

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123986.D
 Acq On : 19 May 2021 12:45
 Operator : JU/CG
 Sample : PB136517BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136517BS

Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:34:43 AM

Quant Time: May 19 13:58:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	62686	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	247283	20.00	ng	# 0.00
39) Acenaphthene-d10	9.951	164	136894	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	242218	20.00	ng	# 0.00
76) Chrysene-d12	14.080	240	156065	20.00	ng	0.01
86) Perylene-d12	15.568	264	116996	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	468683	104.98	ng	0.03
7) Phenol-d6	6.534	99	583314	100.71	ng	0.01
23) Nitrobenzene-d5	7.469	82	416395	72.55	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	179219	109.00	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	761290	68.43	ng	0.00
79) Terphenyl-d14	13.021	244	774046	75.12	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	75055	38.28	ng	98
3) Pyridine	3.540	79	154325	30.50	ng	96
4) n-Nitrosodimethylamine	3.504	42	121480	36.96	ng	# 80
6) Aniline	6.569	93	199646	30.36	ng	93
8) 2-Chlorophenol	6.692	128	177355	38.17	ng	97
9) Benzaldehyde	6.451	77	23854	9.52	ng	98
10) Phenol	6.545	94	241579	41.27	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	178640	39.27	ng	98
12) 1,3-Dichlorobenzene	6.851	146	202759m	37.46	ng	
13) 1,4-Dichlorobenzene	6.922	146	203408	36.73	ng	96
14) 1,2-Dichlorobenzene	7.075	146	196071	37.89	ng	95
15) Benzyl Alcohol	7.045	79	188517	37.69	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.181	45	348955	38.10	ng	97
17) 2-Methylphenol	7.157	107	150687	39.99	ng	96
18) Hexachloroethane	7.422	117	77339	37.68	ng	92
19) n-Nitroso-di-n-propyla...	7.322	70	150735	38.52	ng	98
20) 3+4-Methylphenols	7.310	107	187837	37.85	ng	96
22) Acetophenone	7.316	105	264481	37.67	ng	# 95
24) Nitrobenzene	7.487	77	212600	36.23	ng	96
25) Isophorone	7.728	82	393922	35.68	ng	95
26) 2-Nitrophenol	7.804	139	98639	44.68	ng	90
27) 2,4-Dimethylphenol	7.839	122	163634	38.71	ng	93
28) bis(2-Chloroethoxy)met...	7.939	93	218946	39.44	ng	98
29) 2,4-Dichlorophenol	8.045	162	154048	36.01	ng	94
30) 1,2,4-Trichlorobenzene	8.134	180	165400	34.38	ng	98
31) Naphthalene	8.216	128	515995	35.26	ng	99
32) Benzoic acid	7.969	122	80258	34.60	ng	88
33) 4-Chloroaniline	8.257	127	123091	22.09	ng	99
34) Hexachlorobutadiene	8.334	225	107364	34.09	ng	99
35) Caprolactam	8.634	113	48848m	41.93	ng	
36) 4-Chloro-3-methylphenol	8.739	107	172129	36.79	ng	89
37) 2-Methylnaphthalene	8.904	142	354733	35.76	ng	98
38) 1-Methylnaphthalene	9.004	142	327154	35.35	ng	94
40) 1,2,4,5-Tetrachloroben...	9.069	216	180529	36.56	ng	98
41) Hexachlorocyclopentadiene	9.063	237	214005	68.15	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	111489	34.80	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123986.D
 Acq On : 19 May 2021 12:45
 Operator : JU/CG
 Sample : PB136517BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136517BS

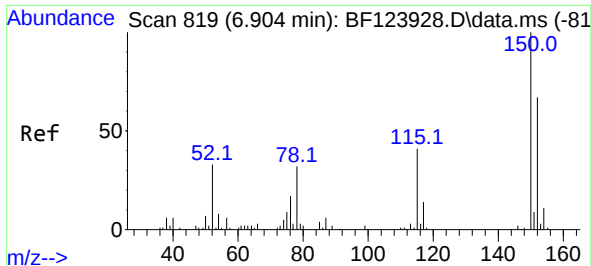
Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:34:43 AM

Quant Time: May 19 13:58:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	122848	36.91	ng	92
46) 1,1'-Biphenyl	9.369	154	439295	36.43	ng	95
47) 2-Chloronaphthalene	9.398	162	341585	35.67	ng	94
48) 2-Nitroaniline	9.486	65	133726	41.35	ng	94
49) Acenaphthylene	9.810	152	532790	37.65	ng	97
50) Dimethylphthalate	9.675	163	404474	37.00	ng	99
51) 2,6-Dinitrotoluene	9.728	165	92587	41.88	ng	95
52) Acenaphthene	9.986	154	398980	41.19	ng	95
53) 3-Nitroaniline	9.898	138	65616	29.87	ng	92
54) 2,4-Dinitrophenol	10.010	184	92072	77.71	ng	# 83
55) Dibenzofuran	10.157	168	488935	35.15	ng	99
56) 4-Nitrophenol	10.063	139	144879	79.73	ng	95
57) 2,4-Dinitrotoluene	10.133	165	121525	44.82	ng	# 92
58) Fluorene	10.498	166	383933	36.62	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.269	232	105013	38.37	ng	91
60) Diethylphthalate	10.369	149	408471	37.73	ng	95
61) 4-Chlorophenyl-phenyle...	10.486	204	194395	37.00	ng	100
62) 4-Nitroaniline	10.516	138	84125	38.50	ng	90
63) Azobenzene	10.651	77	425661	35.35	ng	93
65) 4,6-Dinitro-2-methylph...	10.545	198	58515	38.69	ng	# 75
66) n-Nitrosodiphenylamine	10.610	169	339579	36.69	ng	98
67) 4-Bromophenyl-phenylether	10.980	248	111381	34.99	ng	92
68) Hexachlorobenzene	11.045	284	129909	36.56	ng	95
69) Atrazine	11.133	200	109749	41.99	ng	91
70) Pentachlorophenol	11.239	266	142646	67.71	ng	97
71) Phenanthrene	11.463	178	548465	35.73	ng	100
72) Anthracene	11.516	178	567301	36.47	ng	99
73) Carbazole	11.663	167	470913	34.60	ng	96
74) Di-n-butylphthalate	11.998	149	627292	36.83	ng	98
75) Fluoranthene	12.651	202	548670	34.52	ng	98
77) Benzidine	12.763	184	132694m	35.24	ng	
78) Pyrene	12.880	202	535220	38.63	ng	98
80) Butylbenzylphthalate	13.498	149	220150	40.52	ng	92
81) Benzo(a)anthracene	14.068	228	405061	35.89	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	114644	32.70	ng	97
83) Chrysene	14.104	228	389209	35.85	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	288688	37.65	ng	98
85) Di-n-octyl phthalate	14.674	149	431891	37.26	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	367287	40.65	ng	# 95
88) Benzo(b)fluoranthene	15.133	252	361294	39.92	ng	98
89) Benzo(k)fluoranthene	15.163	252	337154m	40.88	ng	
90) Benzo(a)pyrene	15.510	252	300845	38.45	ng	# 96
91) Dibenzo(a,h)anthracene	17.109	278	307680	40.43	ng	96
92) Benzo(g,h,i)perylene	17.551	276	303047	39.71	ng	98

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



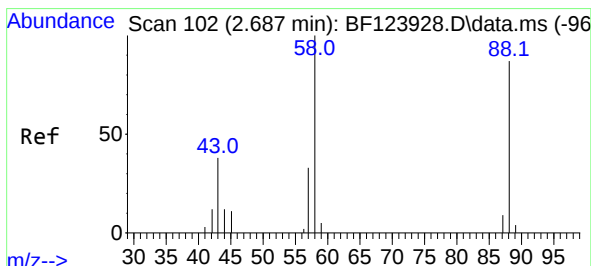
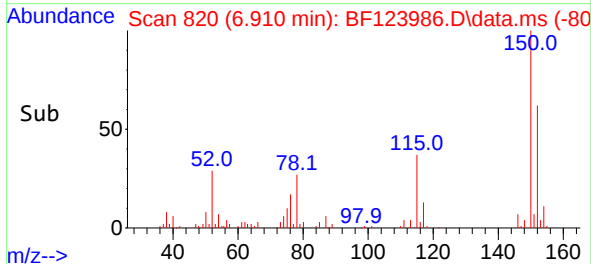
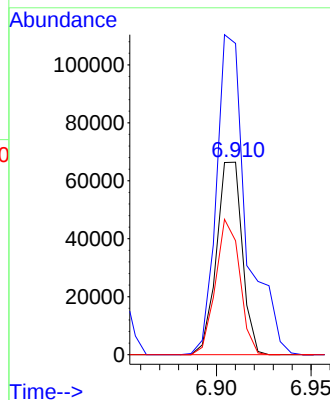
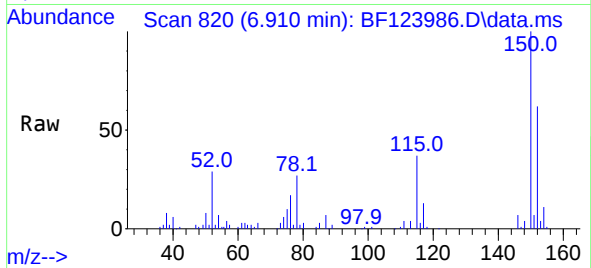
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 152 Resp: 62686
Ion Ratio Lower Upper
152 100
150 161.6 127.0 190.6
115 59.2 54.3 81.5

Instrument :
BNA_F
ClientSampled :
PB136517BS

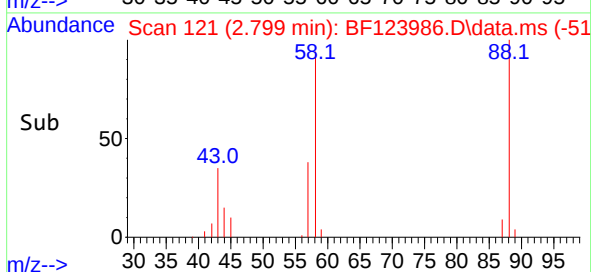
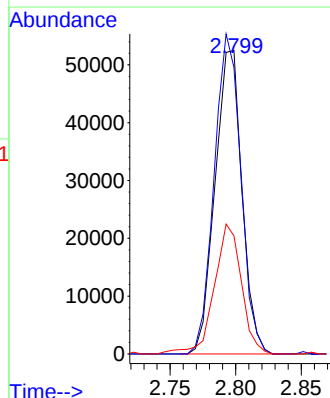
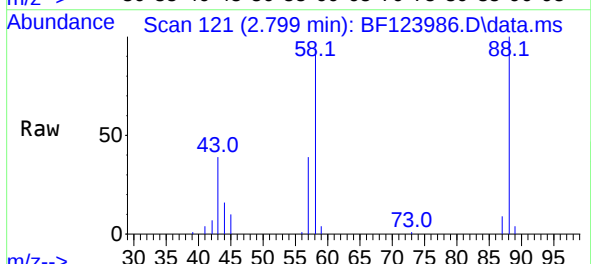
Manual Integrations
APPROVED

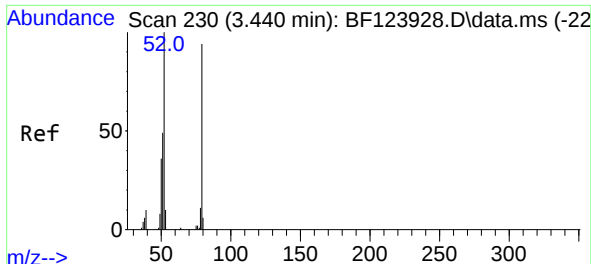
mohammad
5/20/2021 11:34:43 AM



#2
1,4-Dioxane
Concen: 38.28 ng
RT: 2.799 min Scan# 121
Delta R.T. 0.112 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 88 Resp: 75055
Ion Ratio Lower Upper
88 100
58 104.2 83.8 125.8
43 43.0 32.2 48.4





#3
Pyridine
Concen: 30.50 ng
RT: 3.540 min Scan# 247
Delta R.T. 0.100 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

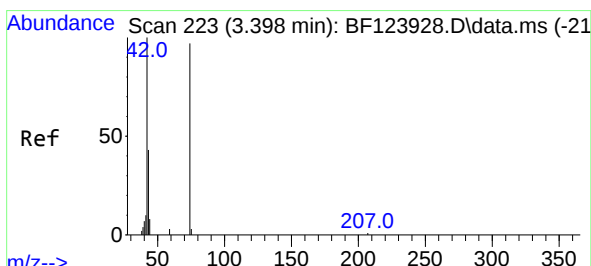
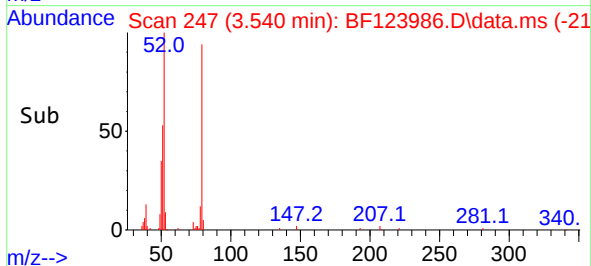
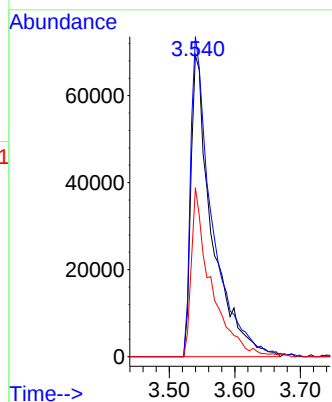
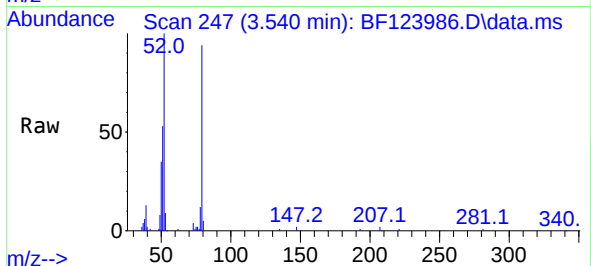
Tgt Ion: 79 Resp: 154325

Ion	Ratio	Lower	Upper
79	100		
52	106.2	87.4	131.0
51	56.1	41.4	62.0

Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations
APPROVED

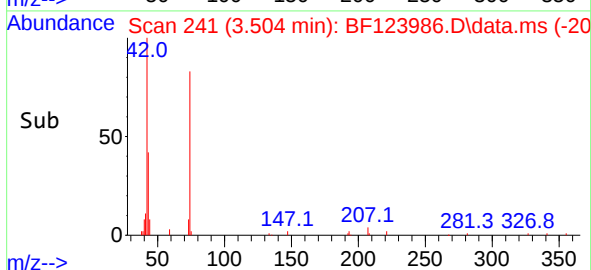
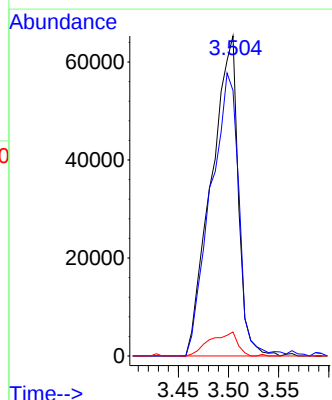
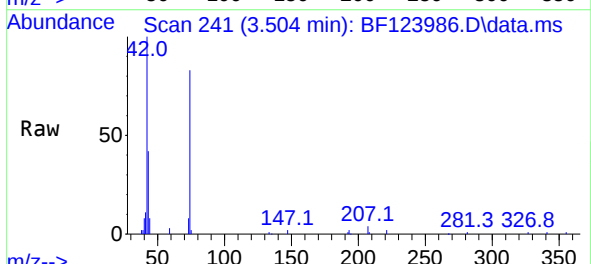
mohammad
5/20/2021 11:34:43 AM

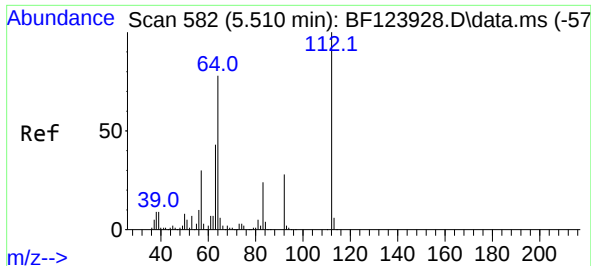


#4
n-Nitrosodimethylamine
Concen: 36.96 ng
RT: 3.504 min Scan# 241
Delta R.T. 0.106 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 42 Resp: 121480

Ion	Ratio	Lower	Upper
42	100		
74	83.0	83.5	125.3#
44	7.5	5.7	8.5





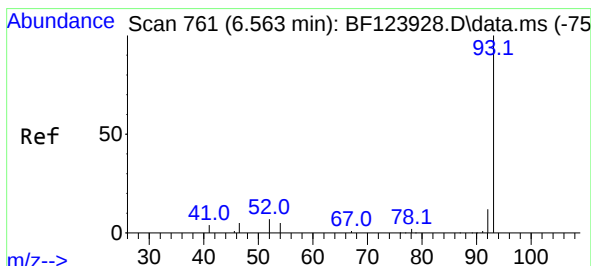
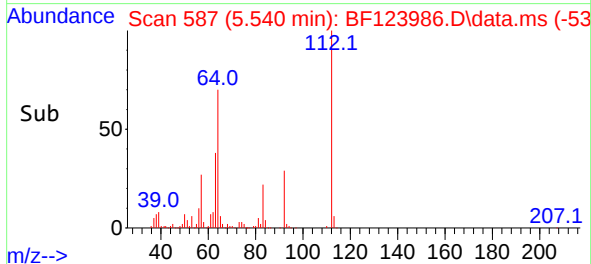
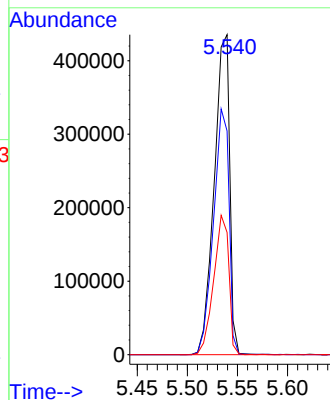
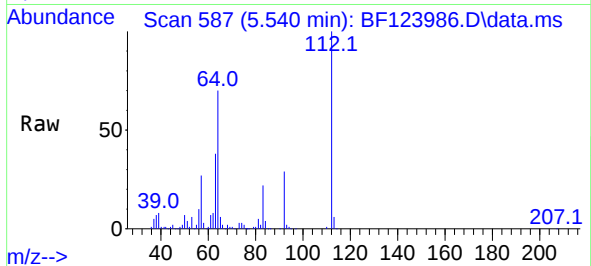
#5
2-Fluorophenol
Concen: 104.98 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.029 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:112 Resp: 468683
Ion Ratio Lower Upper
112 100
64 69.9 61.4 92.0
63 38.2 33.0 49.4

Instrument :
BNA_F
ClientSampled :
PB136517BS

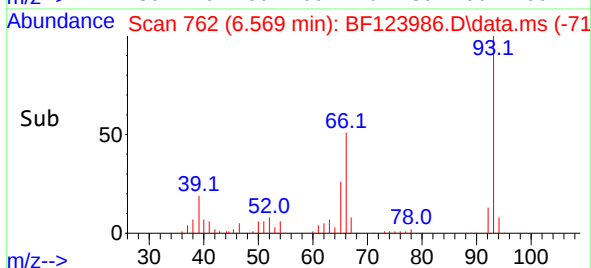
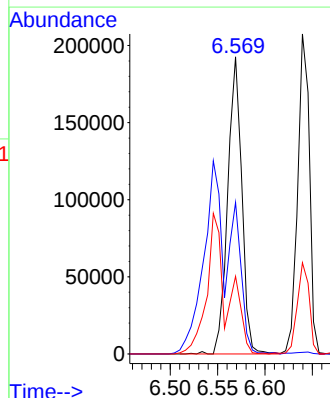
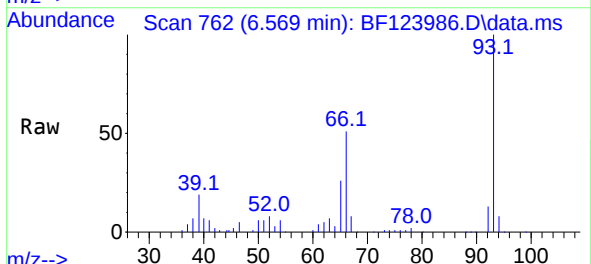
Manual Integrations
APPROVED

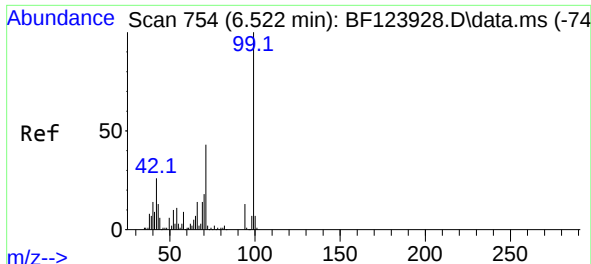
mohammad
5/20/2021 11:34:43 AM



#6
Aniline
Concen: 30.36 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 93 Resp: 199646
Ion Ratio Lower Upper
93 100
66 51.0 36.4 54.6
65 26.1 19.4 29.0





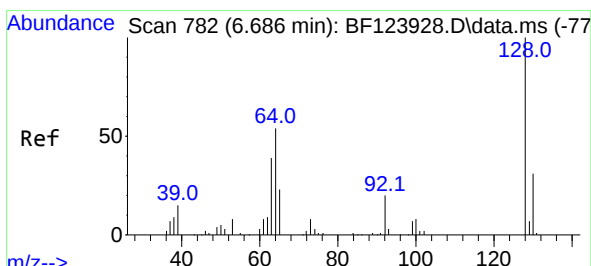
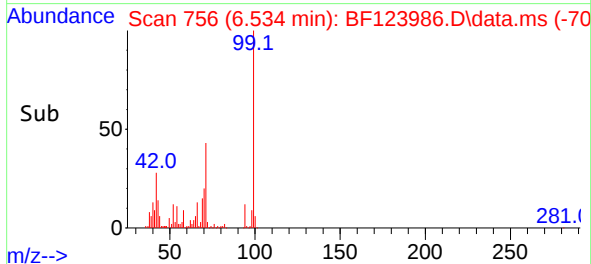
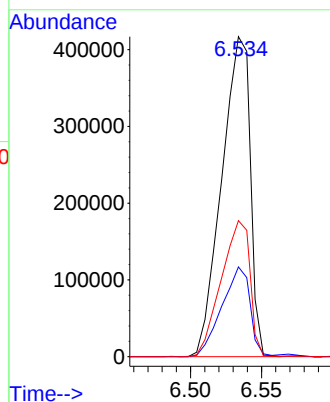
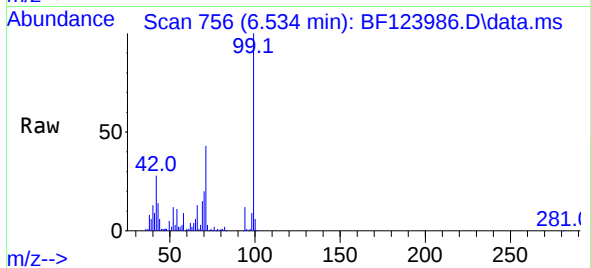
#7
Phenol-d6
Concen: 100.71 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 99 Resp: 583314
Ion Ratio Lower Upper
99 100
42 28.0 19.8 29.8
71 42.5 31.1 46.7

Instrument :
BNA_F
ClientSampleId :
PB136517BS

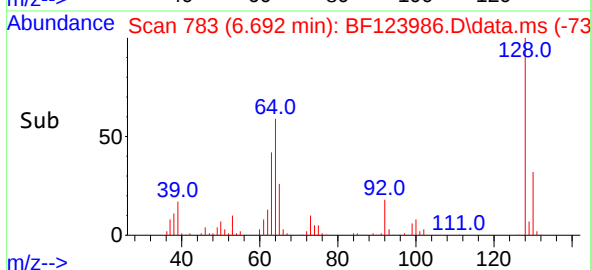
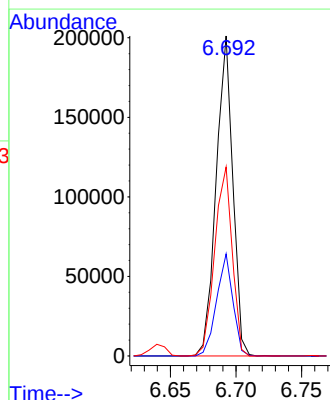
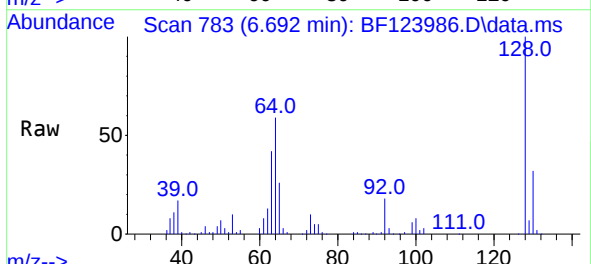
Manual Integrations
APPROVED

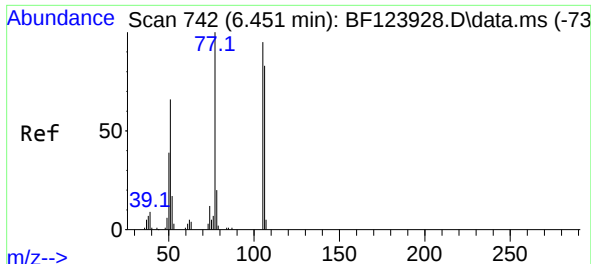
mohammad
5/20/2021 11:34:43 AM



#8
2-Chlorophenol
Concen: 38.17 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:128 Resp: 177355
Ion Ratio Lower Upper
128 100
130 31.9 12.6 52.6
64 59.0 41.5 81.5





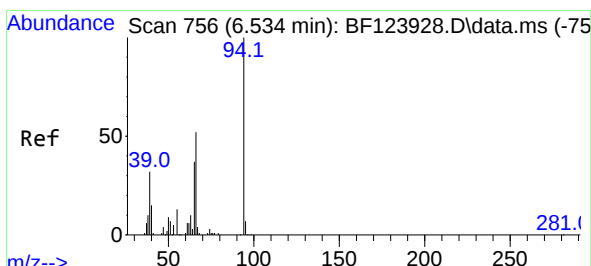
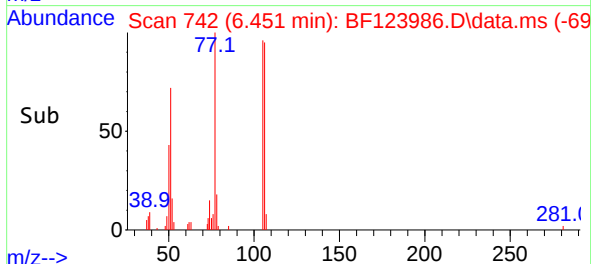
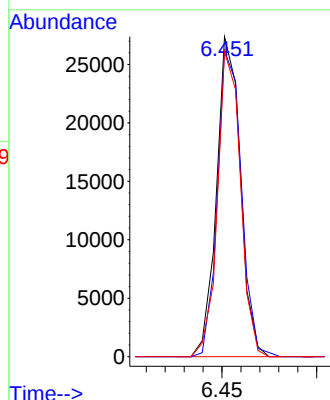
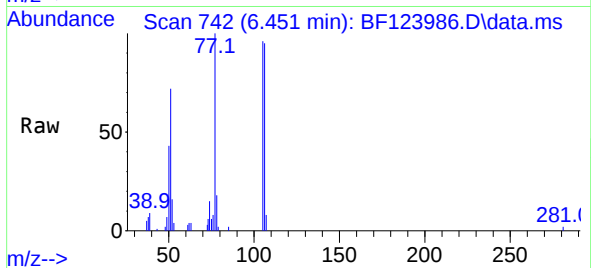
#9
Benzaldehyde
Concen: 9.52 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 77	Resp: 23854
Ion Ratio	Lower Upper
77 100	
105 95.6	75.2 115.2
106 95.4	71.6 111.6

Instrument :
BNA_F
ClientSampleId :
PB136517BS

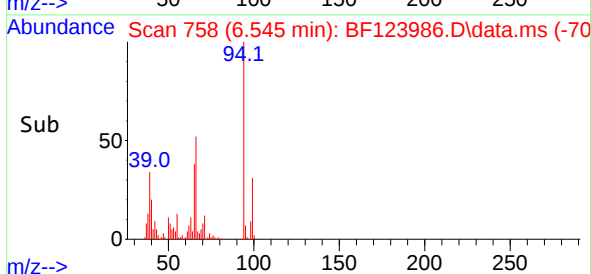
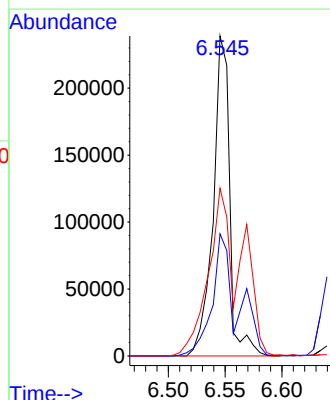
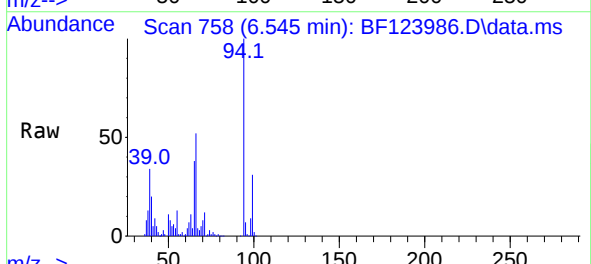
Manual Integrations
APPROVED

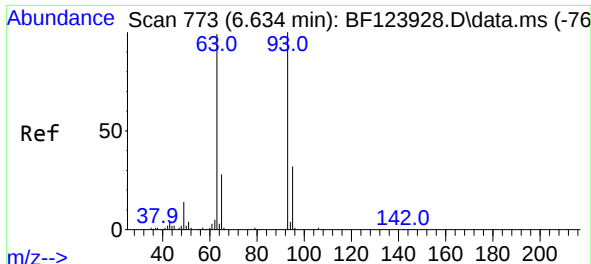
mohammad
5/20/2021 11:34:43 AM



#10
Phenol
Concen: 41.27 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 94	Resp: 241579
Ion Ratio	Lower Upper
94 100	
65 38.2	18.1 58.1
66 52.4	29.0 69.0





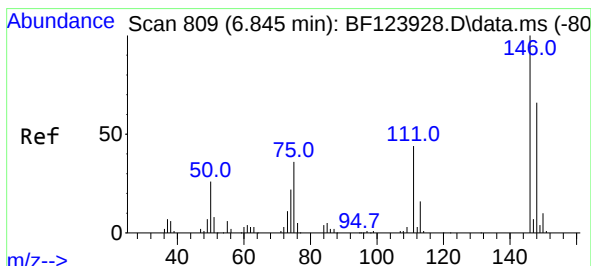
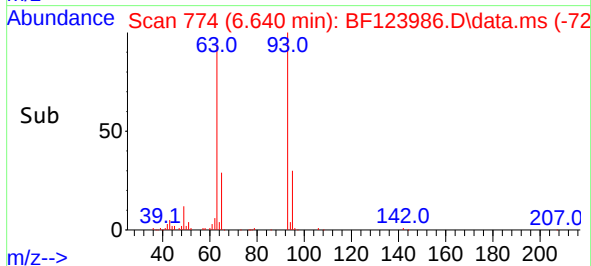
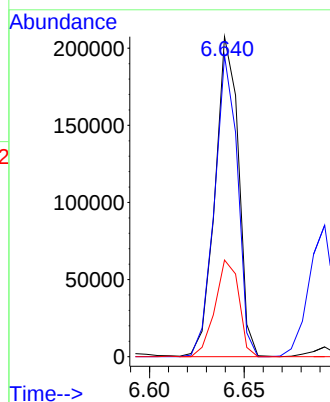
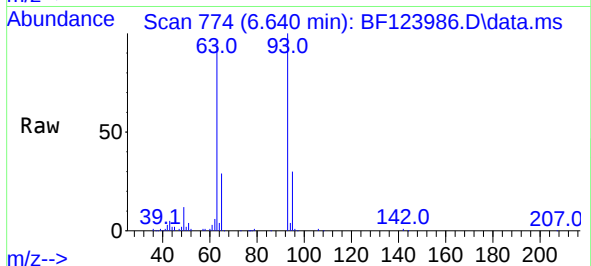
#11
bis(2-Chloroethyl)ether
Concen: 39.27 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 93 Resp: 178640
Ion Ratio Lower Upper
93 100
63 94.1 76.1 116.1
95 30.2 11.5 51.5

Instrument :
BNA_F
ClientSampleId :
PB136517BS

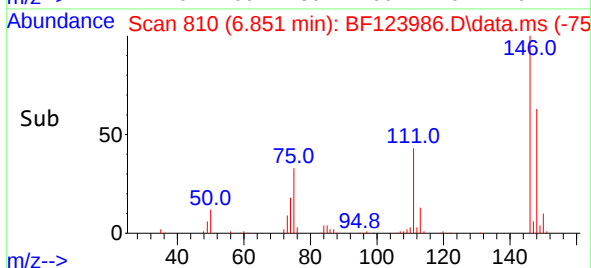
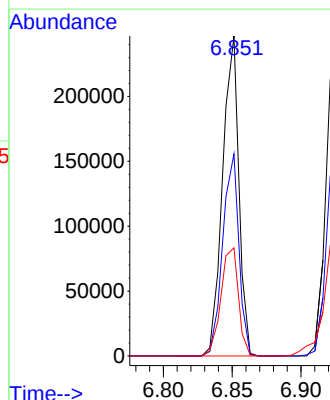
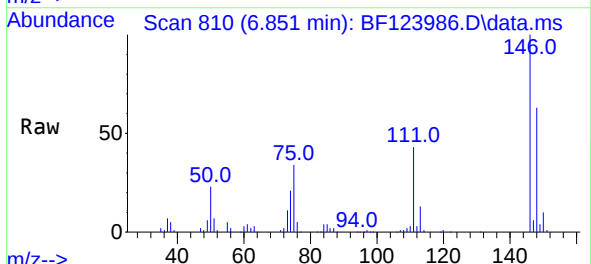
Manual Integrations
APPROVED

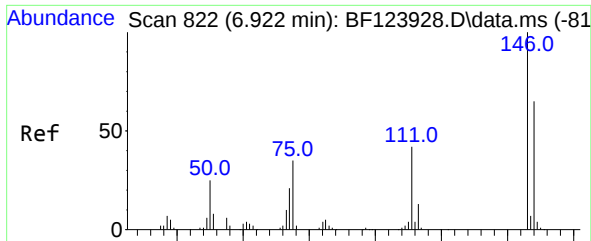
mohammad
5/20/2021 11:34:43 AM



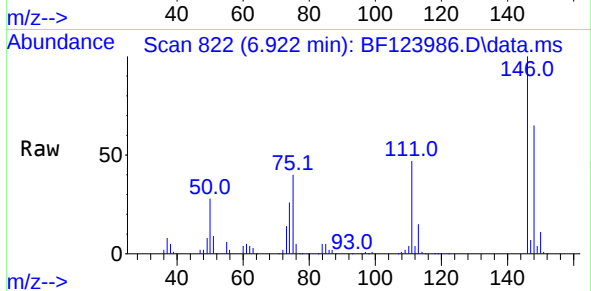
#12
1,3-Dichlorobenzene
Concen: 37.46 ng m
RT: 6.851 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:146 Resp: 202759
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 33.8 34.2 51.4#

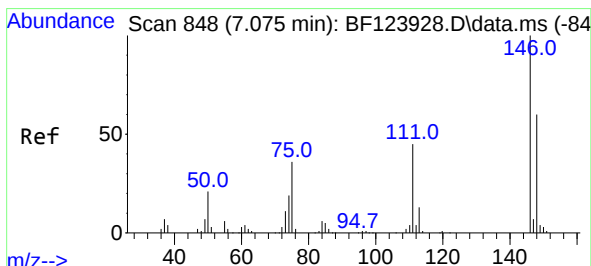
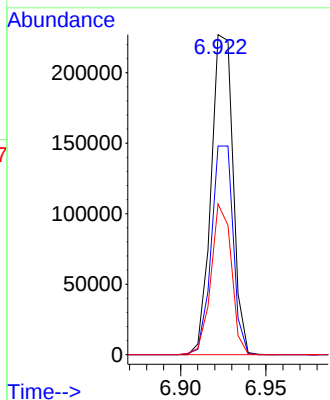
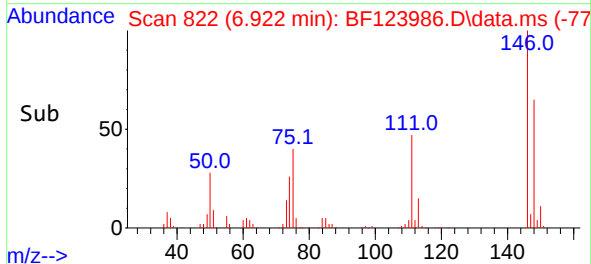




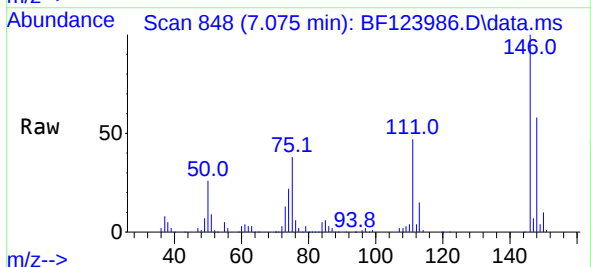
#13
1,4-Dichlorobenzene
Concen: 36.73 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



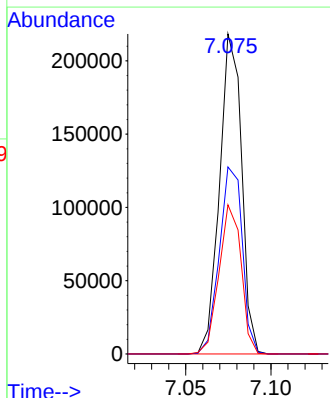
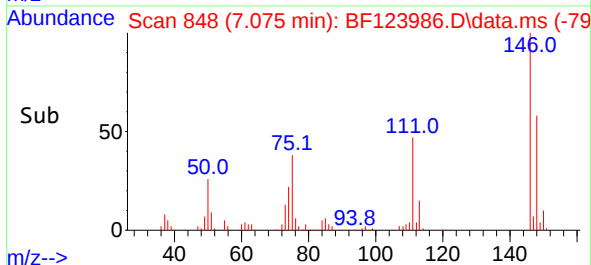
Tgt Ion:146 Resp: 203408
Ion Ratio Lower Upper
146 100
148 65.2 49.9 74.9
111 47.1 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 37.89 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



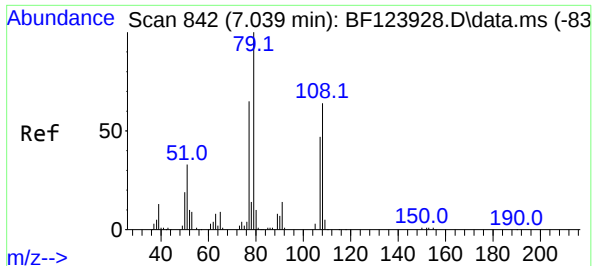
Tgt Ion:146 Resp: 196071
Ion Ratio Lower Upper
146 100
148 58.5 51.6 77.4
111 46.6 38.4 57.6



Instrument :
BNA_F
ClientSampled :
PB136517BS

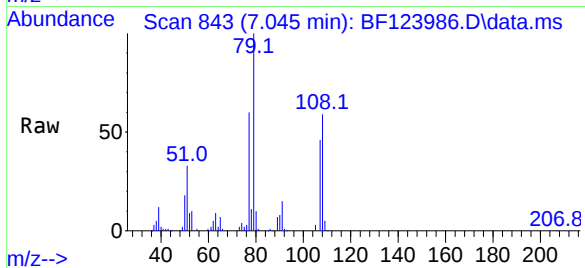
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



#15
Benzyl Alcohol
Concen: 37.69 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

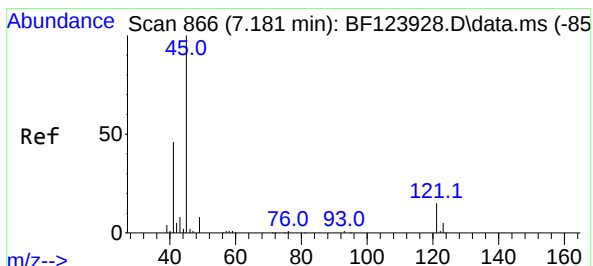
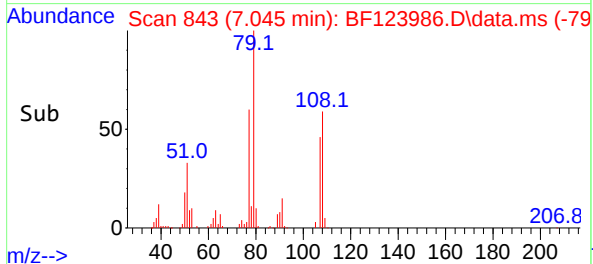
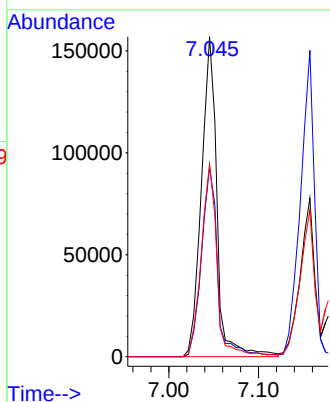
Instrument :
BNA_F
ClientSampled :
PB136517BS



Tgt Ion: 79 Resp: 188517
Ion Ratio Lower Upper
79 100
108 59.3 55.8 83.8
77 60.2 49.9 74.9

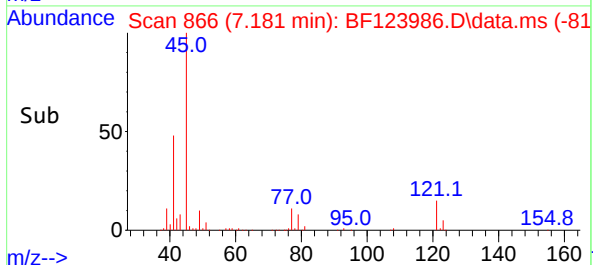
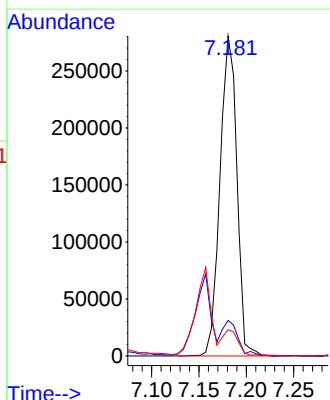
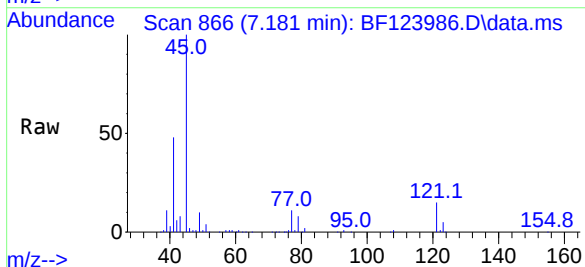
Manual Integrations
APPROVED

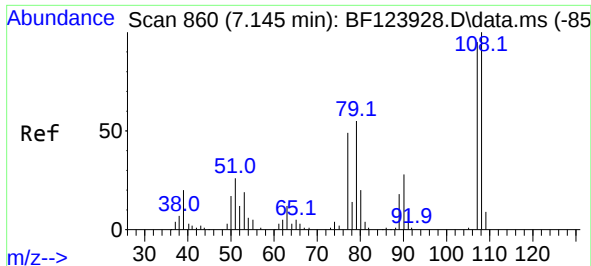
mohammad
5/20/2021 11:34:43 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.10 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 45 Resp: 348955
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.0
79 8.2 0.0 27.3





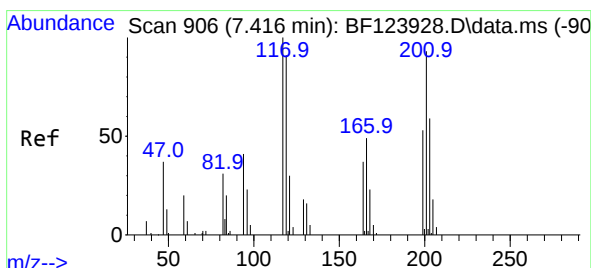
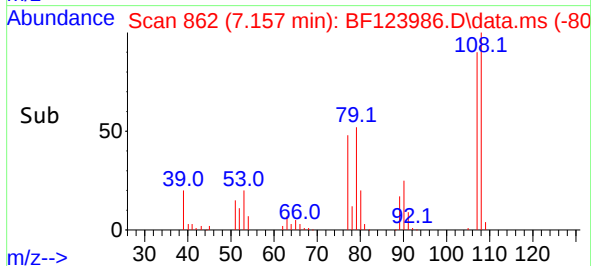
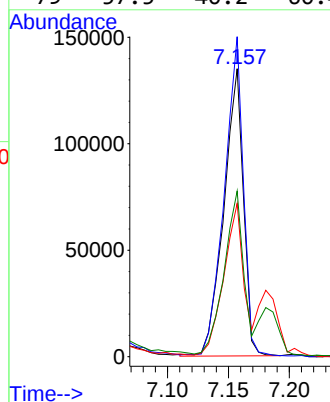
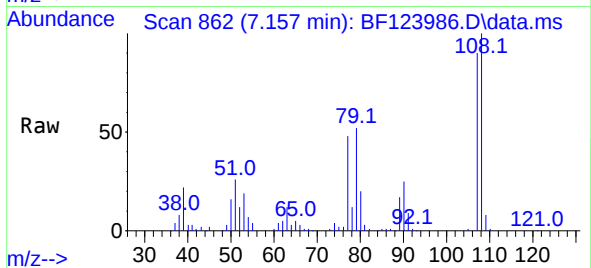
#17
2-Methylphenol
Concen: 39.99 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:	107	Resp:	150687
Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.8	134.8
77	53.2	40.9	61.3
79	57.5	40.2	60.4

Instrument :
BNA_F
ClientSampled :
PB136517BS

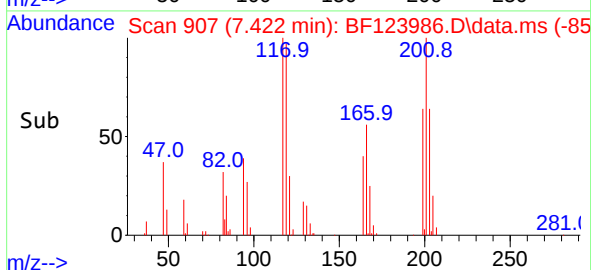
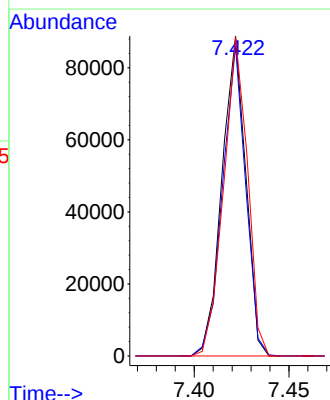
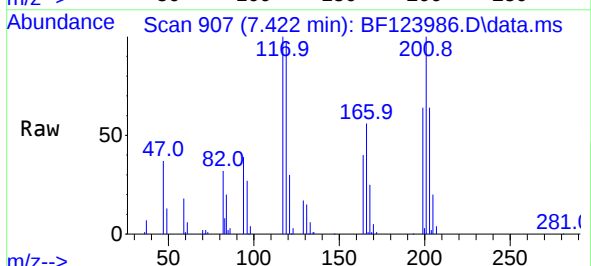
Manual Integrations
APPROVED

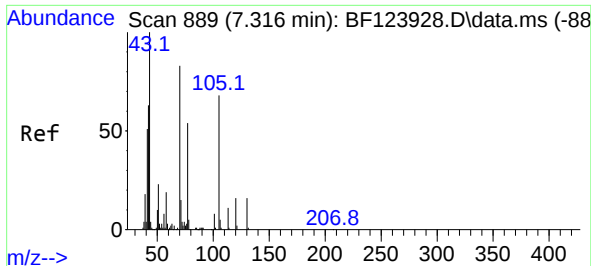
mohammad
5/20/2021 11:34:43 AM



#18
Hexachloroethane
Concen: 37.68 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

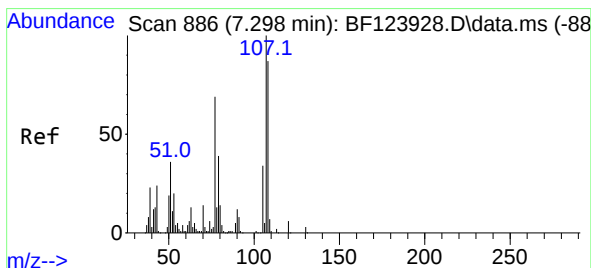
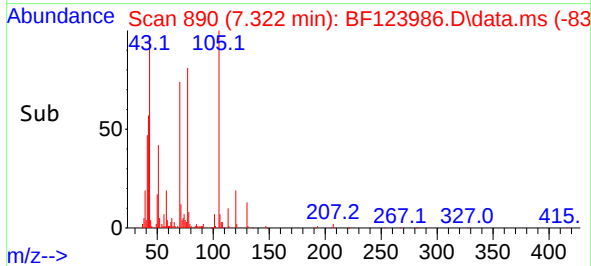
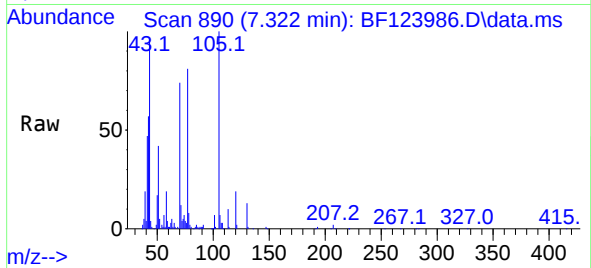
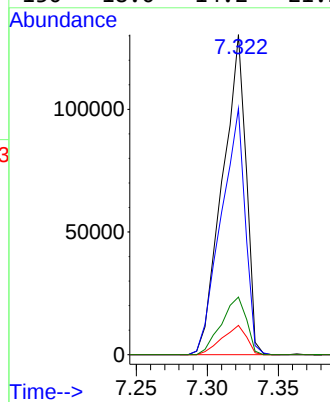
Tgt Ion:	117	Resp:	77339
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8
201	99.8	67.8	101.8





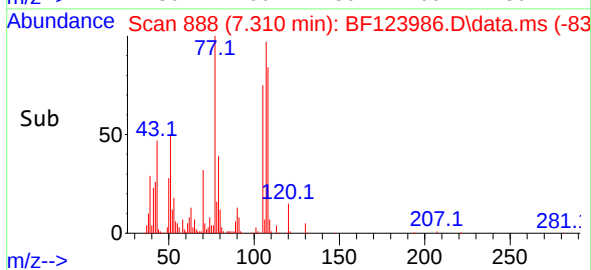
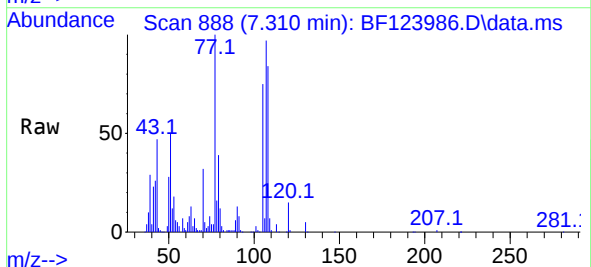
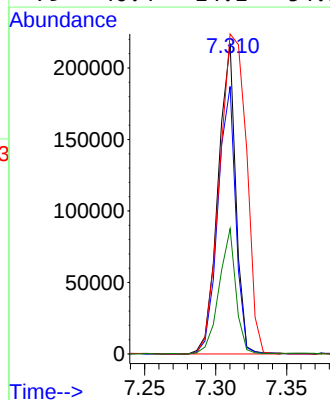
#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:	70	Resp:	150735
Ion Ratio	Lower	Upper	
70	100		
42	76.9	60.1	90.1
101	9.2	7.4	11.2
130	18.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 37.85 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

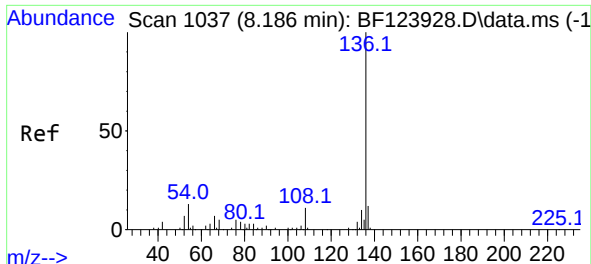
Tgt Ion:	107	Resp:	187837
Ion Ratio	Lower	Upper	
107	100		
108	86.2	71.5	111.5
77	103.1	82.0	122.0
79	40.4	14.1	54.1



Instrument :
BNA_F
ClientSampleId :
PB136517BS

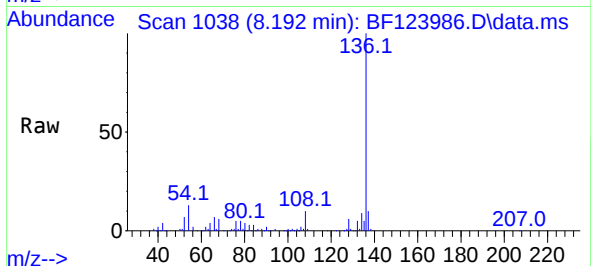
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

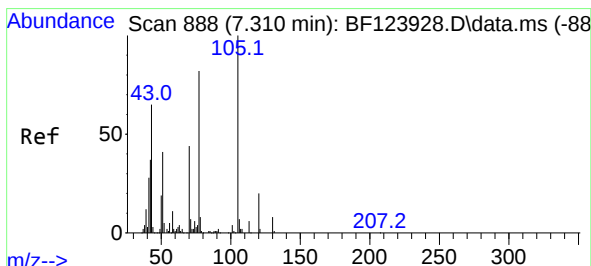
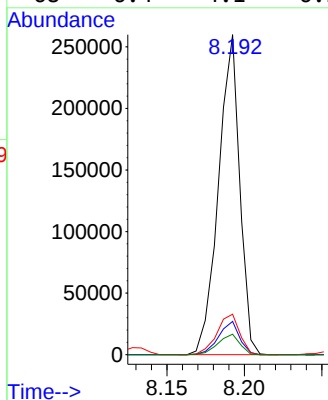
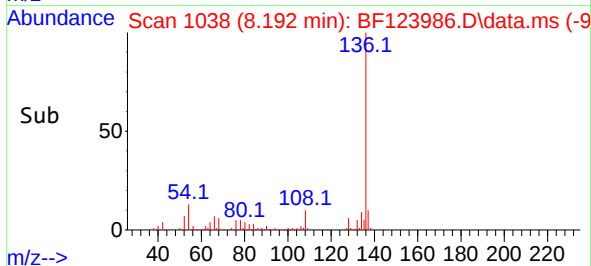
Instrument :
BNA_F
ClientSampled :
PB136517BS



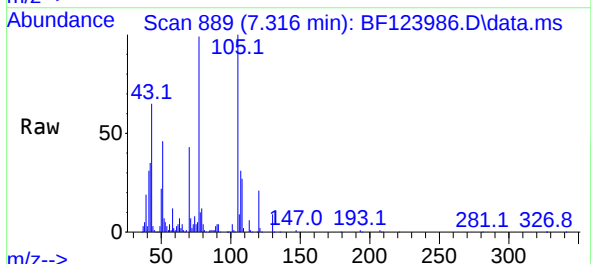
Tgt Ion:136 Resp: 247283
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 12.7 9.8 14.6
68 6.4 4.1 6.1#

Manual Integrations
APPROVED

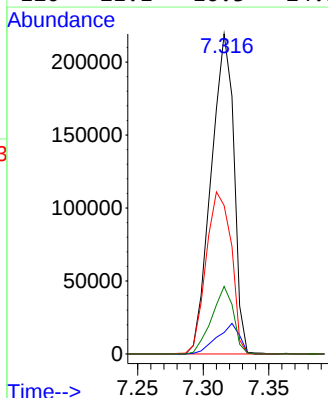
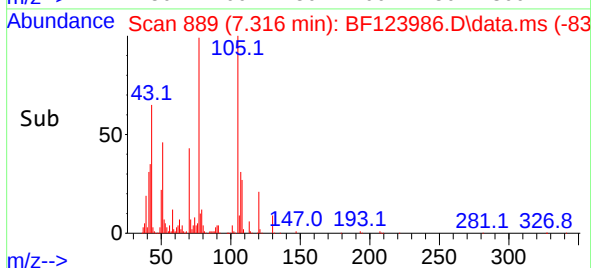
mohammad
5/20/2021 11:34:43 AM

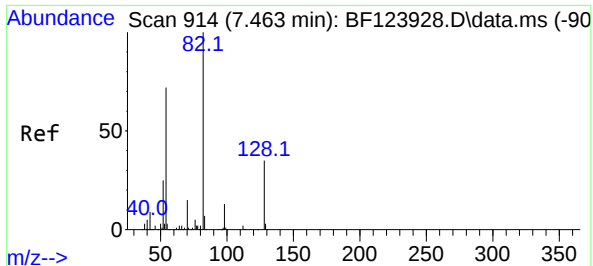


#22
Acetophenone
Concen: 37.67 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion:105 Resp: 264481
Ion Ratio Lower Upper
105 100
71 6.7 4.2 6.4#
51 46.4 33.6 50.4
120 21.1 16.3 24.5





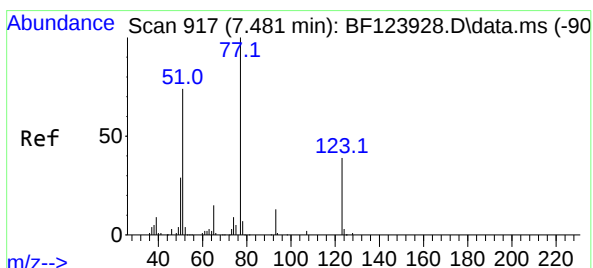
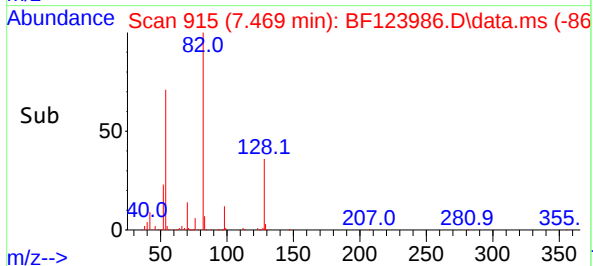
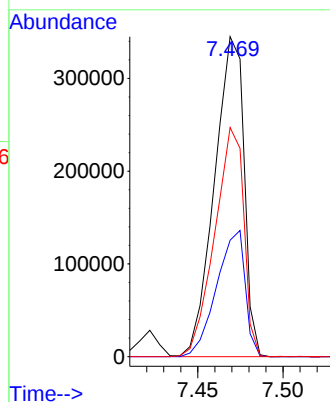
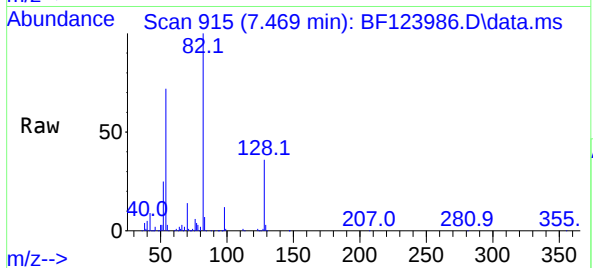
#23
Nitrobenzene-d5
Concen: 72.55 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 82 Resp: 416395
Ion Ratio Lower Upper
82 100
128 36.4 29.4 44.2
54 71.6 54.1 81.1

Instrument :
BNA_F
ClientSampleId :
PB136517BS

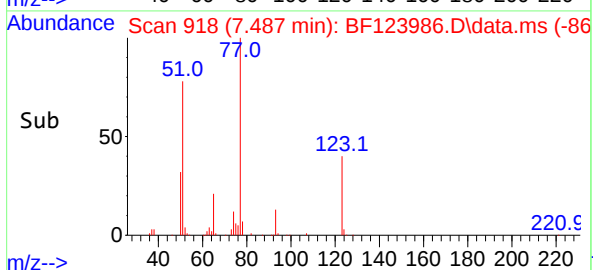
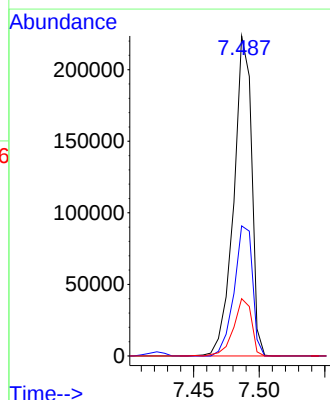
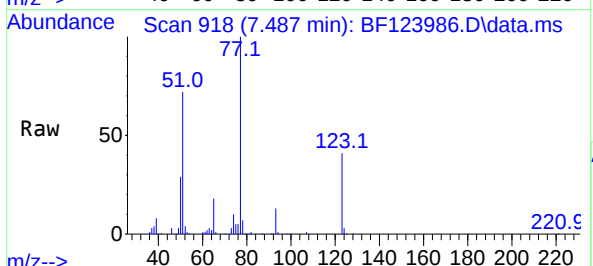
Manual Integrations
APPROVED

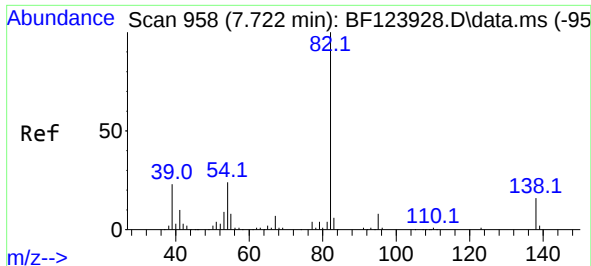
mohammad
5/20/2021 11:34:43 AM



#24
Nitrobenzene
Concen: 36.23 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 77 Resp: 212600
Ion Ratio Lower Upper
77 100
123 40.7 34.5 51.7
65 17.9 12.2 18.2





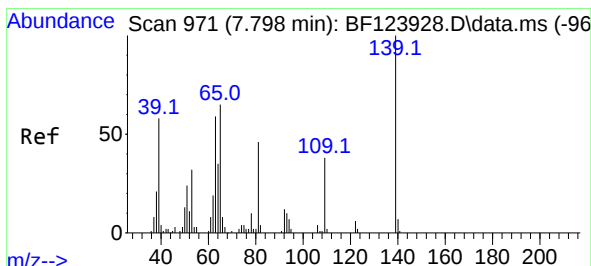
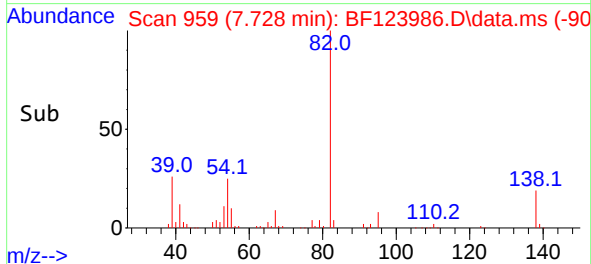
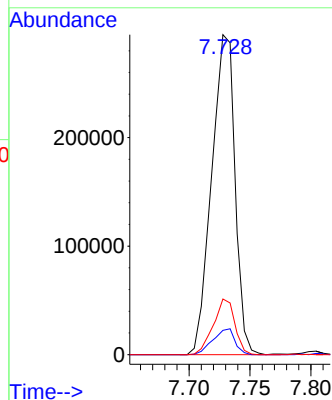
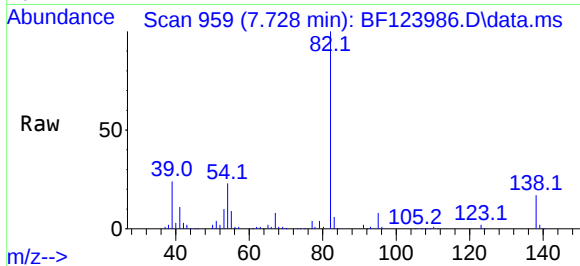
#25
Isophorone
Concen: 35.68 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:	82	Resp:	393922
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	17.4	11.8	17.8

Instrument :
BNA_F
ClientSampleId :
PB136517BS

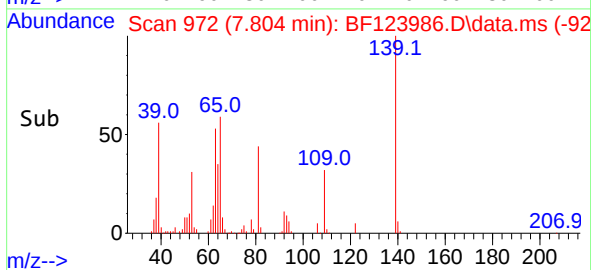
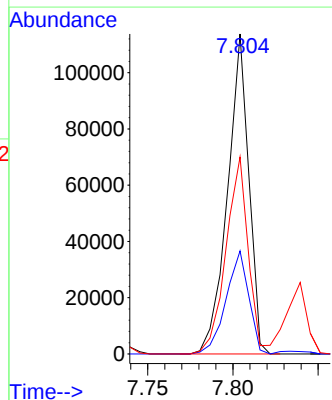
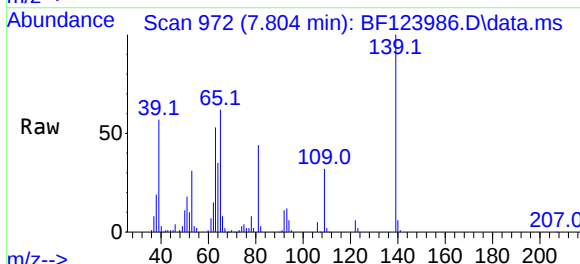
Manual Integrations
APPROVED

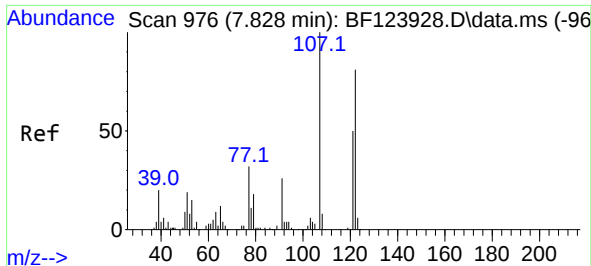
mohammad
5/20/2021 11:34:43 AM



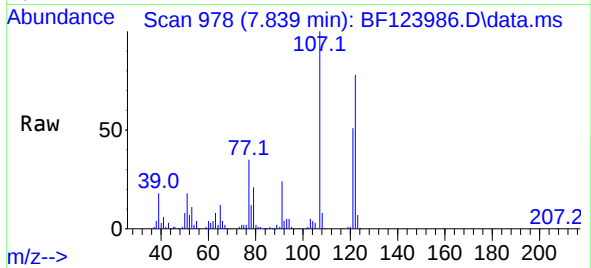
#26
2-Nitrophenol
Concen: 44.68 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:	139	Resp:	98639
Ion	Ratio	Lower	Upper
139	100		
109	32.2	28.6	43.0
65	61.5	56.8	85.2

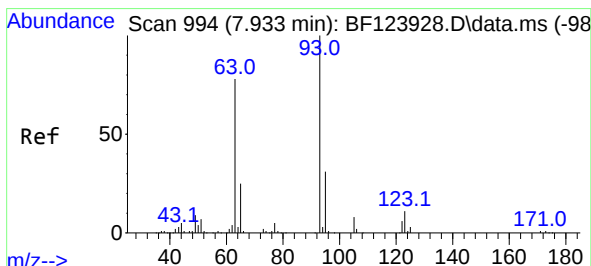
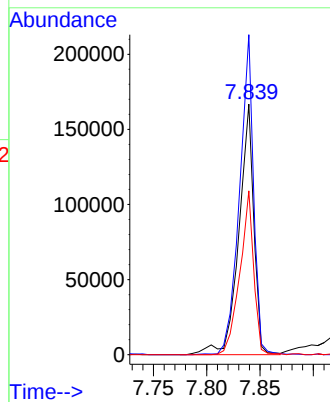
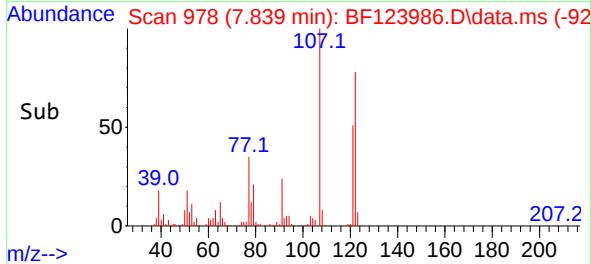




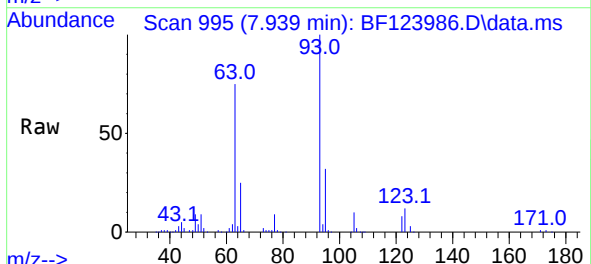
#27
2,4-Dimethylphenol
Concen: 38.71 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



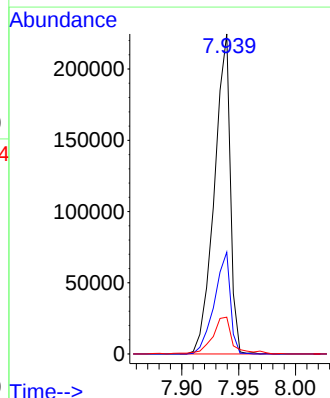
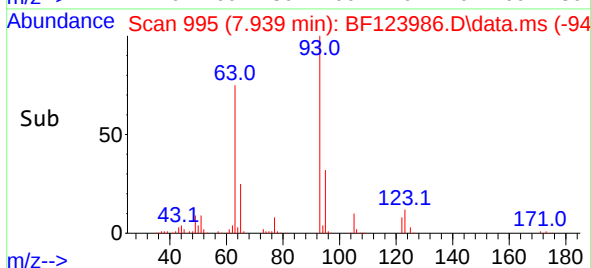
Tgt Ion:122 Resp: 163634
Ion Ratio Lower Upper
122 100
107 127.7 106.3 159.5
121 65.4 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 39.44 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



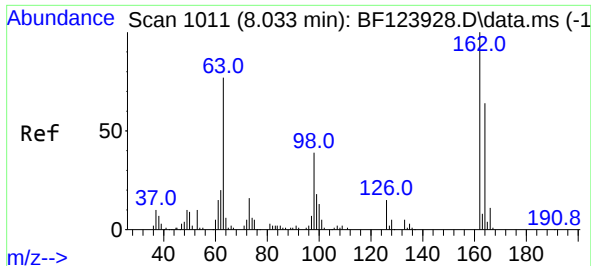
Tgt Ion: 93 Resp: 218946
Ion Ratio Lower Upper
93 100
95 31.8 26.5 39.7
123 11.5 8.4 12.6



Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



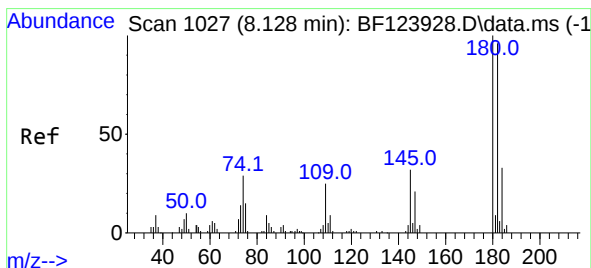
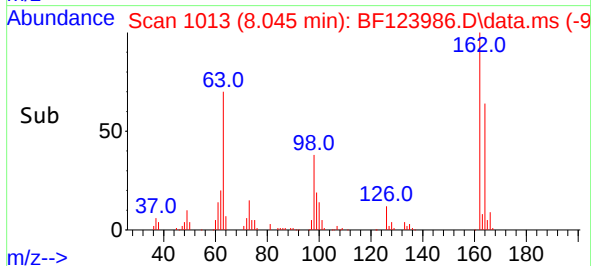
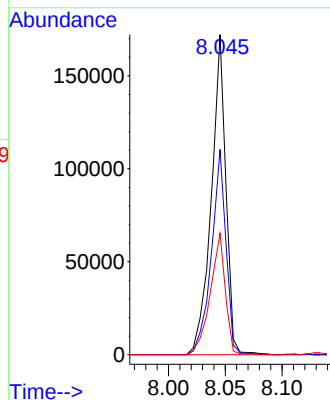
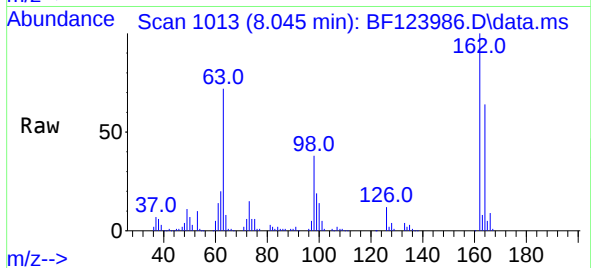
#29
2,4-Dichlorophenol
Concen: 36.01 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:162 Resp: 154048
Ion Ratio Lower Upper
162 100
164 64.2 44.1 84.1
98 37.9 27.3 67.3

Instrument :
BNA_F
ClientSampleId :
PB136517BS

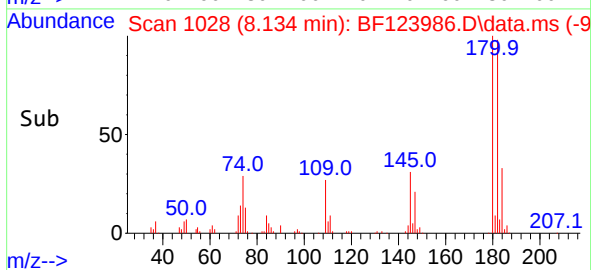
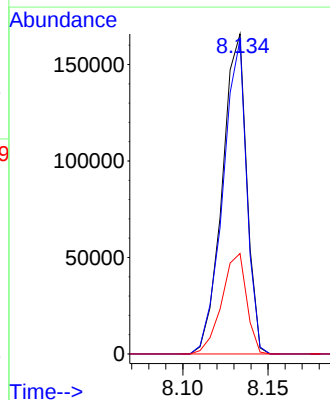
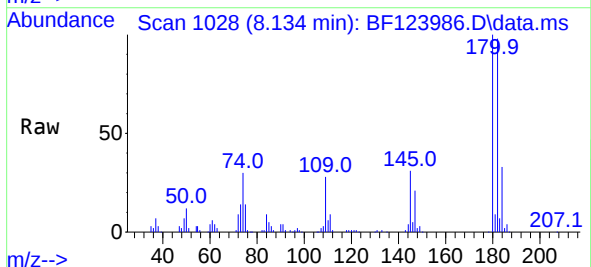
Manual Integrations
APPROVED

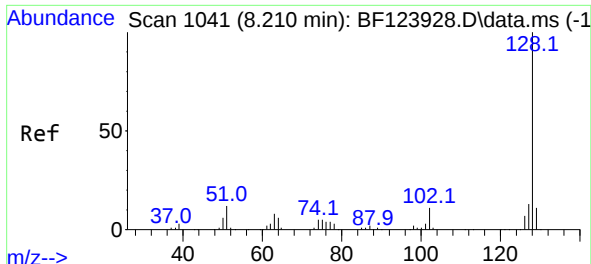
mohammad
5/20/2021 11:34:43 AM



#30
1,2,4-Trichlorobenzene
Concen: 34.38 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:180 Resp: 165400
Ion Ratio Lower Upper
180 100
182 98.3 77.2 115.8
145 31.4 26.0 39.0





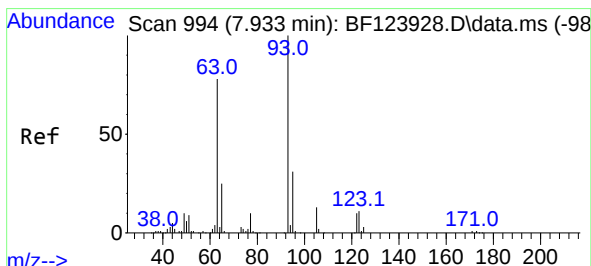
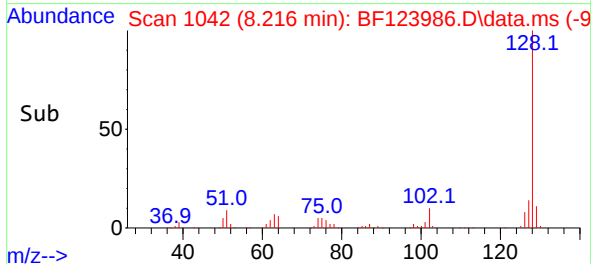
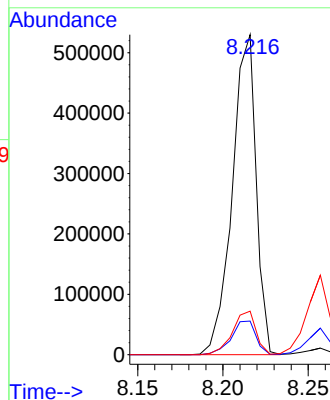
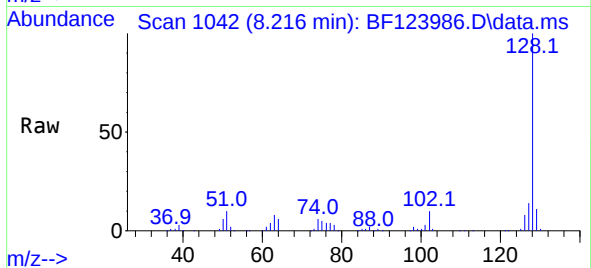
#31
Naphthalene
Concen: 35.26 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:128 Resp: 515995
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 13.6 10.8 16.2

Instrument :
BNA_F
ClientSampled :
PB136517BS

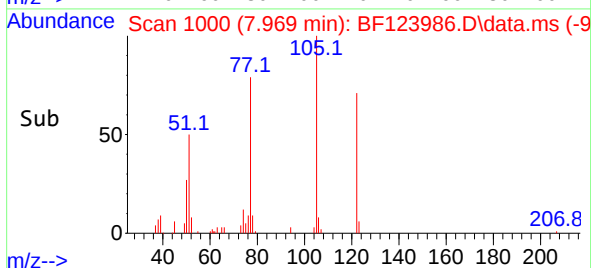
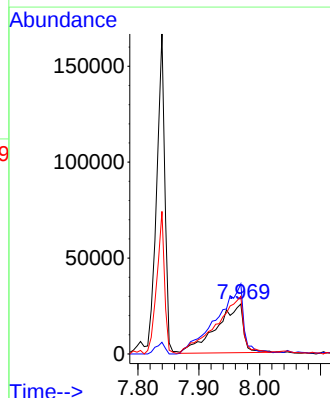
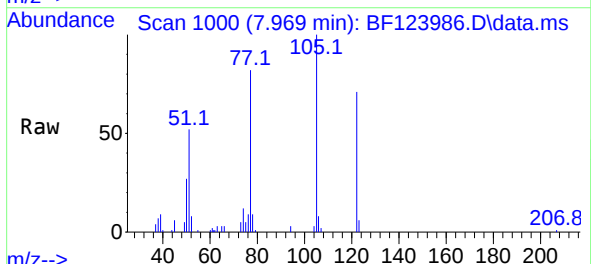
Manual Integrations
APPROVED

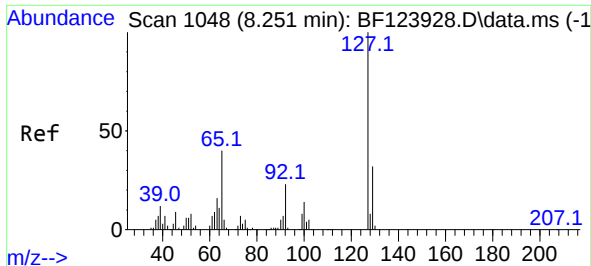
mohammad
5/20/2021 11:34:43 AM



#32
Benzoic acid
Concen: 34.60 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.035 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:122 Resp: 80258
Ion Ratio Lower Upper
122 100
105 140.2 107.8 147.8
77 115.4 81.6 121.6





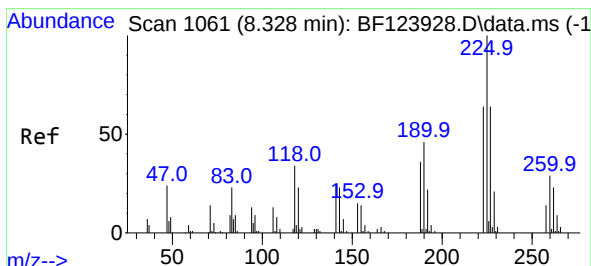
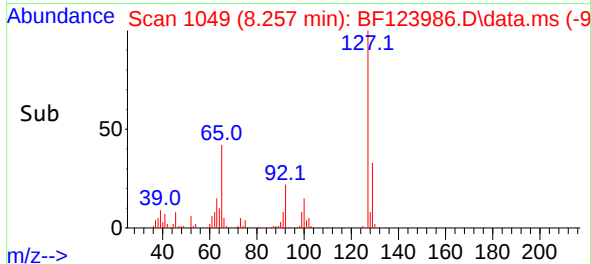
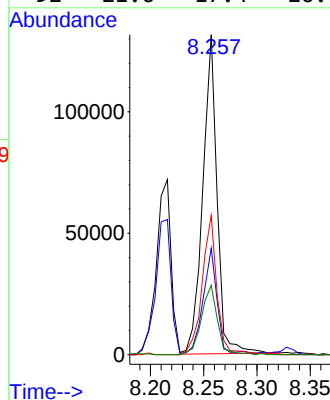
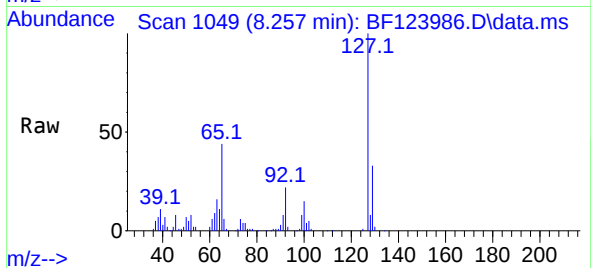
#33
4-Chloroaniline
Concen: 22.09 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Instrument :
BNA_F
ClientSampleId :
PB136517BS

Tgt Ion:	127	Resp:	123091
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.7	38.5
65	43.5	34.5	51.7
92	21.6	17.4	26.0

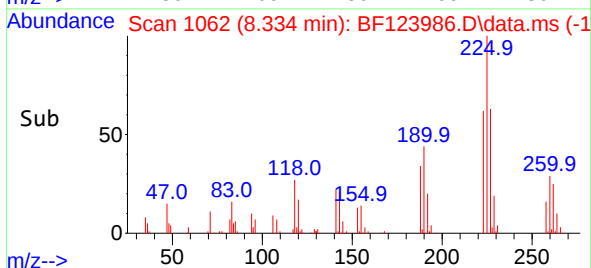
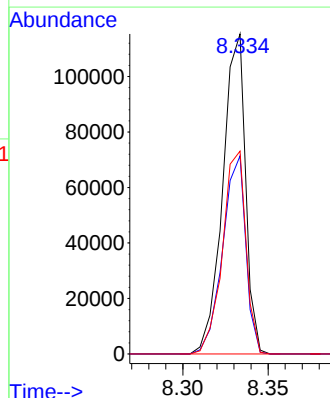
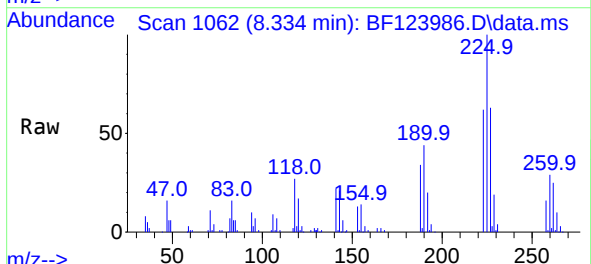
Manual Integrations
APPROVED

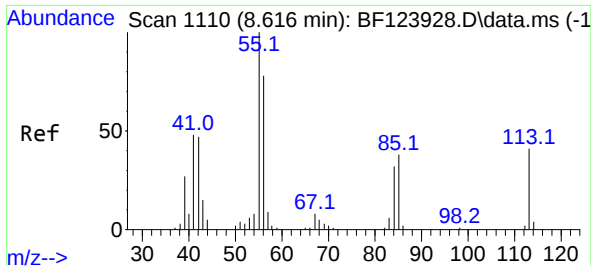
mohammad
5/20/2021 11:34:43 AM



#34
Hexachlorobutadiene
Concen: 34.09 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:	225	Resp:	107364
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.4	75.6
227	63.4	51.4	77.0





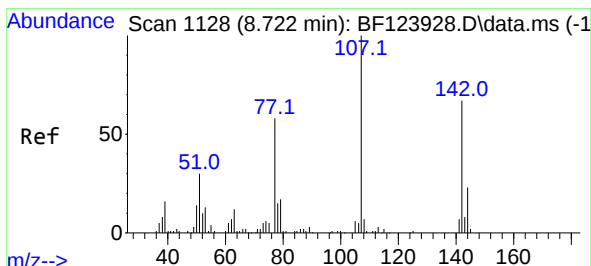
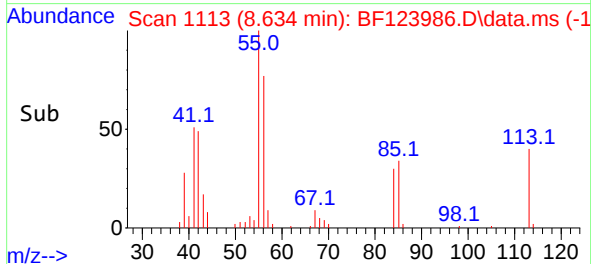
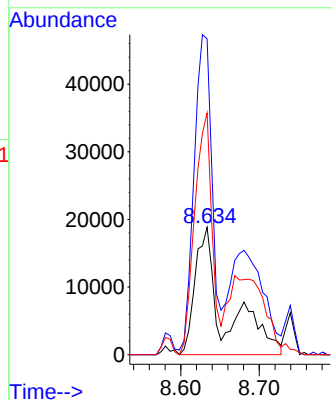
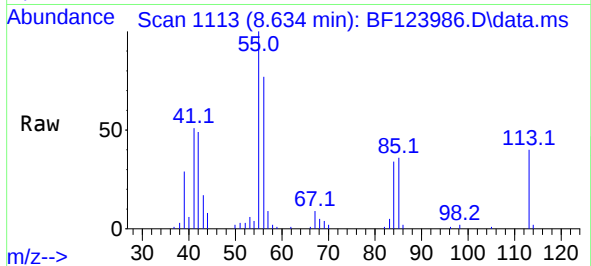
#35
Caprolactam
Concen: 41.93 ng m
RT: 8.634 min Scan# 1113
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:113 Resp: 48848
Ion Ratio Lower Upper
113 100
55 248.0 254.9 294.9#
56 189.8 179.4 219.4

Instrument :
BNA_F
ClientSampled :
PB136517BS

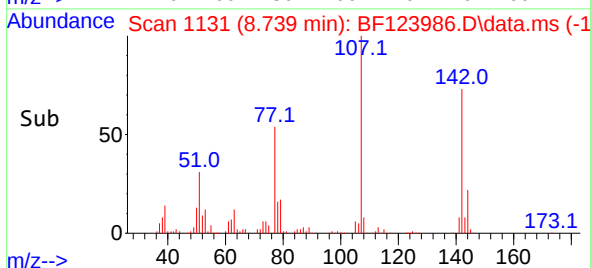
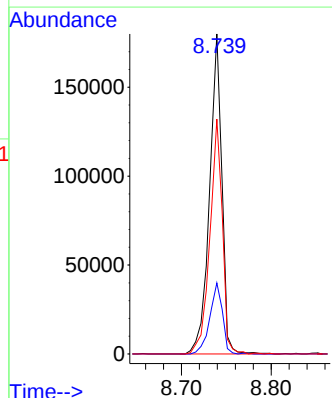
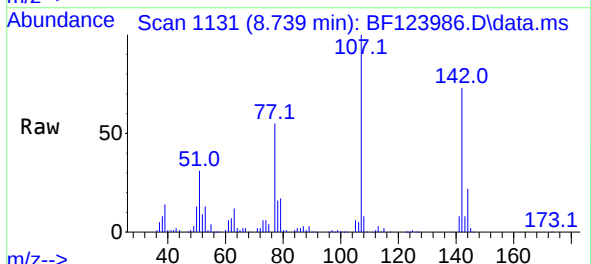
Manual Integrations
APPROVED

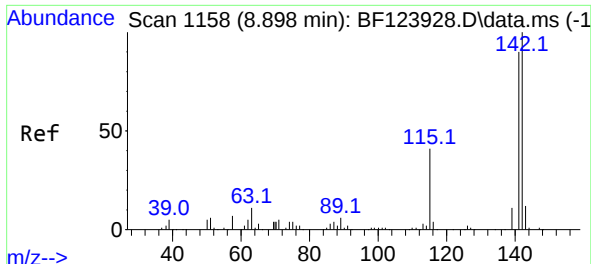
mohammad
5/20/2021 11:34:43 AM



#36
4-Chloro-3-methylphenol
Concen: 36.79 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:107 Resp: 172129
Ion Ratio Lower Upper
107 100
144 22.2 16.3 24.5
142 73.4 50.1 75.1





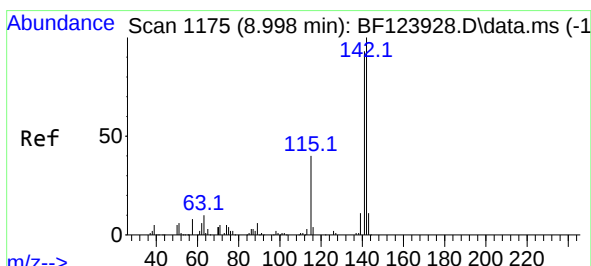
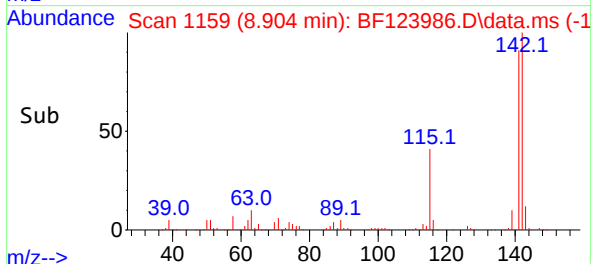
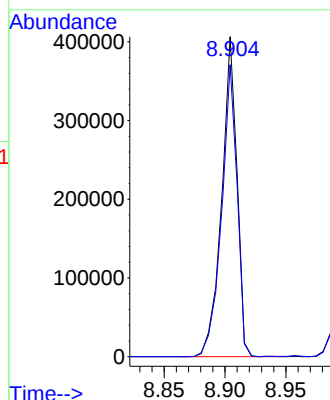
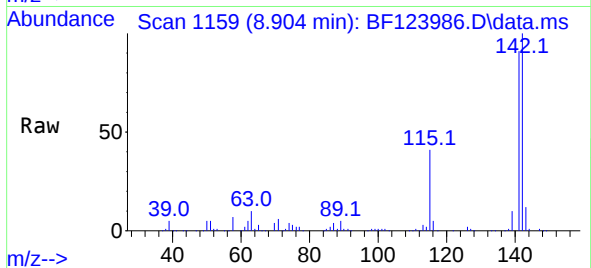
#37
2-Methylnaphthalene
Concen: 35.76 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Instrument :
BNA_F
ClientSampleId :
PB136517BS

Tgt Ion:142 Resp: 354733
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6

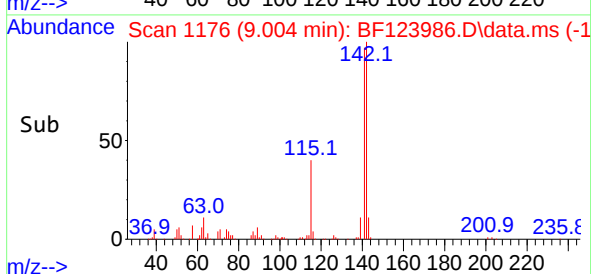
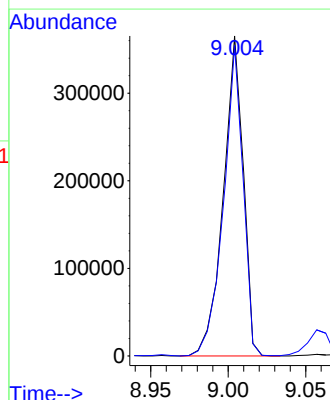
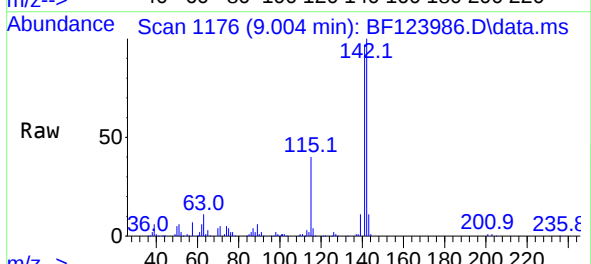
Manual Integrations
APPROVED

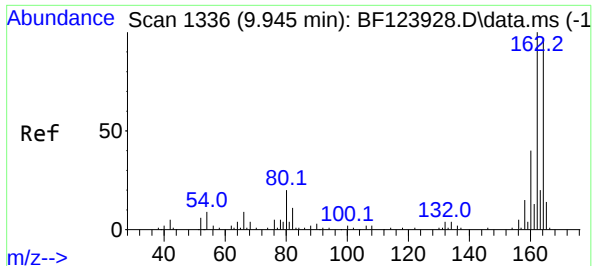
mohammad
5/20/2021 11:34:43 AM



#38
1-Methylnaphthalene
Concen: 35.35 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:142 Resp: 327154
Ion Ratio Lower Upper
142 100
141 97.2 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.951 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF123986.D

Acq: 19 May 2021 12:45

Tgt Ion:164 Resp: 136894

Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

160 43.7 37.3 55.9

Instrument :

BNA_F

ClientSampled :

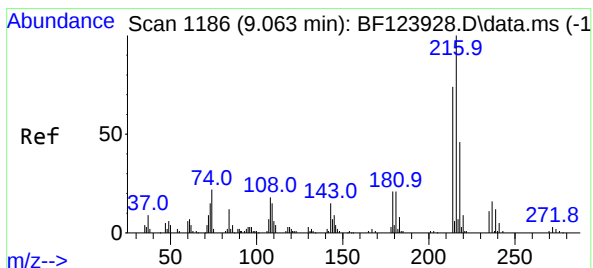
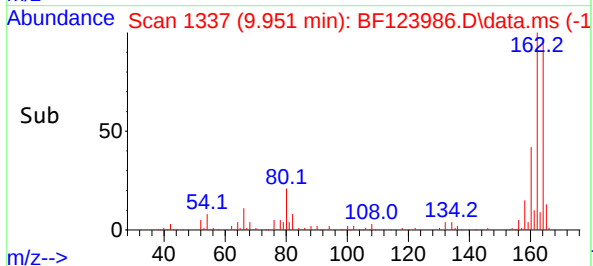
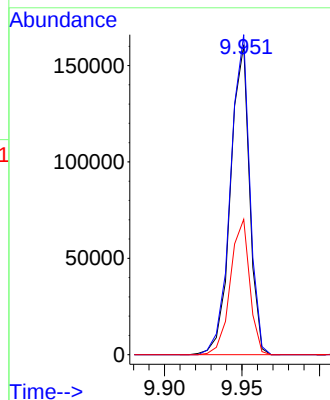
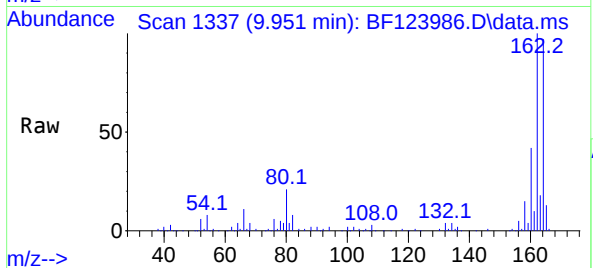
PB136517BS

Manual Integrations

APPROVED

mohammad

5/20/2021 11:34:43 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.56 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF123986.D

Acq: 19 May 2021 12:45

Tgt Ion:216 Resp: 180529

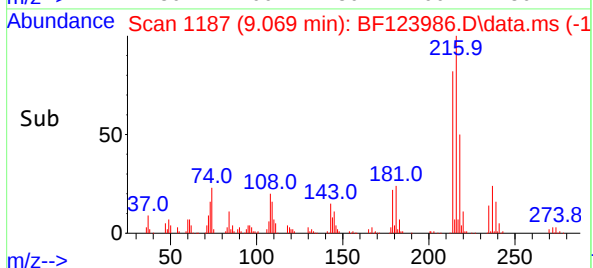
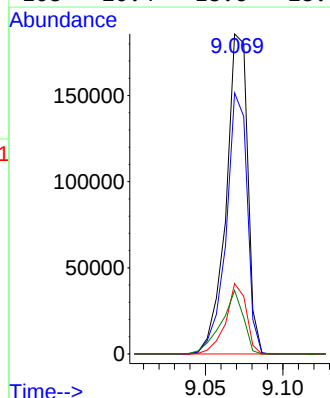
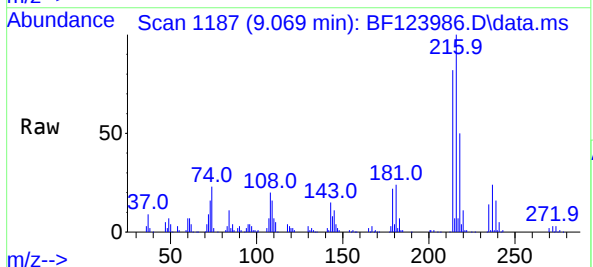
Ion Ratio Lower Upper

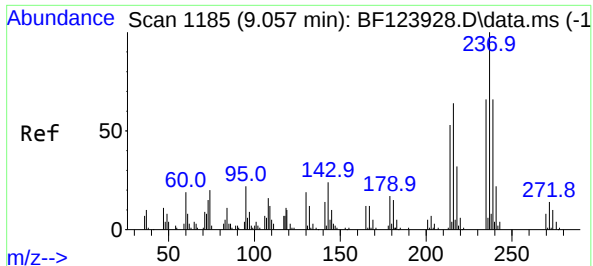
216 100

214 79.0 63.8 95.8

179 20.9 17.9 26.9

108 20.4 18.6 28.0





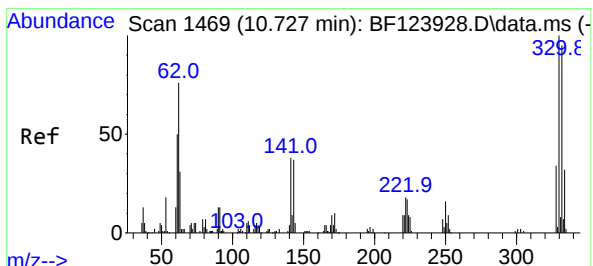
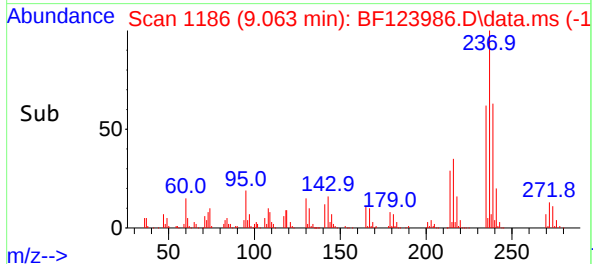
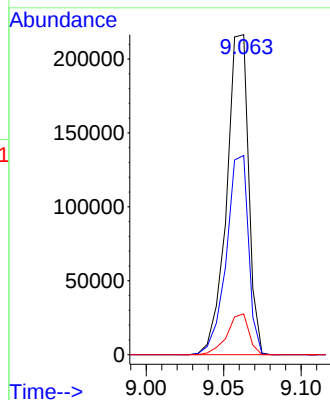
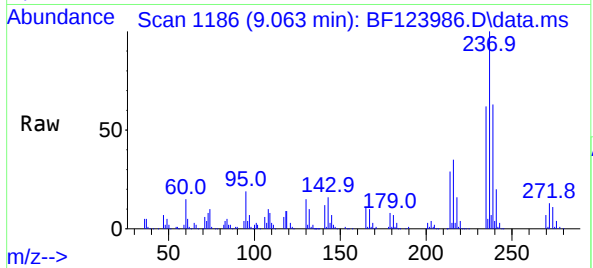
#41
Hexachlorocyclopentadiene
Concen: 68.15 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 237 Resp: 214005
Ion Ratio Lower Upper
237 100
235 62.3 38.8 78.8
272 12.8 0.0 32.4

Instrument :
BNA_F
ClientSampled :
PB136517BS

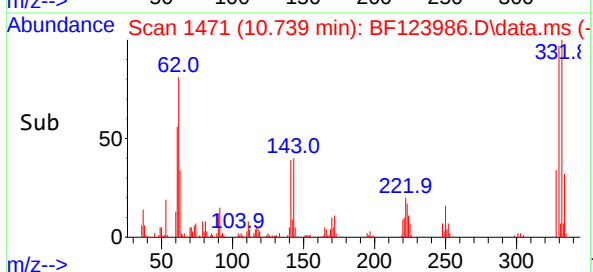
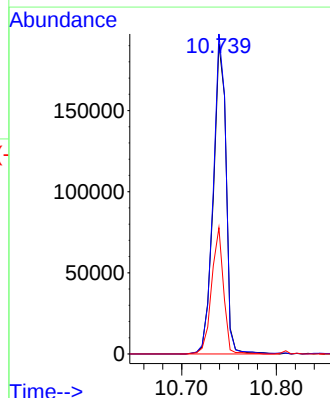
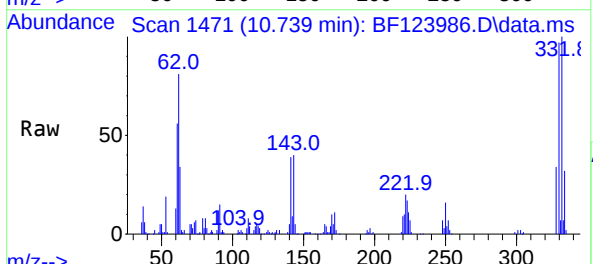
Manual Integrations
APPROVED

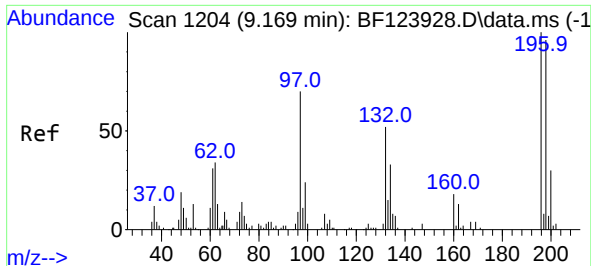
mohammad
5/20/2021 11:34:43 AM



#42
2,4,6-Tribromophenol
Concen: 109.00 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion: 330 Resp: 179219
Ion Ratio Lower Upper
330 100
332 101.9 77.1 115.7
141 37.9 27.9 41.9





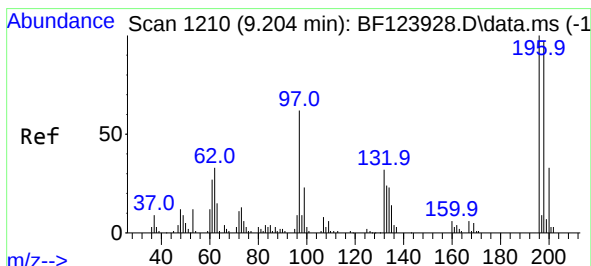
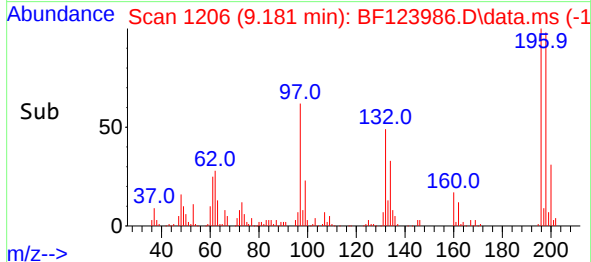
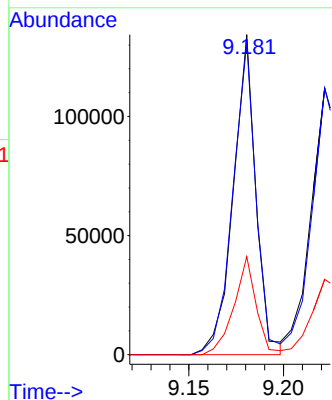
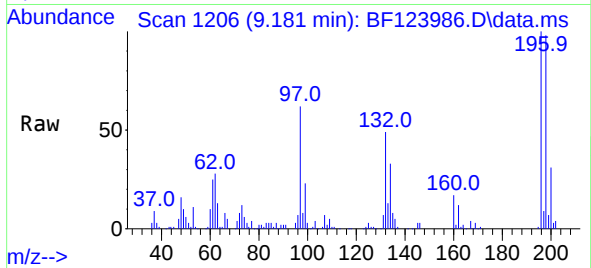
#43
2,4,6-Trichlorophenol
Concen: 34.80 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:196 Resp: 111489
Ion Ratio Lower Upper
196 100
198 97.8 78.2 117.2
200 30.6 25.0 37.6

Instrument :
BNA_F
ClientSampled :
PB136517BS

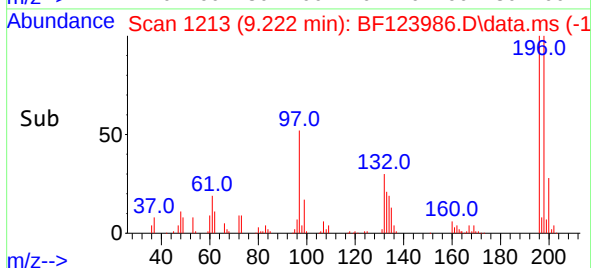
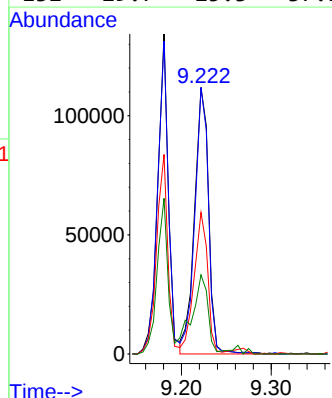
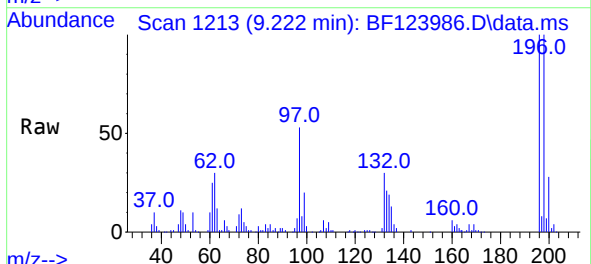
Manual Integrations
APPROVED

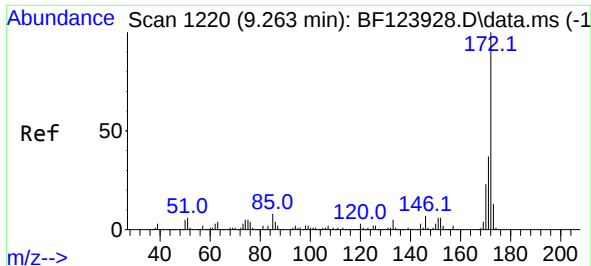
mohammad
5/20/2021 11:34:43 AM



#44
2,4,5-Trichlorophenol
Concen: 36.91 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:196 Resp: 122848
Ion Ratio Lower Upper
196 100
198 99.9 76.5 114.7
97 53.1 52.9 79.3
132 29.7 25.3 37.9





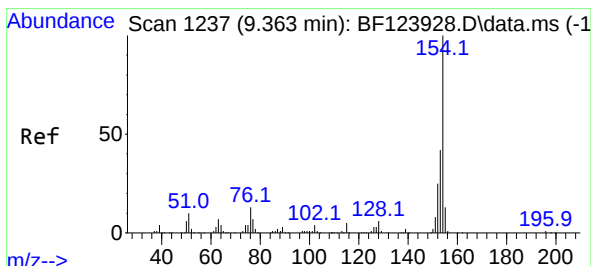
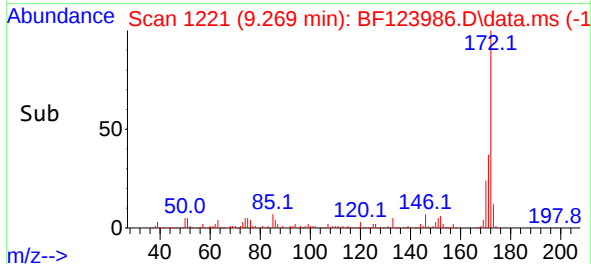
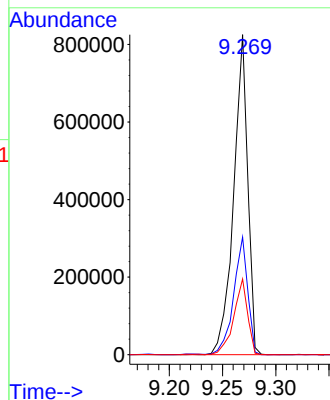
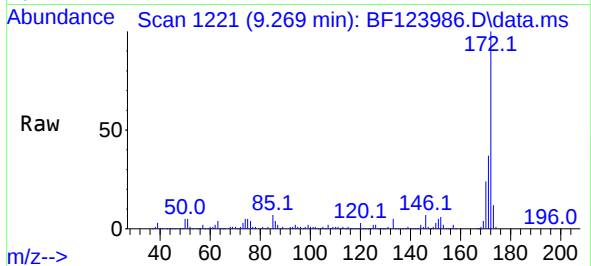
#45
2-Fluorobiphenyl
Concen: 68.43 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:172 Resp: 761290
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.7 19.2 28.8

Instrument :
BNA_F
ClientSampled :
PB136517BS

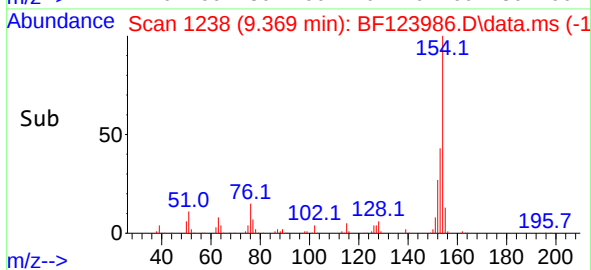
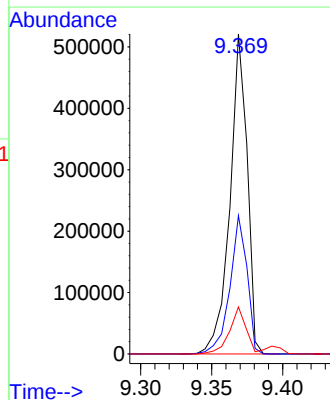
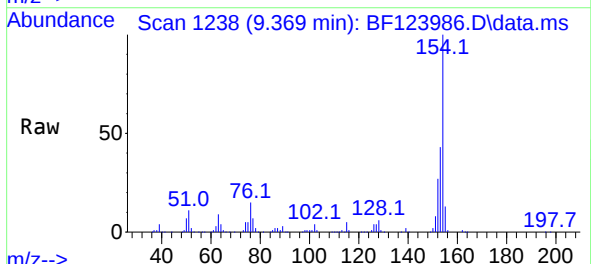
Manual Integrations
APPROVED

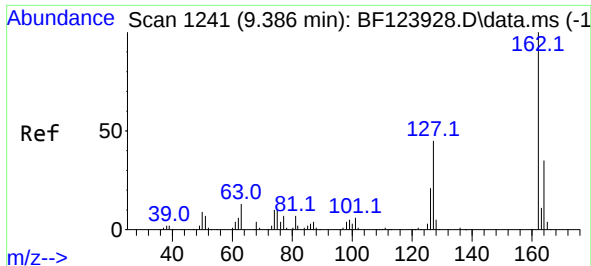
mohammad
5/20/2021 11:34:43 AM



#46
1,1'-Biphenyl
Concen: 36.43 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

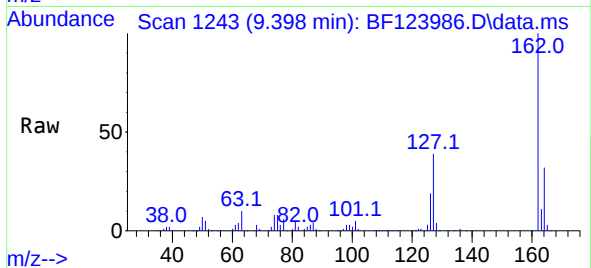
Tgt Ion:154 Resp: 439295
Ion Ratio Lower Upper
154 100
153 43.2 20.7 60.7
76 14.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 35.67 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

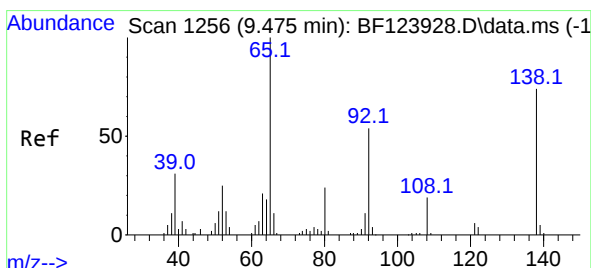
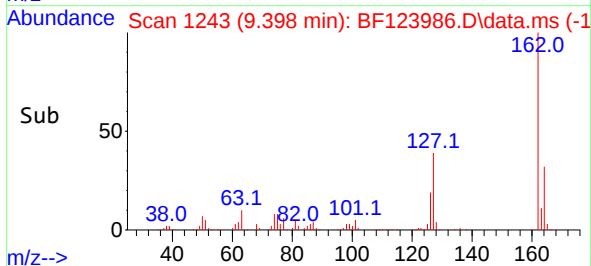
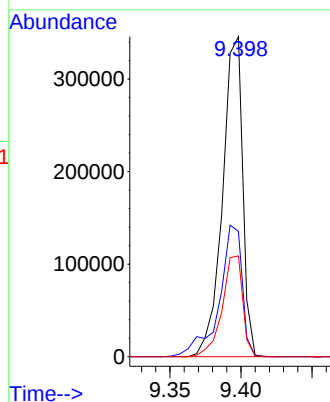
Instrument :
BNA_F
ClientSampled :
PB136517BS



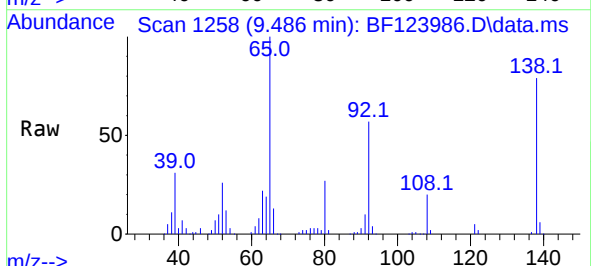
Tgt Ion:162 Resp: 341585
Ion Ratio Lower Upper
162 100
127 39.1 36.2 54.2
164 31.5 25.4 38.2

Manual Integrations
APPROVED

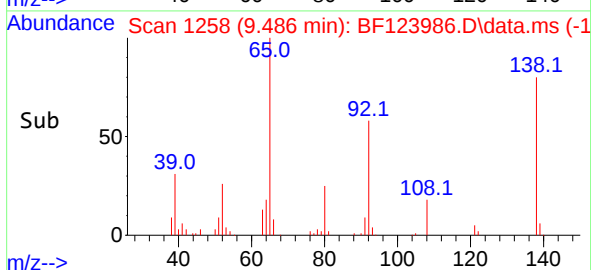
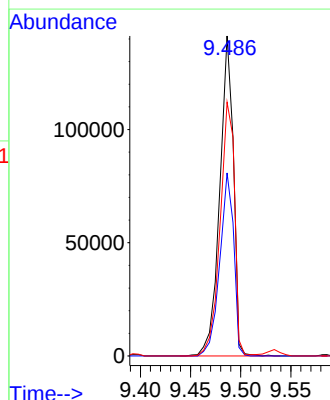
mohammad
5/20/2021 11:34:43 AM

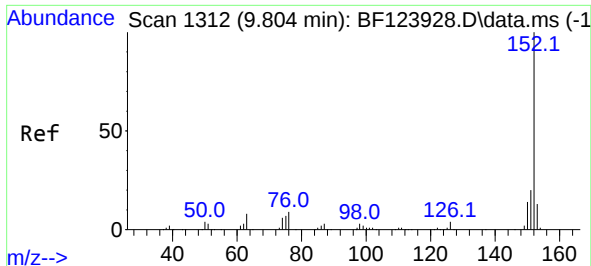


#48
2-Nitroaniline
Concen: 41.35 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion: 65 Resp: 133726
Ion Ratio Lower Upper
65 100
92 57.2 47.1 70.7
138 79.3 70.2 105.2





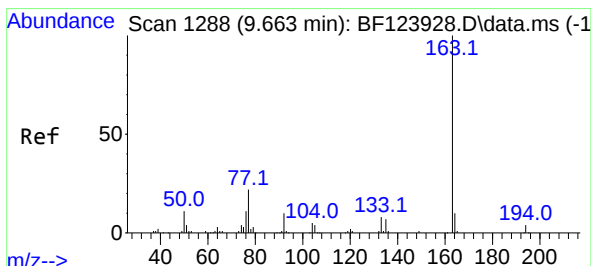
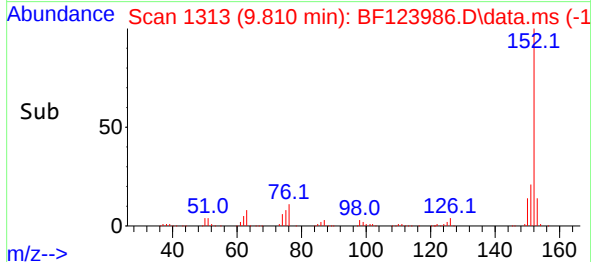
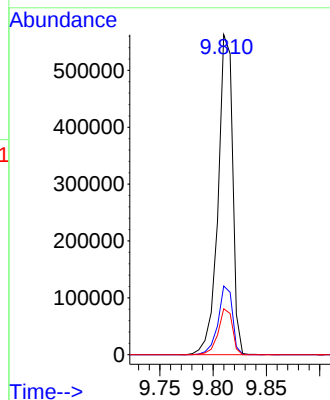
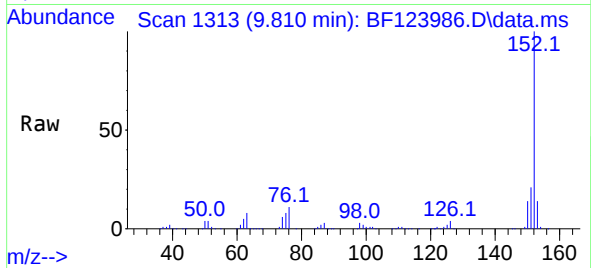
#49
Acenaphthylene
Concen: 37.65 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:152 Resp: 532790
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 14.3 10.4 15.6

Instrument :
BNA_F
ClientSampled :
PB136517BS

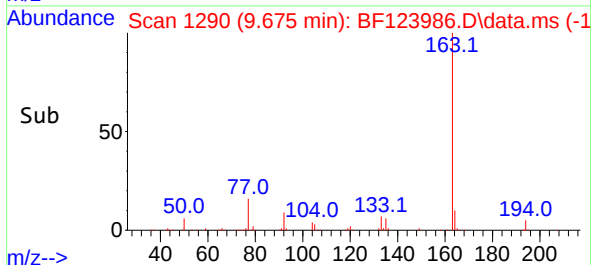
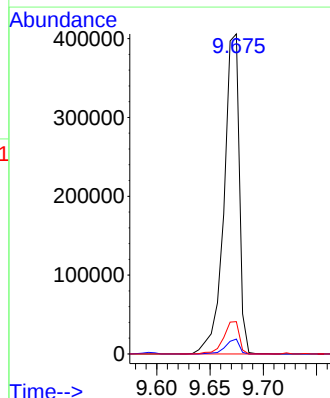
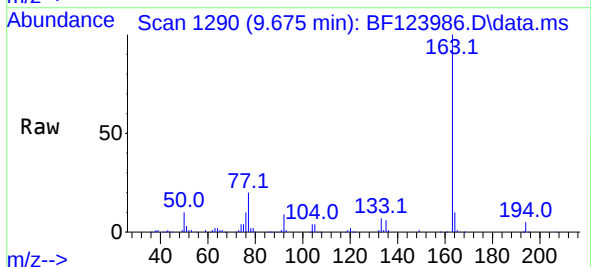
Manual Integrations
APPROVED

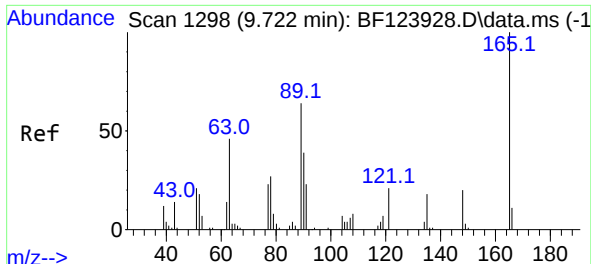
mohammad
5/20/2021 11:34:43 AM



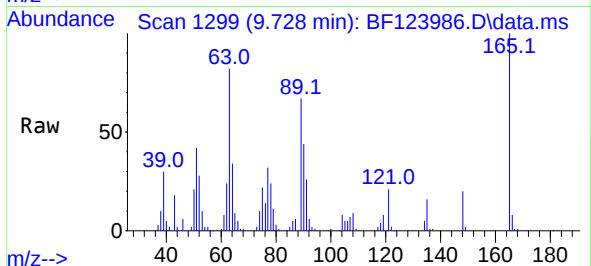
#50
Dimethylphthalate
Concen: 37.00 ng
RT: 9.675 min Scan# 1290
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:163 Resp: 404474
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.1 8.2 12.2

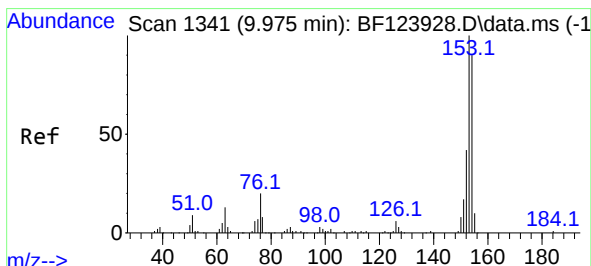
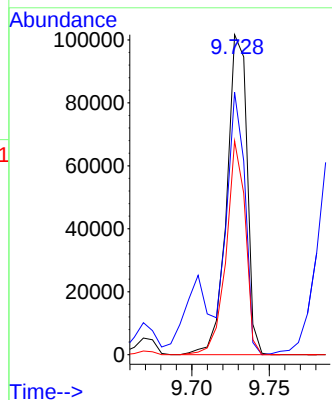
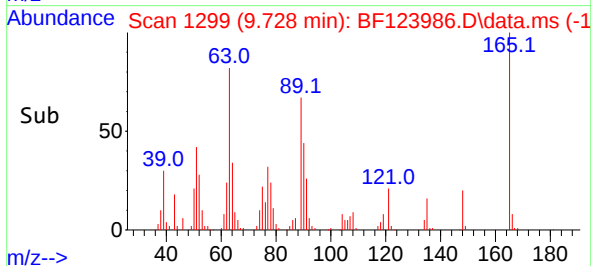




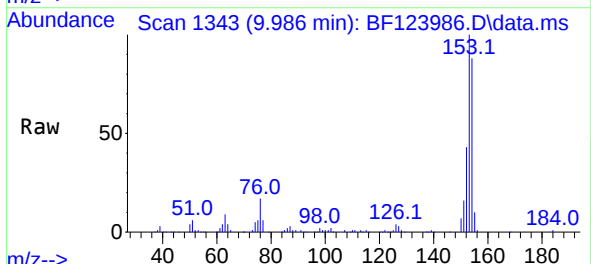
#51
2,6-Dinitrotoluene
Concen: 41.88 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



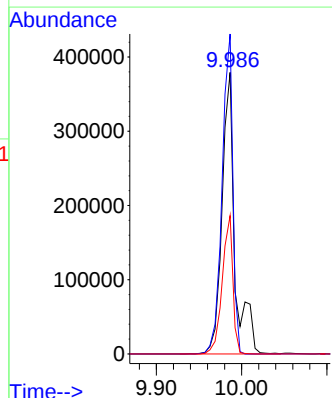
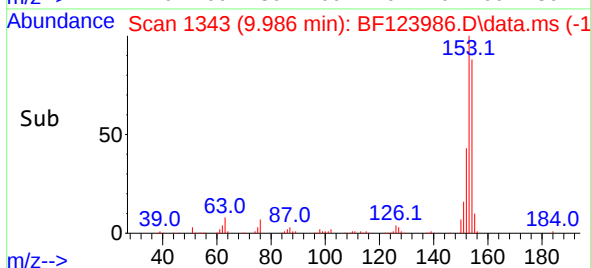
Tgt Ion:165 Resp: 92587
Ion Ratio Lower Upper
165 100
63 82.0 67.7 101.5
89 66.8 58.8 88.2



#52
Acenaphthene
Concen: 41.19 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



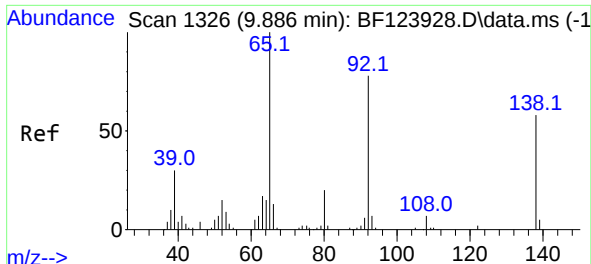
Tgt Ion:154 Resp: 398980
Ion Ratio Lower Upper
154 100
153 113.6 88.1 132.1
152 49.1 43.4 65.0



Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



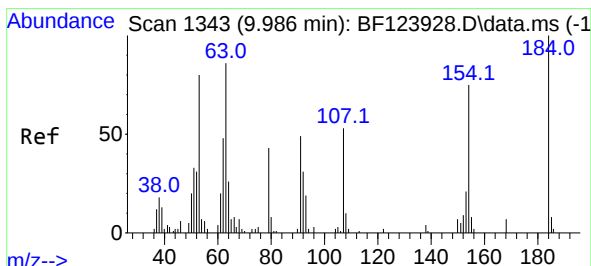
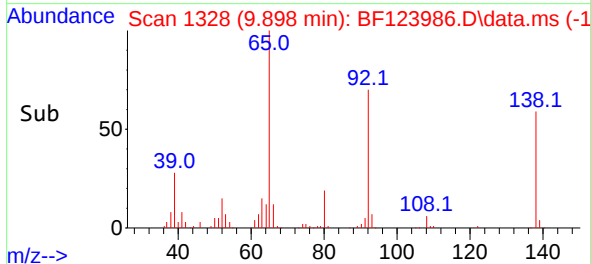
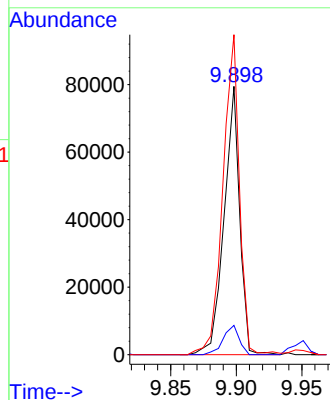
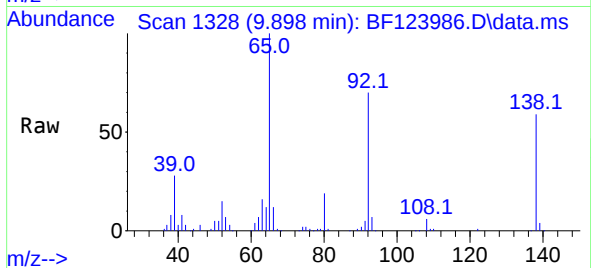
#53
3-Nitroaniline
Concen: 29.87 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:138 Resp: 65616
Ion Ratio Lower Upper
138 100
108 10.9 10.2 15.4
92 119.3 103.3 154.9

Instrument :
BNA_F
ClientSampled :
PB136517BS

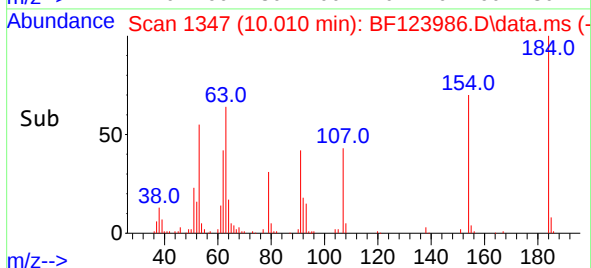
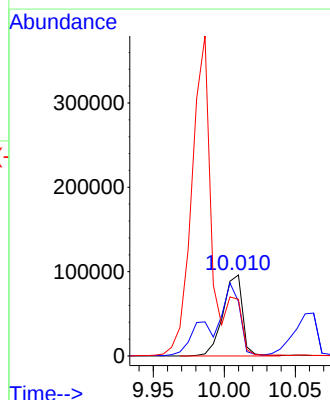
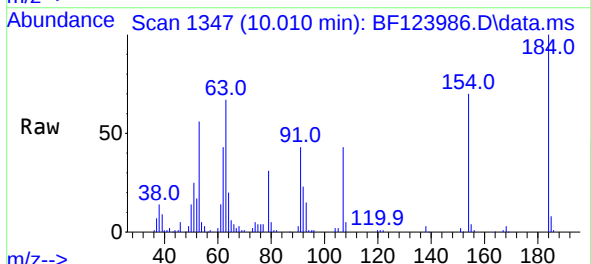
Manual Integrations
APPROVED

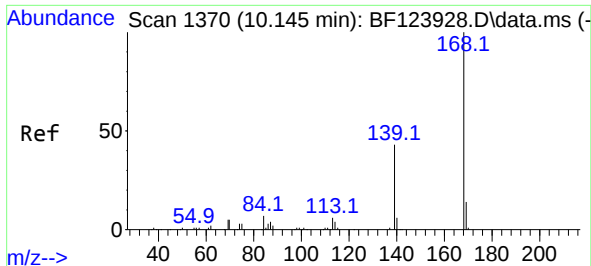
mohammad
5/20/2021 11:34:43 AM



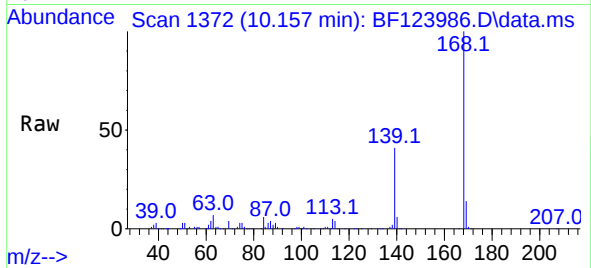
#54
2,4-Dinitrophenol
Concen: 77.71 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.024 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:184 Resp: 92072
Ion Ratio Lower Upper
184 100
63 67.1 73.5 110.3#
154 69.9 52.5 78.7

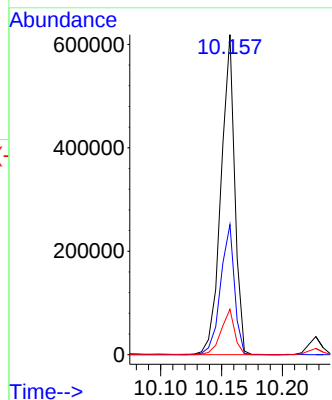




#55
Dibenzofuran
Concen: 35.15 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



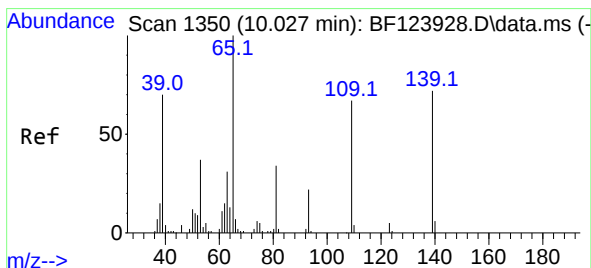
Tgt Ion:168 Resp: 488935
Ion Ratio Lower Upper
168 100
139 40.7 33.2 49.8
169 14.2 10.8 16.2



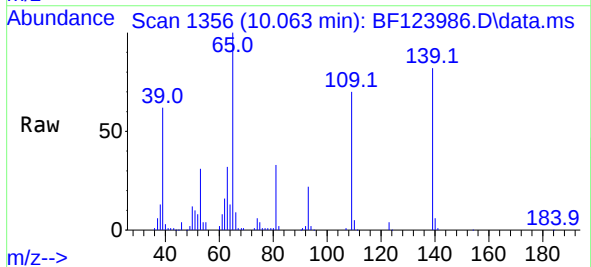
Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

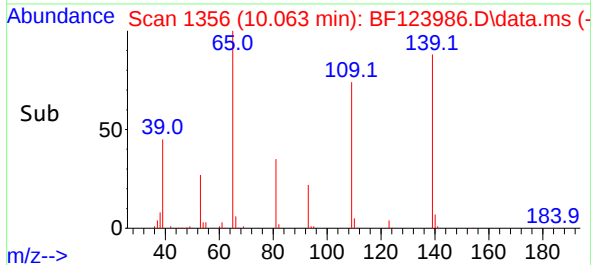
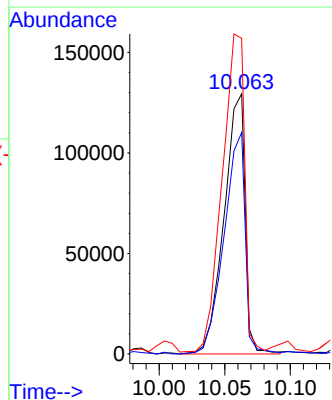
mohammad
5/20/2021 11:34:43 AM

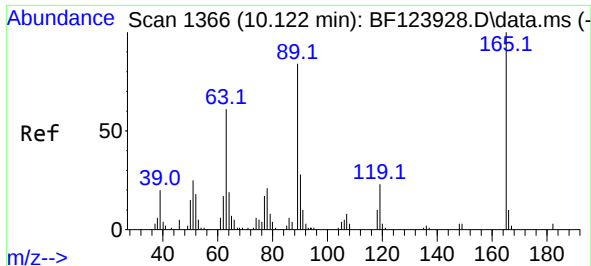


#56
4-Nitrophenol
Concen: 79.73 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.035 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion:139 Resp: 144879
Ion Ratio Lower Upper
139 100
109 85.1 63.2 103.2
65 121.3 110.0 150.0





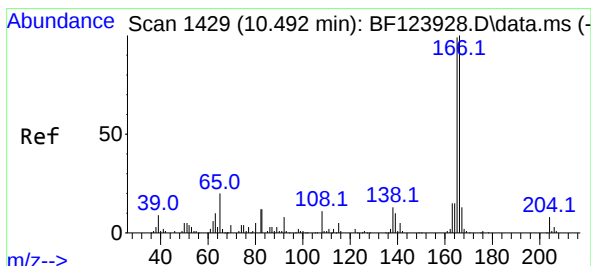
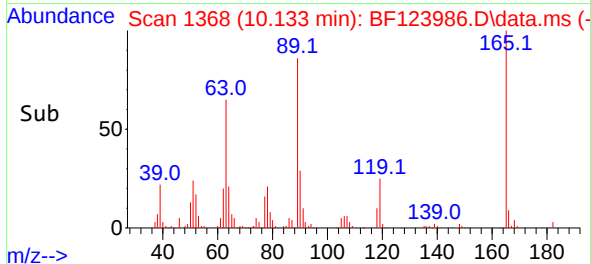
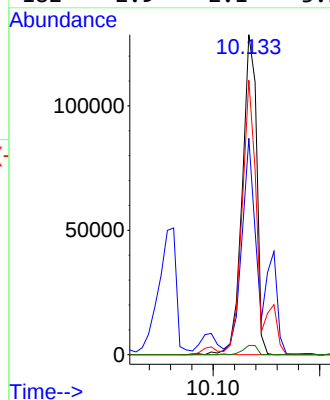
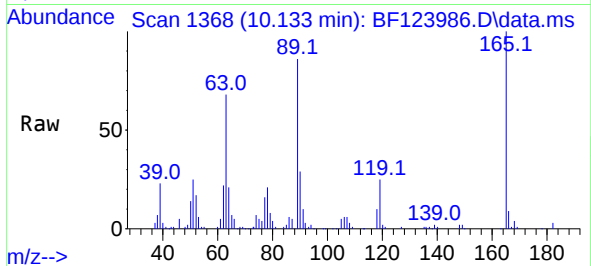
#57
2,4-Dinitrotoluene
Concen: 44.82 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:165 Resp: 121525
Ion Ratio Lower Upper
165 100
63 67.6 43.5 65.3#
89 85.8 67.7 101.5
182 2.9 2.1 3.1

Instrument :
BNA_F
ClientSampled :
PB136517BS

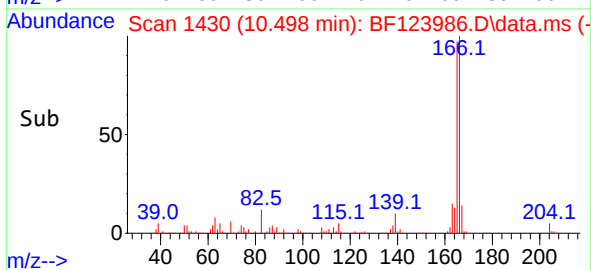
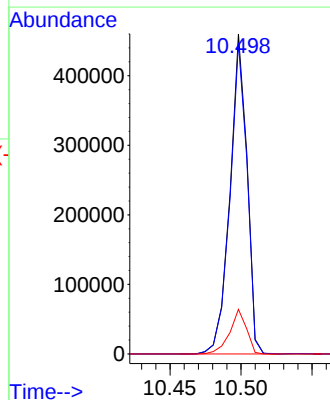
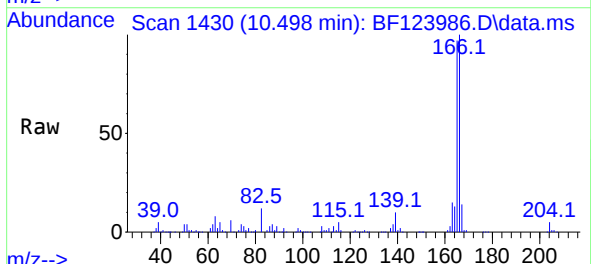
Manual Integrations
APPROVED

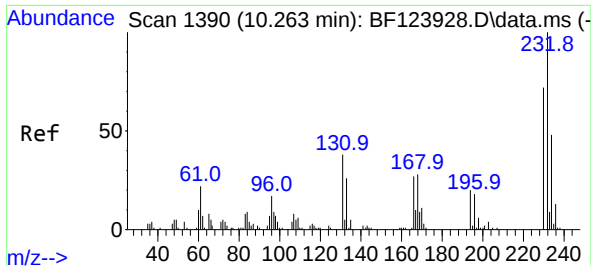
mohammad
5/20/2021 11:34:43 AM



#58
Fluorene
Concen: 36.62 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:166 Resp: 383933
Ion Ratio Lower Upper
166 100
165 97.3 73.5 110.3
167 14.0 10.7 16.1





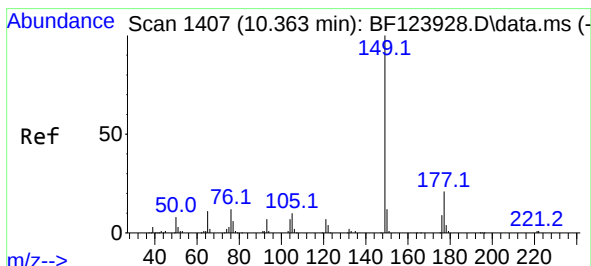
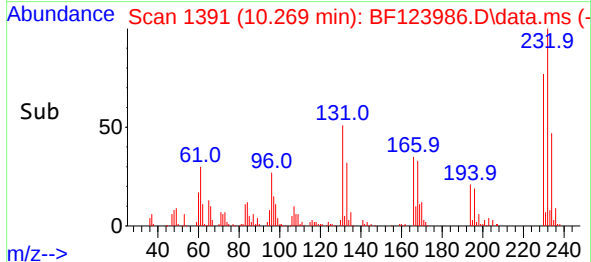
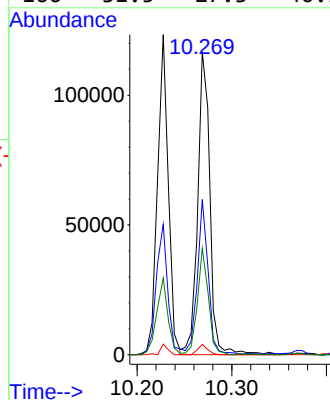
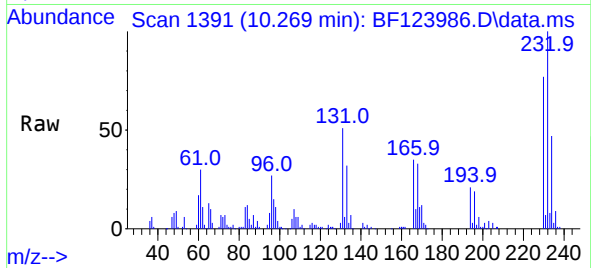
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.37 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:232 Resp: 105013
Ion Ratio Lower Upper
232 100
131 45.2 43.2 64.8
130 2.7 2.2 3.2
166 31.5 27.3 40.9

Instrument :
BNA_F
ClientSampleId :
PB136517BS

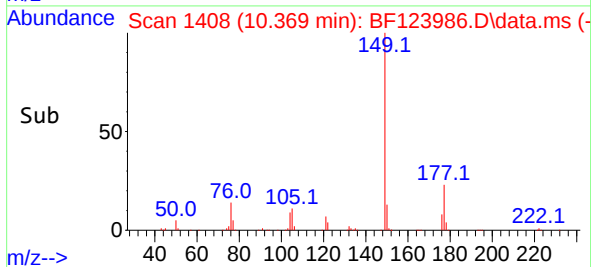
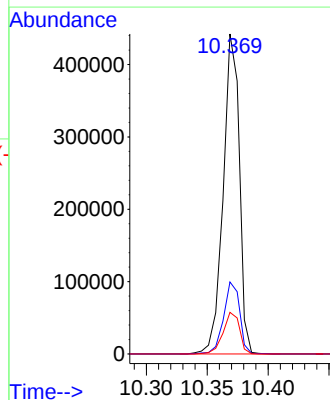
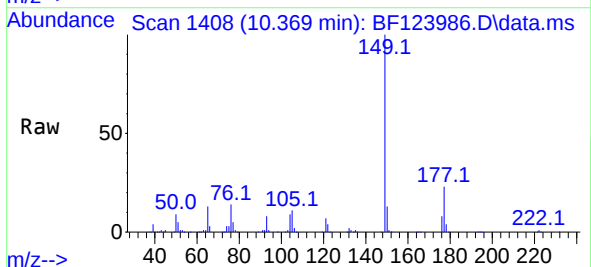
Manual Integrations
APPROVED

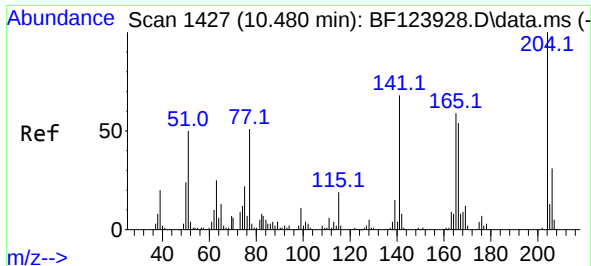
mohammad
5/20/2021 11:34:43 AM



#60
Diethylphthalate
Concen: 37.73 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:149 Resp: 408471
Ion Ratio Lower Upper
149 100
177 22.5 15.4 23.2
150 13.0 9.9 14.9





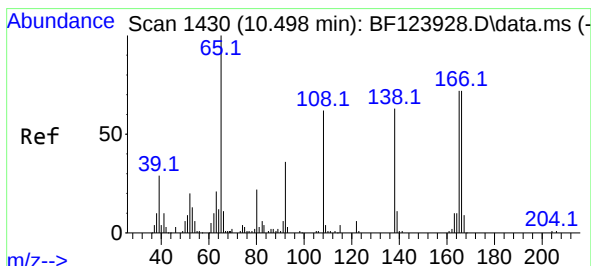
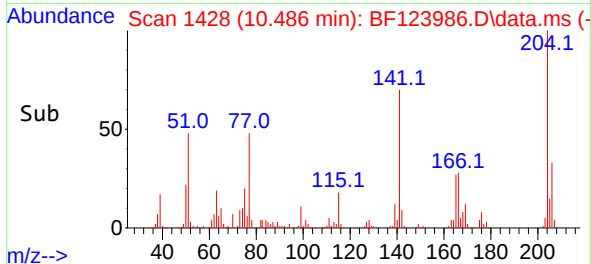
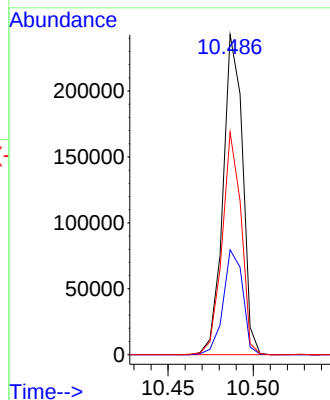
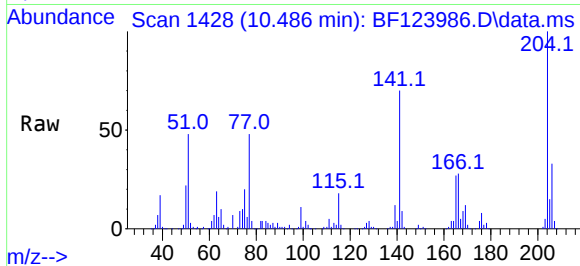
#61
4-Chlorophenyl-phenylether
Concen: 37.00 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Instrument :
BNA_F
ClientSampled :
PB136517BS

Tgt Ion:204 Resp: 194395
Ion Ratio Lower Upper
204 100
206 32.8 25.7 38.5
141 69.5 55.5 83.3

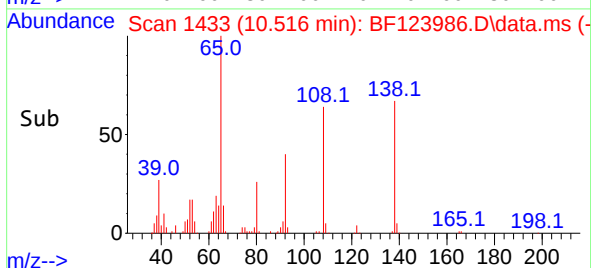
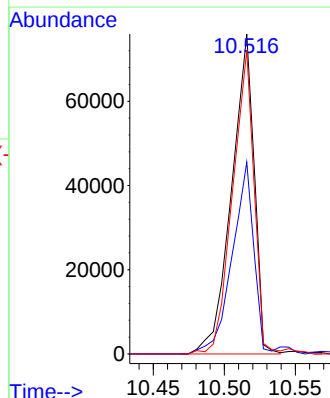
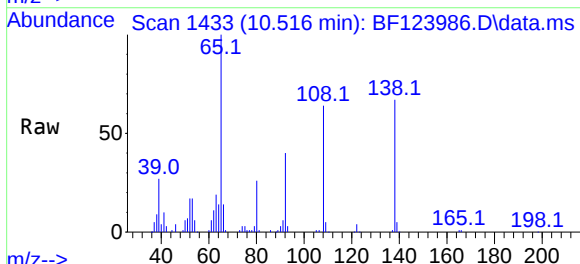
Manual Integrations
APPROVED

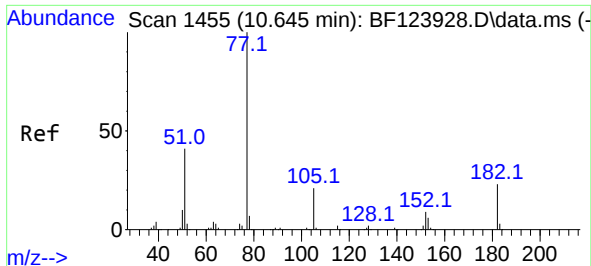
mohammad
5/20/2021 11:34:43 AM



#62
4-Nitroaniline
Concen: 38.50 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

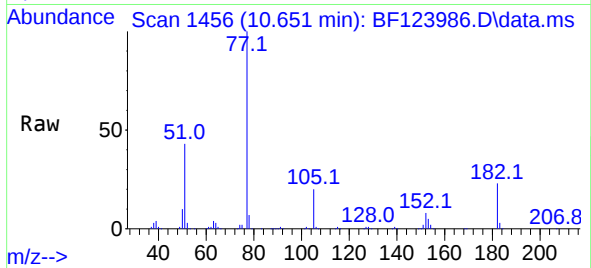
Tgt Ion:138 Resp: 84125
Ion Ratio Lower Upper
138 100
92 59.9 35.8 75.8
108 95.0 63.6 103.6





#63
Azobenzene
Concen: 35.35 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

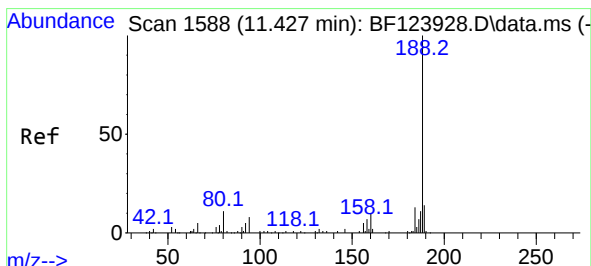
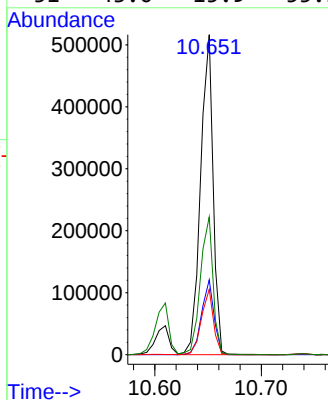
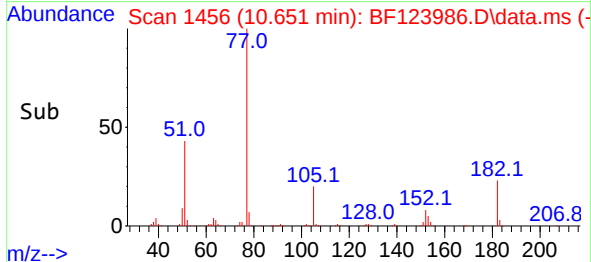
Instrument :
BNA_F
ClientSampled :
PB136517BS



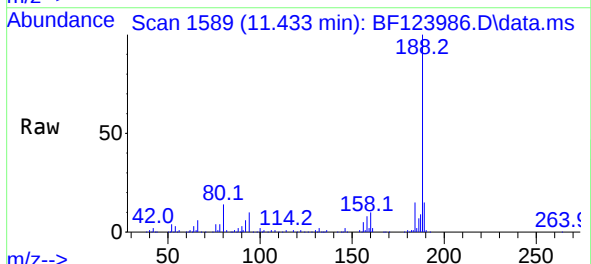
Tgt Ion:	77	Resp:	425661
Ion Ratio	100	Lower	Upper
182	23.4	1.7	41.7
105	20.4	1.7	41.7
51	43.0	15.9	55.9

Manual Integrations
APPROVED

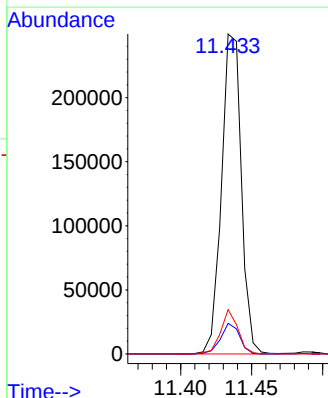
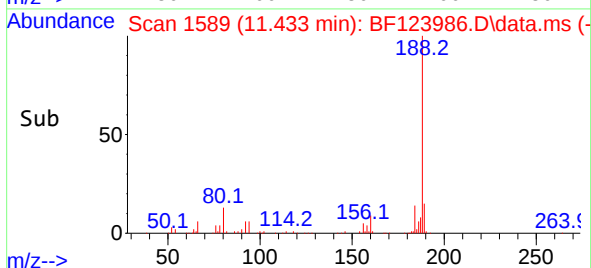
mohammad
5/20/2021 11:34:43 AM

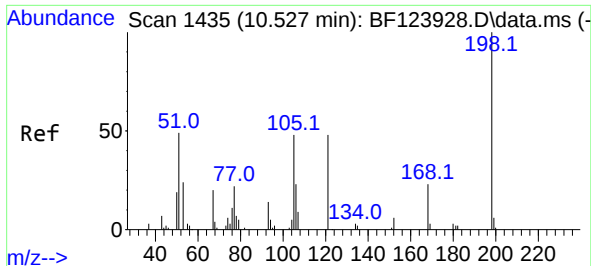


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion:	188	Resp:	242218
Ion Ratio	100	Lower	Upper
94	9.5	6.9	10.3
80	13.8	8.2	12.2





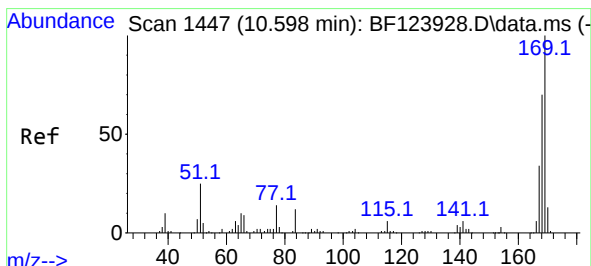
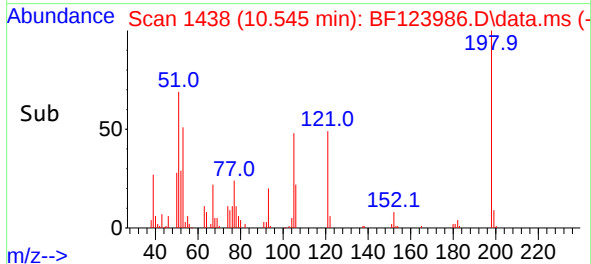
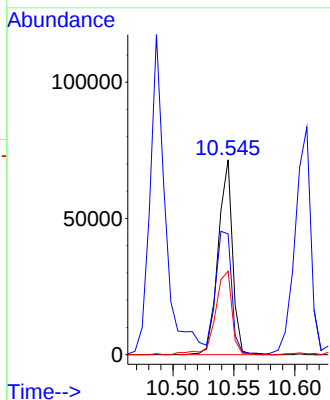
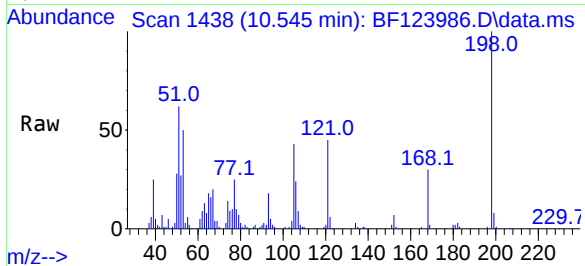
#65
4,6-Dinitro-2-methylphenol
Concen: 38.69 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:198 Resp: 58515
Ion Ratio Lower Upper
198 100
51 62.0 64.8 104.8#
105 42.9 42.6 82.6

Instrument :
BNA_F
ClientSampled :
PB136517BS

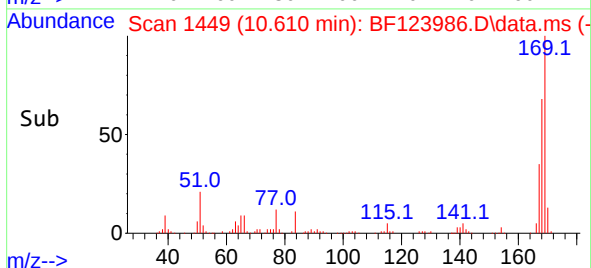
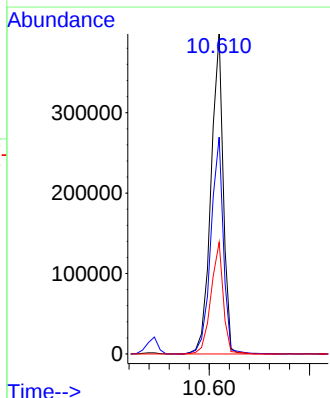
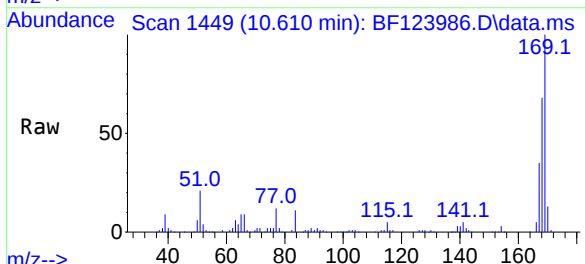
Manual Integrations
APPROVED

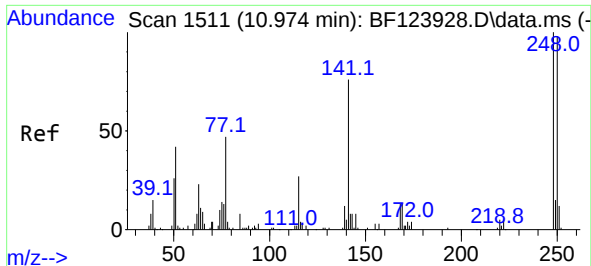
mohammad
5/20/2021 11:34:43 AM



#66
n-Nitrosodiphenylamine
Concen: 36.69 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

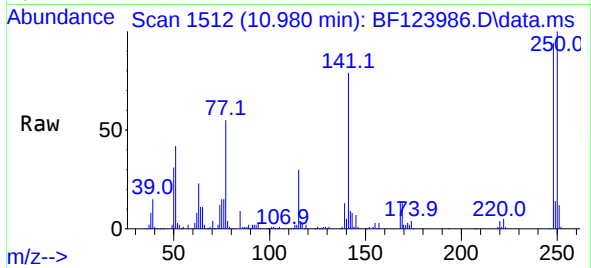
Tgt Ion:169 Resp: 339579
Ion Ratio Lower Upper
169 100
168 67.7 53.3 79.9
167 34.9 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 34.99 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

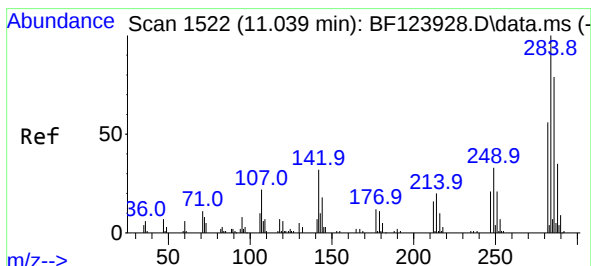
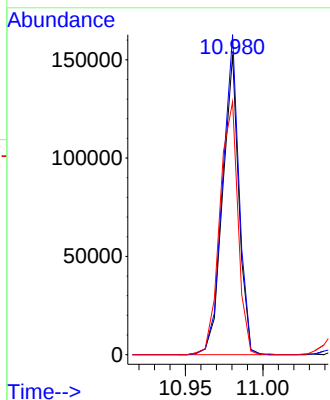
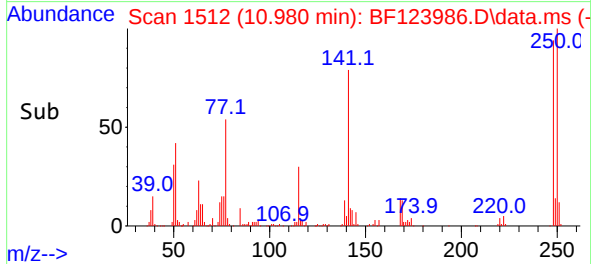
Instrument :
BNA_F
ClientSampled :
PB136517BS



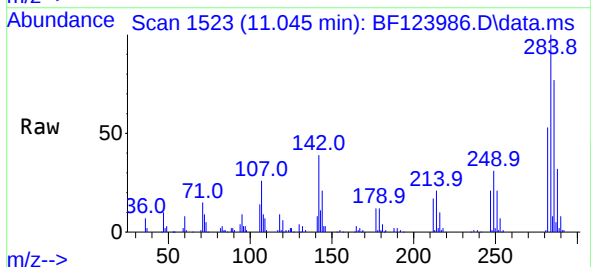
Tgt Ion:248 Resp: 111381
Ion Ratio Lower Upper
248 100
250 106.7 77.4 116.2
141 84.3 63.7 95.5

Manual Integrations
APPROVED

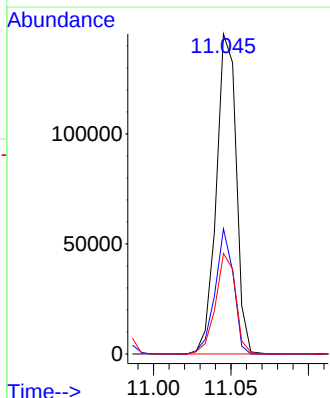
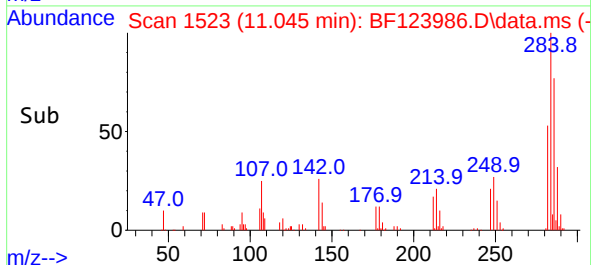
mohammad
5/20/2021 11:34:43 AM

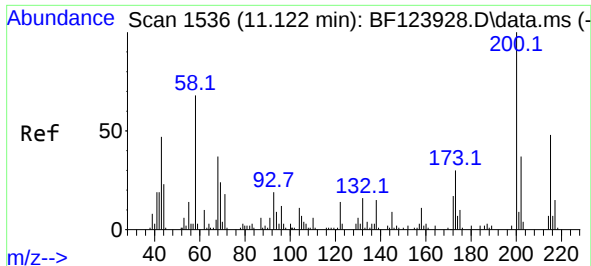


#68
Hexachlorobenzene
Concen: 36.56 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion:284 Resp: 129909
Ion Ratio Lower Upper
284 100
142 39.1 28.3 42.5
249 31.4 23.5 35.3





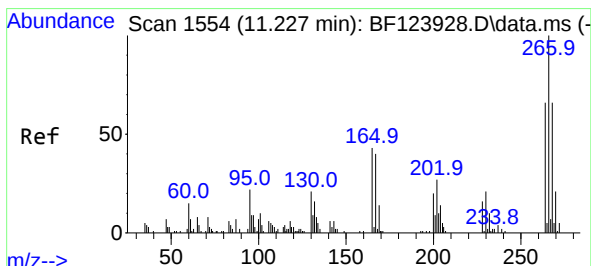
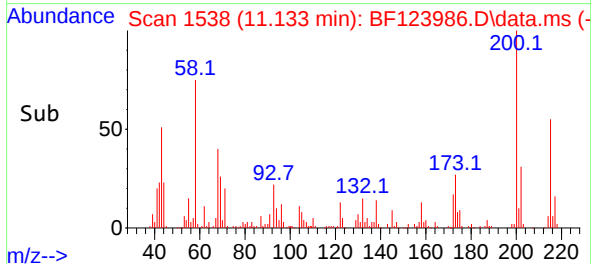
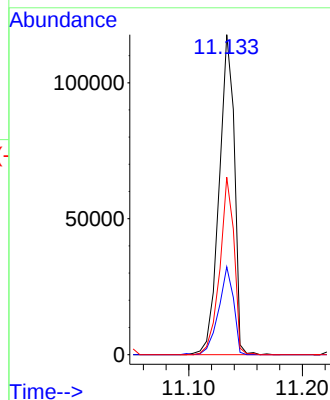
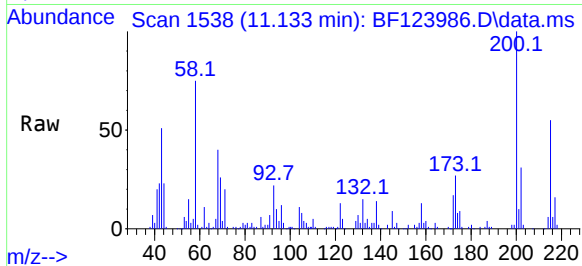
#69
Atrazine
Concen: 41.99 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:200 Resp: 109749
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 55.5 26.5 66.5

Instrument :
BNA_F
ClientSampled :
PB136517BS

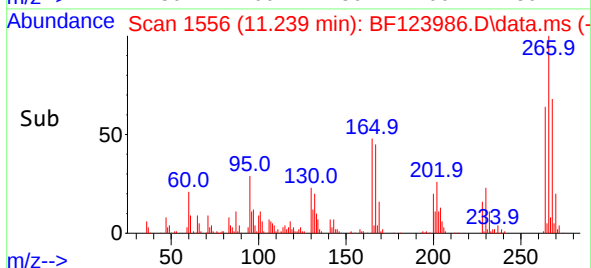
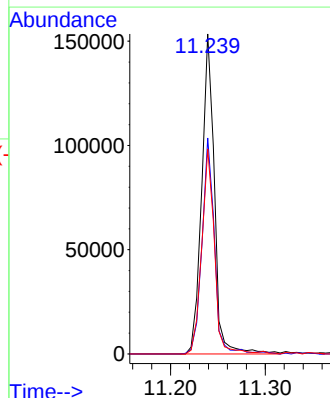
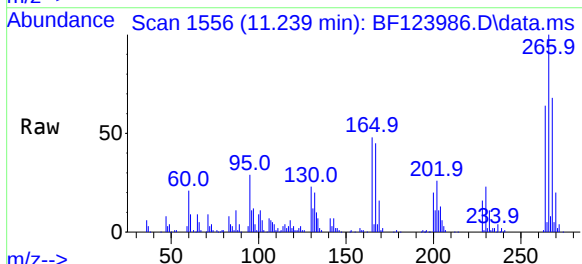
Manual Integrations
APPROVED

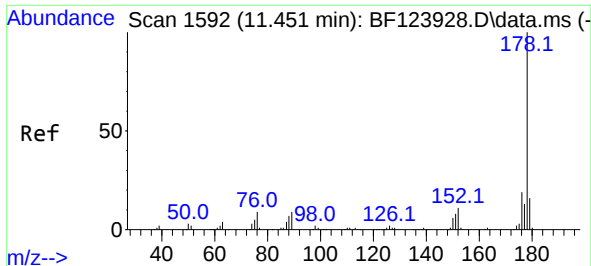
mohammad
5/20/2021 11:34:43 AM



#70
Pentachlorophenol
Concen: 67.71 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

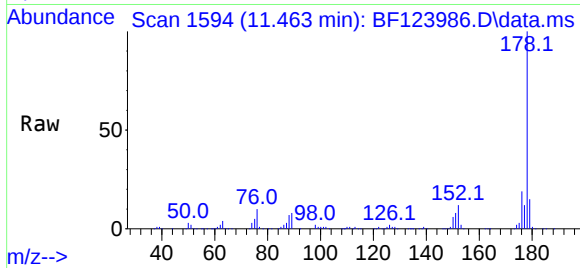
Tgt Ion:266 Resp: 142646
Ion Ratio Lower Upper
266 100
268 67.5 51.6 77.4
264 64.1 52.6 78.8





#71
Phenanthrene
Concen: 35.73 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

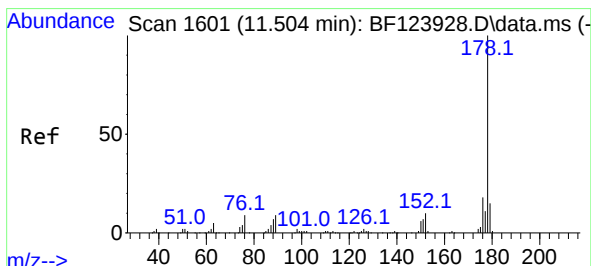
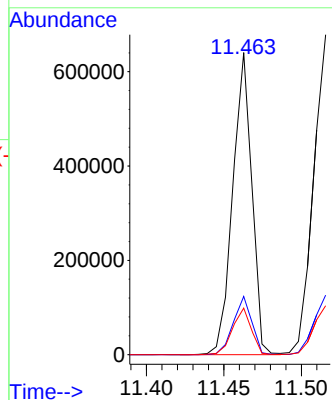
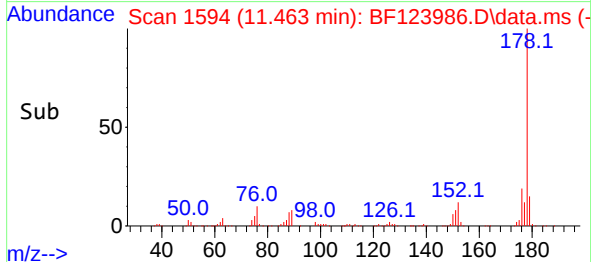
Instrument :
BNA_F
ClientSampleId :
PB136517BS



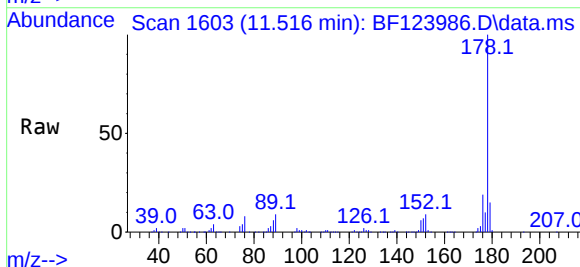
Tgt Ion:178 Resp: 548465
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.4 12.5 18.7

Manual Integrations
APPROVED

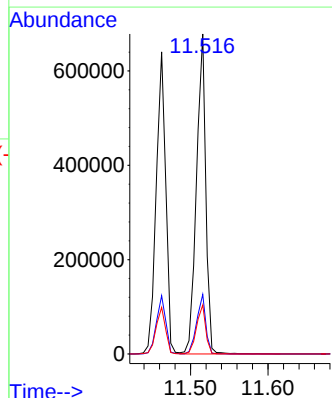
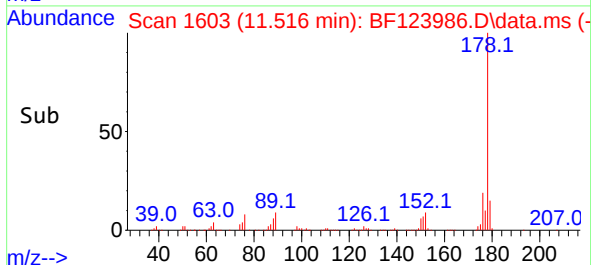
mohammad
5/20/2021 11:34:43 AM

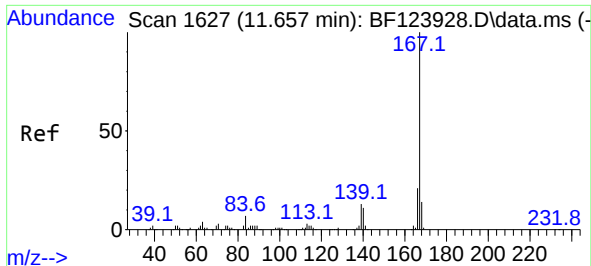


#72
Anthracene
Concen: 36.47 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



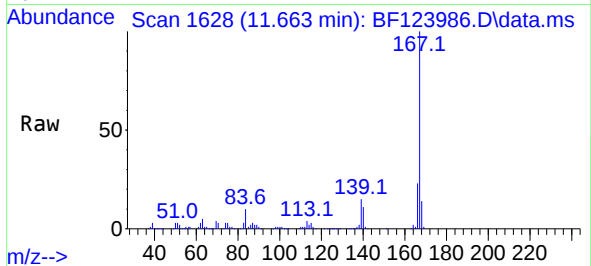
Tgt Ion:178 Resp: 567301
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 12.6 18.8





#73
Carbazole
Concen: 34.60 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

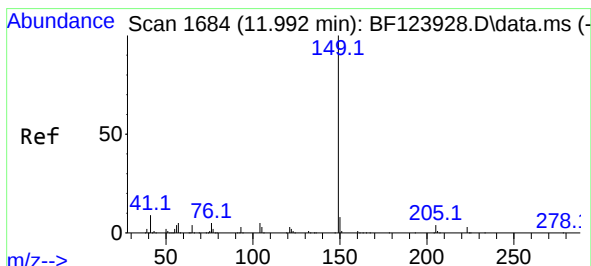
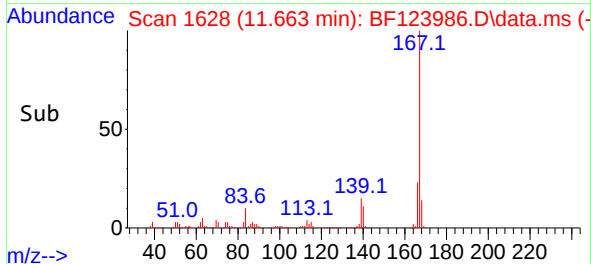
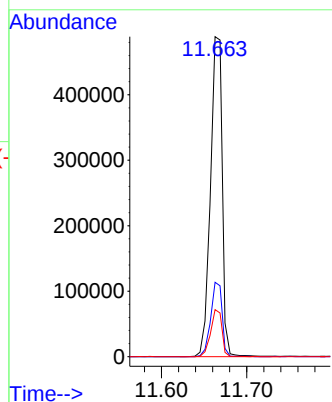
Instrument :
BNA_F
ClientSampleId :
PB136517BS



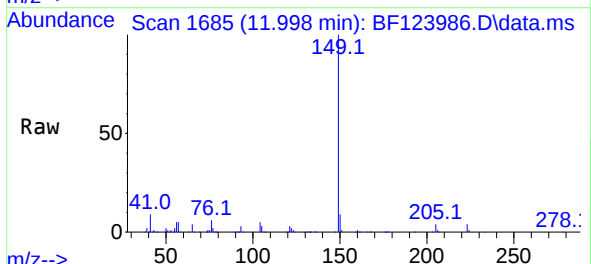
Tgt Ion:167 Resp: 470913
Ion Ratio Lower Upper
167 100
166 23.3 17.0 25.6
139 14.7 10.4 15.6

Manual Integrations
APPROVED

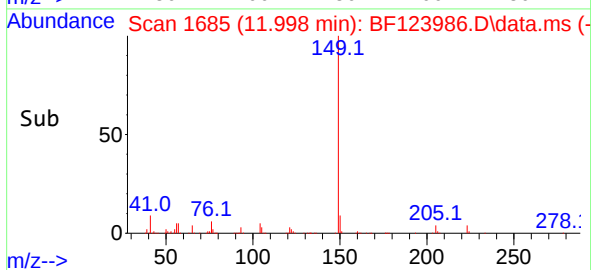
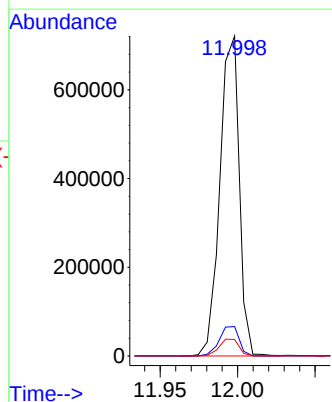
mohammad
5/20/2021 11:34:43 AM

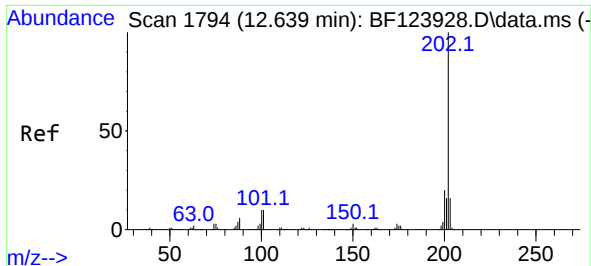


#74
Di-n-butylphthalate
Concen: 36.83 ng
RT: 11.998 min Scan# 1685
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

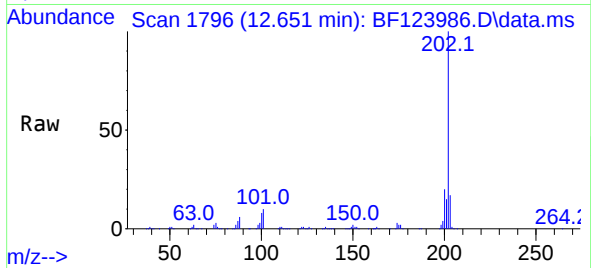


Tgt Ion:149 Resp: 627292
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.8
104 5.2 4.6 6.8

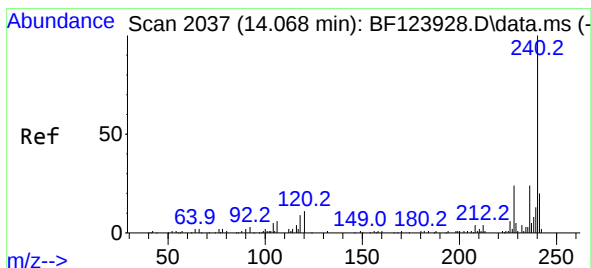
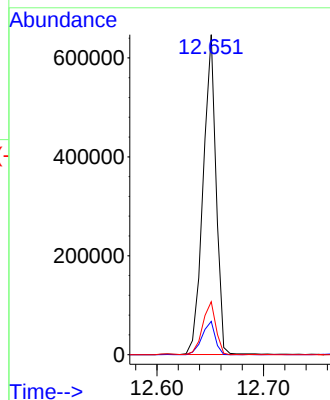
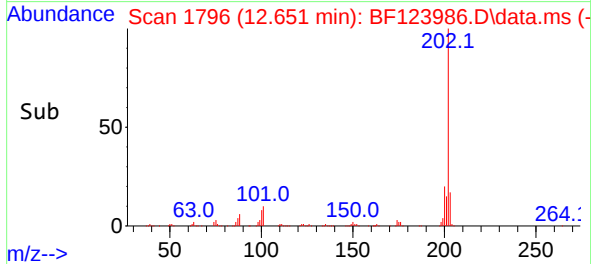




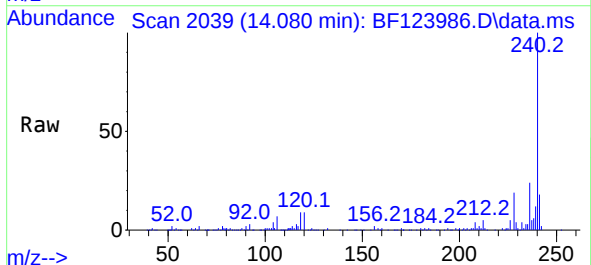
#75
Fluoranthene
Concen: 34.52 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



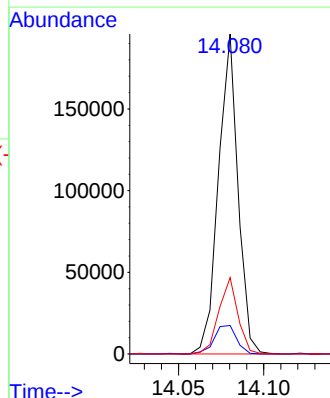
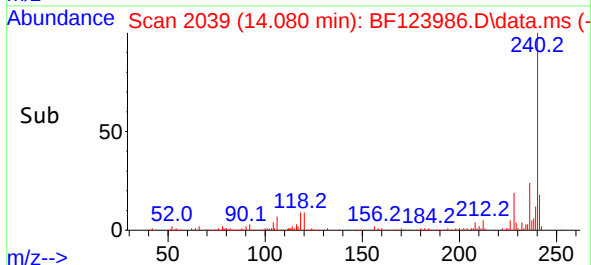
Tgt Ion:202 Resp: 548670
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.9
203 16.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



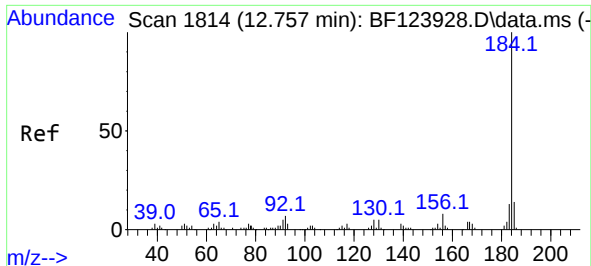
Tgt Ion:240 Resp: 156065
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.8 19.0 28.4



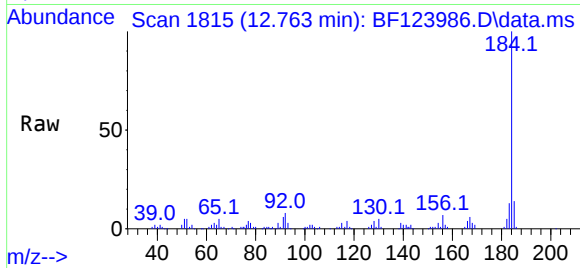
Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations
APPROVED

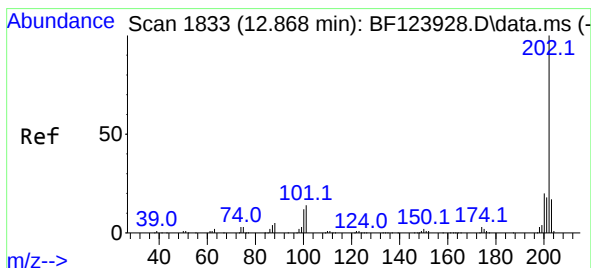
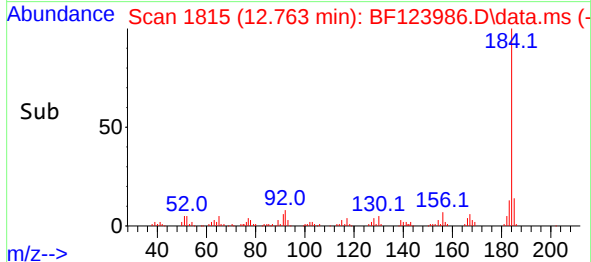
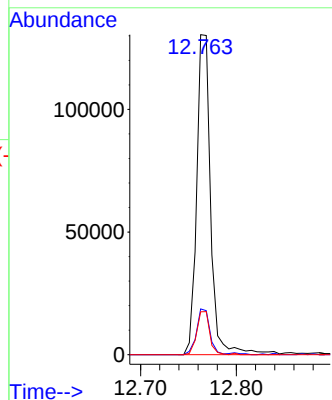
mohammad
5/20/2021 11:34:43 AM



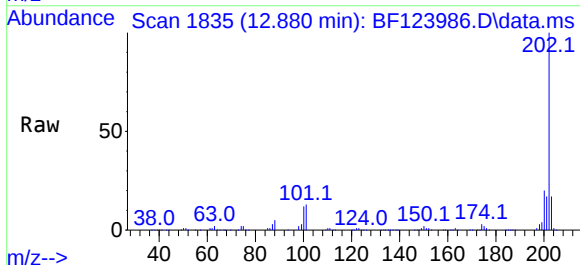
#77
Benzidine
Concen: 35.24 ng m
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



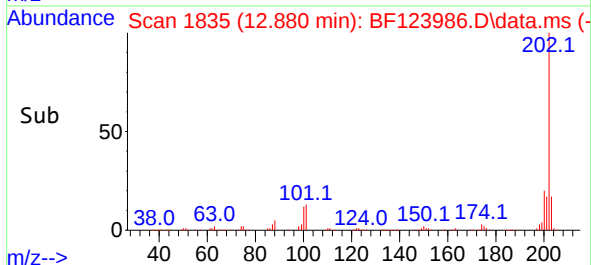
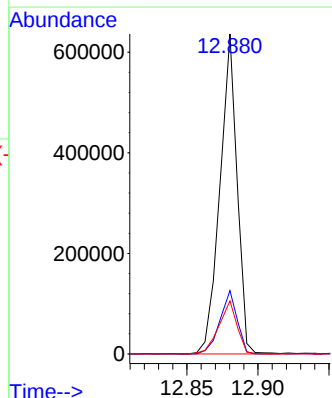
Tgt Ion:184 Resp: 132694
Ion Ratio Lower Upper
184 100
185 14.3 12.1 18.1
183 13.4 7.8 11.8#



#78
Pyrene
Concen: 38.63 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



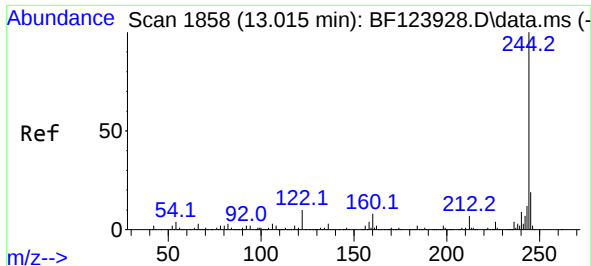
Tgt Ion:202 Resp: 535220
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 16.6 14.8 22.2



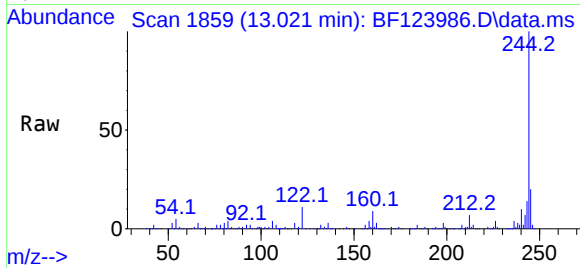
Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations
APPROVED

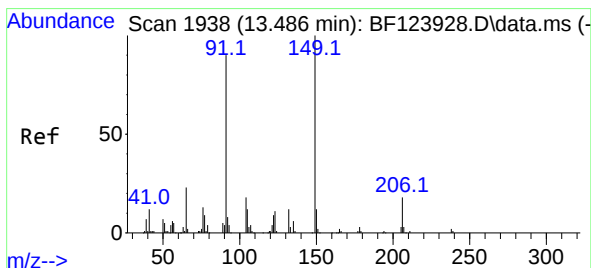
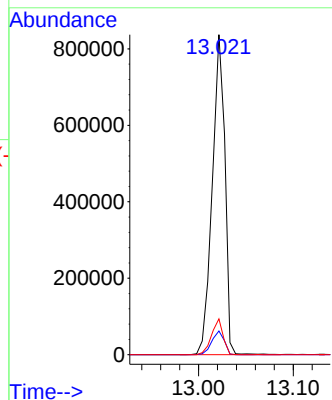
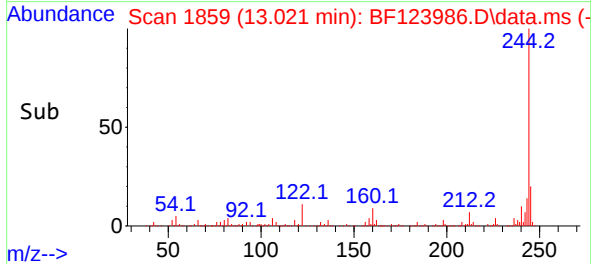
mohammad
5/20/2021 11:34:43 AM



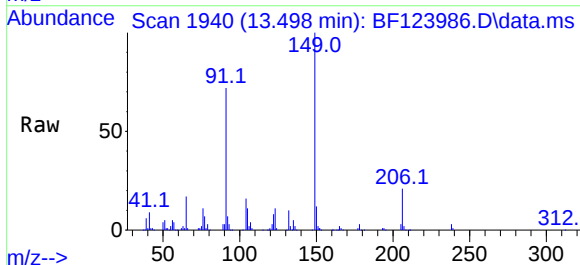
#79
Terphenyl-d14
Concen: 75.12 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



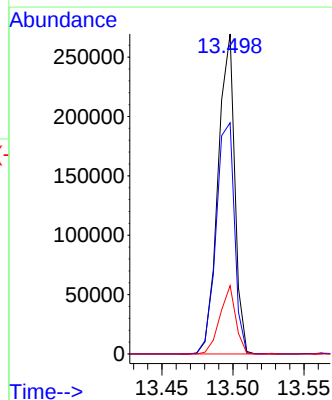
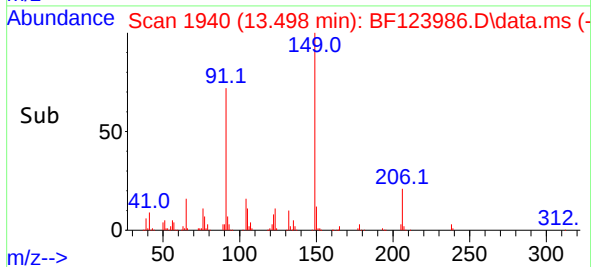
Tgt Ion:244 Resp: 774046
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.2 9.7 14.5



#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 13.498 min Scan# 1940
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



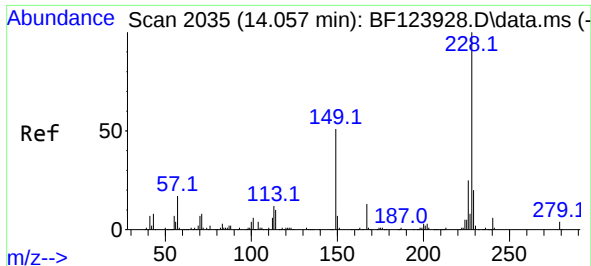
Tgt Ion:149 Resp: 220150
Ion Ratio Lower Upper
149 100
91 72.3 63.6 95.4
206 21.4 14.5 21.7



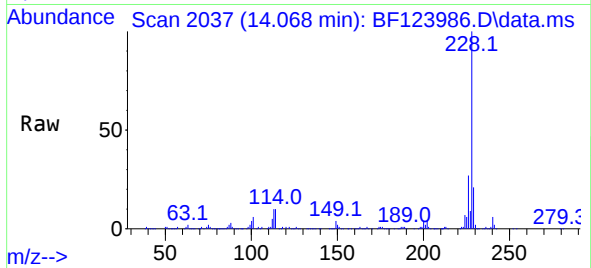
Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

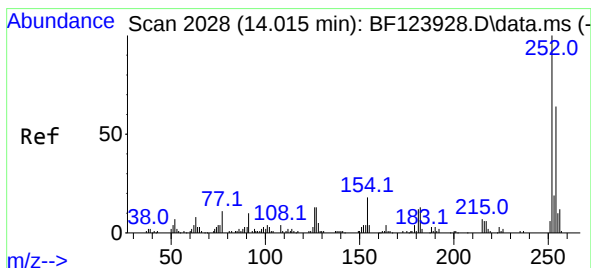
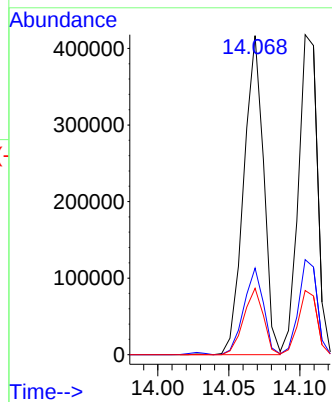
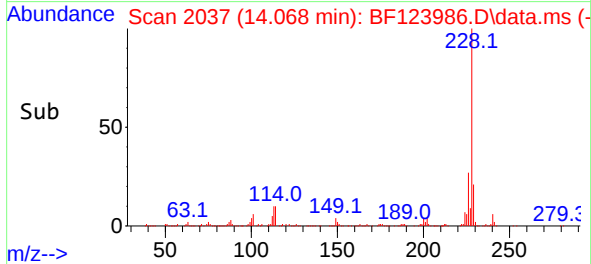
mohammad
5/20/2021 11:34:43 AM



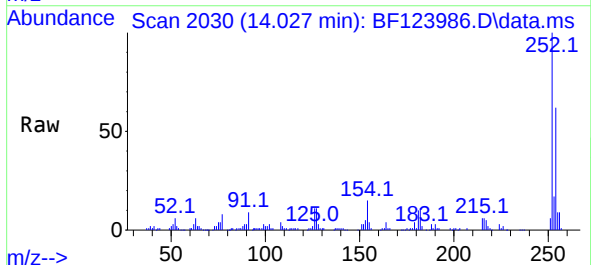
#81
Benzo(a)anthracene
Concen: 35.89 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



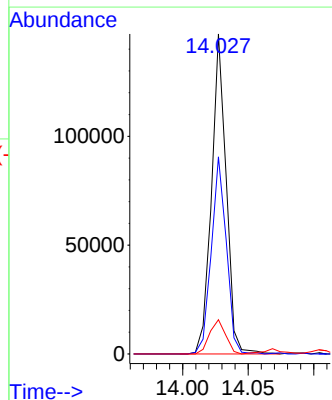
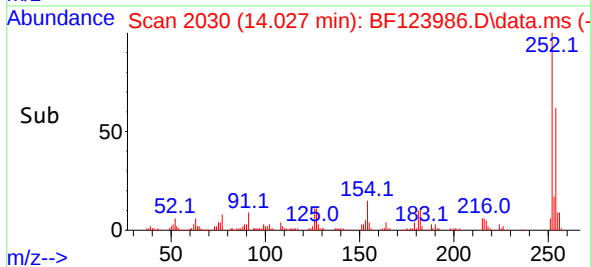
Tgt Ion:228 Resp: 405061
Ion Ratio Lower Upper
228 100
226 27.1 22.4 33.6
229 20.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 32.70 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



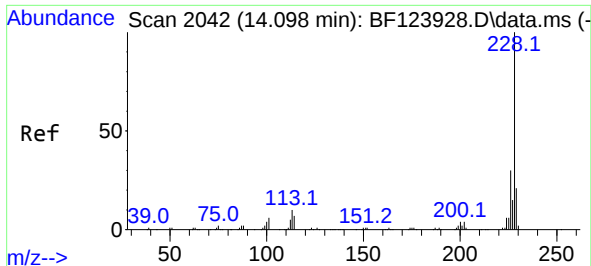
Tgt Ion:252 Resp: 114644
Ion Ratio Lower Upper
252 100
254 61.6 51.1 76.7
126 10.7 7.7 11.5



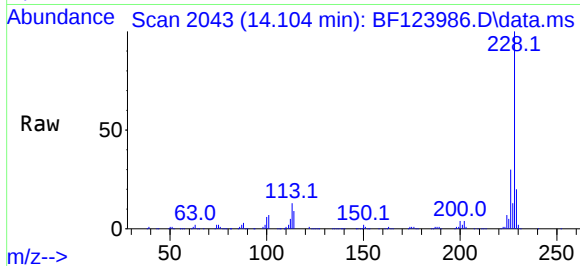
Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



#83
Chrysene
Concen: 35.85 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

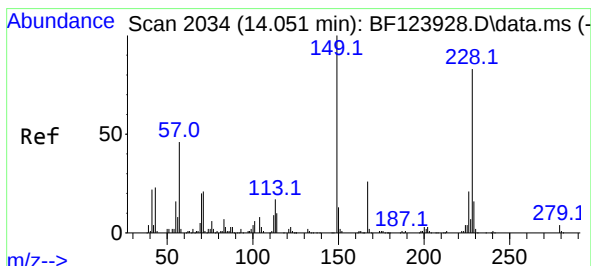
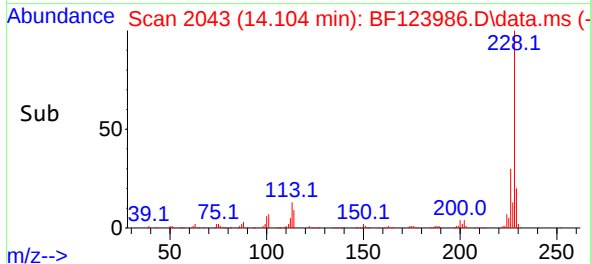
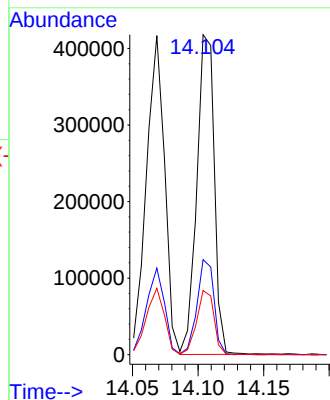


Tgt Ion:228 Resp: 389209
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 20.1 16.2 24.2

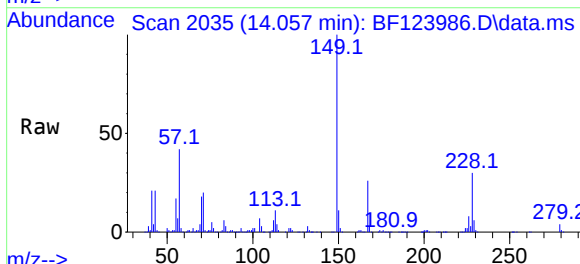
Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

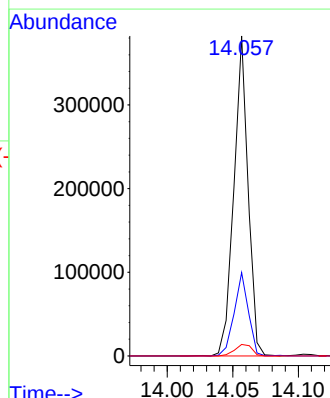
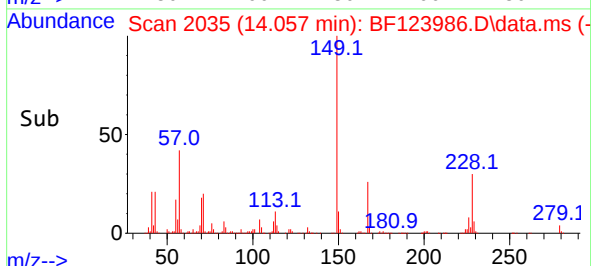
mohammad
5/20/2021 11:34:43 AM

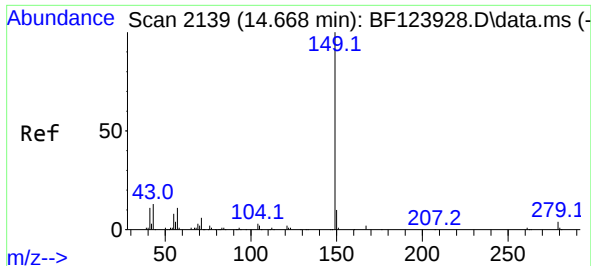


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.65 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

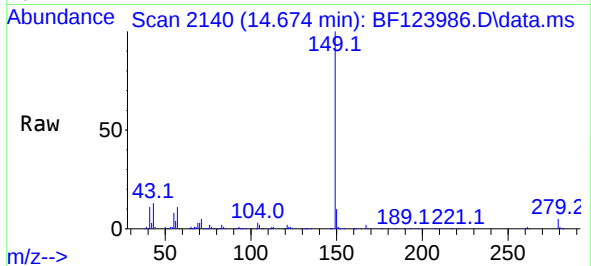


Tgt Ion:149 Resp: 288688
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.6
279 3.6 3.3 4.9

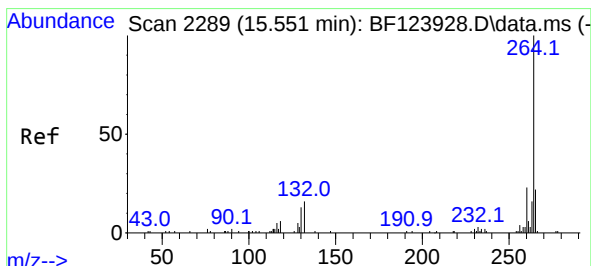
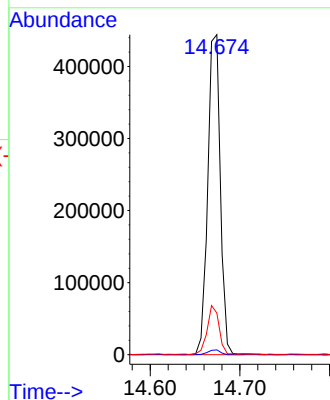
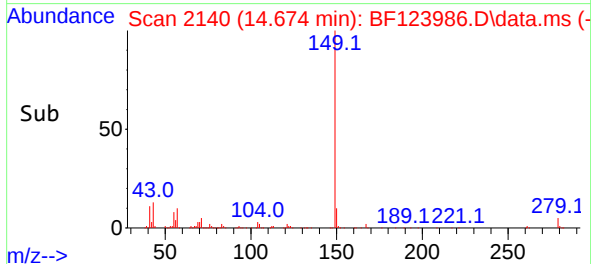




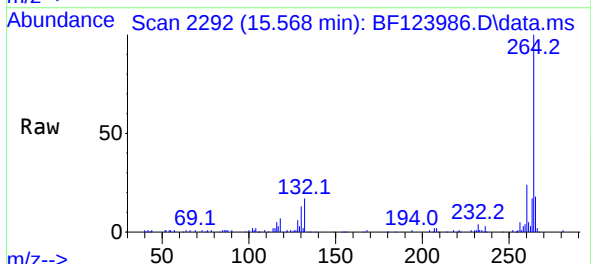
#85
Di-n-octyl phthalate
Concen: 37.26 ng
RT: 14.674 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



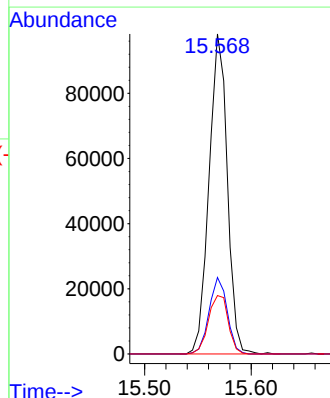
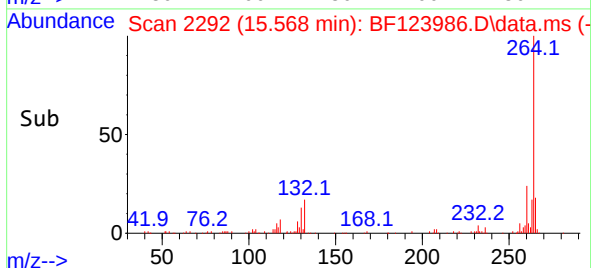
Tgt Ion:149 Resp: 431891
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.9 11.8 17.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



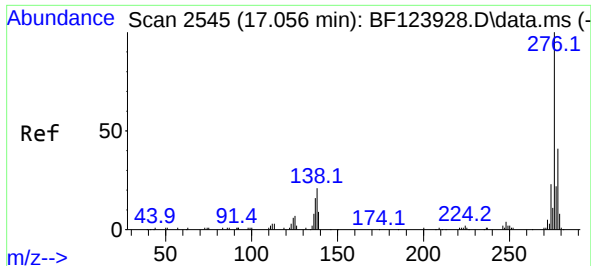
Tgt Ion:264 Resp: 116996
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 18.2 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
PB136517BS

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM



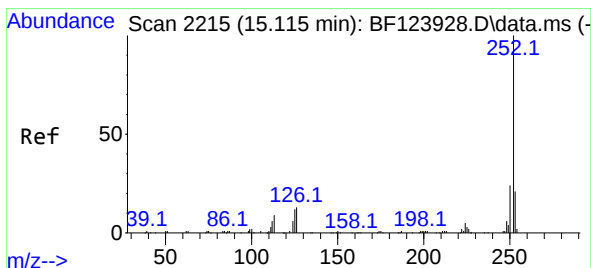
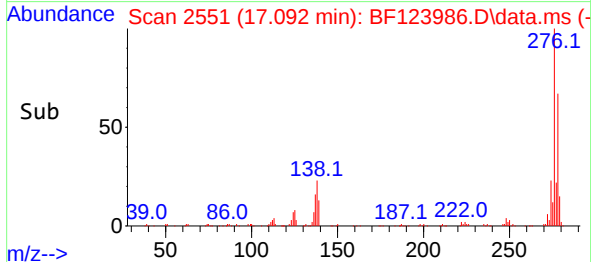
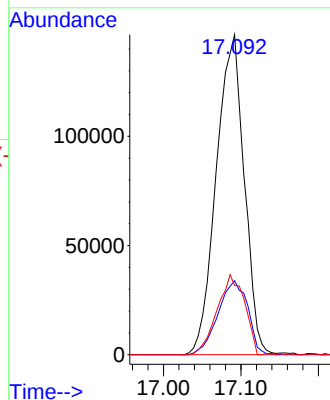
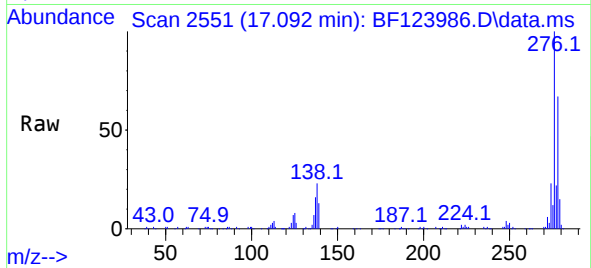
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.65 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.035 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:276 Resp: 367287
Ion Ratio Lower Upper
276 100
138 24.6 16.2 24.2#
277 24.6 20.1 30.1

Instrument :
BNA_F
ClientSampled :
PB136517BS

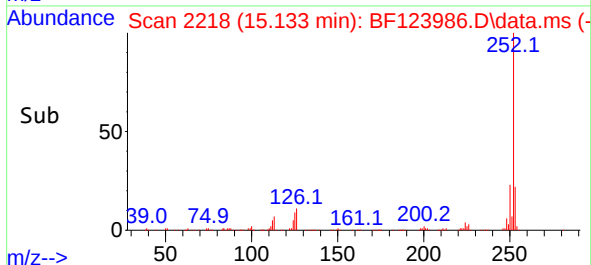
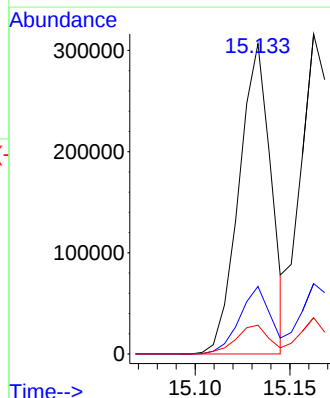
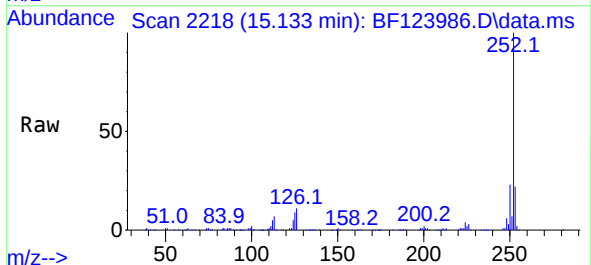
Manual Integrations
APPROVED

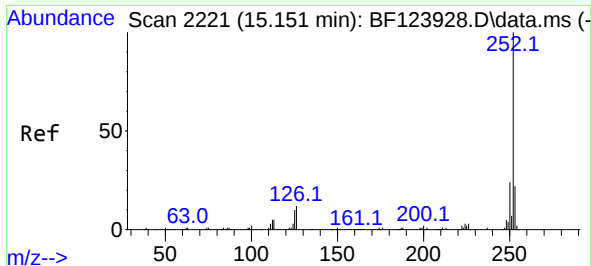
mohammad
5/20/2021 11:34:43 AM



#88
Benzo(b)fluoranthene
Concen: 39.92 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:252 Resp: 361294
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.3 6.2 9.4





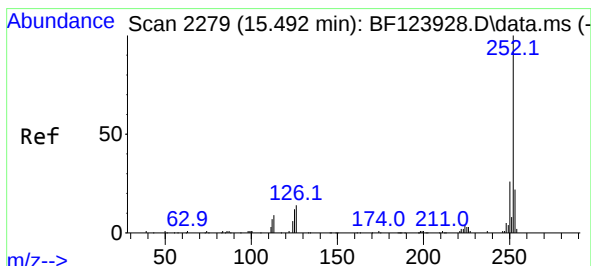
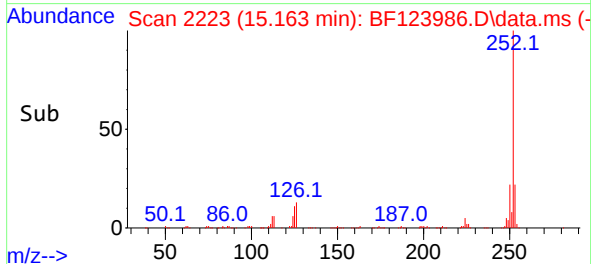
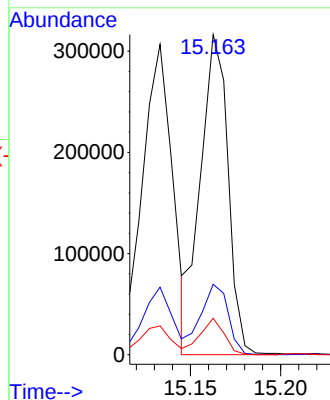
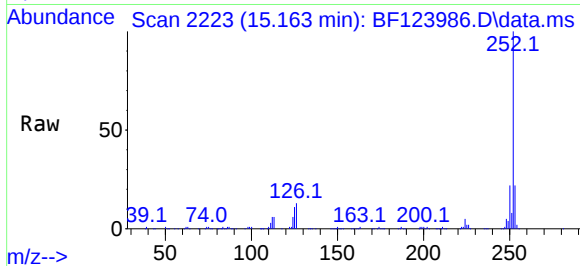
#89
Benzo(k)fluoranthene
Concen: 40.88 ng m
RT: 15.163 min Scan# 2223
Delta R.T. 0.012 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:252 Resp: 337154
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.3 7.0 10.6#

Instrument :
BNA_F
ClientSampled :
PB136517BS

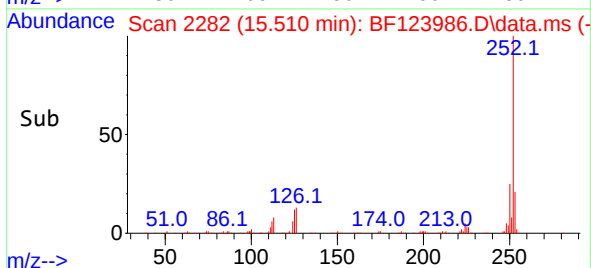
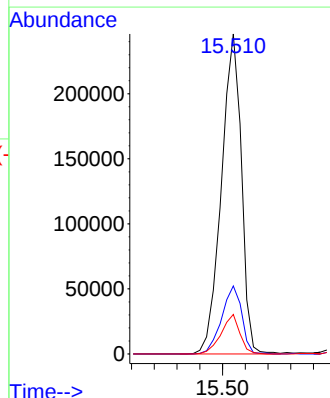
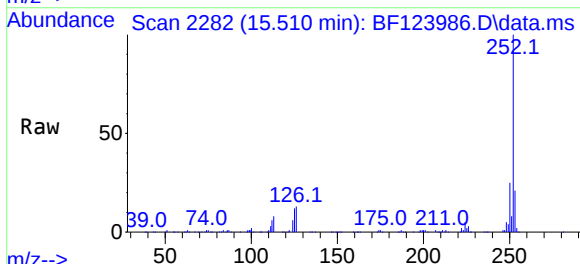
Manual Integrations
APPROVED

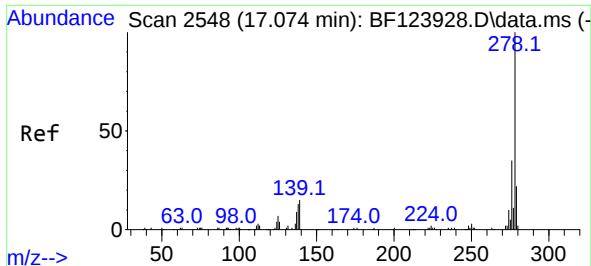
mohammad
5/20/2021 11:34:43 AM



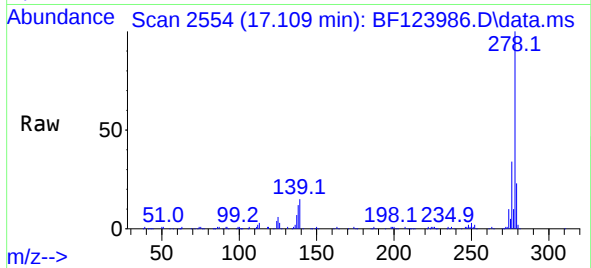
#90
Benzo(a)pyrene
Concen: 38.45 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45

Tgt Ion:252 Resp: 300845
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 12.4 8.0 12.0#

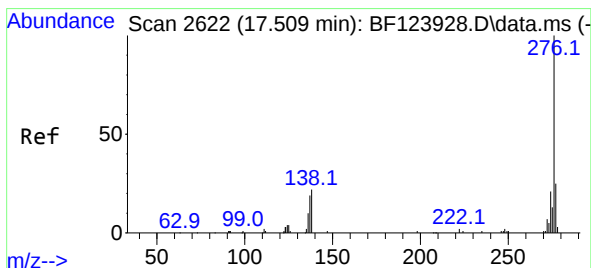
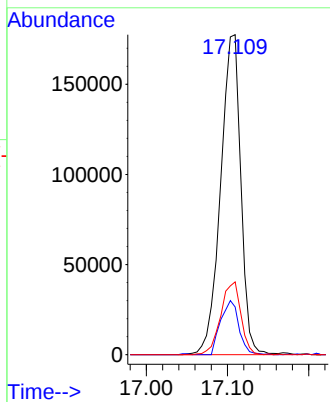
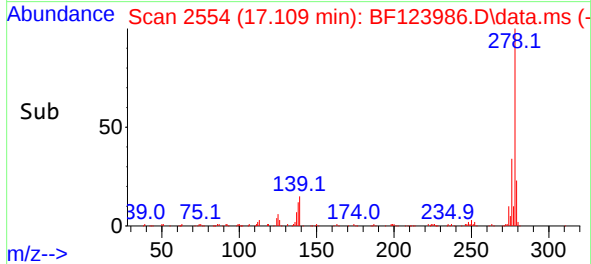




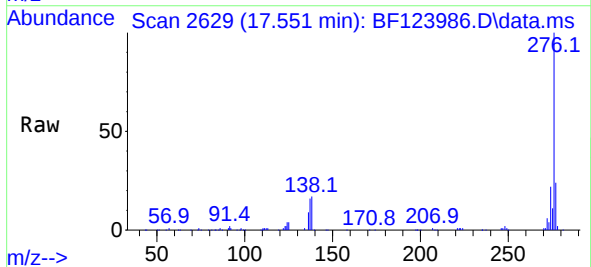
#91
Dibenzo(a,h)anthracene
Concen: 40.43 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.035 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



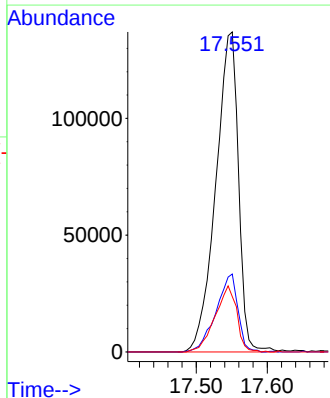
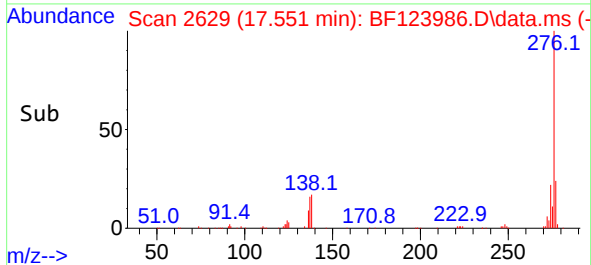
Tgt Ion: 278 Resp: 307680
Ion Ratio Lower Upper
278 100
139 14.9 10.2 15.2
279 22.7 19.4 29.0



#92
Benzo(g,h,i)perylene
Concen: 39.71 ng
RT: 17.551 min Scan# 2629
Delta R.T. 0.041 min
Lab File: BF123986.D
Acq: 19 May 2021 12:45



Tgt Ion: 276 Resp: 303047
Ion Ratio Lower Upper
276 100
277 24.4 18.2 27.2
138 17.3 13.8 20.6



Instrument :
BNA_F
ClientSampled :
PB136517BS

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:43 AM