

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123110.D
 Acq On : 4 Feb 2021 12:22
 Operator : JU/CG
 Sample : PB134405BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134405BSD

Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:16:10 PM

Quant Time: Feb 04 12:45:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	256714	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1001624	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	542652	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1003871	20.00	ng	0.00
76) Chrysene-d12	14.086	240	786068	20.00	ng	0.00
86) Perylene-d12	15.568	264	706576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1805379	108.48	ng	0.02
7) Phenol-d6	6.522	99	2339402	103.71	ng	0.00
23) Nitrobenzene-d5	7.457	82	1303274	65.48	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	722511	122.65	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2454453	67.24	ng	0.00
79) Terphenyl-d14	13.021	244	2632920	65.81	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.804	88	351807	42.49	ng	95
3) Pyridine	3.546	79	949244	42.87	ng	94
4) n-Nitrosodimethylamine	3.504	42	413155	44.34	ng	95
6) Aniline	6.557	93	914553	32.94	ng	99
8) 2-Chlorophenol	6.681	128	844808	46.83	ng	98
9) Benzaldehyde	6.440	77	422177	40.94	ng	96
10) Phenol	6.540	94	1061262	47.44	ng	90
11) bis(2-Chloroethyl)ether	6.628	93	819662	44.03	ng	97
12) 1,3-Dichlorobenzene	6.834	146	938556	44.61	ng	96
13) 1,4-Dichlorobenzene	6.910	146	943240	43.05	ng	98
14) 1,2-Dichlorobenzene	7.063	146	910482	44.42	ng	98
15) Benzyl Alcohol	7.034	79	705609	44.62	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1199469	41.78	ng	100
17) 2-Methylphenol	7.145	107	716420	46.67	ng	98
18) Hexachloroethane	7.410	117	351528	45.81	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	595176	43.88	ng	96
20) 3+4-Methylphenols	7.298	107	851928	47.12	ng	94
22) Acetophenone	7.304	105	1137804	43.60	ng	99
24) Nitrobenzene	7.475	77	926356	45.18	ng	98
25) Isophorone	7.716	82	1683751	46.19	ng	100
26) 2-Nitrophenol	7.792	139	460707	54.33	ng	98
27) 2,4-Dimethylphenol	7.828	122	806701	52.72	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1064410	42.79	ng	98
29) 2,4-Dichlorophenol	8.034	162	755585	47.22	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	804910	44.65	ng	99
31) Naphthalene	8.204	128	2450875	44.61	ng	99
32) Benzoic acid	7.957	122	540645	44.29	ng	98
33) 4-Chloroaniline	8.245	127	600073	24.61	ng	99
34) Hexachlorobutadiene	8.322	225	464587	44.62	ng	99
35) Caprolactam	8.622	113	243539m	45.04	ng	
36) 4-Chloro-3-methylphenol	8.728	107	811005	48.75	ng	96
37) 2-Methylnaphthalene	8.892	142	1668282	45.74	ng	98
38) 1-Methylnaphthalene	8.992	142	1561112	45.20	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	749163	44.38	ng	98
41) Hexachlorocyclopentadiene	9.051	237	913052	113.94	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	571839	49.41	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123110.D
 Acq On : 4 Feb 2021 12:22
 Operator : JU/CG
 Sample : PB134405BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134405BSD

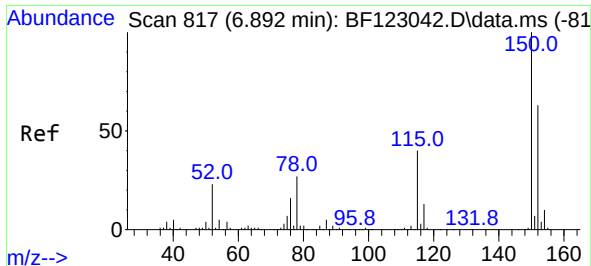
Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:16:10 PM

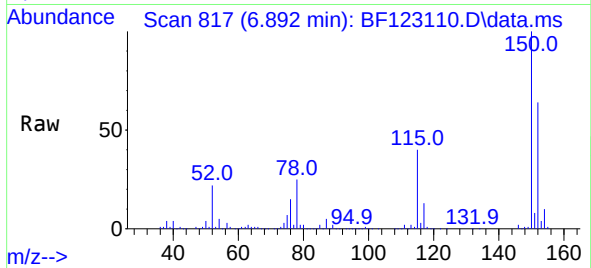
Quant Time: Feb 04 12:45:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	573958	47.43	ng	99
46) 1,1'-Biphenyl	9.357	154	1986670	44.63	ng	99
47) 2-Chloronaphthalene	9.386	162	1601864	42.99	ng	98
48) 2-Nitroaniline	9.475	65	515750	45.67	ng	85
49) Acenaphthylene	9.804	152	2444468	44.82	ng	99
50) Dimethylphthalate	9.663	163	1904447	44.73	ng	99
51) 2,6-Dinitrotoluene	9.722	165	438044	48.30	ng	92
52) Acenaphthene	9.975	154	1706801	48.72	ng	99
53) 3-Nitroaniline	9.886	138	302152	28.18	ng	91
54) 2,4-Dinitrophenol	9.998	184	418079	99.03	ng	96
55) Dibenzofuran	10.151	168	2163698	42.45	ng	98
56) 4-Nitrophenol	10.051	139	730634	94.25	ng	87
57) 2,4-Dinitrotoluene	10.128	165	585633	49.65	ng	99
58) Fluorene	10.492	166	1666035	40.91	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	495632	48.29	ng	95
60) Diethylphthalate	10.363	149	1877795	44.85	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	828558	43.31	ng	99
62) 4-Nitroaniline	10.510	138	430145	39.92	ng	98
63) Azobenzene	10.645	77	1784917	43.57	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	302562	53.92	ng	91
66) n-Nitrosodiphenylamine	10.604	169	1546139	42.73	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	561506	43.92	ng	96
68) Hexachlorobenzene	11.045	284	603256	43.99	ng	95
69) Atrazine	11.133	200	461177	46.15	ng	98
70) Pentachlorophenol	11.233	266	728583	98.04	ng	99
71) Phenanthrene	11.457	178	2542078	40.77	ng	99
72) Anthracene	11.510	178	2589079	43.29	ng	98
73) Carbazole	11.663	167	2328750	41.95	ng	100
74) Di-n-butylphthalate	11.992	149	2810672	42.70	ng	99
75) Fluoranthene	12.651	202	2635099	42.29	ng	98
77) Benzidine	12.769	184	1115661	62.72	ng	99
78) Pyrene	12.880	202	2638080	44.46	ng	99
80) Butylbenzylphthalate	13.498	149	1207786	47.30	ng	96
81) Benzo(a)anthracene	14.074	228	2345806	44.09	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	671366	40.10	ng	97
83) Chrysene	14.115	228	2301850	43.23	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1602837	47.24	ng	97
85) Di-n-octyl phthalate	14.680	149	2799492	49.13	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	2127880	45.22	ng	98
88) Benzo(b)fluoranthene	15.139	252	2316055	45.41	ng	99
89) Benzo(k)fluoranthene	15.168	252	2224402	46.94	ng	99
90) Benzo(a)pyrene	15.510	252	2022594	45.16	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	1774739	45.83	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1686279	44.93	ng	98

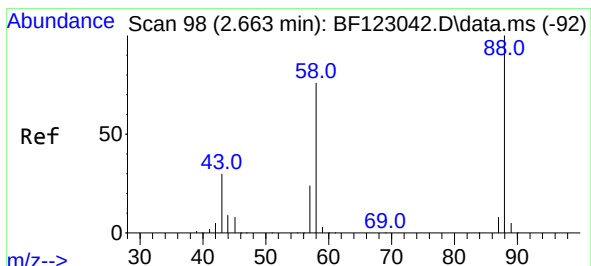
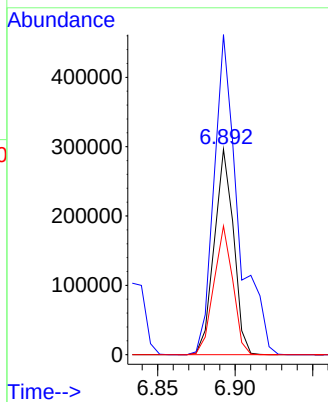
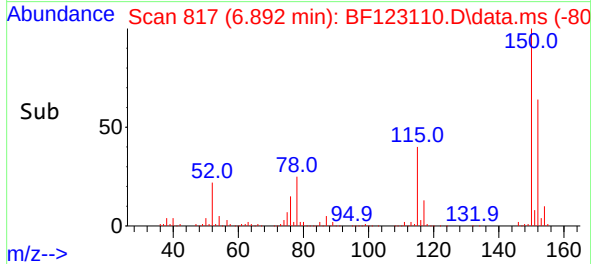
(#) = qualifier out of range (m) = manual integration (+) = signals summed



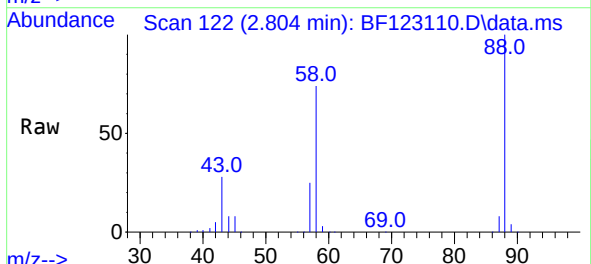
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



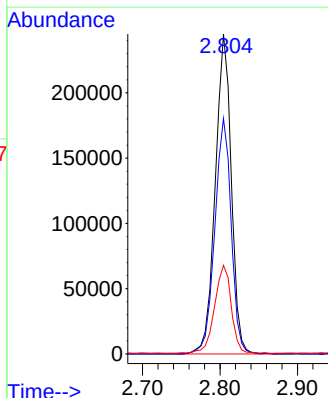
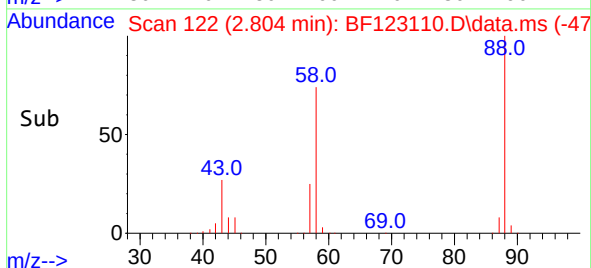
Tgt Ion:152 Resp: 256714
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 62.6 49.3 73.9



#2
1,4-Dioxane
Concen: 42.49 ng
RT: 2.804 min Scan# 122
Delta R.T. 0.141 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



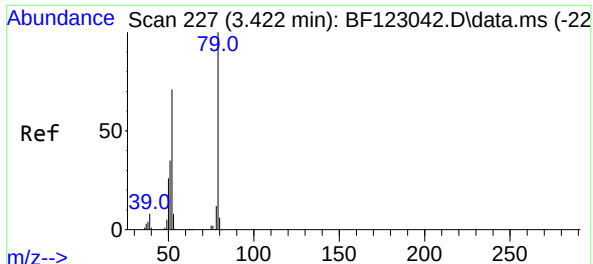
Tgt Ion: 88 Resp: 351807
Ion Ratio Lower Upper
88 100
58 75.5 56.2 84.2
43 28.7 21.8 32.6



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



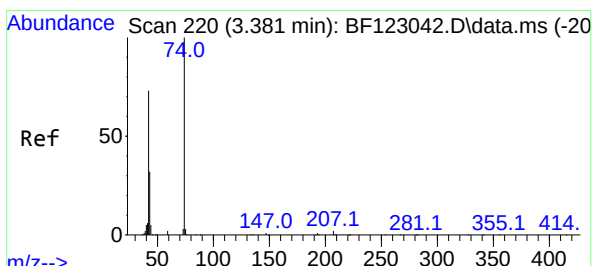
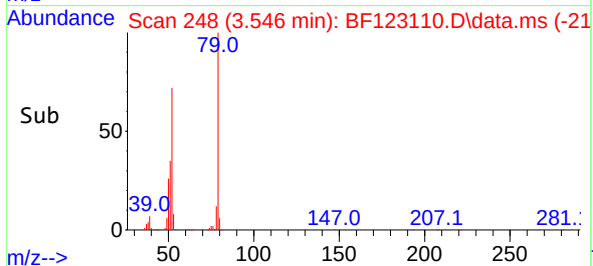
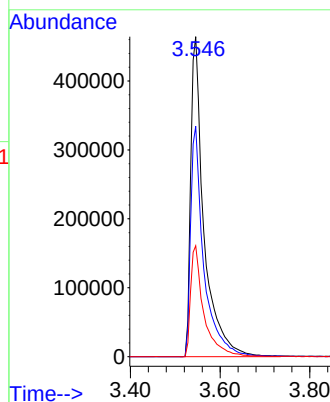
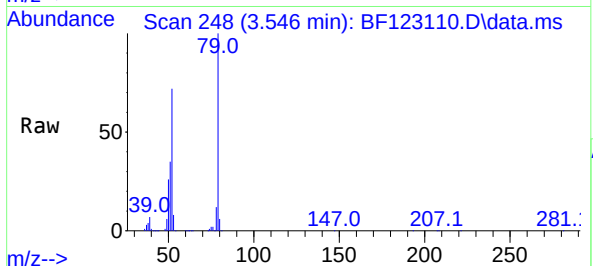
#3
Pyridine
Concen: 42.87 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.123 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion: 79 Resp: 949244
Ion Ratio Lower Upper
79 100
52 72.0 53.0 79.4
51 34.6 26.6 39.8

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

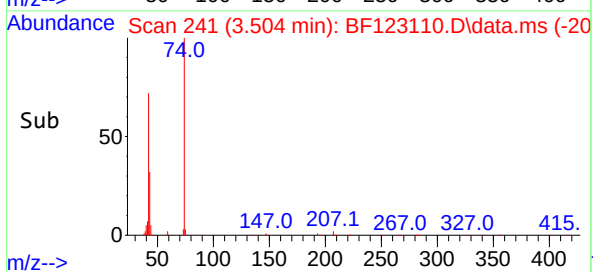
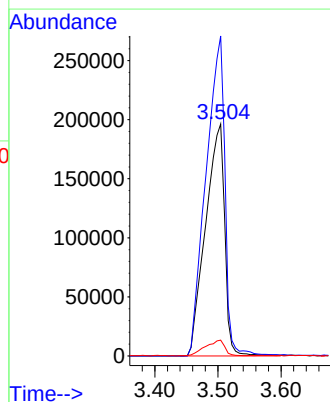
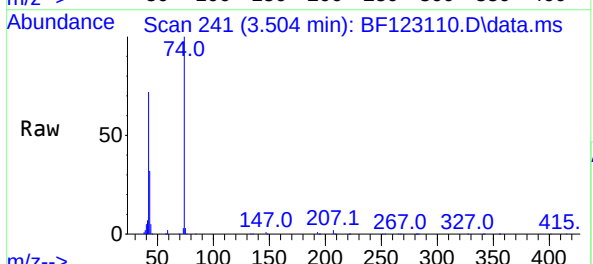
Manual Integrations
APPROVED

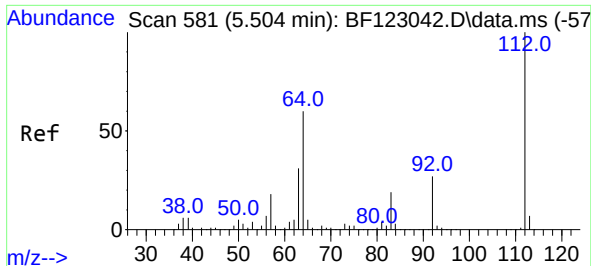
mohammad
2/8/2021 12:16:10 PM



#4
n-Nitrosodimethylamine
Concen: 44.34 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.123 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion: 42 Resp: 413155
Ion Ratio Lower Upper
42 100
74 137.9 115.2 172.8
44 6.8 5.4 8.0





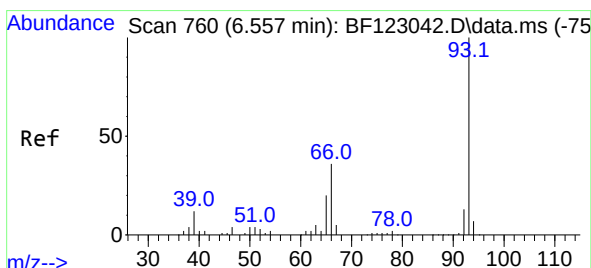
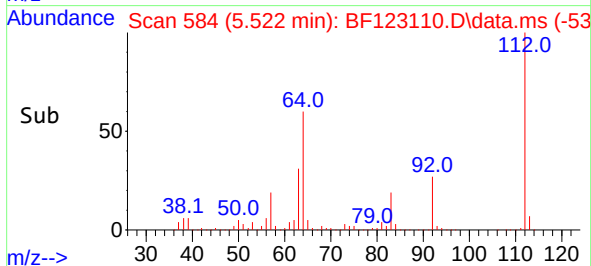
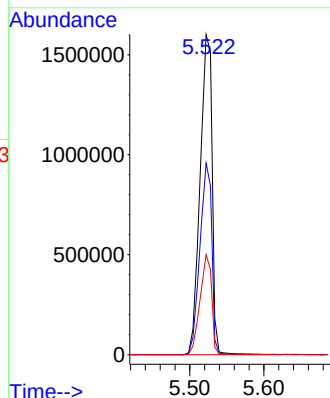
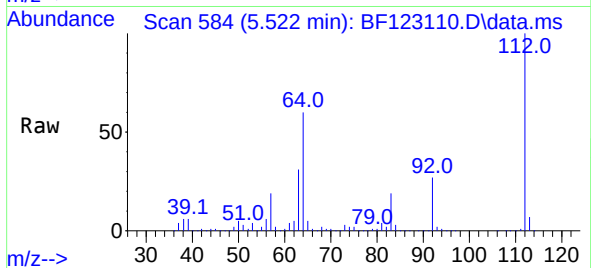
#5
2-Fluorophenol
Concen: 108.48 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Tgt Ion:112 Resp: 1805379
Ion Ratio Lower Upper
112 100
64 59.9 46.9 70.3
63 31.3 24.5 36.7

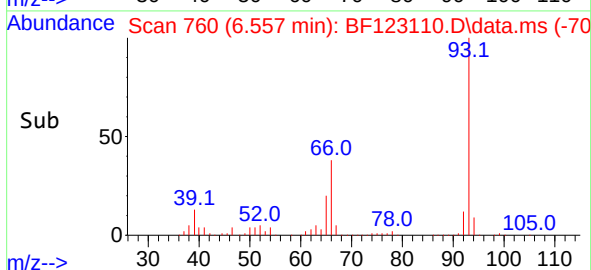
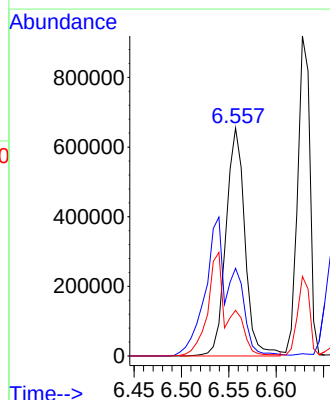
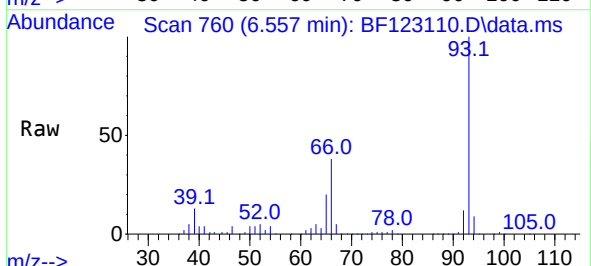
Manual Integrations
APPROVED

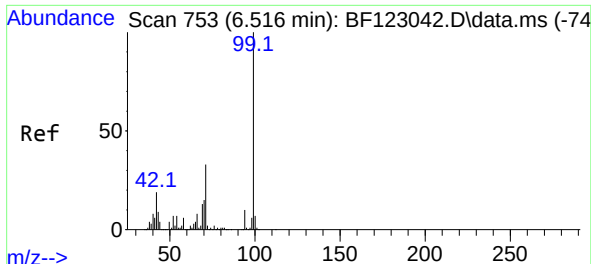
mohammad
2/8/2021 12:16:10 PM



#6
Aniline
Concen: 32.94 ng
RT: 6.557 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion: 93 Resp: 914553
Ion Ratio Lower Upper
93 100
66 38.5 31.3 46.9
65 20.0 15.6 23.4





#7
Phenol-d6
Concen: 103.71 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

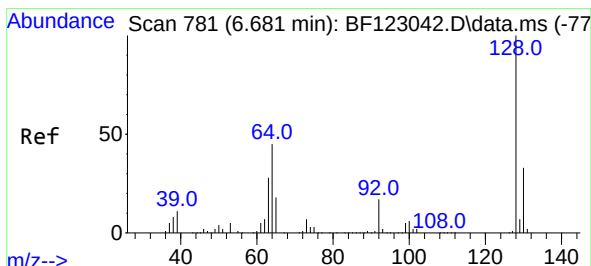
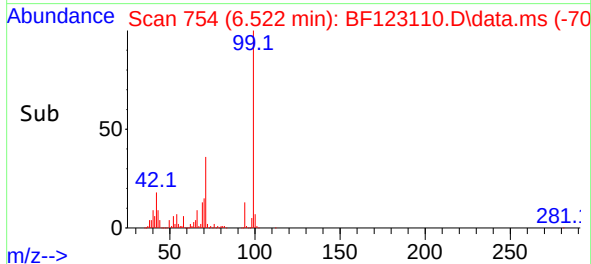
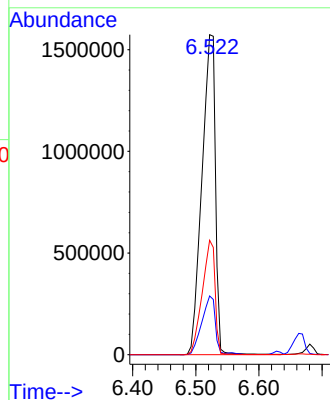
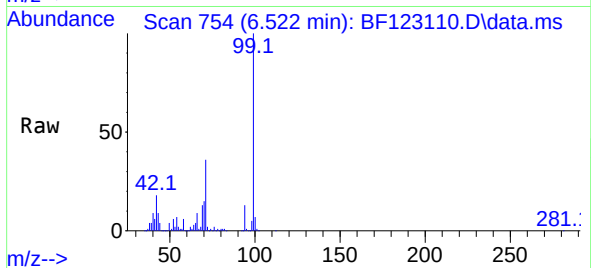
Tgt Ion: 99 Resp: 2339402

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	35.8	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

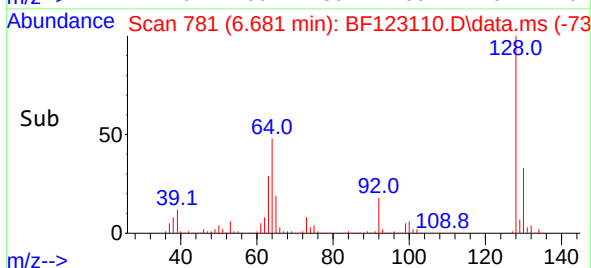
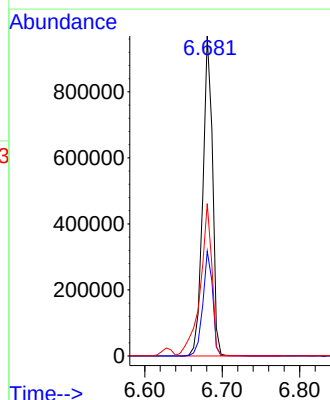
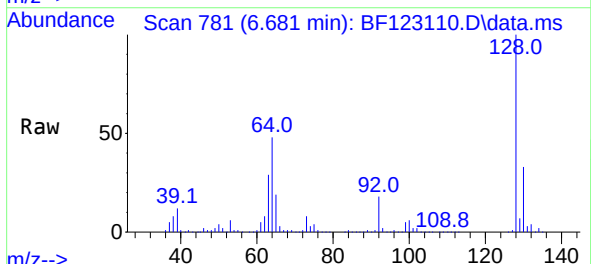
mohammad
2/8/2021 12:16:10 PM

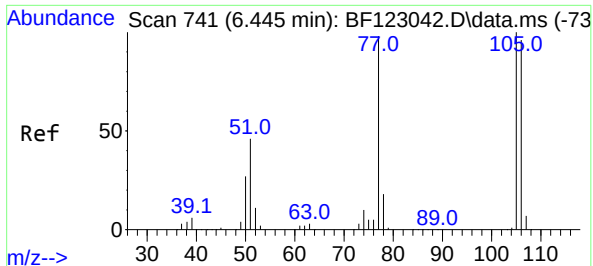


#8
2-Chlorophenol
Concen: 46.83 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:128 Resp: 844808

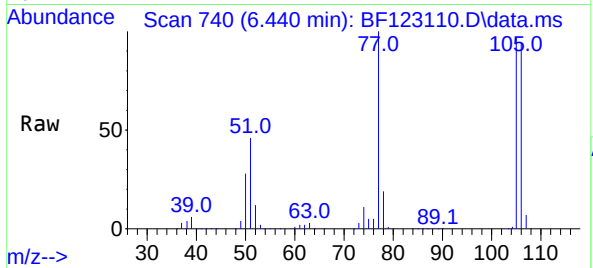
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	47.6	25.5	65.5





#9
Benzaldehyde
Concen: 40.94 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

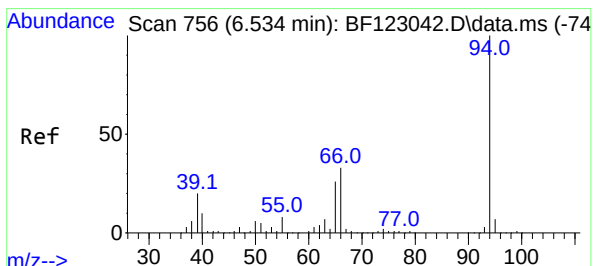
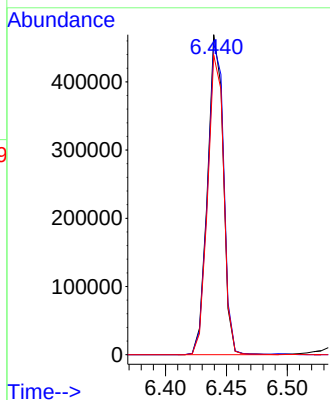
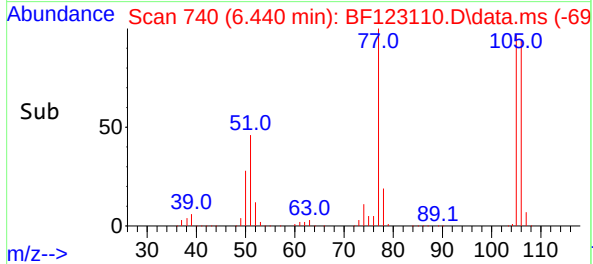
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



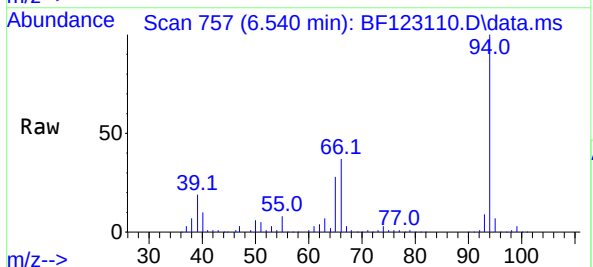
Tgt Ion: 77 Resp: 422177
Ion Ratio Lower Upper
77 100
105 97.2 80.6 120.6
106 93.5 77.2 117.2

Manual Integrations
APPROVED

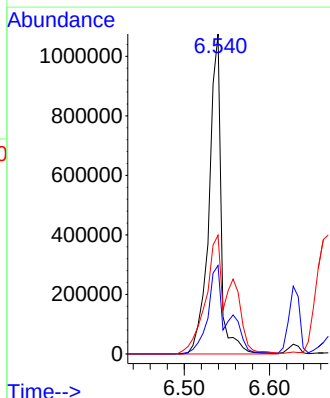
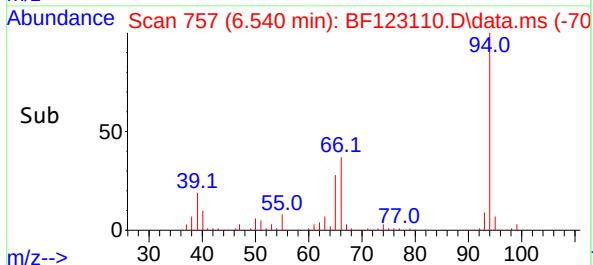
mohammad
2/8/2021 12:16:10 PM

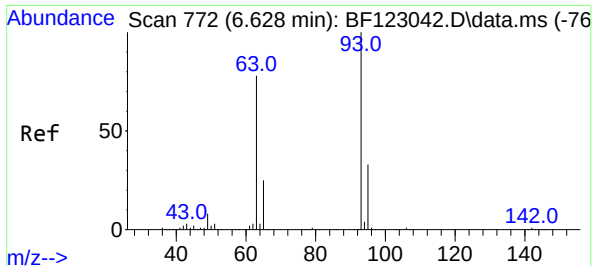


#10
Phenol
Concen: 47.44 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

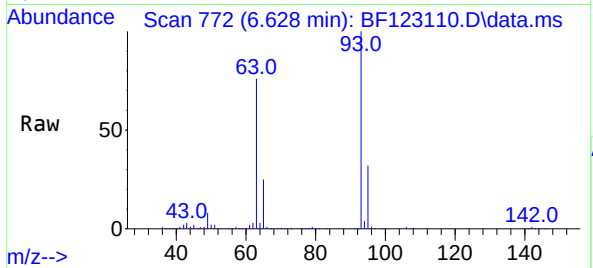


Tgt Ion: 94 Resp: 1061262
Ion Ratio Lower Upper
94 100
65 27.7 11.2 51.2
66 37.1 25.8 65.8



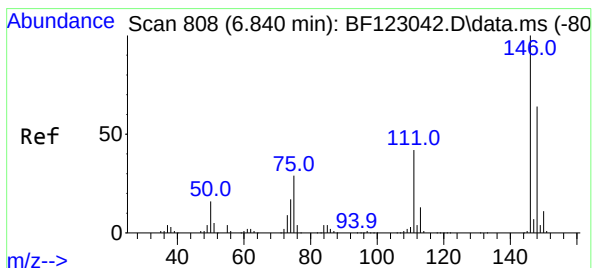
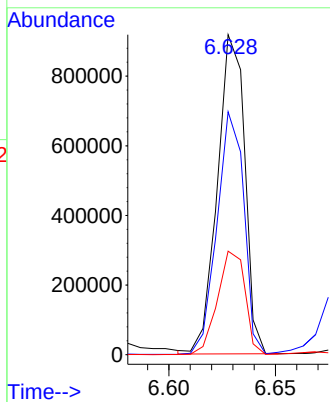
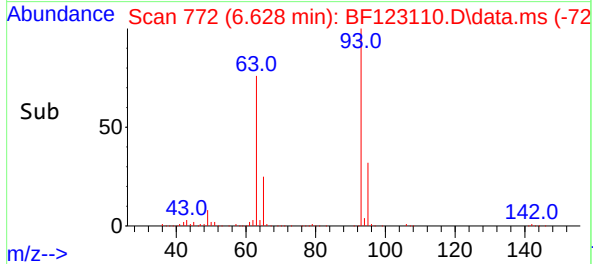


#11
bis(2-Chloroethyl)ether
Concen: 44.03 ng
RT: 6.628 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

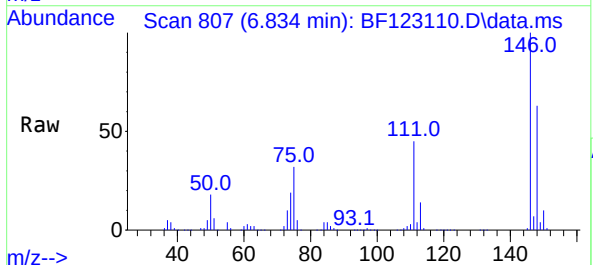


Tgt Ion: 93 Resp: 819662

Ion	Ratio	Lower	Upper
93	100		
63	75.9	52.6	92.6
95	32.4	12.6	52.6

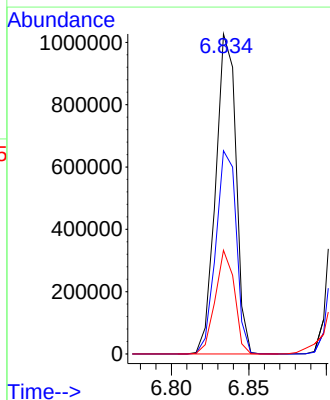
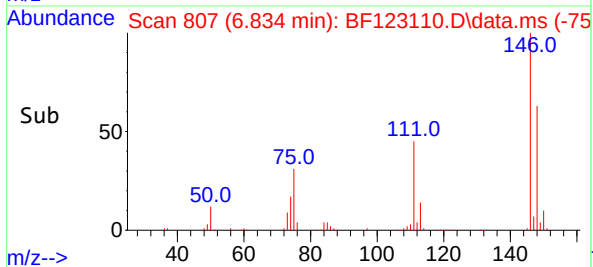


#12
1,3-Dichlorobenzene
Concen: 44.61 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion: 146 Resp: 938556

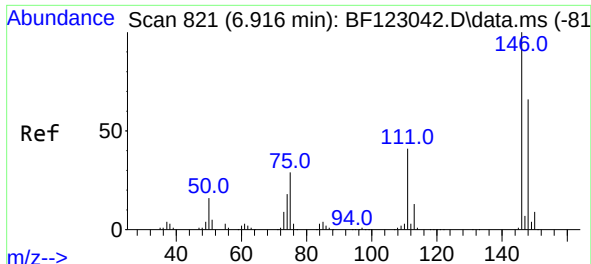
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.8
75	32.4	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



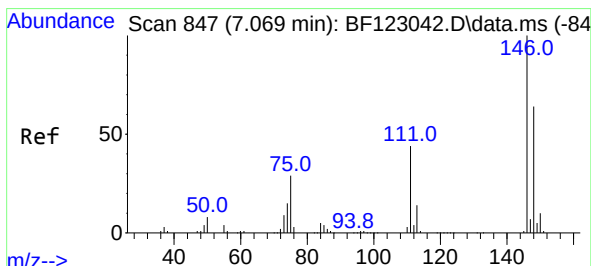
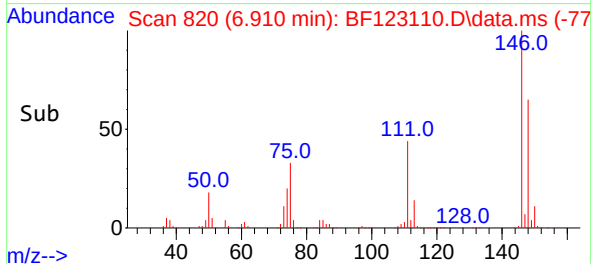
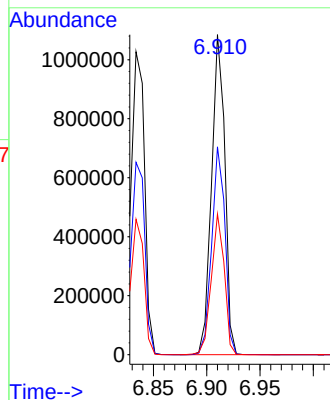
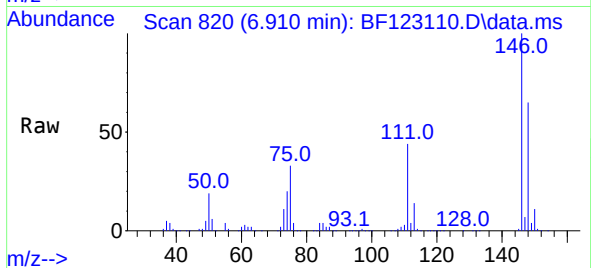
#13
1,4-Dichlorobenzene
Concen: 43.05 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:146 Resp: 943240
Ion Ratio Lower Upper
146 100
148 65.0 52.0 78.0
111 44.0 32.3 48.5

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

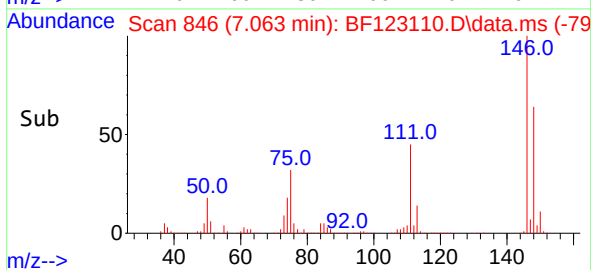
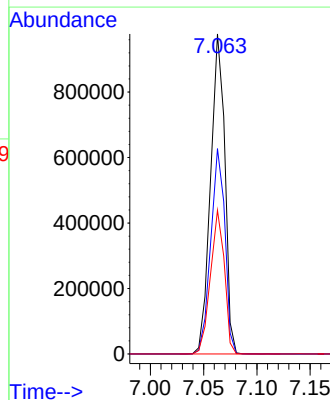
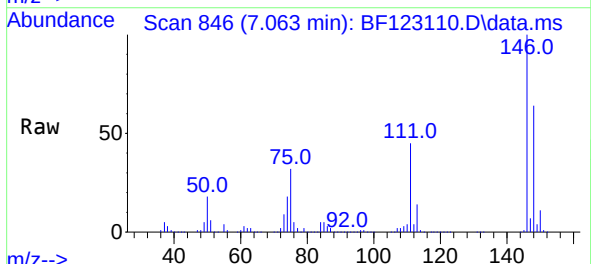
Manual Integrations
APPROVED

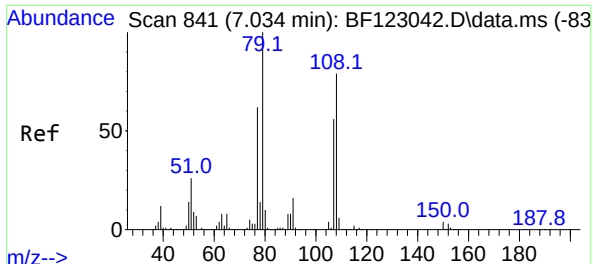
mohammad
2/8/2021 12:16:10 PM



#14
1,2-Dichlorobenzene
Concen: 44.42 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

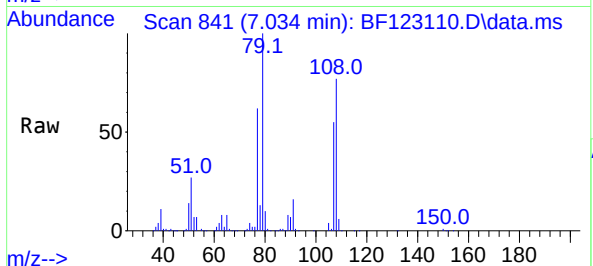
Tgt Ion:146 Resp: 910482
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 44.9 34.2 51.2





#15
Benzyl Alcohol
Concen: 44.62 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

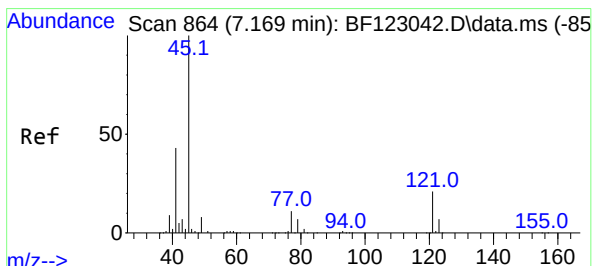
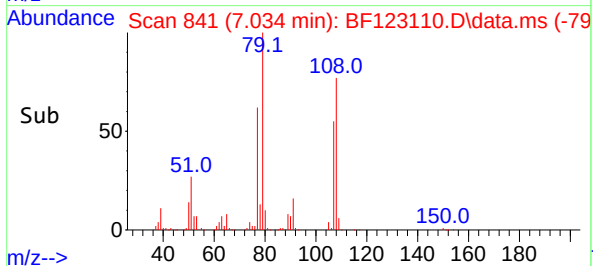
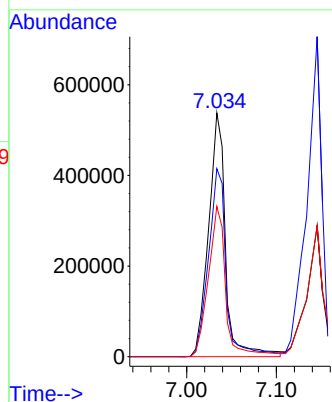
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



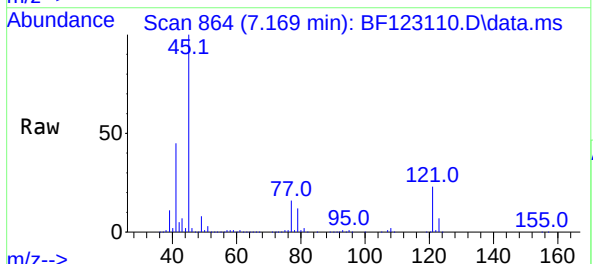
Tgt Ion: 79 Resp: 705609
Ion Ratio Lower Upper
79 100
108 77.1 62.4 93.6
77 61.6 49.0 73.6

Manual Integrations
APPROVED

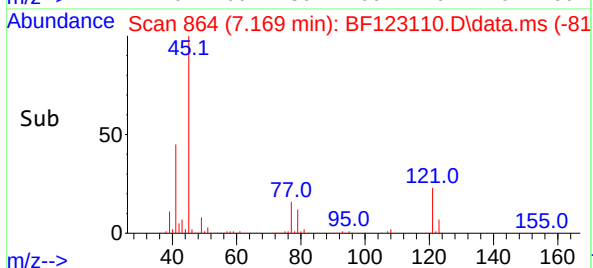
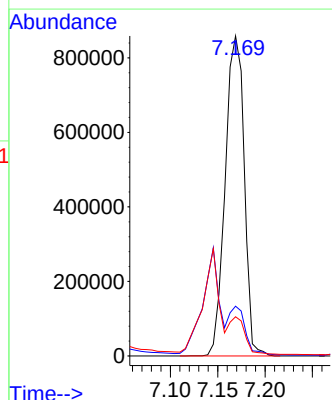
mohammad
2/8/2021 12:16:10 PM

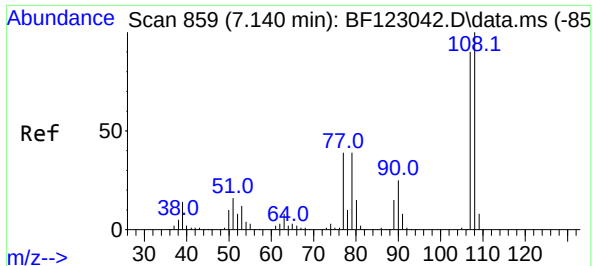


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.78 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion: 45 Resp: 1199469
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.6
79 12.3 0.0 32.4





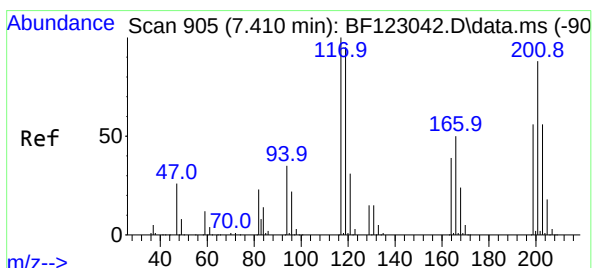
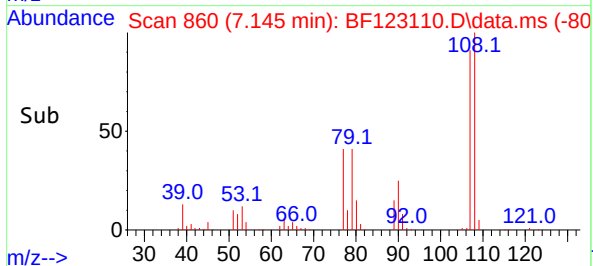
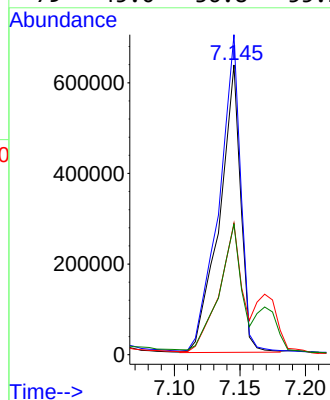
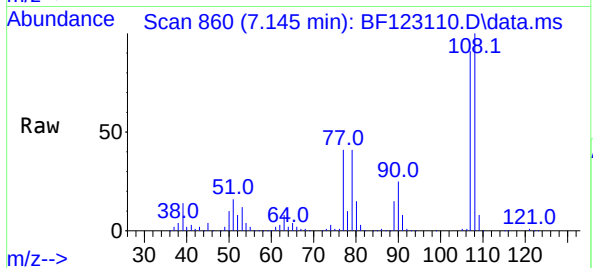
#17
2-Methylphenol
Concen: 46.67 ng
RT: 7.145 min Scan# 860
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:	107	Resp:	716420
Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.1	136.7
77	45.4	36.3	54.5
79	45.0	36.8	55.2

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

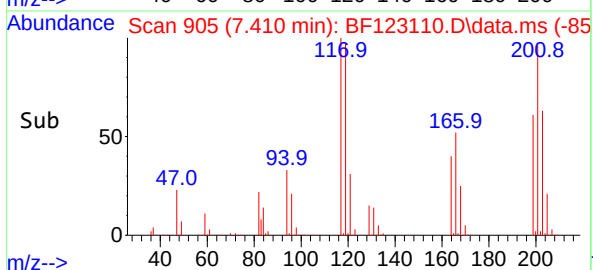
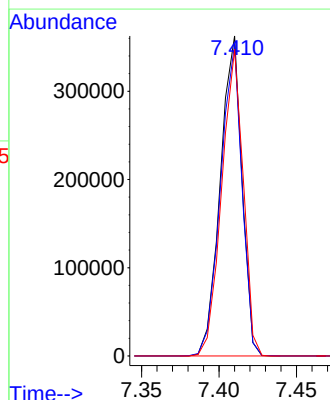
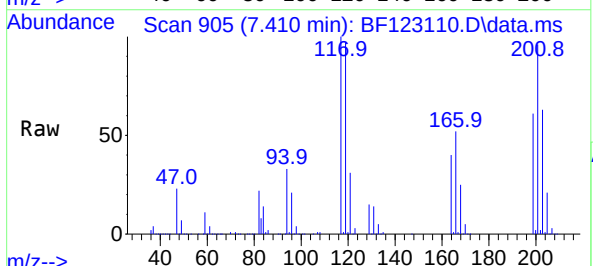
Manual Integrations
APPROVED

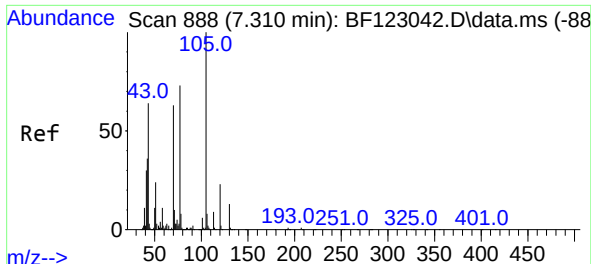
mohammad
2/8/2021 12:16:10 PM



#18
Hexachloroethane
Concen: 45.81 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:	117	Resp:	351528
Ion	Ratio	Lower	Upper
117	100		
119	97.4	78.4	117.6
201	95.8	79.6	119.4





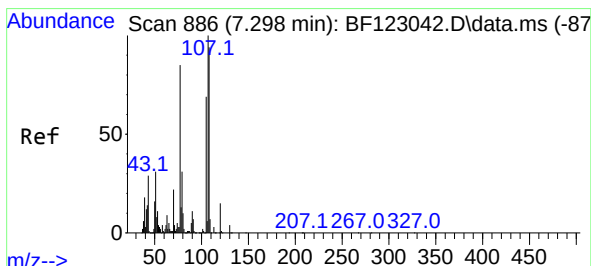
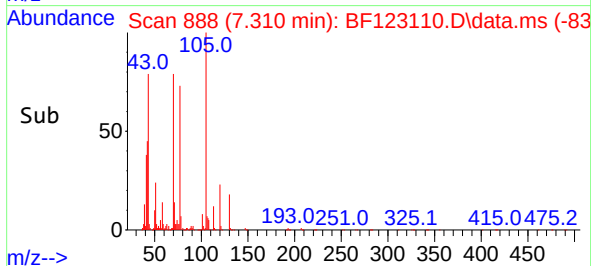
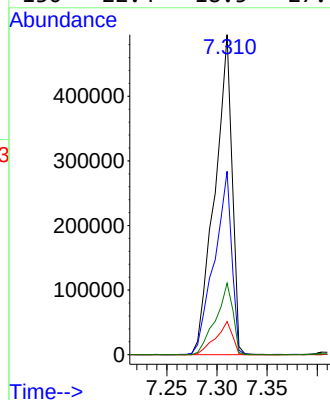
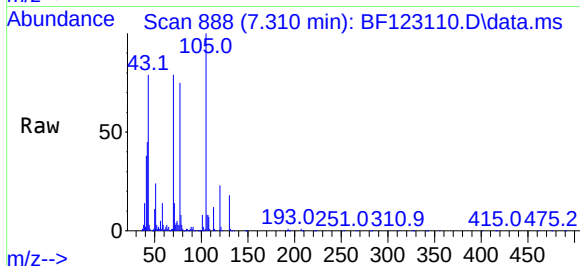
#19
n-Nitroso-di-n-propylamine
Concen: 43.88 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:	70	Resp:	595176
Ion	Ratio	Lower	Upper
70	100		
42	57.3	43.0	64.4
101	10.3	7.9	11.9
130	22.4	18.5	27.7

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

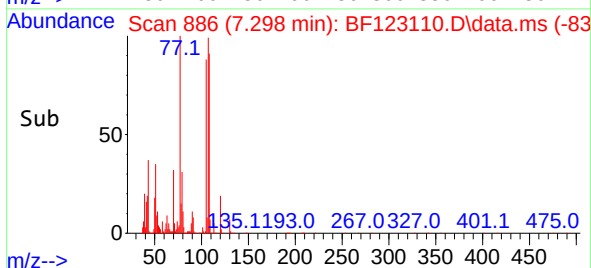
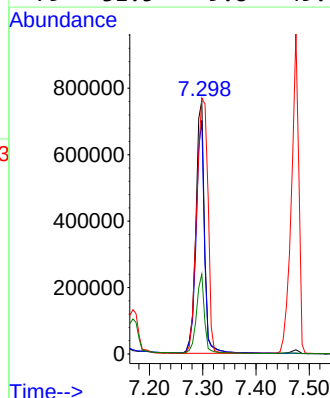
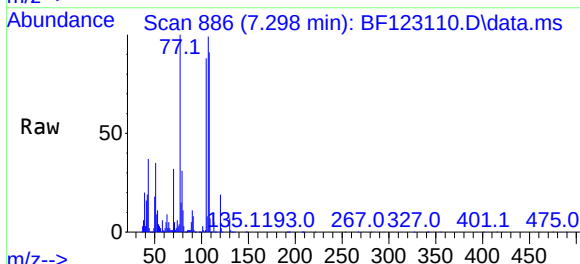
Manual Integrations
APPROVED

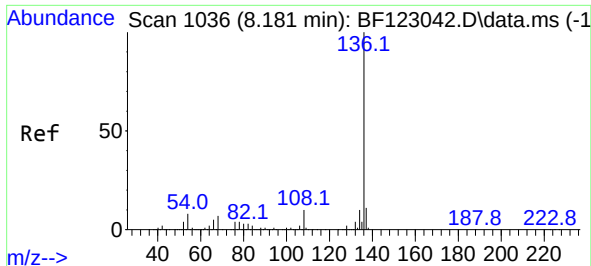
mohammad
2/8/2021 12:16:10 PM



#20
3+4-Methylphenols
Concen: 47.12 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

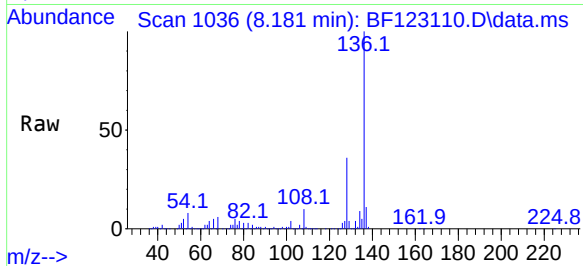
Tgt Ion:	107	Resp:	851928
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.7	108.7
77	101.0	89.8	129.8
79	31.5	9.8	49.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

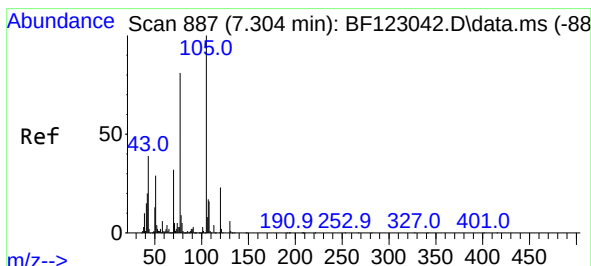
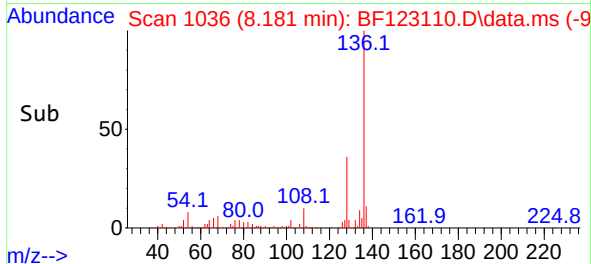
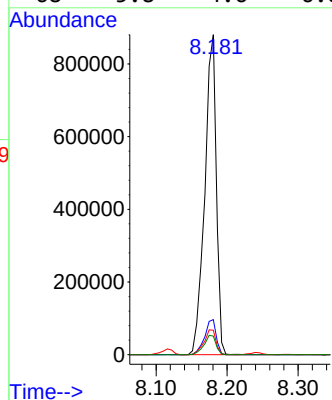


Tgt Ion:136 Resp: 1001624

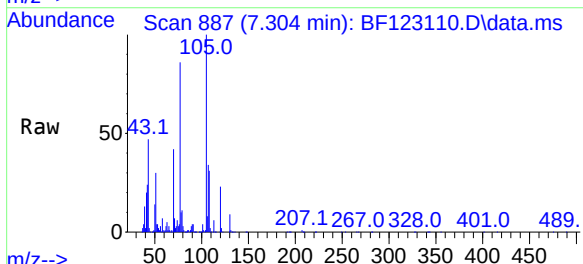
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.5	8.3
68	5.8	4.6	6.8

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

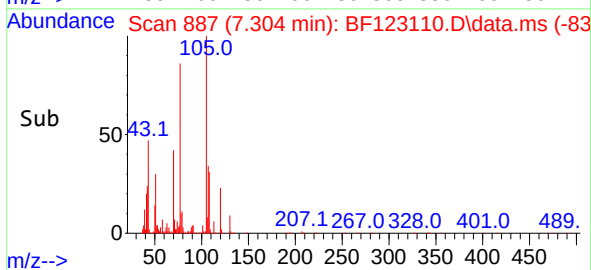
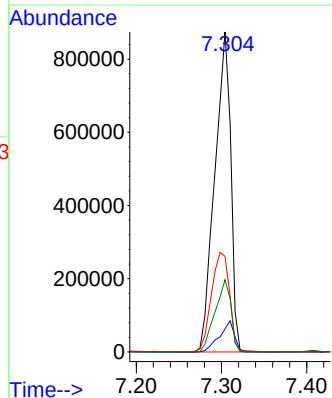


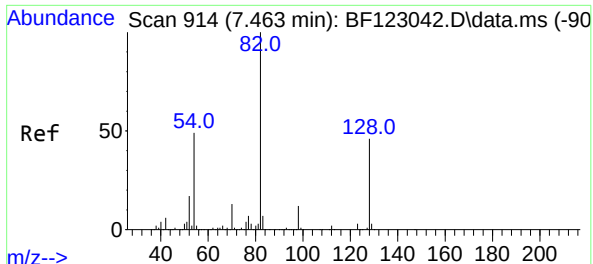
#22
Acetophenone
Concen: 43.60 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:105 Resp: 1137804

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.5	9.7
51	29.9	24.3	36.5
120	22.6	18.1	27.1





#23

Nitrobenzene-d5

Concen: 65.48 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

Tgt Ion: 82 Resp: 1303274

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	49.9	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

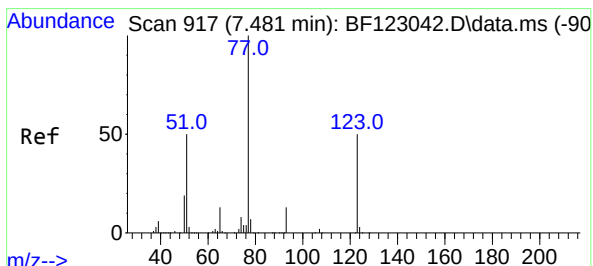
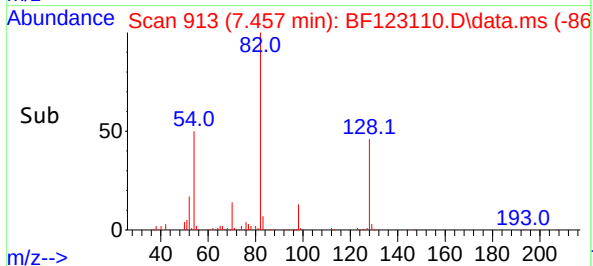
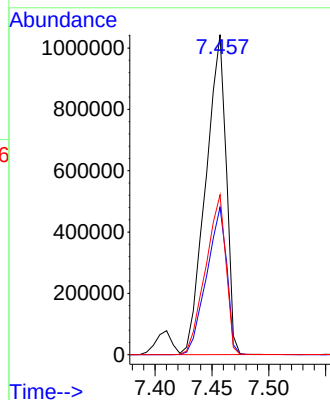
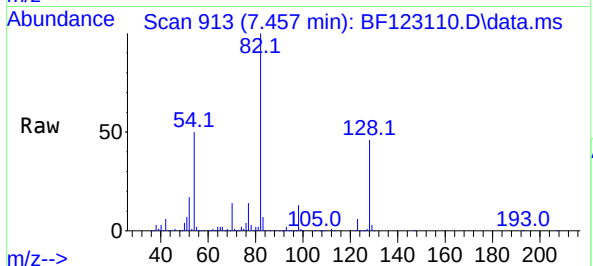
PB134405BSD

Manual Integrations

APPROVED

mohammad

2/8/2021 12:16:10 PM



#24

Nitrobenzene

Concen: 45.18 ng

RT: 7.475 min Scan# 916

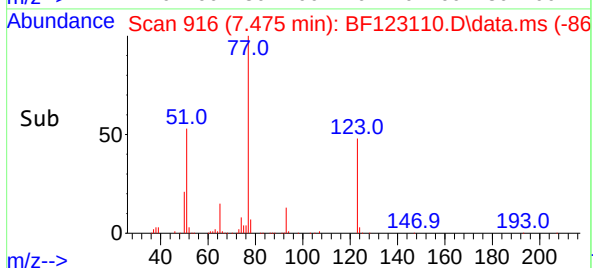
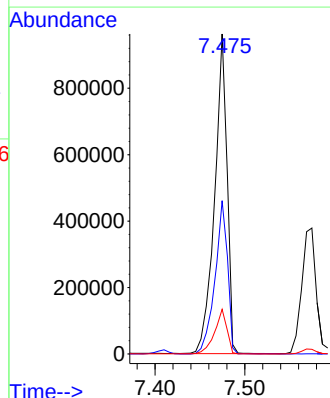
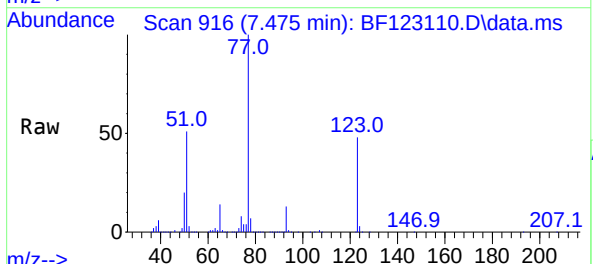
Delta R.T. -0.006 min

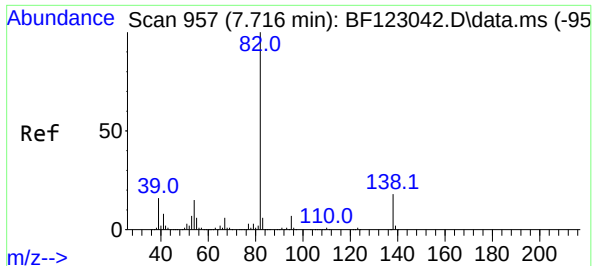
Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

Tgt Ion: 77 Resp: 926356

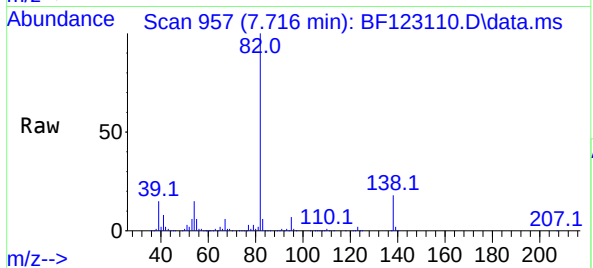
Ion	Ratio	Lower	Upper
77	100		
123	47.9	39.3	58.9
65	13.9	10.6	15.8





#25
Isophorone
Concen: 46.19 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

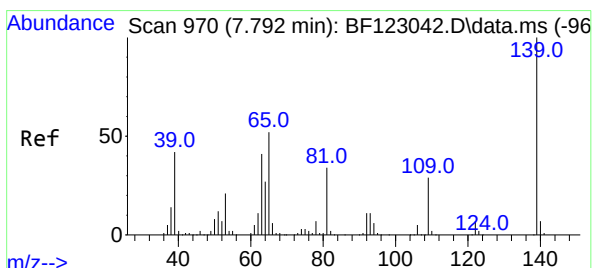
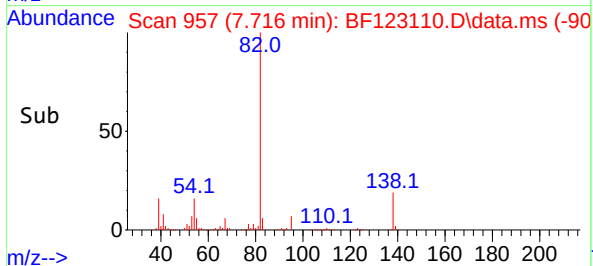
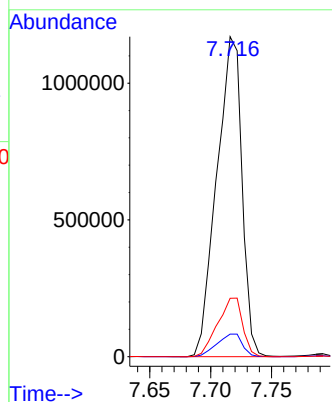


Tgt Ion: 82 Resp: 1683751

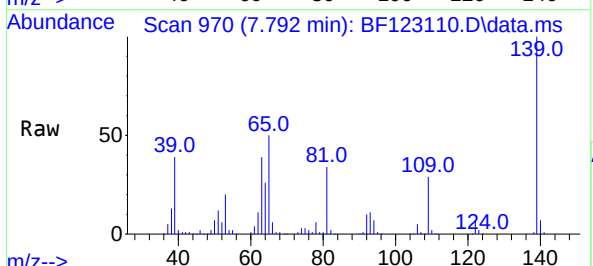
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.3	14.6	21.8

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

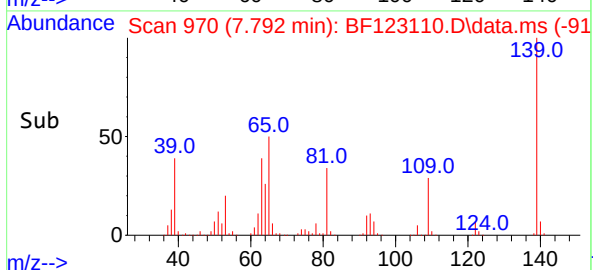
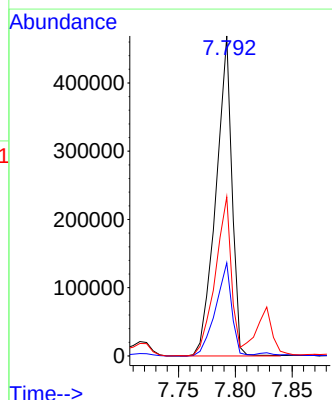


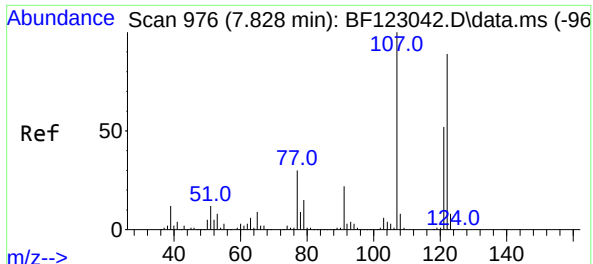
#26
2-Nitrophenol
Concen: 54.33 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



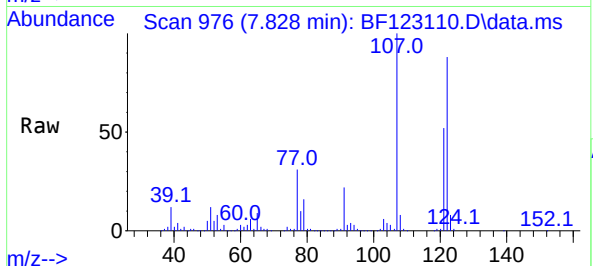
Tgt Ion: 139 Resp: 460707

Ion	Ratio	Lower	Upper
139	100		
109	29.1	24.0	36.0
65	49.7	40.9	61.3

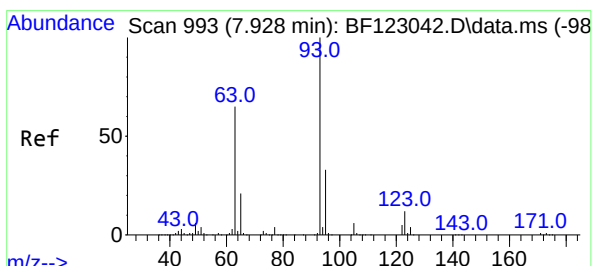
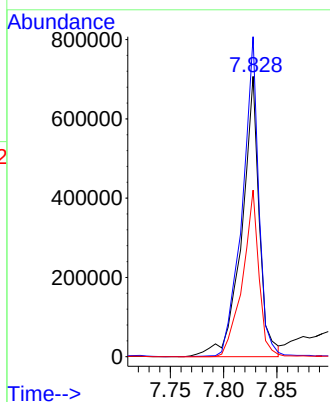
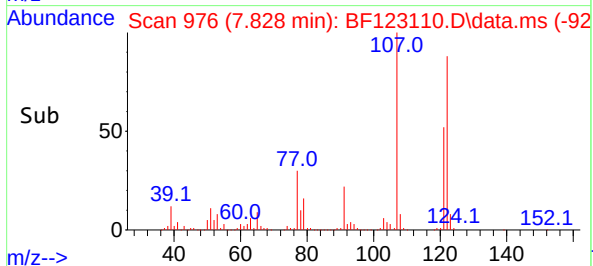




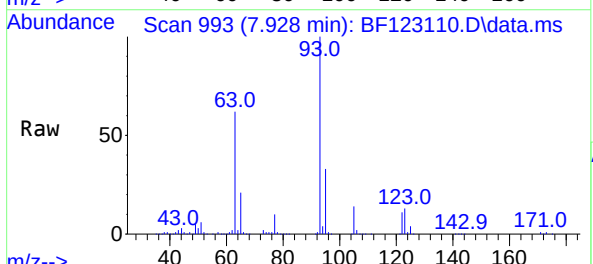
#27
2,4-Dimethylphenol
Concen: 52.72 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



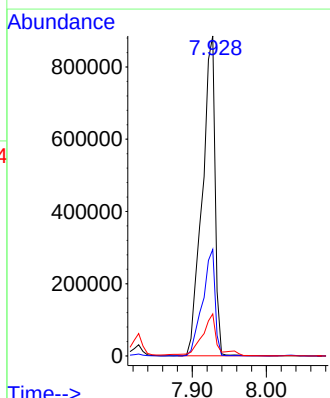
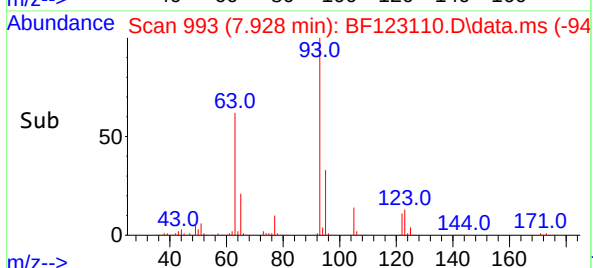
Tgt Ion:122 Resp: 806701
Ion Ratio Lower Upper
122 100
107 114.2 91.8 137.8
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.79 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



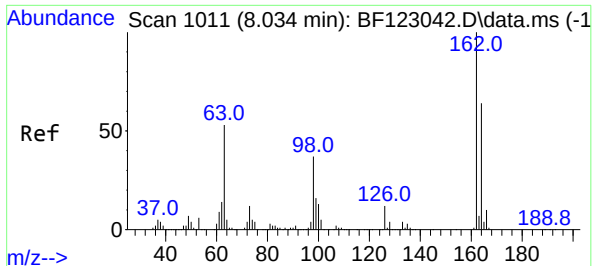
Tgt Ion: 93 Resp: 1064410
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.2
123 13.2 9.2 13.8



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



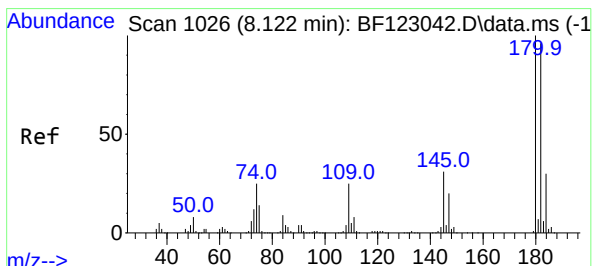
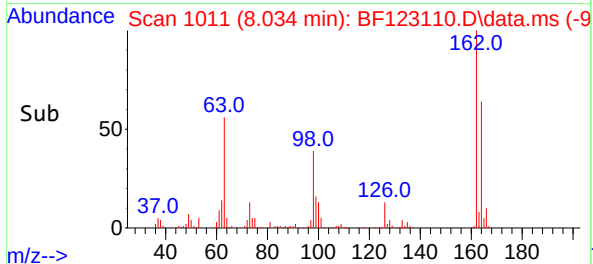
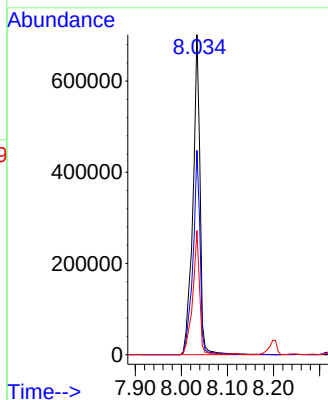
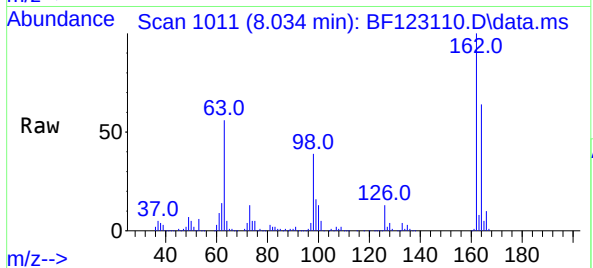
#29
2,4-Dichlorophenol
Concen: 47.22 ng
RT: 8.034 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:162 Resp: 755585
Ion Ratio Lower Upper
162 100
164 63.8 43.2 83.2
98 38.8 15.2 55.2

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

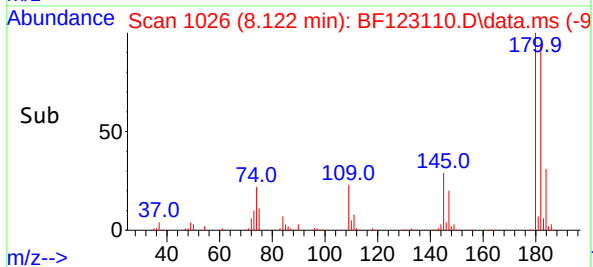
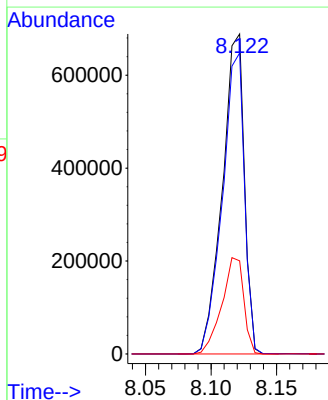
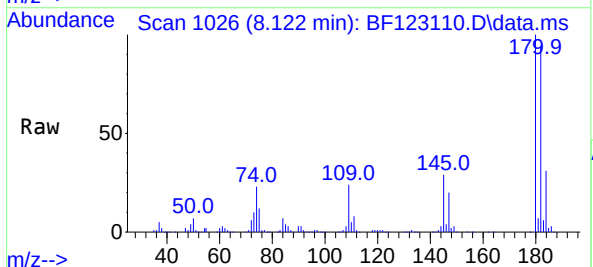
Manual Integrations
APPROVED

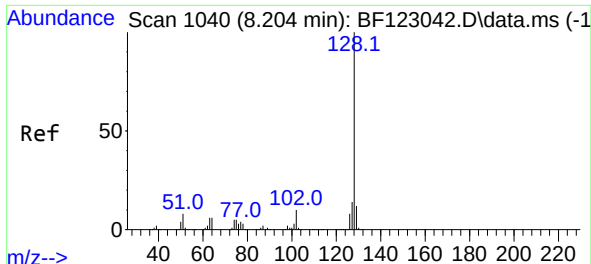
mohammad
2/8/2021 12:16:10 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.65 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:180 Resp: 804910
Ion Ratio Lower Upper
180 100
182 94.0 75.7 113.5
145 29.1 25.0 37.4





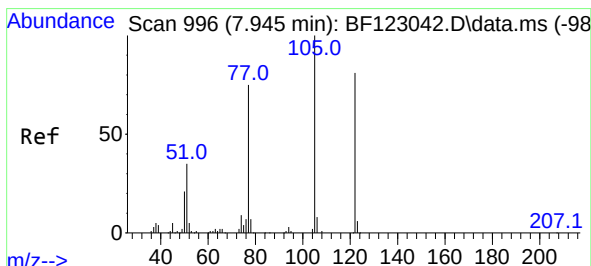
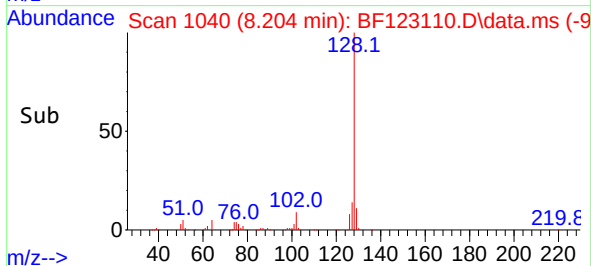
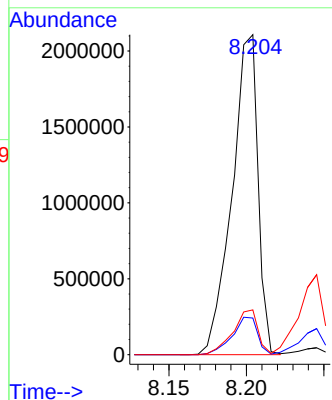
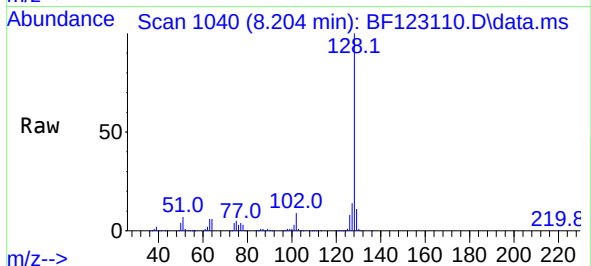
#31
Naphthalene
Concen: 44.61 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:128 Resp: 2450875
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.0 10.7 16.1

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

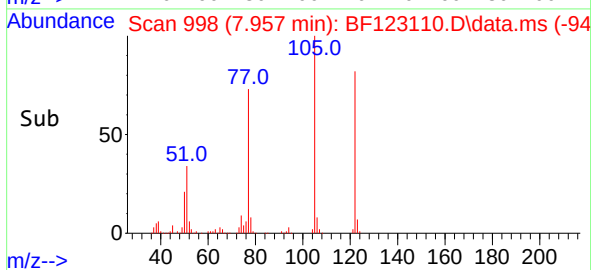
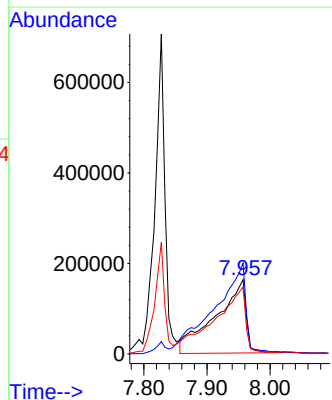
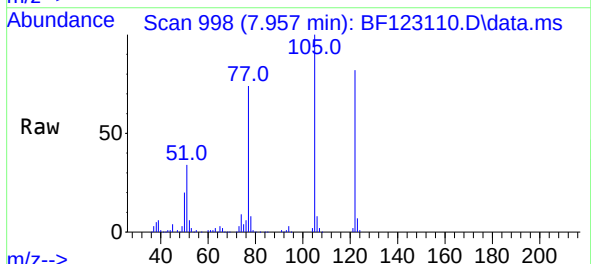
Manual Integrations
APPROVED

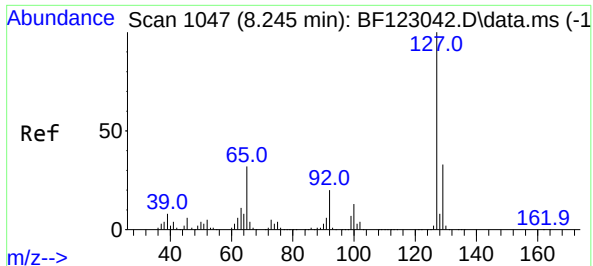
mohammad
2/8/2021 12:16:10 PM



#32
Benzoic acid
Concen: 44.29 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.012 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

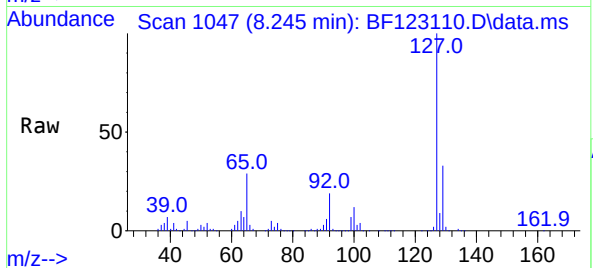
Tgt Ion:122 Resp: 540645
Ion Ratio Lower Upper
122 100
105 122.3 104.8 144.8
77 89.9 71.0 111.0





#33
4-Chloroaniline
Concen: 24.61 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

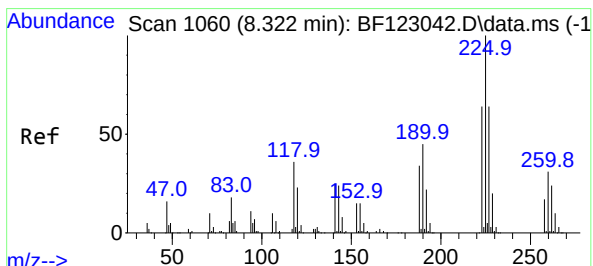
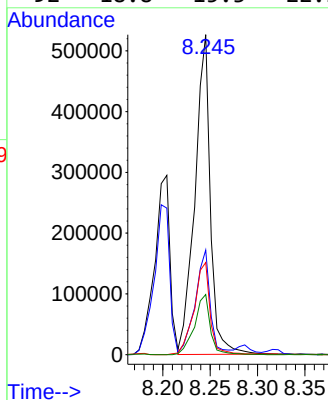
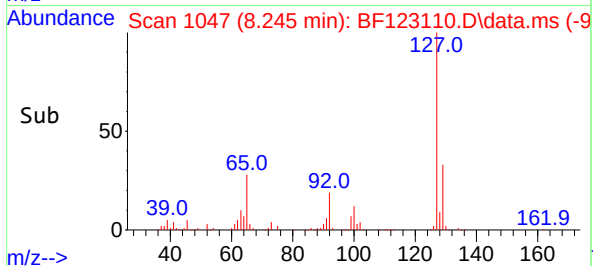
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



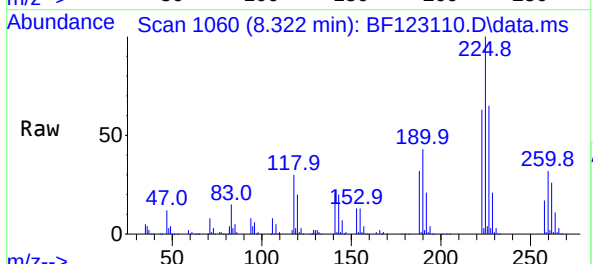
Tgt Ion:	127	Resp:	600073
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	28.8	22.2	33.2
92	18.8	15.3	22.9

Manual Integrations
APPROVED

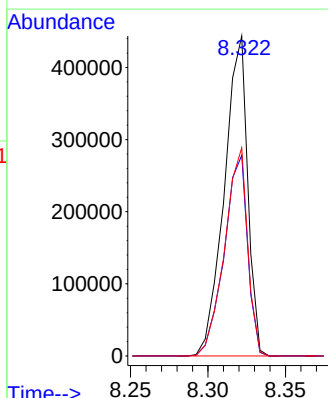
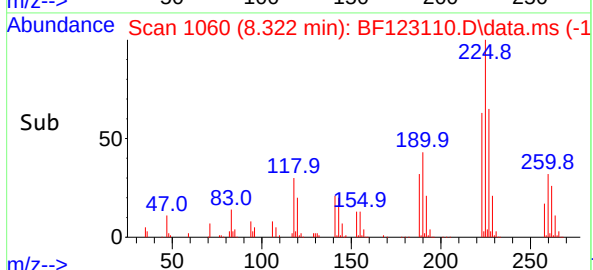
mohammad
2/8/2021 12:16:10 PM

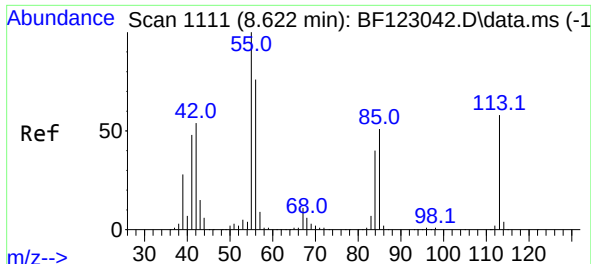


#34
Hexachlorobutadiene
Concen: 44.62 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

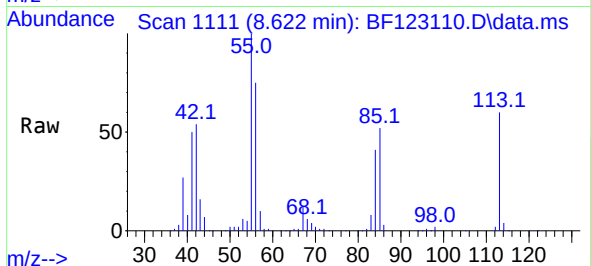


Tgt Ion:	225	Resp:	464587
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.7	76.1
227	65.1	51.7	77.5

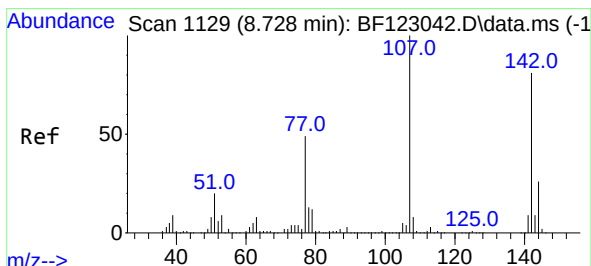
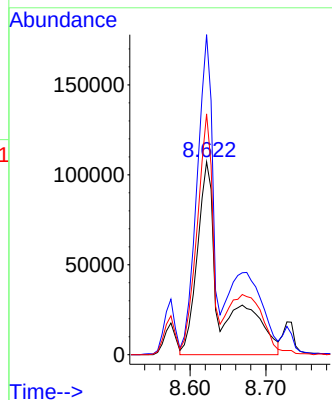
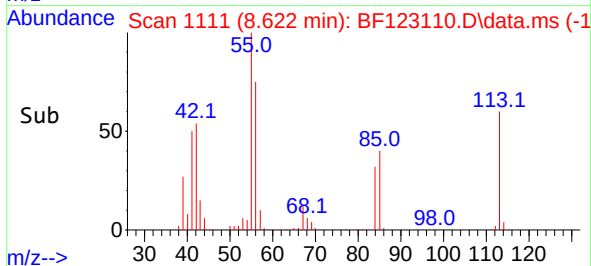




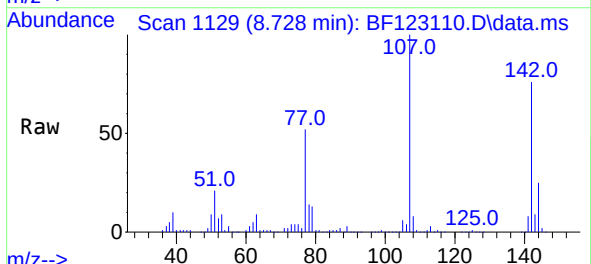
#35
Caprolactam
Concen: 45.04 ng m
RT: 8.622 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



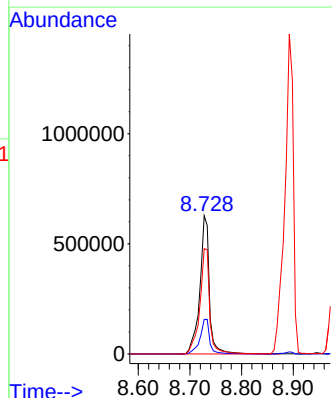
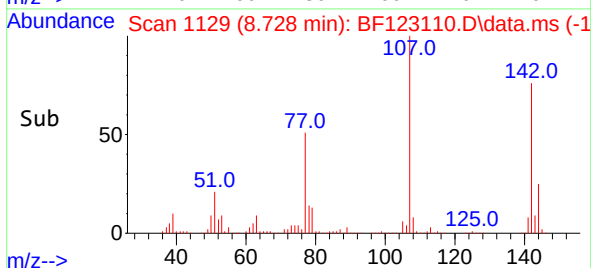
Tgt Ion:113 Resp: 243539
Ion Ratio Lower Upper
113 100
55 166.0 133.7 173.7
56 124.9 95.3 135.3



#36
4-Chloro-3-methylphenol
Concen: 48.75 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



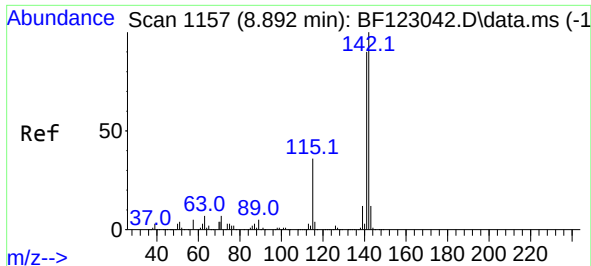
Tgt Ion:107 Resp: 811005
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 76.1 64.4 96.6



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



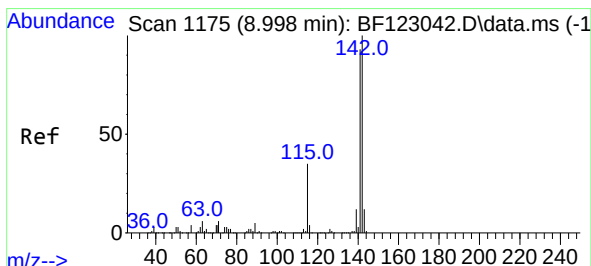
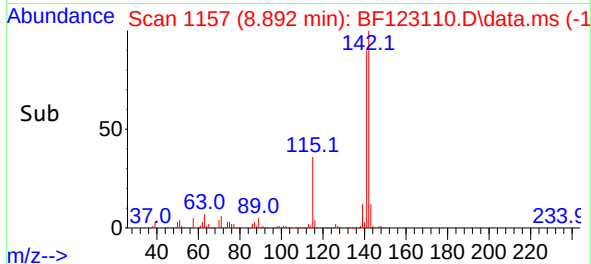
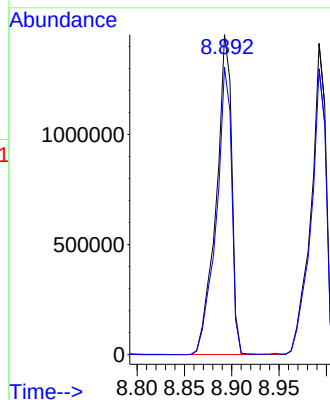
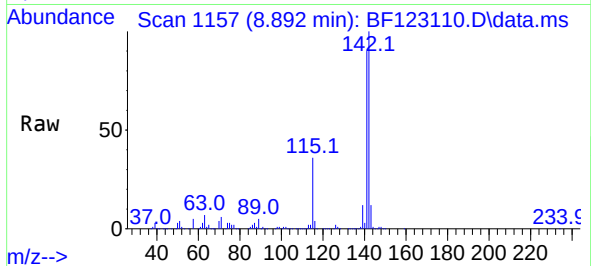
#37
2-Methylnaphthalene
Concen: 45.74 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:142 Resp: 1668282
Ion Ratio Lower Upper
142 100
141 89.8 70.6 106.0

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

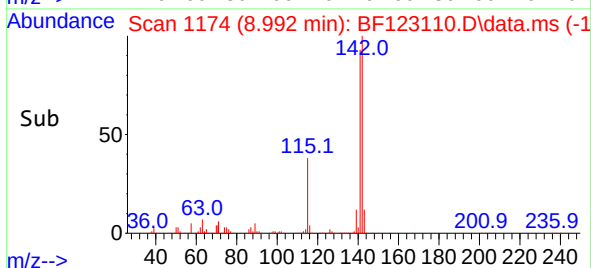
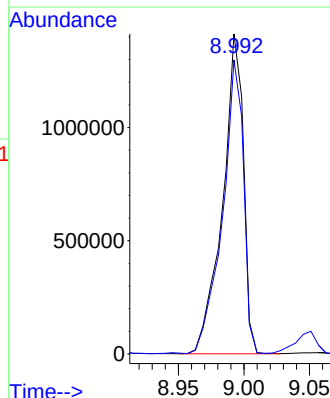
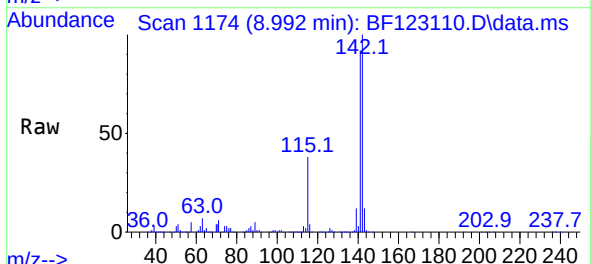
Manual Integrations
APPROVED

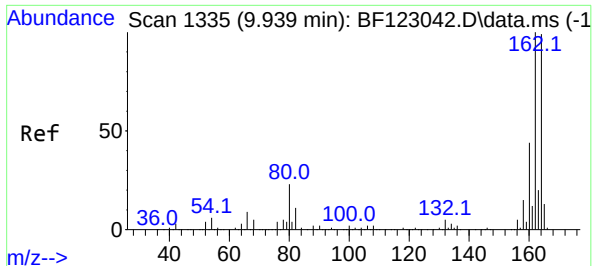
mohammad
2/8/2021 12:16:10 PM



#38
1-Methylnaphthalene
Concen: 45.20 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:142 Resp: 1561112
Ion Ratio Lower Upper
142 100
141 91.9 74.5 111.7





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

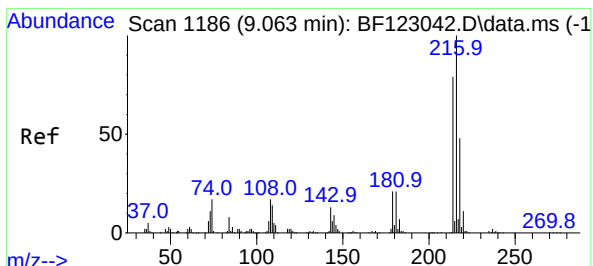
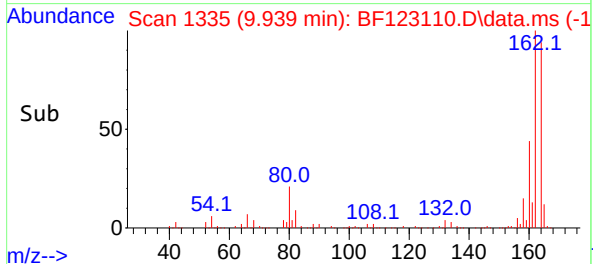
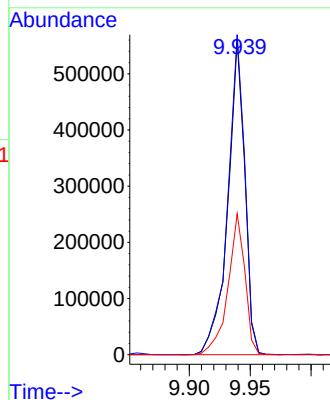
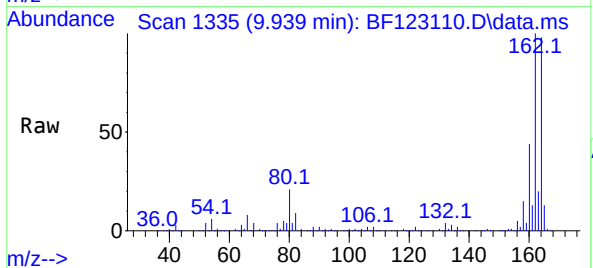
Tgt Ion:164 Resp: 542652

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 44.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.38 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

Tgt Ion:216 Resp: 749163

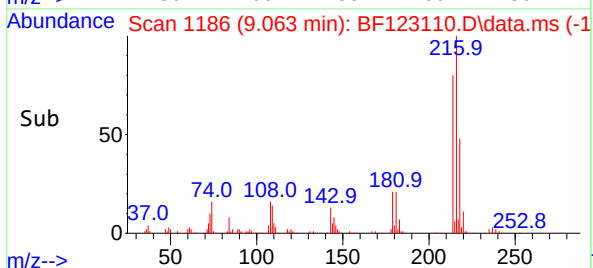
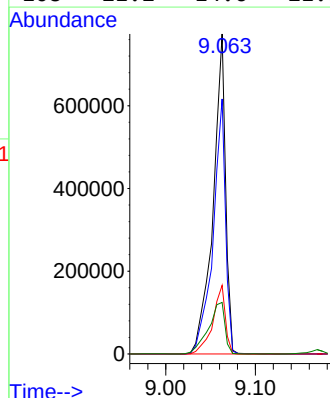
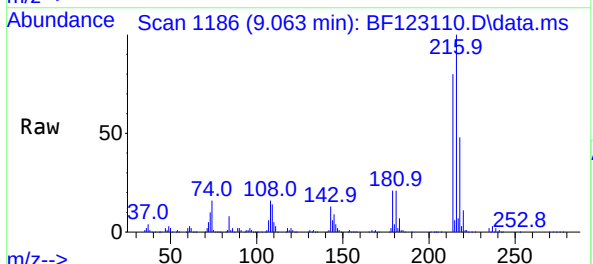
Ion Ratio Lower Upper

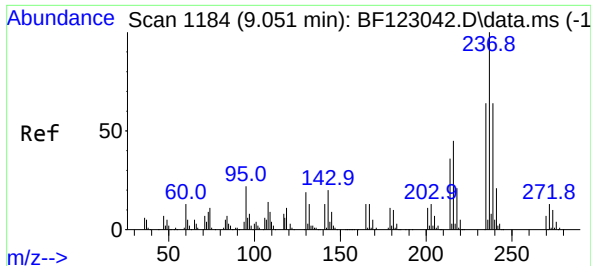
216 100

214 79.6 63.1 94.7

179 21.6 17.1 25.7

108 21.2 14.6 21.8





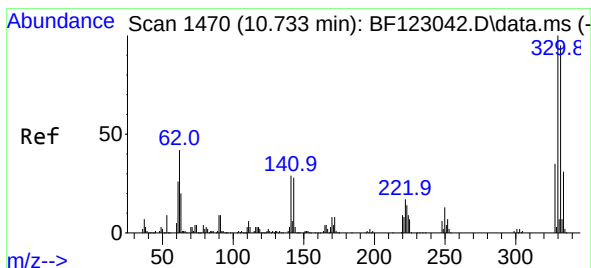
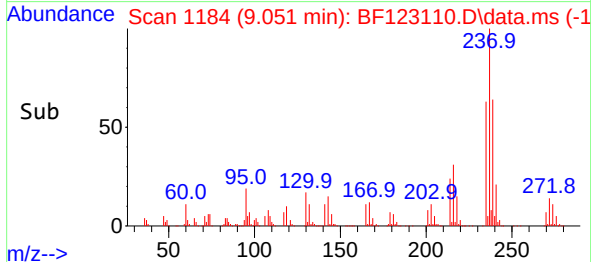
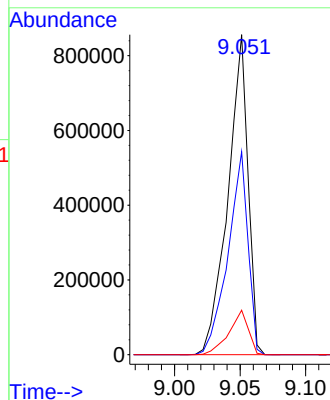
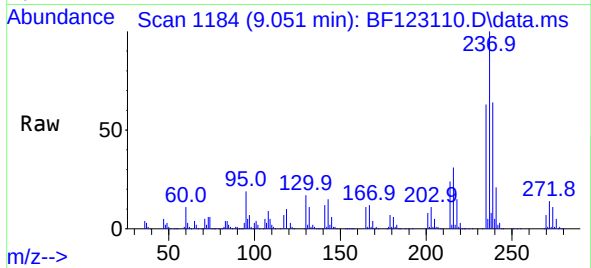
#41
Hexachlorocyclopentadiene
Concen: 113.94 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:237 Resp: 913052
Ion Ratio Lower Upper
237 100
235 63.4 40.9 80.9
272 13.9 0.0 33.4

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

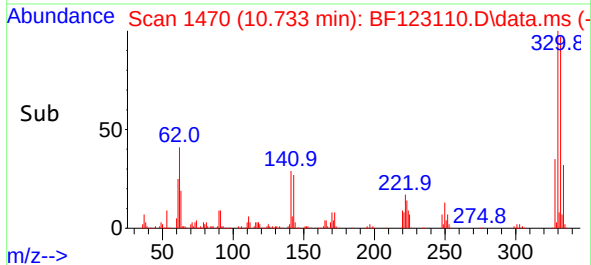
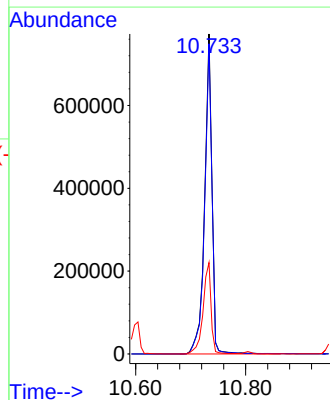
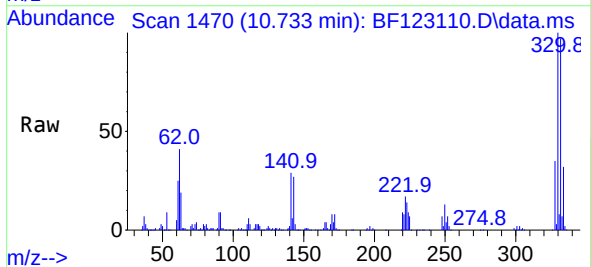
Manual Integrations
APPROVED

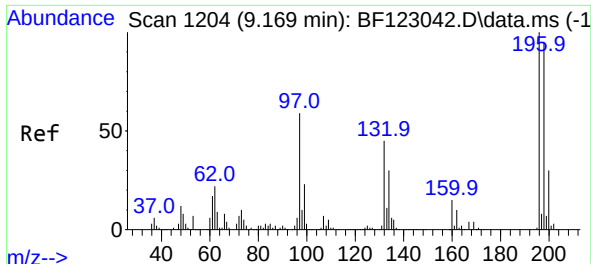
mohammad
2/8/2021 12:16:10 PM



#42
2,4,6-Tribromophenol
Concen: 122.65 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:330 Resp: 722511
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 31.1 23.8 35.8





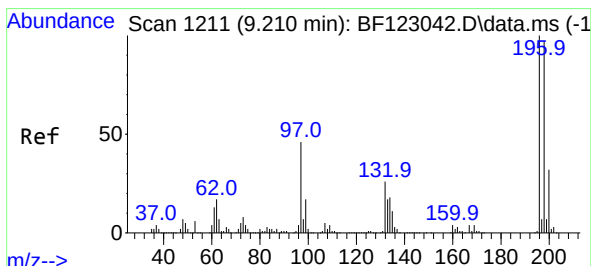
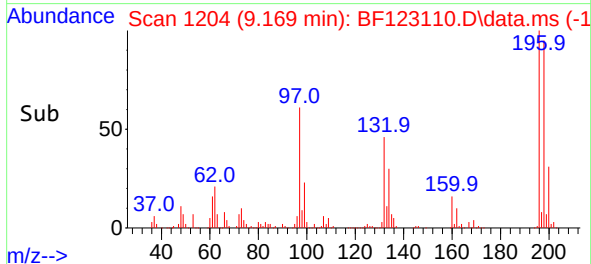
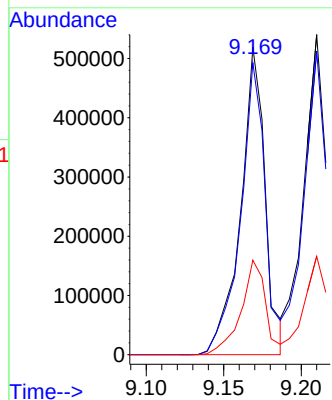
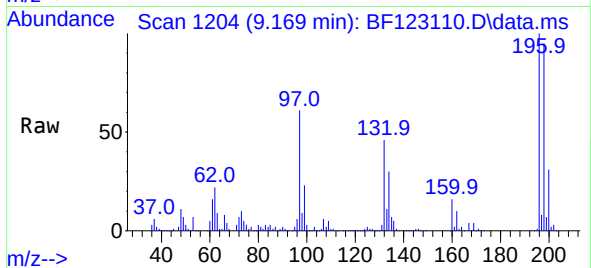
#43
2,4,6-Trichlorophenol
Concen: 49.41 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:196 Resp: 571839
Ion Ratio Lower Upper
196 100
198 94.9 75.1 112.7
200 30.7 23.7 35.5

Instrument :
BNA_F
ClientSampled :
PB134405BSD

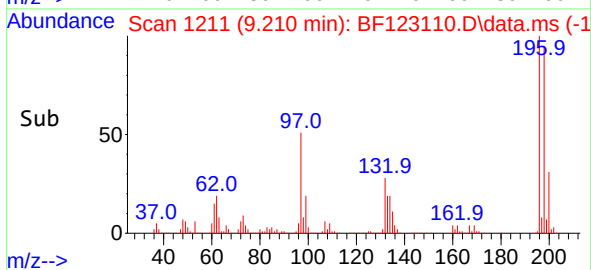
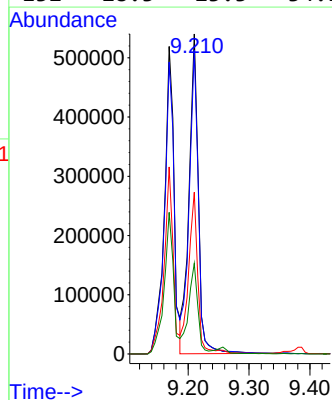
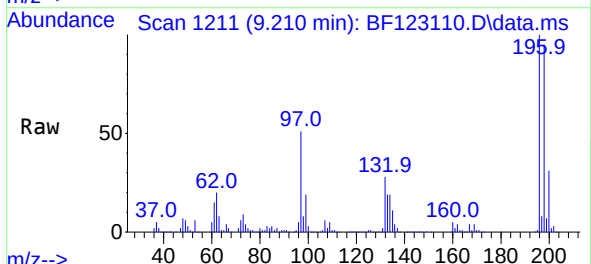
Manual Integrations
APPROVED

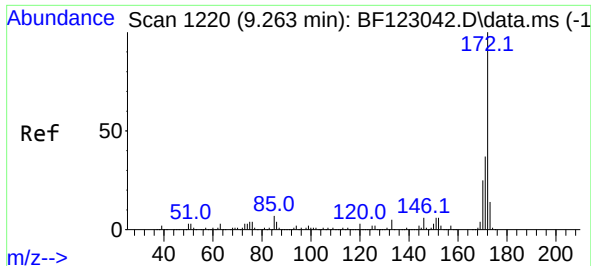
mohammad
2/8/2021 12:16:10 PM



#44
2,4,5-Trichlorophenol
Concen: 47.43 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:196 Resp: 573958
Ion Ratio Lower Upper
196 100
198 94.9 76.5 114.7
97 50.5 40.1 60.1
132 28.3 23.3 34.9





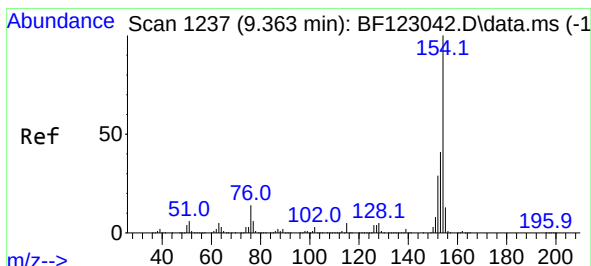
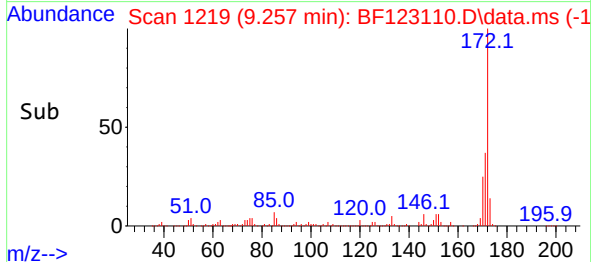
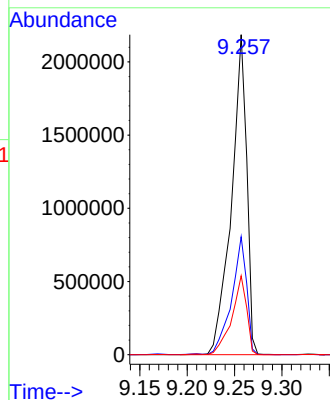
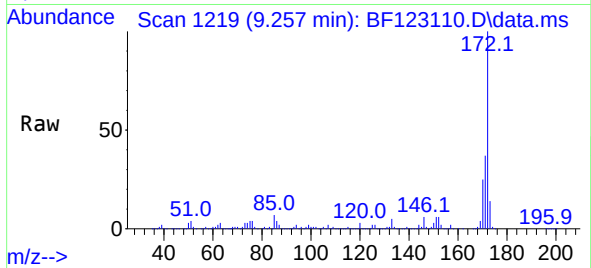
#45
2-Fluorobiphenyl
Concen: 67.24 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:172 Resp: 2454453
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.6 19.5 29.3

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

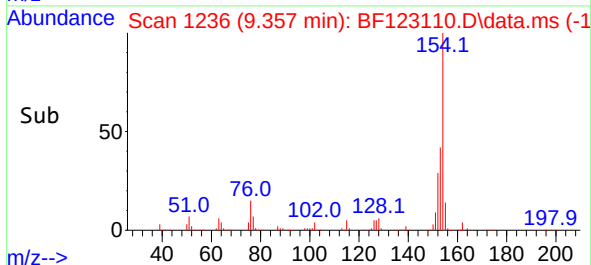
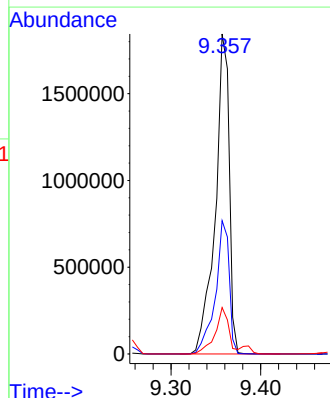
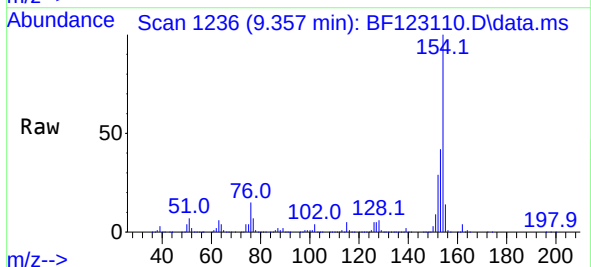
Manual Integrations
APPROVED

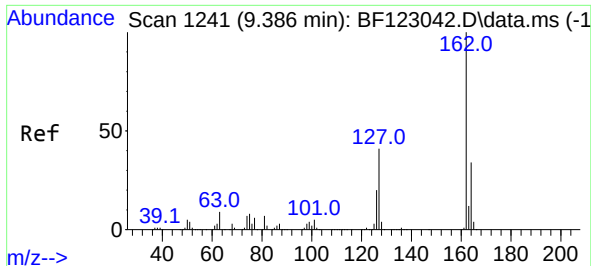
mohammad
2/8/2021 12:16:10 PM



#46
1,1'-Biphenyl
Concen: 44.63 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:154 Resp: 1986670
Ion Ratio Lower Upper
154 100
153 41.6 21.8 61.8
76 14.5 0.0 33.4





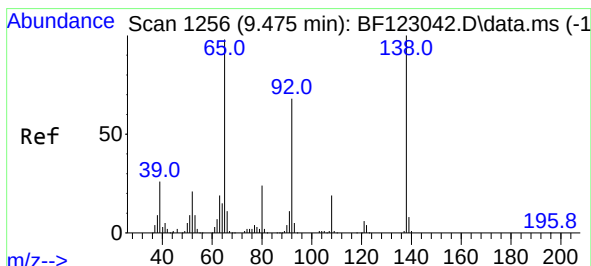
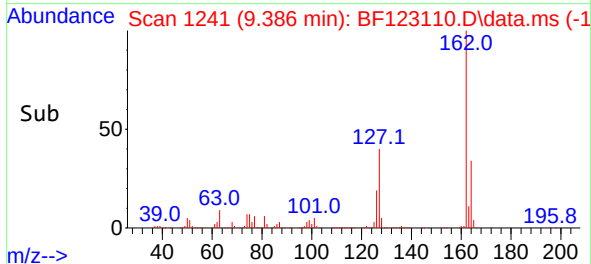
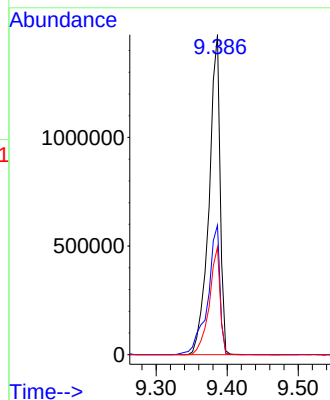
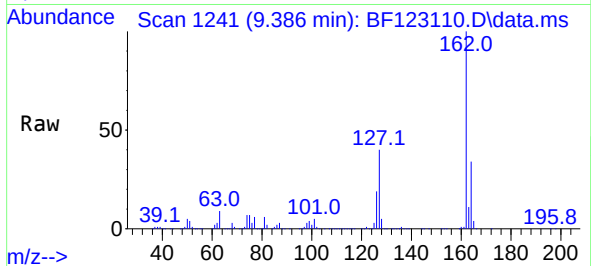
#47
2-Chloronaphthalene
Concen: 42.99 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:162 Resp: 1601864
Ion Ratio Lower Upper
162 100
127 40.5 33.8 50.8
164 33.6 26.5 39.7

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

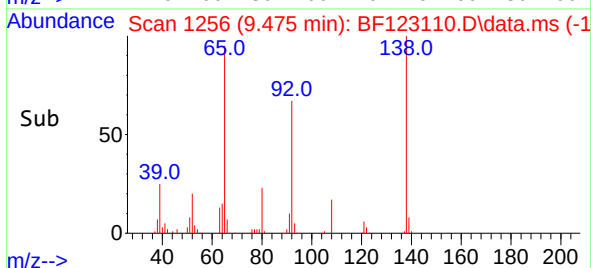
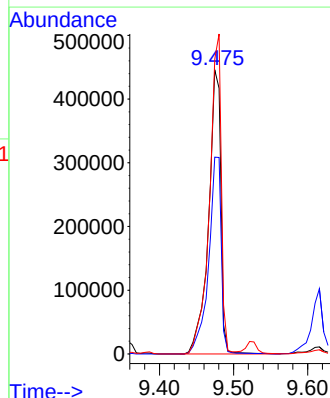
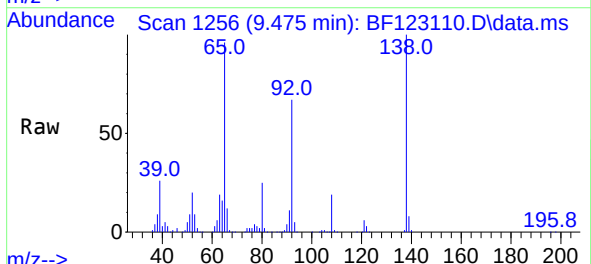
Manual Integrations
APPROVED

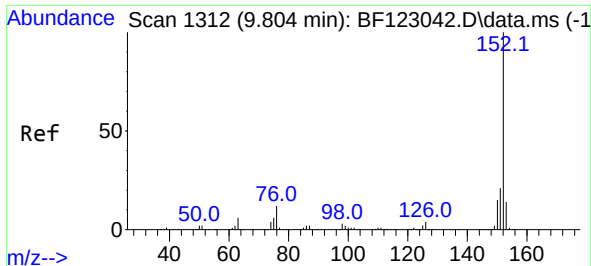
mohammad
2/8/2021 12:16:10 PM



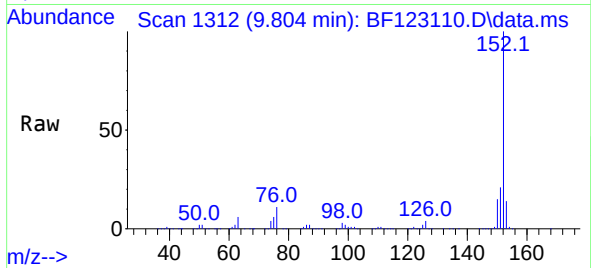
#48
2-Nitroaniline
Concen: 45.67 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion: 65 Resp: 515750
Ion Ratio Lower Upper
65 100
92 69.3 60.0 90.0
138 103.8 100.6 151.0



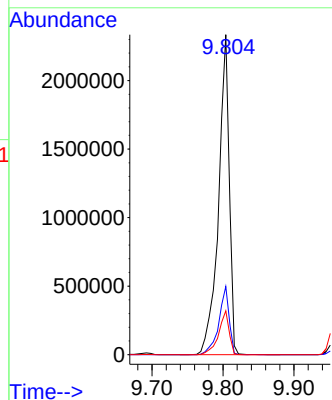


#49
Acenaphthylene
Concen: 44.82 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:152 Resp: 2444468

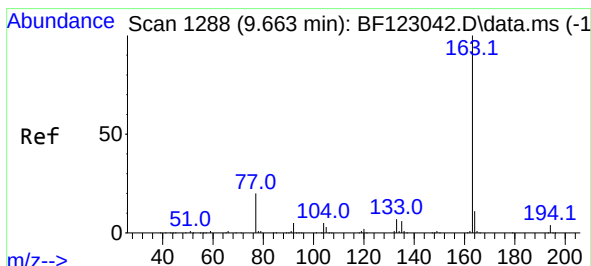
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.6	25.0
153	13.7	10.9	16.3



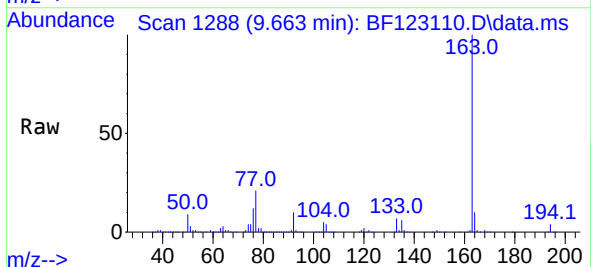
Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

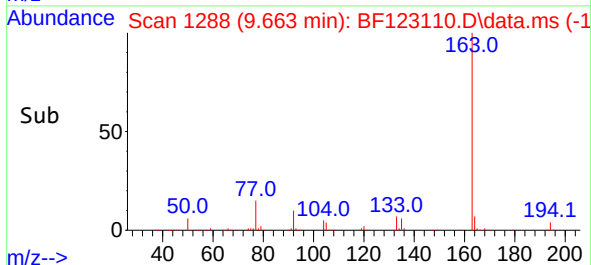
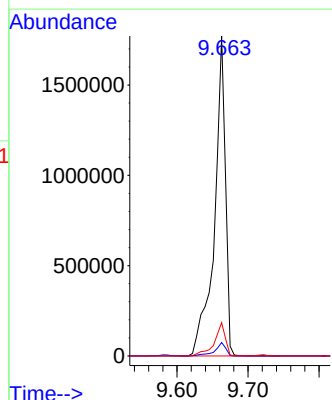


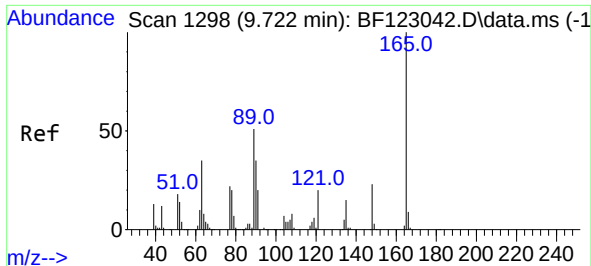
#50
Dimethylphthalate
Concen: 44.73 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:163 Resp: 1904447

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.4	8.1	12.1





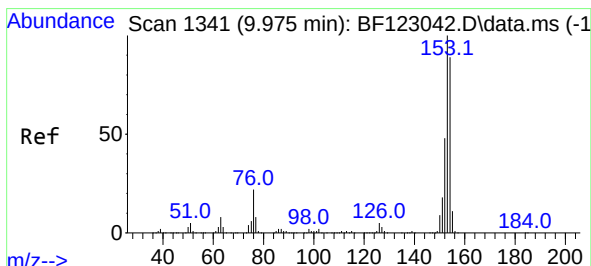
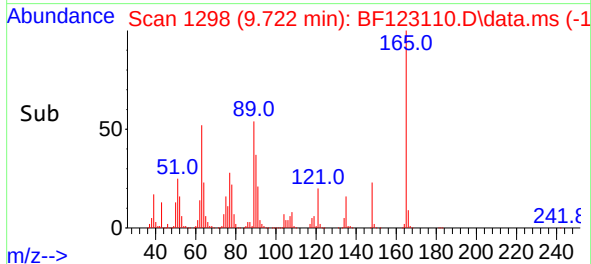
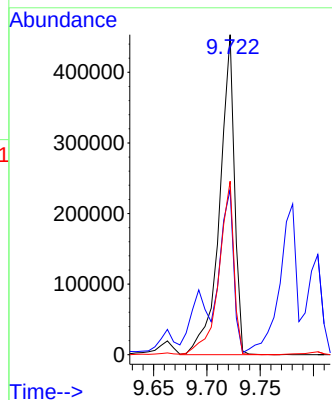
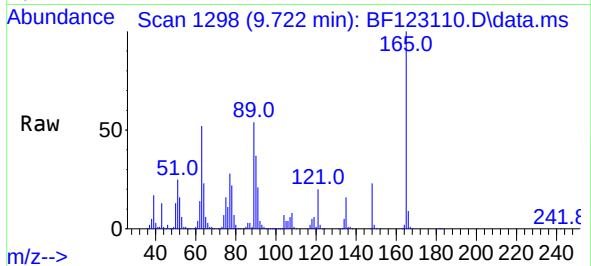
#51
2,6-Dinitrotoluene
Concen: 48.30 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:165 Resp: 438044
Ion Ratio Lower Upper
165 100
63 51.6 36.6 55.0
89 54.2 39.4 59.0

Instrument :
BNA_F
ClientSampled :
PB134405BSD

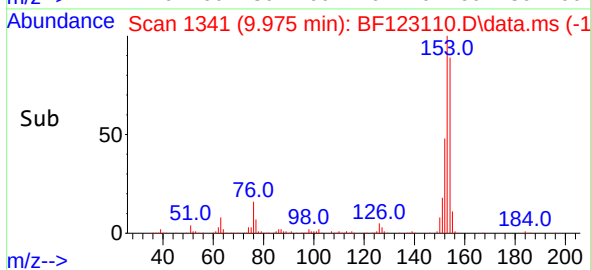
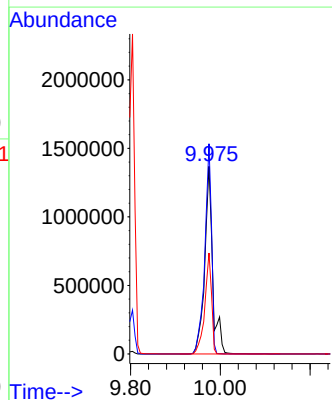
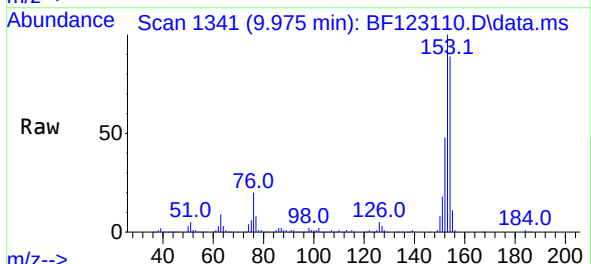
Manual Integrations
APPROVED

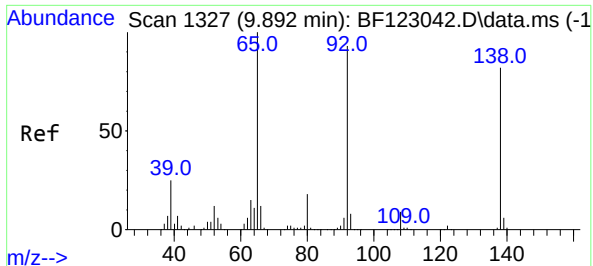
mohammad
2/8/2021 12:16:10 PM



#52
Acenaphthene
Concen: 48.72 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:154 Resp: 1706801
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.6
152 53.8 42.7 64.1





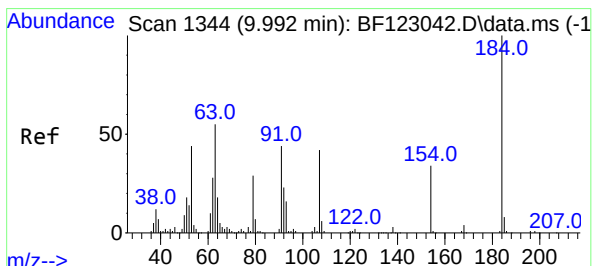
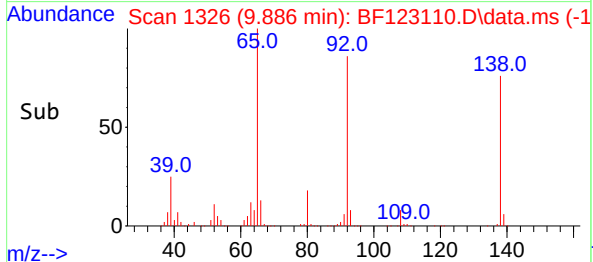
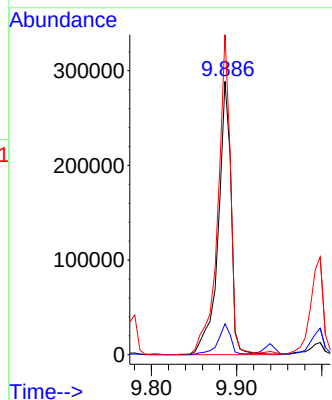
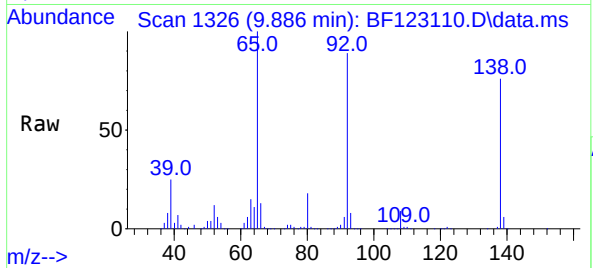
#53
3-Nitroaniline
Concen: 28.18 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:138 Resp: 302152
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.2
92 117.1 85.4 128.2

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

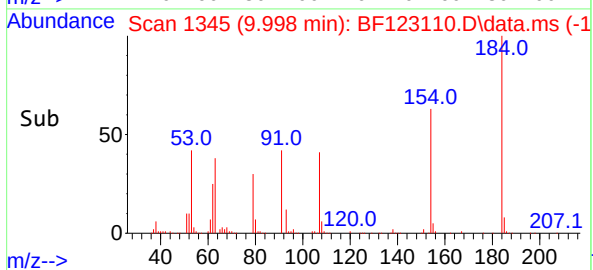
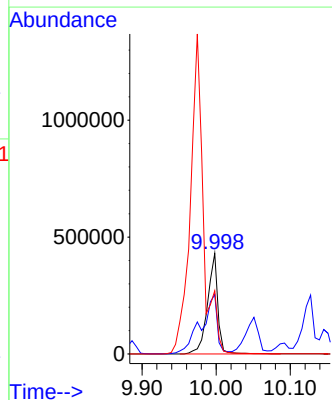
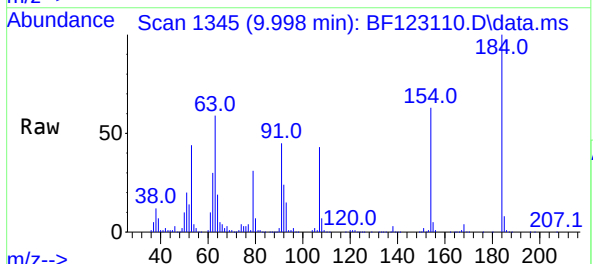
Manual Integrations
APPROVED

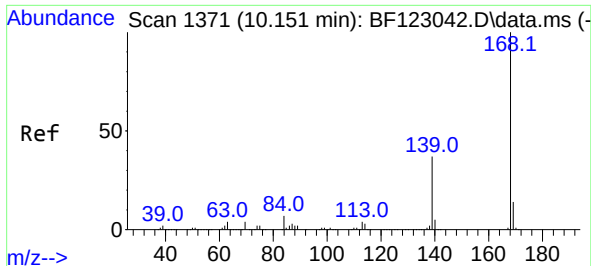
mohammad
2/8/2021 12:16:10 PM



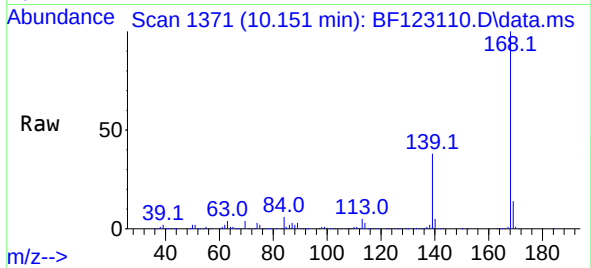
#54
2,4-Dinitrophenol
Concen: 99.03 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:184 Resp: 418079
Ion Ratio Lower Upper
184 100
63 59.0 51.4 77.2
154 62.8 49.7 74.5

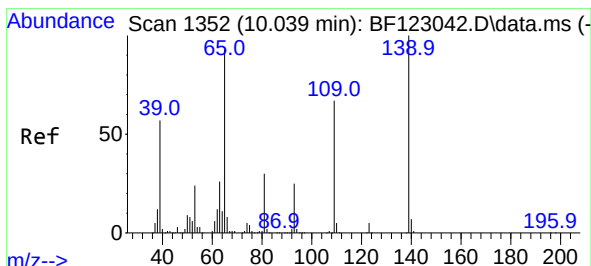
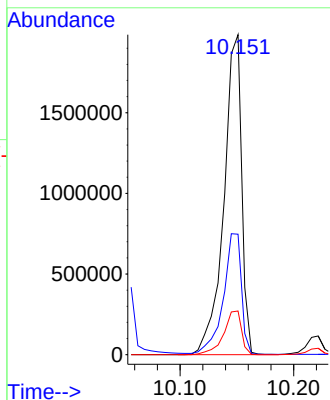
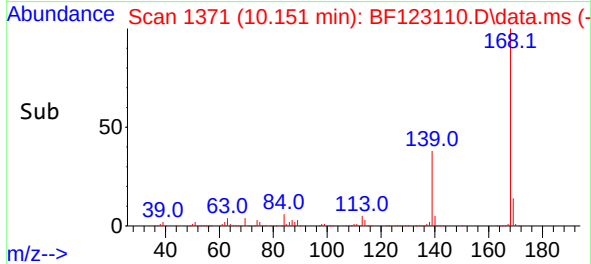




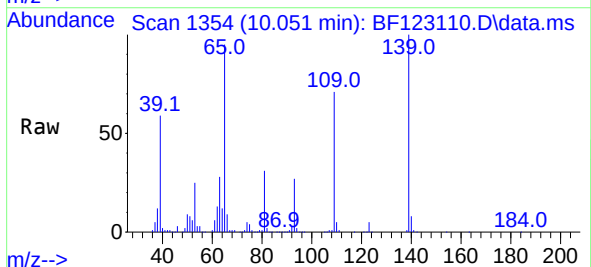
#55
Dibenzenofuran
Concen: 42.45 ng
RT: 10.151 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



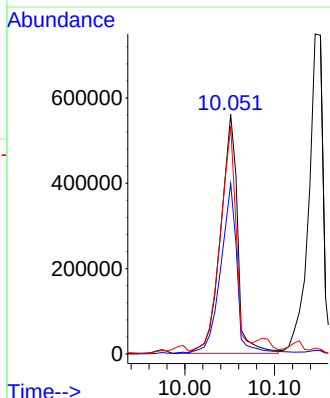
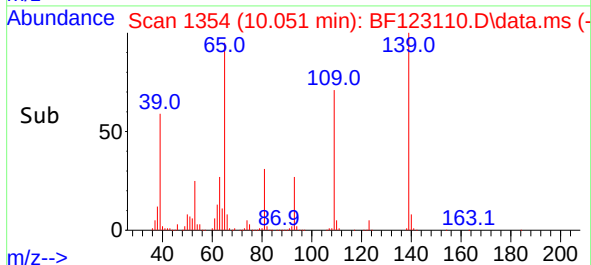
Tgt Ion:168 Resp: 2163698
Ion Ratio Lower Upper
168 100
139 37.7 31.3 46.9
169 13.6 11.2 16.8



#56
4-Nitrophenol
Concen: 94.25 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



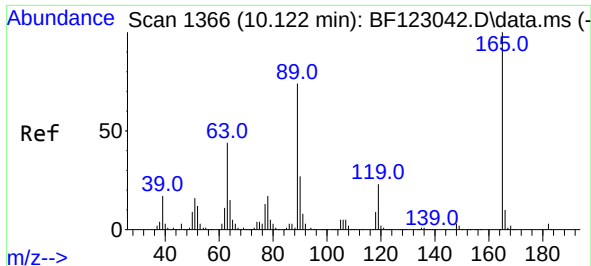
Tgt Ion:139 Resp: 730634
Ion Ratio Lower Upper
139 100
109 71.1 45.1 85.1
65 95.1 59.2 99.2



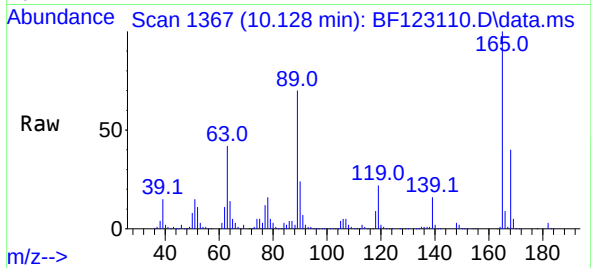
Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

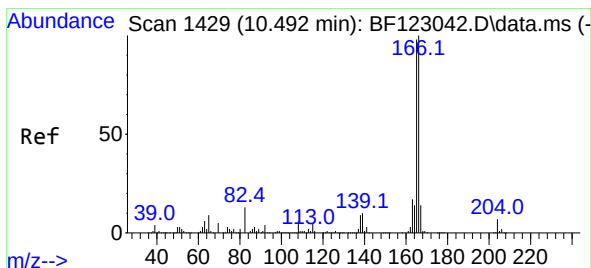
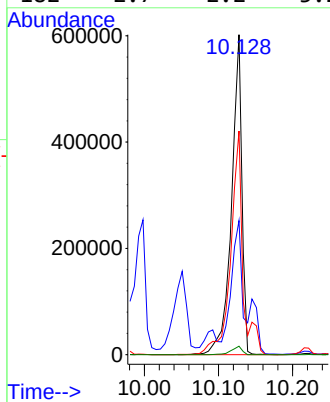
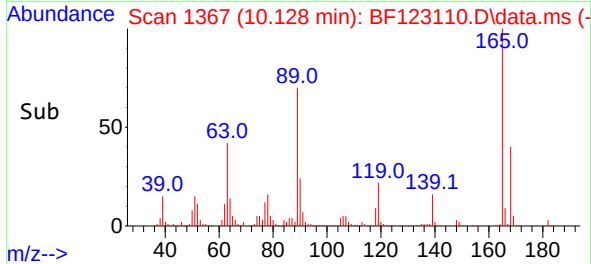
mohammad
2/8/2021 12:16:10 PM



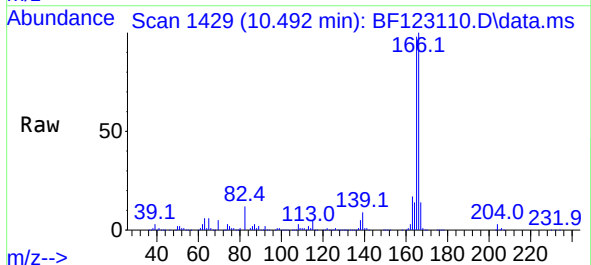
#57
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



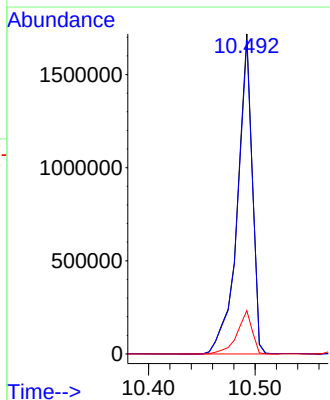
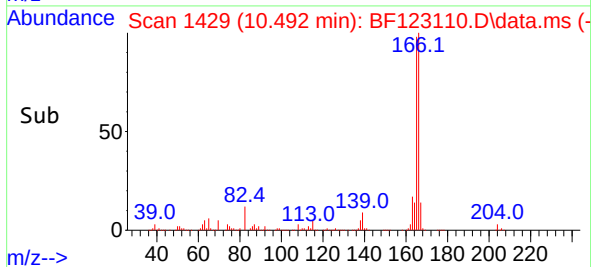
Tgt Ion:165 Resp: 585633
Ion Ratio Lower Upper
165 100
63 41.9 34.3 51.5
89 69.9 55.2 82.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.91 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



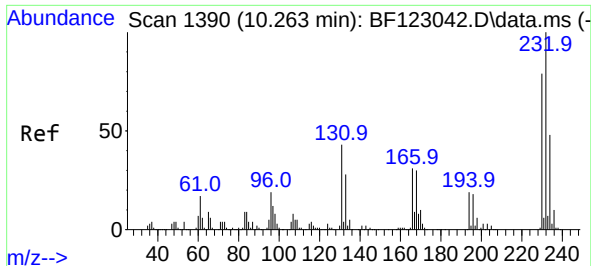
Tgt Ion:166 Resp: 1666035
Ion Ratio Lower Upper
166 100
165 98.1 79.4 119.0
167 13.5 10.9 16.3



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



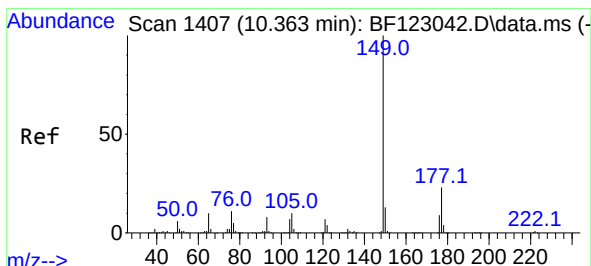
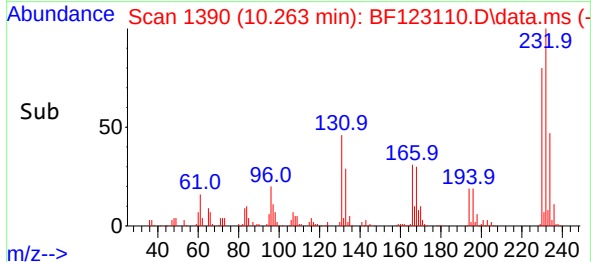
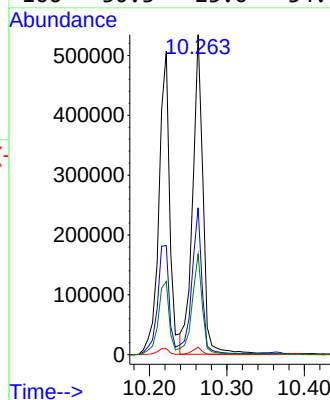
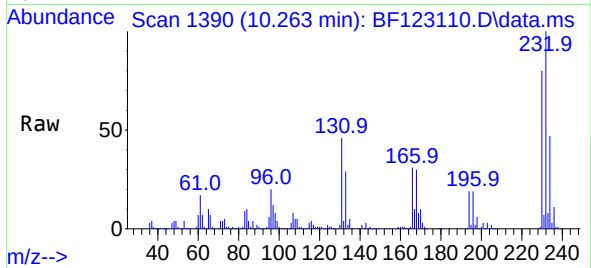
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.29 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:232 Resp: 495632
Ion Ratio Lower Upper
232 100
131 45.2 33.0 49.4
130 2.3 1.7 2.5
166 30.3 23.0 34.4

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

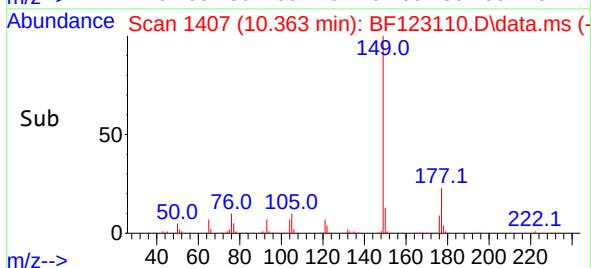
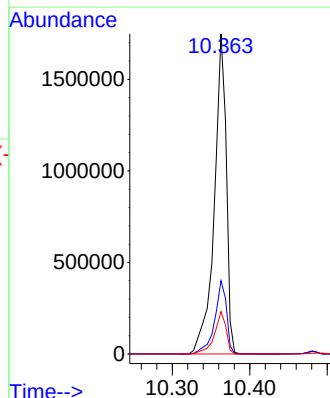
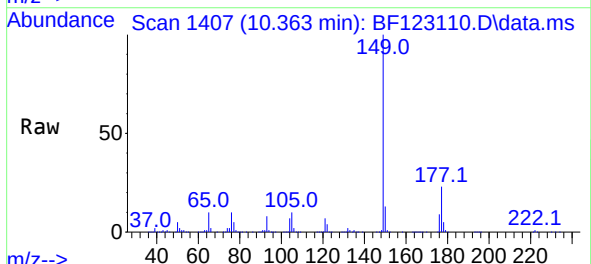
Manual Integrations
APPROVED

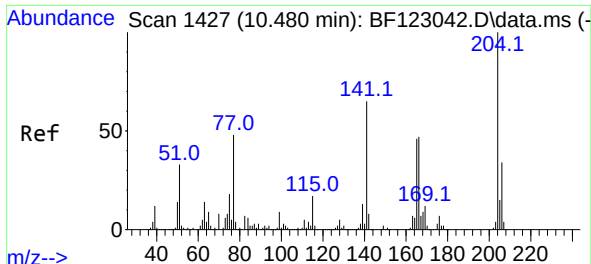
mohammad
2/8/2021 12:16:10 PM



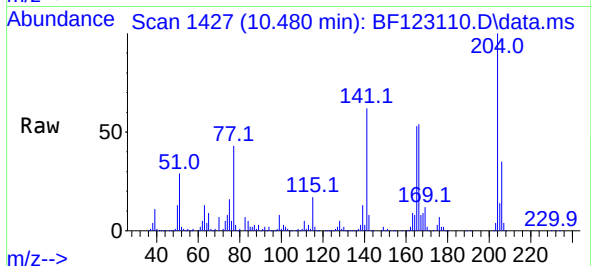
#60
Diethylphthalate
Concen: 44.85 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:149 Resp: 1877795
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.4
150 13.2 10.1 15.1

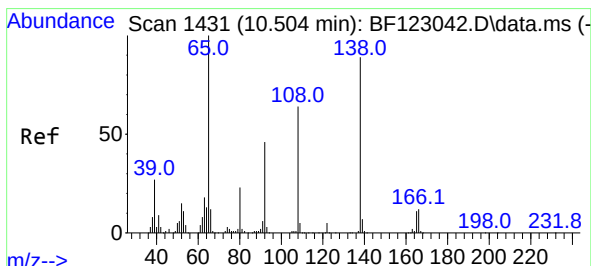
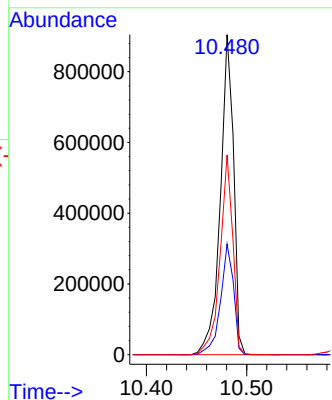
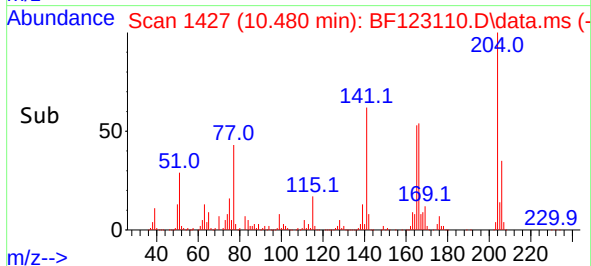




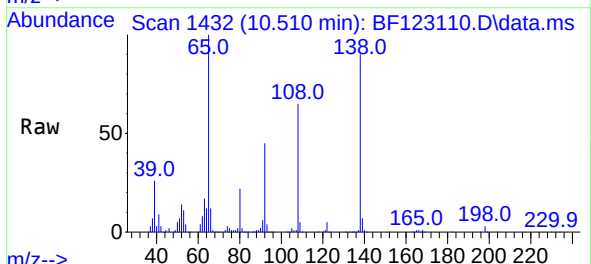
#61
4-Chlorophenyl-phenylether
Concen: 43.31 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



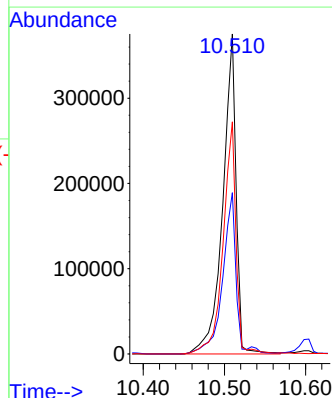
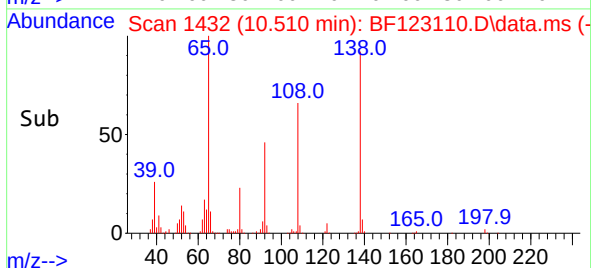
Tgt Ion:204 Resp: 828558
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 62.4 50.4 75.6



#62
4-Nitroaniline
Concen: 39.92 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



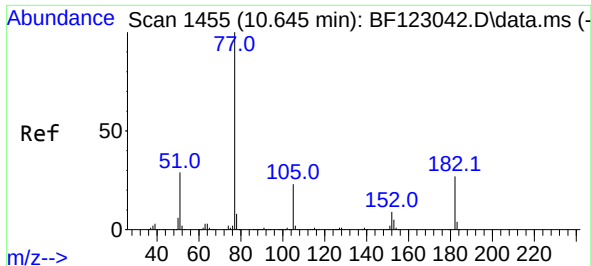
Tgt Ion:138 Resp: 430145
Ion Ratio Lower Upper
138 100
92 50.4 31.0 71.0
108 72.5 54.8 94.8



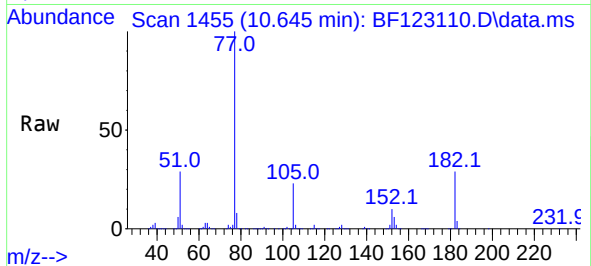
Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

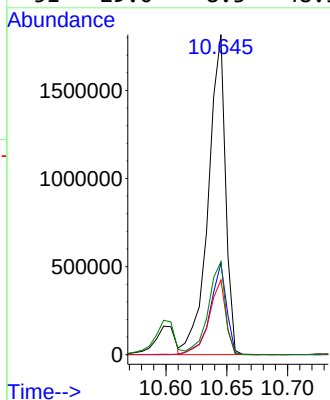


#63
Azobenzene
Concen: 43.57 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion: 77 Resp: 1784917

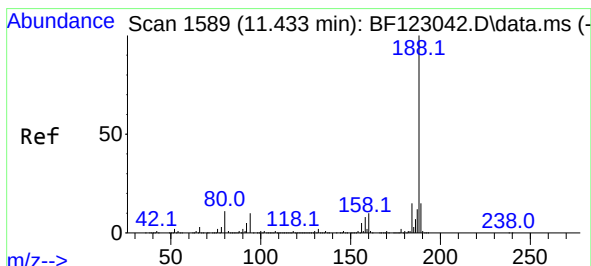
Ion	Ratio	Lower	Upper
77	100		
182	28.6	5.6	45.6
105	23.3	1.8	41.8
51	29.0	8.3	48.3



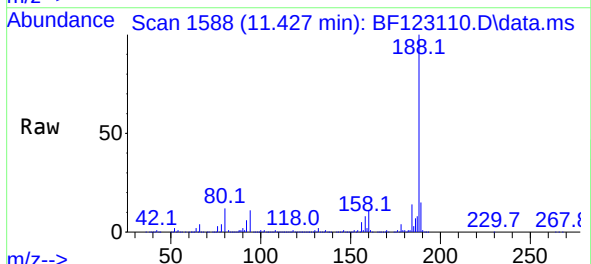
Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

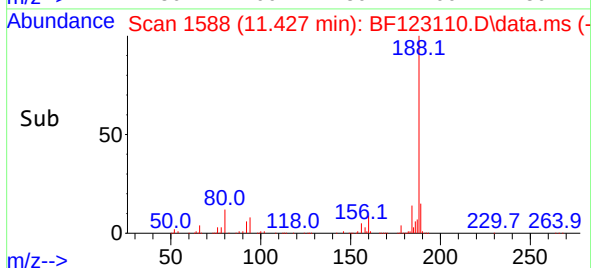
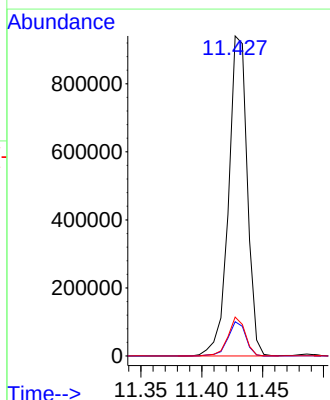


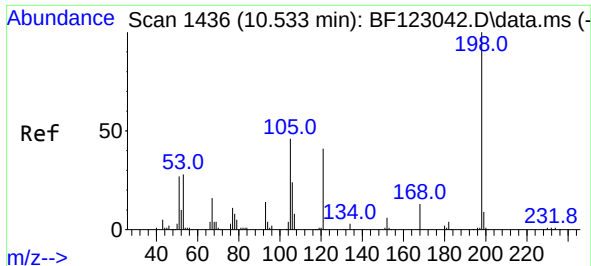
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion: 188 Resp: 1003871

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.4	11.2
80	12.2	8.2	12.4





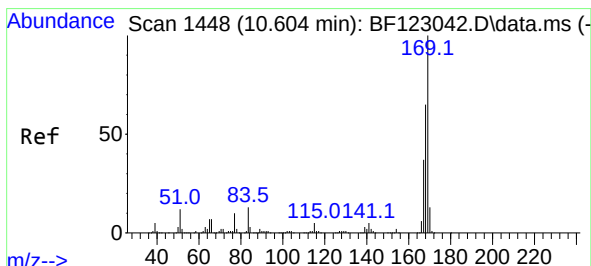
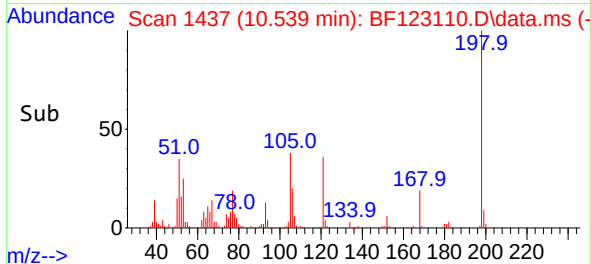
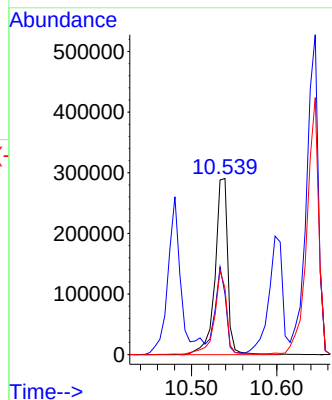
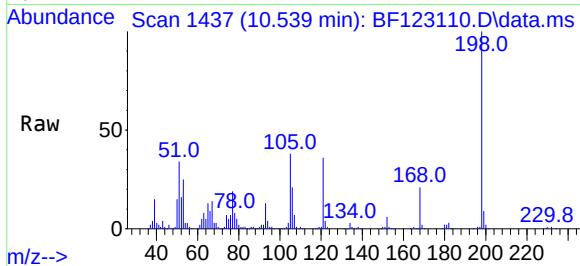
#65
4,6-Dinitro-2-methylphenol
Concen: 53.92 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:198 Resp: 302562
Ion Ratio Lower Upper
198 100
51 34.4 20.3 60.3
105 37.8 23.0 63.0

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

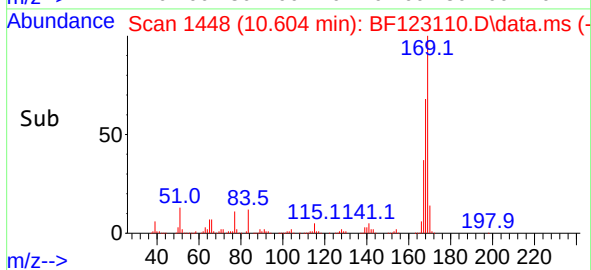
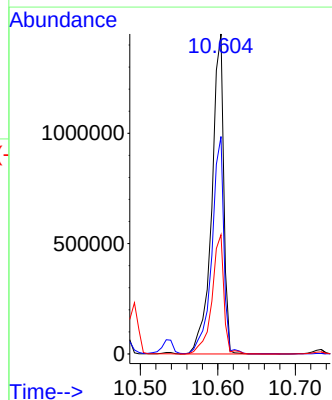
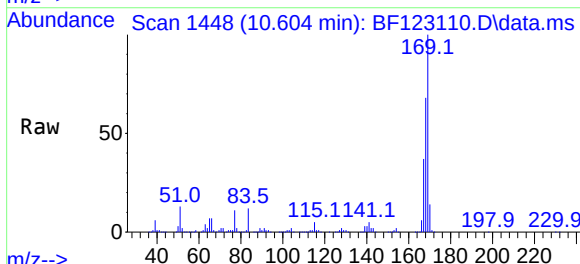
Manual Integrations
APPROVED

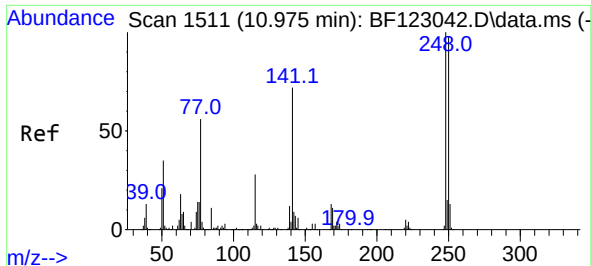
mohammad
2/8/2021 12:16:10 PM



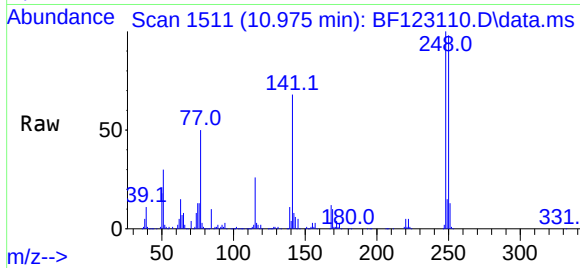
#66
n-Nitrosodiphenylamine
Concen: 42.73 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:169 Resp: 1546139
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.2
167 37.2 29.2 43.8

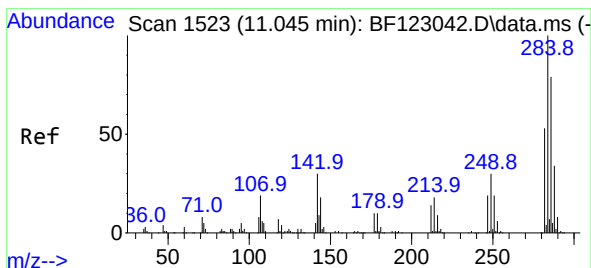
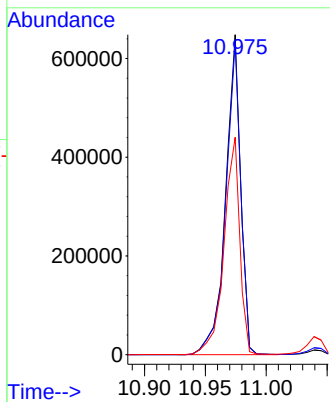
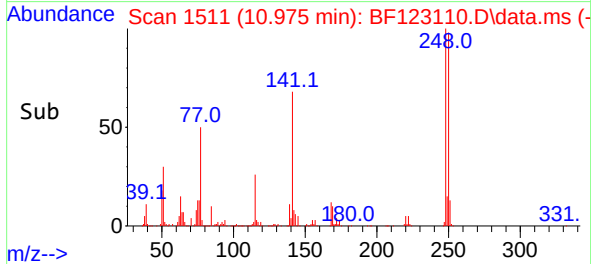




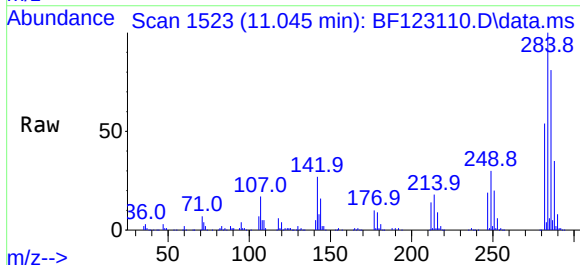
#67
4-Bromophenyl-phenylether
Concen: 43.92 ng
RT: 10.975 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



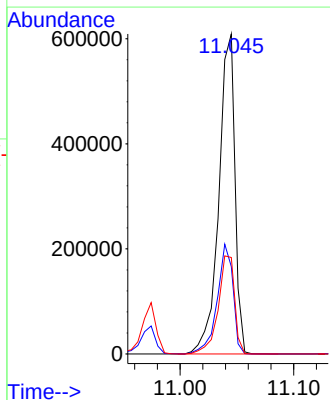
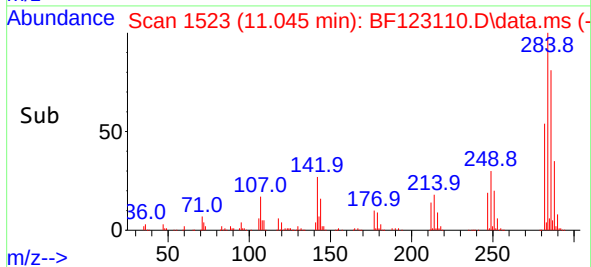
Tgt Ion:248 Resp: 561506
Ion Ratio Lower Upper
248 100
250 97.5 76.8 115.2
141 67.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 43.99 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



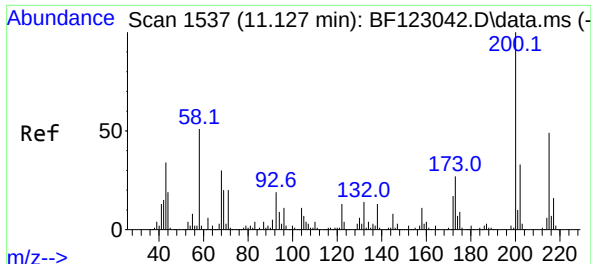
Tgt Ion:284 Resp: 603256
Ion Ratio Lower Upper
284 100
142 27.3 25.6 38.4
249 30.2 25.1 37.7



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



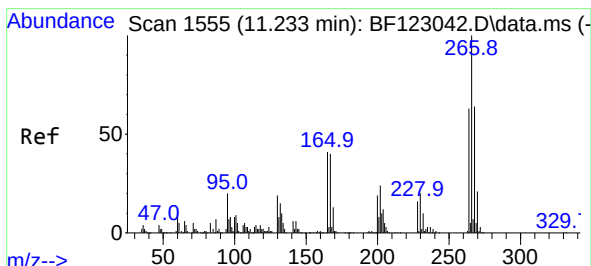
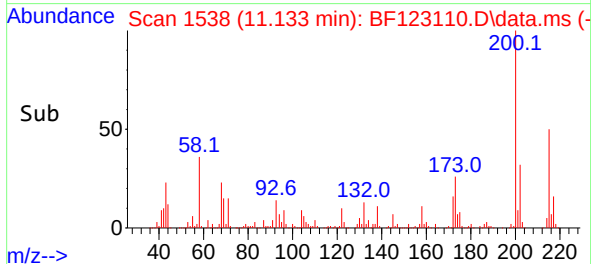
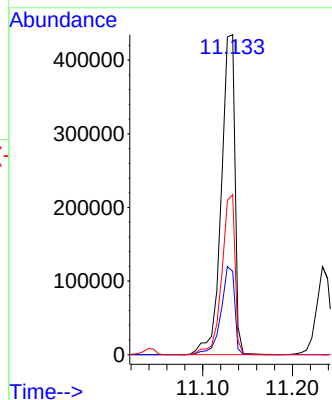
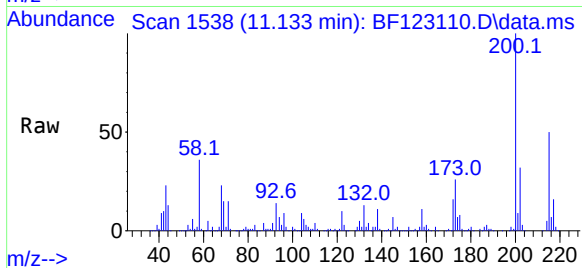
#69
Atrazine
Concen: 46.15 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:200 Resp: 461177
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 50.0 28.1 68.1

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

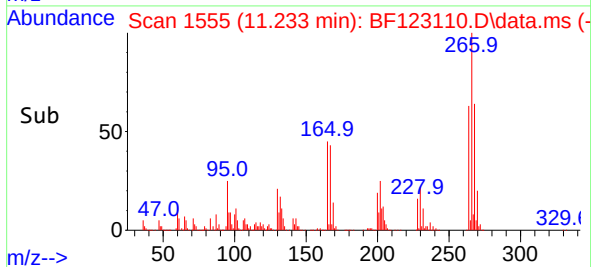
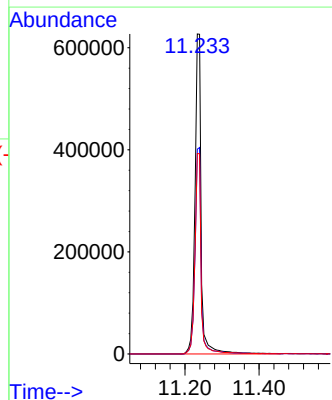
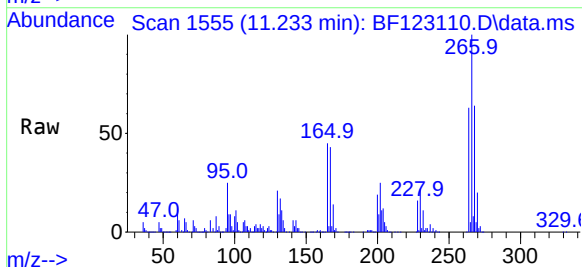
Manual Integrations
APPROVED

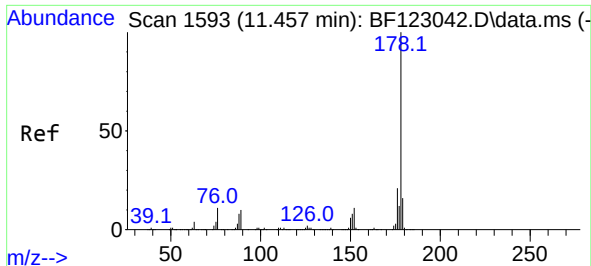
mohammad
2/8/2021 12:16:10 PM



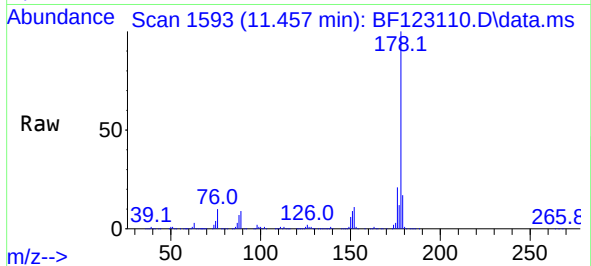
#70
Pentachlorophenol
Concen: 98.04 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Tgt Ion:266 Resp: 728583
Ion Ratio Lower Upper
266 100
268 64.0 50.5 75.7
264 62.7 49.8 74.8

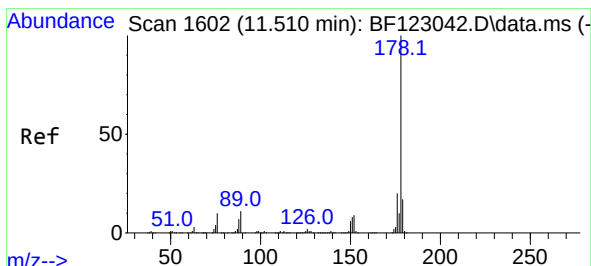
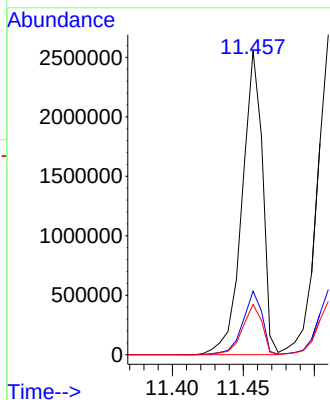
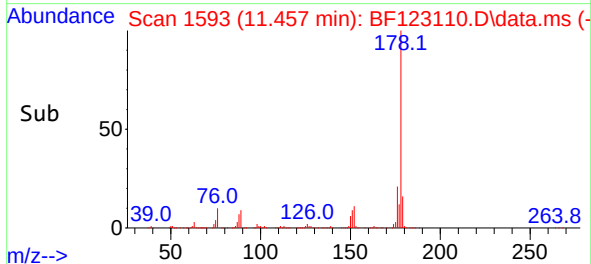




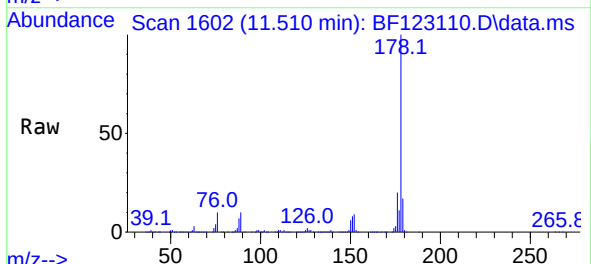
#71
Phenanthrene
Concen: 40.77 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



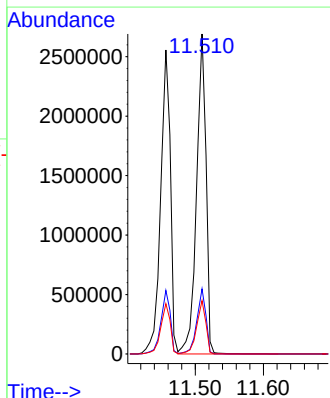
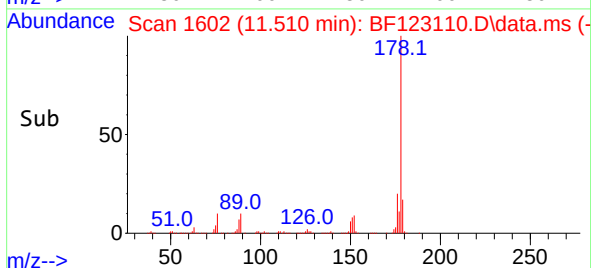
Tgt Ion:178 Resp: 2542078
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.2
179 16.5 12.7 19.1



#72
Anthracene
Concen: 43.29 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



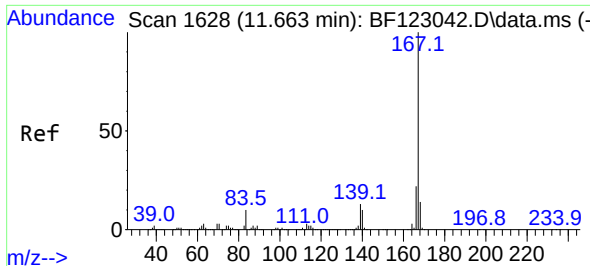
Tgt Ion:178 Resp: 2589079
Ion Ratio Lower Upper
178 100
176 20.4 15.6 23.4
179 16.7 12.8 19.2



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

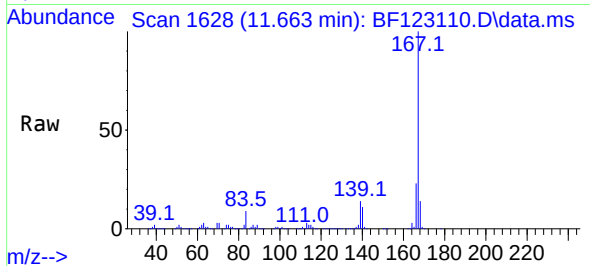
Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



#73
 Carbazole
 Concen: 41.95 ng
 RT: 11.663 min Scan# 1628
 Delta R.T. -0.000 min
 Lab File: BF123110.D
 Acq: 4 Feb 2021 12:22

Instrument :
 BNA_F
 ClientSampleId :
 PB134405BSD

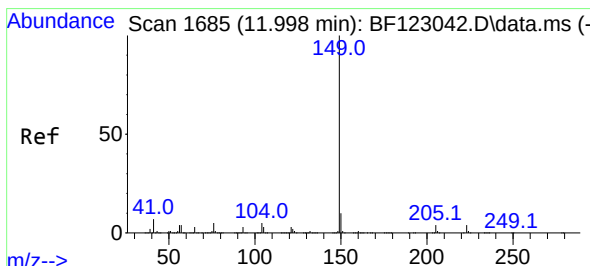
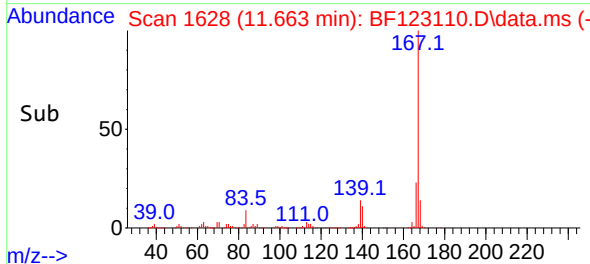
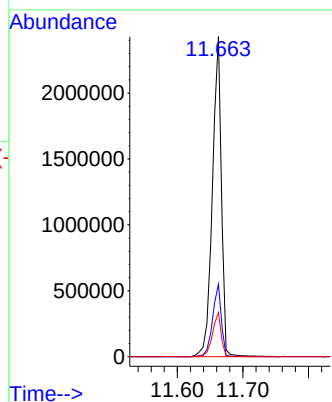


Tgt Ion:167 Resp: 2328750

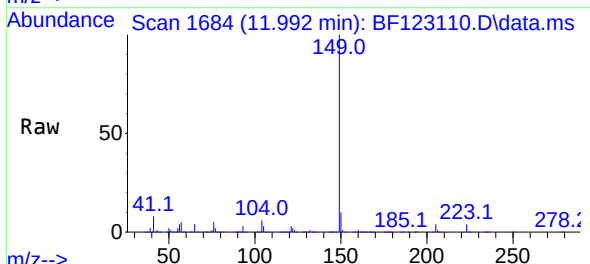
Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.0	27.0
139	13.8	10.9	16.3

Manual Integrations
 APPROVED

mohammad
 2/8/2021 12:16:10 PM

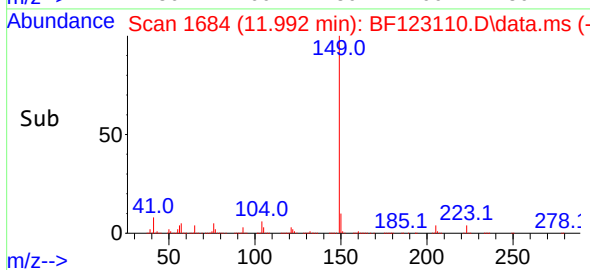
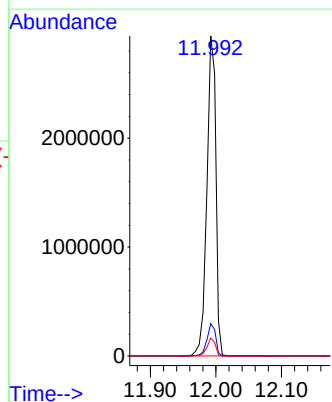


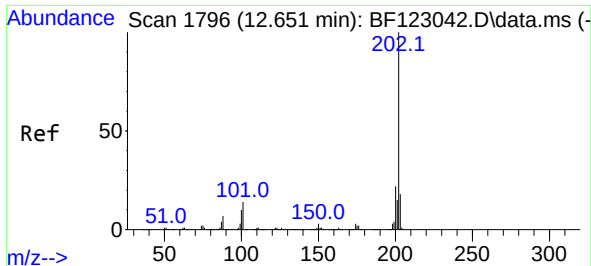
#74
 Di-n-butylphthalate
 Concen: 42.70 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF123110.D
 Acq: 4 Feb 2021 12:22



Tgt Ion:149 Resp: 2810672

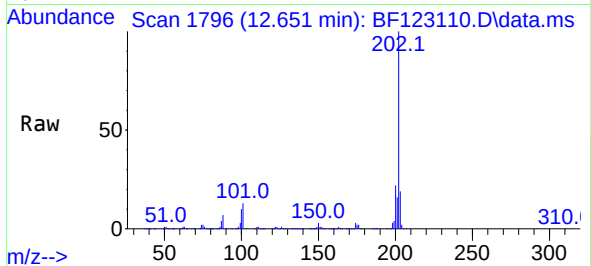
Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	5.6	4.2	6.4





#75
Fluoranthene
Concen: 42.29 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

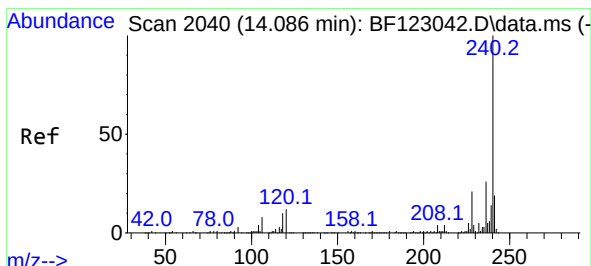
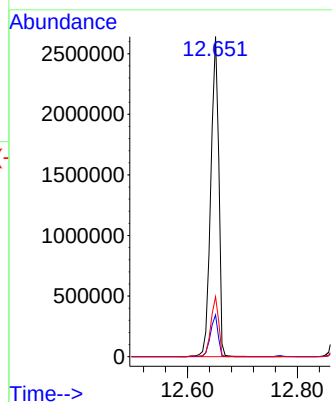


Tgt Ion:202 Resp: 2635099

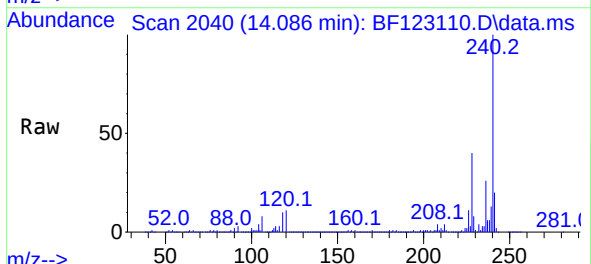
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.2
203	18.8	0.0	38.1

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM

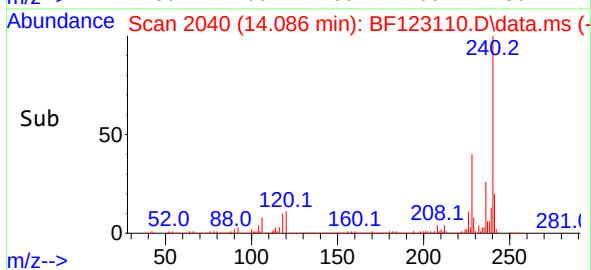
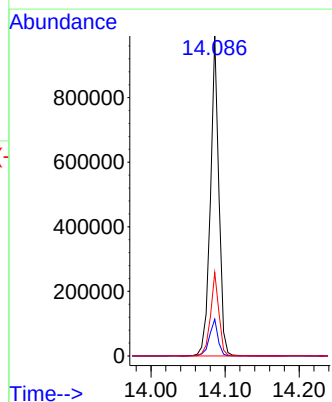


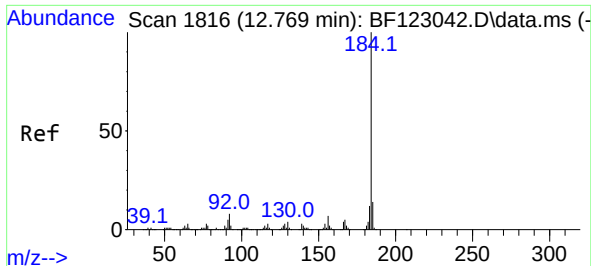
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



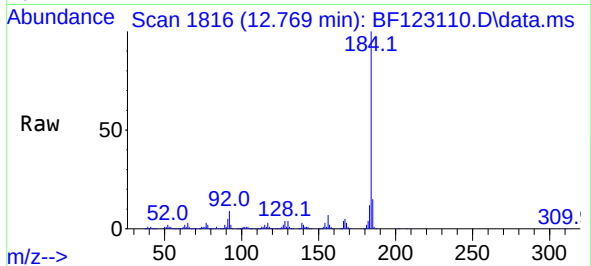
Tgt Ion:240 Resp: 786068

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.6	12.8
236	26.1	20.3	30.5



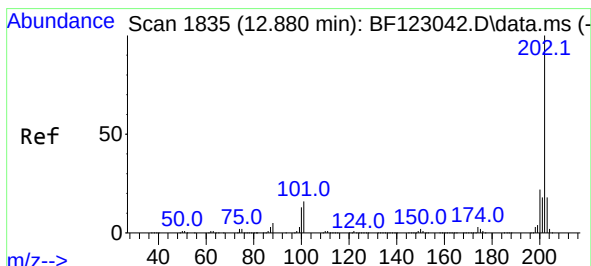
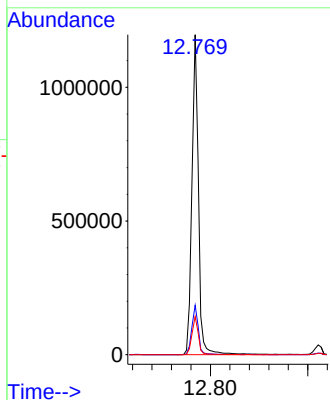
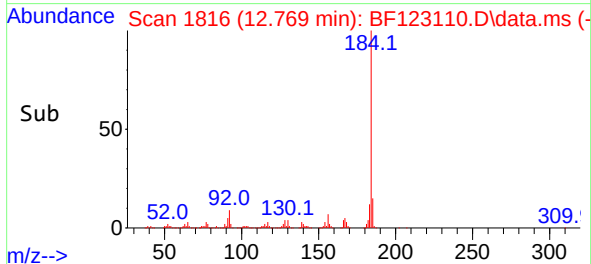


#77
Benzidine
Concen: 62.72 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

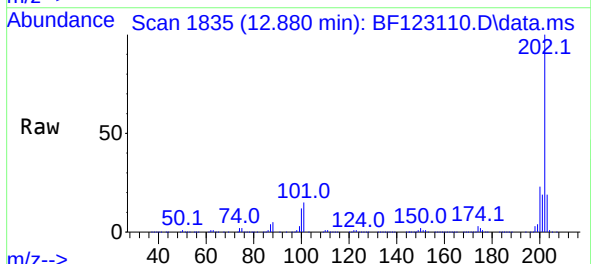


Tgt Ion:184 Resp: 1115661

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.6
183	11.9	9.7	14.5

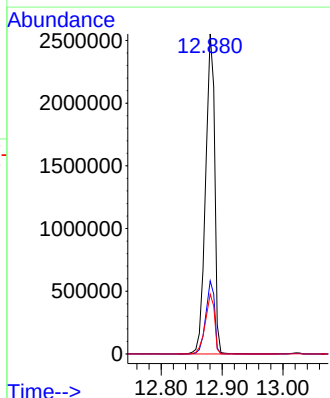
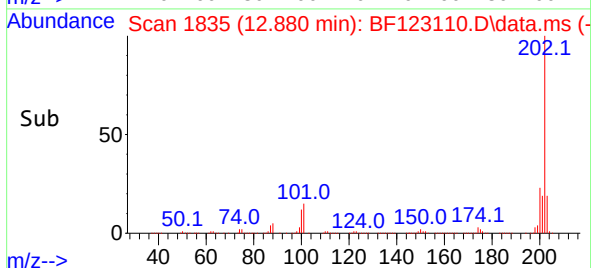


#78
Pyrene
Concen: 44.46 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:202 Resp: 2638080

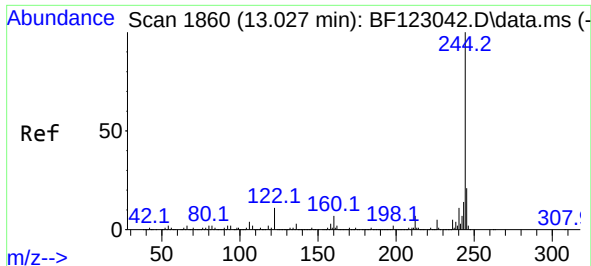
Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.6	26.4
203	18.7	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

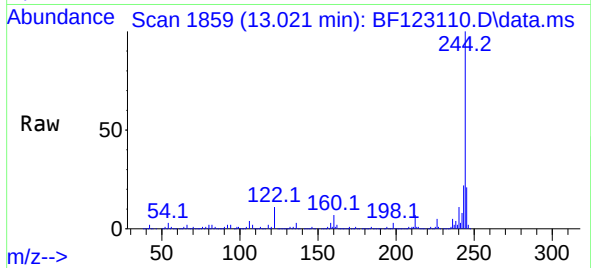
Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



#79
Terphenyl-d14
Concen: 65.81 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

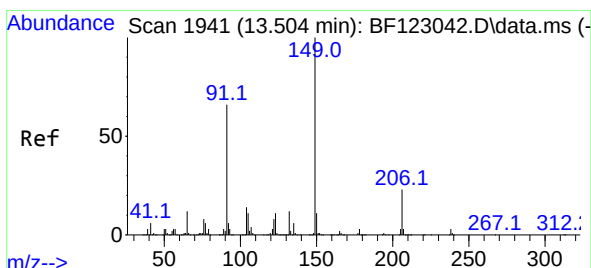
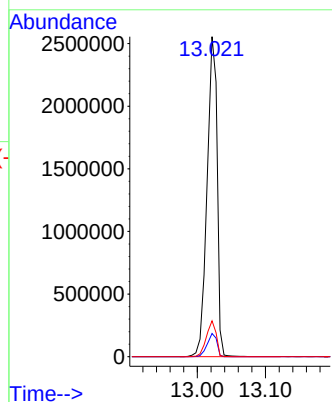
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



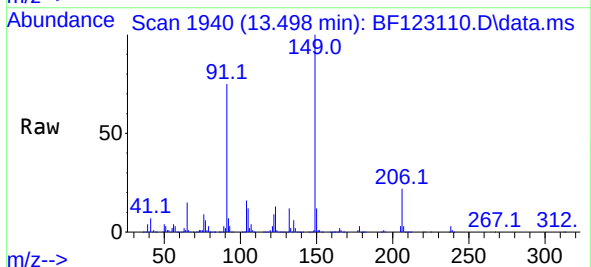
Tgt Ion:244 Resp: 2632920
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.2 8.3 12.5

Manual Integrations
APPROVED

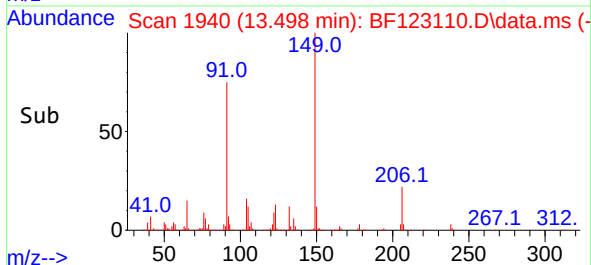
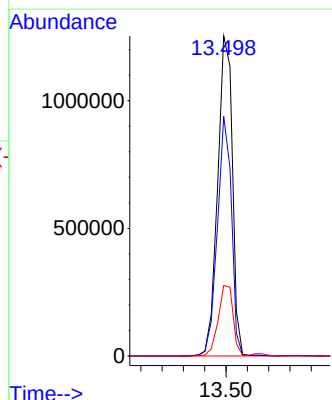
mohammad
2/8/2021 12:16:10 PM

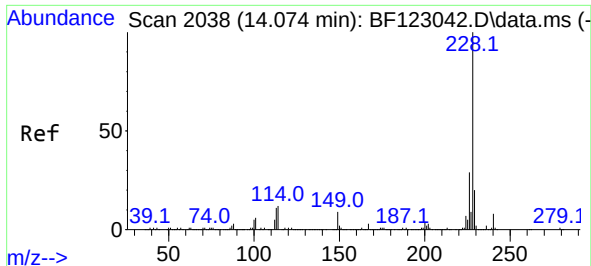


#80
Butylbenzylphthalate
Concen: 47.30 ng
RT: 13.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



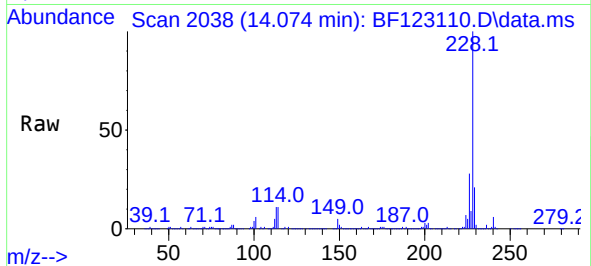
Tgt Ion:149 Resp: 1207786
Ion Ratio Lower Upper
149 100
91 74.8 56.5 84.7
206 22.0 17.0 25.6





#81
Benzo(a)anthracene
Concen: 44.09 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

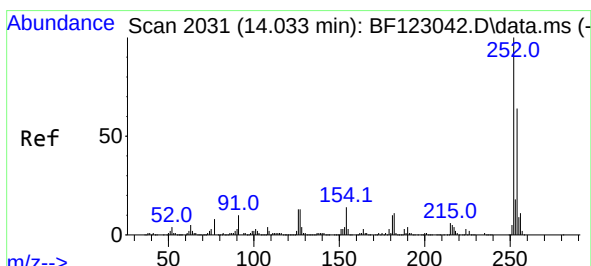
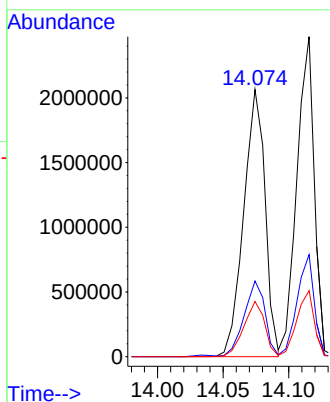
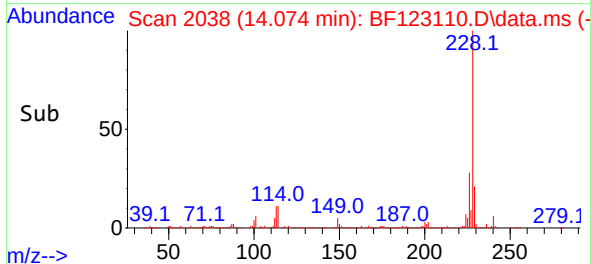
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



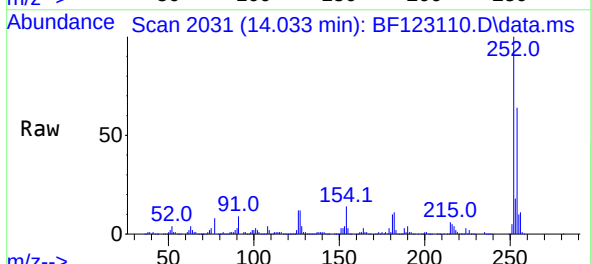
Tgt Ion:228 Resp: 2345806
Ion Ratio Lower Upper
228 100
226 28.3 23.0 34.4
229 20.6 16.6 24.8

Manual Integrations
APPROVED

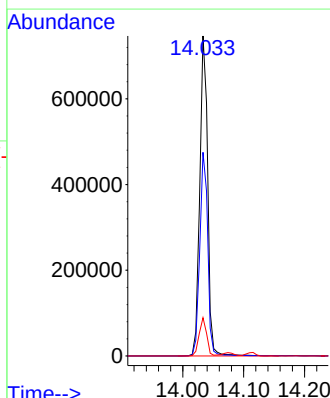
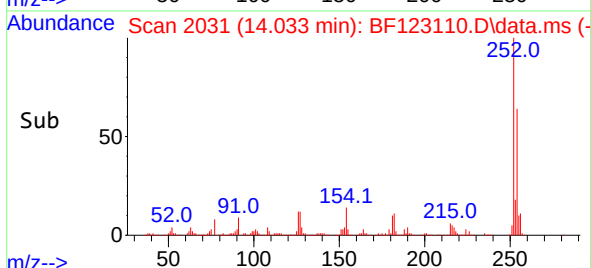
mohammad
2/8/2021 12:16:10 PM

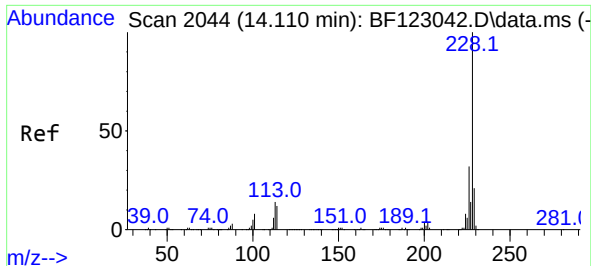


#82
3,3'-Dichlorobenzidine
Concen: 40.10 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:252 Resp: 671366
Ion Ratio Lower Upper
252 100
254 63.7 52.7 79.1
126 11.9 8.0 12.0





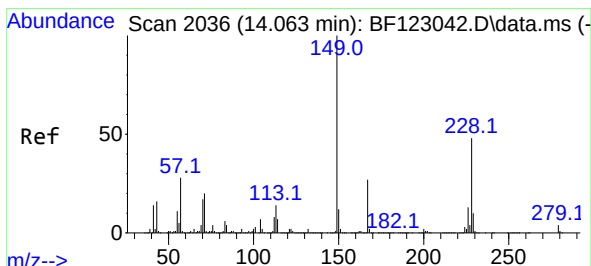
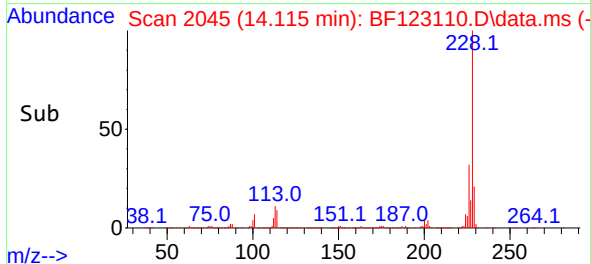
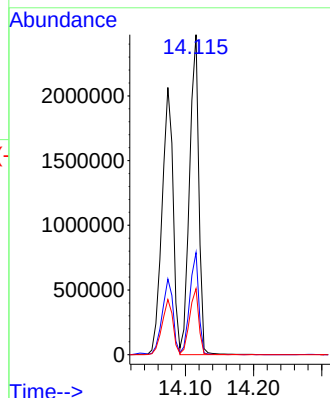
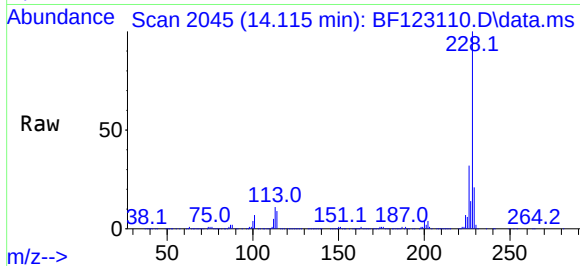
#83
Chrysene
Concen: 43.23 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Tgt Ion:228 Resp: 2301850
Ion Ratio Lower Upper
228 100
226 31.9 24.6 36.8
229 20.6 15.8 23.6

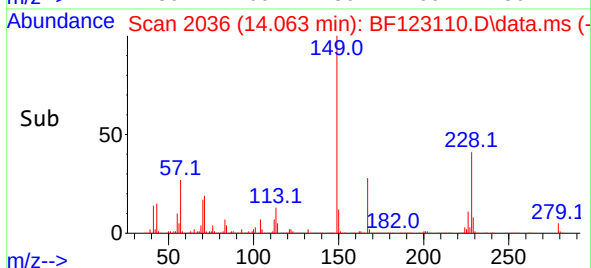
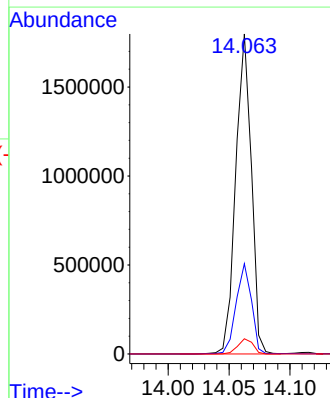
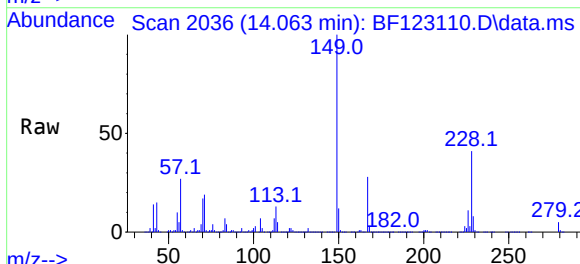
Manual Integrations
APPROVED

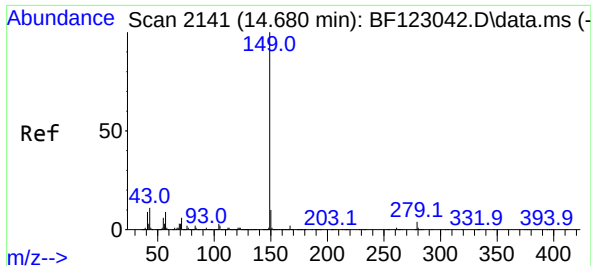
mohammad
2/8/2021 12:16:10 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.24 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

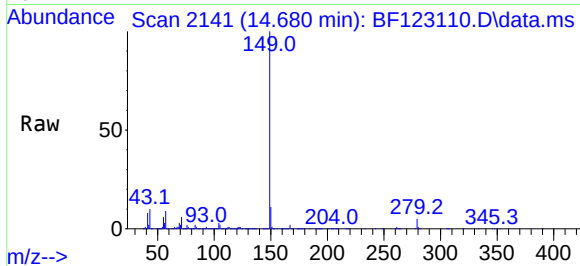
Tgt Ion:149 Resp: 1602837
Ion Ratio Lower Upper
149 100
167 28.2 21.4 32.2
279 4.7 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 49.13 ng
RT: 14.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

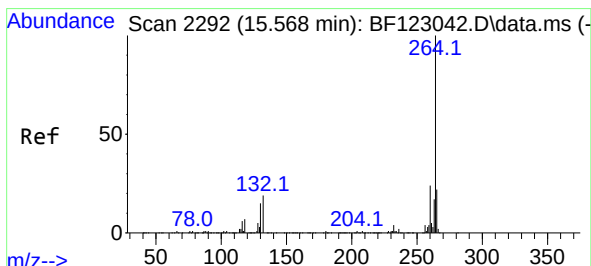
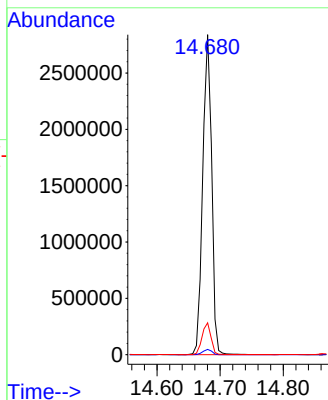
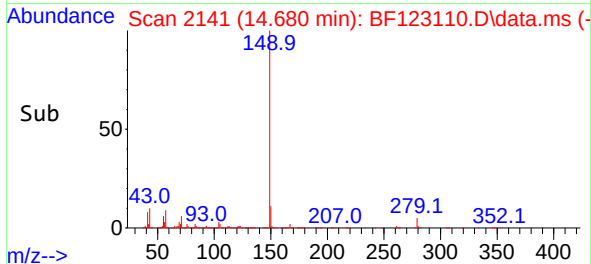
Instrument :
BNA_F
ClientSampleId :
PB134405BSD



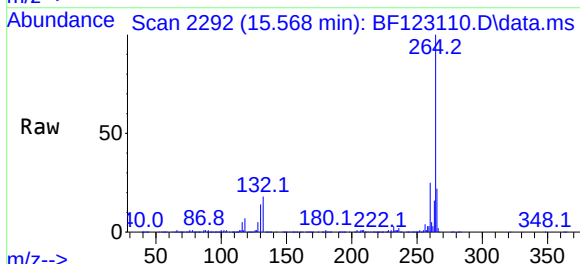
Tgt Ion:149 Resp: 2799492
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 7.6 11.4

Manual Integrations
APPROVED

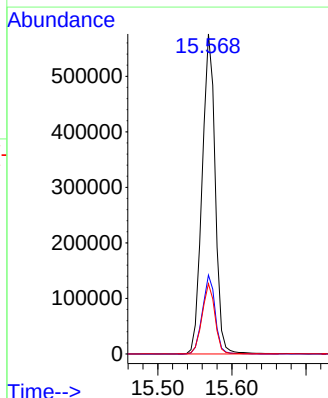
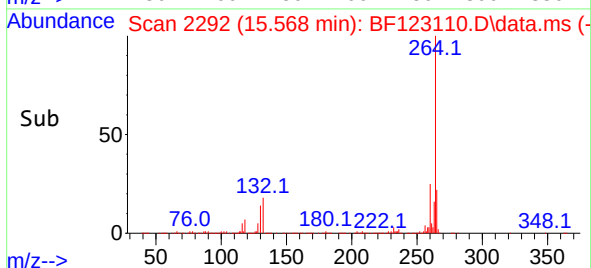
mohammad
2/8/2021 12:16:10 PM

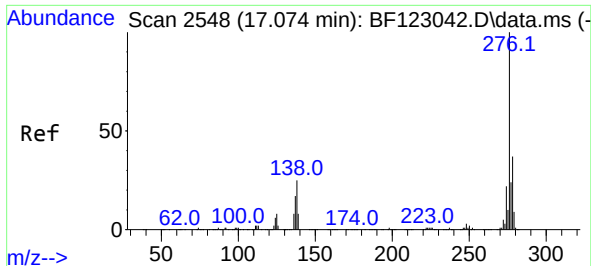


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22

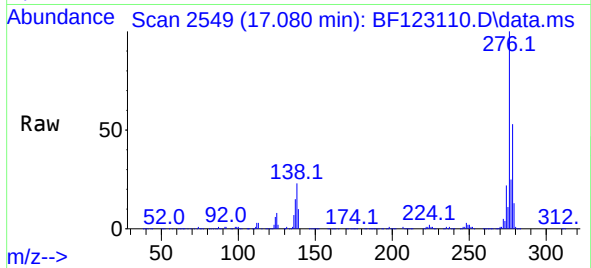


Tgt Ion:264 Resp: 706576
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 22.0 17.0 25.6

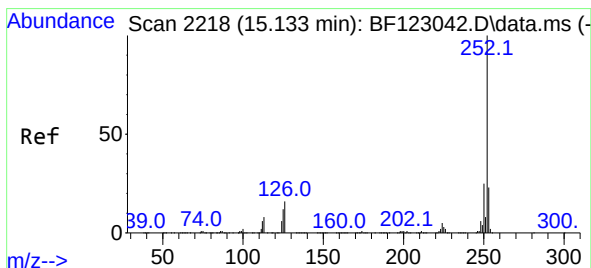
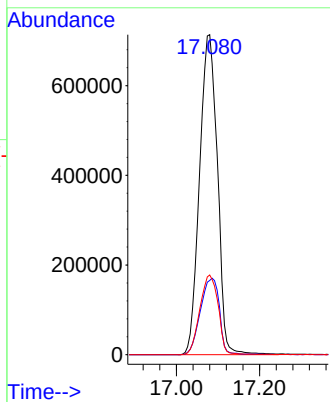
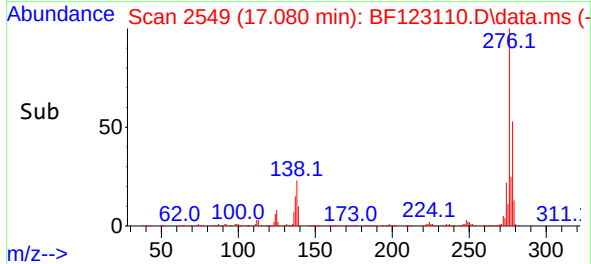




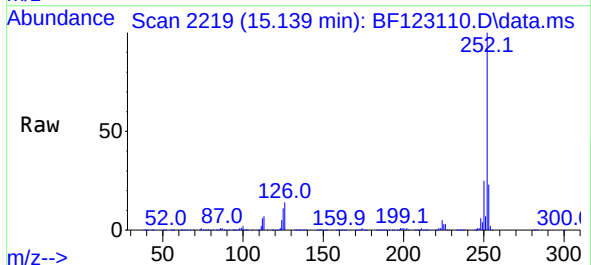
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.22 ng
RT: 17.080 min Scan# 2549
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



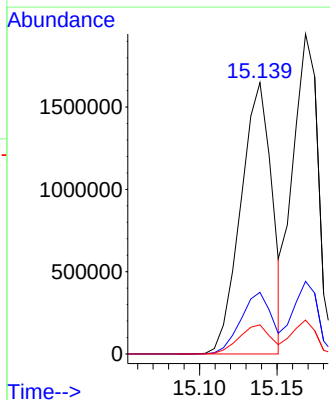
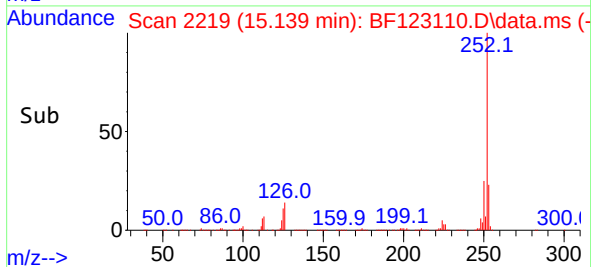
Tgt Ion:276 Resp: 2127880
Ion Ratio Lower Upper
276 100
138 25.3 18.7 28.1
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 45.41 ng
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



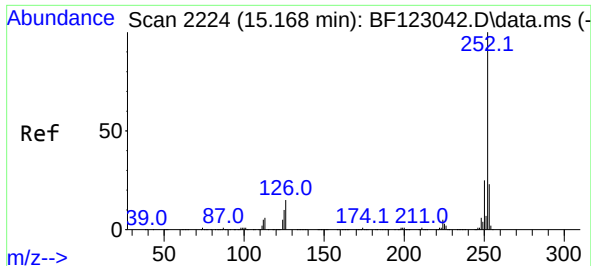
Tgt Ion:252 Resp: 2316055
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 10.8 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM



#89

Benzo(k)fluoranthene

Concen: 46.94 ng

RT: 15.168 min Scan# 2224

Delta R.T. -0.000 min

Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

Tgt Ion:252 Resp: 2224402

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 10.6 8.4 12.6

Instrument :

BNA_F

ClientSampleId :

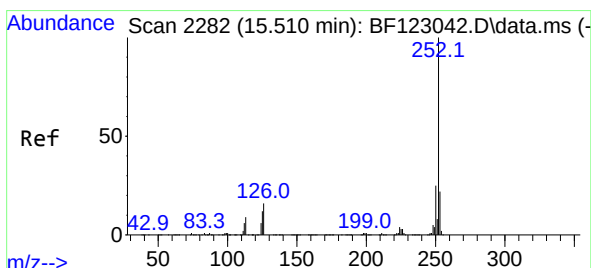
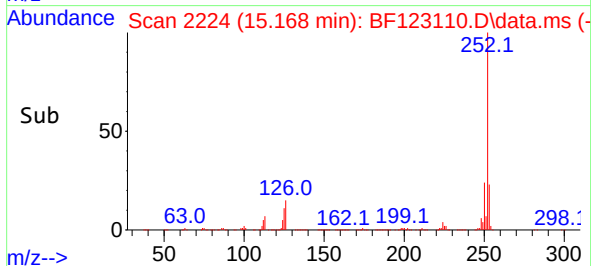
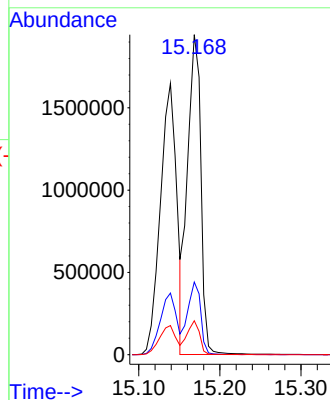
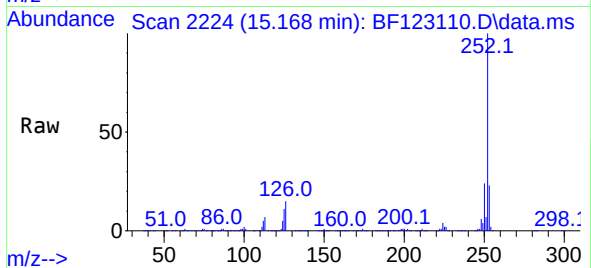
PB134405BSD

Manual Integrations

APPROVED

mohammad

2/8/2021 12:16:10 PM



#90

Benzo(a)pyrene

Concen: 45.16 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.000 min

Lab File: BF123110.D

Acq: 4 Feb 2021 12:22

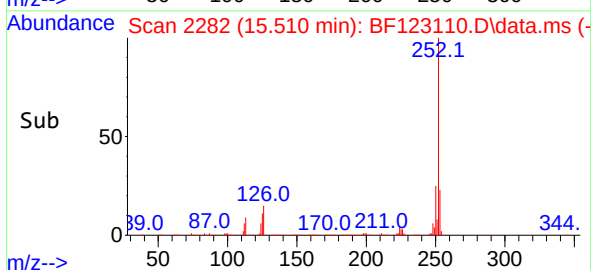
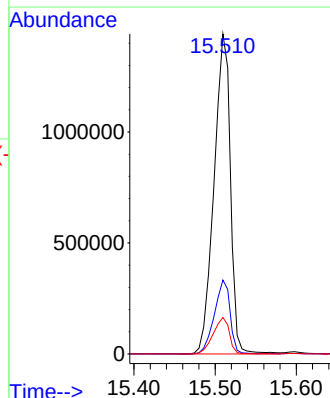
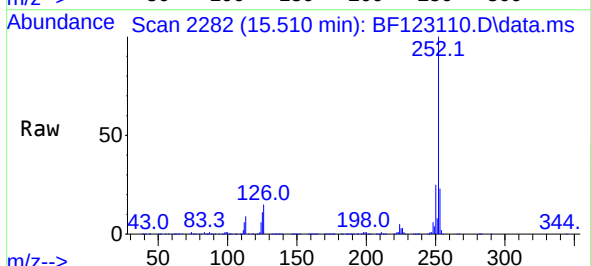
Tgt Ion:252 Resp: 2022594

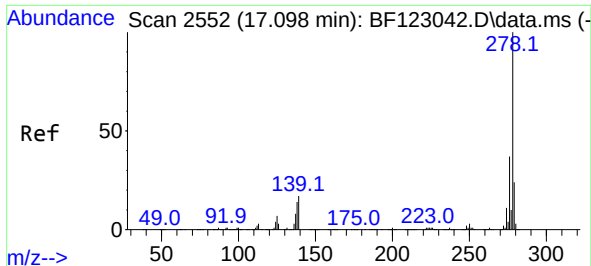
Ion Ratio Lower Upper

252 100

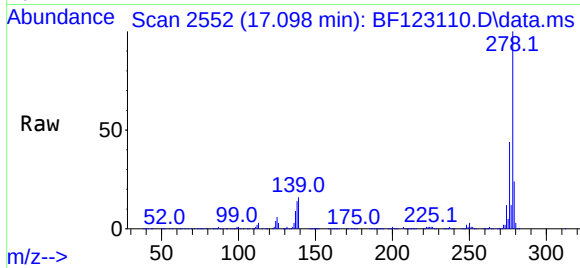
253 23.1 17.5 26.3

125 11.4 8.6 12.8

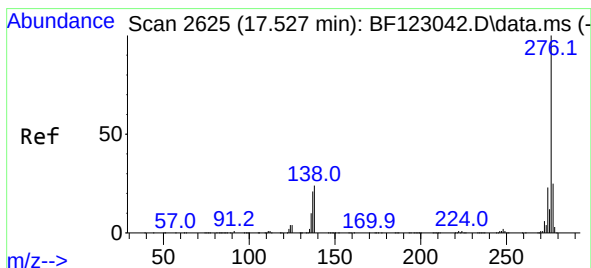
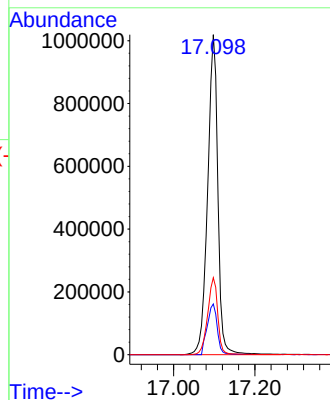
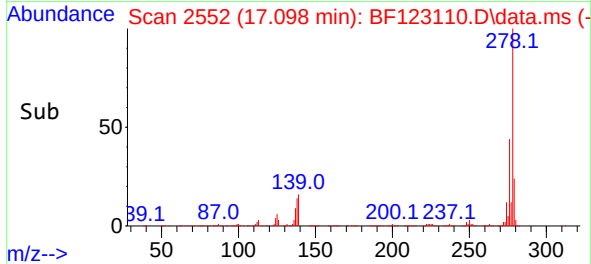




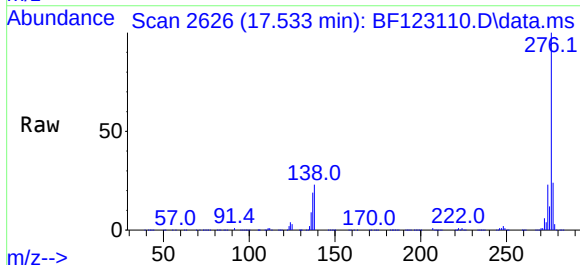
#91
Dibenzo(a,h)anthracene
Concen: 45.83 ng
RT: 17.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



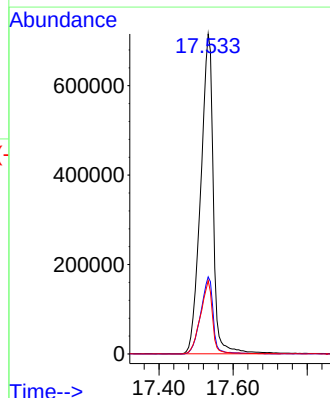
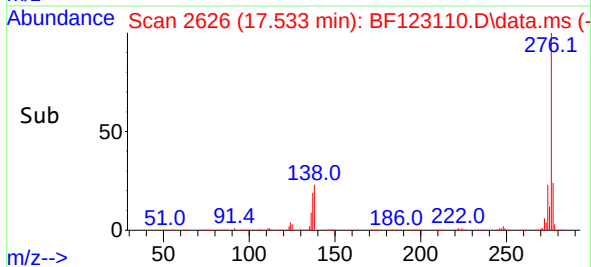
Tgt Ion:278 Resp: 1774739
Ion Ratio Lower Upper
278 100
139 15.8 12.0 18.0
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 44.93 ng
RT: 17.533 min Scan# 2626
Delta R.T. 0.006 min
Lab File: BF123110.D
Acq: 4 Feb 2021 12:22



Tgt Ion:276 Resp: 1686279
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 22.9 16.6 24.8



Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations
APPROVED

mohammad
2/8/2021 12:16:10 PM