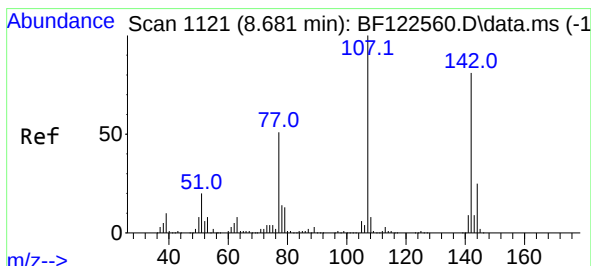
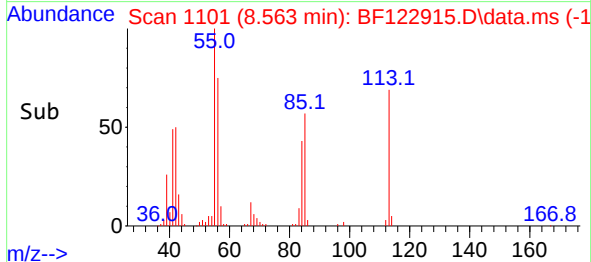
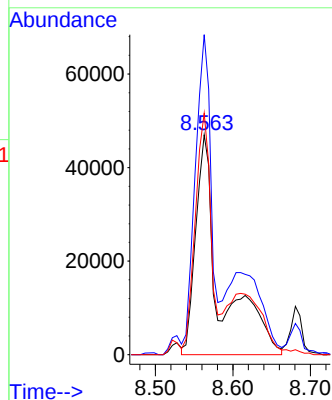
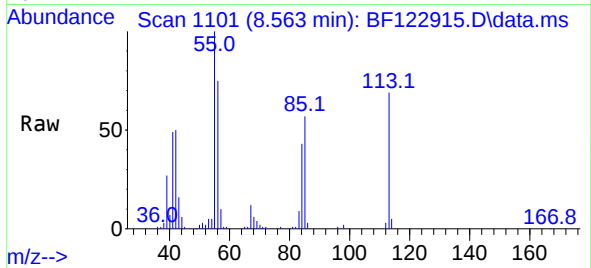
#35
Caprolactam
Concen: 45.55 ng m
RT: 8.563 min Scan# 1101
Delta R.T. -0.018 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:113 Resp: 104127
Ion Ratio Lower Upper
113 100
55 145.5 133.7 173.7
56 109.8 95.3 135.3

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

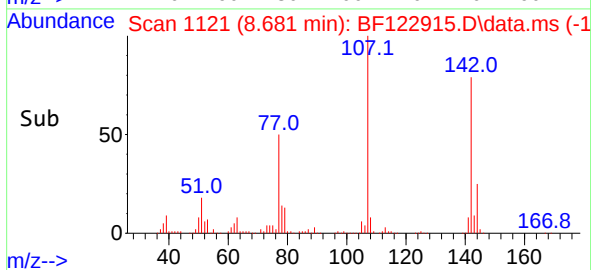
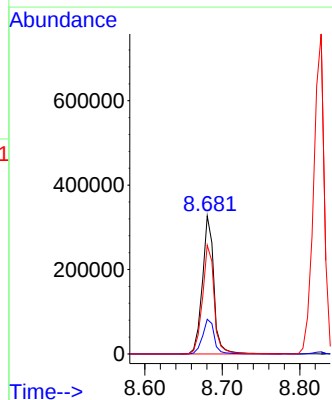
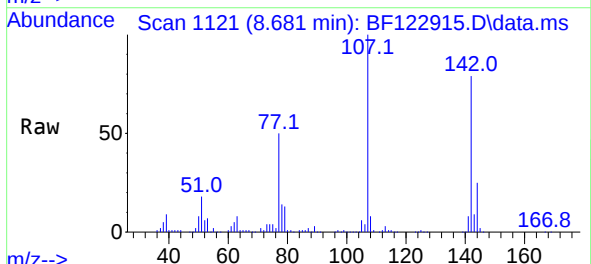
Manual Integrations
APPROVED

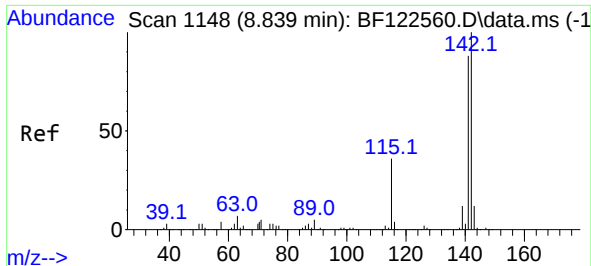
mohammad
1/5/2021 12:29:43 PM



#36
4-Chloro-3-methylphenol
Concen: 45.12 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

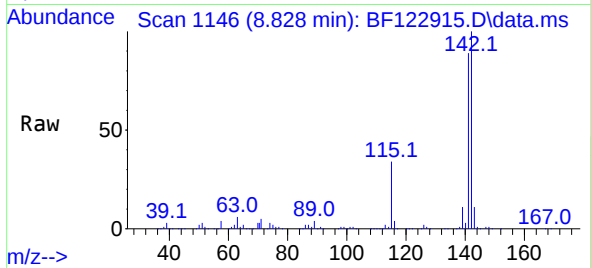
Tgt Ion:107 Resp: 337305
Ion Ratio Lower Upper
107 100
144 25.2 20.2 30.2
142 78.7 64.4 96.6





#37
2-Methylnaphthalene
Concen: 42.84 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

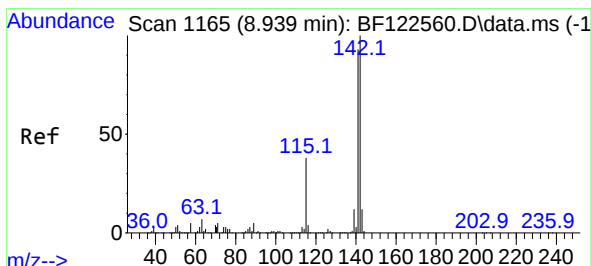
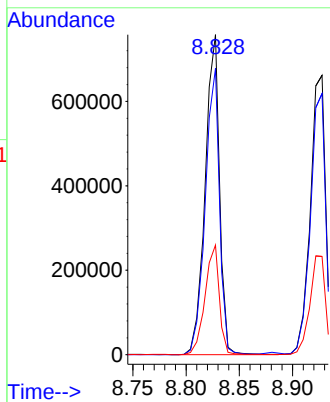
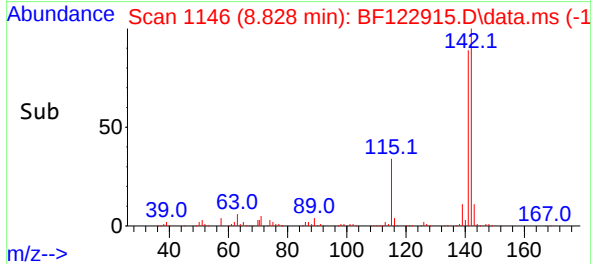
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



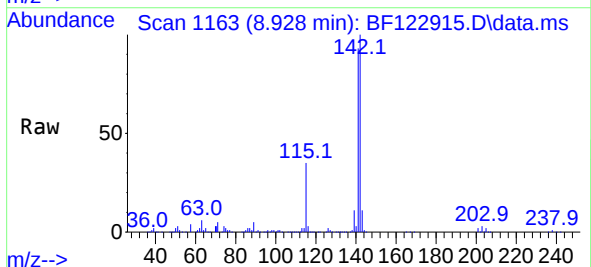
Tgt Ion:142 Resp: 716015
Ion Ratio Lower Upper
142 100
141 89.5 70.6 106.0
115 34.3 28.7 43.1

Manual Integrations
APPROVED

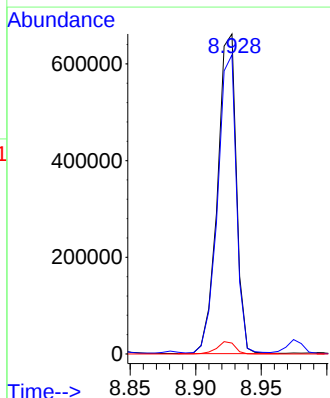
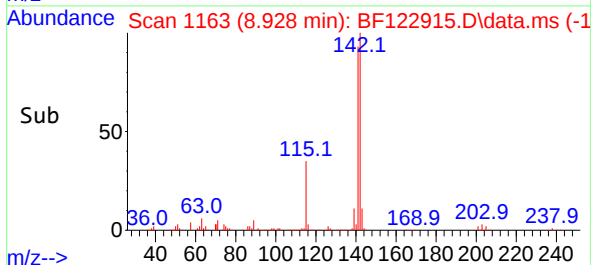
mohammad
1/5/2021 12:29:43 PM

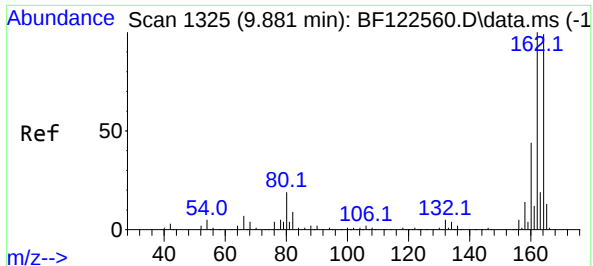


#38
1-Methylnaphthalene
Concen: 41.85 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



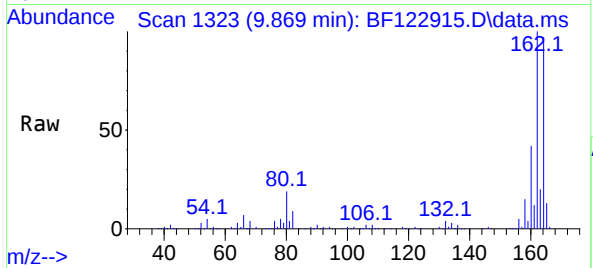
Tgt Ion:142 Resp: 661650
Ion Ratio Lower Upper
142 100
141 93.5 74.5 111.7
116 3.4 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

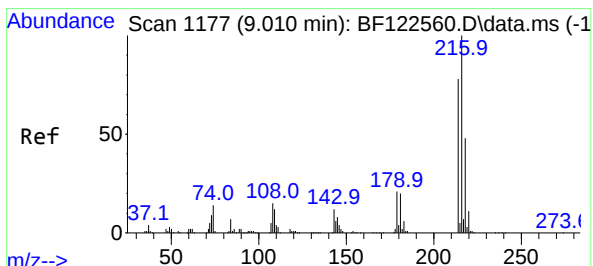
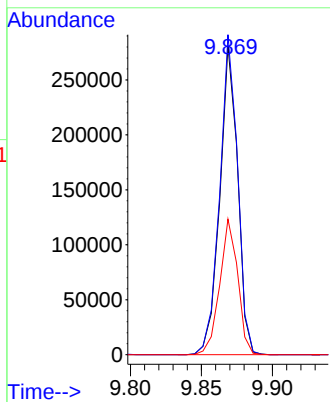
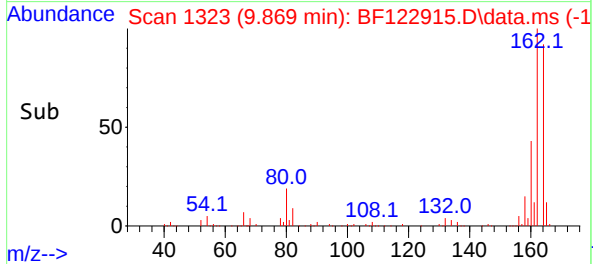
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



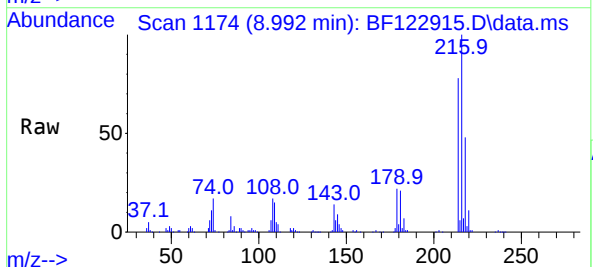
Tgt Ion:164 Resp: 245763
Ion Ratio Lower Upper
164 100
162 103.6 80.8 121.2
160 43.9 35.4 53.0

Manual Integrations
APPROVED

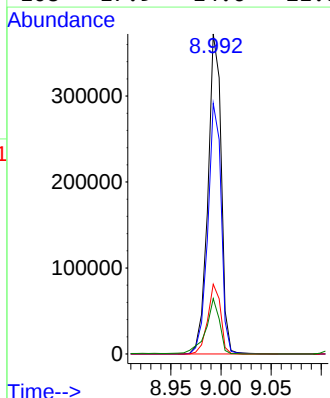
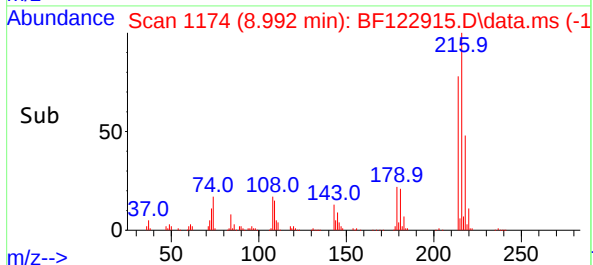
mohammad
1/5/2021 12:29:43 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.14 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:216 Resp: 343016
Ion Ratio Lower Upper
216 100
214 78.3 63.1 94.7
179 21.1 17.1 25.7
108 17.9 14.6 21.8





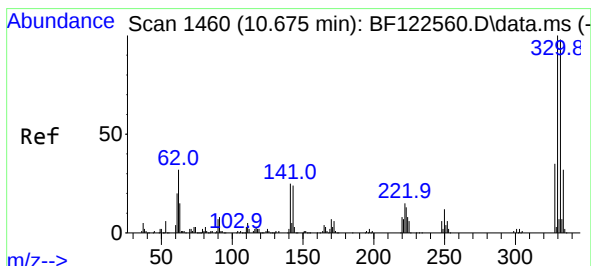
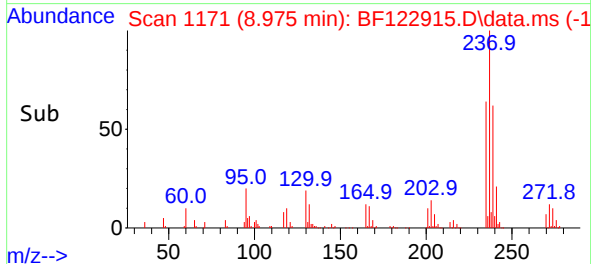
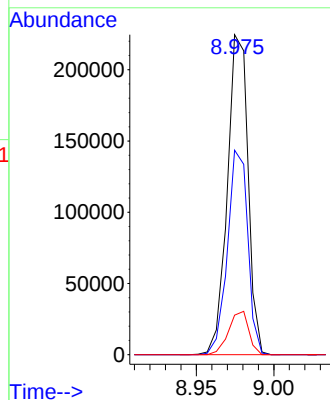
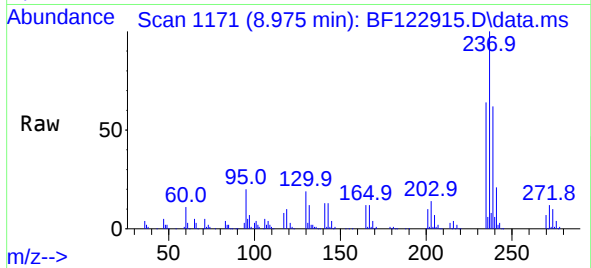
#41
Hexachlorocyclopentadiene
Concen: 57.96 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:237 Resp: 208610
Ion Ratio Lower Upper
237 100
235 63.9 40.9 80.9
272 12.3 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

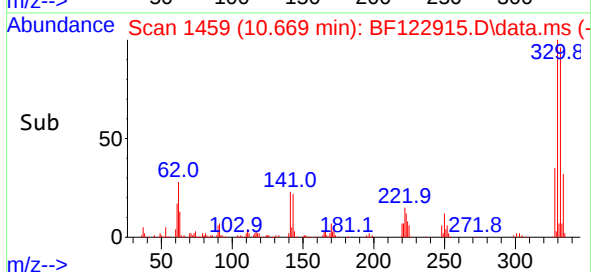
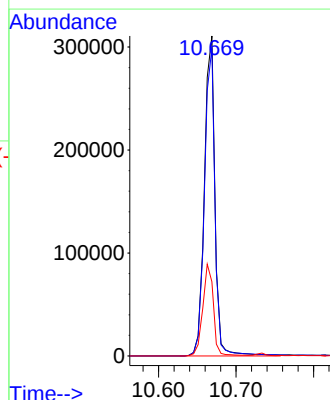
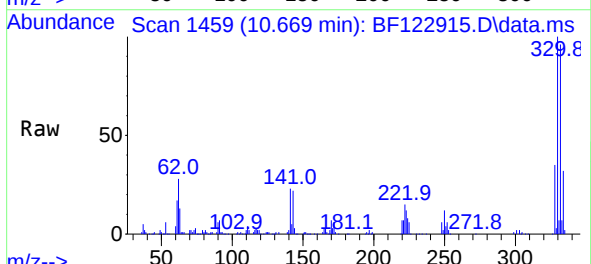
Manual Integrations
APPROVED

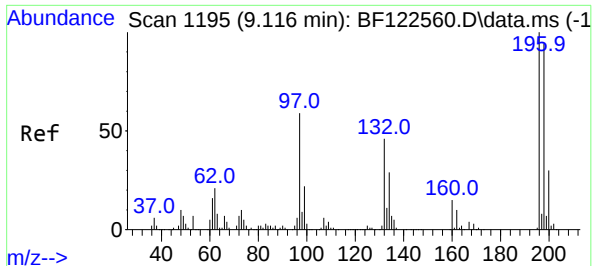
mohammad
1/5/2021 12:29:43 PM



#42
2,4,6-Tribromophenol
Concen: 91.52 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

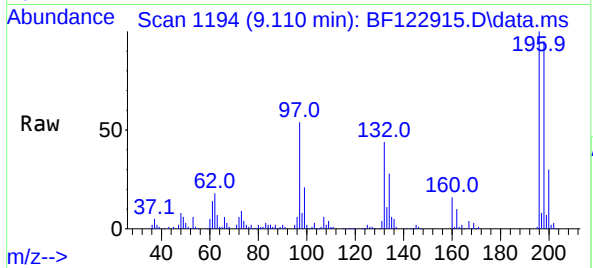
Tgt Ion:330 Resp: 294416
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 28.9 23.8 35.8





#43
2,4,6-Trichlorophenol
Concen: 40.97 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

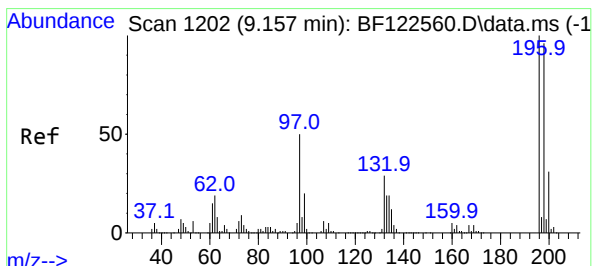
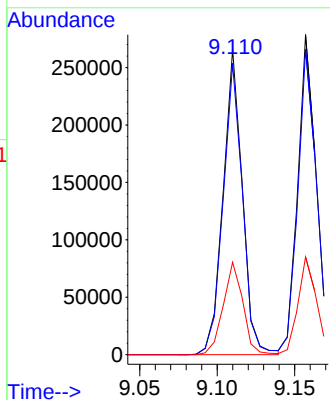
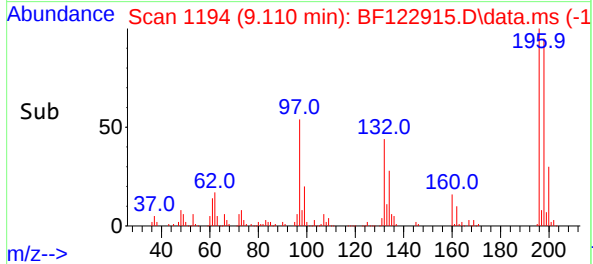
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



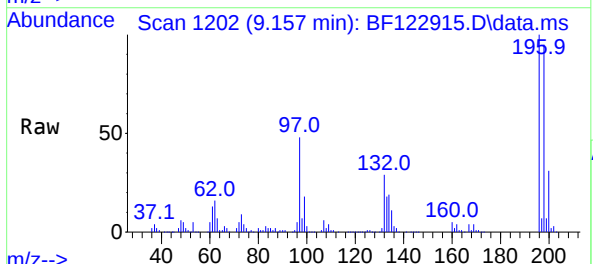
Tgt Ion:196 Resp: 230322
Ion Ratio Lower Upper
196 100
198 95.2 75.1 112.7
200 30.2 23.7 35.5

Manual Integrations
APPROVED

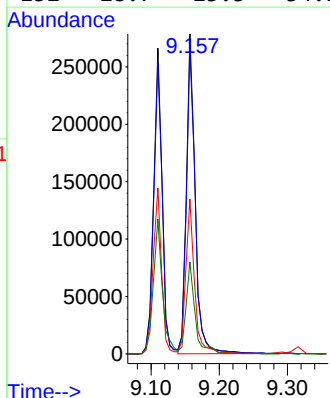
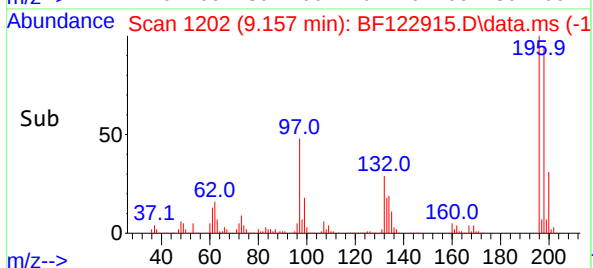
mohammad
1/5/2021 12:29:43 PM

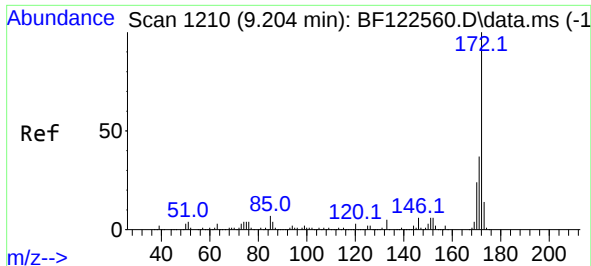


#44
2,4,5-Trichlorophenol
Concen: 42.60 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

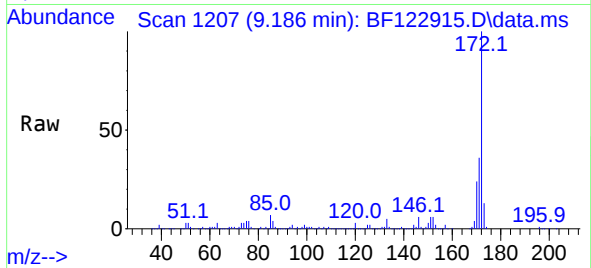


Tgt Ion:196 Resp: 247583
Ion Ratio Lower Upper
196 100
198 95.4 76.5 114.7
97 48.4 40.1 60.1
132 28.7 23.3 34.9

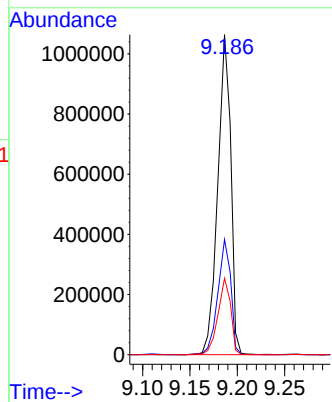
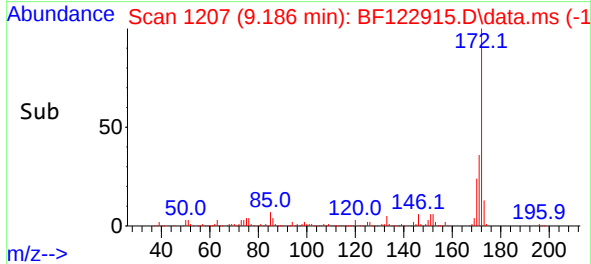




#45
2-Fluorobiphenyl
Concen: 56.00 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



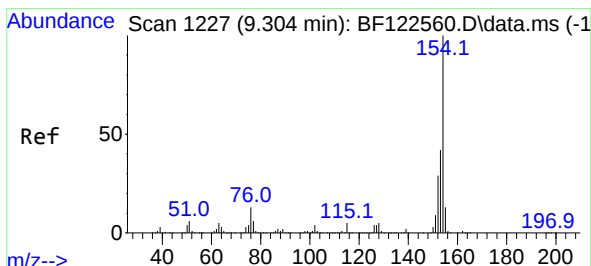
Tgt Ion:172 Resp: 1017609
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.9 19.5 29.3



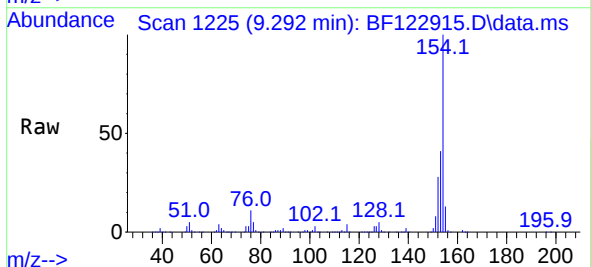
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

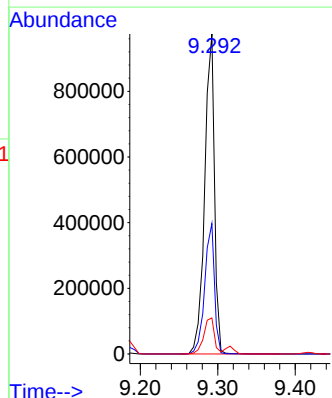
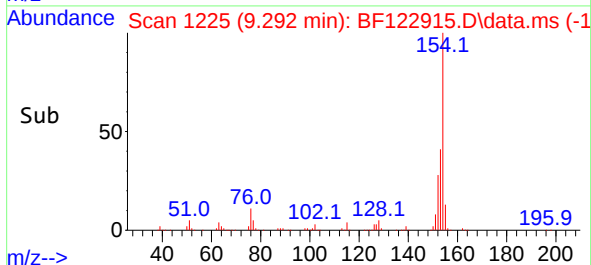
mohammad
1/5/2021 12:29:43 PM

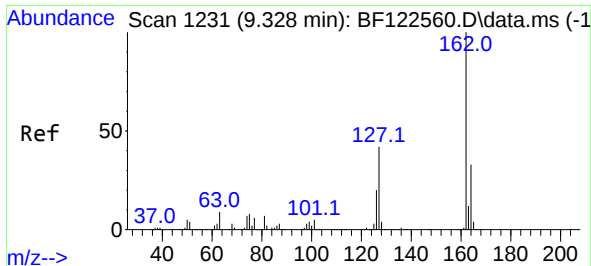


#46
1,1'-Biphenyl
Concen: 41.86 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:154 Resp: 853708
Ion Ratio Lower Upper
154 100
153 40.8 21.8 61.8
76 11.3 0.0 33.4





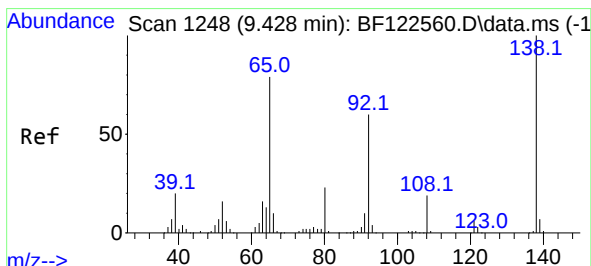
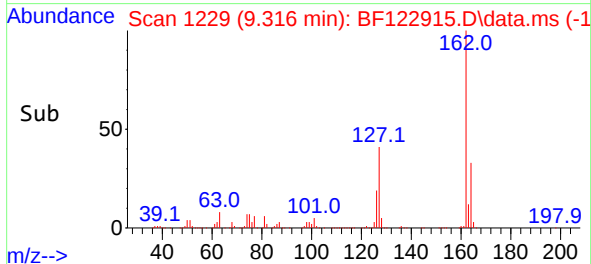
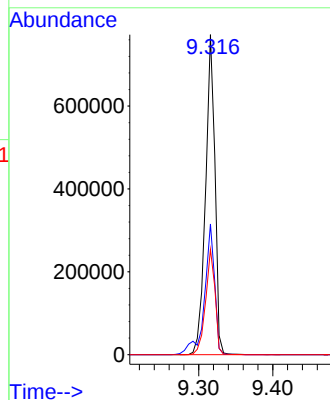
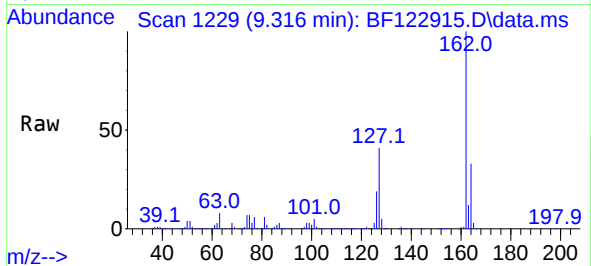
#47
2-Chloronaphthalene
Concen: 40.47 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:162 Resp: 683871
Ion Ratio Lower Upper
162 100
127 40.8 33.8 50.8
164 32.9 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

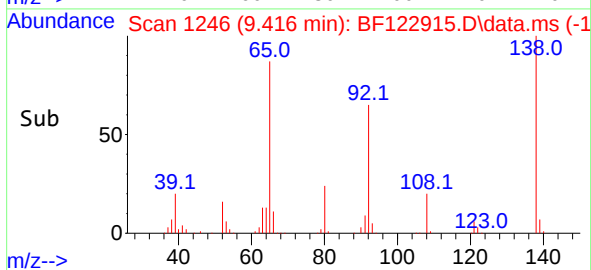
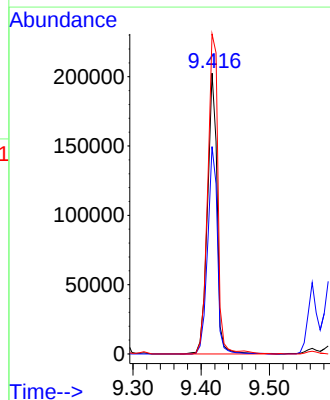
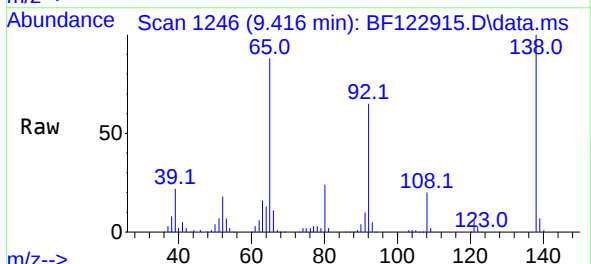
Manual Integrations
APPROVED

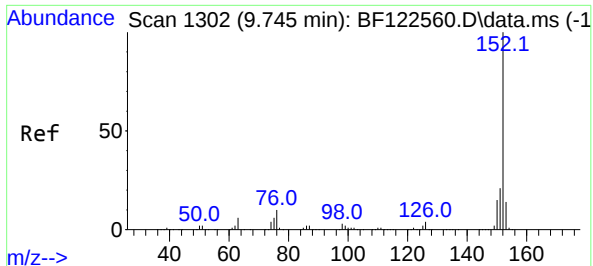
mohammad
1/5/2021 12:29:43 PM



#48
2-Nitroaniline
Concen: 40.19 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 65 Resp: 198003
Ion Ratio Lower Upper
65 100
92 73.9 60.0 90.0
138 114.0 100.6 151.0





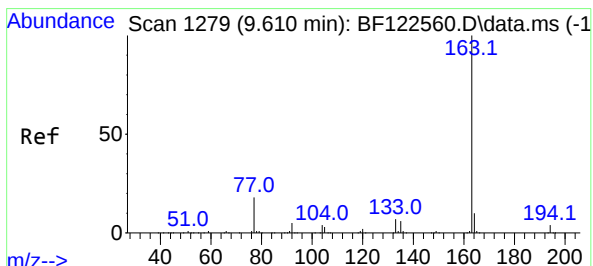
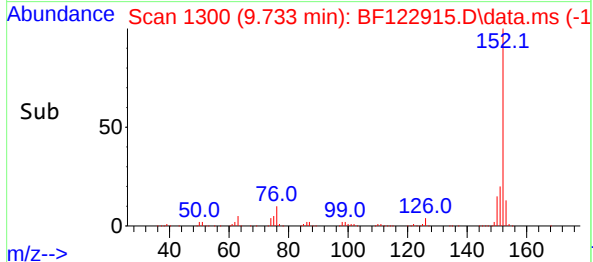
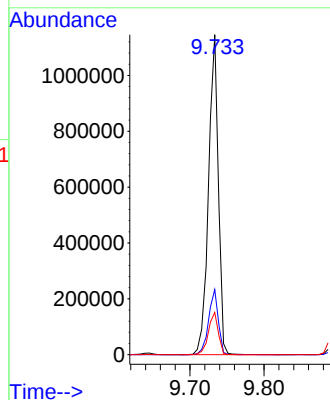
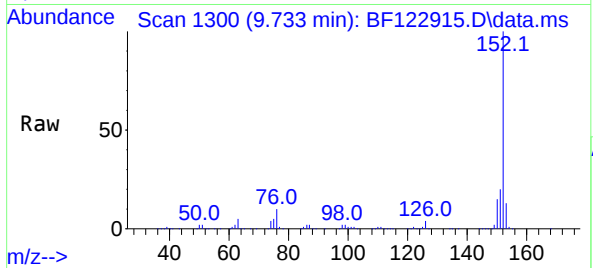
#49
Acenaphthylene
Concen: 42.27 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:152 Resp: 1055147
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 13.2 10.9 16.3

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

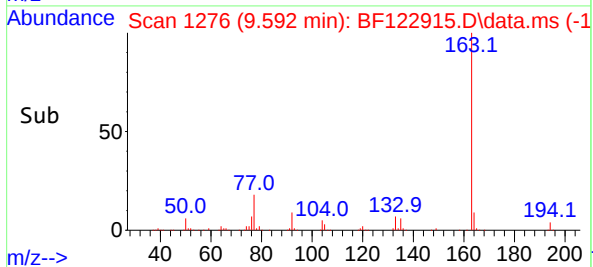
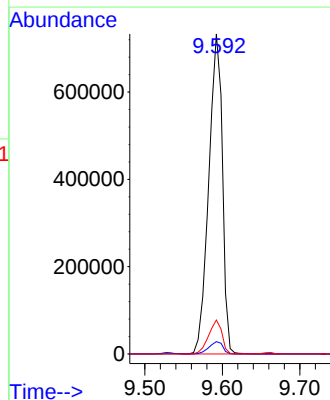
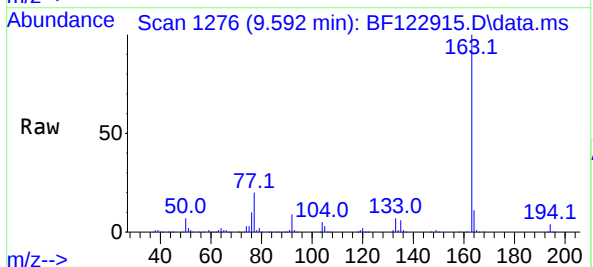
Manual Integrations
APPROVED

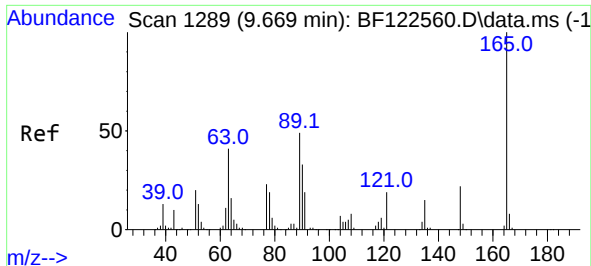
mohammad
1/5/2021 12:29:43 PM



#50
Dimethylphthalate
Concen: 45.60 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:163 Resp: 894941
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.6 8.1 12.1





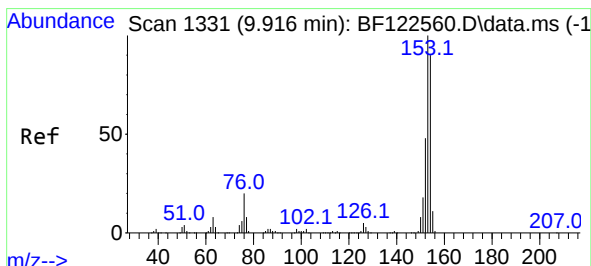
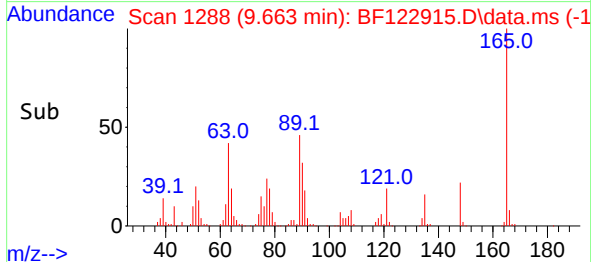
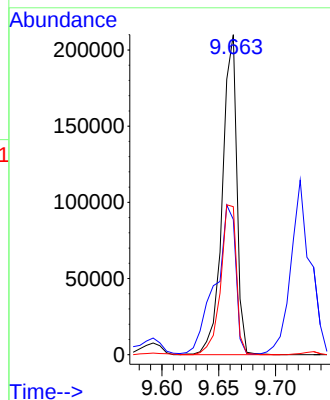
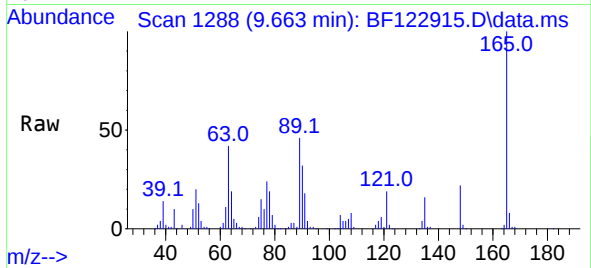
#51
2,6-Dinitrotoluene
Concen: 45.13 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:165 Resp: 187086
Ion Ratio Lower Upper
165 100
63 42.3 36.6 55.0
89 46.3 39.4 59.0

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

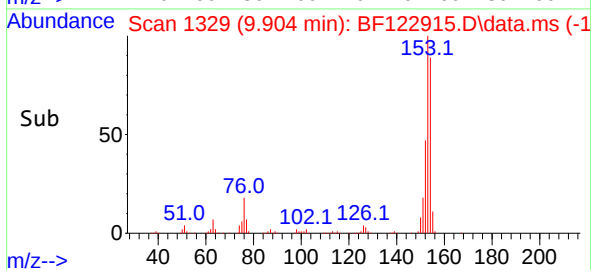
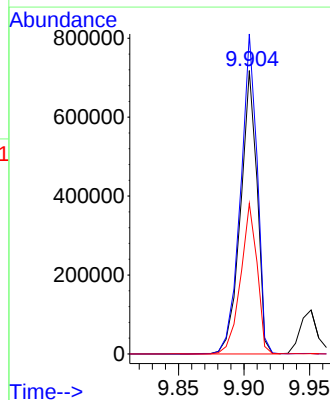
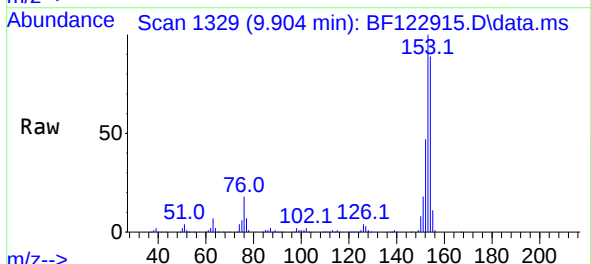
Manual Integrations
APPROVED

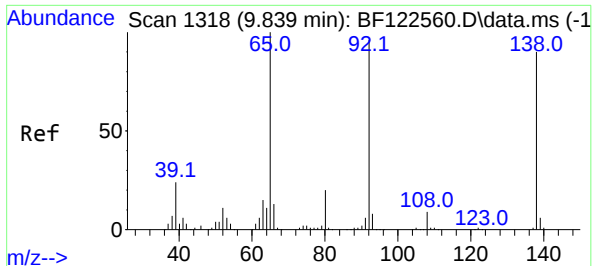
mohammad
1/5/2021 12:29:43 PM



#52
Acenaphthene
Concen: 39.09 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:154 Resp: 631276
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 53.1 42.7 64.1





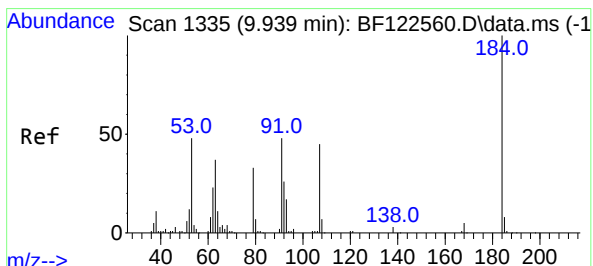
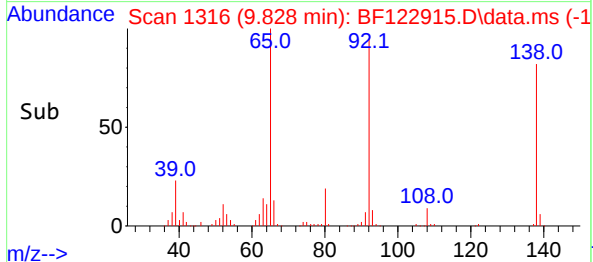
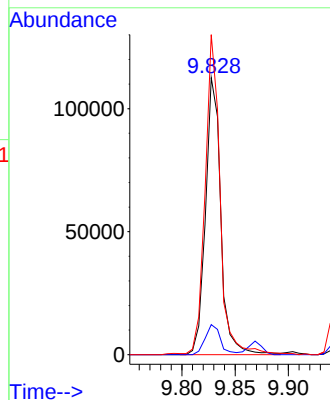
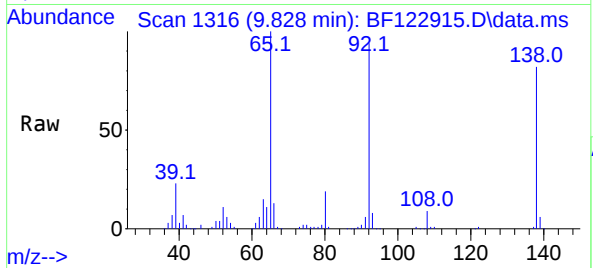
#53
3-Nitroaniline
Concen: 23.57 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:138 Resp: 112921
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 115.5 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

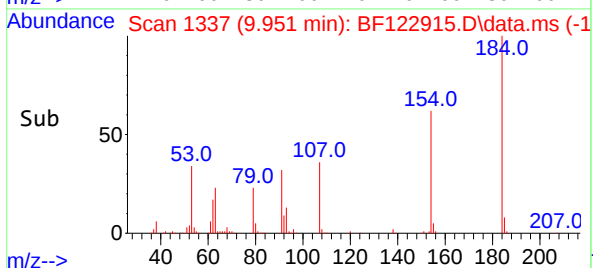
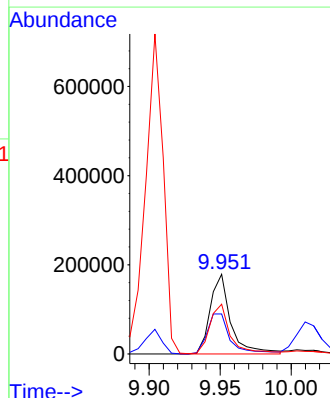
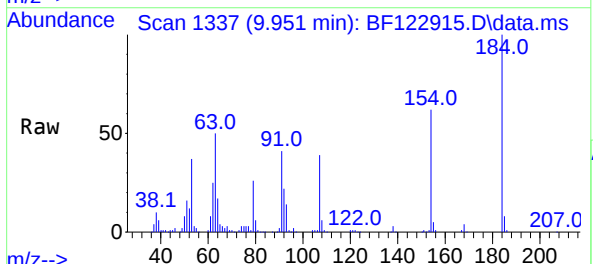
Manual Integrations
APPROVED

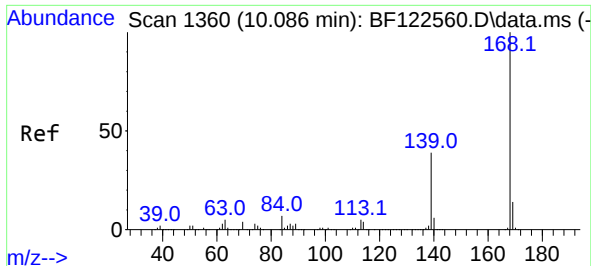
mohammad
1/5/2021 12:29:43 PM



#54
2,4-Dinitrophenol
Concen: 88.72 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

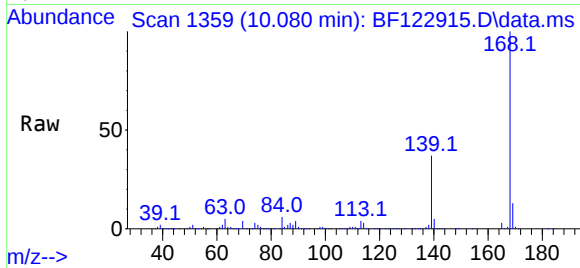
Tgt Ion:184 Resp: 179811
Ion Ratio Lower Upper
184 100
63 50.2 51.4 77.2#
154 62.4 49.7 74.5





#55
Dibenzenofuran
Concen: 41.49 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

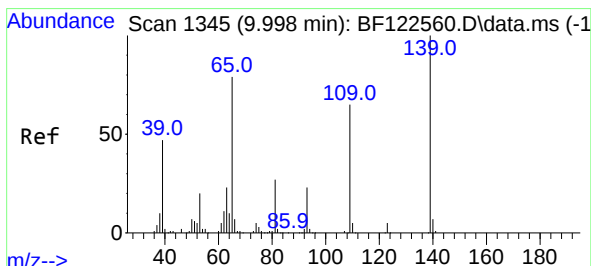
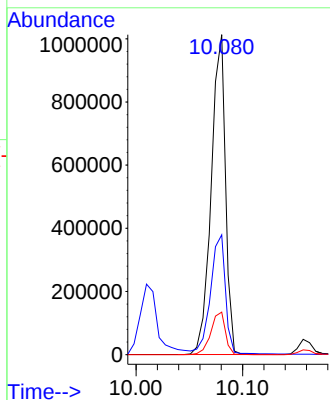
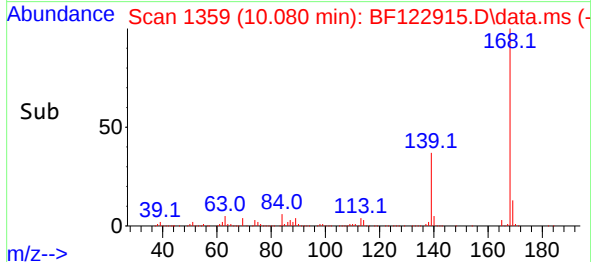
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



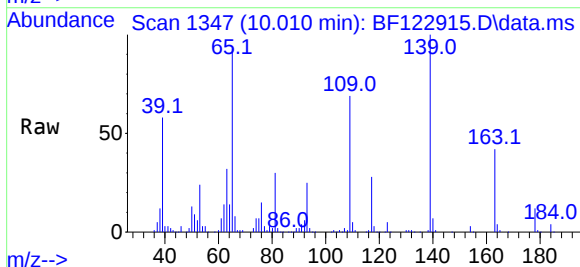
Tgt Ion:168 Resp: 942404
Ion Ratio Lower Upper
168 100
139 37.5 31.3 46.9
169 13.3 11.2 16.8

Manual Integrations
APPROVED

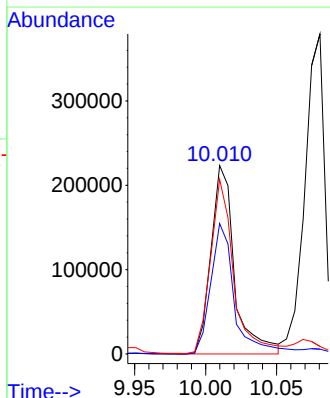
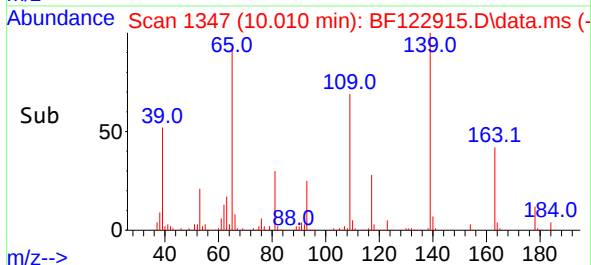
mohammad
1/5/2021 12:29:43 PM



#56
4-Nitrophenol
Concen: 75.90 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

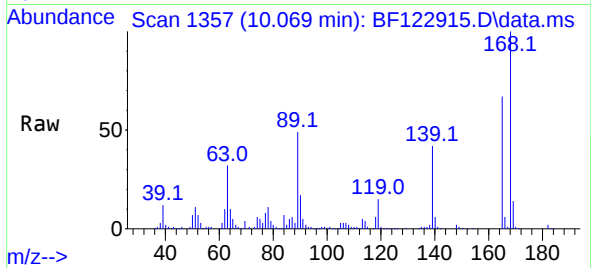


Tgt Ion:139 Resp: 259227
Ion Ratio Lower Upper
139 100
109 69.1 45.1 85.1
65 92.6 59.2 99.2

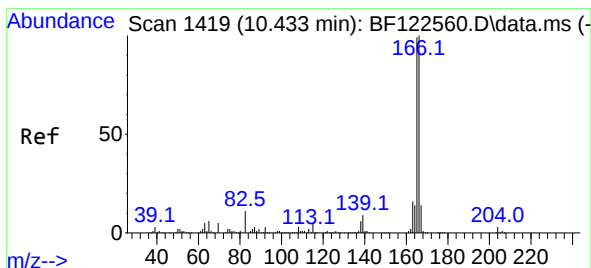
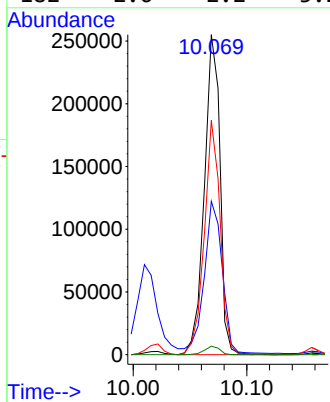
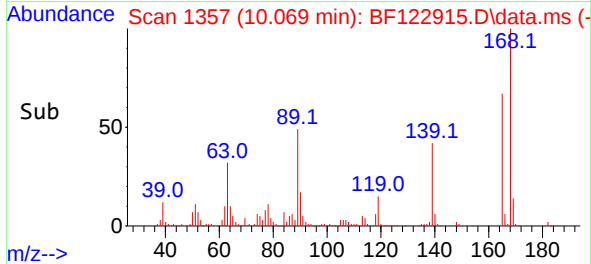




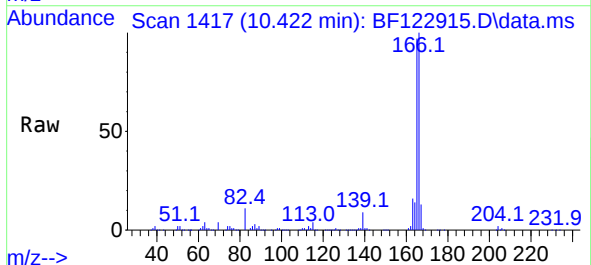
#57
2,4-Dinitrotoluene
Concen: 44.15 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



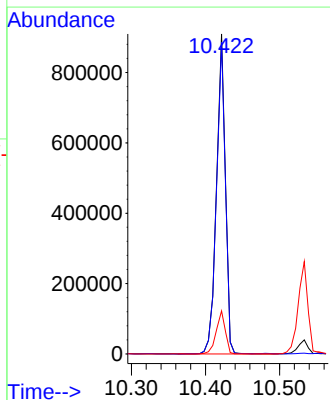
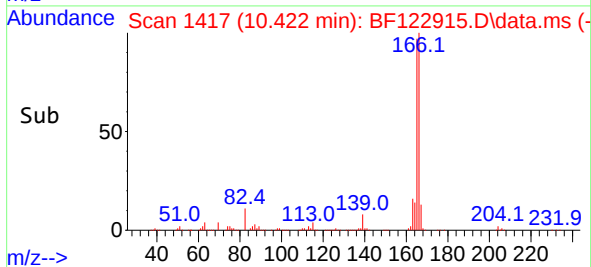
Tgt Ion:165 Resp: 243777
Ion Ratio Lower Upper
165 100
63 48.0 34.3 51.5
89 73.2 55.2 82.8
182 2.6 2.2 3.2



#58
Fluorene
Concen: 41.96 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:166 Resp: 758201
Ion Ratio Lower Upper
166 100
165 97.4 79.4 119.0
167 13.5 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



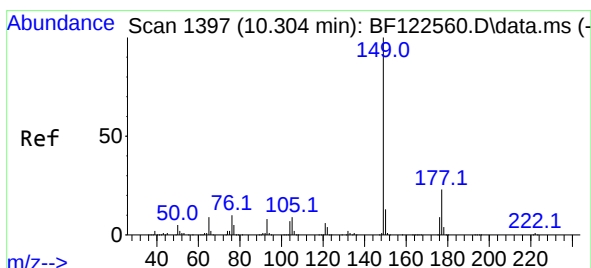
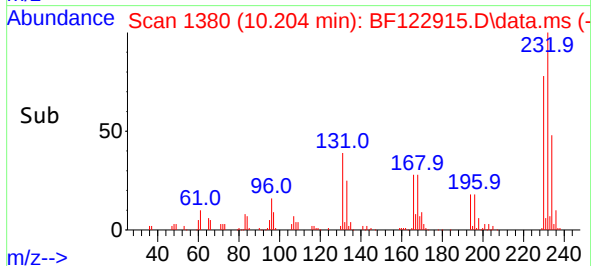
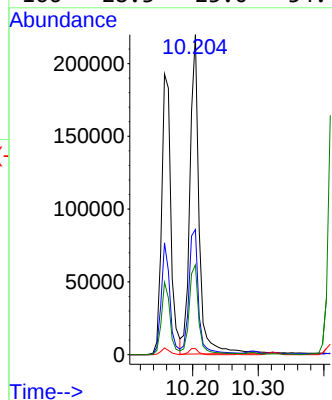
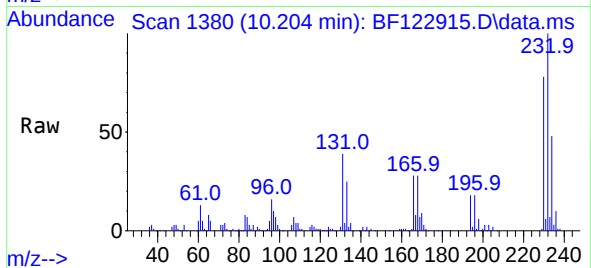
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.63 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:232 Resp: 212535
Ion Ratio Lower Upper
232 100
131 40.3 33.0 49.4
130 1.9 1.7 2.5
166 28.3 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

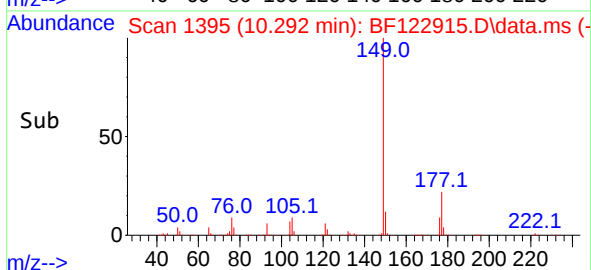
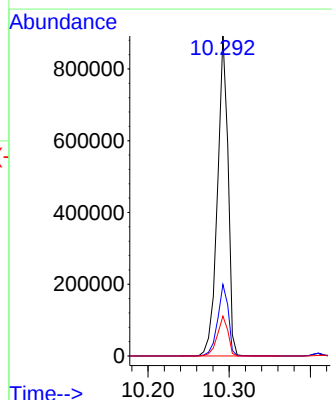
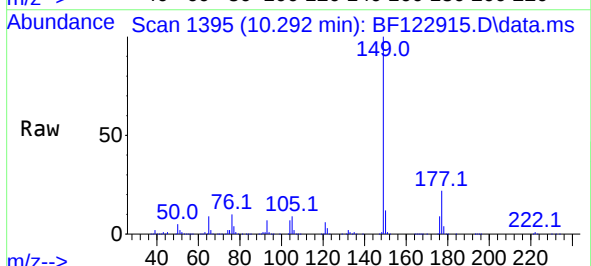
Manual Integrations
APPROVED

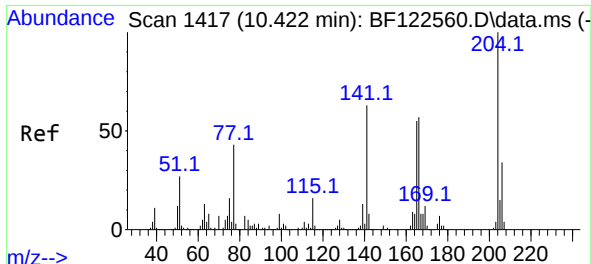
mohammad
1/5/2021 12:29:43 PM



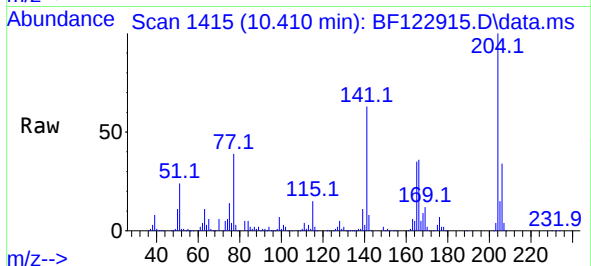
#60
Diethylphthalate
Concen: 42.20 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:149 Resp: 805653
Ion Ratio Lower Upper
149 100
177 22.3 18.2 27.4
150 12.4 10.1 15.1

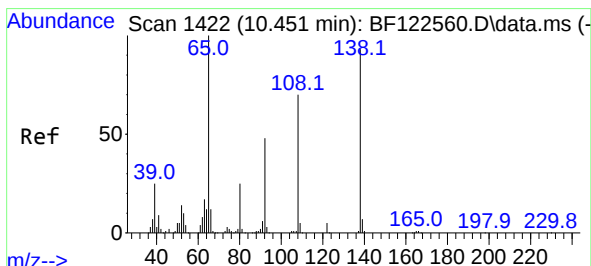
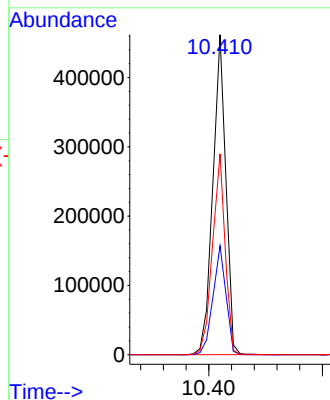
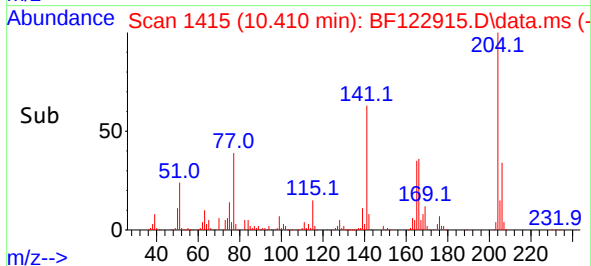




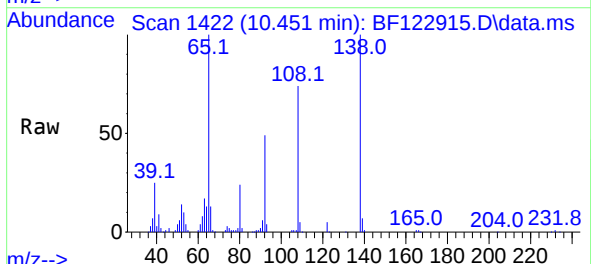
#61
4-Chlorophenyl-phenylether
Concen: 41.24 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



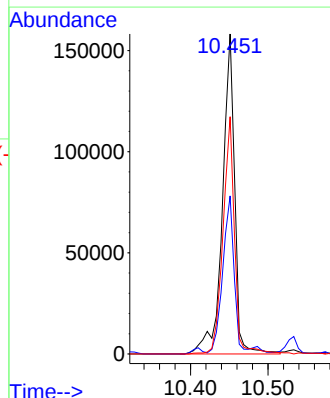
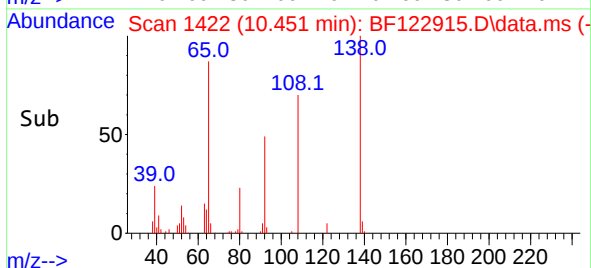
Tgt Ion:204 Resp: 366882
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 62.7 50.4 75.6



#62
4-Nitroaniline
Concen: 35.78 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



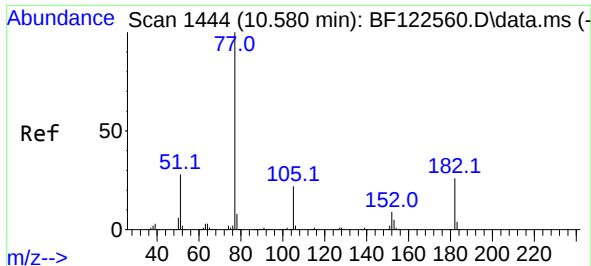
Tgt Ion:138 Resp: 173958
Ion Ratio Lower Upper
138 100
92 49.4 31.0 71.0
108 74.2 54.8 94.8



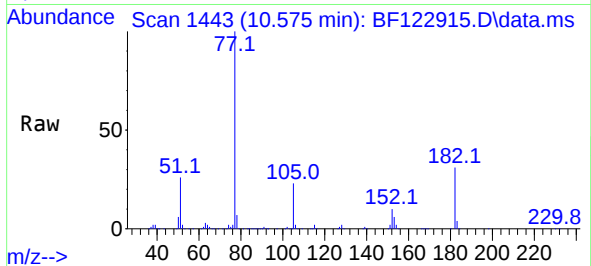
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

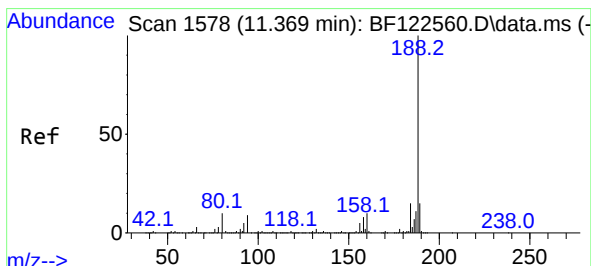
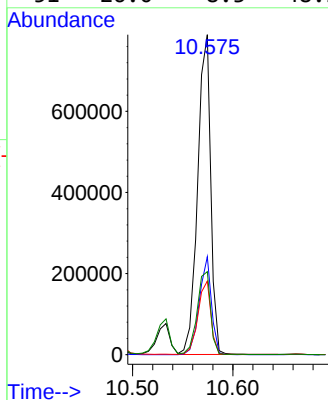
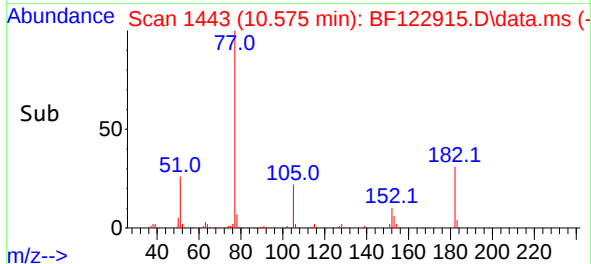
mohammad
1/5/2021 12:29:43 PM



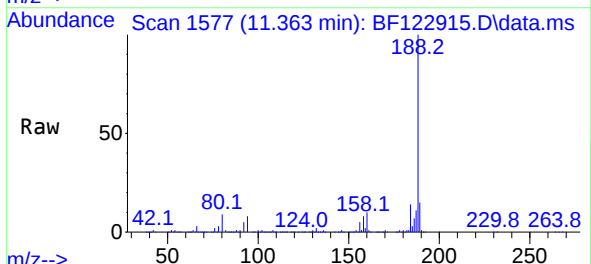
#63
Azobenzene
Concen: 40.93 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



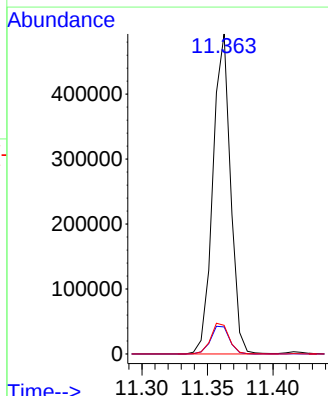
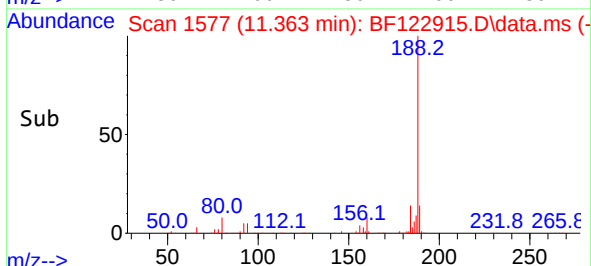
Tgt Ion: 77 Resp: 718292
Ion Ratio Lower Upper
77 100
182 30.6 5.6 45.6
105 23.0 1.8 41.8
51 26.0 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



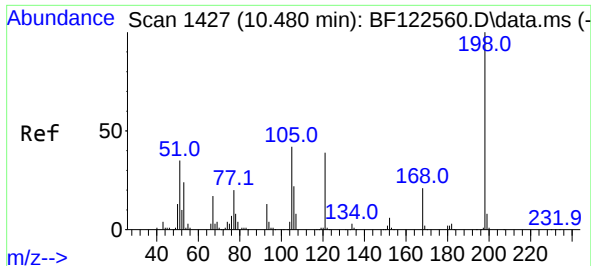
Tgt Ion: 188 Resp: 460123
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.0 8.2 12.4



Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

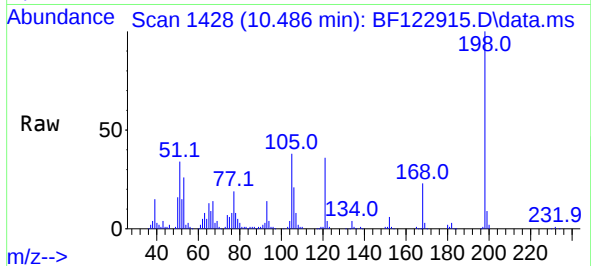
Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#65
4,6-Dinitro-2-methylphenol
Concen: 45.23 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

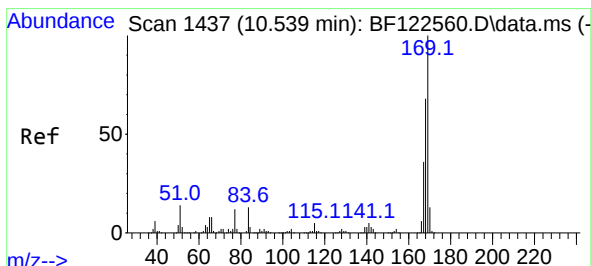
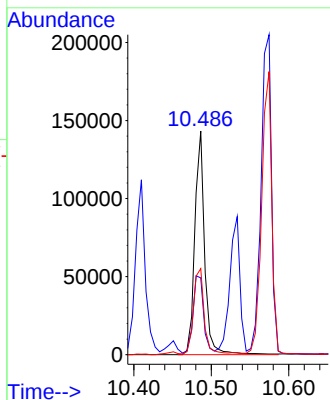
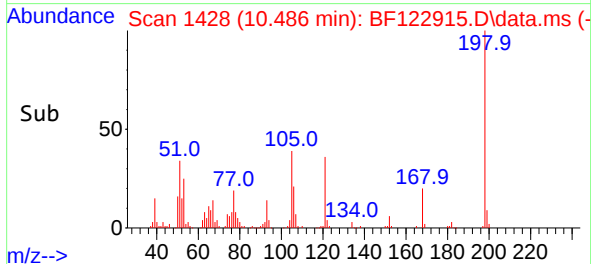
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



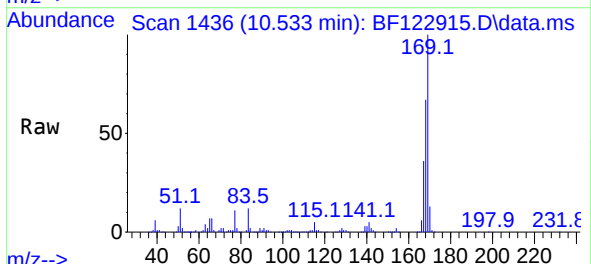
Tgt Ion:198 Resp: 126893
Ion Ratio Lower Upper
198 100
51 34.3 20.3 60.3
105 38.5 23.0 63.0

Manual Integrations
APPROVED

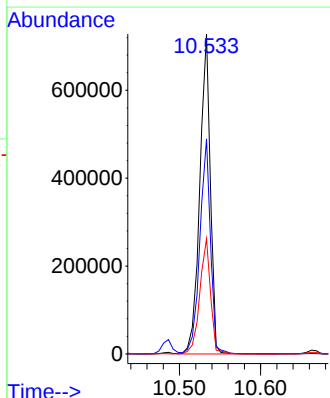
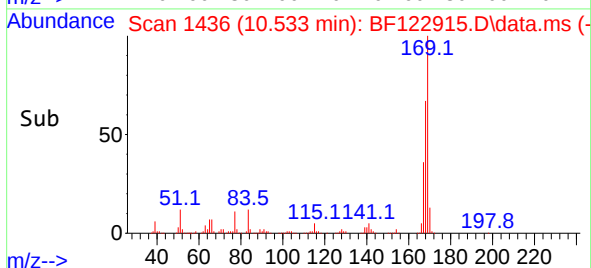
mohammad
1/5/2021 12:29:43 PM

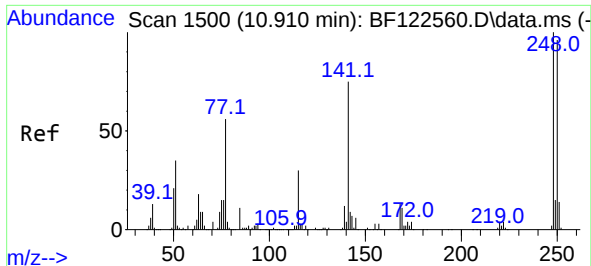


#66
n-Nitrosodiphenylamine
Concen: 40.54 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:169 Resp: 659091
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 36.0 29.2 43.8





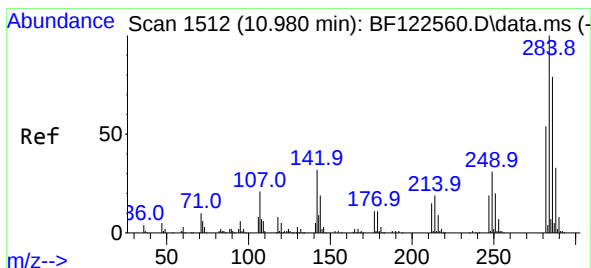
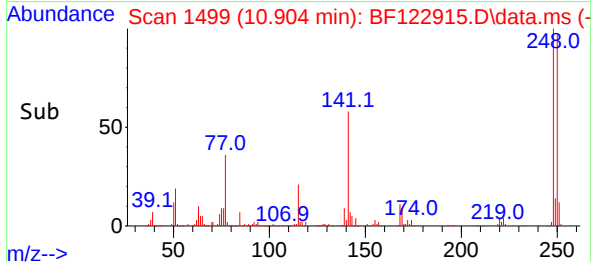
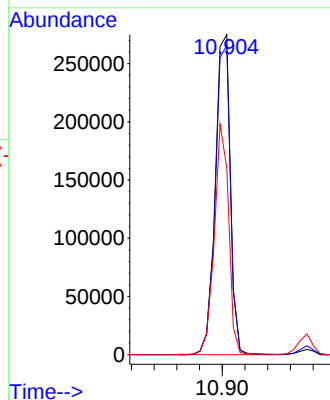
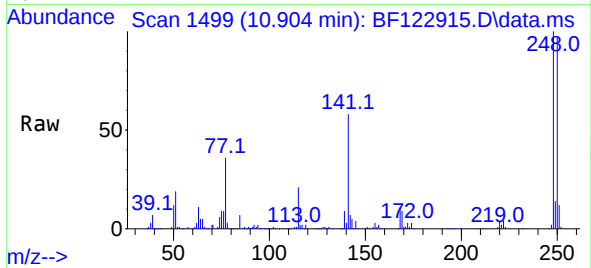
#67
4-Bromophenyl-phenylether
Concen: 40.75 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:248 Resp: 254056
Ion Ratio Lower Upper
248 100
250 96.6 76.8 115.2
141 58.4 59.8 89.8#

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

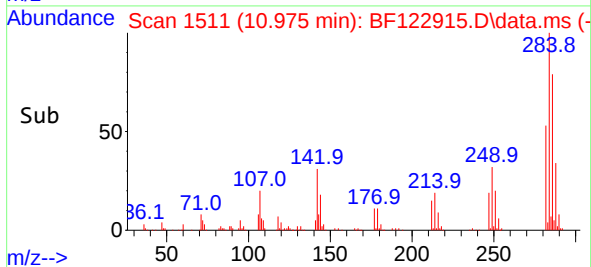
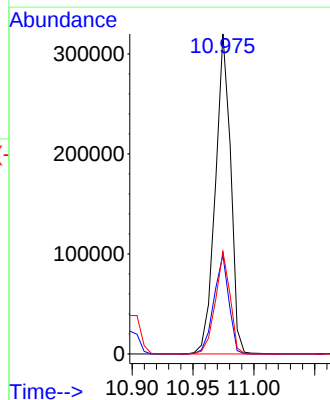
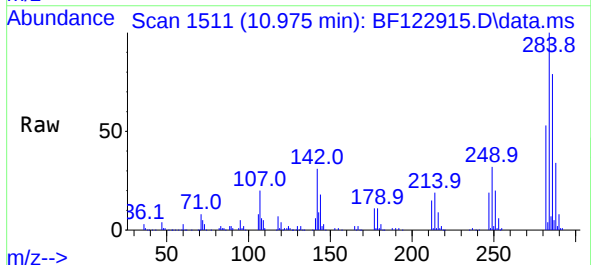
Manual Integrations
APPROVED

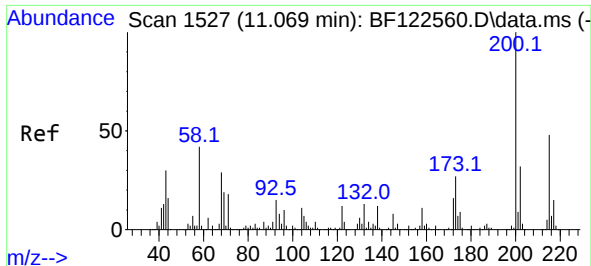
mohammad
1/5/2021 12:29:43 PM



#68
Hexachlorobenzene
Concen: 40.44 ng
RT: 10.975 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:284 Resp: 278743
Ion Ratio Lower Upper
284 100
142 31.0 25.6 38.4
249 32.1 25.1 37.7





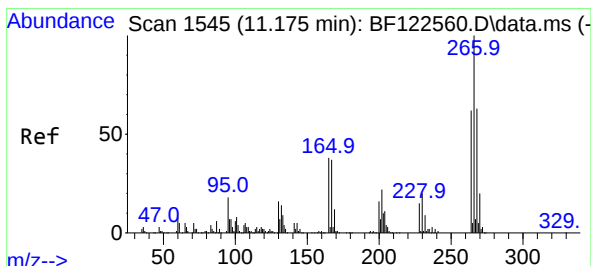
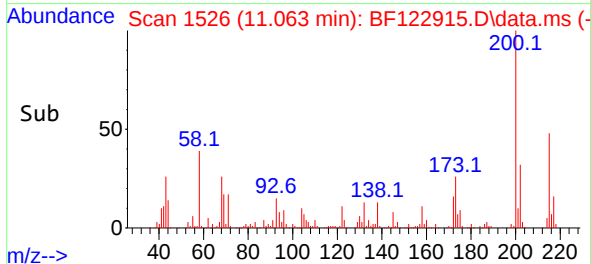
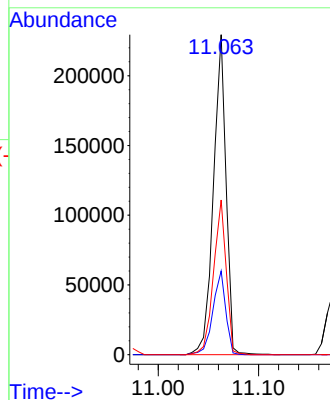
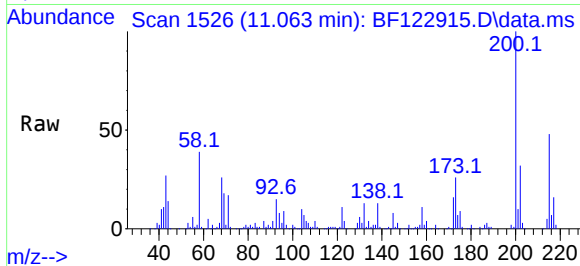
#69
Atrazine
Concen: 38.00 ng
RT: 11.063 min Scan# 1526
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:200 Resp: 200646
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 48.4 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

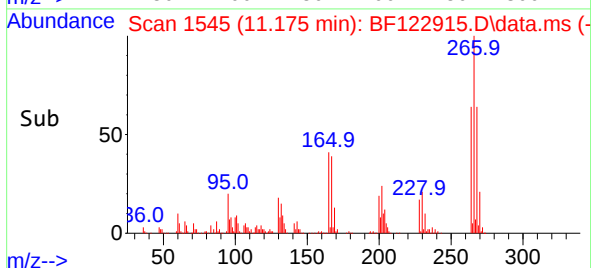
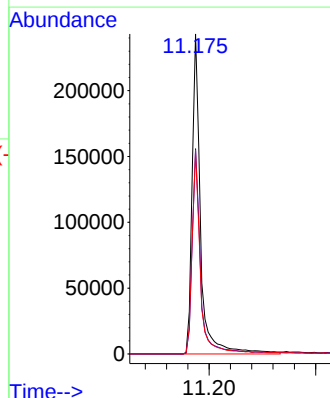
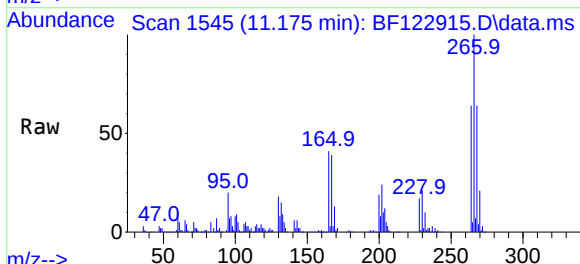
Manual Integrations
APPROVED

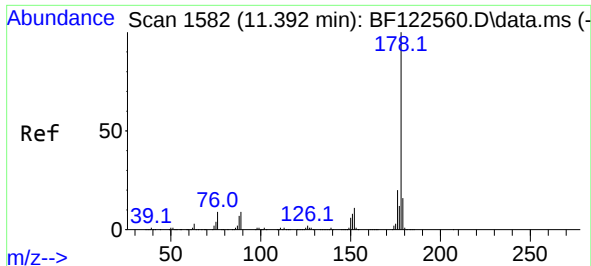
mohammad
1/5/2021 12:29:43 PM



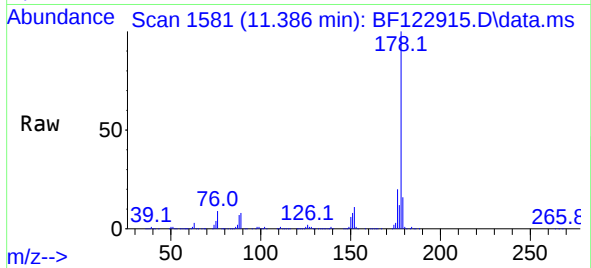
#70
Pentachlorophenol
Concen: 74.12 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:266 Resp: 270680
Ion Ratio Lower Upper
266 100
268 64.2 50.5 75.7
264 63.6 49.8 74.8

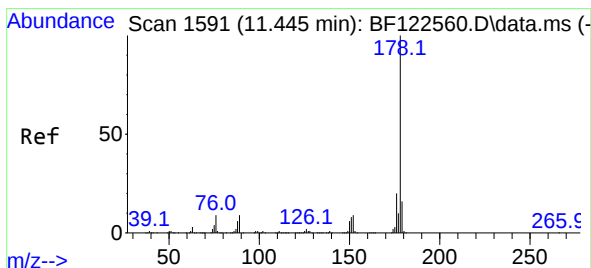
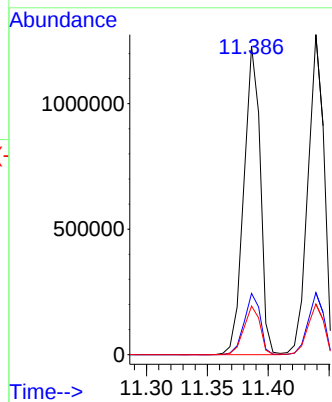
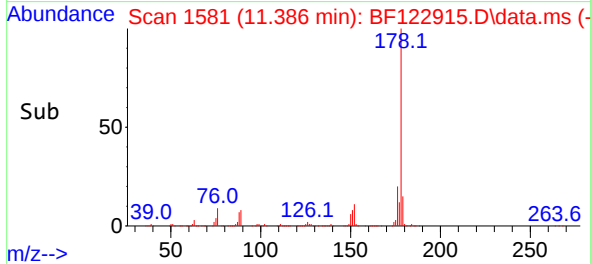




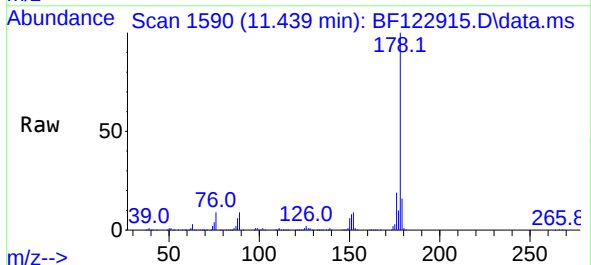
#71
Phenanthrene
Concen: 42.30 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



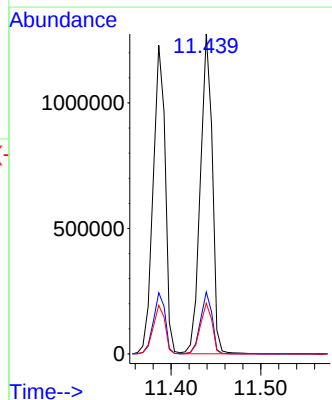
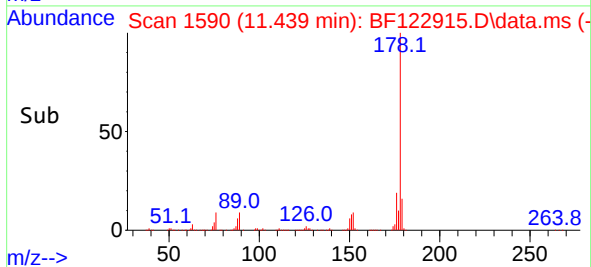
Tgt Ion:178 Resp: 1156776
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 43.37 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



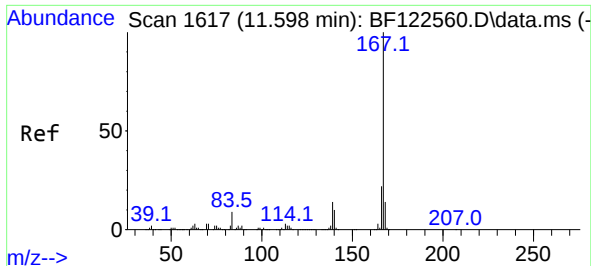
Tgt Ion:178 Resp: 1175892
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.8 19.2



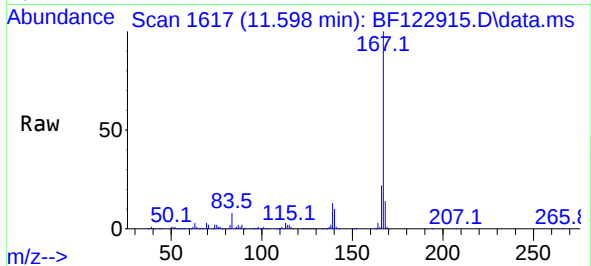
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM

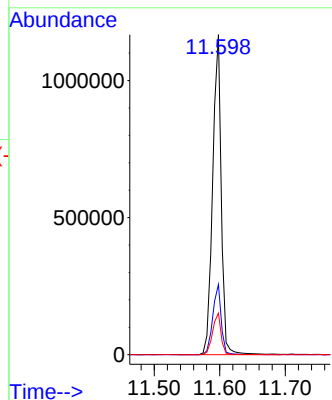


#73
 Carbazole
 Concen: 43.40 ng
 RT: 11.598 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: BF122915.D
 Acq: 4 Jan 2021 18:36



Tgt Ion:167 Resp: 1067324

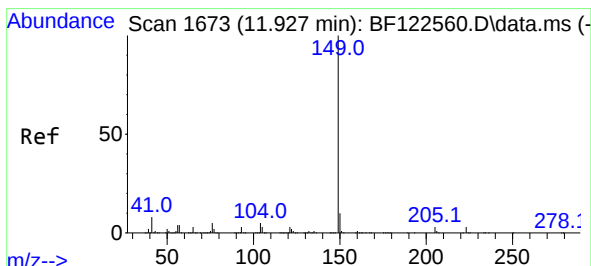
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.0	10.9	16.3



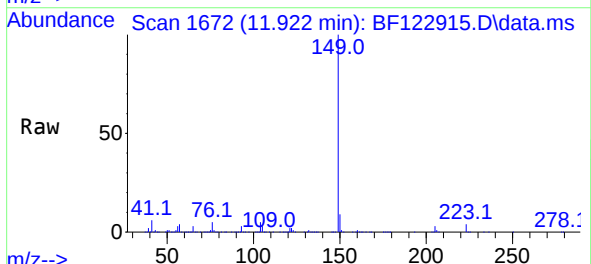
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-123120MSD

Manual Integrations
 APPROVED

mohammad
 1/5/2021 12:29:43 PM

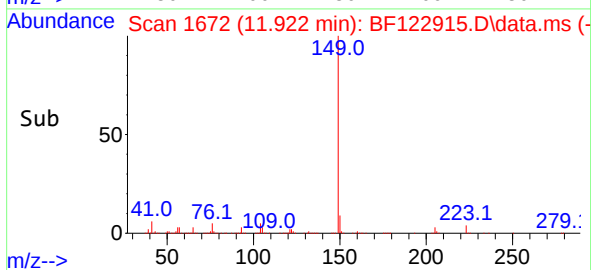
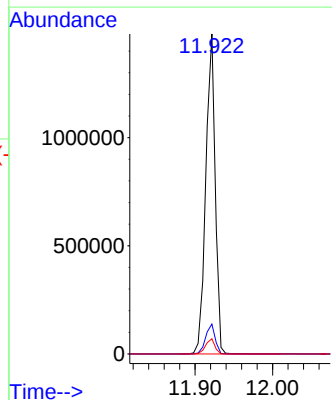


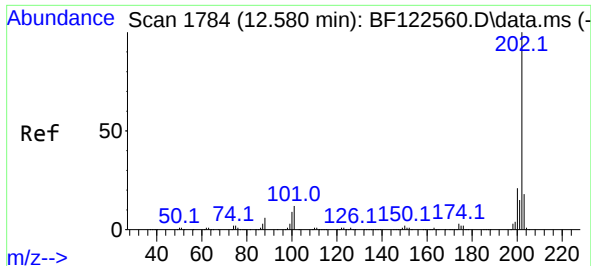
#74
 Di-n-butylphthalate
 Concen: 40.50 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF122915.D
 Acq: 4 Jan 2021 18:36



Tgt Ion:149 Resp: 1251342

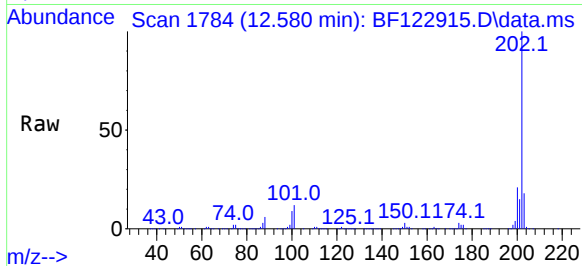
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.7	4.2	6.4





#75
Fluoranthene
Concen: 41.21 ng
RT: 12.580 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

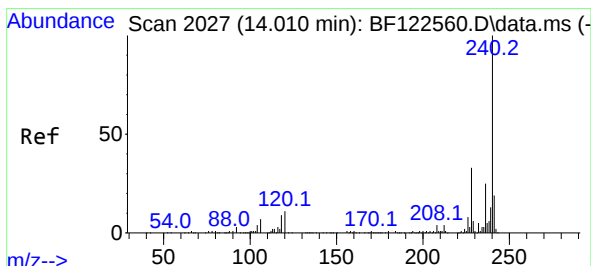
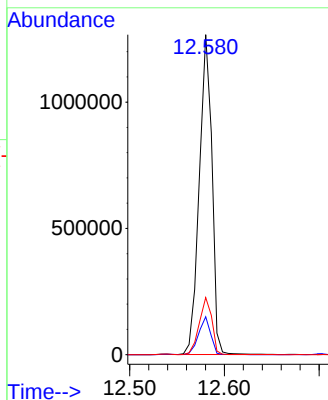
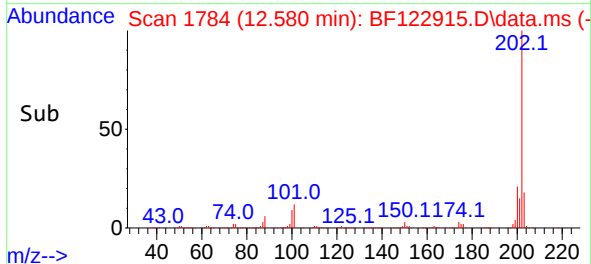
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



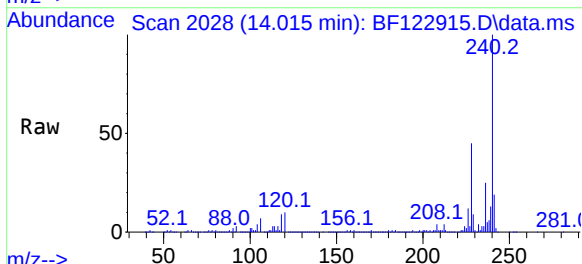
Tgt Ion:202 Resp: 1181827
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.2
203 17.8 0.0 38.1

Manual Integrations
APPROVED

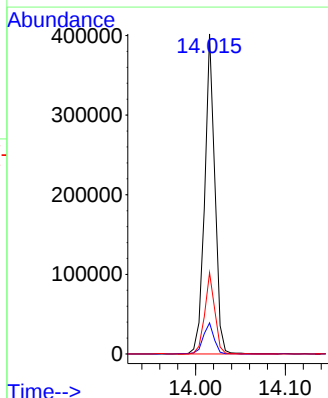
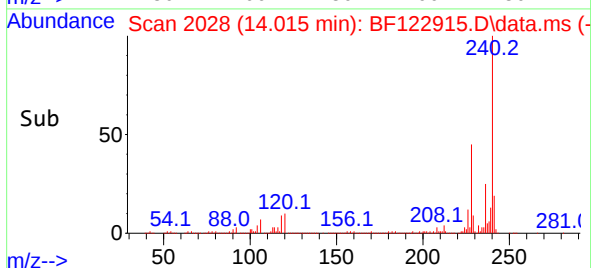
mohammad
1/5/2021 12:29:43 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

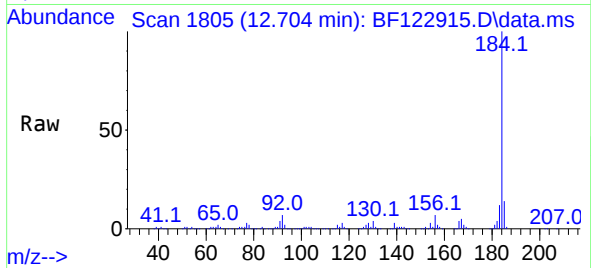


Tgt Ion:240 Resp: 315934
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.4 20.3 30.5

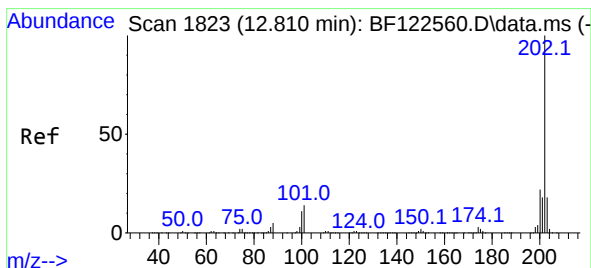
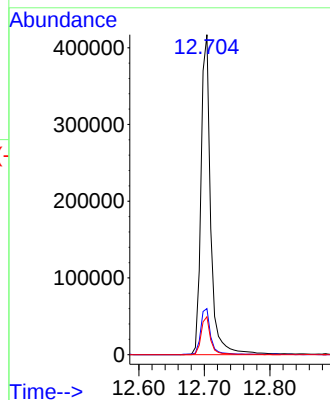
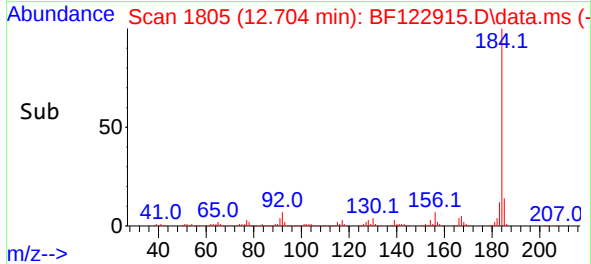




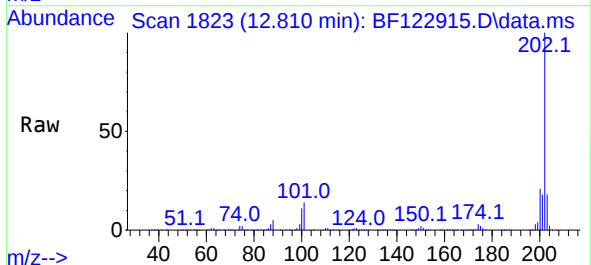
#77
Benzidine
Concen: 62.85 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



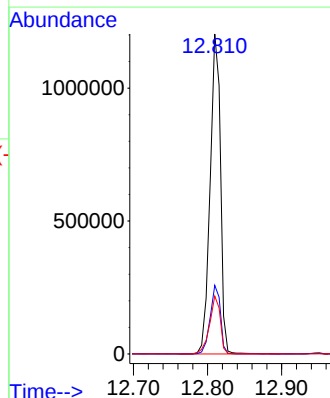
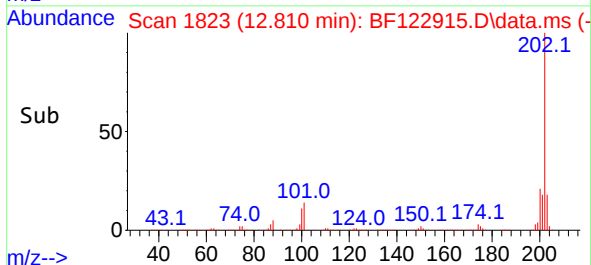
Tgt Ion:184 Resp: 429516
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.6
183 11.8 9.7 14.5



#78
Pyrene
Concen: 47.78 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:202 Resp: 1167076
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.1 14.6 21.8



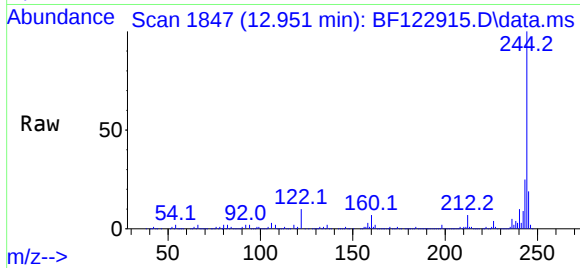
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

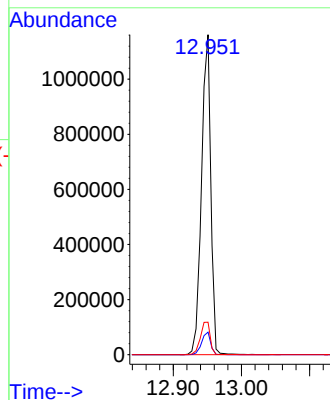
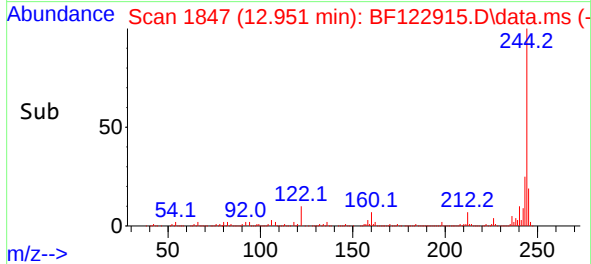
mohammad
1/5/2021 12:29:43 PM



#79
Terphenyl-d14
Concen: 60.93 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



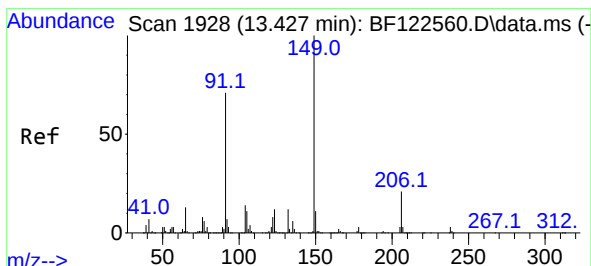
Tgt Ion:244 Resp: 1099664
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.1 8.3 12.5



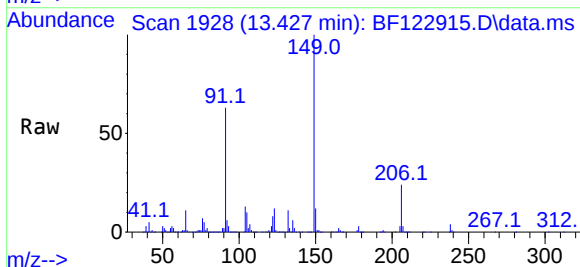
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

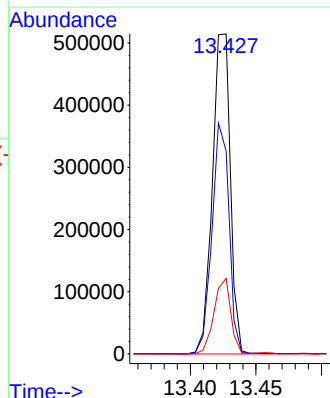
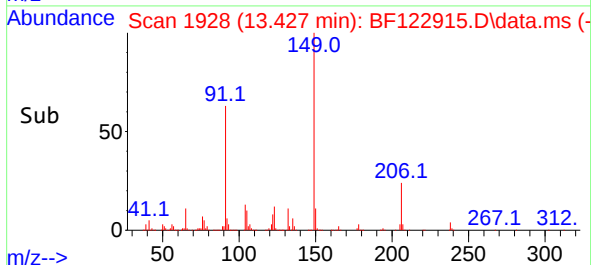
mohammad
1/5/2021 12:29:43 PM

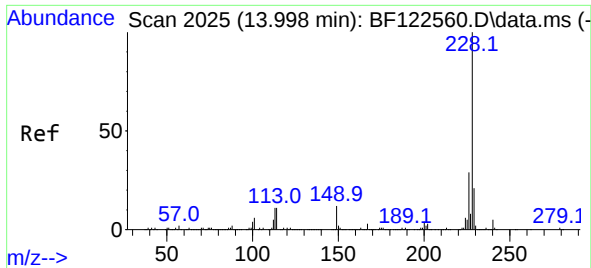


#80
Butylbenzylphthalate
Concen: 44.71 ng
RT: 13.427 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



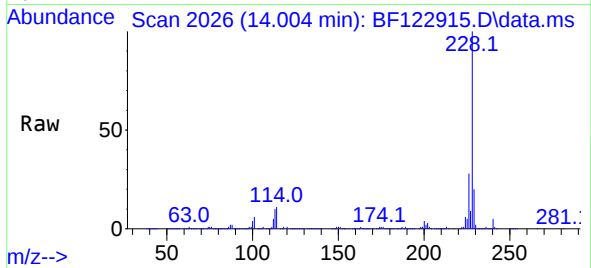
Tgt Ion:149 Resp: 491979
Ion Ratio Lower Upper
149 100
91 63.4 56.5 84.7
206 23.6 17.0 25.6





#81
Benzo(a)anthracene
Concen: 44.20 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

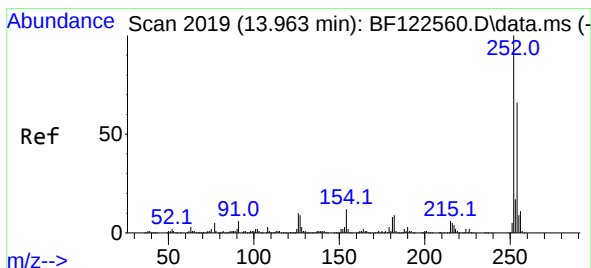
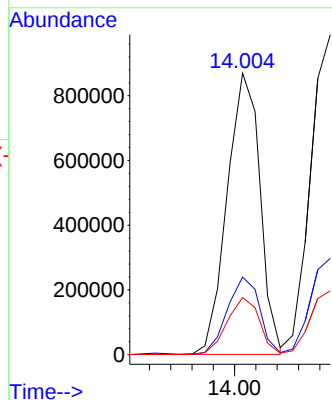
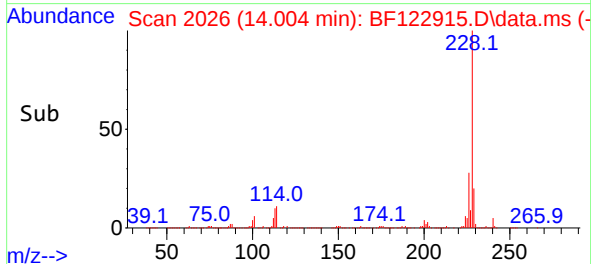
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



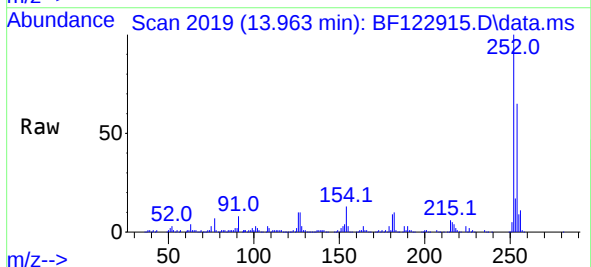
Tgt Ion:228 Resp: 933222
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 20.3 16.6 24.8

Manual Integrations
APPROVED

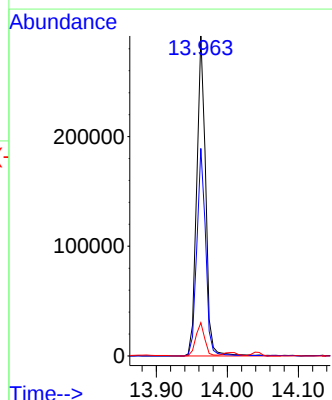
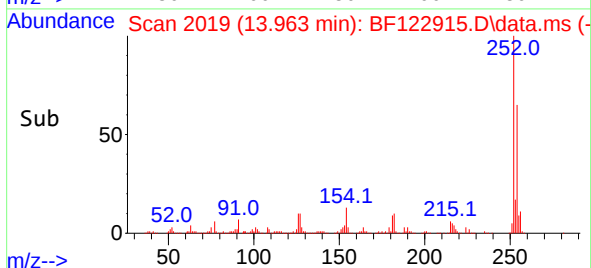
mohammad
1/5/2021 12:29:43 PM

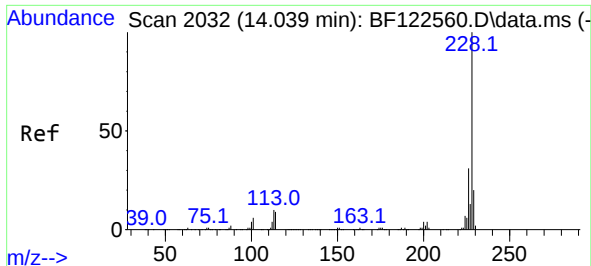


#82
3,3'-Dichlorobenzidine
Concen: 33.76 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

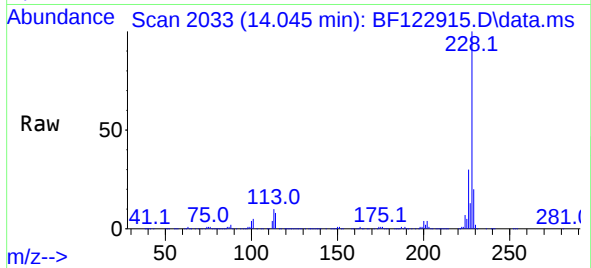


Tgt Ion:252 Resp: 255282
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 10.4 8.0 12.0

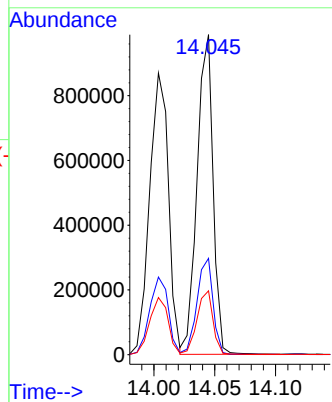
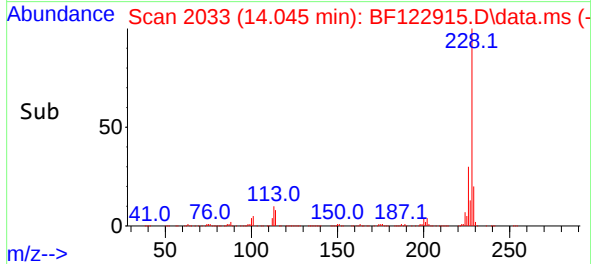




#83
Chrysene
Concen: 43.01 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



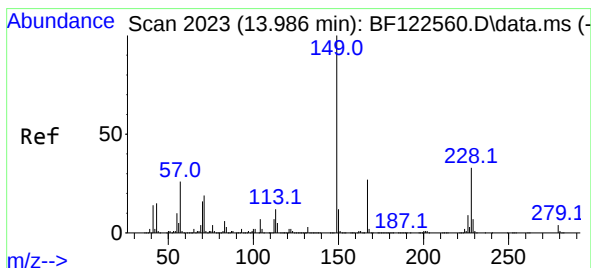
Tgt Ion:228 Resp: 903717
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.9 15.8 23.6



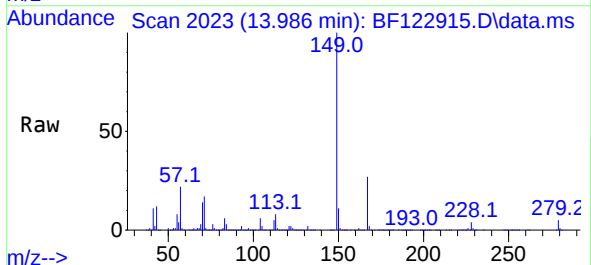
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

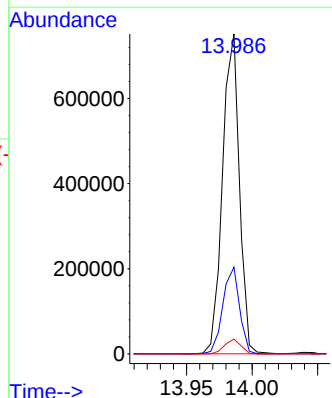
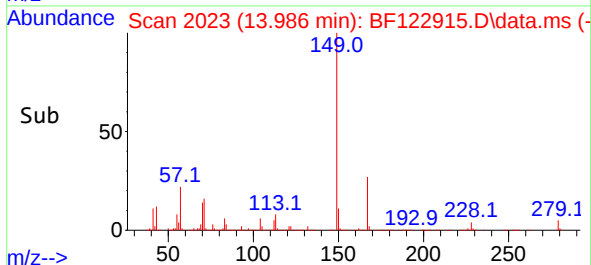
mohammad
1/5/2021 12:29:43 PM

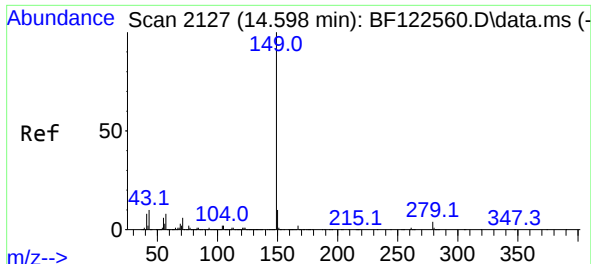


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.39 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:149 Resp: 668877
Ion Ratio Lower Upper
149 100
167 27.1 21.4 32.2
279 4.7 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 40.93 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

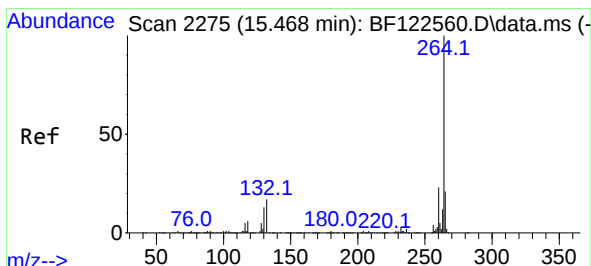
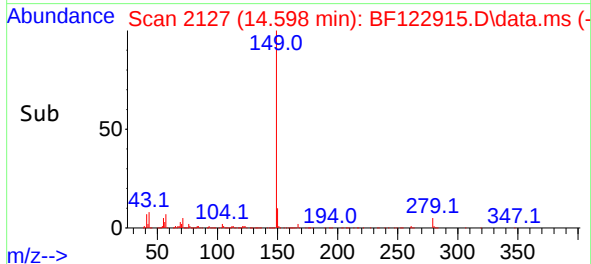
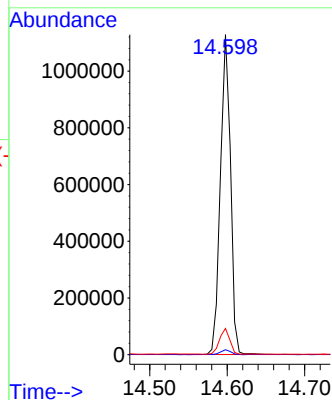
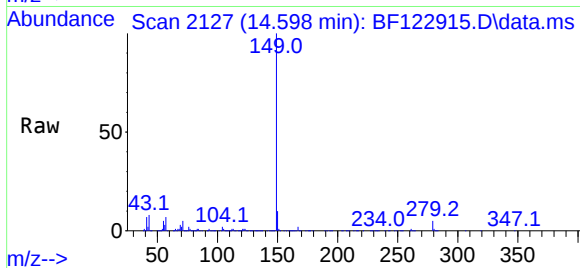
Tgt Ion:149 Resp: 1022991

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	7.6	11.4

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

Manual Integrations
APPROVED

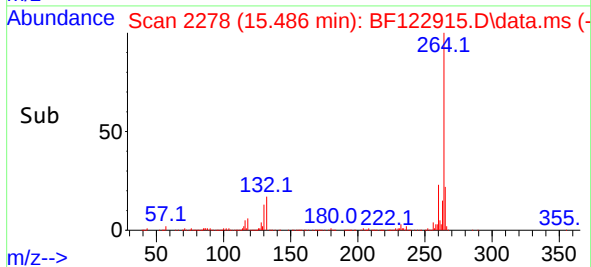
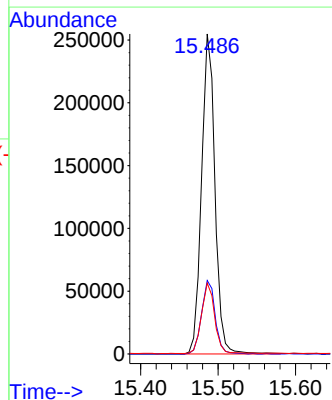
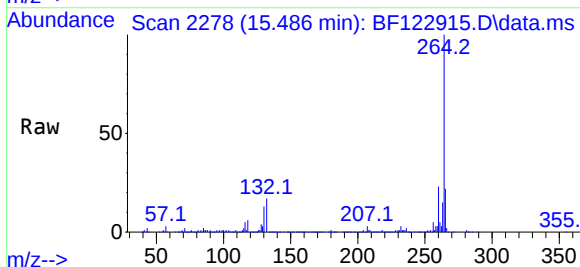
mohammad
1/5/2021 12:29:43 PM

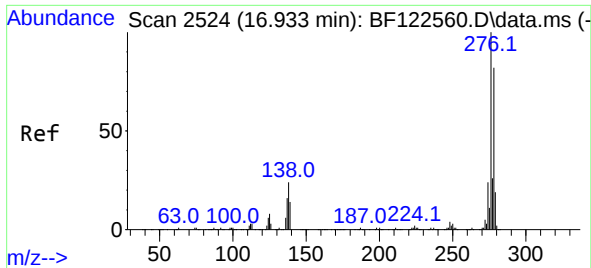


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion:264 Resp: 305781

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.1	17.0	25.6





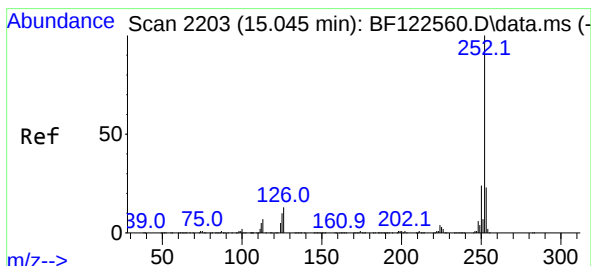
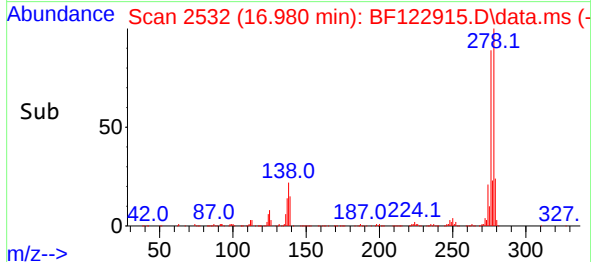
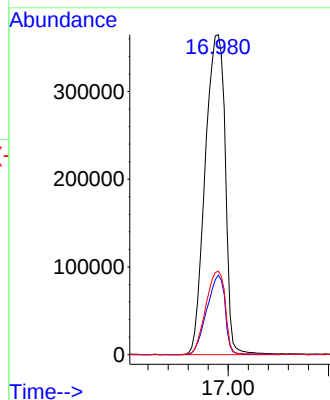
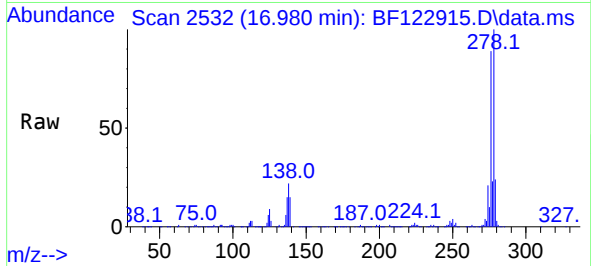
#87
Indeno(1,2,3-cd)pyrene
Concen: 50.45 ng
RT: 16.980 min Scan# 2532
Delta R.T. 0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

Tgt Ion: 276 Resp: 1012644
Ion Ratio Lower Upper
276 100
138 22.6 18.7 28.1
277 25.4 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD

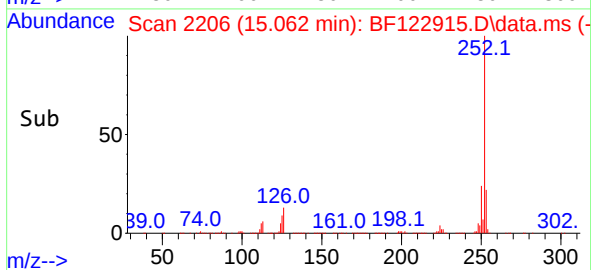
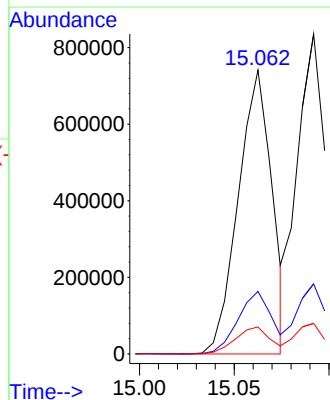
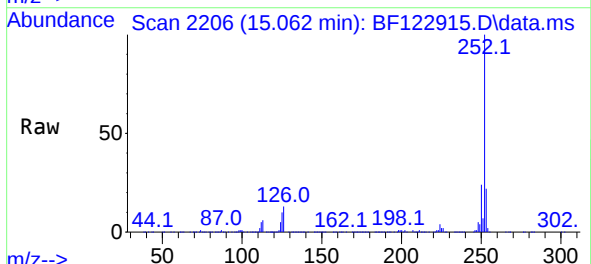
Manual Integrations
APPROVED

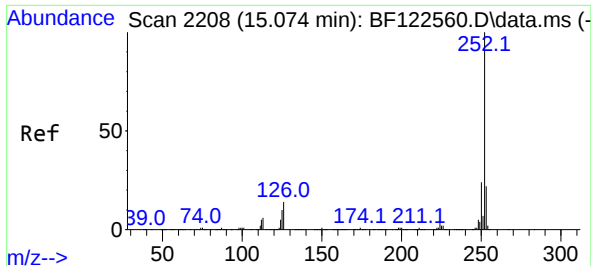
mohammad
1/5/2021 12:29:43 PM



#88
Benzo(b)fluoranthene
Concen: 42.83 ng
RT: 15.062 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

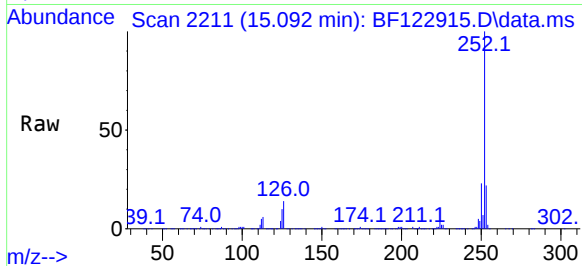
Tgt Ion: 252 Resp: 918896
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 9.5 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 44.41 ng
RT: 15.092 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

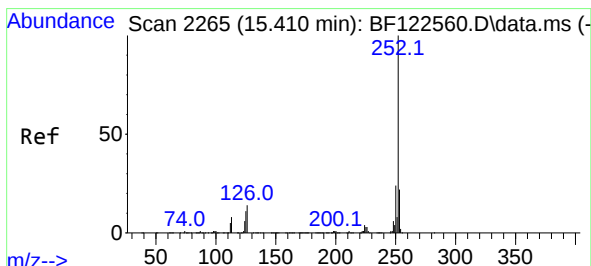
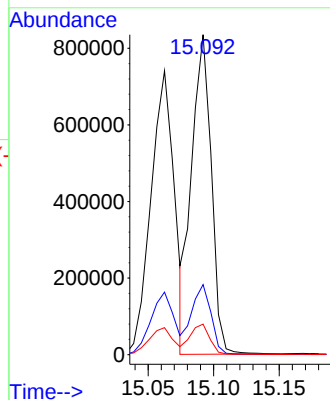
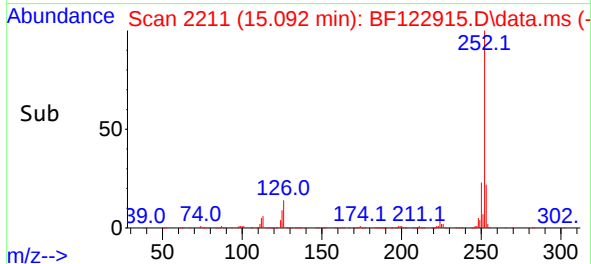
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



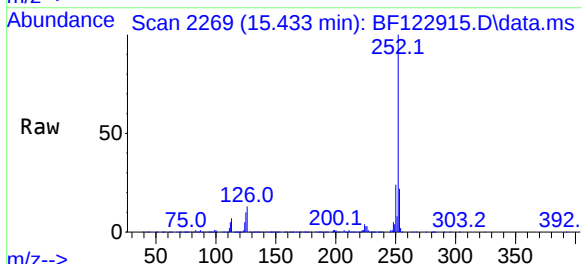
Tgt Ion:252 Resp: 871127
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.5 8.4 12.6

Manual Integrations
APPROVED

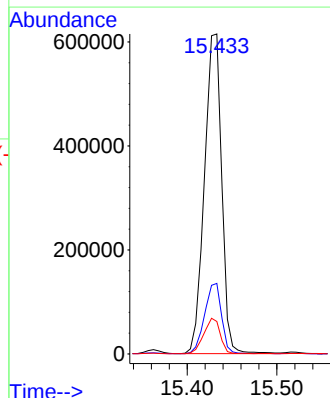
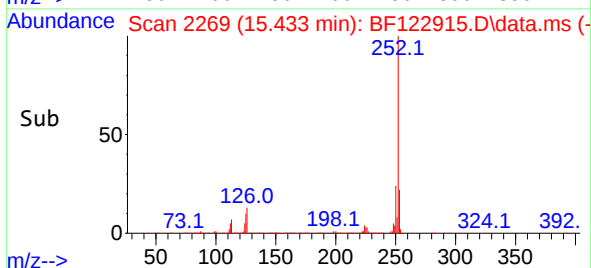
mohammad
1/5/2021 12:29:43 PM

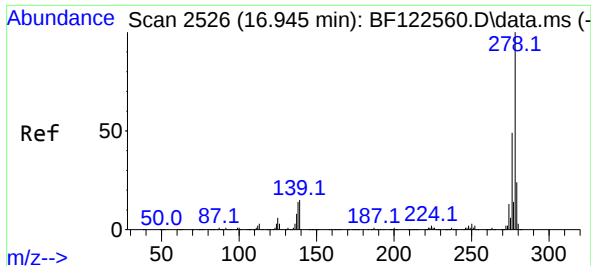


#90
Benzo(a)pyrene
Concen: 43.85 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



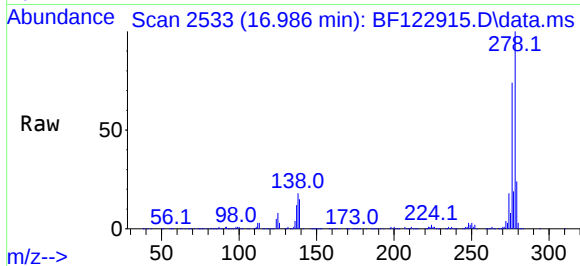
Tgt Ion:252 Resp: 823141
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.2 8.6 12.8





#91
Dibenzo(a,h)anthracene
Concen: 50.26 ng
RT: 16.986 min Scan# 2533
Delta R.T. 0.000 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36

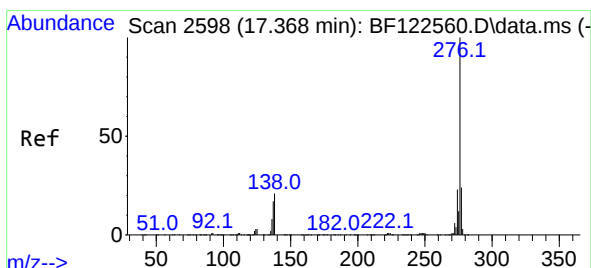
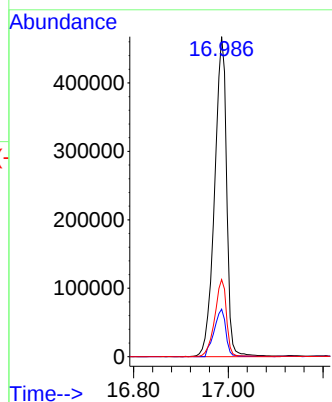
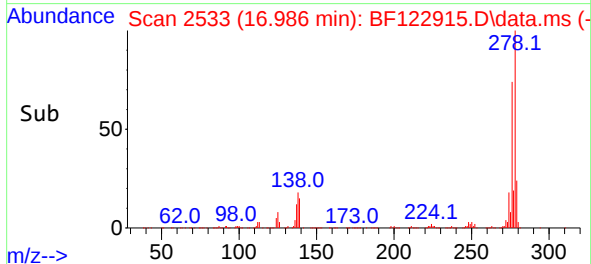
Instrument :
BNA_F
ClientSampleId :
BU-03-123120MSD



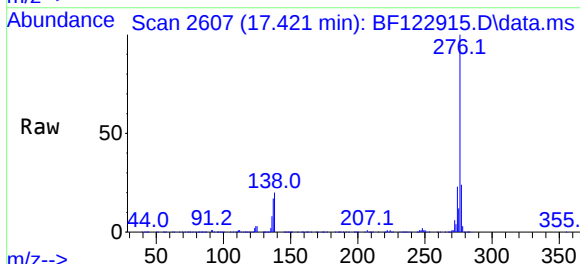
Tgt Ion:278 Resp: 825655
Ion Ratio Lower Upper
278 100
139 14.8 12.0 18.0
279 24.1 19.4 29.2

Manual Integrations
APPROVED

mohammad
1/5/2021 12:29:43 PM



#92
Benzo(g,h,i)perylene
Concen: 57.52 ng
RT: 17.421 min Scan# 2607
Delta R.T. 0.006 min
Lab File: BF122915.D
Acq: 4 Jan 2021 18:36



Tgt Ion:276 Resp: 914501
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 19.6 16.6 24.8

