

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123989.D
 Acq On : 19 May 2021 14:32
 Operator : JU/CG
 Sample : M2433-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPLDMSD

Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:34:50 AM

Quant Time: May 19 16:45:23 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	6.904	152	38156	20.00	ng	0.00
21) Naphthalene-d8	8.192	136	159449	20.00	ng	0.00
39) Acenaphthene-d10	9.945	164	94977	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	166132	20.00	ng	0.00
76) Chrysene-d12	14.074	240	111551	20.00	ng	0.00
86) Perylene-d12	15.568	264	100813	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	280375	103.17	ng	0.01
7) Phenol-d6	6.528	99	368943	104.65	ng	0.00
23) Nitrobenzene-d5	7.469	82	263207	71.12	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	120894	105.98	ng	0.01
45) 2-Fluorobiphenyl	9.269	172	473171	61.31	ng	0.00
79) Terphenyl-d14	13.016	244	461440	62.65	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	46589	39.04	ng	99
3) Pyridine	3.481	79	116029	37.67	ng	92
4) n-Nitrosodimethylamine	3.434	42	88778	44.37	ng	81
6) Aniline	6.563	93	83948	20.97	ng	89
8) 2-Chlorophenol	6.687	128	129495	45.79	ng	99
9) Benzaldehyde	6.451	77	103081	67.57	ng	89
10) Phenol	6.545	94	171000	47.99	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	121440	43.85	ng	99
12) 1,3-Dichlorobenzene	6.845	146	143200	43.46	ng	95
13) 1,4-Dichlorobenzene	6.922	146	147214	43.67	ng	96
14) 1,2-Dichlorobenzene	7.075	146	144442	45.86	ng	95
15) Benzyl Alcohol	7.045	79	139665	45.87	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.181	45	240533	43.15	ng	97
17) 2-Methylphenol	7.157	107	108172	47.17	ng	97
18) Hexachloroethane	7.422	117	54610	43.71	ng	# 86
19) n-Nitroso-di-n-propyla...	7.316	70	108575	45.58	ng	97
20) 3+4-Methylphenols	7.304	107	145934	48.31	ng	# 85
22) Acetophenone	7.316	105	189480	41.85	ng	# 97
24) Nitrobenzene	7.487	77	156856	41.45	ng	94
25) Isophorone	7.728	82	268848	37.76	ng	98
26) 2-Nitrophenol	7.804	139	71654	50.34	ng	96
27) 2,4-Dimethylphenol	7.839	122	121719	44.66	ng	89
28) bis(2-Chloroethoxy)met...	7.934	93	157407	43.97	ng	96
29) 2,4-Dichlorophenol	8.045	162	114697	41.58	ng	94
30) 1,2,4-Trichlorobenzene	8.134	180	122928	39.63	ng	98
31) Naphthalene	8.216	128	382703	40.56	ng	98
32) Benzoic acid	7.957	122	72142	48.23	ng	95
33) 4-Chloroaniline	8.257	127	14375	4.00	ng	95
34) Hexachlorobutadiene	8.328	225	77065	37.95	ng	94
35) Caprolactam	8.628	113	37575m	50.02	ng	
36) 4-Chloro-3-methylphenol	8.739	107	128787	42.69	ng	90
37) 2-Methylnaphthalene	8.904	142	261067	40.82	ng	96
38) 1-Methylnaphthalene	9.004	142	247421	41.46	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	133802	39.06	ng	98
41) Hexachlorocyclopentadiene	9.057	237	139178	63.88	ng	97
43) 2,4,6-Trichlorophenol	9.181	196	86210	38.79	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123989.D
 Acq On : 19 May 2021 14:32
 Operator : JU/CG
 Sample : M2433-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPLDMSD

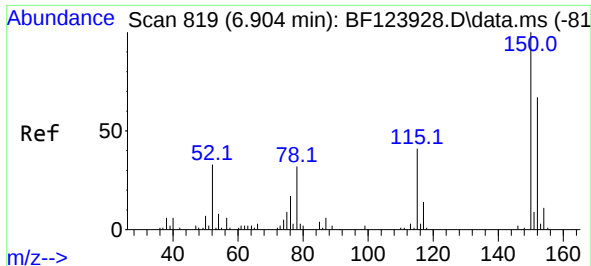
Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:34:50 AM

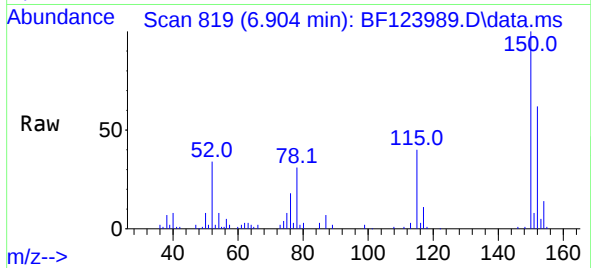
Quant Time: May 19 16:45:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	93208	40.37	ng	100
46) 1,1'-Biphenyl	9.369	154	332534	39.75	ng	99
47) 2-Chloronaphthalene	9.392	162	251977	37.92	ng	98
48) 2-Nitroaniline	9.486	65	104266	46.47	ng	94
49) Acenaphthylene	9.810	152	400482	40.79	ng	98
50) Dimethylphthalate	9.669	163	375671	49.53	ng	100
51) 2,6-Dinitrotoluene	9.728	165	70286	45.83	ng	89
52) Acenaphthene	9.980	154	297736	44.30	ng	94
53) 3-Nitroaniline	9.892	138	32185	21.12	ng	91
54) 2,4-Dinitrophenol	10.004	184	68320	82.61	ng	87
55) Dibenzofuran	10.157	168	376497	39.01	ng	97
56) 4-Nitrophenol	10.057	139	113596	90.10	ng	93
57) 2,4-Dinitrotoluene	10.133	165	93038	49.46	ng	# 94
58) Fluorene	10.498	166	294425	40.48	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.269	232	74345	39.15	ng	# 95
60) Diethylphthalate	10.369	149	309709	41.23	ng	95
61) 4-Chlorophenyl-phenyle...	10.486	204	144796	39.73	ng	97
62) 4-Nitroaniline	10.510	138	63072	41.60	ng	88
63) Azobenzene	10.645	77	322592	38.62	ng	92
65) 4,6-Dinitro-2-methylph...	10.539	198	44337	42.17	ng	78
66) n-Nitrosodiphenylamine	10.604	169	258801	40.77	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	88301	40.44	ng	# 87
68) Hexachlorobenzene	11.045	284	100995	41.44	ng	96
69) Atrazine	11.133	200	85383	47.62	ng	97
70) Pentachlorophenol	11.239	266	110342	76.36	ng	96
71) Phenanthrene	11.463	178	436810	41.49	ng	99
72) Anthracene	11.510	178	441786	41.41	ng	97
73) Carbazole	11.663	167	348792	37.37	ng	97
74) Di-n-butylphthalate	11.992	149	446324	38.21	ng	99
75) Fluoranthene	12.651	202	420393	38.56	ng	98
77) Benzidine	12.763	184	114274m	42.46	ng	
78) Pyrene	12.880	202	413848	41.79	ng	98
80) Butylbenzylphthalate	13.492	149	155866	40.13	ng	94
81) Benzo(a)anthracene	14.068	228	325822	40.39	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	44938	17.93	ng	# 95
83) Chrysene	14.104	228	307281	39.60	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	211205	38.54	ng	# 97
85) Di-n-octyl phthalate	14.668	149	337507	40.74	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	261136	33.54	ng	# 95
88) Benzo(b)fluoranthene	15.133	252	314539	40.33	ng	# 98
89) Benzo(k)fluoranthene	15.163	252	297323	41.83	ng	98
90) Benzo(a)pyrene	15.510	252	287377	42.63	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	216638	33.04	ng	# 97
92) Benzo(g,h,i)perylene	17.539	276	208608	31.73	ng	96

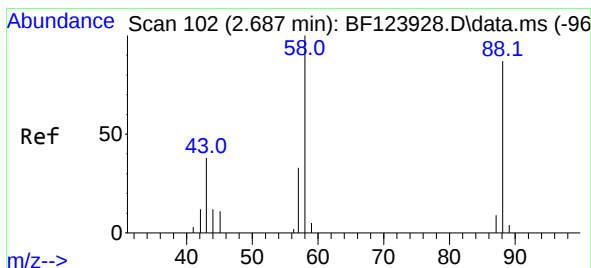
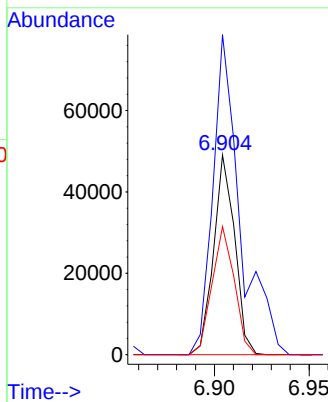
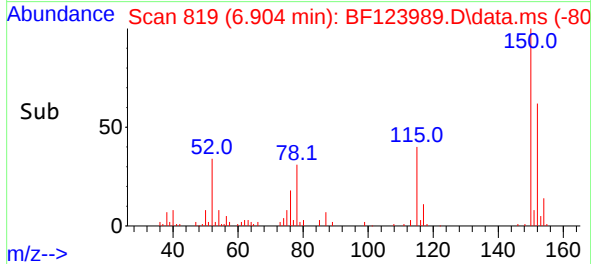
(#) = qualifier out of range (m) = manual integration (+) = signals summed



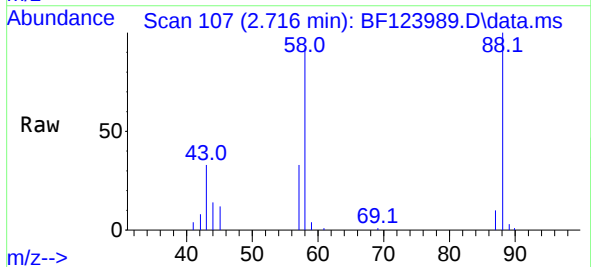
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



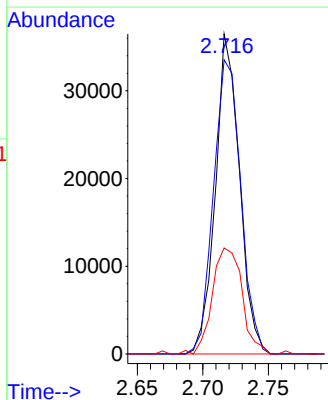
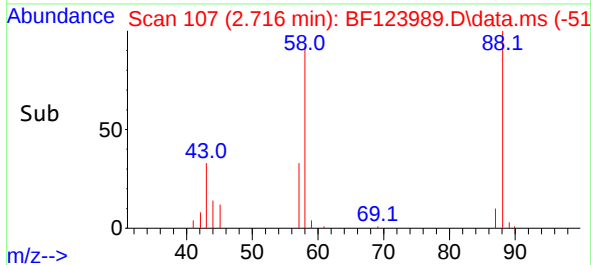
Tgt Ion:152 Resp: 38156
Ion Ratio Lower Upper
152 100
150 160.3 127.0 190.6
115 64.2 54.3 81.5



#2
1,4-Dioxane
Concen: 39.04 ng
RT: 2.716 min Scan# 107
Delta R.T. 0.029 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



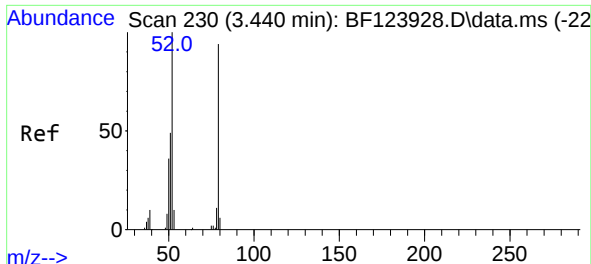
Tgt Ion: 88 Resp: 46589
Ion Ratio Lower Upper
88 100
58 104.0 83.8 125.8
43 40.9 32.2 48.4



Instrument :
BNA_F
ClientSampled :
GPLDMSD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



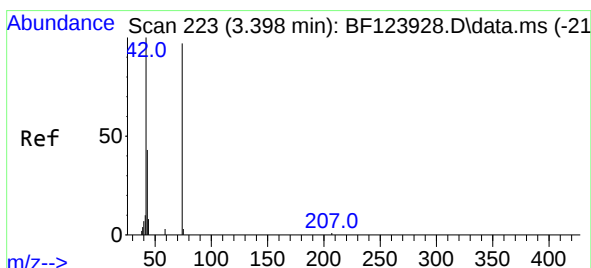
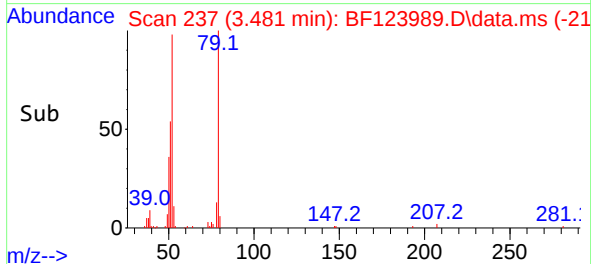
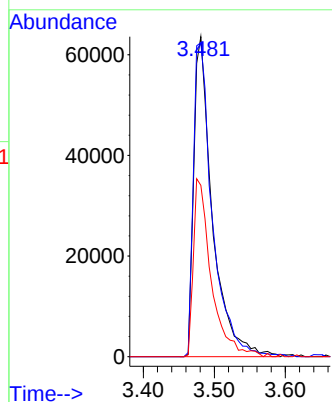
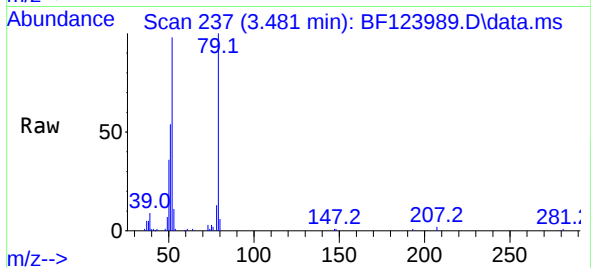
#3
Pyridine
Concen: 37.67 ng
RT: 3.481 min Scan# 237
Delta R.T. 0.041 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 79 Resp: 116029
Ion Ratio Lower Upper
79 100
52 98.1 87.4 131.0
51 53.5 41.4 62.0

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

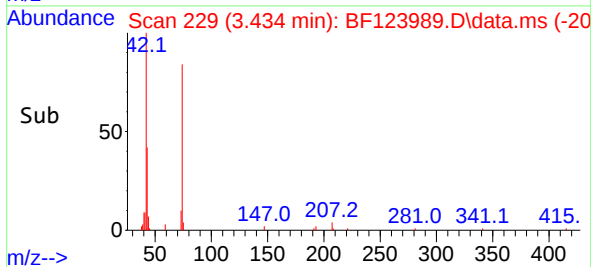
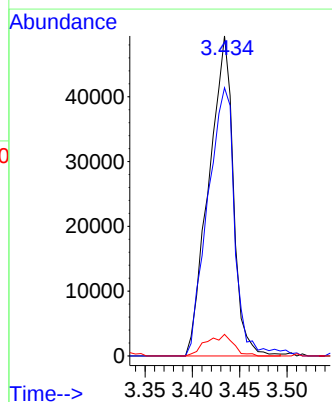
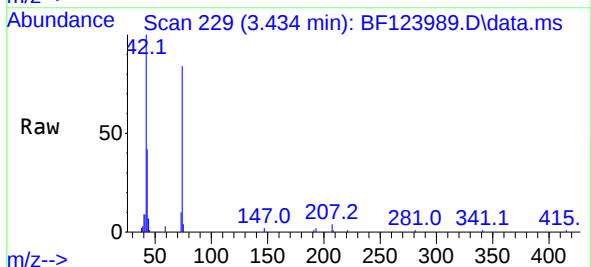
Manual Integrations
APPROVED

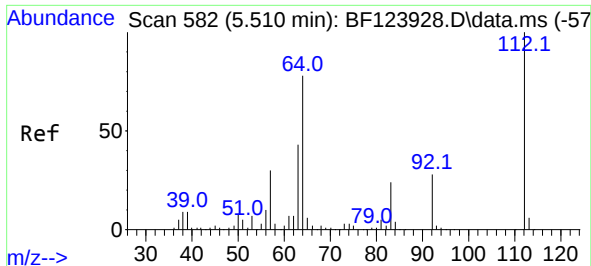
mohammad
5/20/2021 11:34:50 AM



#4
n-Nitrosodimethylamine
Concen: 44.37 ng
RT: 3.434 min Scan# 229
Delta R.T. 0.035 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 42 Resp: 88778
Ion Ratio Lower Upper
42 100
74 83.8 83.5 125.3
44 6.8 5.7 8.5





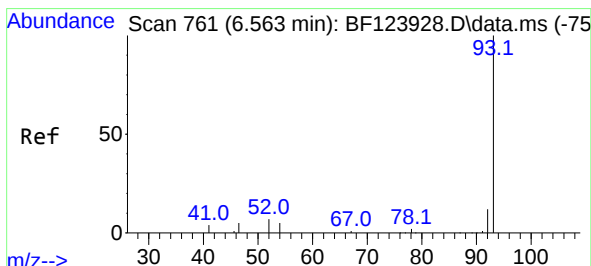
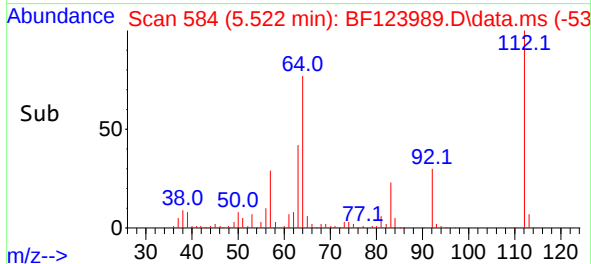
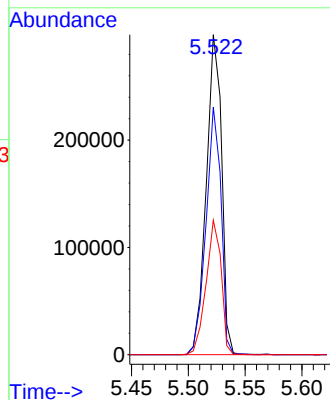
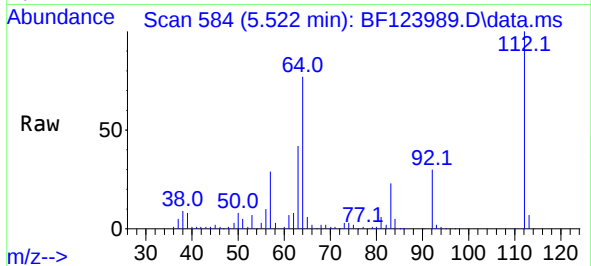
#5
2-Fluorophenol
Concen: 103.17 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 112 Resp: 280375
Ion Ratio Lower Upper
112 100
64 77.4 61.4 92.0
63 42.0 33.0 49.4

Instrument :
BNA_F
ClientSampled :
GPLDMSD

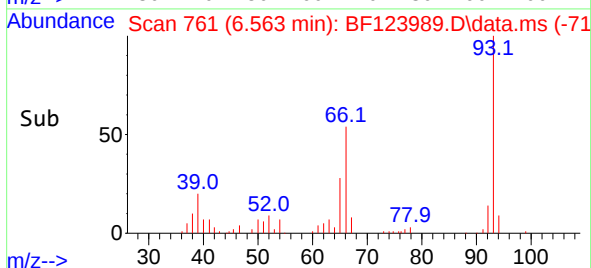
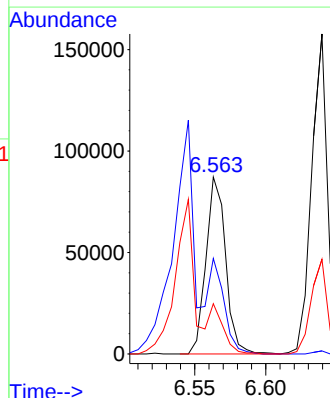
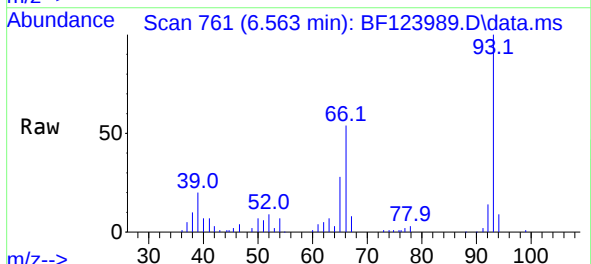
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM

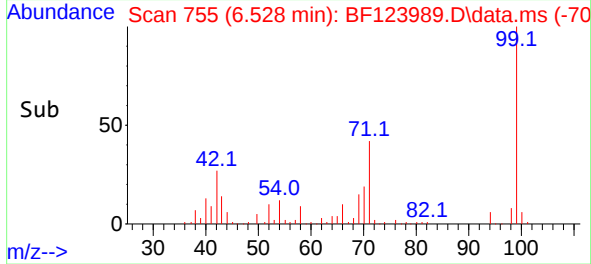
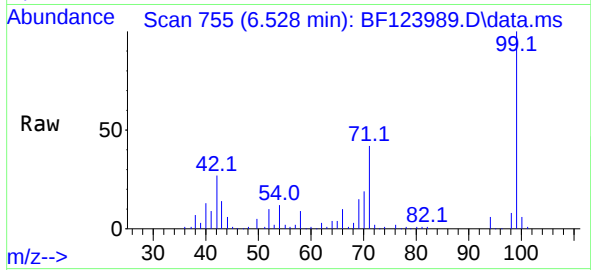
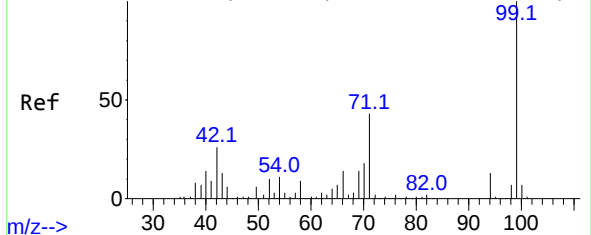


#6
Aniline
Concen: 20.97 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 93 Resp: 83948
Ion Ratio Lower Upper
93 100
66 54.0 36.4 54.6
65 28.4 19.4 29.0



Abundance Scan 754 (6.522 min): BF123928.D\data.ms (-74



#7

Phenol-d6

Concen: 104.65 ng

RT: 6.528 min Scan# 755

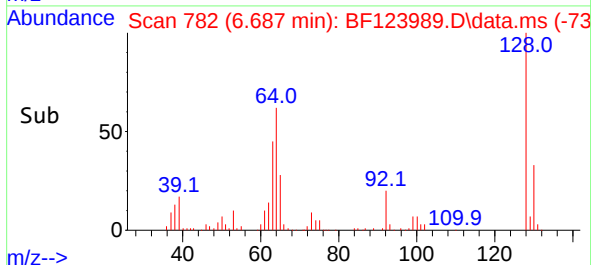
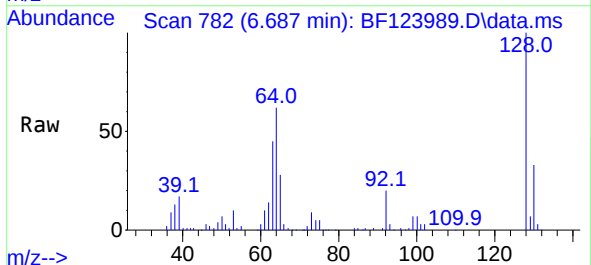
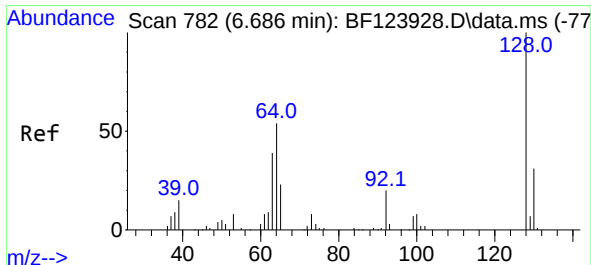
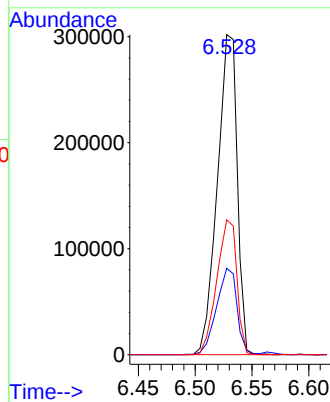
Delta R.T. 0.006 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

Tgt Ion: 99 Resp: 368943

Ion	Ratio	Lower	Upper
99	100		
42	27.0	19.8	29.8
71	42.1	31.1	46.7



#8

2-Chlorophenol

Concen: 45.79 ng

RT: 6.687 min Scan# 782

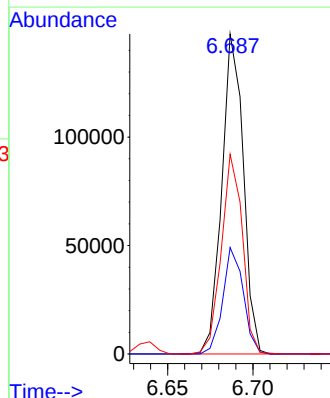
Delta R.T. 0.000 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

Tgt Ion: 128 Resp: 129495

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	62.4	41.5	81.5



Instrument :

BNA_F

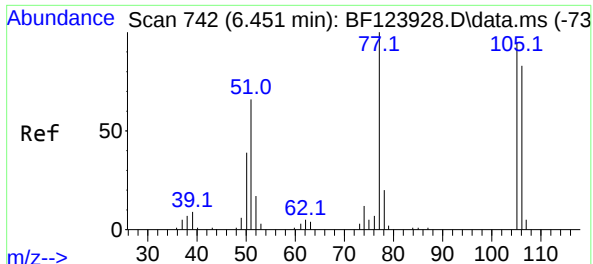
ClientSampled :

GPLDMSD

Manual Integrations

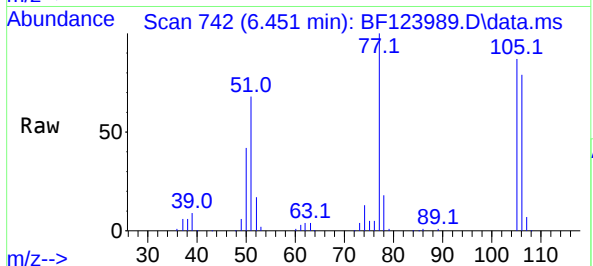
APPROVED

mohammad
5/20/2021 11:34:50 AM



#9
Benzaldehyde
Concen: 67.57 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

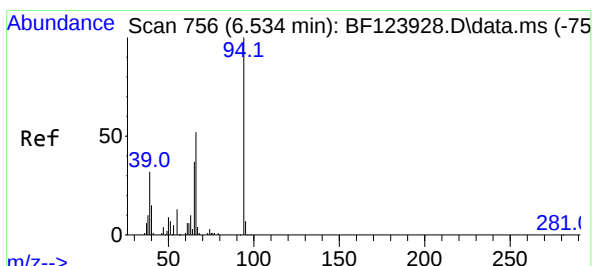
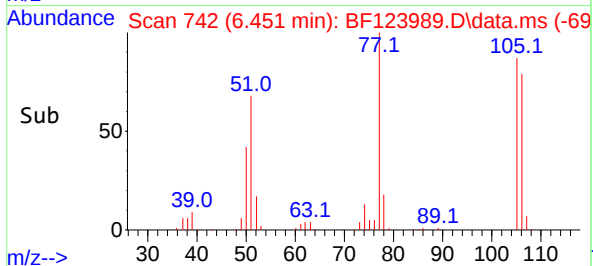
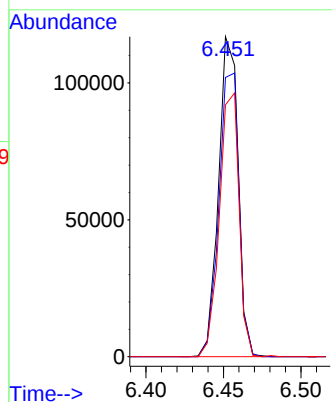
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



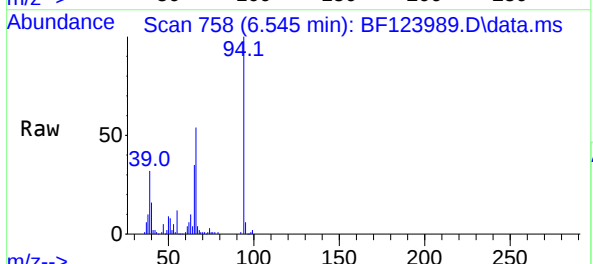
Tgt Ion: 77 Resp: 103081
Ion Ratio Lower Upper
77 100
105 87.2 75.2 115.2
106 78.7 71.6 111.6

Manual Integrations
APPROVED

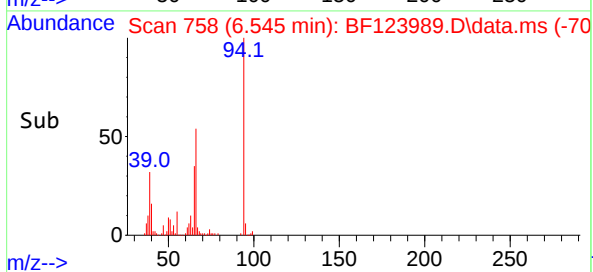
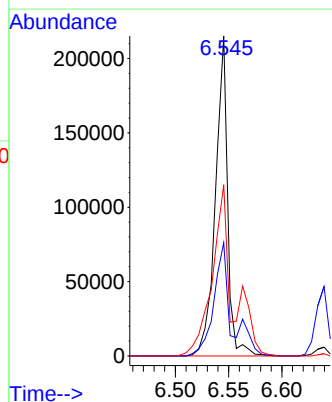
mohammad
5/20/2021 11:34:50 AM

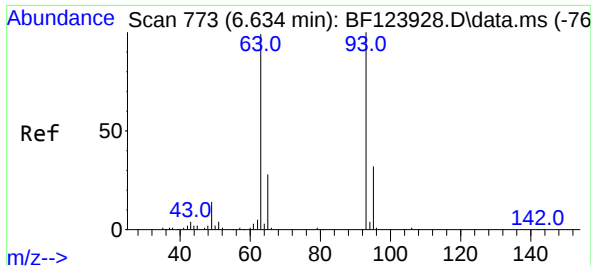


#10
Phenol
Concen: 47.99 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

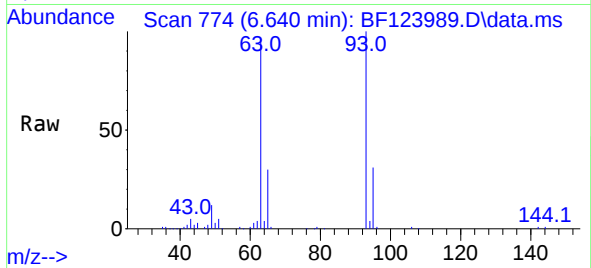


Tgt Ion: 94 Resp: 171000
Ion Ratio Lower Upper
94 100
65 35.4 18.1 58.1
66 53.5 29.0 69.0

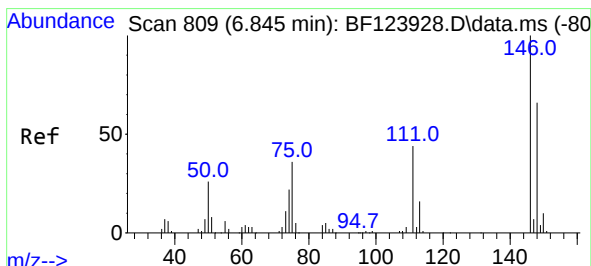
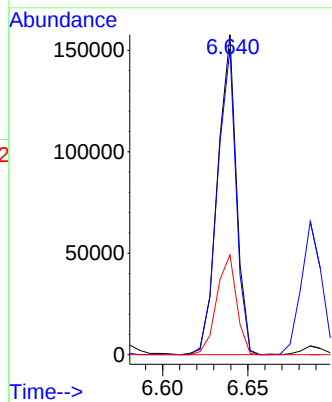
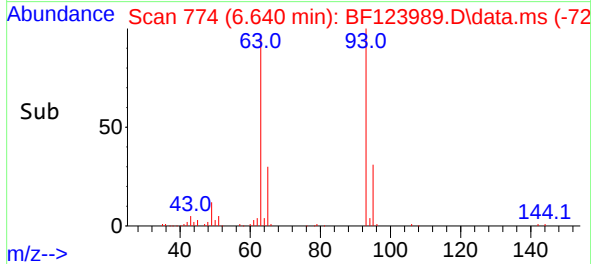




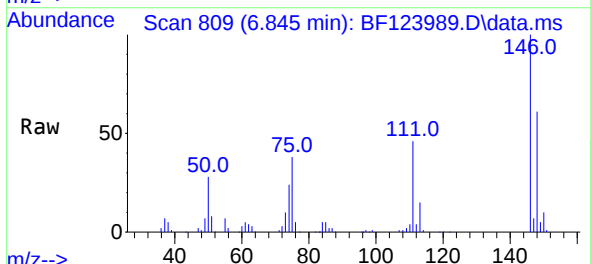
#11
bis(2-Chloroethyl)ether
Concen: 43.85 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



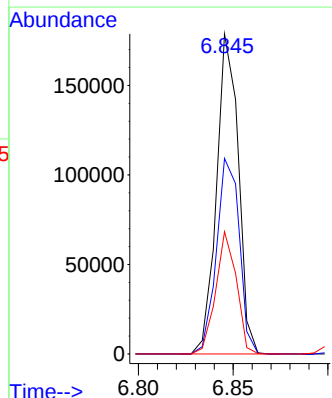
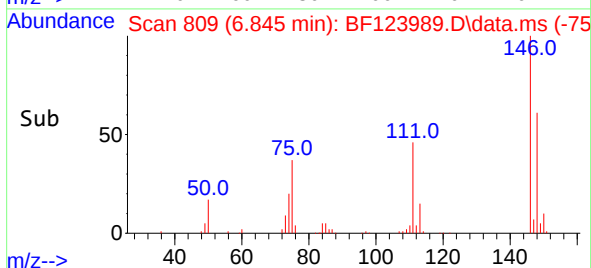
Tgt Ion: 93 Resp: 121440
Ion Ratio Lower Upper
93 100
63 95.6 76.1 116.1
95 31.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.46 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



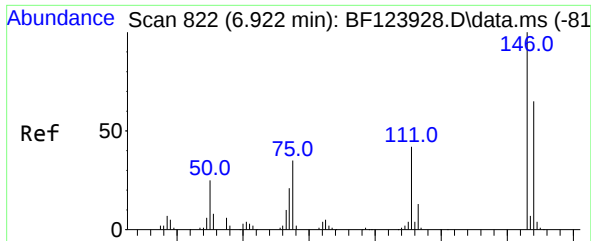
Tgt Ion: 146 Resp: 143200
Ion Ratio Lower Upper
146 100
148 61.1 50.9 76.3
75 38.2 34.2 51.4



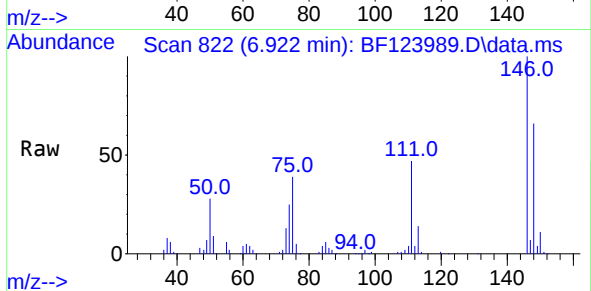
Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations
APPROVED

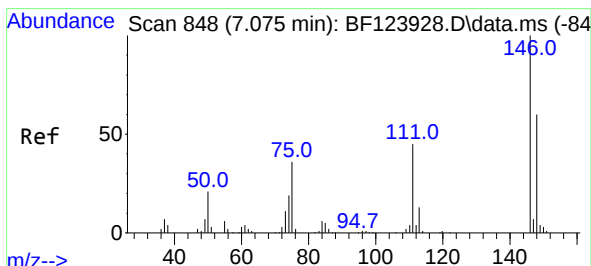
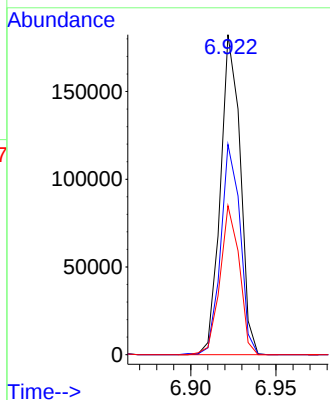
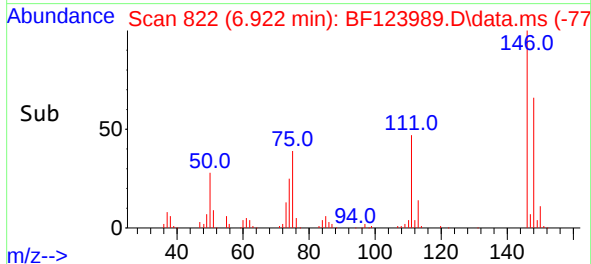
mohammad
5/20/2021 11:34:50 AM



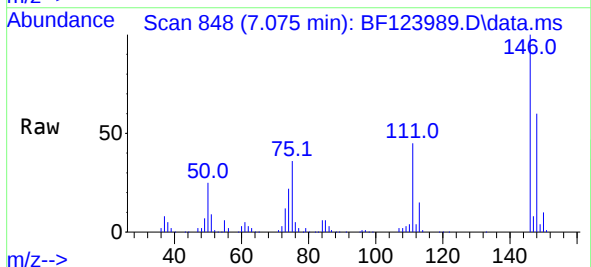
#13
1,4-Dichlorobenzene
Concen: 43.67 ng
RT: 6.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



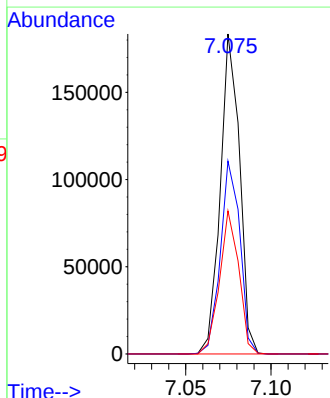
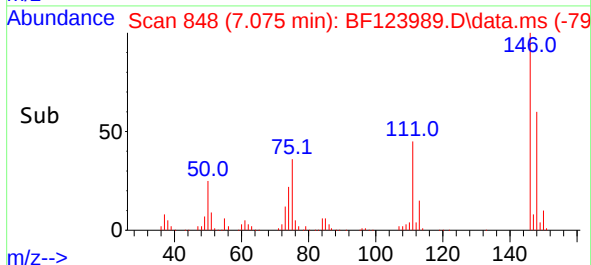
Tgt Ion:146 Resp: 147214
Ion Ratio Lower Upper
146 100
148 65.7 49.9 74.9
111 46.6 39.5 59.3



#14
1,2-Dichlorobenzene
Concen: 45.86 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



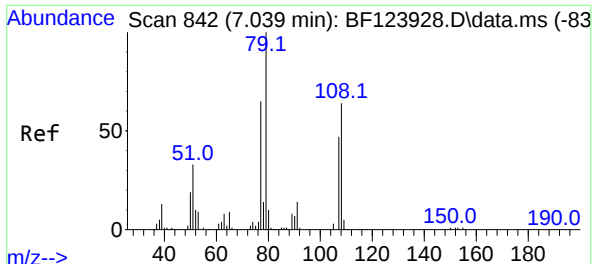
Tgt Ion:146 Resp: 144442
Ion Ratio Lower Upper
146 100
148 60.3 51.6 77.4
111 44.7 38.4 57.6



Instrument :
BNA_F
ClientSampled :
GPLDMSD

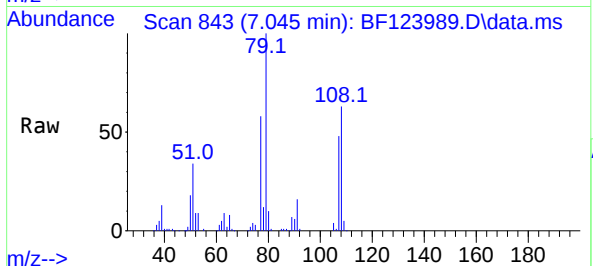
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



#15
Benzyl Alcohol
Concen: 45.87 ng
RT: 7.045 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

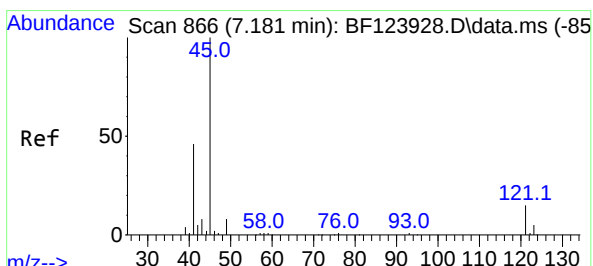
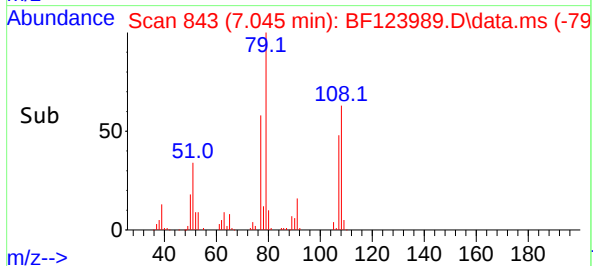
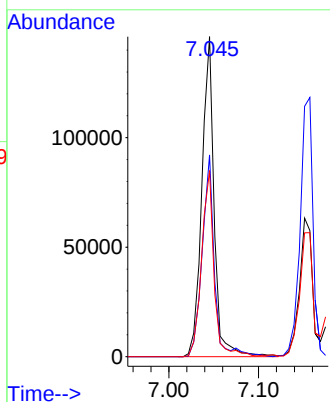
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



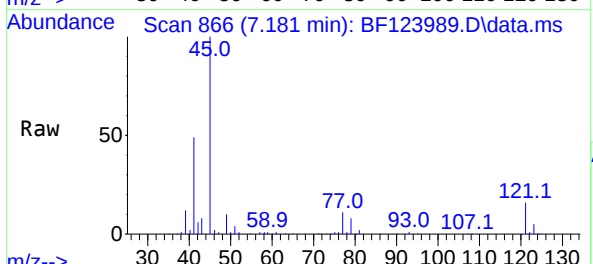
Tgt Ion: 79 Resp: 139665
Ion Ratio Lower Upper
79 100
108 63.1 55.8 83.8
77 58.2 49.9 74.9

Manual Integrations
APPROVED

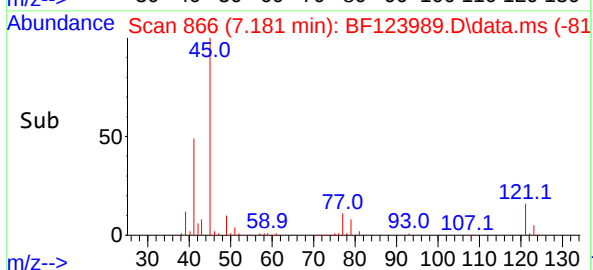
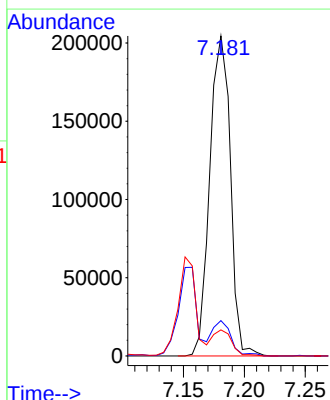
mohammad
5/20/2021 11:34:50 AM

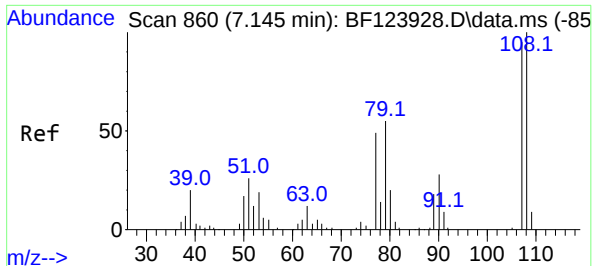


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.15 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



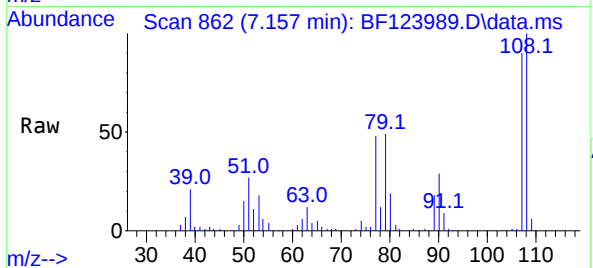
Tgt Ion: 45 Resp: 240533
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.0
79 8.1 0.0 27.3





#17
2-Methylphenol
Concen: 47.17 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

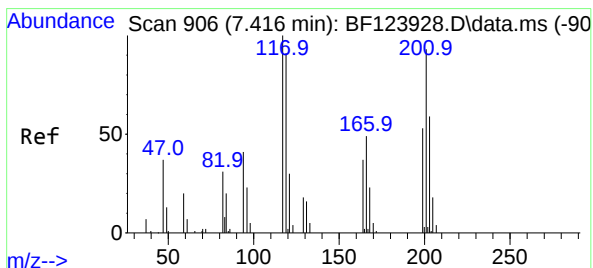
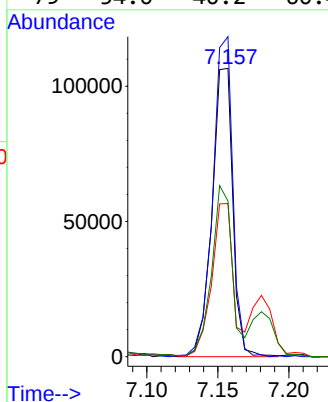
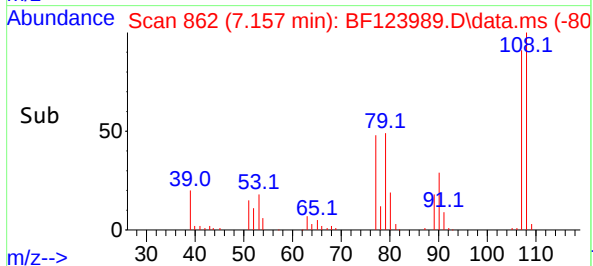
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



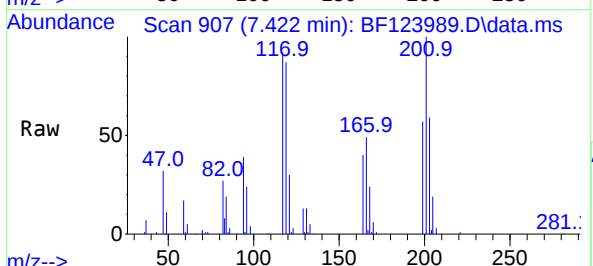
Tgt Ion:	107	Resp:	108172
Ion	Ratio	Lower	Upper
107	100		
108	111.0	89.8	134.8
77	53.1	40.9	61.3
79	54.0	40.2	60.4

Manual Integrations
APPROVED

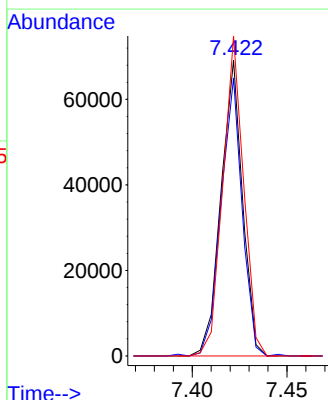
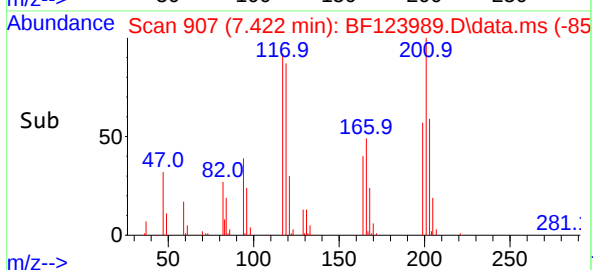
mohammad
5/20/2021 11:34:50 AM

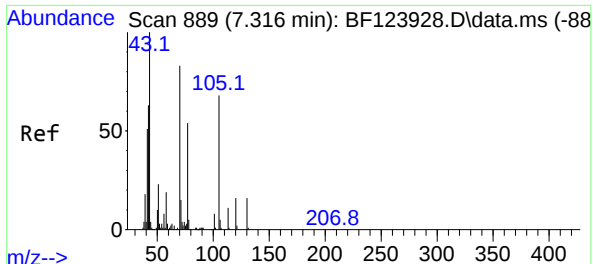


#18
Hexachloroethane
Concen: 43.71 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

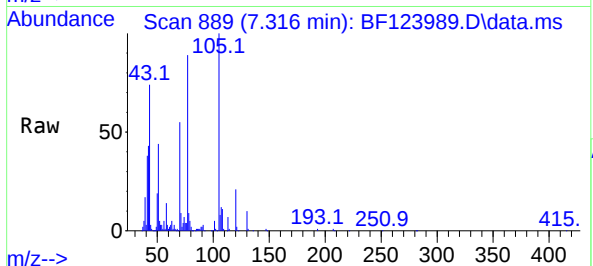


Tgt Ion:	117	Resp:	54610
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	108.2	67.8	101.8#



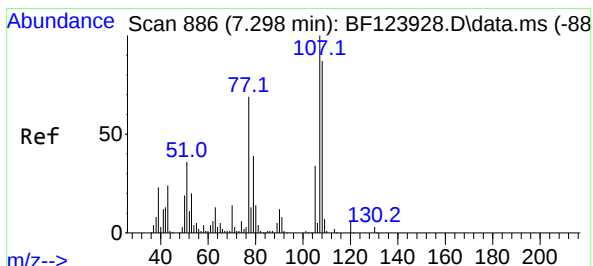
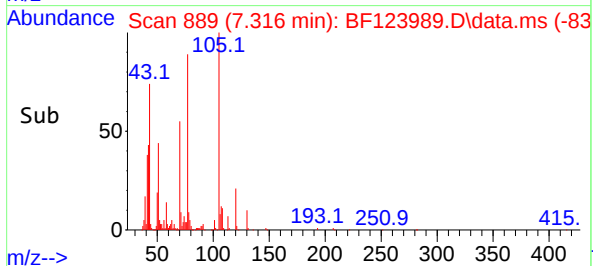
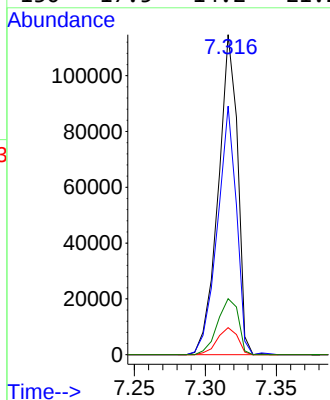


#19
n-Nitroso-di-n-propylamine
Concen: 45.58 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

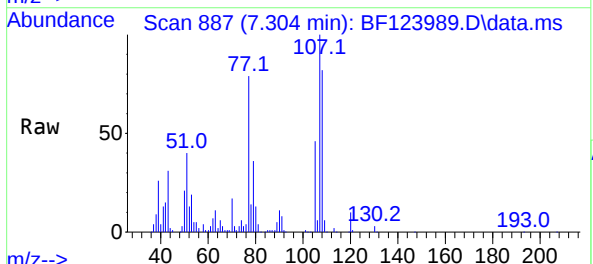


Tgt Ion: 70 Resp: 108575

Ion	Ratio	Lower	Upper
70	100		
42	77.7	60.1	90.1
101	8.4	7.4	11.2
130	17.5	14.2	21.2

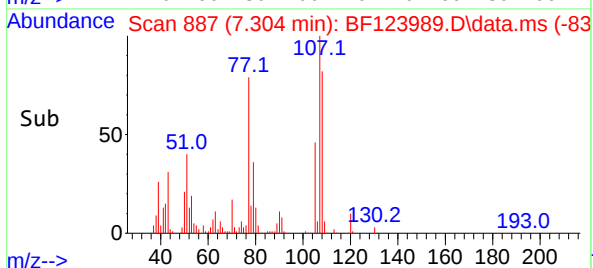
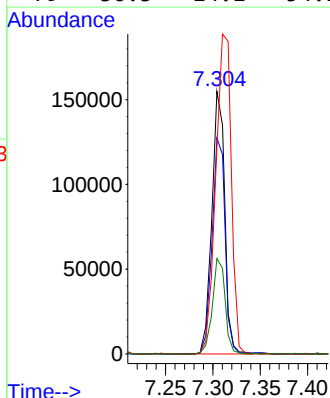


#20
3+4-Methylphenols
Concen: 48.31 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion: 107 Resp: 145934

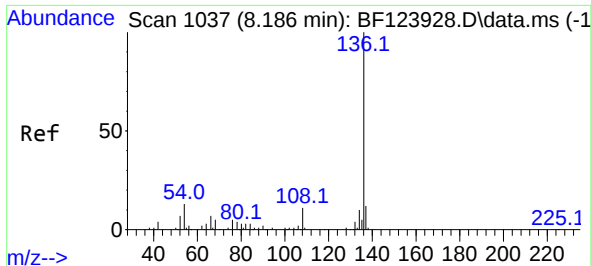
Ion	Ratio	Lower	Upper
107	100		
108	82.2	71.5	111.5
77	78.7	82.0	122.0#
79	36.3	14.1	54.1



Instrument :
BNA_F
ClientSampleId :
GPLDMSD

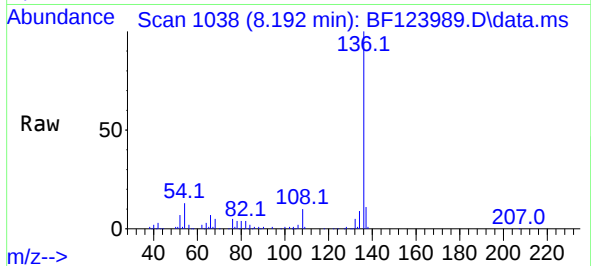
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM

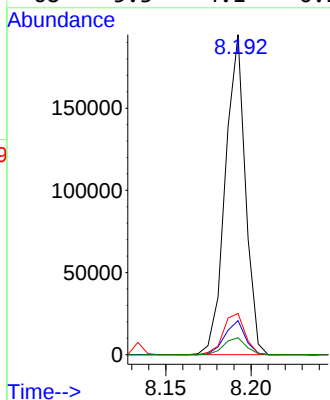


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.192 min Scan# 1038
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Instrument :
BNA_F
ClientSampled :
GPLDMSD

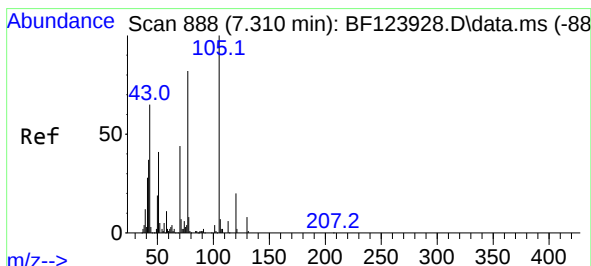
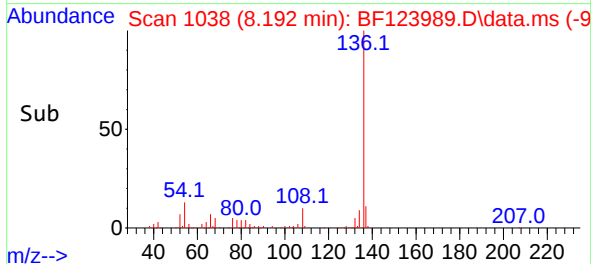


Tgt Ion:136 Resp: 159449
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 12.9 9.8 14.6
68 5.3 4.1 6.1

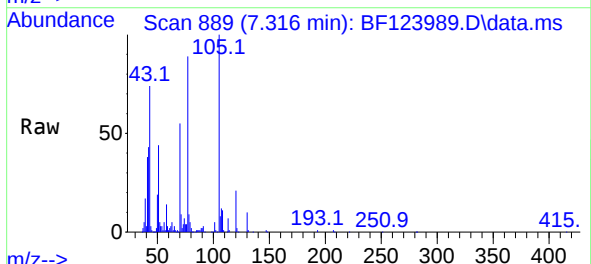


Manual Integrations
APPROVED

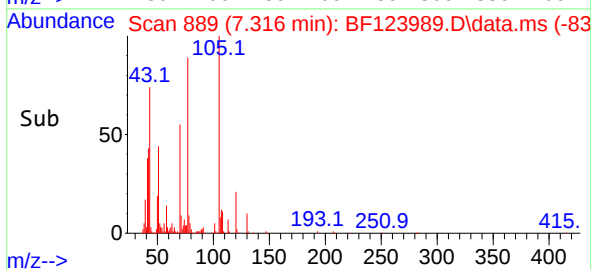
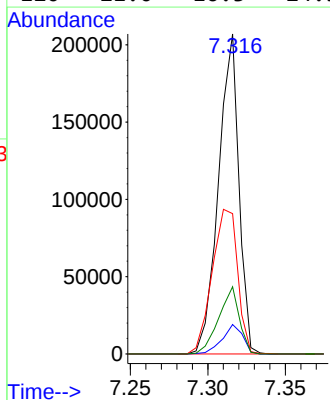
mohammad
5/20/2021 11:34:50 AM

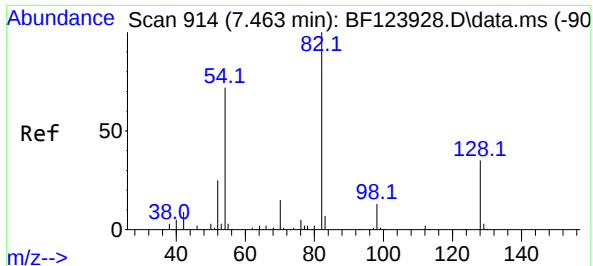


#22
Acetophenone
Concen: 41.85 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:105 Resp: 189480
Ion Ratio Lower Upper
105 100
71 9.2 4.2 6.4#
51 43.8 33.6 50.4
120 21.0 16.3 24.5





#23

Nitrobenzene-d5

Concen: 71.12 ng

RT: 7.469 min Scan# 915

Delta R.T. 0.006 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

Tgt Ion: 82 Resp: 263207

Ion Ratio Lower Upper

82 100

128 38.5 29.4 44.2

54 69.3 54.1 81.1

Instrument :

BNA_F

ClientSampleId :

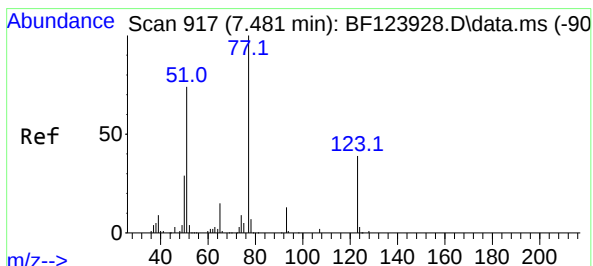
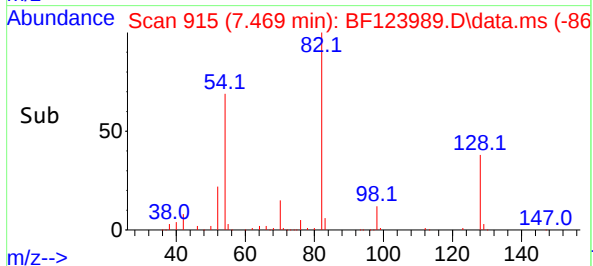
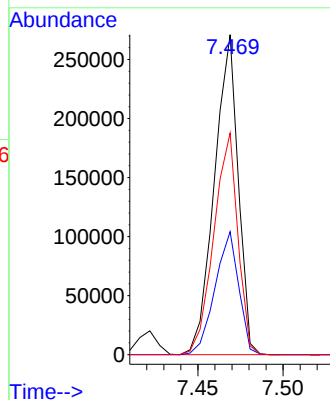
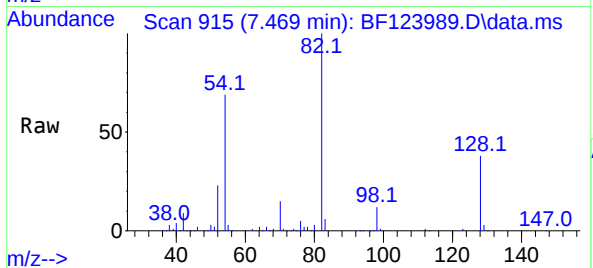
GPLDMSD

Manual Integrations

APPROVED

mohammad

5/20/2021 11:34:50 AM



#24

Nitrobenzene

Concen: 41.45 ng

RT: 7.487 min Scan# 918

Delta R.T. 0.006 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

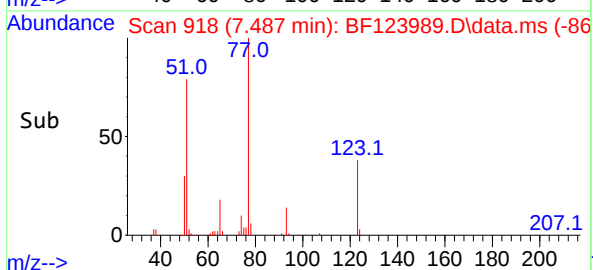
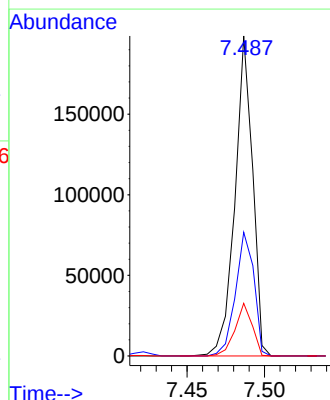
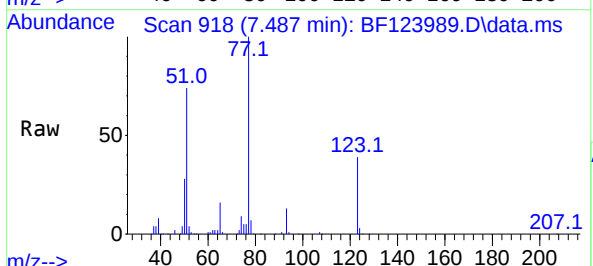
Tgt Ion: 77 Resp: 156856

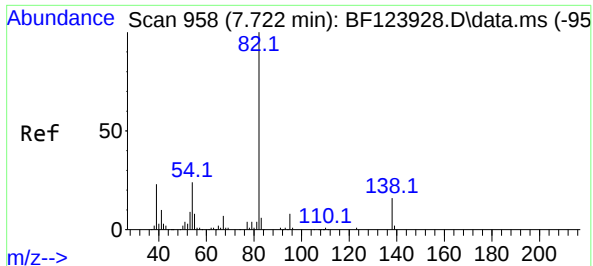
Ion Ratio Lower Upper

77 100

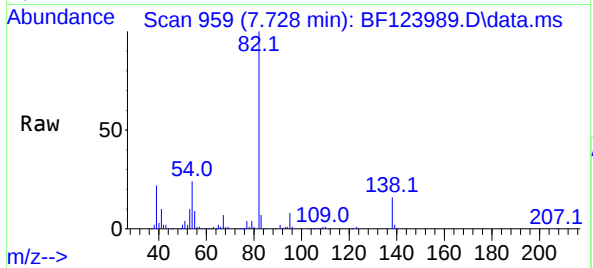
123 38.6 34.5 51.7

65 16.4 12.2 18.2

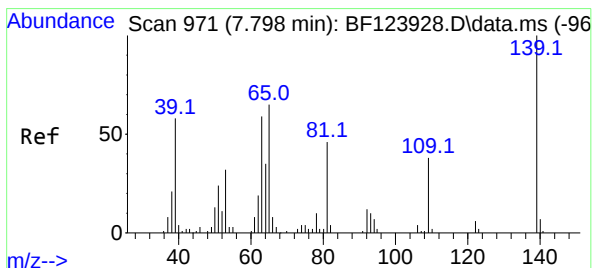
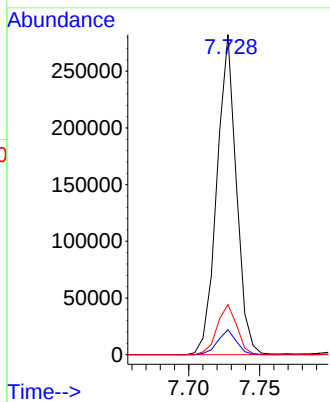
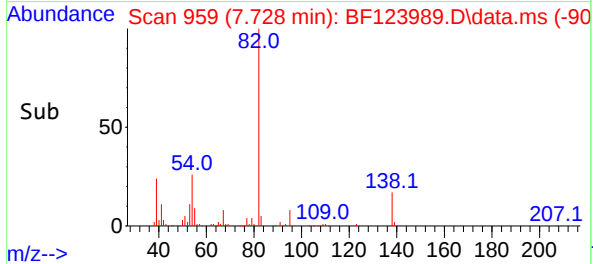




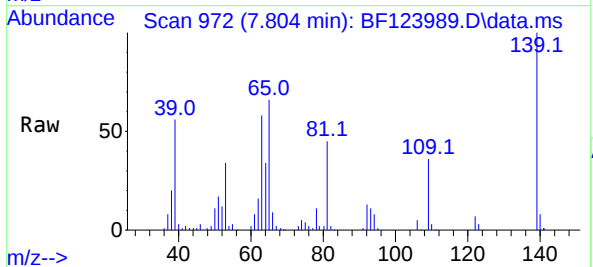
#25
Isophorone
Concen: 37.76 ng
RT: 7.728 min Scan# 959
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



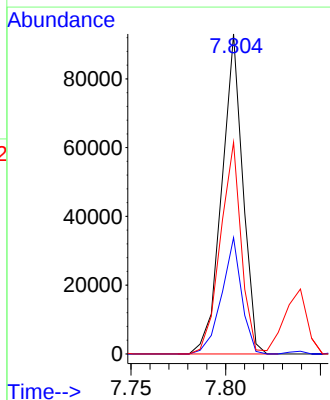
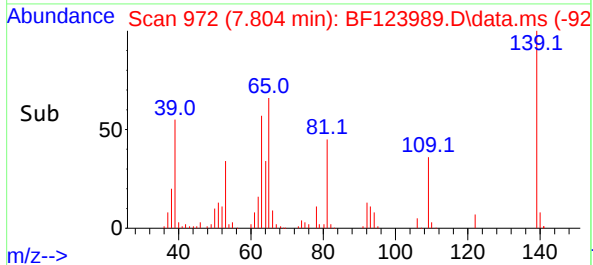
Tgt Ion: 82 Resp: 268848
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 15.7 11.8 17.8



#26
2-Nitrophenol
Concen: 50.34 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



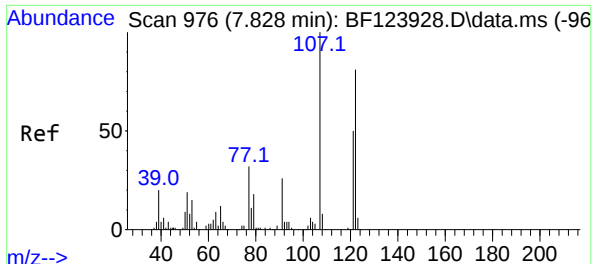
Tgt Ion: 139 Resp: 71654
Ion Ratio Lower Upper
139 100
109 36.3 28.6 43.0
65 66.2 56.8 85.2



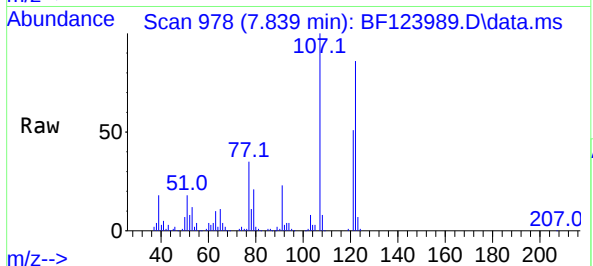
Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations
APPROVED

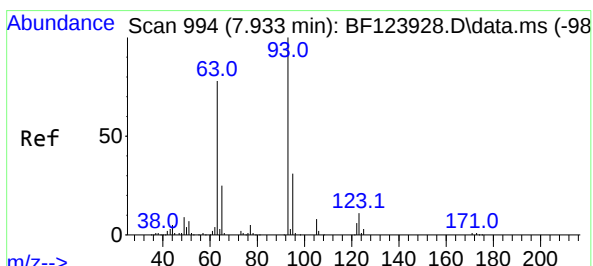
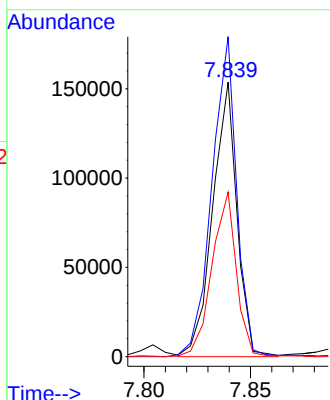
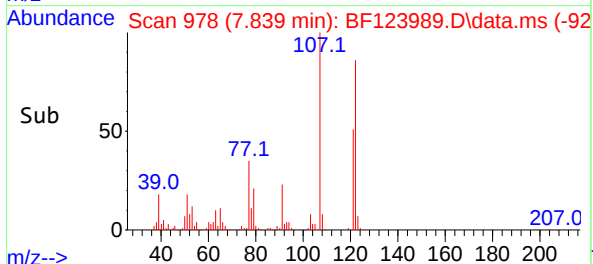
mohammad
5/20/2021 11:34:50 AM



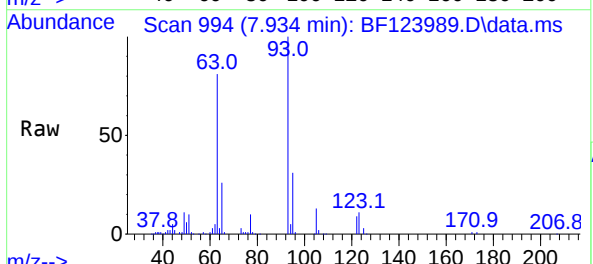
#27
2,4-Dimethylphenol
Concen: 44.66 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



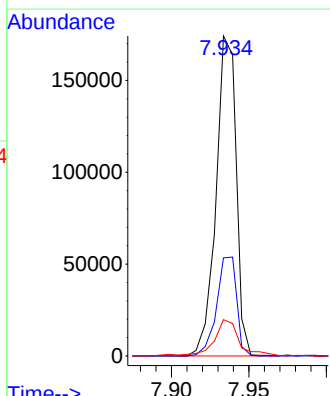
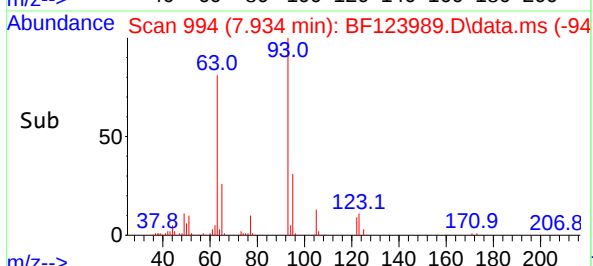
Tgt Ion:122 Resp: 121719
Ion Ratio Lower Upper
122 100
107 116.6 106.3 159.5
121 59.9 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.97 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



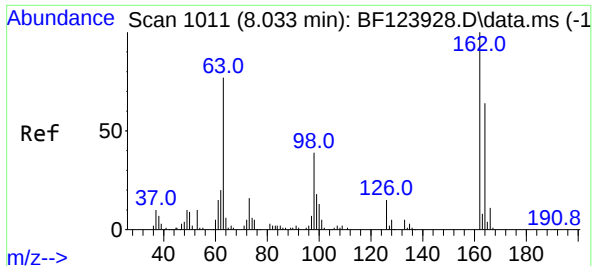
Tgt Ion: 93 Resp: 157407
Ion Ratio Lower Upper
93 100
95 30.6 26.5 39.7
123 11.3 8.4 12.6



Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



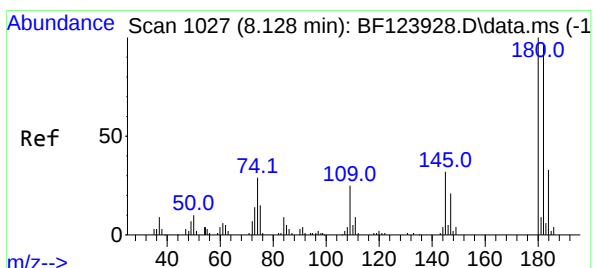
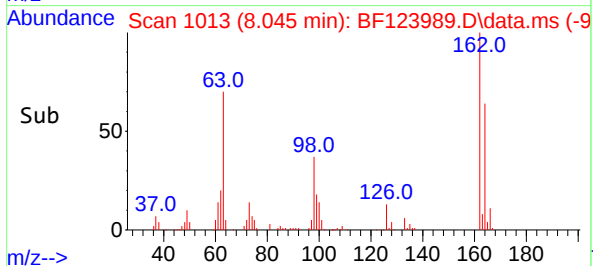
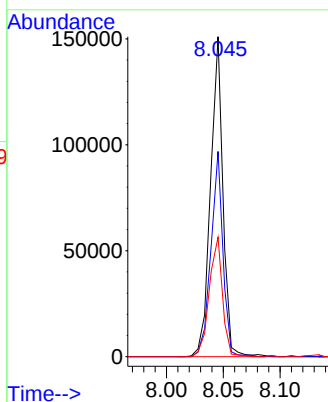
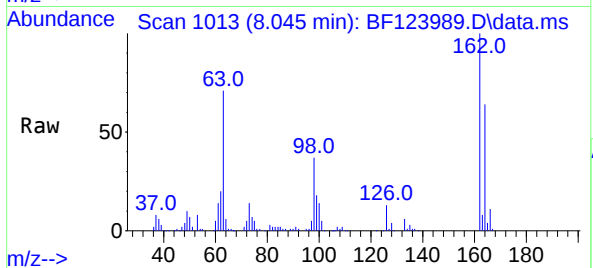
#29
2,4-Dichlorophenol
Concen: 41.58 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:162 Resp: 114697
Ion Ratio Lower Upper
162 100
164 64.2 44.1 84.1
98 37.4 27.3 67.3

Instrument :
BNA_F
ClientSampled :
GPLDMSD

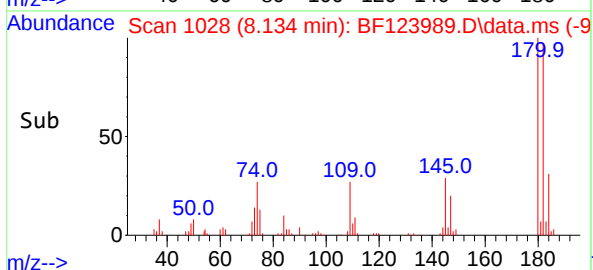
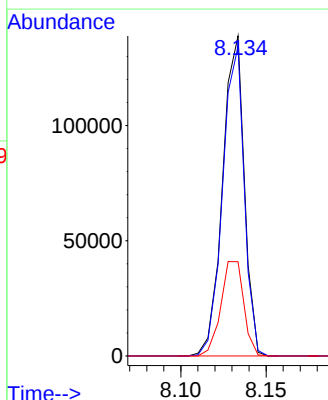
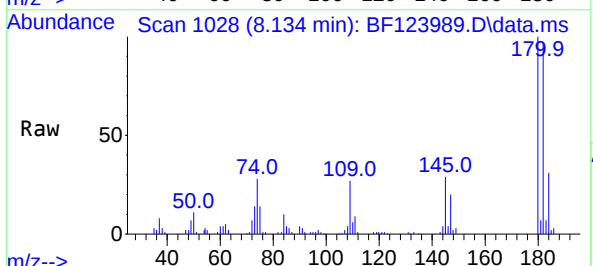
Manual Integrations
APPROVED

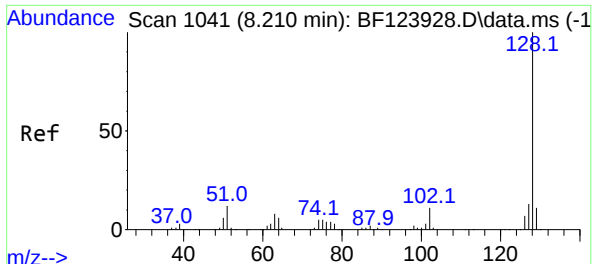
mohammad
5/20/2021 11:34:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.63 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:180 Resp: 122928
Ion Ratio Lower Upper
180 100
182 96.7 77.2 115.8
145 29.4 26.0 39.0





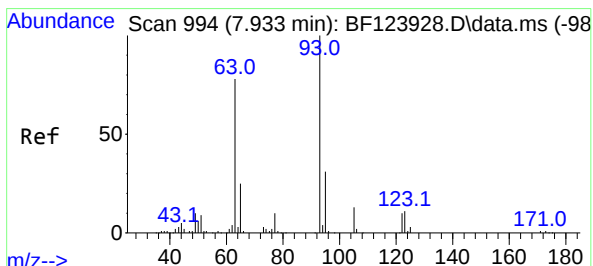
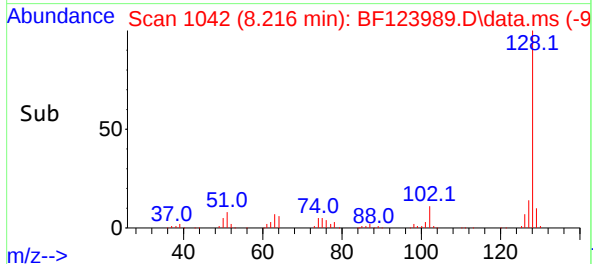
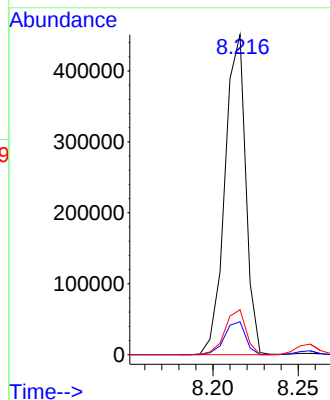
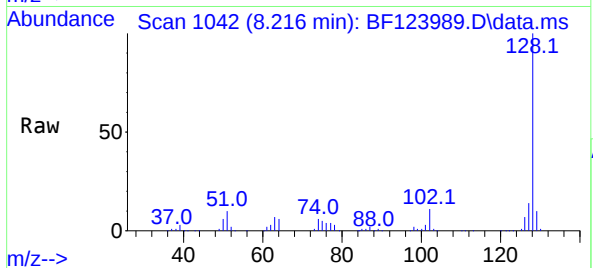
#31
Naphthalene
Concen: 40.56 ng
RT: 8.216 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:128 Resp: 382703
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 14.0 10.8 16.2

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

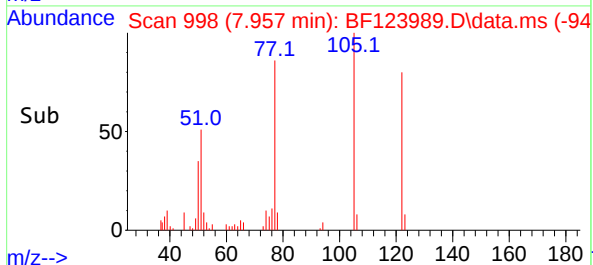
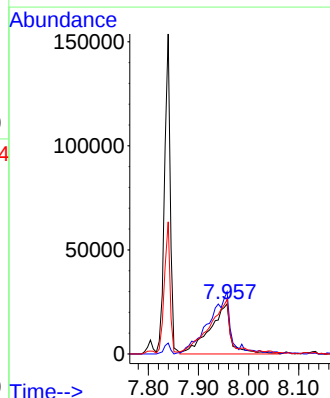
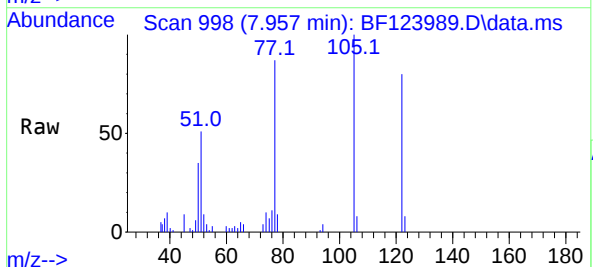
Manual Integrations
APPROVED

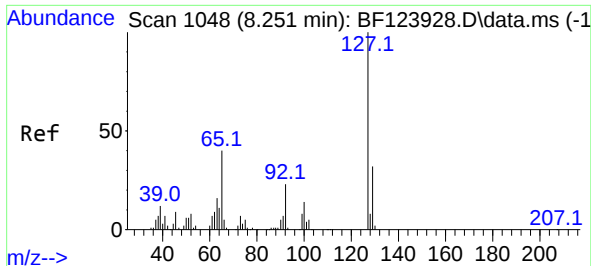
mohammad
5/20/2021 11:34:50 AM



#32
Benzoic acid
Concen: 48.23 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

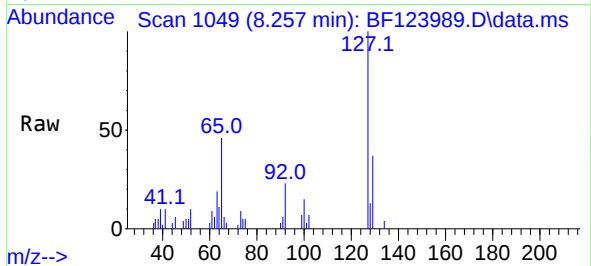
Tgt Ion:122 Resp: 72142
Ion Ratio Lower Upper
122 100
105 124.4 107.8 147.8
77 108.6 81.6 121.6





#33
4-Chloroaniline
Concen: 4.00 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

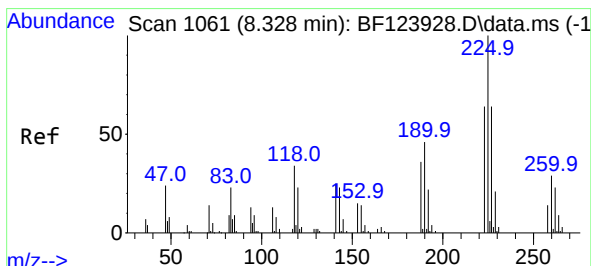
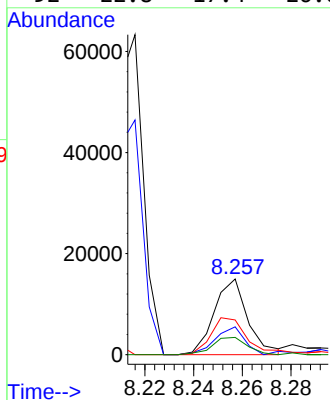
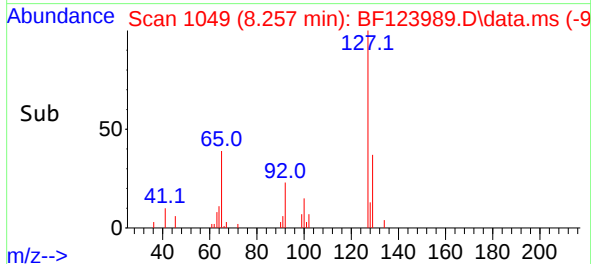
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



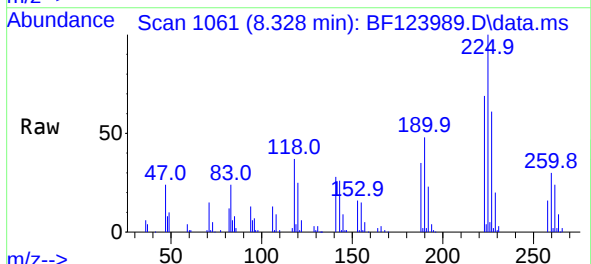
Tgt Ion:	127	Resp:	14375
Ion Ratio	Lower	Upper	
127	100		
129	36.9	25.7	38.5
65	45.8	34.5	51.7
92	22.8	17.4	26.0

Manual Integrations
APPROVED

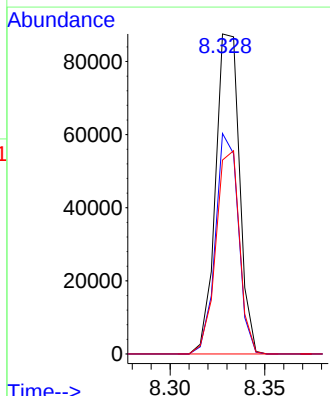
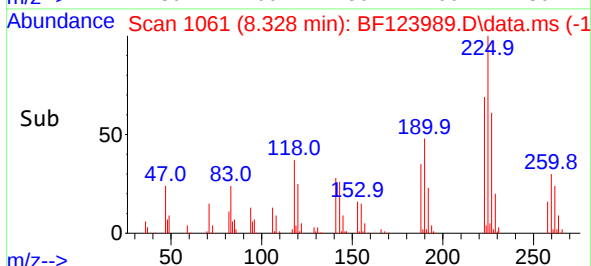
mohammad
5/20/2021 11:34:50 AM

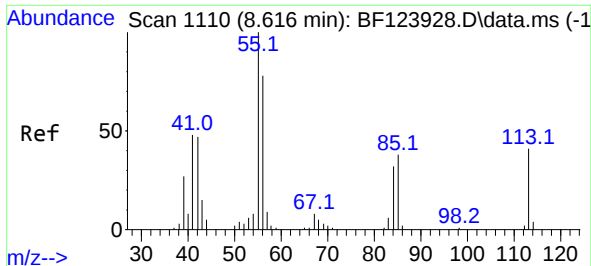


#34
Hexachlorobutadiene
Concen: 37.95 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:	225	Resp:	77065
Ion Ratio	Lower	Upper	
225	100		
223	68.9	50.4	75.6
227	60.6	51.4	77.0





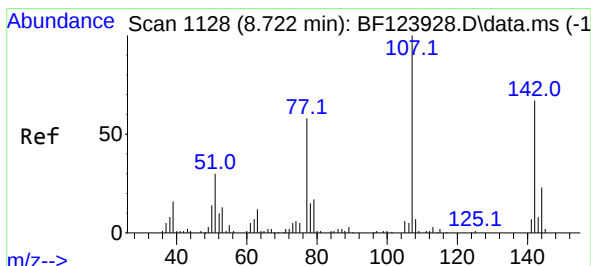
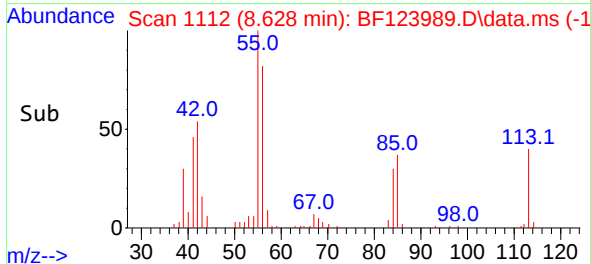
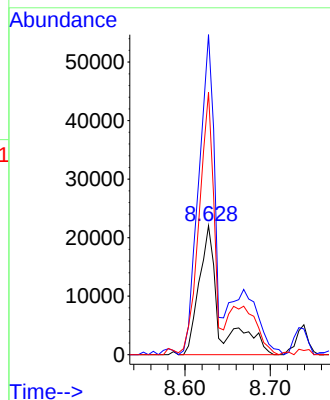
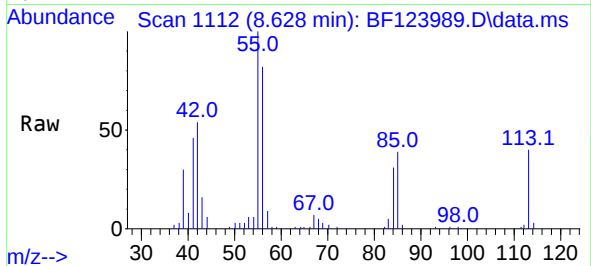
#35
Caprolactam
Concen: 50.02 ng m
RT: 8.628 min Scan# 1112
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:113 Resp: 37575
Ion Ratio Lower Upper
113 100
55 248.0 254.9 294.9#
56 203.4 179.4 219.4

Instrument :
BNA_F
ClientSampled :
GPLDMSD

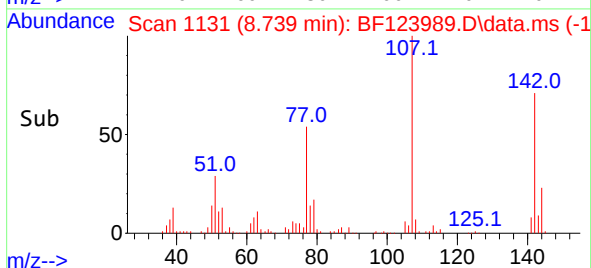
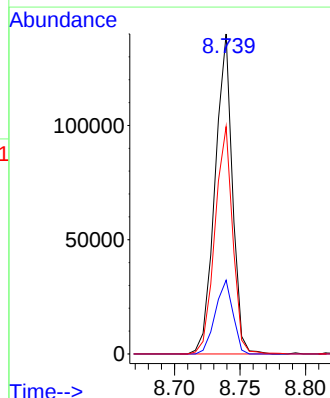
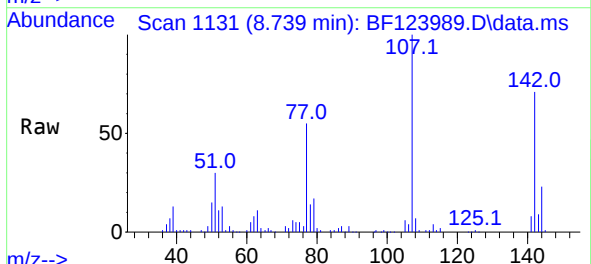
Manual Integrations
APPROVED

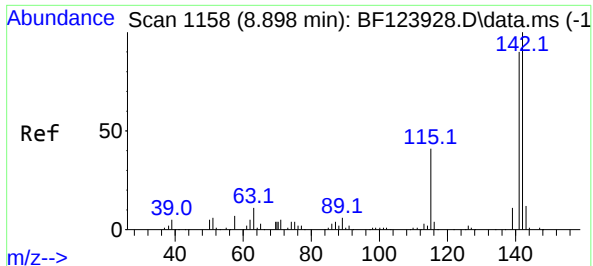
mohammad
5/20/2021 11:34:50 AM



#36
4-Chloro-3-methylphenol
Concen: 42.69 ng
RT: 8.739 min Scan# 1131
Delta R.T. 0.018 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:107 Resp: 128787
Ion Ratio Lower Upper
107 100
144 23.0 16.3 24.5
142 71.1 50.1 75.1





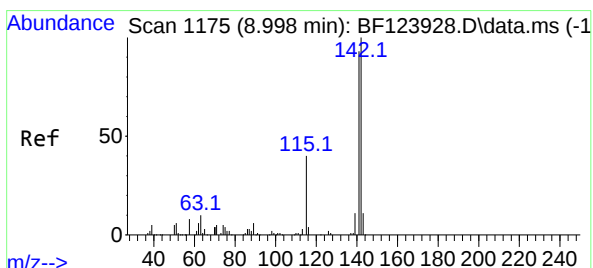
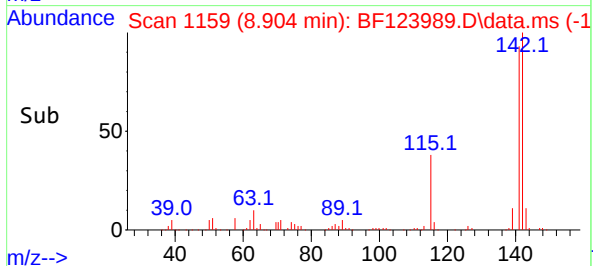
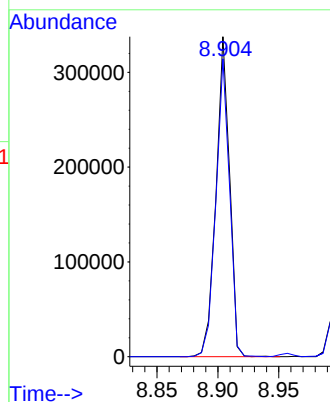
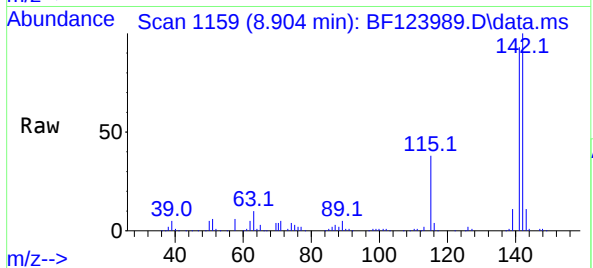
#37
2-Methylnaphthalene
Concen: 40.82 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Instrument :
BNA_F
ClientSampled :
GPLDMSD

Tgt Ion:142 Resp: 261067
Ion Ratio Lower Upper
142 100
141 93.1 71.8 107.6

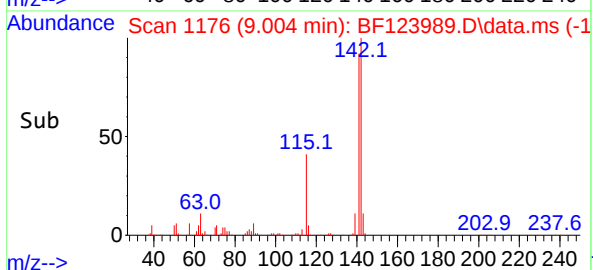
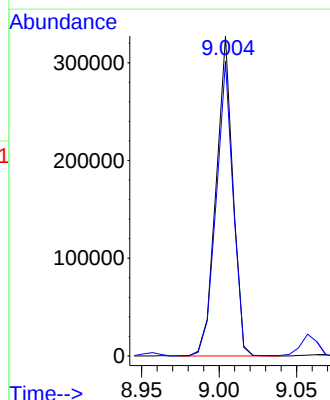
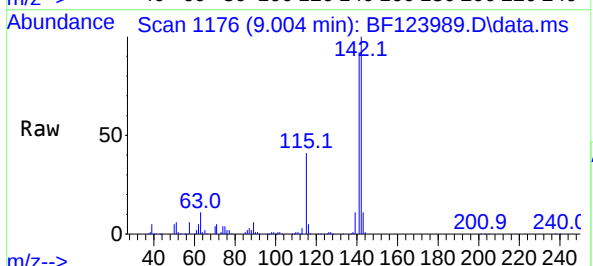
Manual Integrations
APPROVED

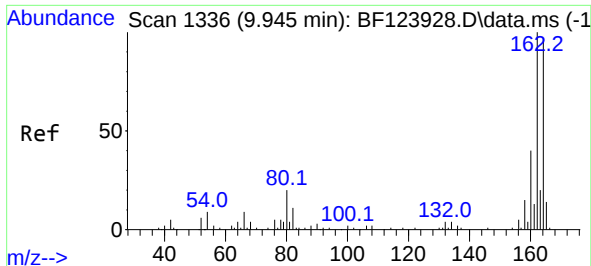
mohammad
5/20/2021 11:34:50 AM



#38
1-Methylnaphthalene
Concen: 41.46 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:142 Resp: 247421
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2





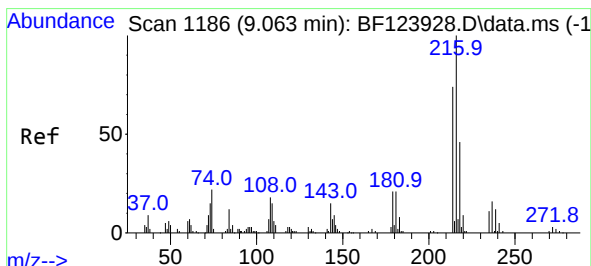
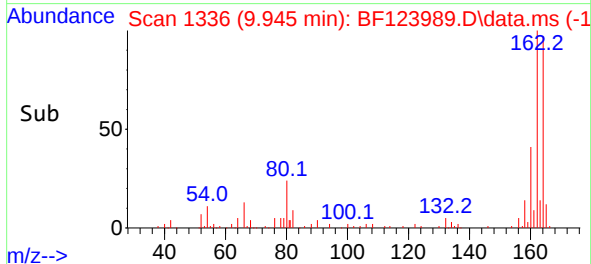
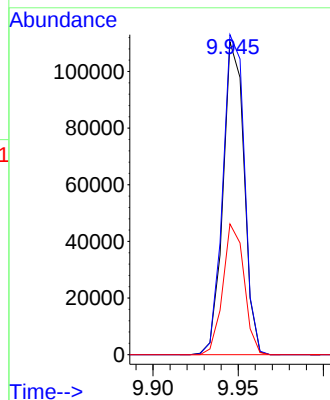
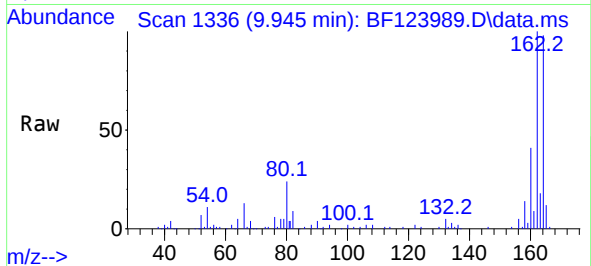
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:164 Resp: 94977
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 41.8 37.3 55.9

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

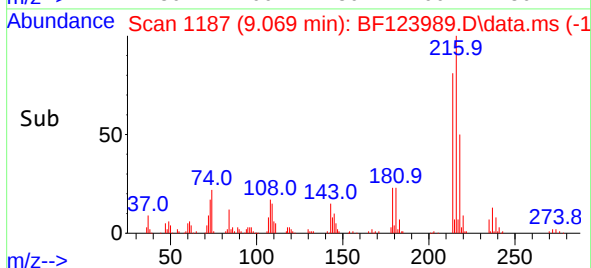
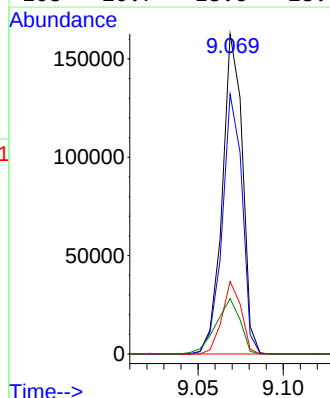
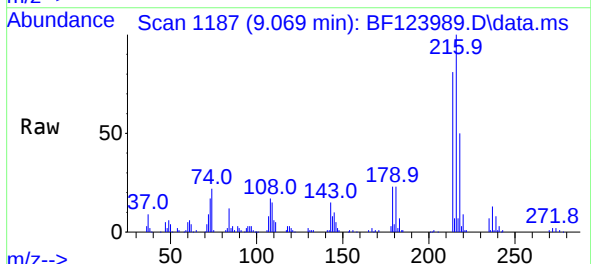
Manual Integrations
APPROVED

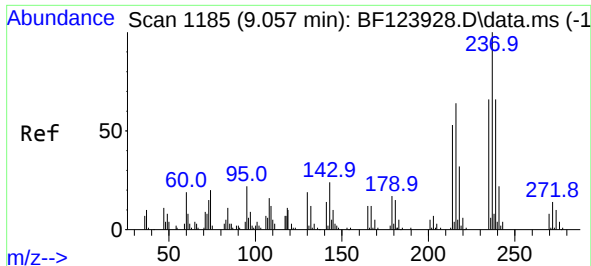
mohammad
5/20/2021 11:34:50 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.06 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:216 Resp: 133802
Ion Ratio Lower Upper
216 100
214 80.3 63.8 95.8
179 21.6 17.9 26.9
108 20.7 18.6 28.0





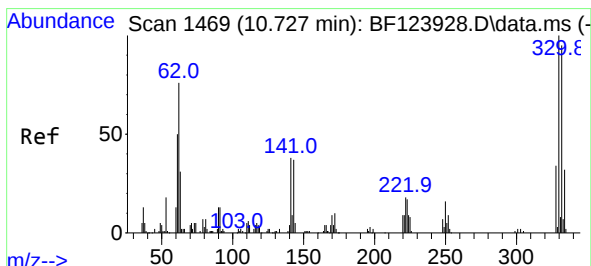
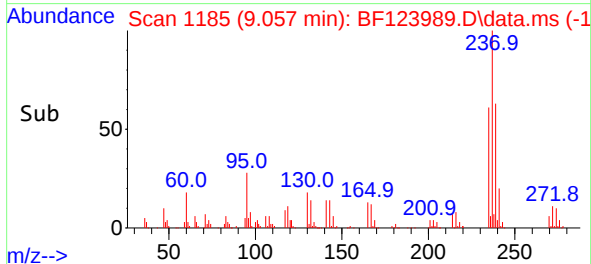
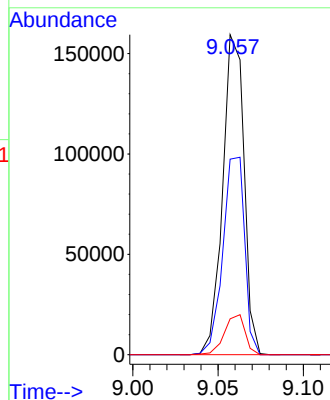
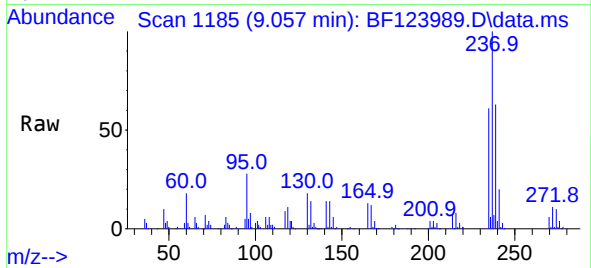
#41
Hexachlorocyclopentadiene
Concen: 63.88 ng
RT: 9.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:	237	Resp:	139178
Ion Ratio	Lower	Upper	
237	100		
235	61.1	38.8	78.8
272	11.2	0.0	32.4

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

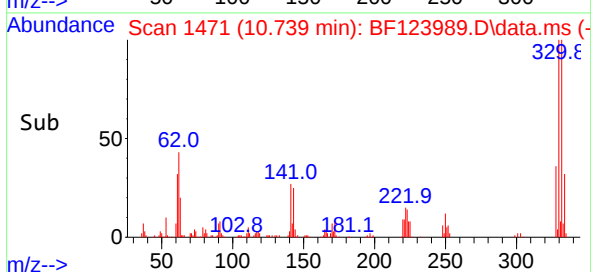
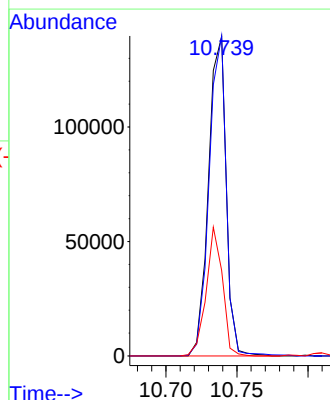
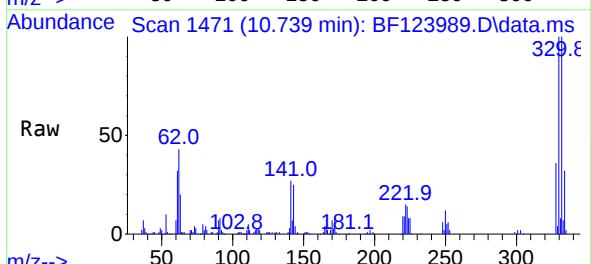
Manual Integrations
APPROVED

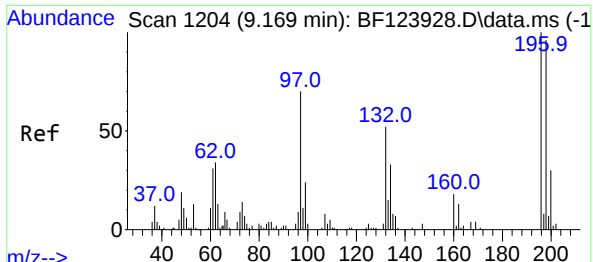
mohammad
5/20/2021 11:34:50 AM



#42
2,4,6-Tribromophenol
Concen: 105.98 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:	330	Resp:	120894
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.1	115.7
141	37.2	27.9	41.9





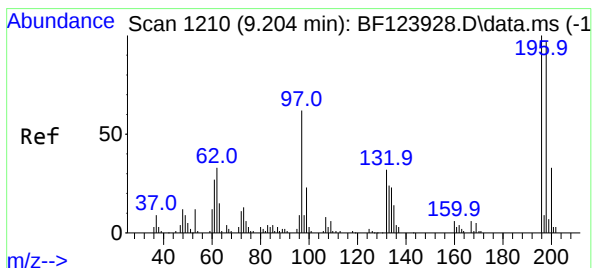
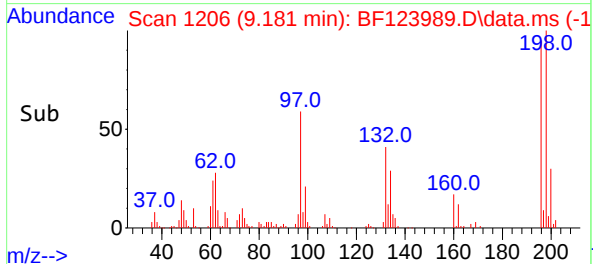
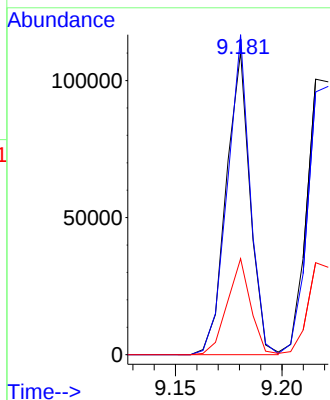
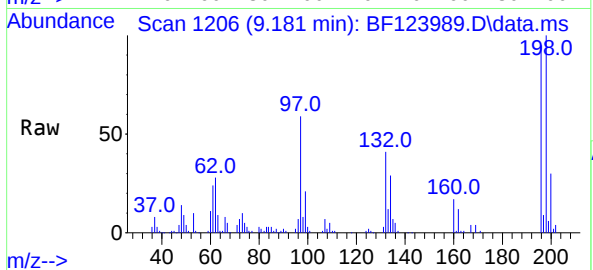
#43
2,4,6-Trichlorophenol
Concen: 38.79 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:196 Resp: 86210
Ion Ratio Lower Upper
196 100
198 105.6 78.2 117.2
200 31.7 25.0 37.6

Instrument :
BNA_F
ClientSampled :
GPLDMSD

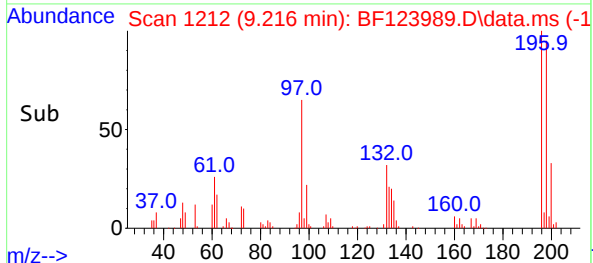
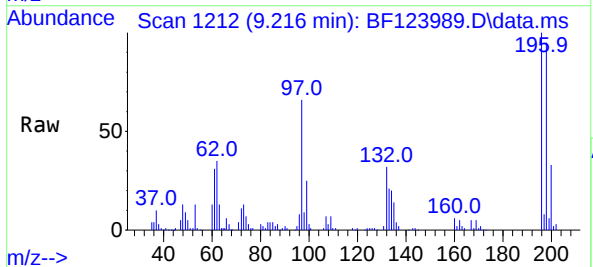
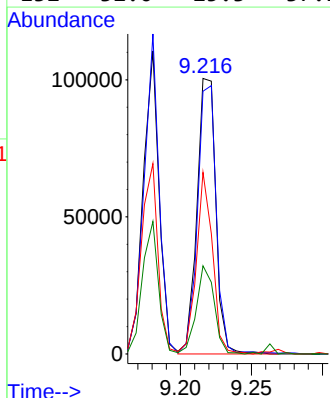
Manual Integrations
APPROVED

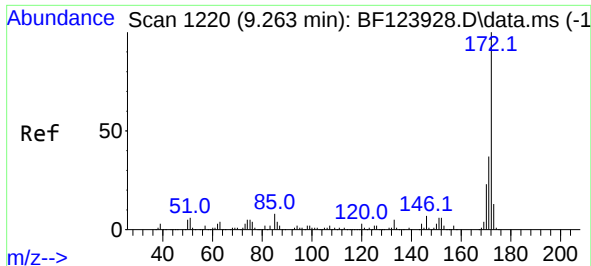
mohammad
5/20/2021 11:34:50 AM



#44
2,4,5-Trichlorophenol
Concen: 40.37 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:196 Resp: 93208
Ion Ratio Lower Upper
196 100
198 95.3 76.5 114.7
97 65.9 52.9 79.3
132 32.0 25.3 37.9





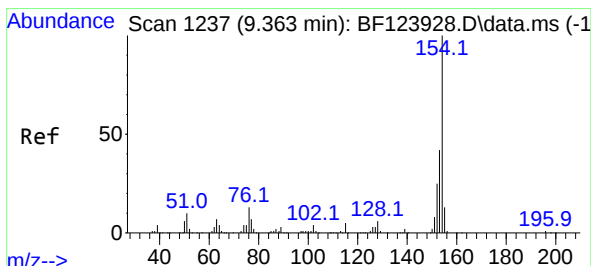
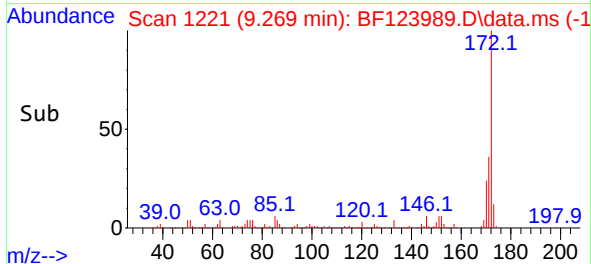
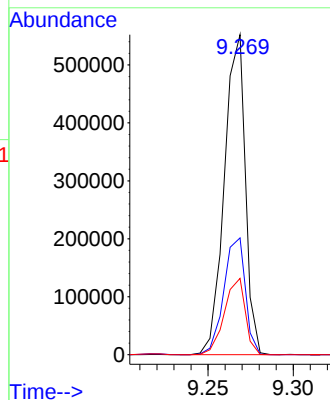
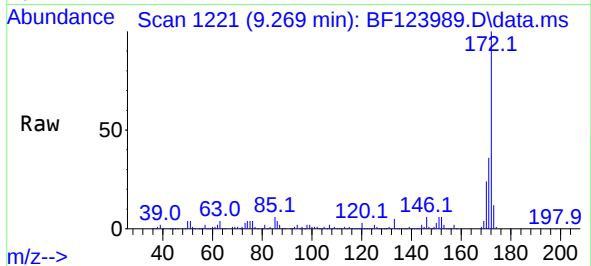
#45
2-Fluorobiphenyl
Concen: 61.31 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:172 Resp: 473171
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 23.9 19.2 28.8

Instrument :
BNA_F
ClientSampled :
GPLDMSD

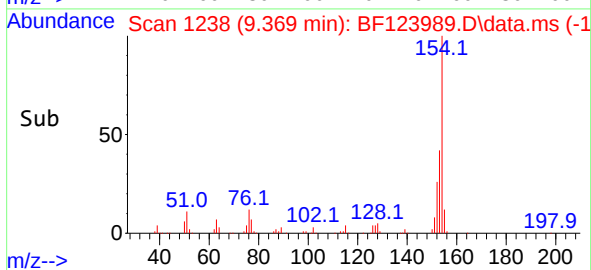
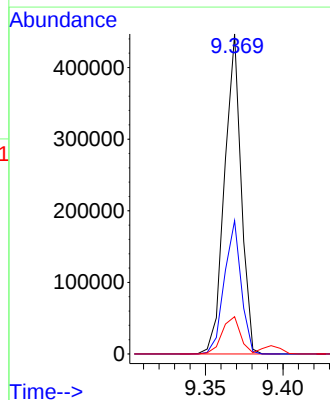
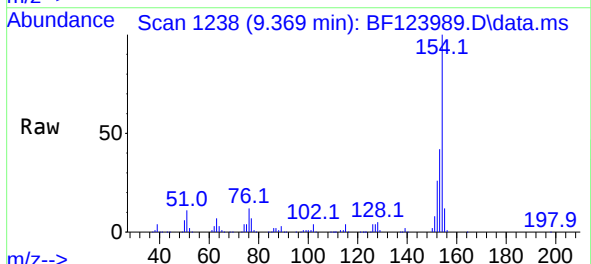
Manual Integrations
APPROVED

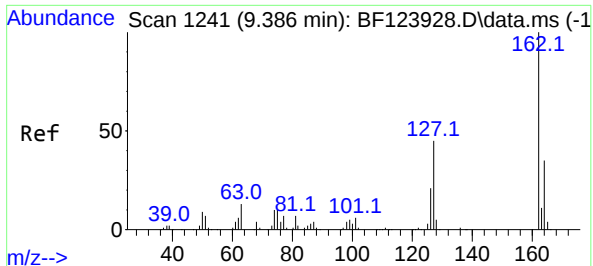
mohammad
5/20/2021 11:34:50 AM



#46
1,1'-Biphenyl
Concen: 39.75 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

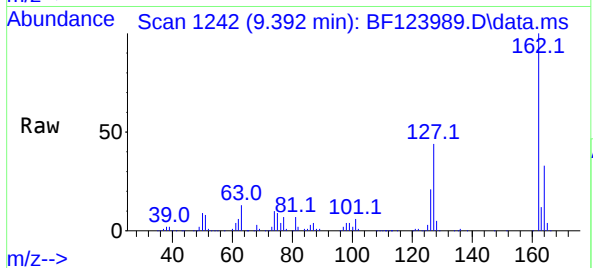
Tgt Ion:154 Resp: 332534
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 11.7 0.0 31.7





#47
2-Chloronaphthalene
Concen: 37.92 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

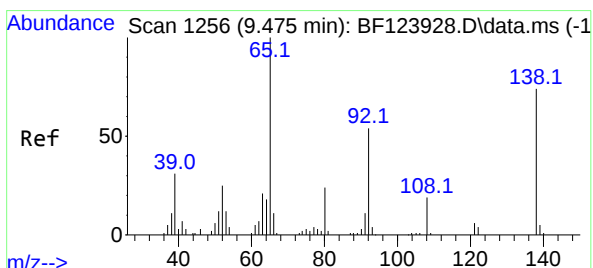
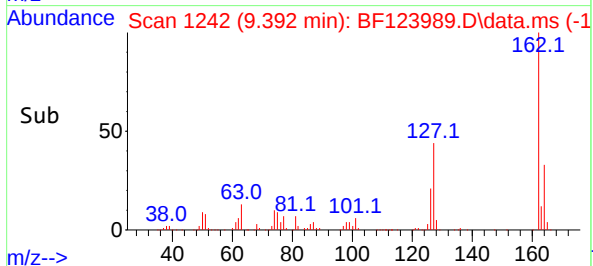
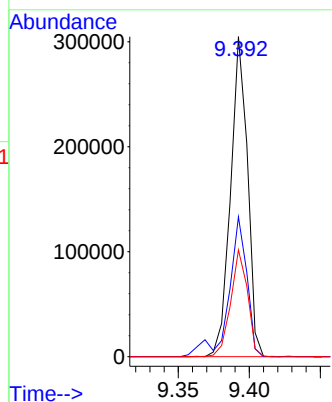
Instrument :
BNA_F
ClientSampled :
GPLDMSD



Tgt Ion:162 Resp: 251977
Ion Ratio Lower Upper
162 100
127 43.7 36.2 54.2
164 33.3 25.4 38.2

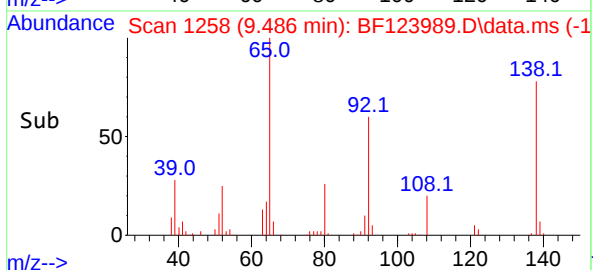
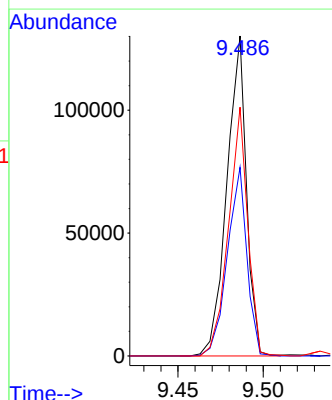
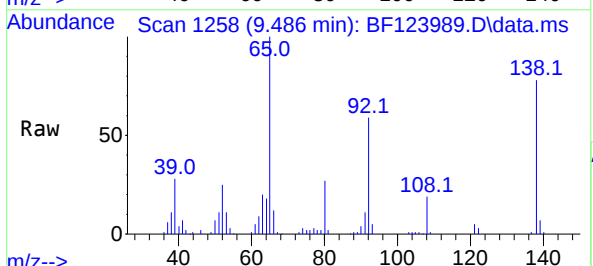
Manual Integrations
APPROVED

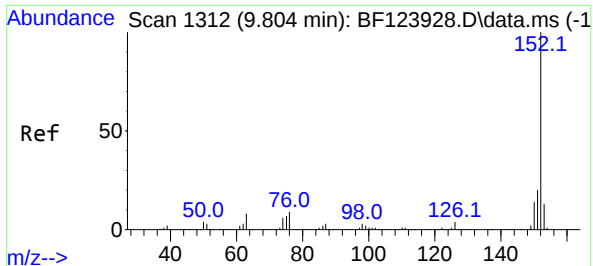
mohammad
5/20/2021 11:34:50 AM



#48
2-Nitroaniline
Concen: 46.47 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 65 Resp: 104266
Ion Ratio Lower Upper
65 100
92 59.0 47.1 70.7
138 77.7 70.2 105.2





#49

Acenaphthylene

Concen: 40.79 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

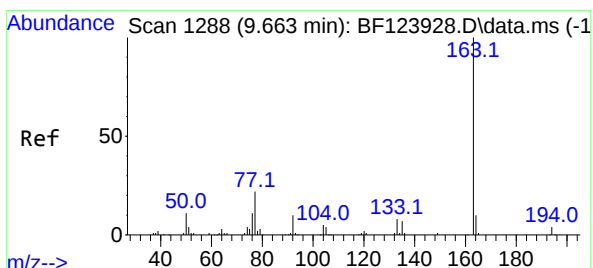
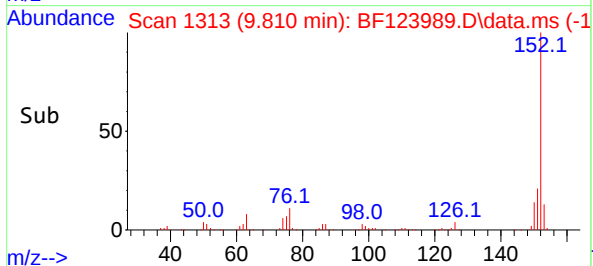
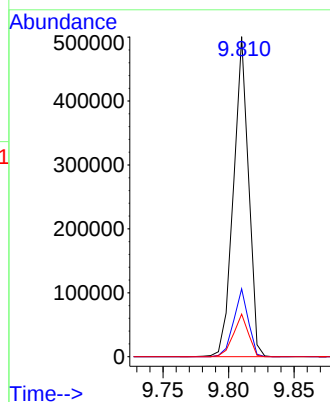
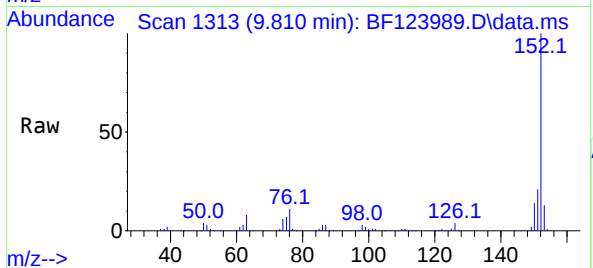
Tgt Ion:152 Resp: 400482

Ion Ratio Lower Upper

152 100

151 21.2 16.0 24.0

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 49.53 ng

RT: 9.669 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF123989.D

Acq: 19 May 2021 14:32

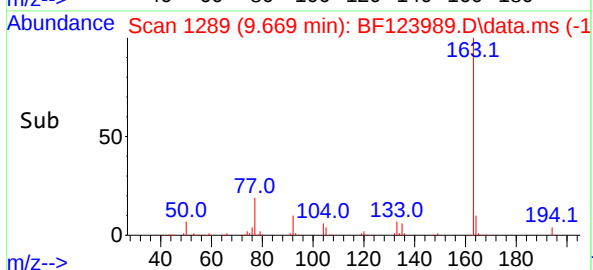
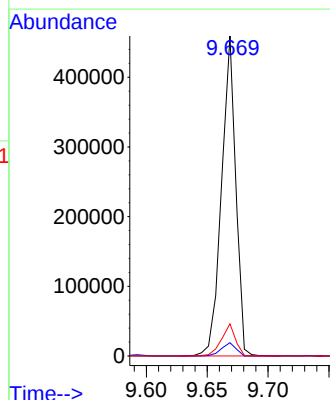
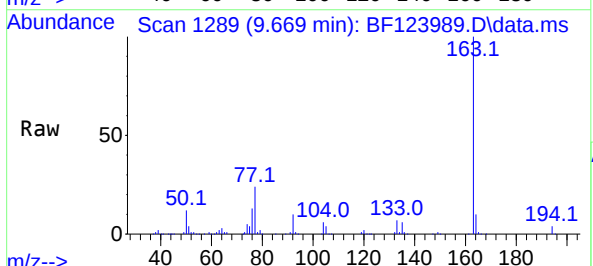
Tgt Ion:163 Resp: 375671

Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.1 8.2 12.2



Instrument :

BNA_F

ClientSampleId :

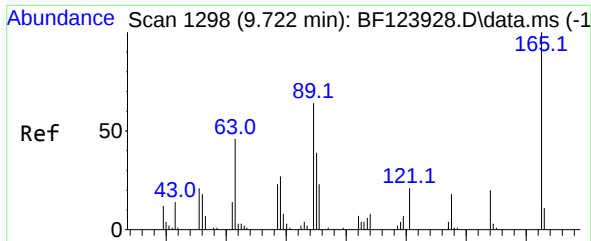
GPLDMSD

Manual Integrations

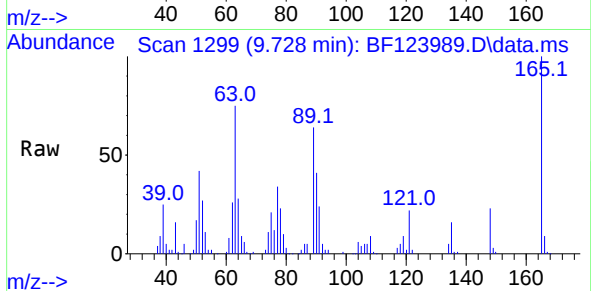
APPROVED

mohammad

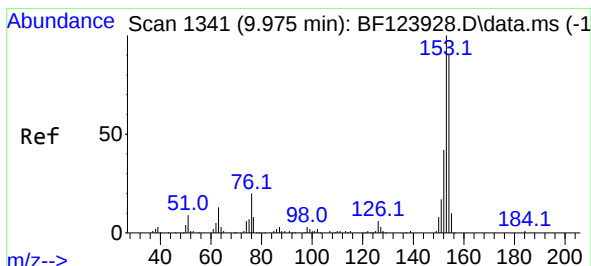
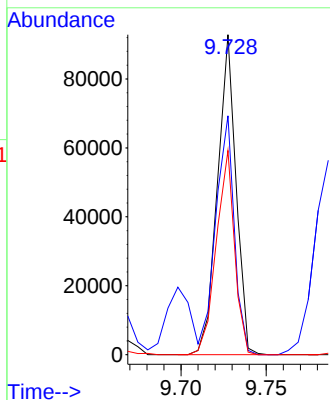
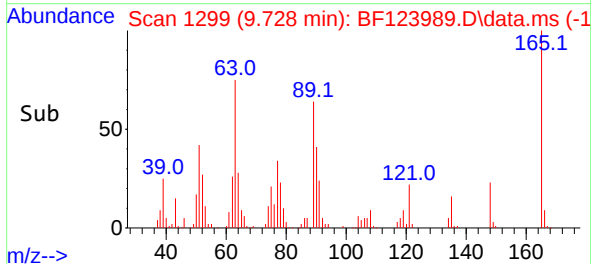
5/20/2021 11:34:50 AM



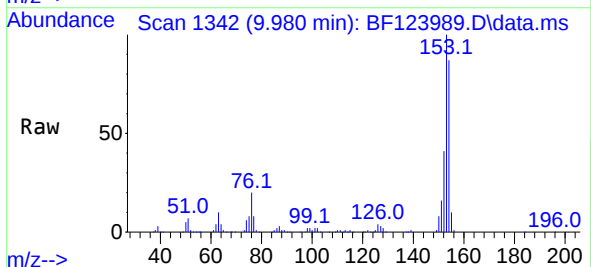
#51
2,6-Dinitrotoluene
Concen: 45.83 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



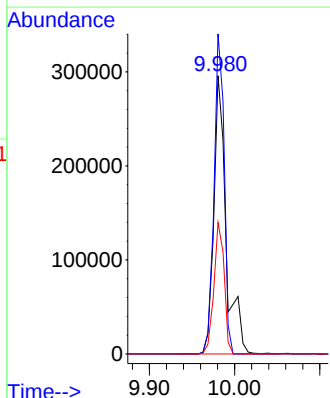
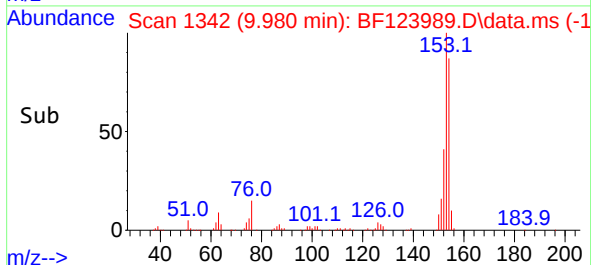
Tgt Ion:165 Resp: 70286
Ion Ratio Lower Upper
165 100
63 74.6 67.7 101.5
89 63.8 58.8 88.2



#52
Acenaphthene
Concen: 44.30 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



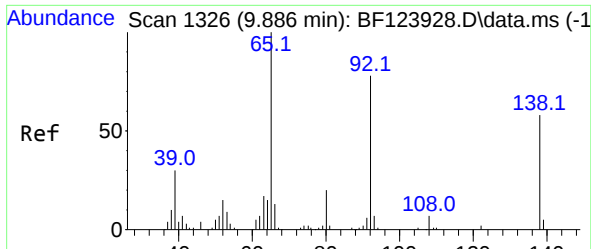
Tgt Ion:154 Resp: 297736
Ion Ratio Lower Upper
154 100
153 115.0 88.1 132.1
152 47.2 43.4 65.0



Instrument :
BNA_F
ClientSampled :
GPLDMSD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



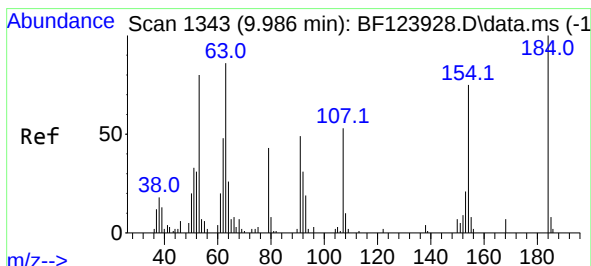
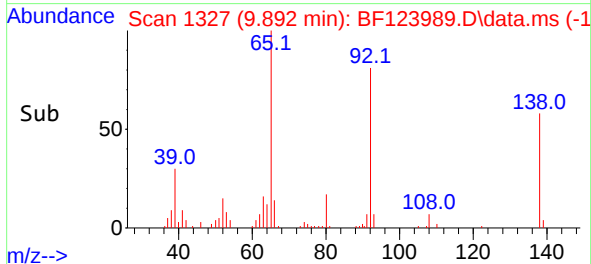
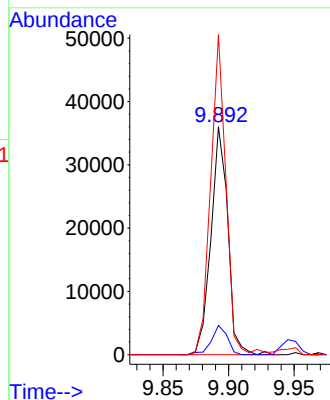
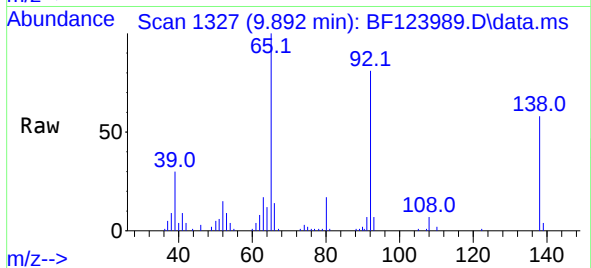
#53
3-Nitroaniline
Concen: 21.12 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:138 Resp: 32185
Ion Ratio Lower Upper
138 100
108 12.8 10.2 15.4
92 140.3 103.3 154.9

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

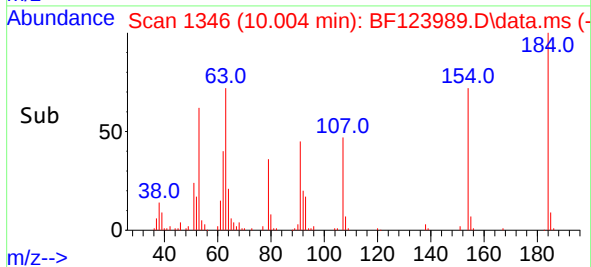
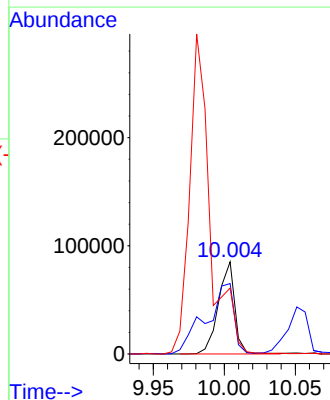
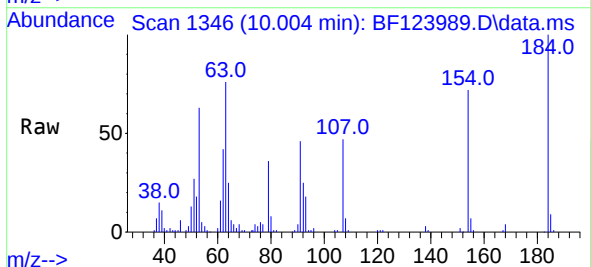
Manual Integrations
APPROVED

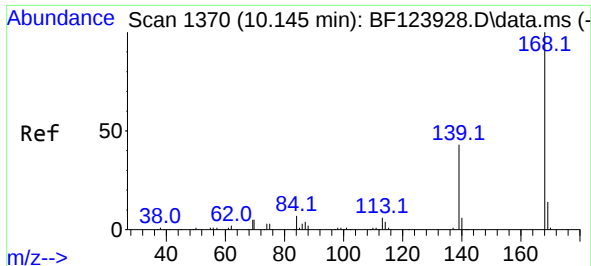
mohammad
5/20/2021 11:34:50 AM



#54
2,4-Dinitrophenol
Concen: 82.61 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.018 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

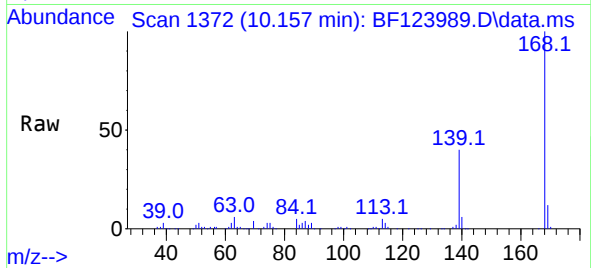
Tgt Ion:184 Resp: 68320
Ion Ratio Lower Upper
184 100
63 76.3 73.5 110.3
154 71.6 52.5 78.7





#55
Dibenzofuran
Concen: 39.01 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

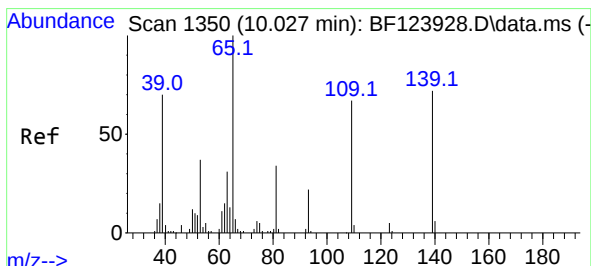
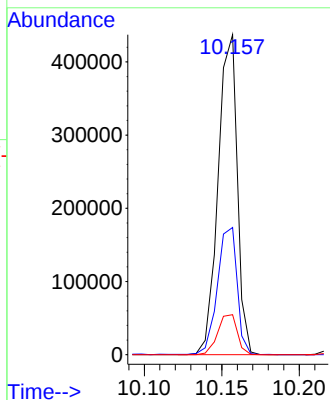
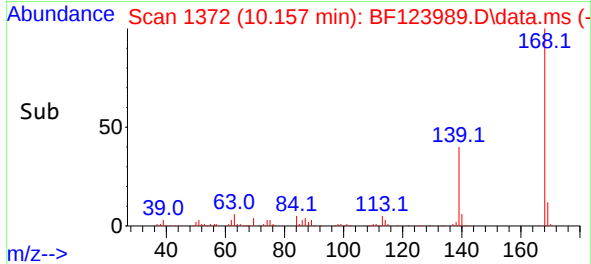
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



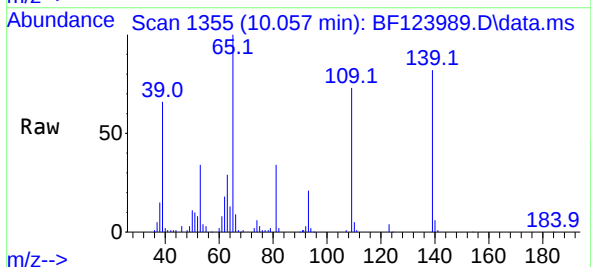
Tgt Ion:168 Resp: 376497
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 12.5 10.8 16.2

Manual Integrations
APPROVED

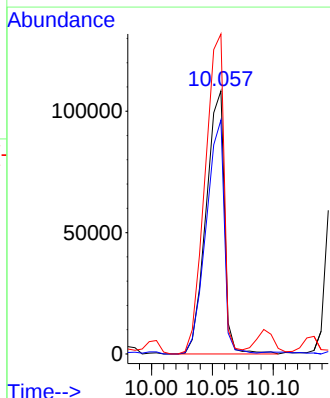
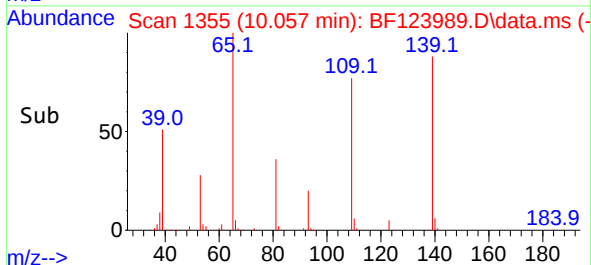
mohammad
5/20/2021 11:34:50 AM

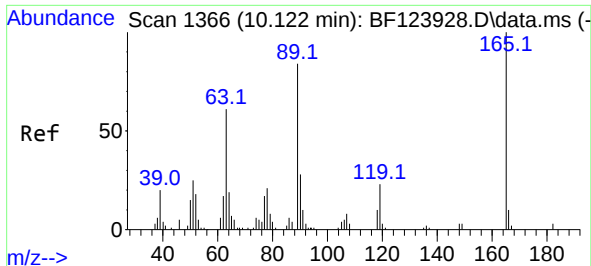


#56
4-Nitrophenol
Concen: 90.10 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.029 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:139 Resp: 113596
Ion Ratio Lower Upper
139 100
109 88.9 63.2 103.2
65 121.7 110.0 150.0





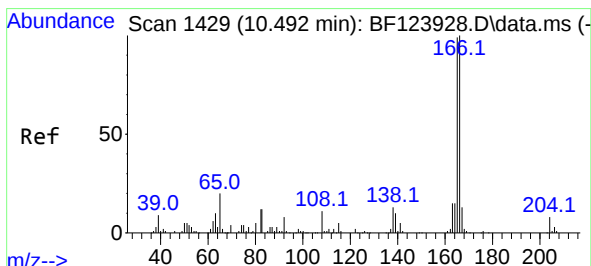
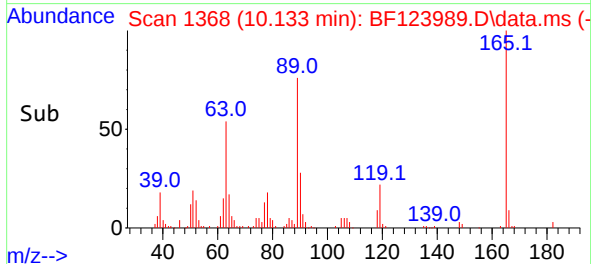
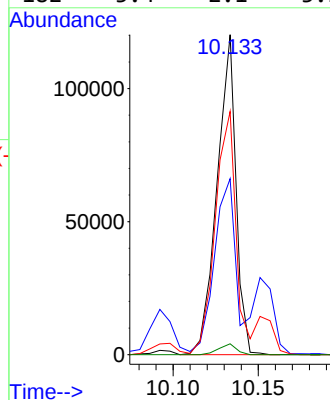
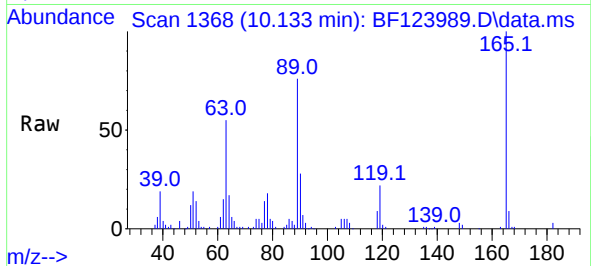
#57
2,4-Dinitrotoluene
Concen: 49.46 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:165 Resp: 93038
Ion Ratio Lower Upper
165 100
63 55.0 43.5 65.3
89 76.0 67.7 101.5
182 3.4 2.1 3.1#

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

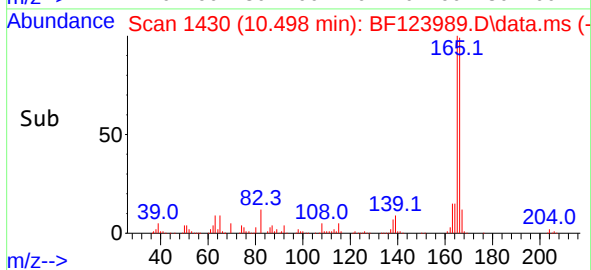
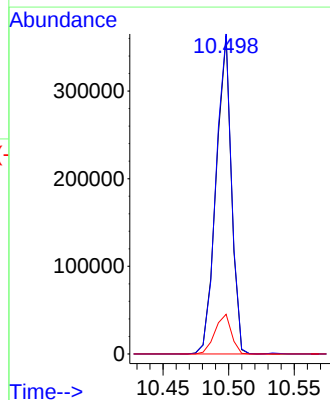
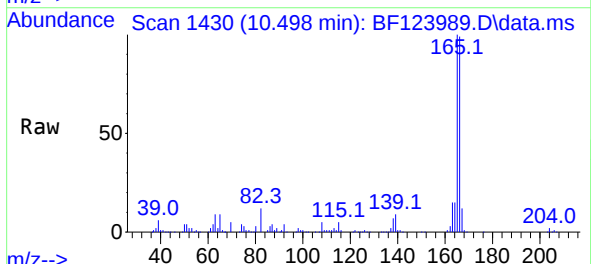
Manual Integrations
APPROVED

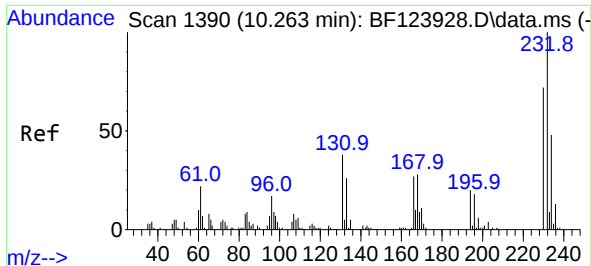
mohammad
5/20/2021 11:34:50 AM



#58
Fluorene
Concen: 40.48 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:166 Resp: 294425
Ion Ratio Lower Upper
166 100
165 100.6 73.5 110.3
167 12.5 10.7 16.1





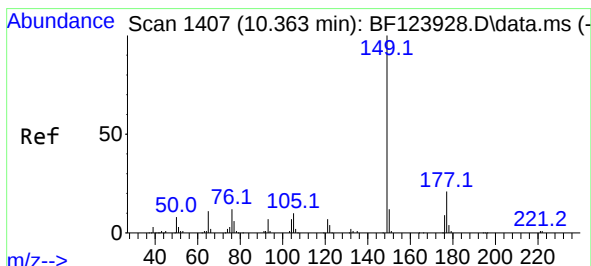
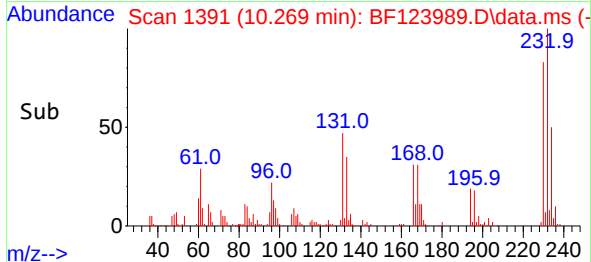
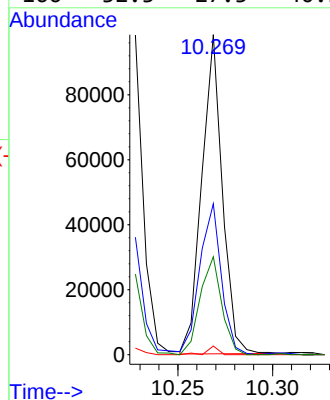
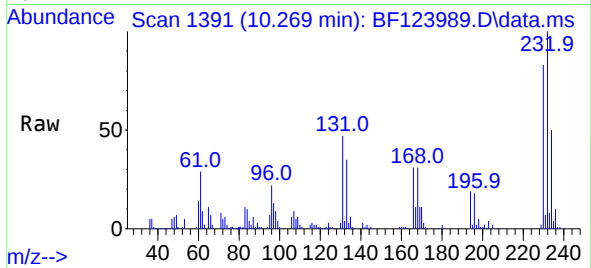
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.15 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:232 Resp: 74345
Ion Ratio Lower Upper
232 100
131 49.9 43.2 64.8
130 1.5 2.2 3.2#
166 32.3 27.3 40.9

Instrument :
BNA_F
ClientSampled :
GPLDMSD

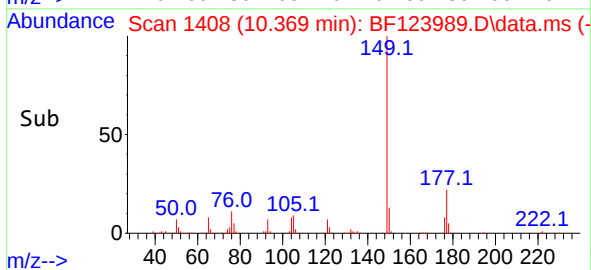
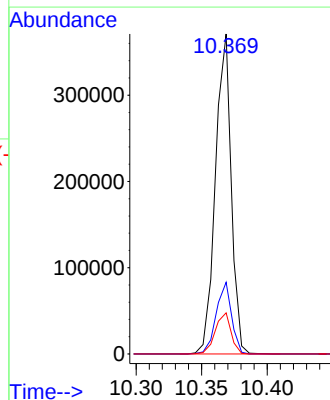
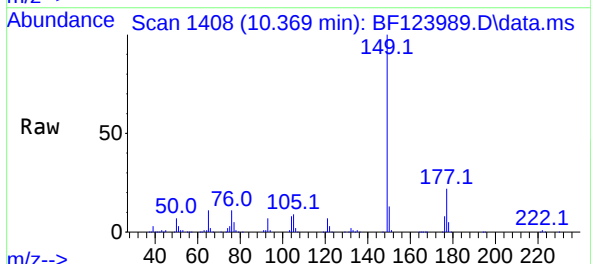
Manual Integrations
APPROVED

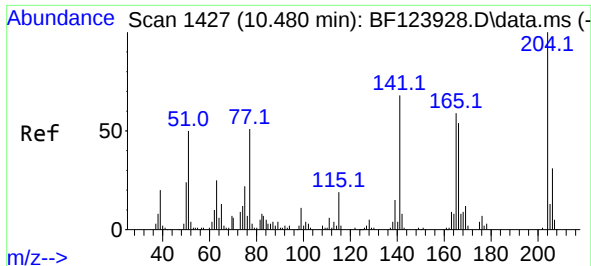
mohammad
5/20/2021 11:34:50 AM



#60
Diethylphthalate
Concen: 41.23 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:149 Resp: 309709
Ion Ratio Lower Upper
149 100
177 22.4 15.4 23.2
150 12.9 9.9 14.9





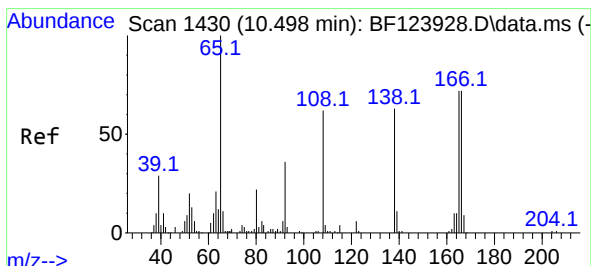
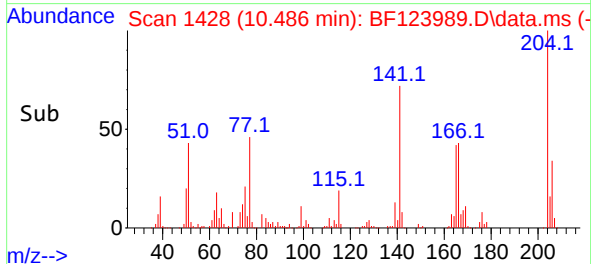
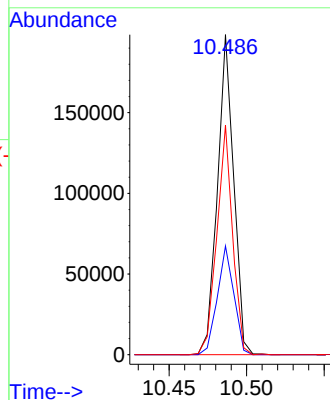
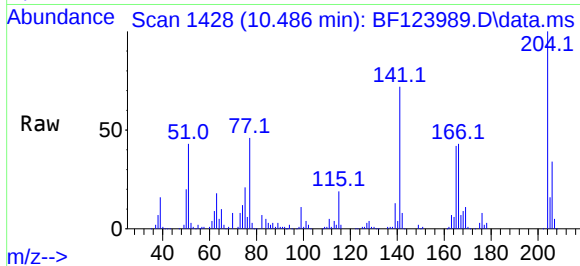
#61
4-Chlorophenyl-phenylether
Concen: 39.73 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Instrument :
BNA_F
ClientSampled :
GPLDMSD

Tgt Ion:204 Resp: 144796
Ion Ratio Lower Upper
204 100
206 34.0 25.7 38.5
141 71.7 55.5 83.3

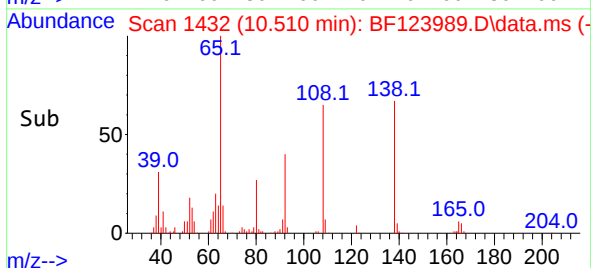
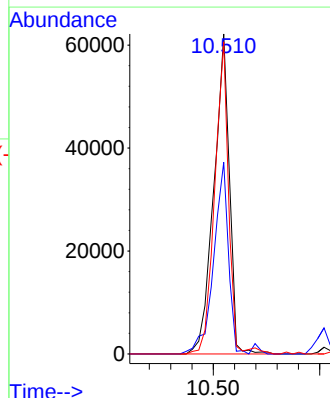
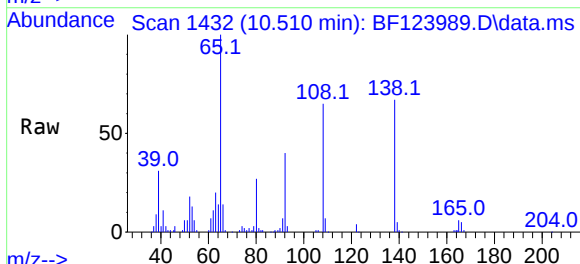
Manual Integrations
APPROVED

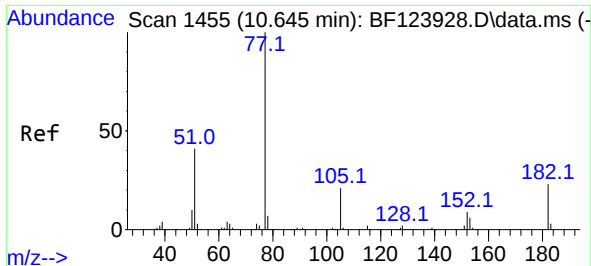
mohammad
5/20/2021 11:34:50 AM



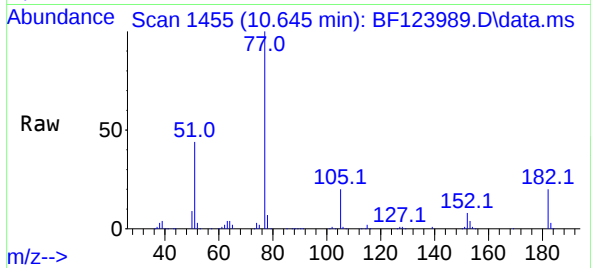
#62
4-Nitroaniline
Concen: 41.60 ng
RT: 10.510 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:138 Resp: 63072
Ion Ratio Lower Upper
138 100
92 59.9 35.8 75.8
108 97.6 63.6 103.6

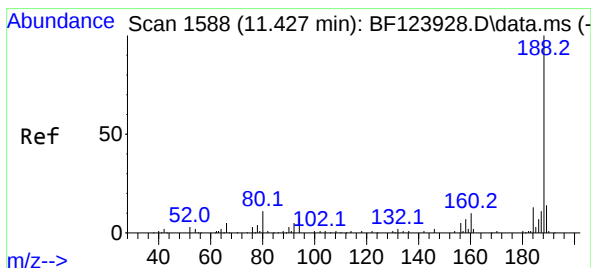
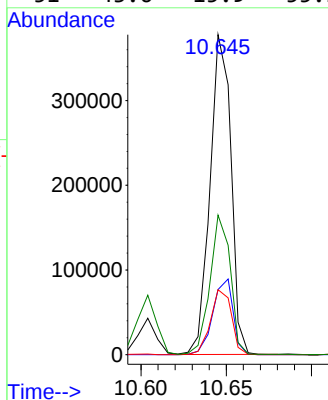
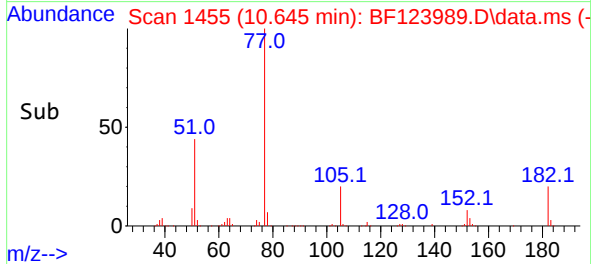




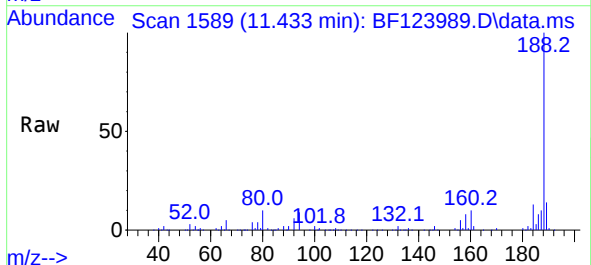
#63
Azobenzene
Concen: 38.62 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



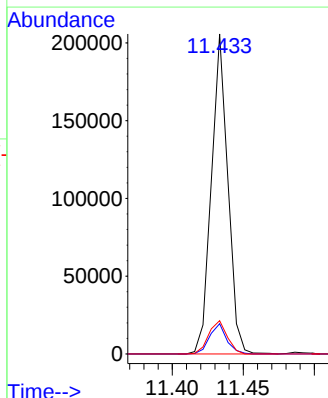
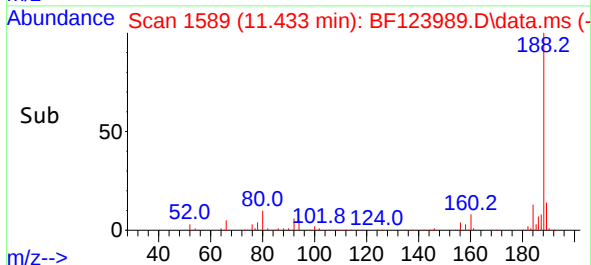
Tgt Ion: 77 Resp: 322592
Ion Ratio Lower Upper
77 100
182 20.4 1.7 41.7
105 20.3 1.7 41.7
51 43.6 15.9 55.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



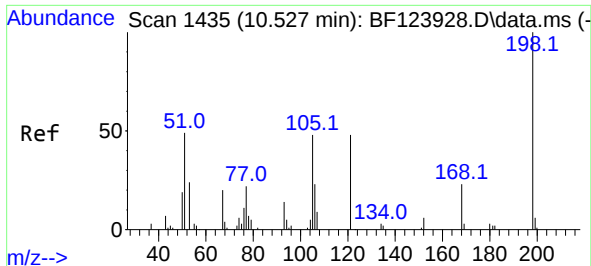
Tgt Ion: 188 Resp: 166132
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.4 8.2 12.2



Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



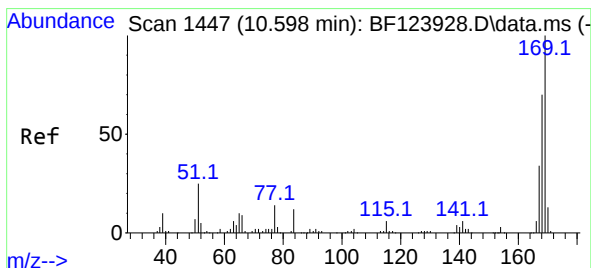
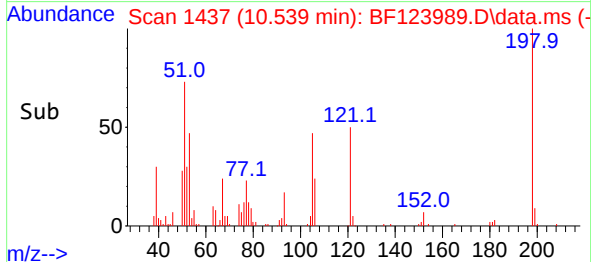
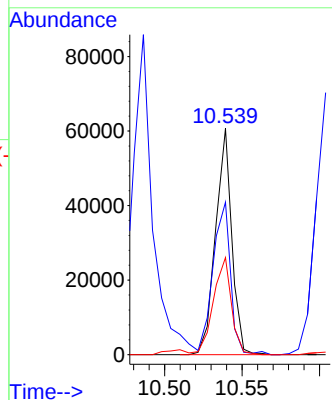
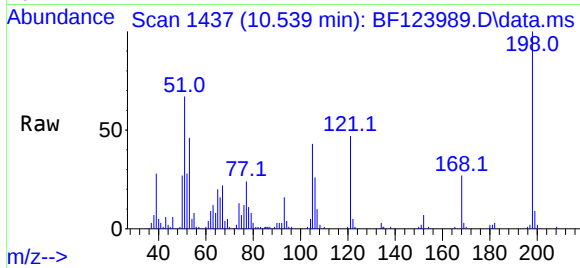
#65
4,6-Dinitro-2-methylphenol
Concen: 42.17 ng
RT: 10.539 min Scan# 1437
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:198 Resp: 44337
Ion Ratio Lower Upper
198 100
51 67.4 64.8 104.8
105 42.9 42.6 82.6

Instrument :
BNA_F
ClientSampled :
GPLDMSD

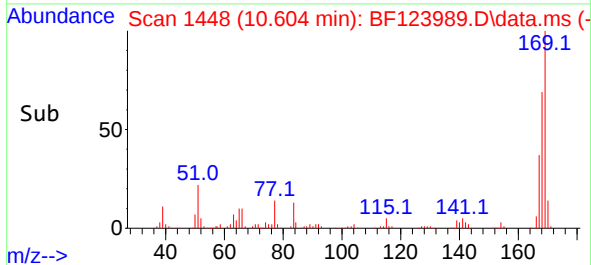
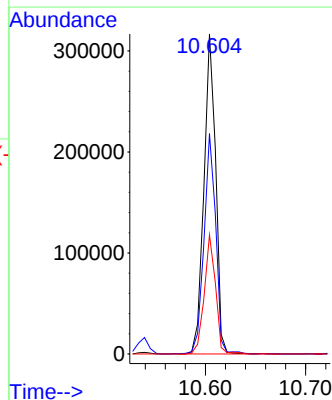
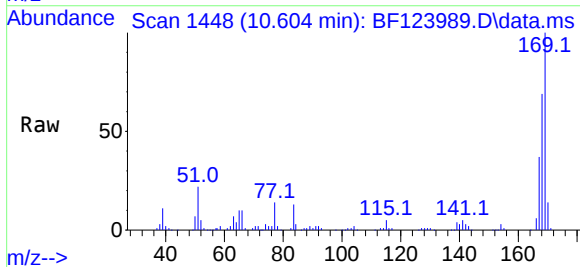
Manual Integrations
APPROVED

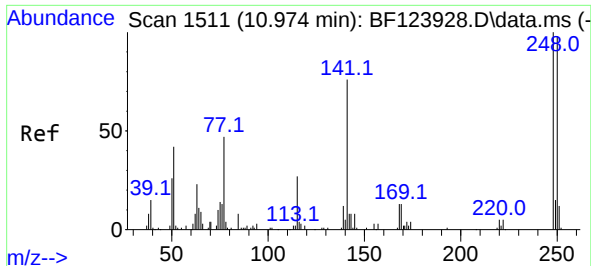
mohammad
5/20/2021 11:34:50 AM



#66
n-Nitrosodiphenylamine
Concen: 40.77 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

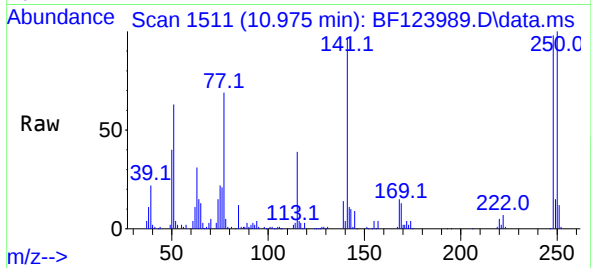
Tgt Ion:169 Resp: 258801
Ion Ratio Lower Upper
169 100
168 68.9 53.3 79.9
167 37.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 40.44 ng
RT: 10.975 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

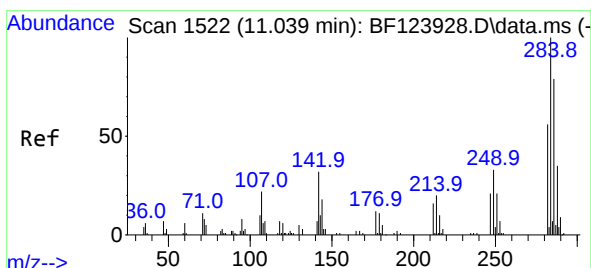
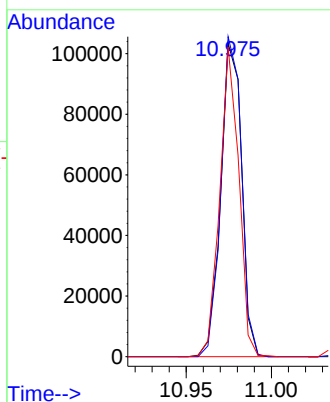
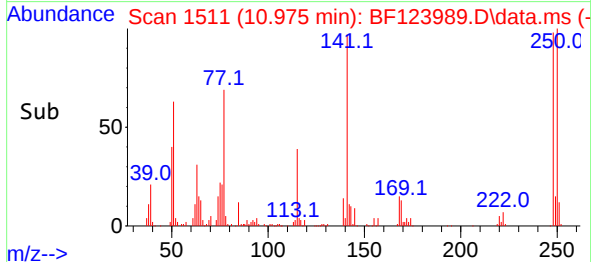
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



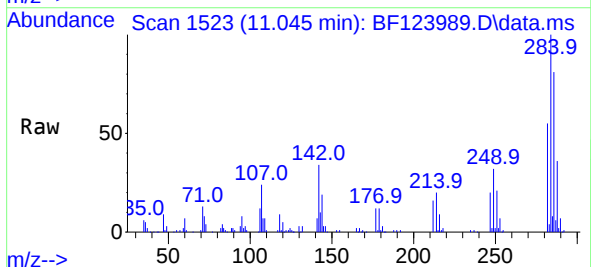
Tgt Ion:248 Resp: 88301
Ion Ratio Lower Upper
248 100
250 102.1 77.4 116.2
141 98.8 63.7 95.5#

Manual Integrations
APPROVED

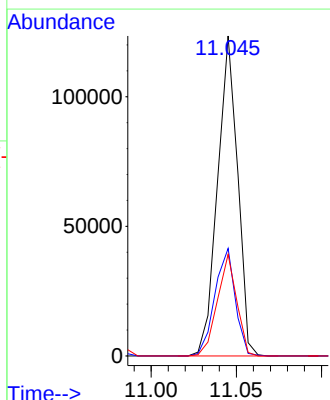
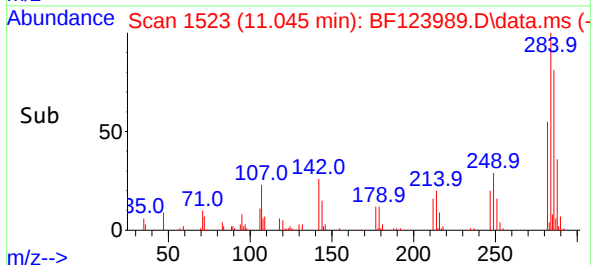
mohammad
5/20/2021 11:34:50 AM

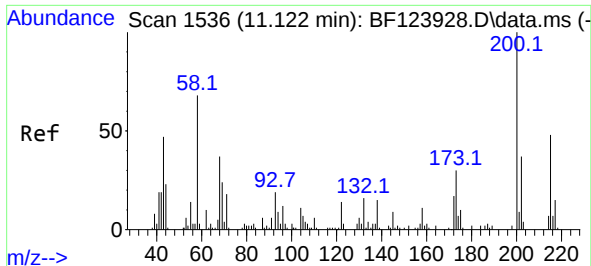


#68
Hexachlorobenzene
Concen: 41.44 ng
RT: 11.045 min Scan# 1523
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:284 Resp: 100995
Ion Ratio Lower Upper
284 100
142 33.6 28.3 42.5
249 31.7 23.5 35.3





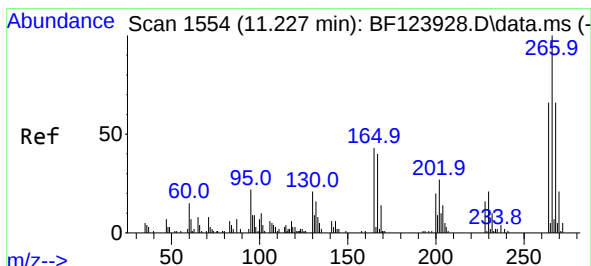
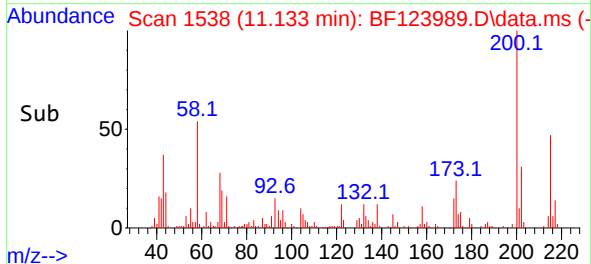
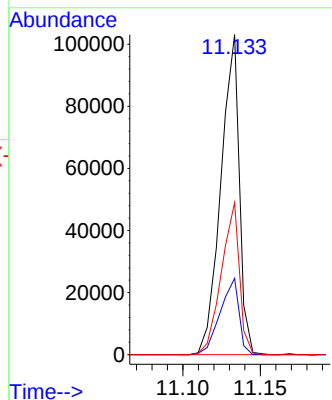
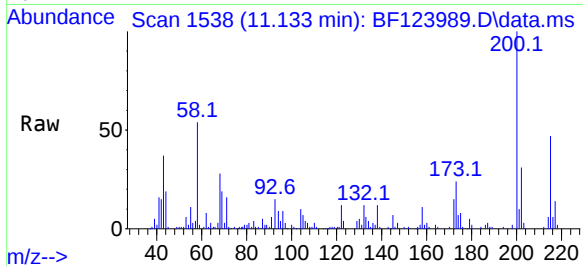
#69
Atrazine
Concen: 47.62 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:200 Resp: 85383
Ion Ratio Lower Upper
200 100
173 23.8 6.9 46.9
215 47.5 26.5 66.5

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

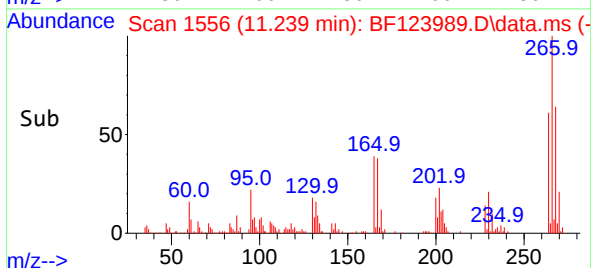
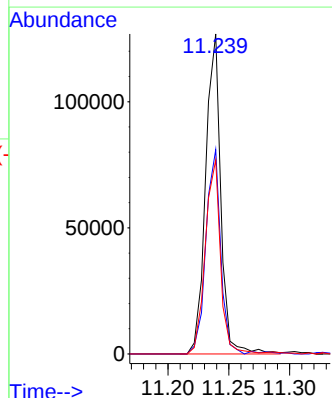
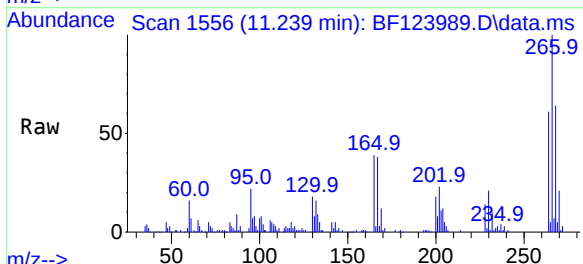
Manual Integrations
APPROVED

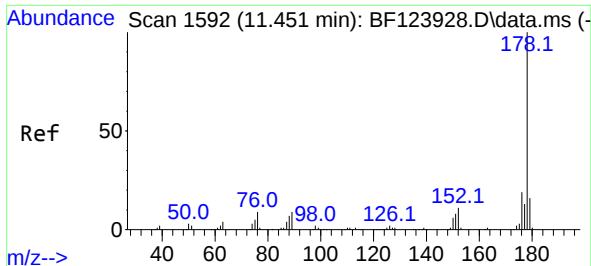
mohammad
5/20/2021 11:34:50 AM



#70
Pentachlorophenol
Concen: 76.36 ng
RT: 11.239 min Scan# 1556
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

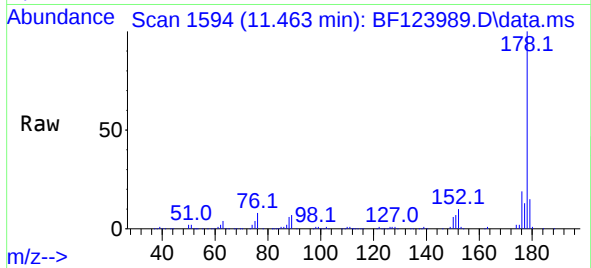
Tgt Ion:266 Resp: 110342
Ion Ratio Lower Upper
266 100
268 63.9 51.6 77.4
264 60.7 52.6 78.8





#71
Phenanthrene
Concen: 41.49 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

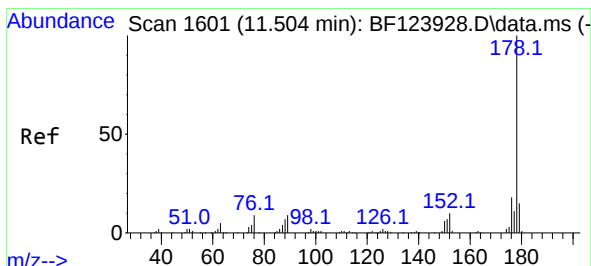
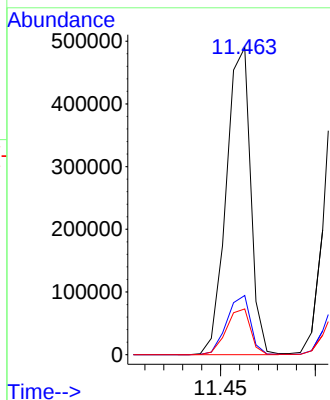
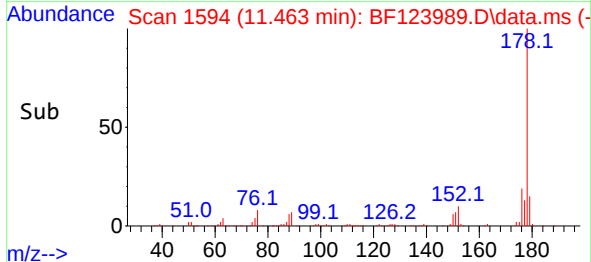
Instrument :
BNA_F
ClientSampled :
GPLDMSD



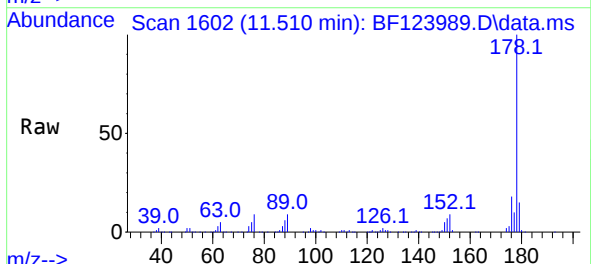
Tgt Ion:178 Resp: 436810
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 14.9 12.5 18.7

Manual Integrations
APPROVED

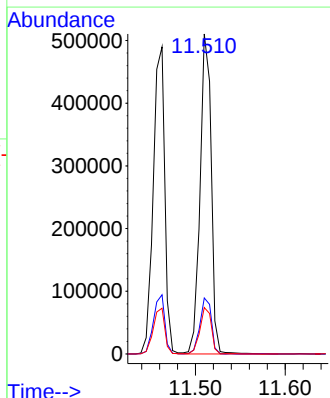
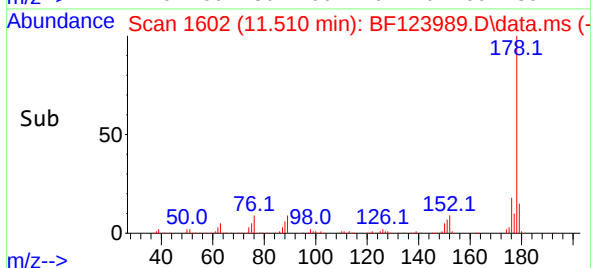
mohammad
5/20/2021 11:34:50 AM

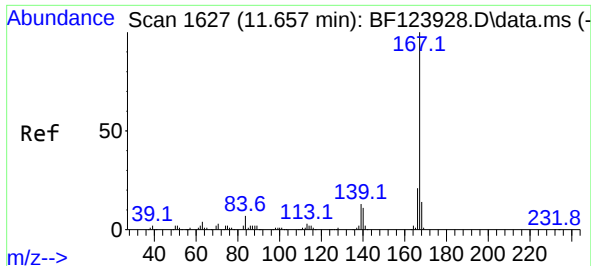


#72
Anthracene
Concen: 41.41 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



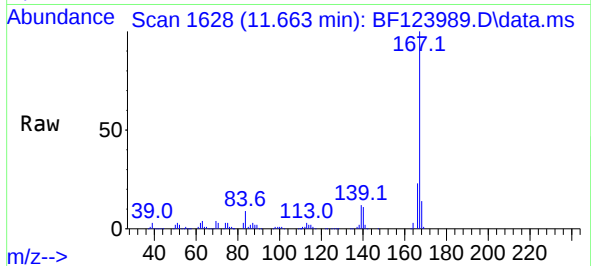
Tgt Ion:178 Resp: 441786
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.0
179 14.5 12.6 18.8





#73
Carbazole
Concen: 37.37 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

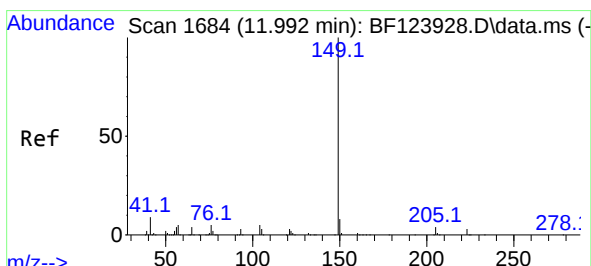
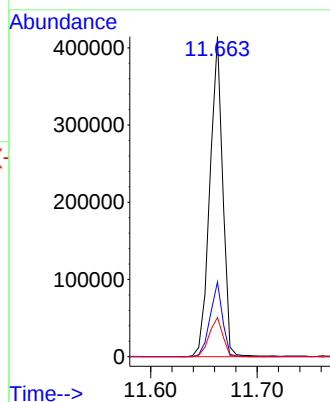
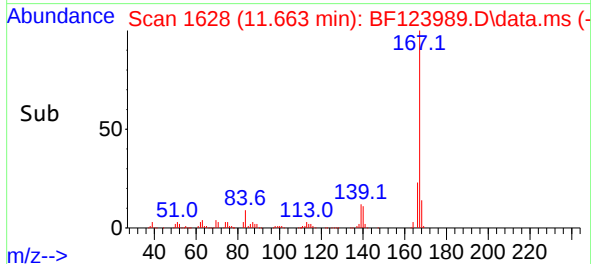
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



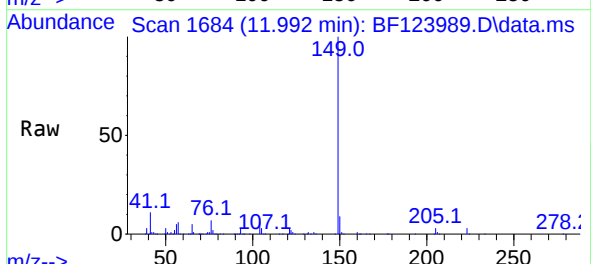
Tgt Ion:167 Resp: 348792
Ion Ratio Lower Upper
167 100
166 23.3 17.0 25.6
139 12.3 10.4 15.6

Manual Integrations
APPROVED

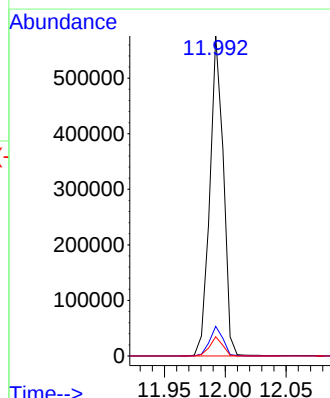
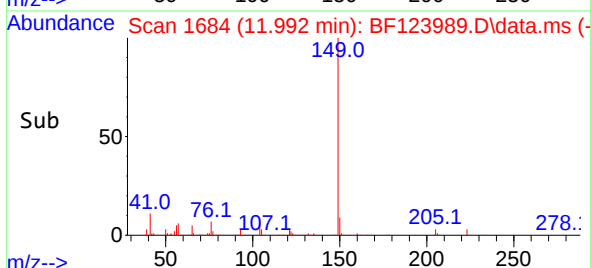
mohammad
5/20/2021 11:34:50 AM

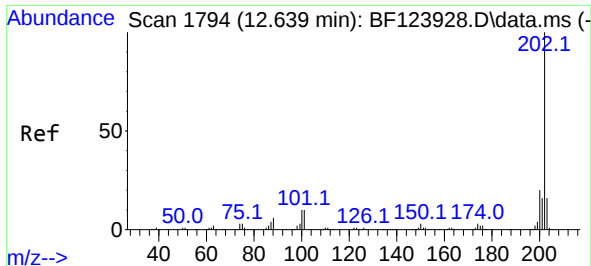


#74
Di-n-butylphthalate
Concen: 38.21 ng
RT: 11.992 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



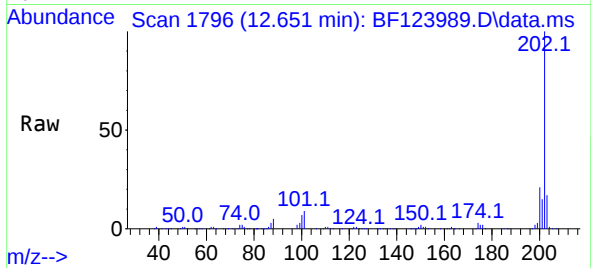
Tgt Ion:149 Resp: 446324
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.8
104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 38.56 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

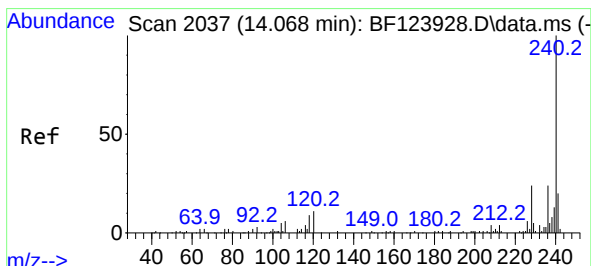
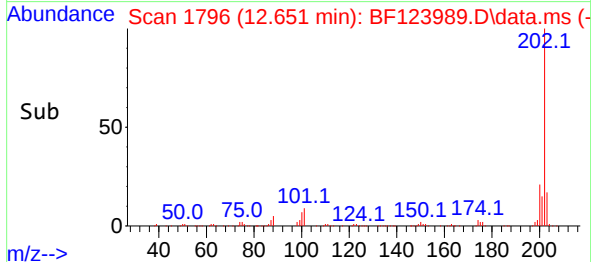
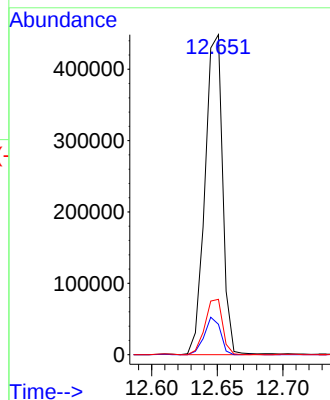
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



Tgt Ion:202 Resp: 420393
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.9
203 17.3 0.0 37.5

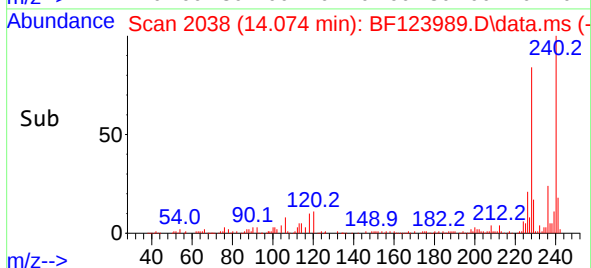
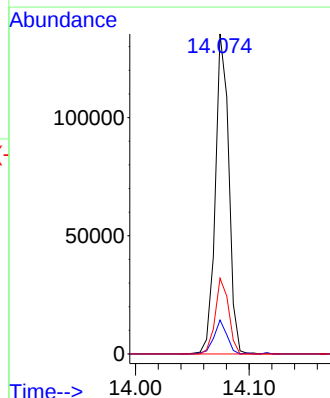
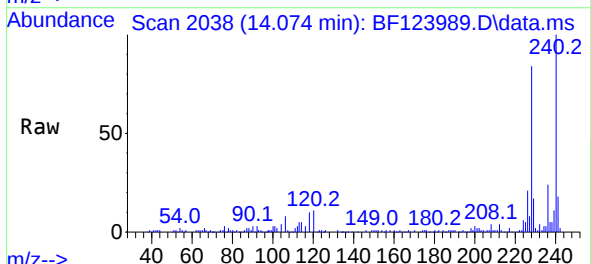
Manual Integrations
APPROVED

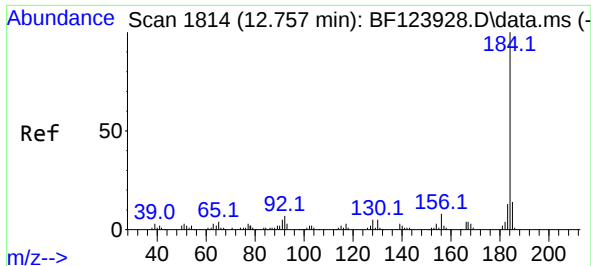
mohammad
5/20/2021 11:34:50 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:240 Resp: 111551
Ion Ratio Lower Upper
240 100
120 10.6 7.2 10.8
236 23.7 19.0 28.4





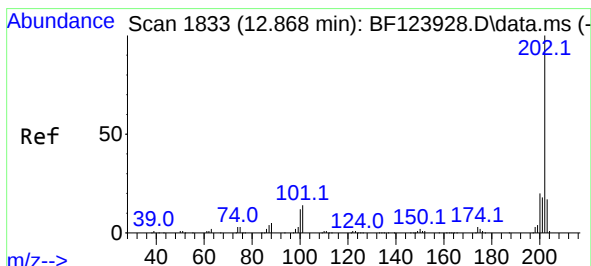
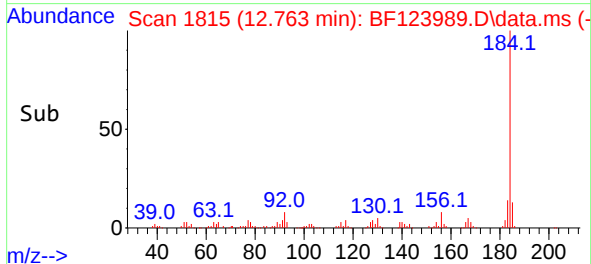
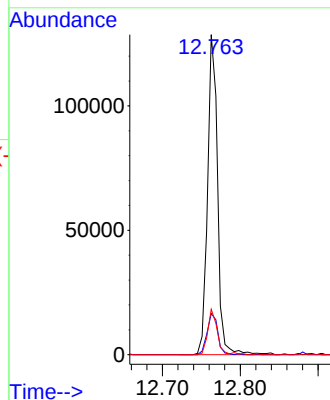
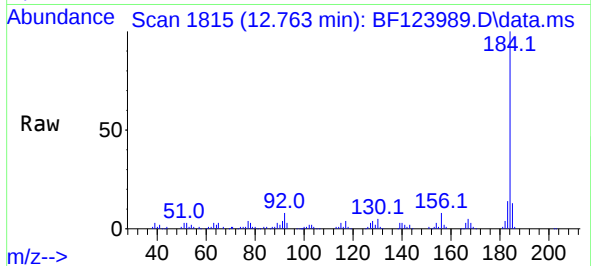
#77
Benzidine
Concen: 42.46 ng m
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:184 Resp: 114274
Ion Ratio Lower Upper
184 100
185 12.8 12.1 18.1
183 14.2 7.8 11.8#

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

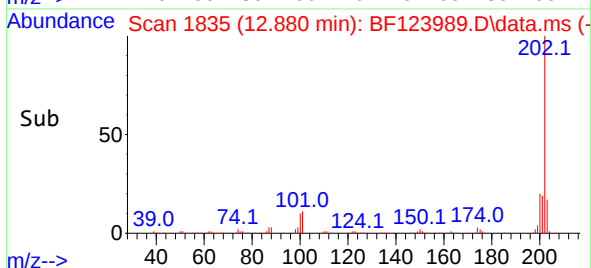
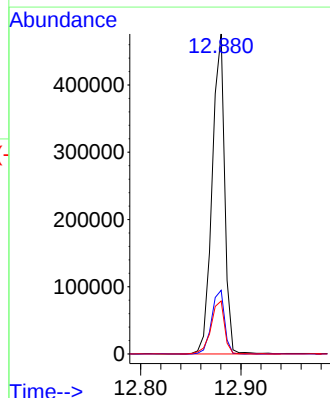
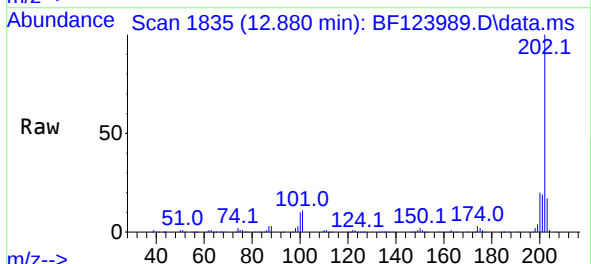
Manual Integrations
APPROVED

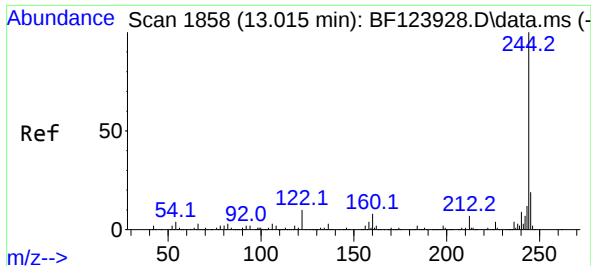
mohammad
5/20/2021 11:34:50 AM



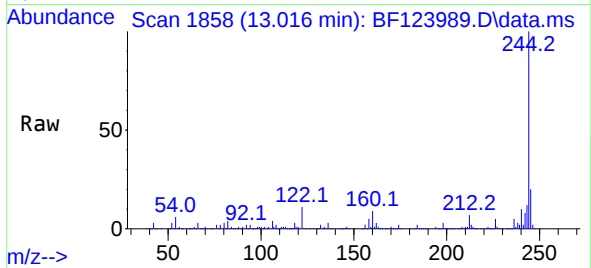
#78
Pyrene
Concen: 41.79 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:202 Resp: 413848
Ion Ratio Lower Upper
202 100
200 19.9 16.1 24.1
203 16.6 14.8 22.2

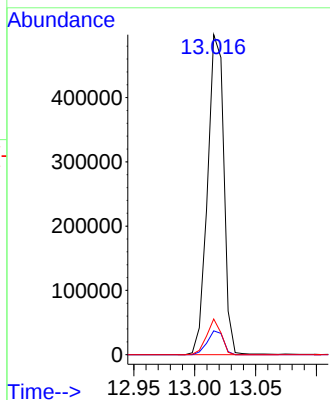
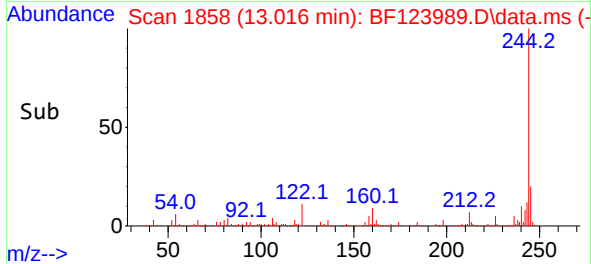




#79
Terphenyl-d14
Concen: 62.65 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



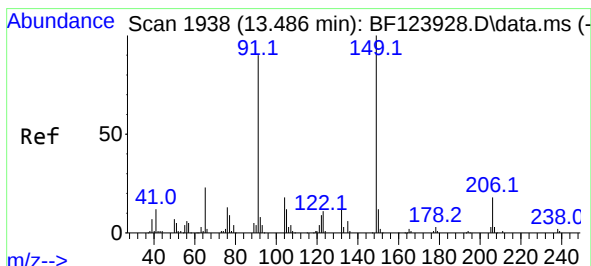
Tgt Ion:244 Resp: 461440
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.2 9.7 14.5



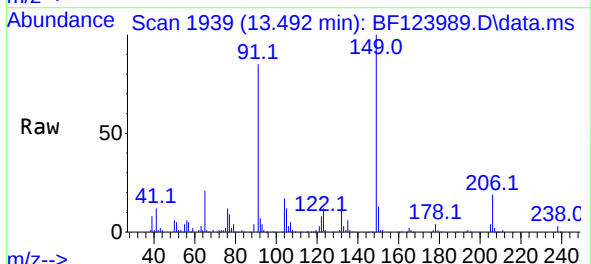
Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations
APPROVED

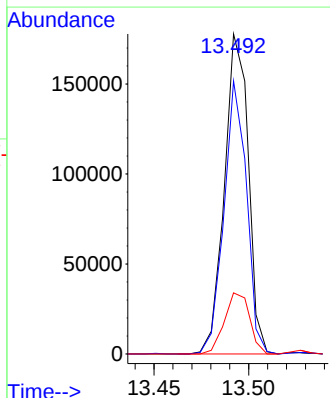
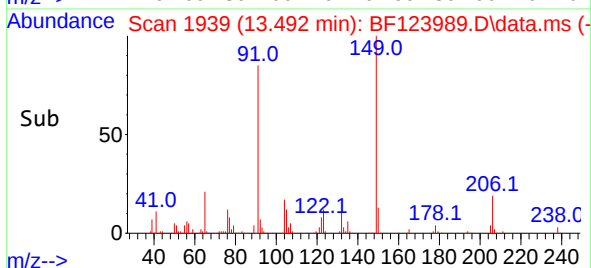
mohammad
5/20/2021 11:34:50 AM

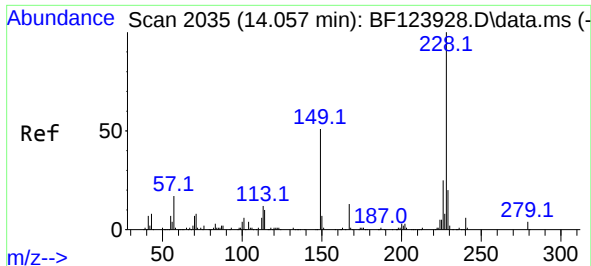


#80
Butylbenzylphthalate
Concen: 40.13 ng
RT: 13.492 min Scan# 1939
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:149 Resp: 155866
Ion Ratio Lower Upper
149 100
91 85.3 63.6 95.4
206 19.1 14.5 21.7





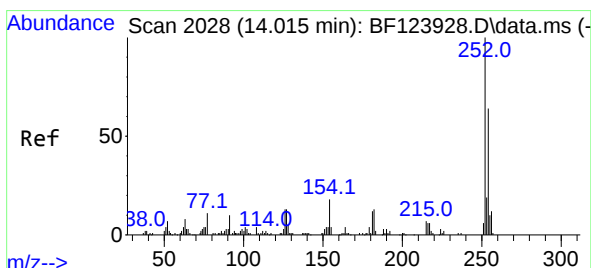
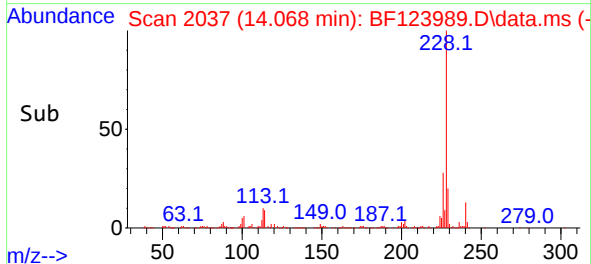
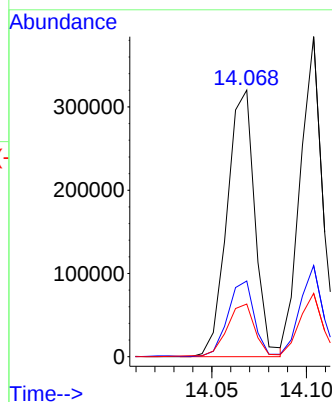
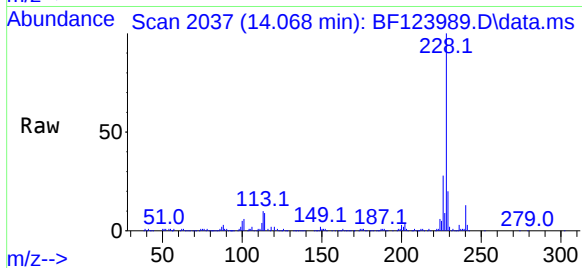
#81
Benzo(a)anthracene
Concen: 40.39 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:228 Resp: 325822
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 19.7 16.0 24.0

Instrument :
BNA_F
ClientSampled :
GPLDMSD

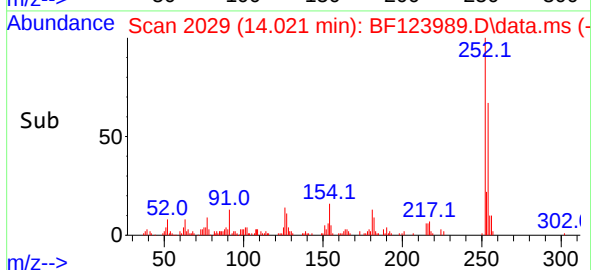
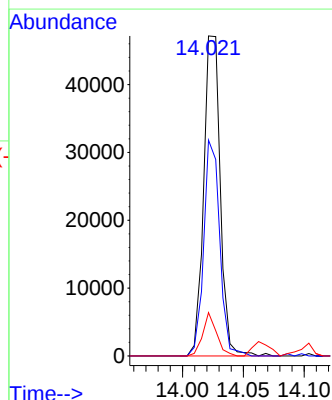
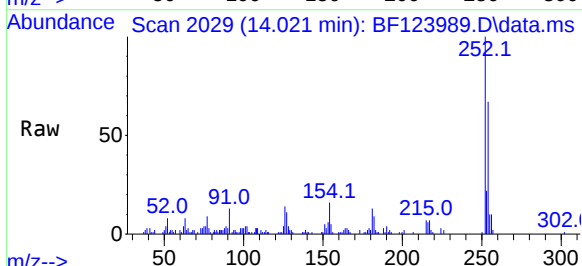
Manual Integrations
APPROVED

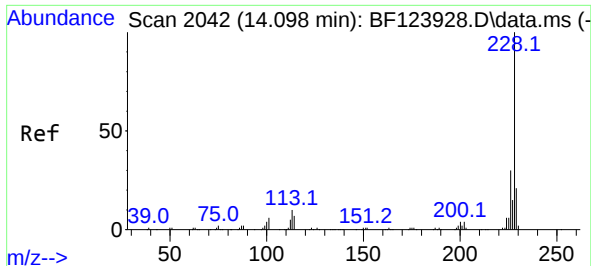
mohammad
5/20/2021 11:34:50 AM



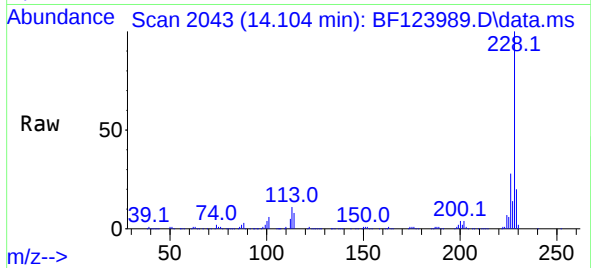
#82
3,3'-Dichlorobenzidine
Concen: 17.93 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:252 Resp: 44938
Ion Ratio Lower Upper
252 100
254 67.4 51.1 76.7
126 13.5 7.7 11.5#

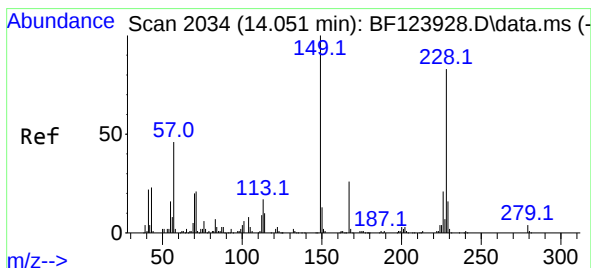
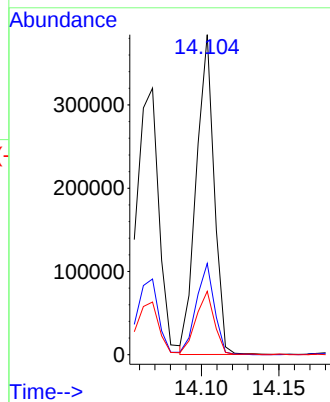
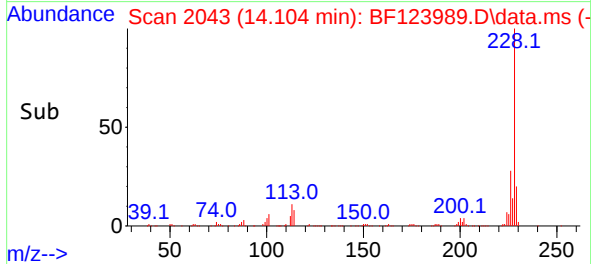




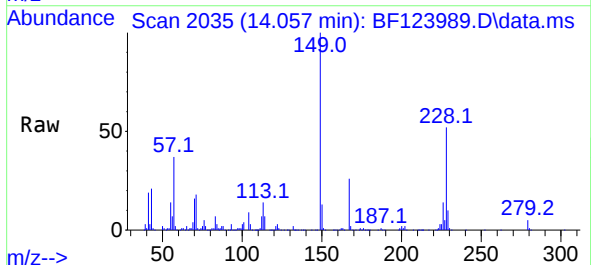
#83
Chrysene
Concen: 39.60 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



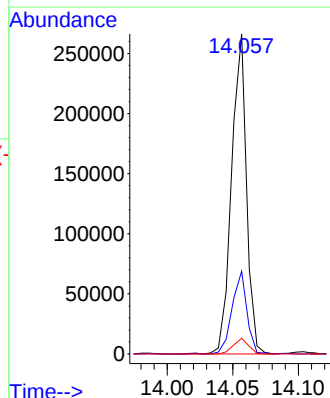
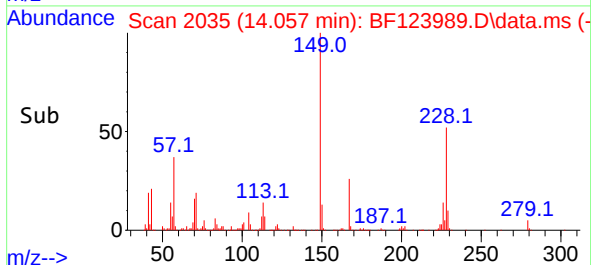
Tgt Ion:228 Resp: 307281
Ion Ratio Lower Upper
228 100
226 28.5 24.3 36.5
229 19.8 16.2 24.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.54 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



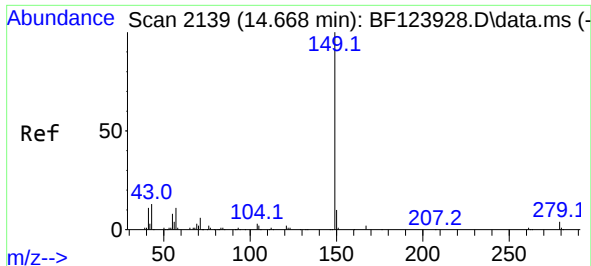
Tgt Ion:149 Resp: 211205
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.6
279 4.9 3.3 4.9#



Instrument :
BNA_F
ClientSampleId :
GPLDMSD

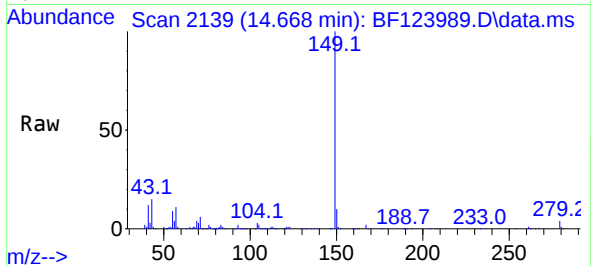
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM

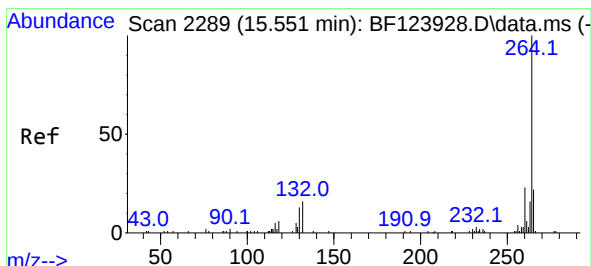
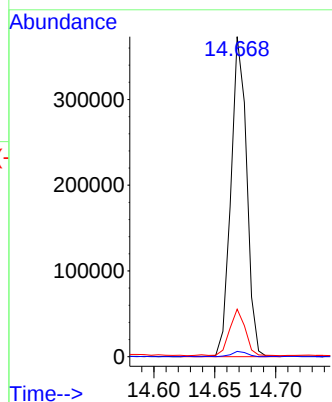
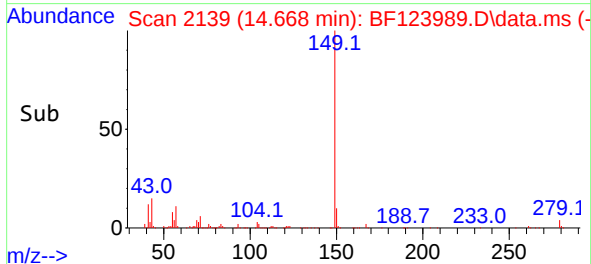


#85
Di-n-octyl phthalate
Concen: 40.74 ng
RT: 14.668 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

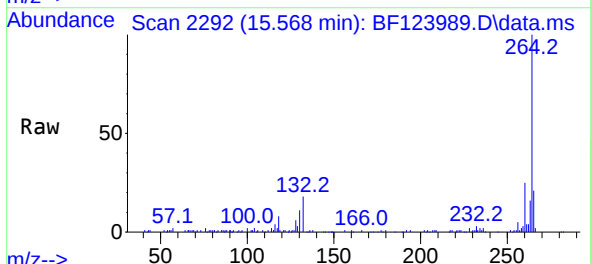
Instrument :
BNA_F
ClientSampleId :
GPLDMSD



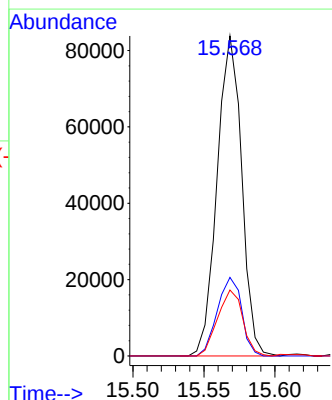
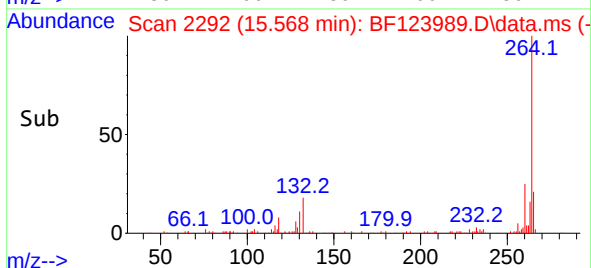
Tgt Ion:149 Resp: 337507
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.6 11.8 17.6

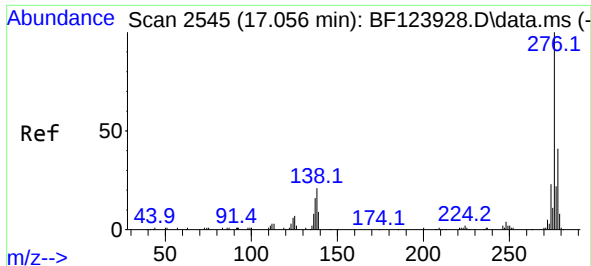


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32



Tgt Ion:264 Resp: 100813
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 20.6 17.8 26.8





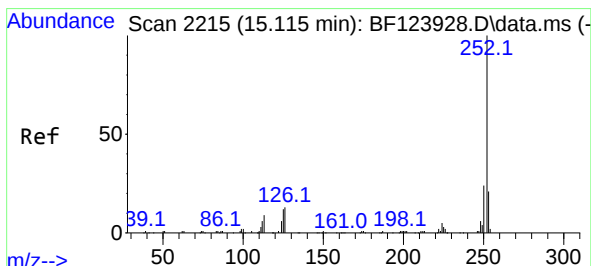
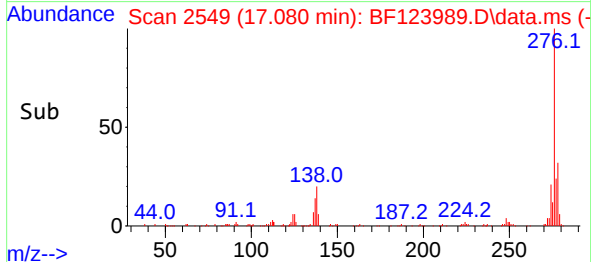
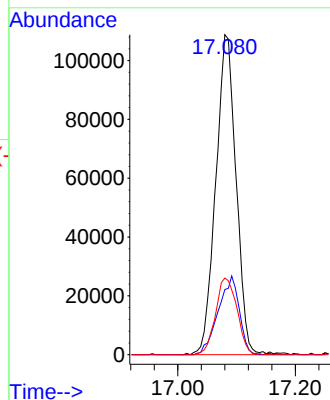
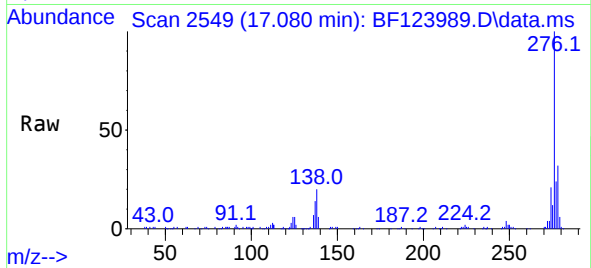
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.54 ng
RT: 17.080 min Scan# 2549
Delta R.T. 0.024 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 276 Resp: 261136
Ion Ratio Lower Upper
276 100
138 25.2 16.2 24.2#
277 25.3 20.1 30.1

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

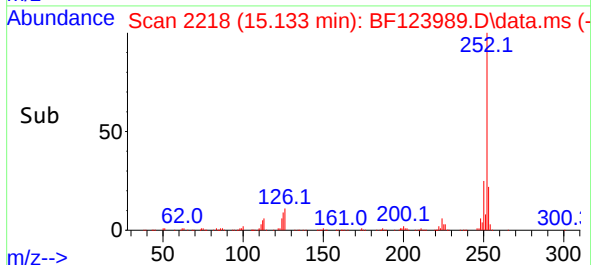
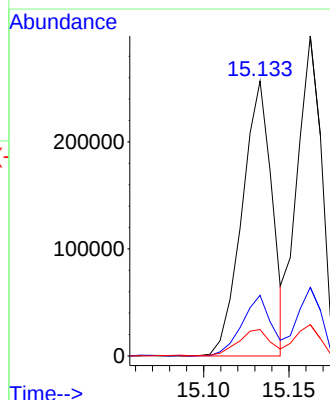
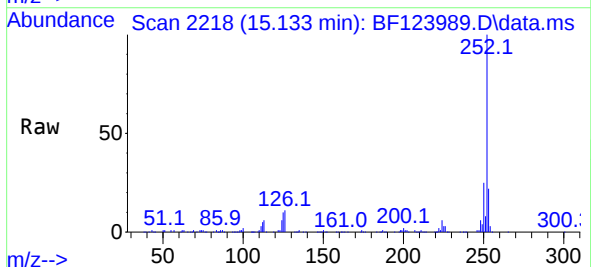
Manual Integrations
APPROVED

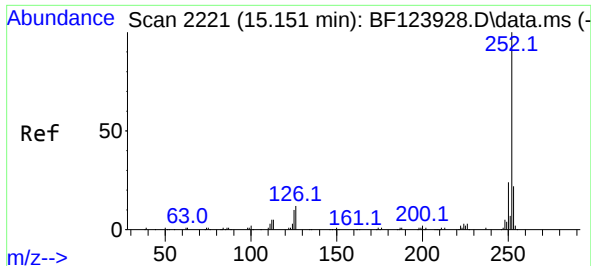
mohammad
5/20/2021 11:34:50 AM



#88
Benzo(b)fluoranthene
Concen: 40.33 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.018 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 252 Resp: 314539
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.6 6.2 9.4#





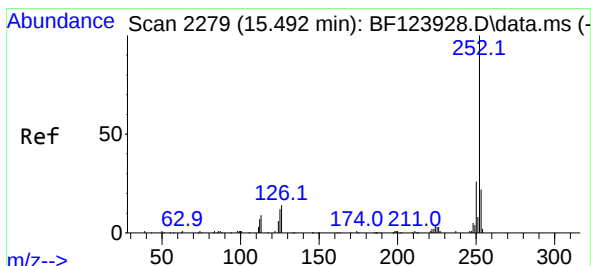
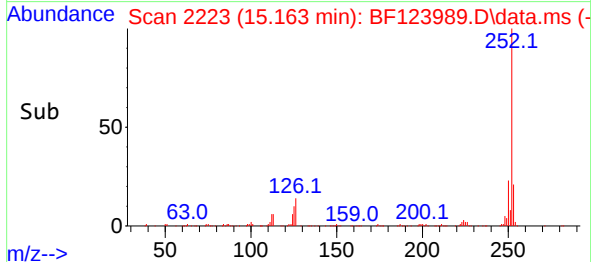
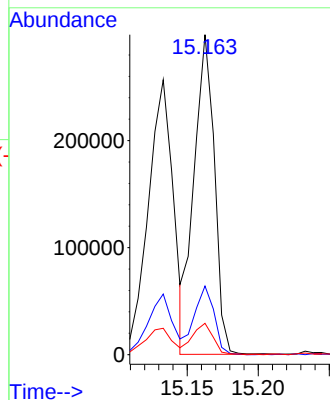
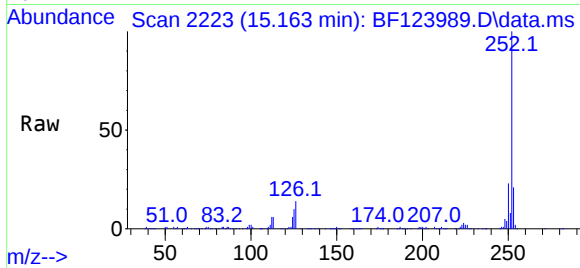
#89
Benzo(k)fluoranthene
Concen: 41.83 ng
RT: 15.163 min Scan# 2223
Delta R.T. 0.012 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:252 Resp: 297323
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 9.8 7.0 10.6

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

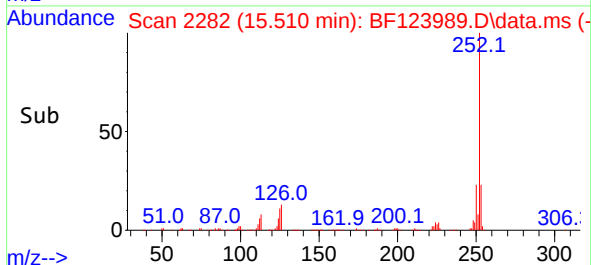
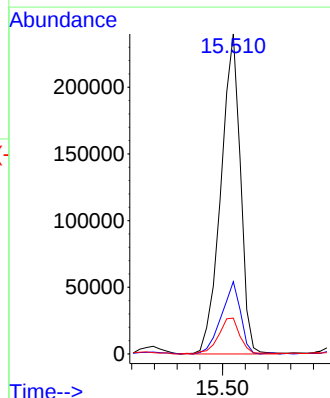
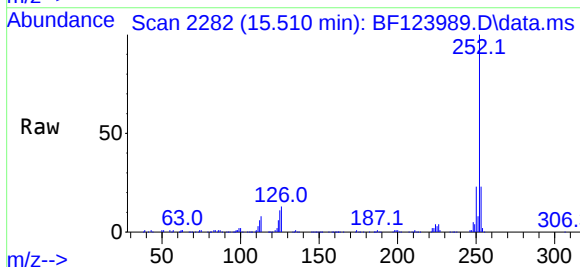
Manual Integrations
APPROVED

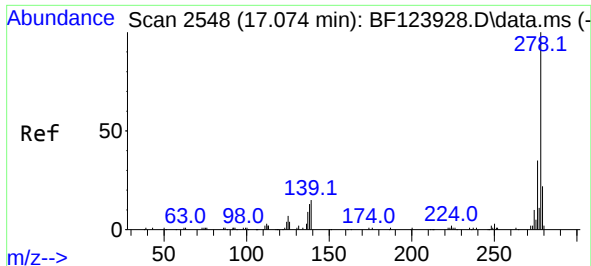
mohammad
5/20/2021 11:34:50 AM



#90
Benzo(a)pyrene
Concen: 42.63 ng
RT: 15.510 min Scan# 2282
Delta R.T. 0.018 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion:252 Resp: 287377
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 11.2 8.0 12.0





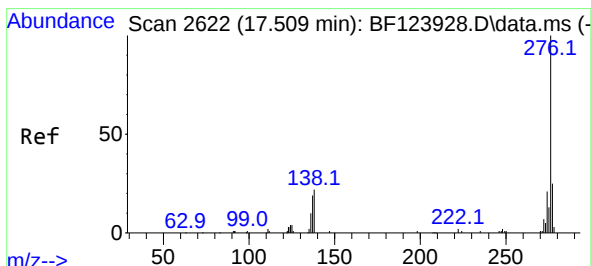
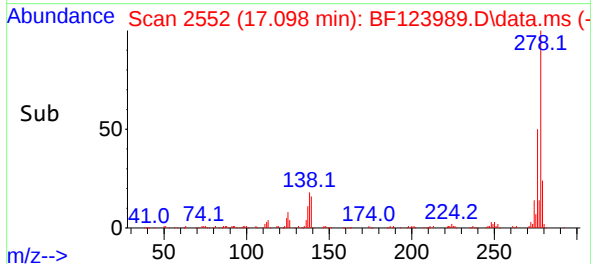
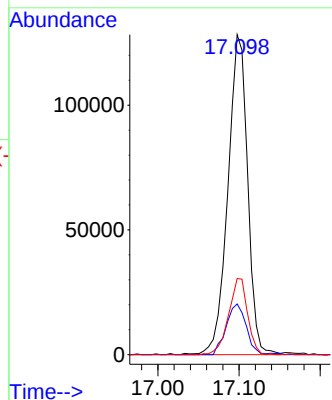
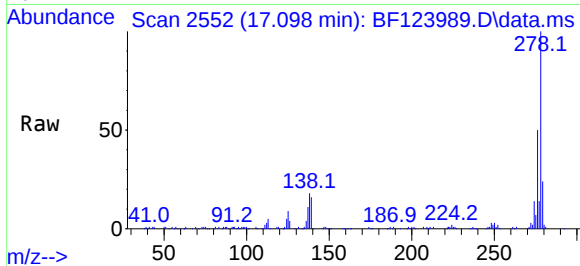
#91
Dibenzo(a,h)anthracene
Concen: 33.04 ng
RT: 17.098 min Scan# 2552
Delta R.T. 0.024 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 278 Resp: 216638
Ion Ratio Lower Upper
278 100
139 15.9 10.2 15.2#
279 23.8 19.4 29.0

Instrument :
BNA_F
ClientSampled :
GPLDMSD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:50 AM



#92
Benzo(g,h,i)perylene
Concen: 31.73 ng
RT: 17.539 min Scan# 2627
Delta R.T. 0.029 min
Lab File: BF123989.D
Acq: 19 May 2021 14:32

Tgt Ion: 276 Resp: 208608
Ion Ratio Lower Upper
276 100
277 21.4 18.2 27.2
138 20.1 13.8 20.6

