

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128234.D
 Acq On : 13 May 2022 12:15
 Operator : CG\JU
 Sample : PB144784BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144784BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 00:55:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	86700	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	337274	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	189980	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	337770	20.000	ng	0.00
76) Chrysene-d12	14.069	240	234493	20.000	ng	0.00
86) Perylene-d12	15.557	264	180803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	429829	79.032	ng	0.01
7) Phenol-d6	6.522	99	548424	76.239	ng	0.00
23) Nitrobenzene-d5	7.457	82	573569	76.521	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	168807	77.476	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	953715	78.549	ng	0.00
79) Terphenyl-d14	13.010	244	1108726	88.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	86373	35.701	ng	96
3) Pyridine	3.563	79	201661	31.419	ng	96
4) n-Nitrosodimethylamine	3.540	42	132122	41.293	ng	92
6) Aniline	6.551	93	240225	29.571	ng	97
8) 2-Chlorophenol	6.675	128	230481	41.607	ng	99
9) Benzaldehyde	6.446	77	152657	43.418	ng	96
10) Phenol	6.534	94	301627	39.762	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	230539	40.579	ng	97
12) 1,3-Dichlorobenzene	6.828	146	246434	39.525	ng	96
13) 1,4-Dichlorobenzene	6.904	146	248383	39.425	ng	98
14) 1,2-Dichlorobenzene	7.057	146	238151	40.114	ng	99
15) Benzyl Alcohol	7.034	79	233190	41.021	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	328234	38.961	ng	96
17) 2-Methylphenol	7.146	107	192099	40.876	ng	# 93
18) Hexachloroethane	7.393	117	98386	41.336	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	181678	41.011	ng	98
20) 3+4-Methylphenols	7.293	107	232050	39.878	ng	# 84
22) Acetophenone	7.298	105	335604	39.960	ng	# 87
24) Nitrobenzene	7.475	77	280325	40.522	ng	100
25) Isophorone	7.710	82	512139	43.582	ng	98
26) 2-Nitrophenol	7.787	139	123224	40.565	ng	95
27) 2,4-Dimethylphenol	7.822	122	210236	44.901	ng	93
28) bis(2-Chloroethoxy)met...	7.916	93	288824	38.883	ng	99
29) 2,4-Dichlorophenol	8.034	162	195309	39.678	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	220004	38.997	ng	98
31) Naphthalene	8.192	128	654947	39.320	ng	100
32) Benzoic acid	7.963	122	120494	34.412	ng	93
33) 4-Chloroaniline	8.240	127	131625	19.906	ng	96
34) Hexachlorobutadiene	8.298	225	146322	38.626	ng	98
35) Caprolactam	8.628	113	62402m	38.836	ng	
36) 4-Chloro-3-methylphenol	8.734	107	223613	40.657	ng	97
37) 2-Methylnaphthalene	8.887	142	444132	39.548	ng	98
38) 1-Methylnaphthalene	8.987	142	420268	38.964	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	223111	39.813	ng	99
41) Hexachlorocyclopentadiene	9.034	237	225694	87.599	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	142558	39.485	ng	98

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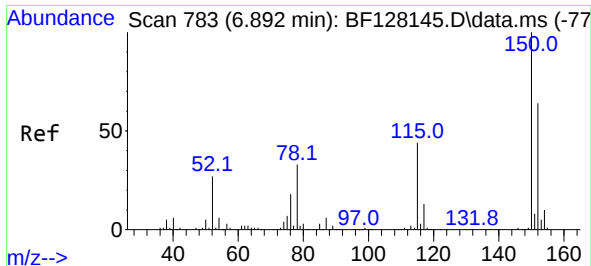
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	149623	38.867	ng	98
46) 1,1'-Biphenyl	9.351	154	553459	40.017	ng	99
47) 2-Chloronaphthalene	9.375	162	406035	39.610	ng	96
48) 2-Nitroaniline	9.481	65	149792	40.757	ng	97
49) Acenaphthylene	9.792	152	656106	42.316	ng	100
50) Dimethylphthalate	9.651	163	500504	40.825	ng	100
51) 2,6-Dinitrotoluene	9.722	165	112825	41.953	ng	99
52) Acenaphthene	9.963	154	478433m	44.504	ng	
53) 3-Nitroaniline	9.892	138	70851	24.301	ng	93
54) 2,4-Dinitrophenol	10.004	184	111464	74.920	ng	# 78
55) Dibenzofuran	10.139	168	591713	38.766	ng	98
56) 4-Nitrophenol	10.063	139	146929	72.122	ng	86
57) 2,4-Dinitrotoluene	10.128	165	149355	41.533	ng	# 80
58) Fluorene	10.481	166	477065	40.126	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	124553	37.859	ng	97
60) Diethylphthalate	10.351	149	502137	41.052	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	236912	39.958	ng	94
62) 4-Nitroaniline	10.510	138	108066	36.563	ng	90
63) Azobenzene	10.634	77	529778	39.553	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	81137	38.382	ng	100
66) n-Nitrosodiphenylamine	10.592	169	416541	42.314	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	154919	42.631	ng	93
68) Hexachlorobenzene	11.028	284	170863	42.983	ng	98
69) Atrazine	11.122	200	147844	44.523	ng	97
70) Pentachlorophenol	11.228	266	155903	80.811	ng	97
71) Phenanthrene	11.451	178	705737	41.961	ng	99
72) Anthracene	11.504	178	712881	42.453	ng	100
73) Carbazole	11.657	167	626891	39.259	ng	100
74) Di-n-butylphthalate	11.975	149	776414	42.236	ng	100
75) Fluoranthene	12.639	202	734183	40.264	ng	97
77) Benzidine	12.757	184	226151	44.529	ng	98
78) Pyrene	12.869	202	753061	44.290	ng	100
80) Butylbenzylphthalate	13.475	149	304224	43.038	ng	98
81) Benzo(a)anthracene	14.057	228	626556	41.832	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	128670	38.286	ng	100
83) Chrysene	14.098	228	569185	39.828	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	407296	42.645	ng	98
85) Di-n-octyl phthalate	14.645	149	620508	40.672	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	464843	42.502	ng	95
88) Benzo(b)fluoranthene	15.121	252	492888	43.977	ng	98
89) Benzo(k)fluoranthene	15.151	252	478894	43.286	ng	99
90) Benzo(a)pyrene	15.498	252	446688	49.367	ng	# 97
91) Dibenzo(a,h)anthracene	17.098	278	405011	45.741	ng	# 96
92) Benzo(g,h,i)perylene	17.545	276	410283	45.763	ng	97

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



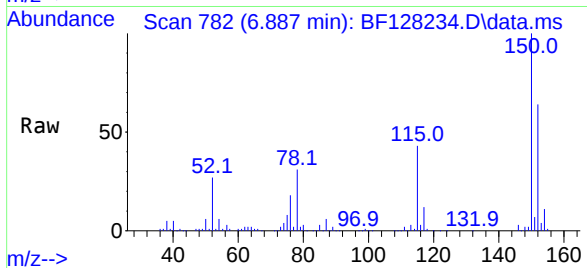
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

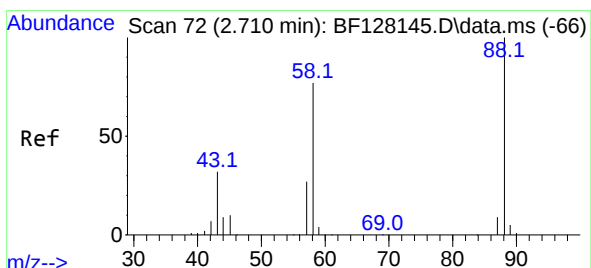
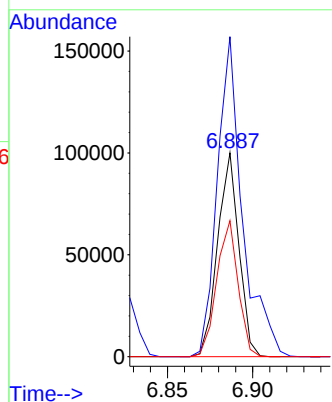
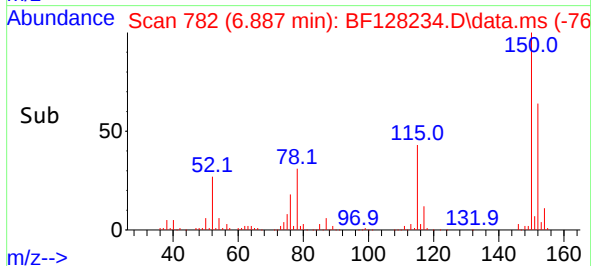


Tgt Ion:152 Resp: 86700
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 66.7 48.8 73.2

Manual Integrations

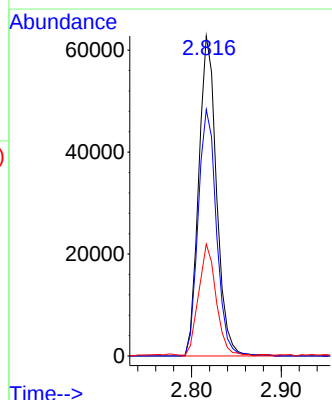
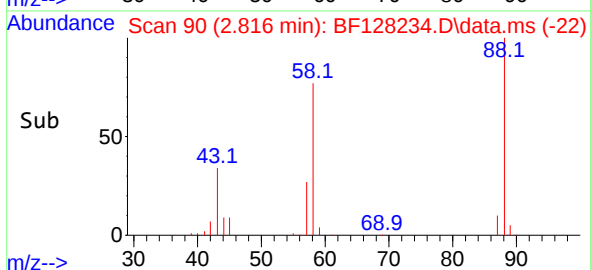
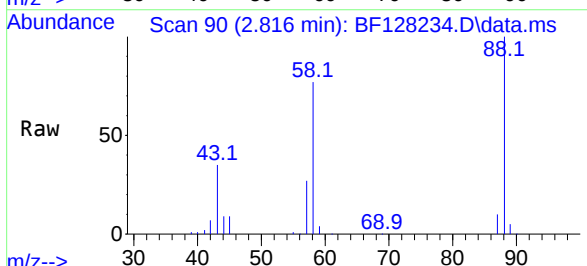
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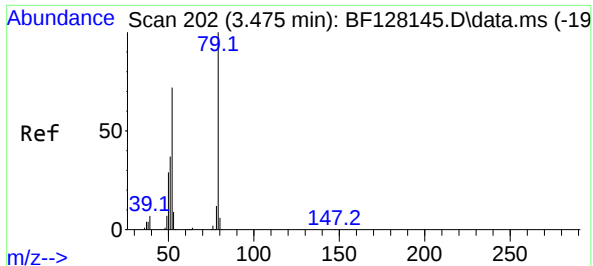
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#2
1,4-Dioxane
Concen: 35.701 ng
RT: 2.816 min Scan# 90
Delta R.T. 0.100 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

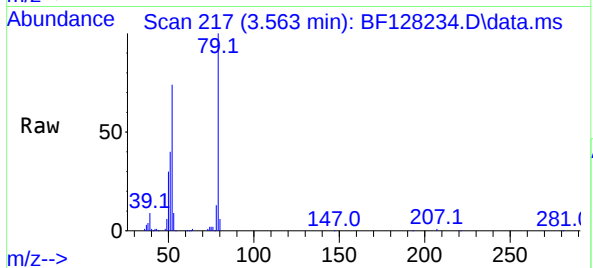
Tgt Ion: 88 Resp: 86373
Ion Ratio Lower Upper
88 100
58 79.0 61.0 91.4
43 34.6 24.9 37.3





#3
Pyridine
Concen: 31.419 ng
RT: 3.563 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

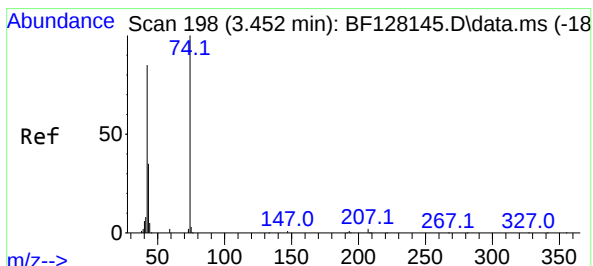
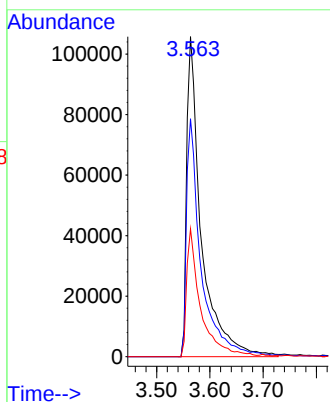
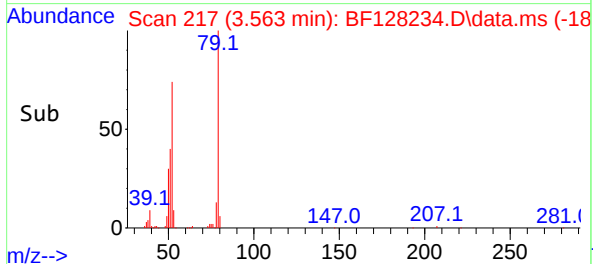
Instrument :
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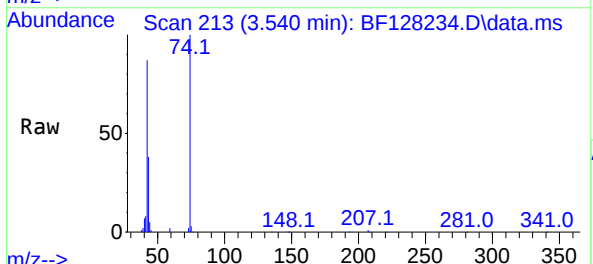
Tgt Ion: 79 Resp: 20166
Ion Ratio Lower Upper
79 100
52 74.3 58.3 87.5
51 39.9 28.6 42.8

Manual Integrations
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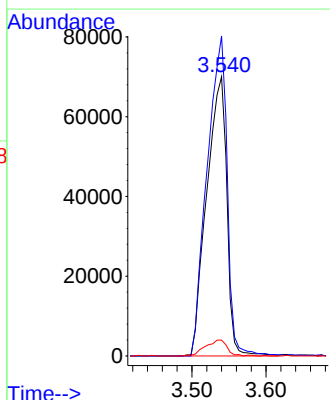
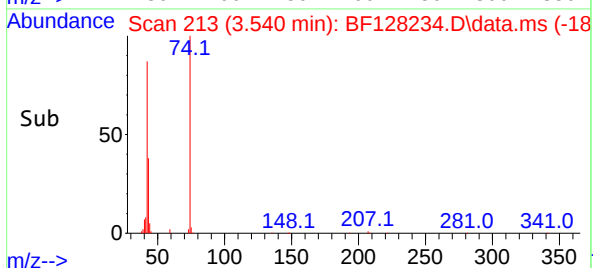
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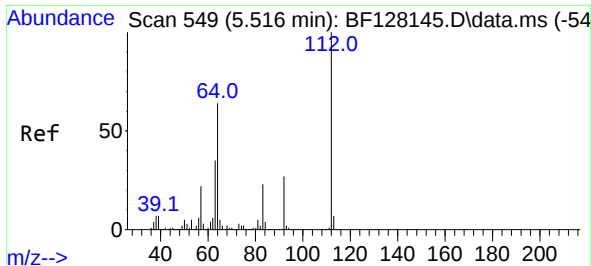


#4
n-Nitrosodimethylamine
Concen: 41.293 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.077 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion: 42 Resp: 132122
Ion Ratio Lower Upper
42 100
74 114.6 99.0 148.4
44 5.7 5.2 7.8





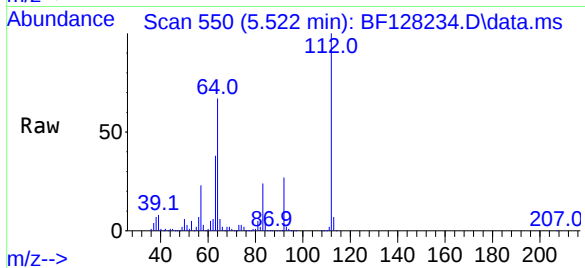
#5
2-Fluorophenol
Concen: 79.032 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

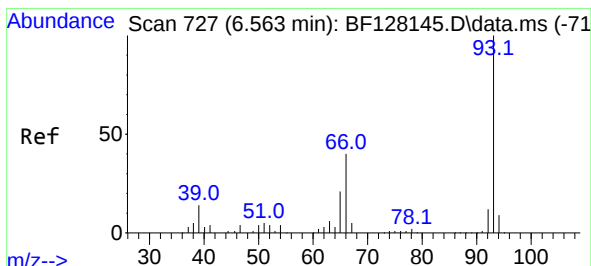
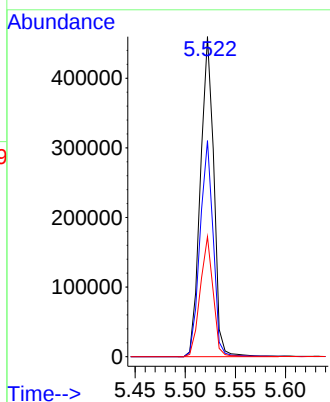
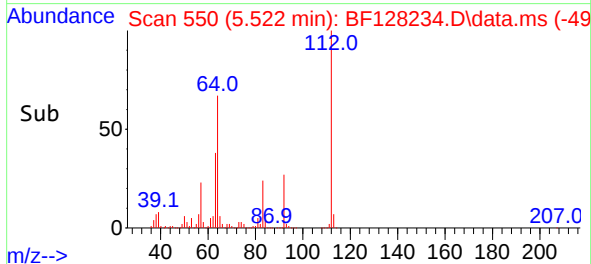


Tgt Ion:112 Resp: 429829
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 37.5 26.3 39.5

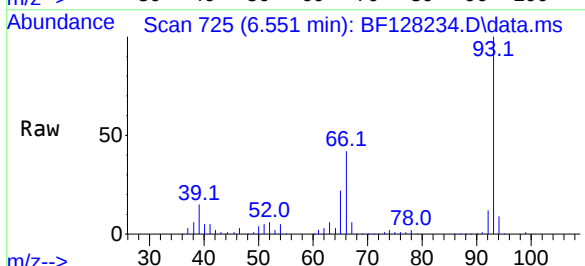
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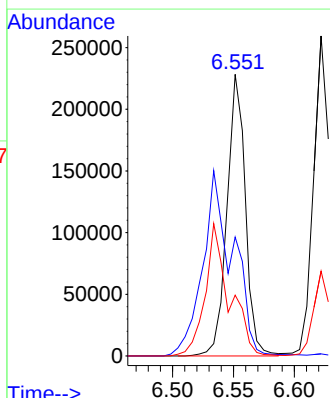
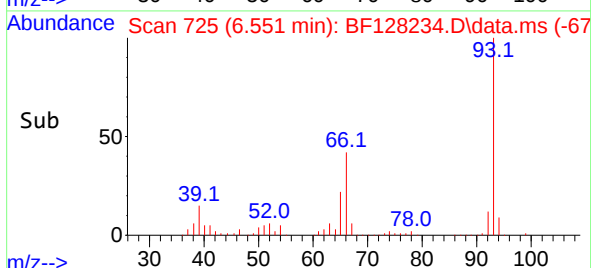
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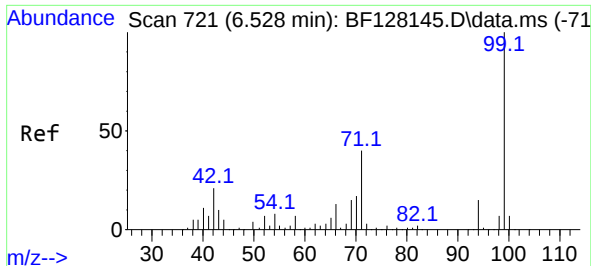


#6
Aniline
Concen: 29.571 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF128234.D
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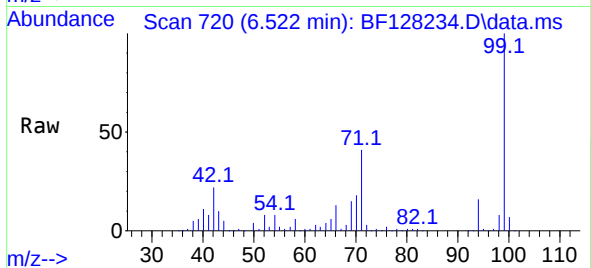
Tgt Ion: 93 Resp: 240225
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.4
65 21.6 16.7 25.1





#7
Phenol-d6
Concen: 76.239 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

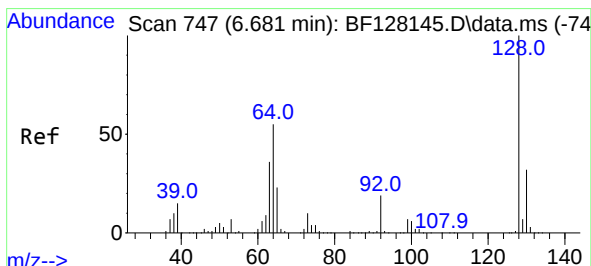
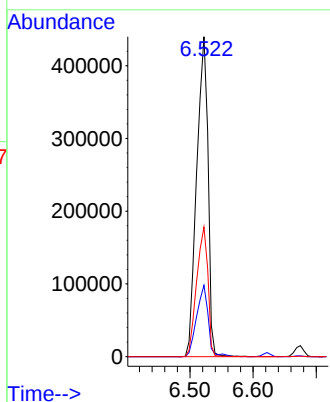
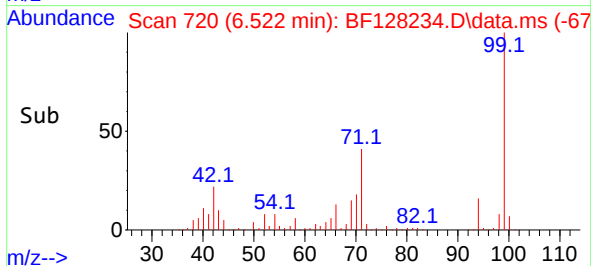
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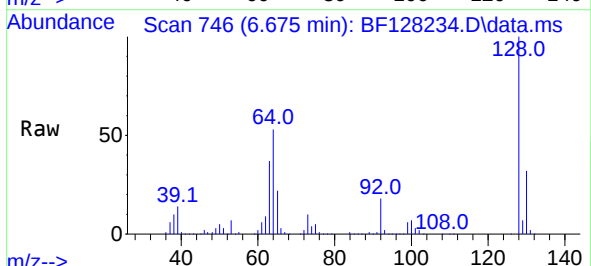
Tgt Ion: 99 Resp: 548424
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 40.5 30.0 45.0

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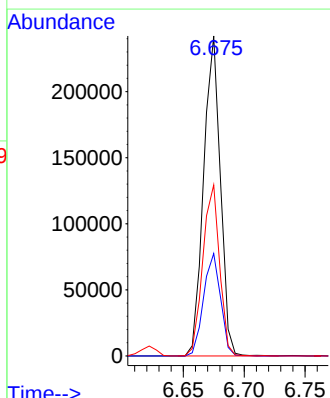
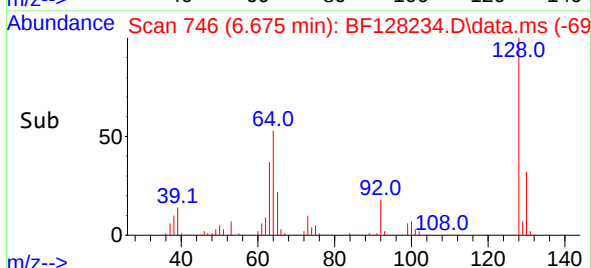
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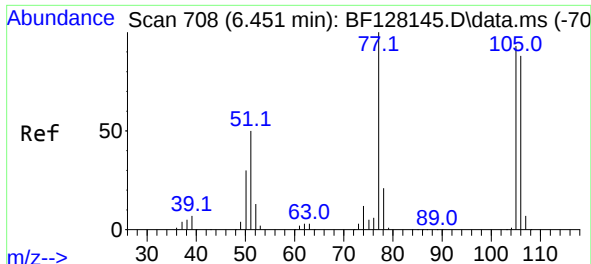


#8
2-Chlorophenol
Concen: 41.607 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:128 Resp: 230481
Ion Ratio Lower Upper
128 100
130 32.0 11.6 51.6
64 53.4 33.8 73.8





#9
Benzaldehyde
Concen: 43.418 ng
RT: 6.446 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

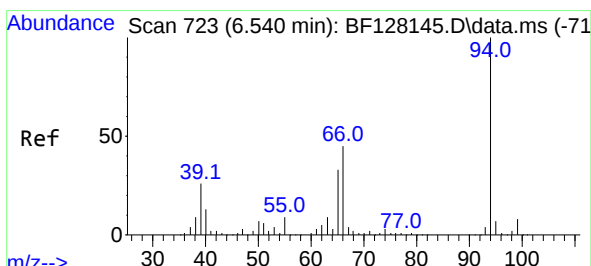
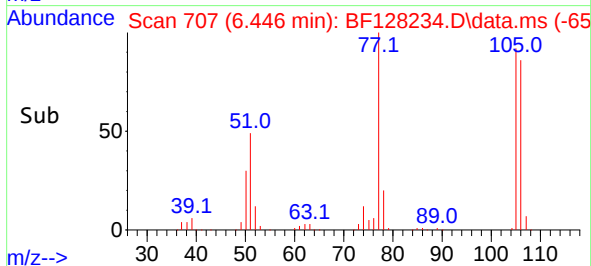
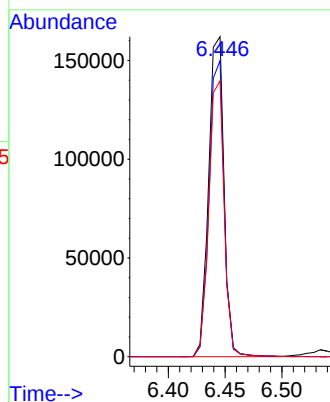
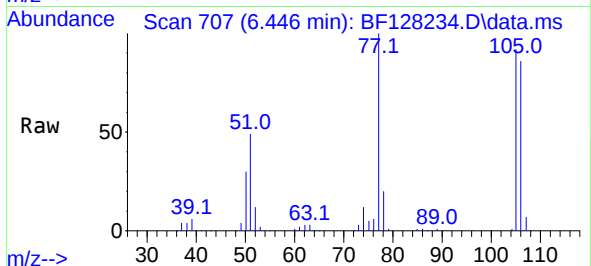
PB144784BS

Tgt Ion: 77 Resp: 15265
Ion Ratio Lower Upper
77 100
105 92.5 74.9 114.9
106 86.2 72.2 112.2

Manual Integrations

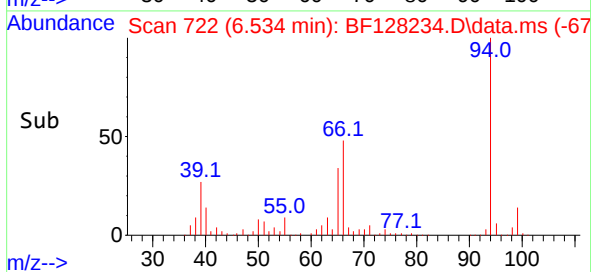
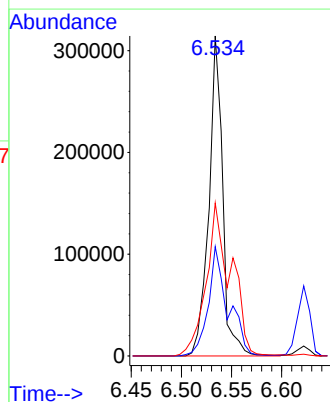
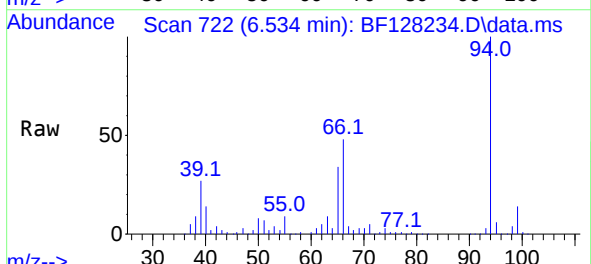
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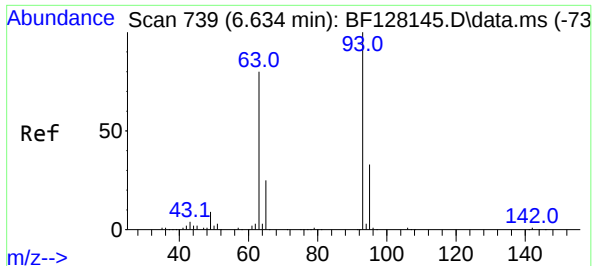
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#10
Phenol
Concen: 39.762 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion: 94 Resp: 301627
Ion Ratio Lower Upper
94 100
65 34.1 10.6 50.6
66 47.8 22.6 62.6





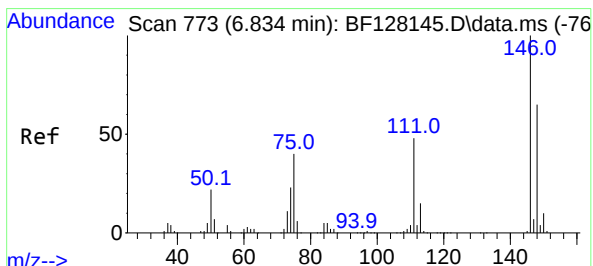
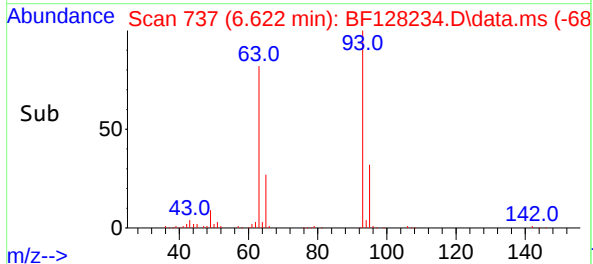
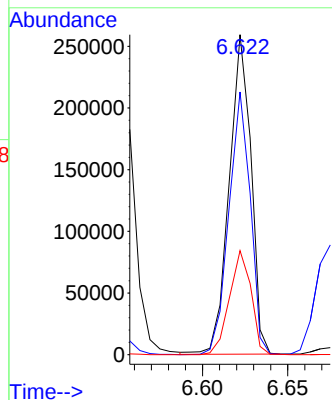
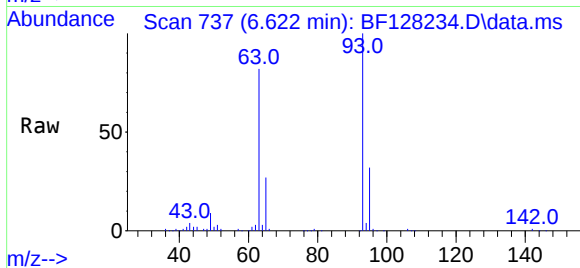
#11
bis(2-Chloroethyl)ether
Concen: 40.579 ng
RT: 6.622 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Tgt Ion: 93 Resp: 230539
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 32.5 12.9 52.9

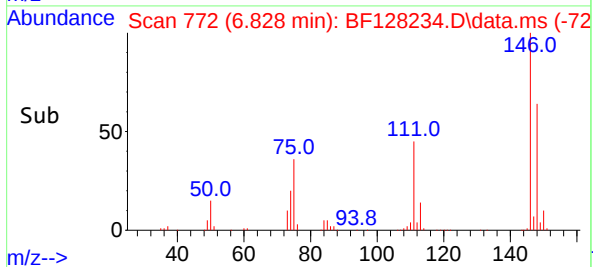
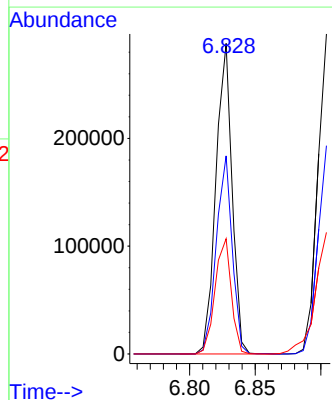
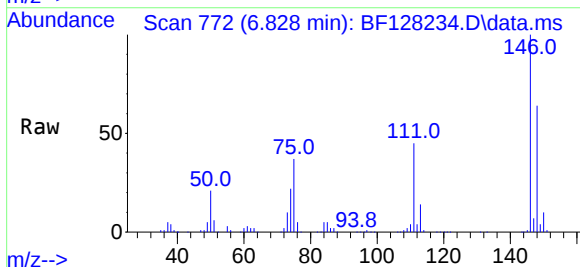
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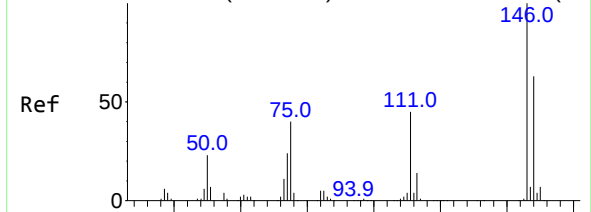


#12
1,3-Dichlorobenzene
Concen: 39.525 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:146 Resp: 246434
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 37.1 26.2 39.4

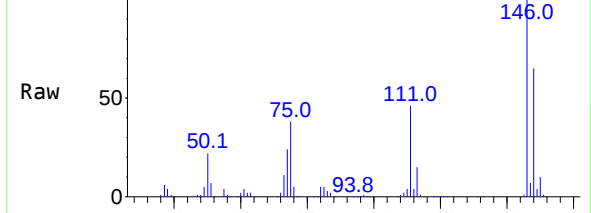


Abundance Scan 786 (6.910 min): BF128145.D\data.ms (-78)



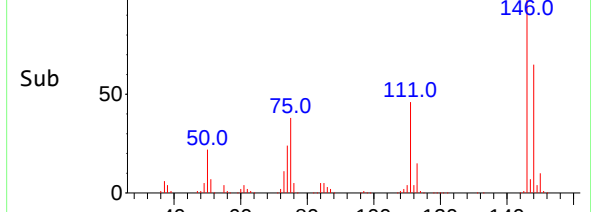
m/z-->

Abundance Scan 785 (6.904 min): BF128234.D\data.ms



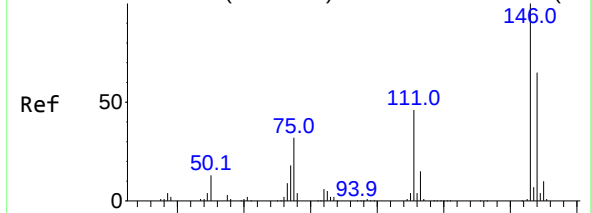
m/z-->

Abundance Scan 785 (6.904 min): BF128234.D\data.ms (-73)



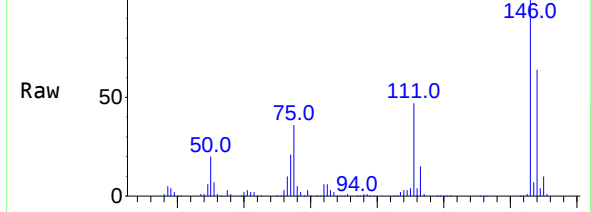
m/z-->

Abundance Scan 813 (7.069 min): BF128145.D\data.ms (-80)



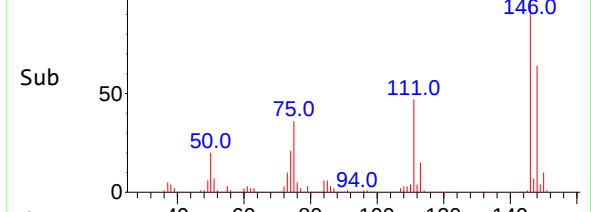
m/z-->

Abundance Scan 811 (7.057 min): BF128234.D\data.ms



m/z-->

Abundance Scan 811 (7.057 min): BF128234.D\data.ms (-76)



m/z-->

#13

1,4-Dichlorobenzene

Concen: 39.425 ng

RT: 6.904 min Scan# 785

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:146 Resp: 24838

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

111 45.6 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

PB144784BS

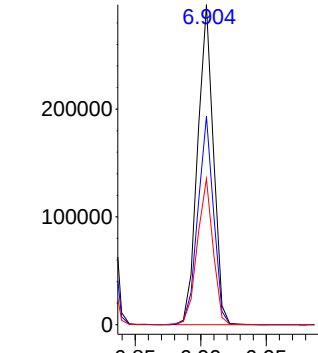
Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

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Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 40.114 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:146 Resp: 238151

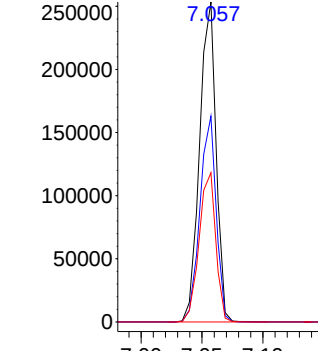
Ion Ratio Lower Upper

146 100

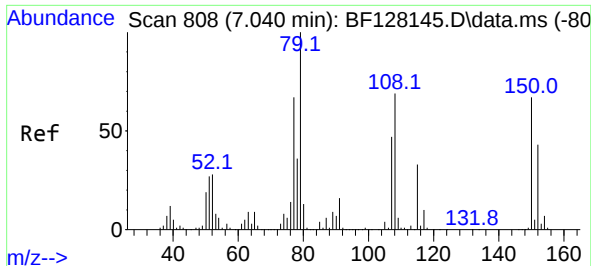
148 64.3 51.8 77.6

111 46.7 36.6 55.0

Abundance



Time-->



#15

Benzyl Alcohol

Concen: 41.021 ng

RT: 7.034 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

Tgt Ion: 79 Resp: 233190

Ion Ratio Lower Upper

79 100

108 67.2 57.0 85.6

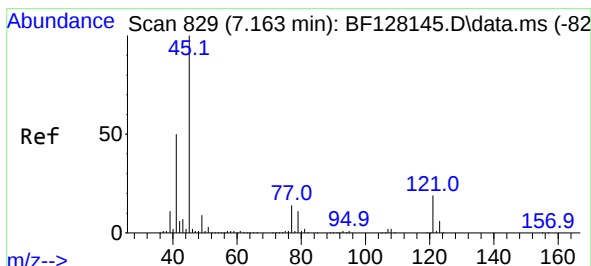
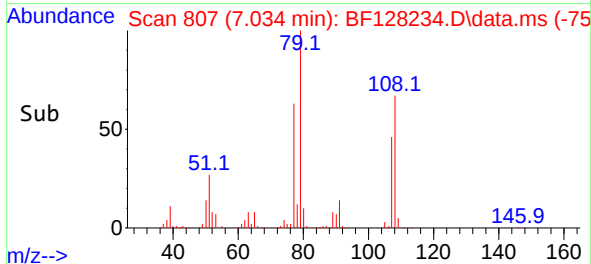
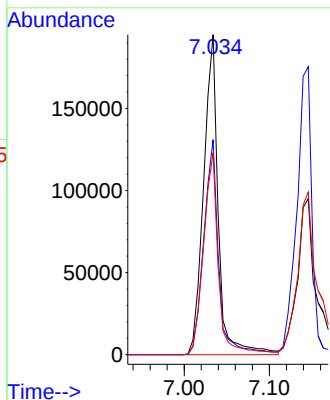
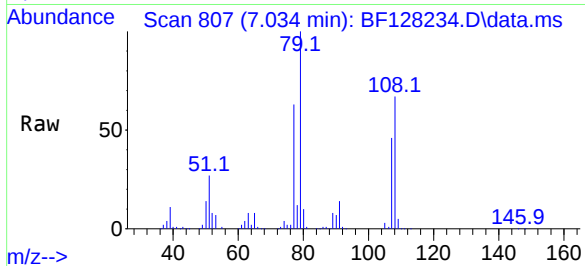
77 63.2 50.2 75.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/16/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.961 ng

RT: 7.157 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

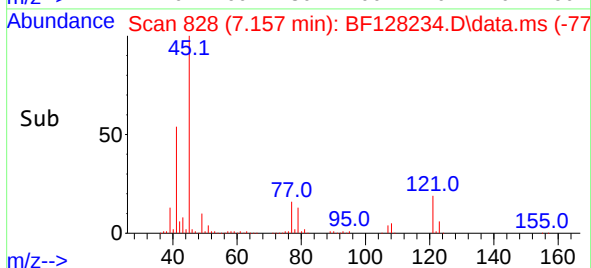
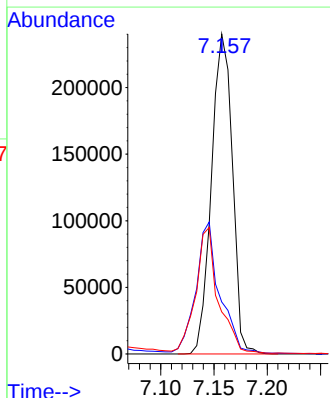
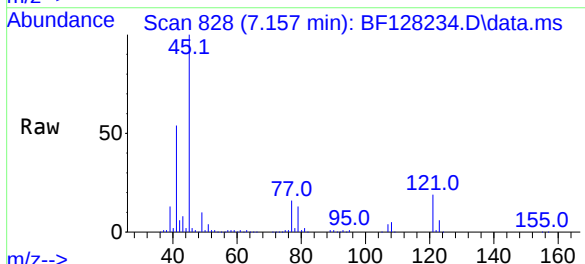
Tgt Ion: 45 Resp: 328234

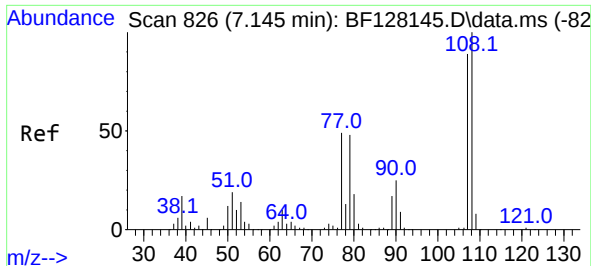
Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.9

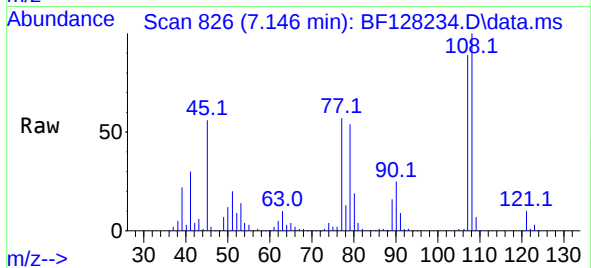
79 13.2 0.0 31.6





#17
2-Methylphenol
Concen: 40.876 ng
RT: 7.146 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

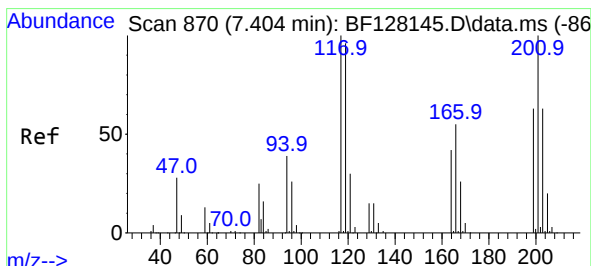
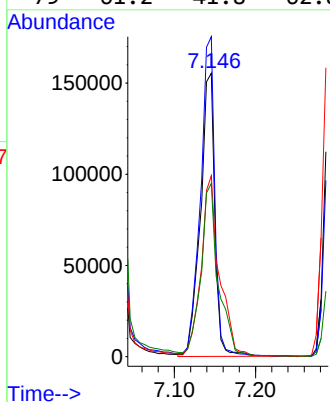
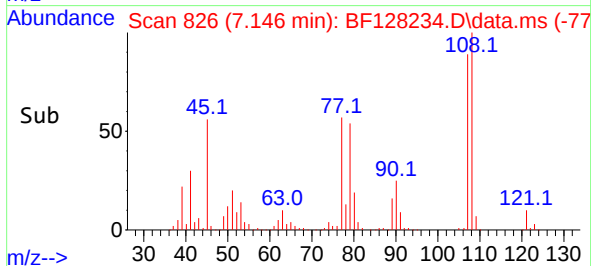
Instrument :
BNA_F
ClientSampleId :
PB144784BS



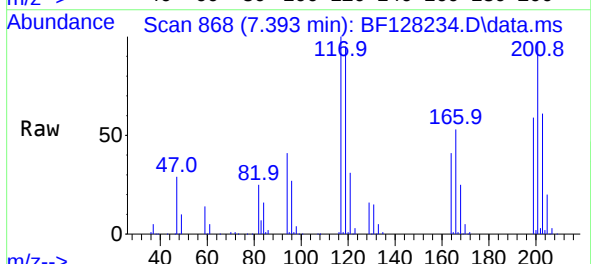
Tgt Ion:107 Resp: 192099
Ion Ratio Lower Upper
107 100
108 112.9 90.2 135.2
77 63.8 41.9 62.9
79 61.2 41.8 62.8

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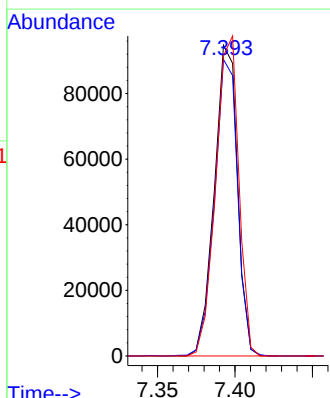
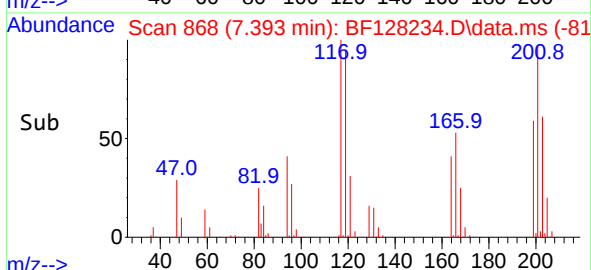
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

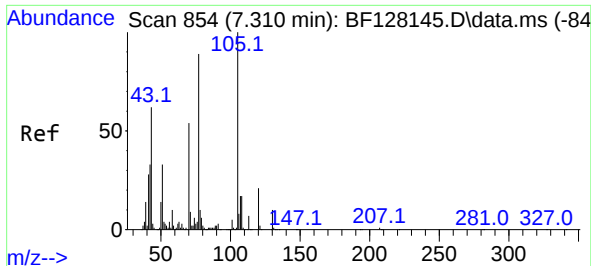


#18
Hexachloroethane
Concen: 41.336 ng
RT: 7.393 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



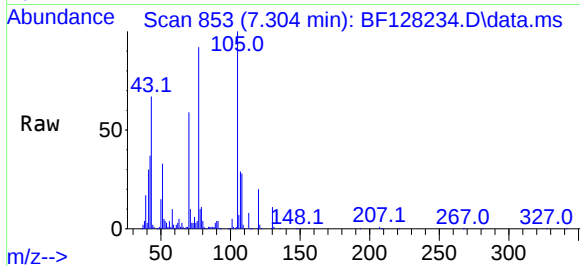
Tgt Ion:117 Resp: 98386
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
201 96.5 84.4 126.6





#19
n-Nitroso-di-n-propylamine
Concen: 41.011 ng
RT: 7.304 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

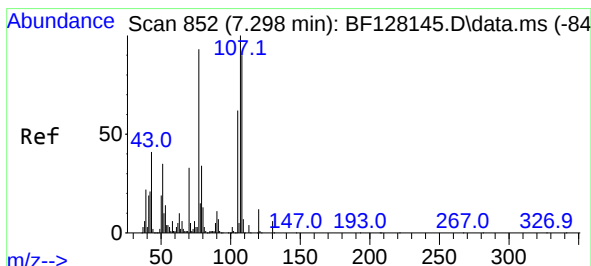
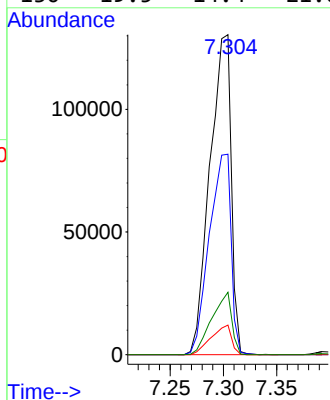
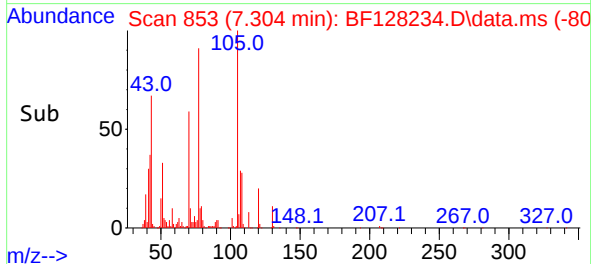
Instrument :
BNA_F
ClientSampleId :
PB144784BS



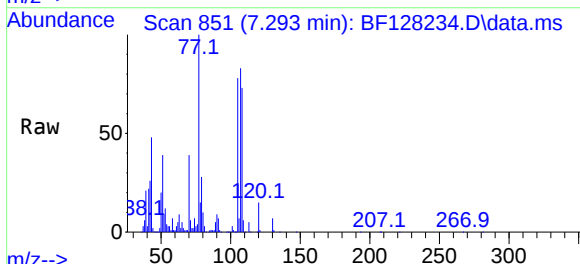
Tgt Ion: 70 Resp: 181678
Ion Ratio Lower Upper
70 100
42 62.7 48.7 73.1
101 9.3 7.2 10.8
130 19.5 14.4 21.6

Manual Integrations
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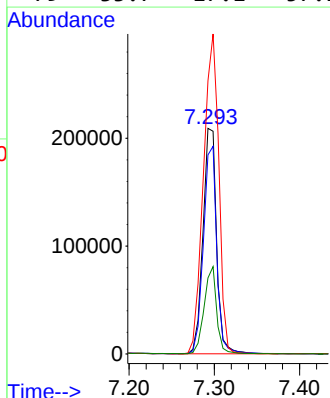
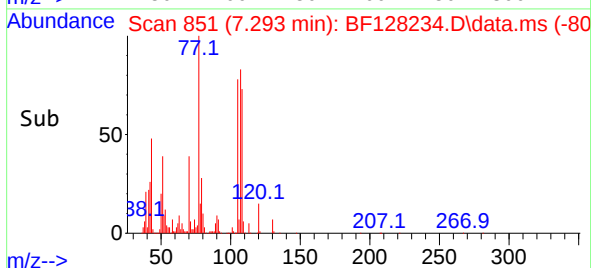
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

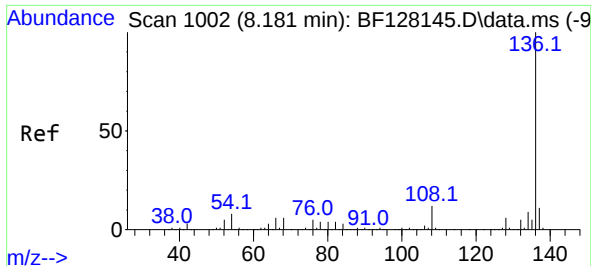


#20
3+4-Methylphenols
Concen: 39.878 ng
RT: 7.293 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:107 Resp: 232050
Ion Ratio Lower Upper
107 100
108 88.2 73.4 113.4
77 121.1 71.1 111.1#
79 33.7 17.1 57.1





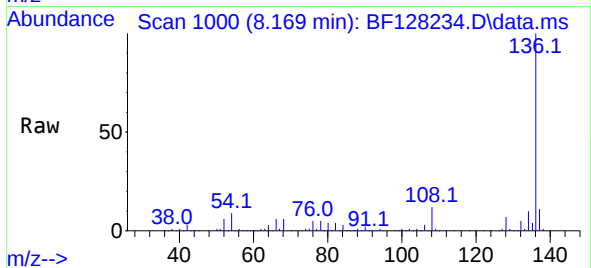
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

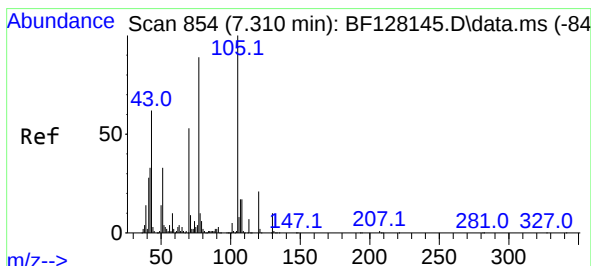
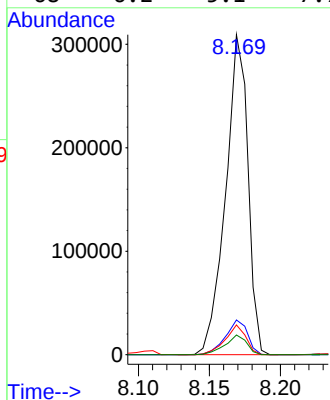
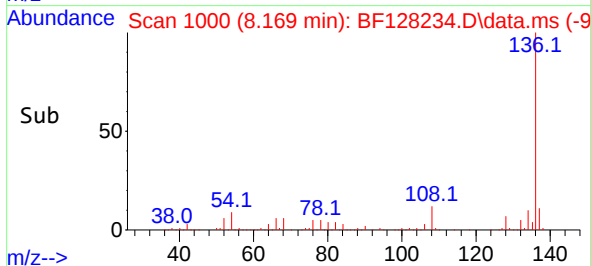


Tgt Ion:136 Resp: 337274
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 6.8 10.2
68 6.2 5.1 7.7

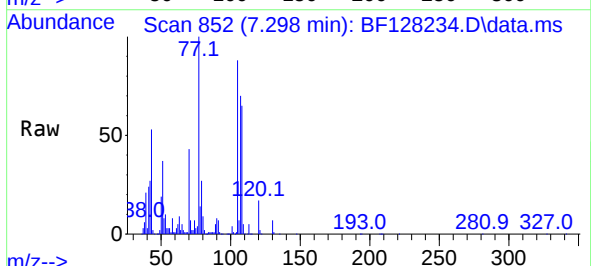
Manual Integrations

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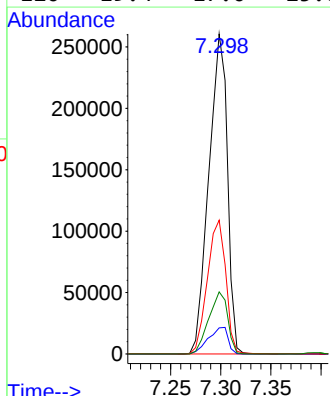
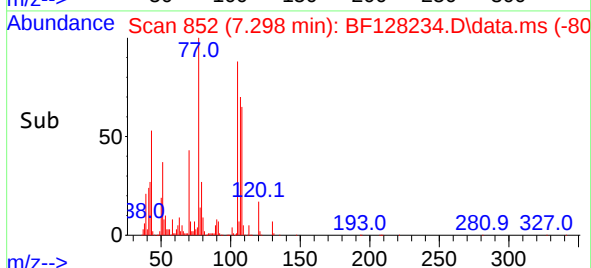
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

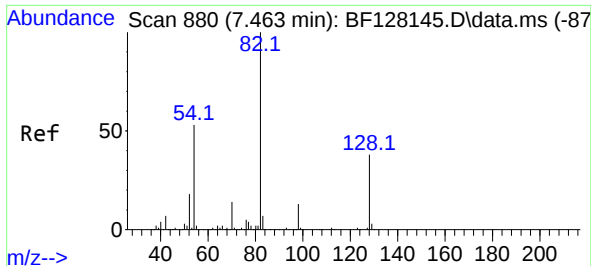


#22
Acetophenone
Concen: 39.960 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:105 Resp: 335604
Ion Ratio Lower Upper
105 100
71 8.2 7.3 10.9
51 41.8 23.7 35.5#
120 19.4 17.0 25.6





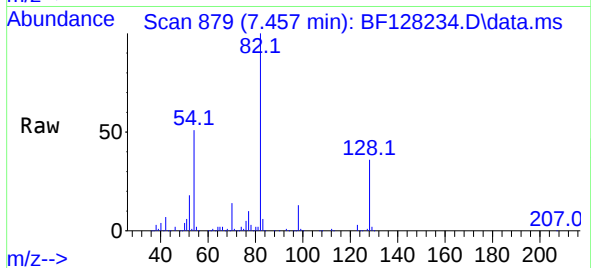
#23
Nitrobenzene-d5
Concen: 76.521 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

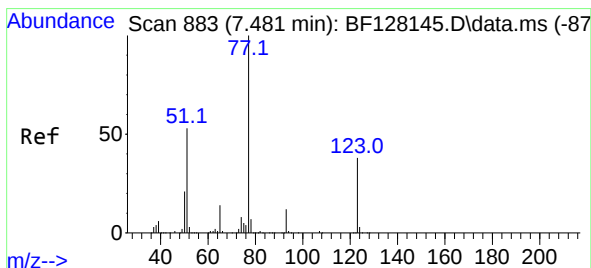
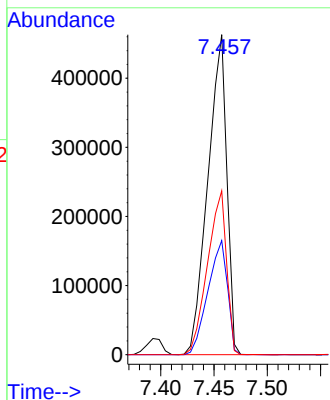
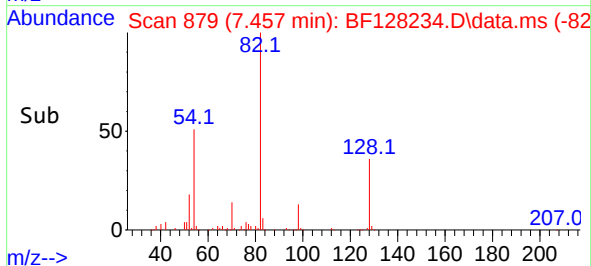


Tgt Ion: 82 Resp: 573569
Ion Ratio Lower Upper
82 100
128 35.7 30.0 45.0
54 51.2 41.3 61.9

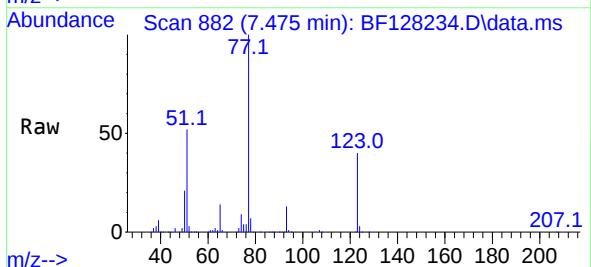
Manual Integrations

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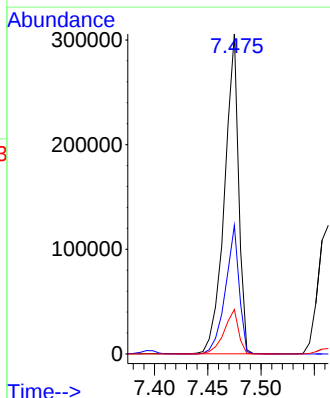
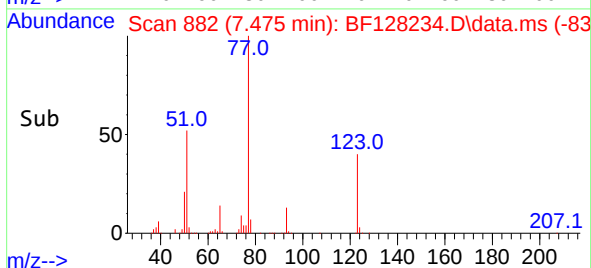
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

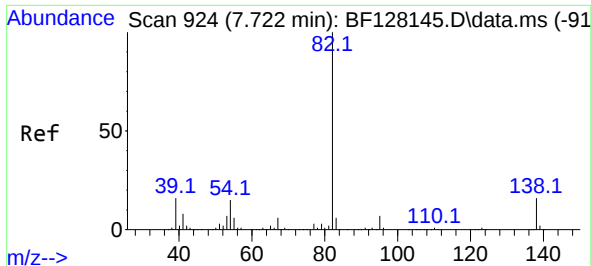


#24
Nitrobenzene
Concen: 40.522 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion: 77 Resp: 280325
Ion Ratio Lower Upper
77 100
123 40.2 32.0 48.0
65 13.9 11.0 16.6





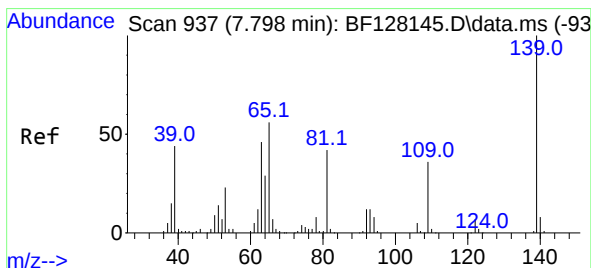
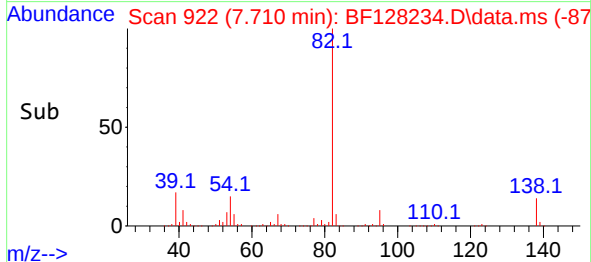
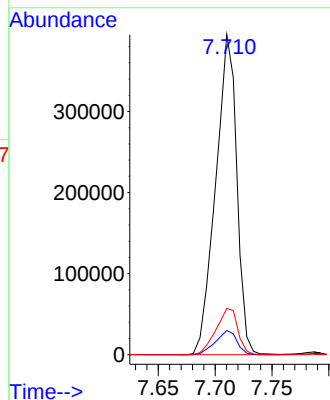
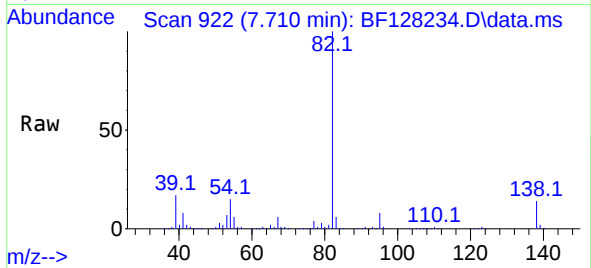
#25
Isophorone
Concen: 43.582 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Tgt Ion: 82 Resp: 512139
Ion Ratio Lower Upper
82 100
95 7.6 5.6 8.4
138 14.5 12.5 18.7

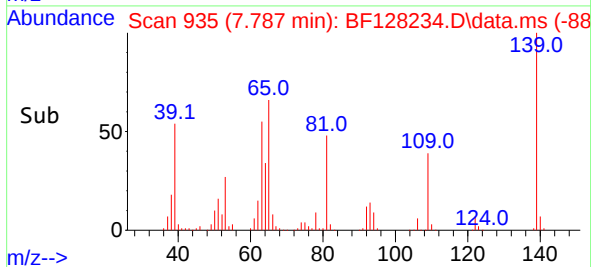
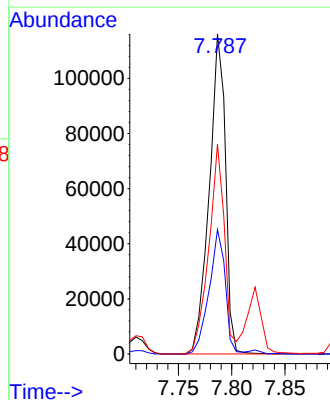
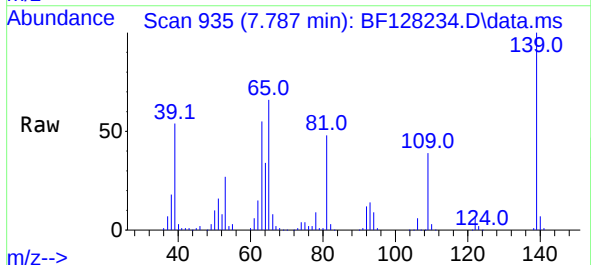
Manual Integrations
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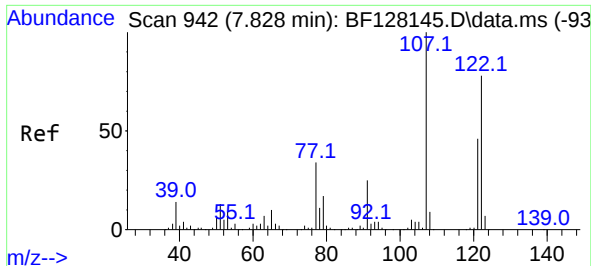
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#26
2-Nitrophenol
Concen: 40.565 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:139 Resp: 123224
Ion Ratio Lower Upper
139 100
109 38.9 27.4 41.2
65 65.6 50.8 76.2





#27
2,4-Dimethylphenol
Concen: 44.901 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

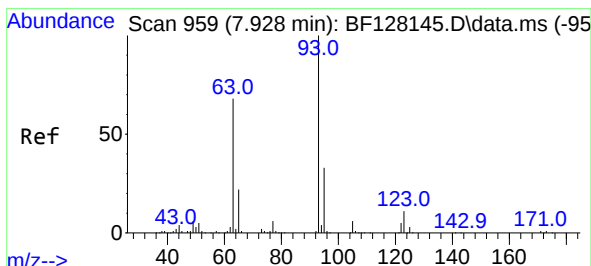
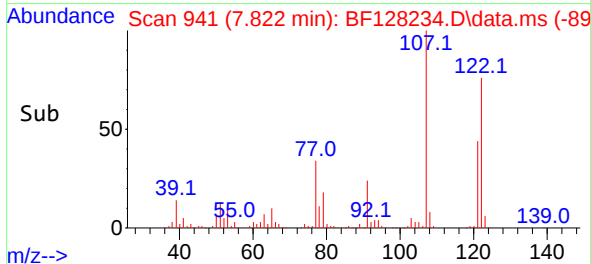
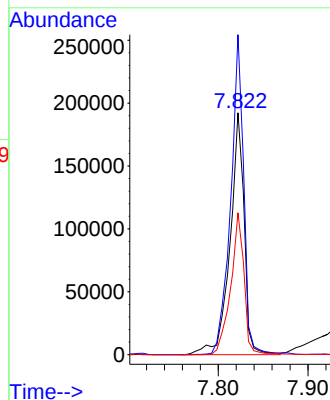
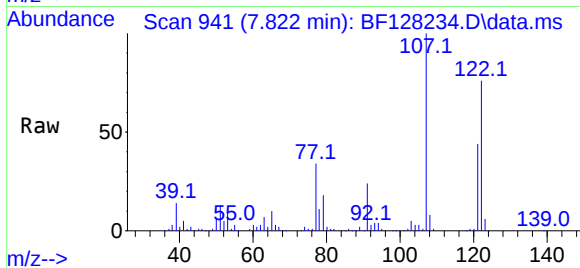
PB144784BS

Tgt Ion:122 Resp: 210230
Ion Ratio Lower Upper
122 100
107 132.2 97.5 146.3
121 58.6 46.0 69.0

Manual Integrations

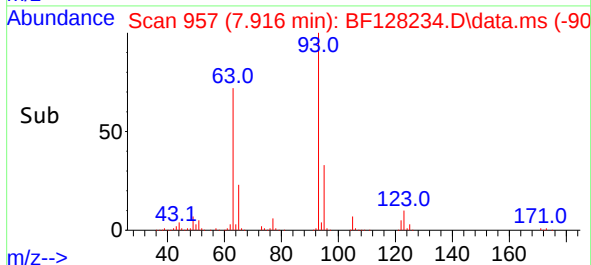
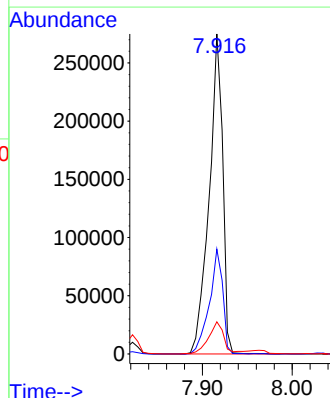
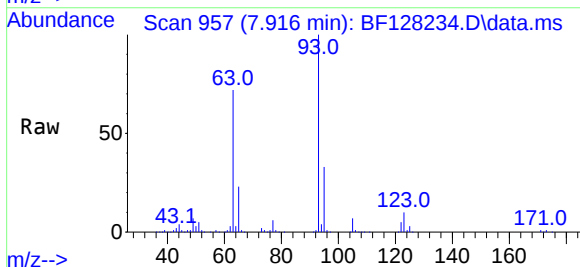
APPROVED

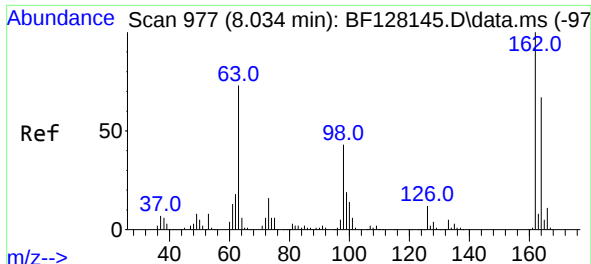
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 38.883 ng
RT: 7.916 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion: 93 Resp: 288824
Ion Ratio Lower Upper
93 100
95 32.8 25.7 38.5
123 10.1 8.3 12.5





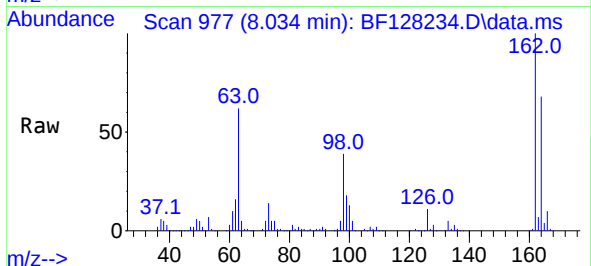
#29
2,4-Dichlorophenol
Concen: 39.678 ng
RT: 8.034 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

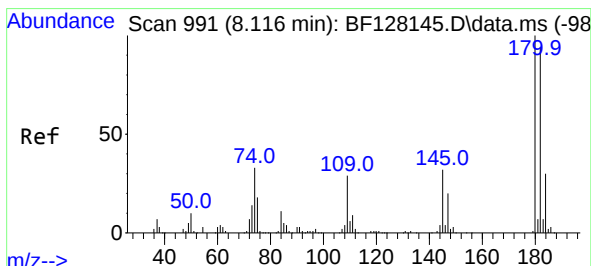
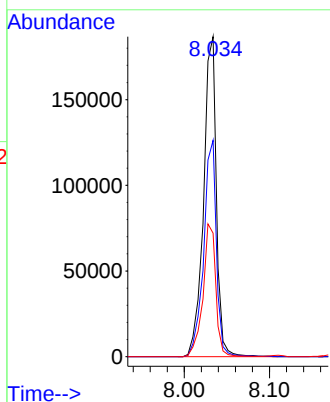
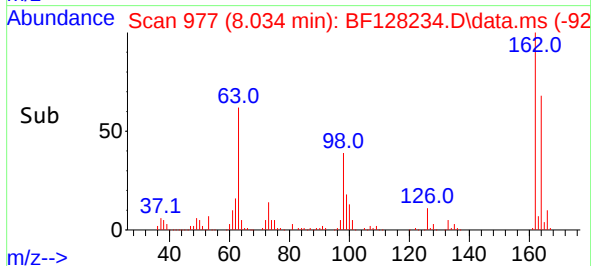


Tgt Ion:162 Resp: 195309
Ion Ratio Lower Upper
162 100
164 67.6 47.1 87.1
98 38.6 20.7 60.7

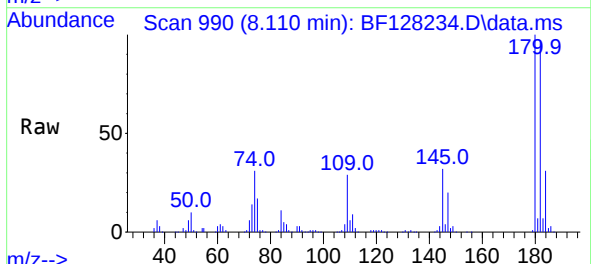
Manual Integrations

APPROVED

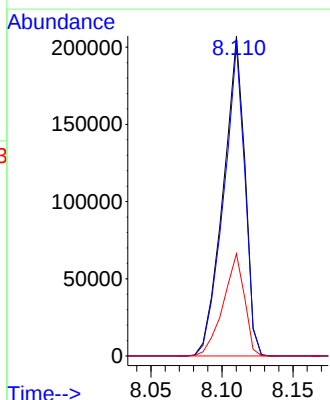
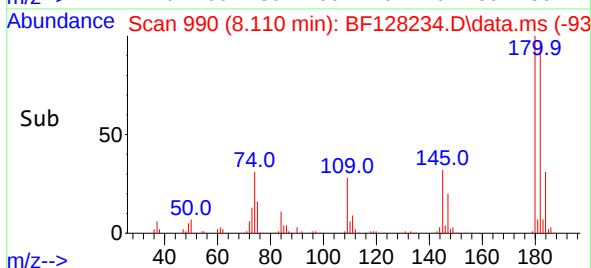
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

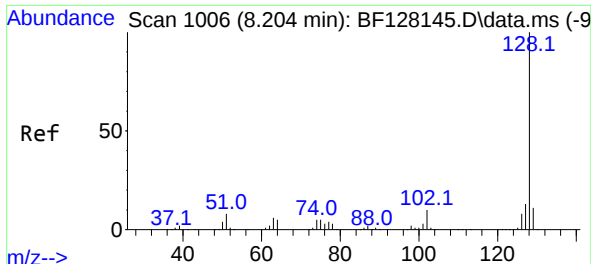


#30
1,2,4-Trichlorobenzene
Concen: 38.997 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:180 Resp: 220004
Ion Ratio Lower Upper
180 100
182 97.3 76.4 114.6
145 32.0 25.1 37.7





#31
Naphthalene
Concen: 39.320 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

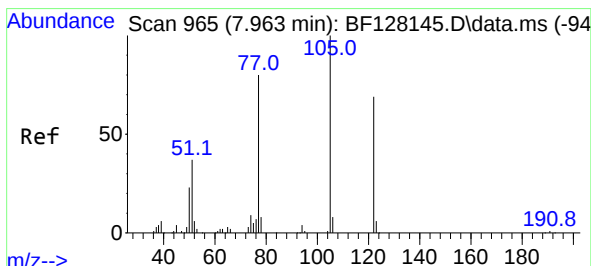
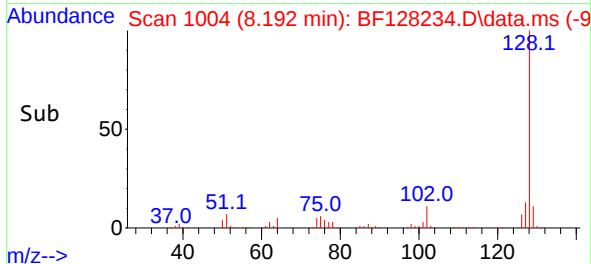
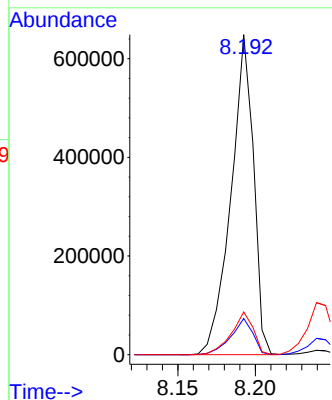
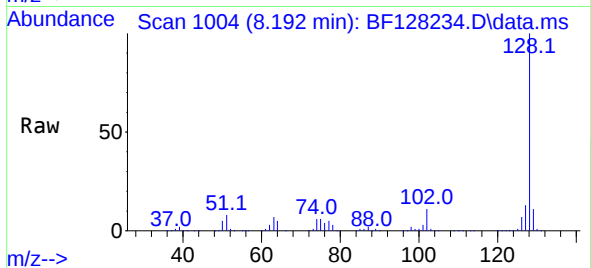
ClientSampleId :

PB144784BS

Tgt Ion:128 Resp: 65494
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.3 10.6 16.0

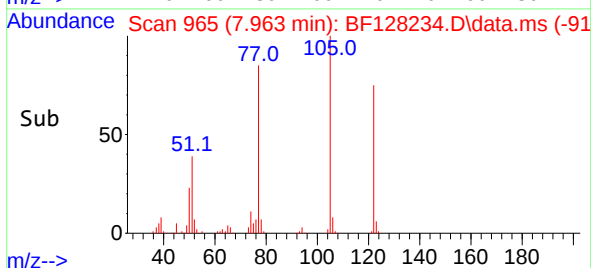
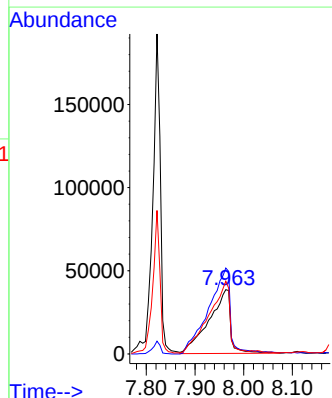
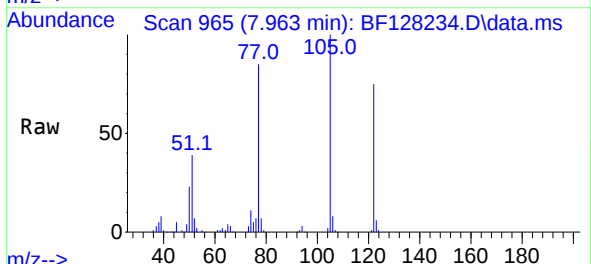
Manual Integrations
APPROVED

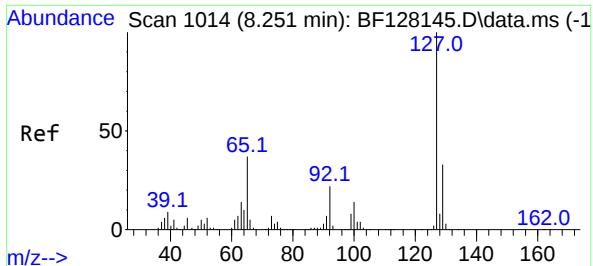
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#32
Benzoic acid
Concen: 34.412 ng
RT: 7.963 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:122 Resp: 120494
Ion Ratio Lower Upper
122 100
105 133.3 107.9 147.9
77 113.1 82.5 122.5





#33

4-Chloroaniline

Concen: 19.906 ng

RT: 8.240 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

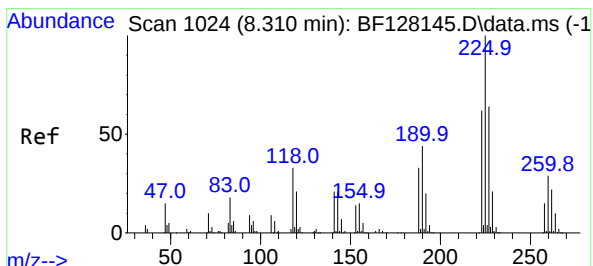
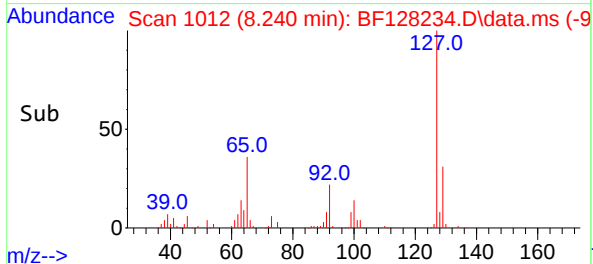
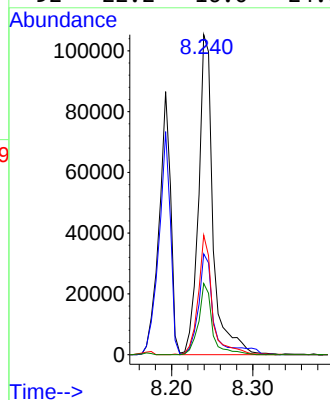
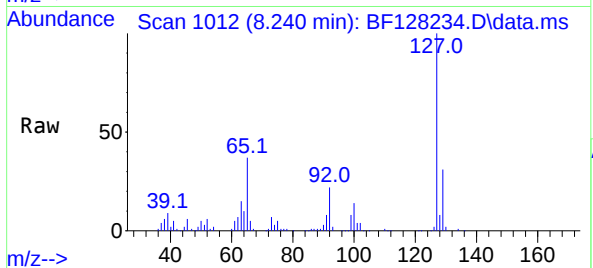
Tgt Ion:	127	Resp:	13162
Ion Ratio	Lower	Upper	
127	100		
129	31.5	25.8	38.8
65	37.3	26.7	40.1
92	22.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#34

Hexachlorobutadiene

Concen: 38.626 ng

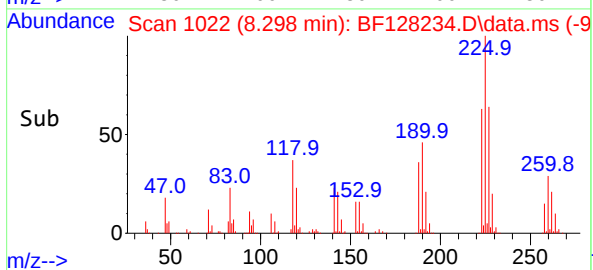
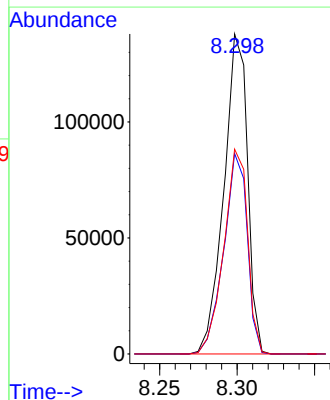
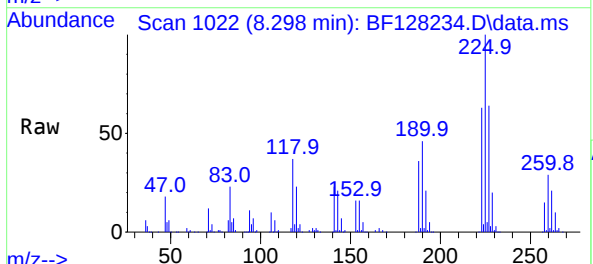
RT: 8.298 min Scan# 1022

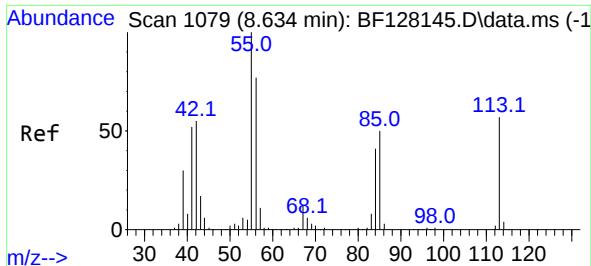
Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:	225	Resp:	146322
Ion Ratio	Lower	Upper	
225	100		
223	62.6	52.0	78.0
227	64.0	50.7	76.1





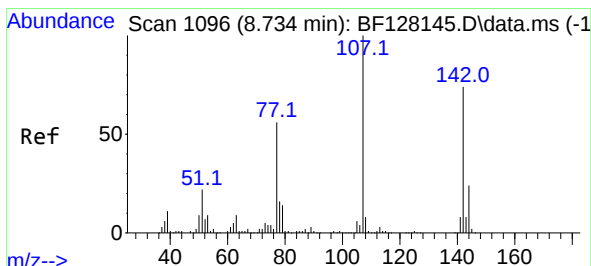
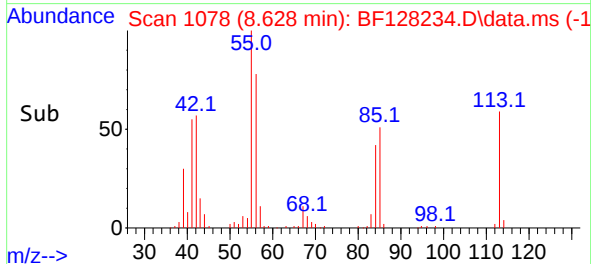
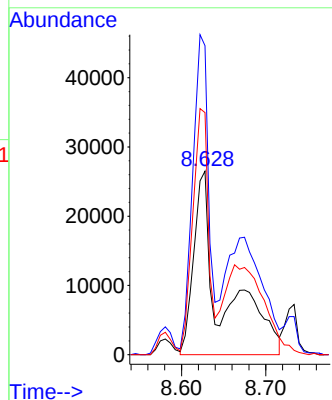
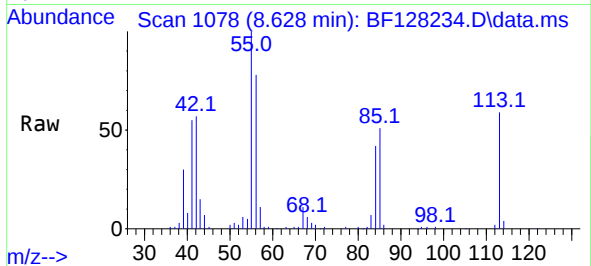
#35
Caprolactam
Concen: 38.836 ng m
RT: 8.628 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Tgt Ion:113 Resp: 6240
Ion Ratio Lower Upper
113 100
55 168.4 157.4 197.4
56 131.9 116.1 156.1

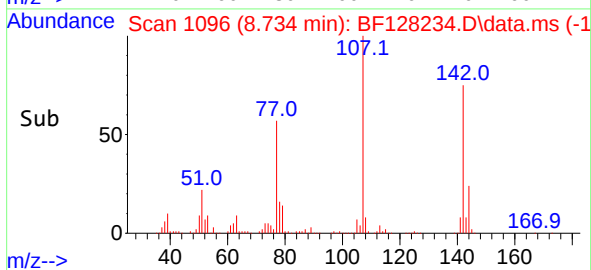
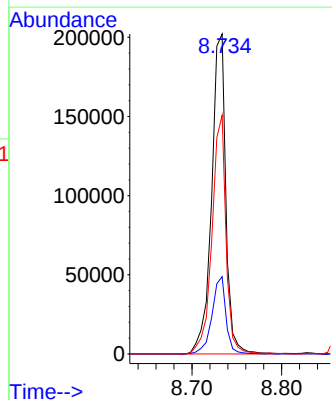
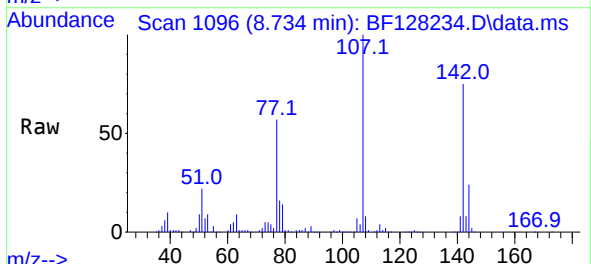
Manual Integrations
APPROVED

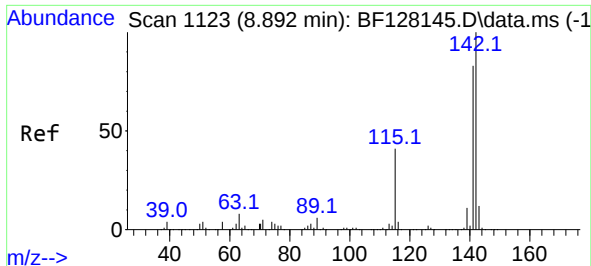
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#36
4-Chloro-3-methylphenol
Concen: 40.657 ng
RT: 8.734 min Scan# 1096
Delta R.T. 0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:107 Resp: 223613
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.4
142 74.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 39.548 ng

RT: 8.887 min Scan# 1122

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

Tgt Ion:142 Resp: 44413

Ion Ratio Lower Upper

142 100

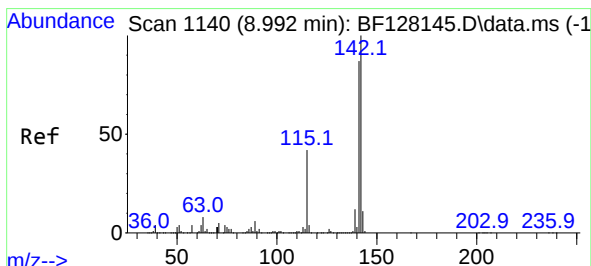
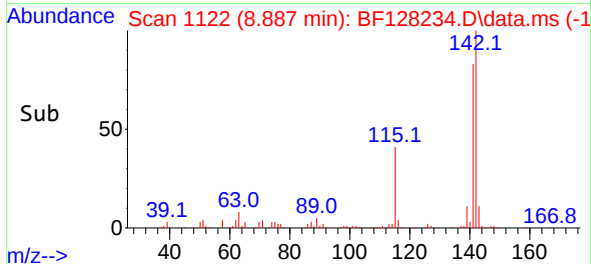
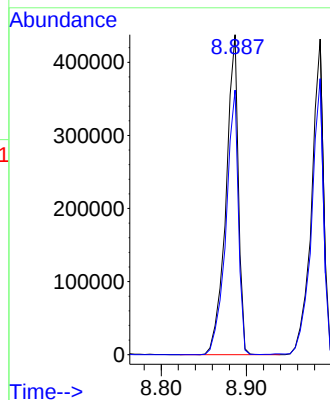
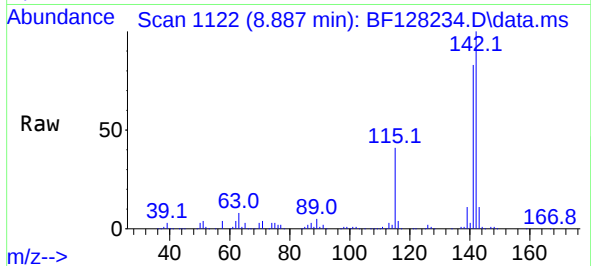
141 82.7 67.4 101.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#38

1-Methylnaphthalene

Concen: 38.964 ng

RT: 8.987 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF128234.D

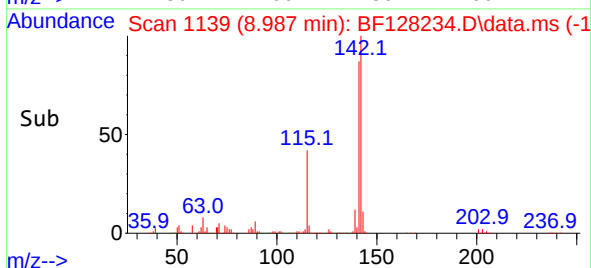
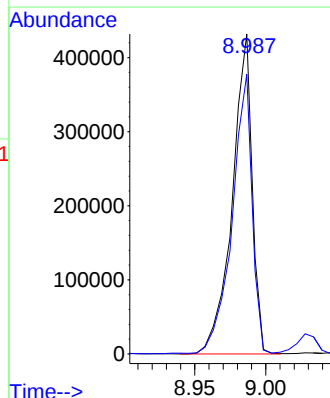
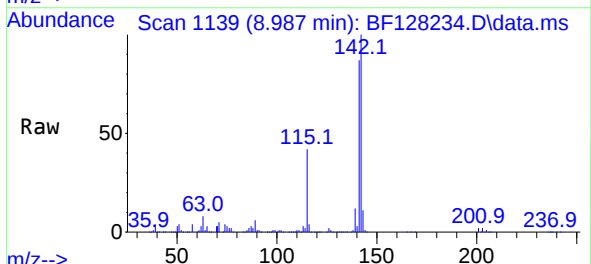
Acq: 13 May 2022 12:15

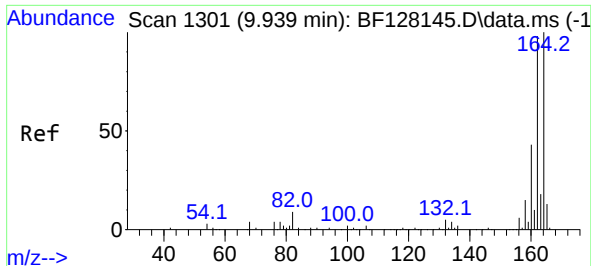
Tgt Ion:142 Resp: 420268

Ion Ratio Lower Upper

142 100

141 87.4 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

Tgt Ion:164 Resp: 189980

Ion Ratio Lower Upper

164 100

162 96.0 76.0 114.0

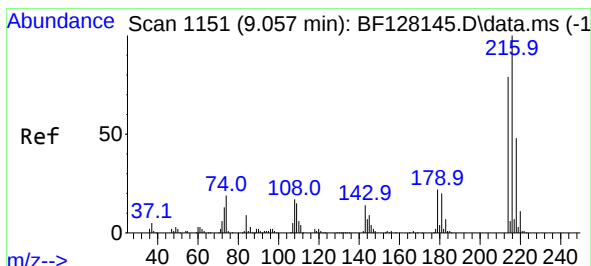
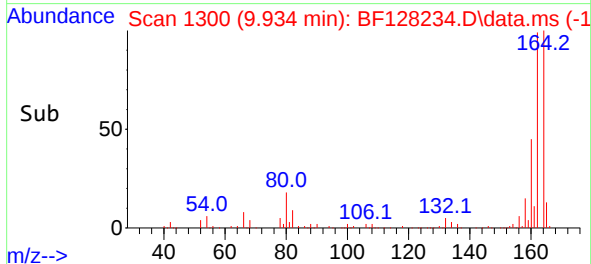
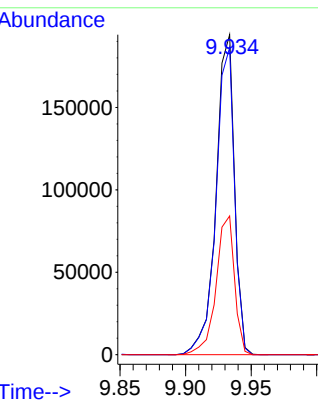
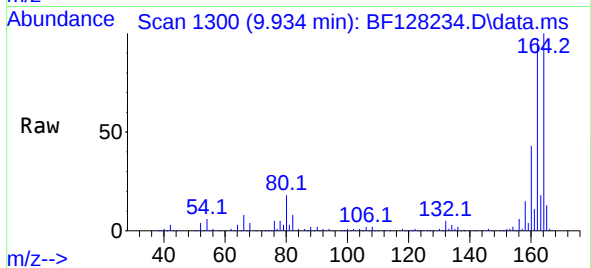
160 43.4 34.8 52.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.813 ng

RT: 9.051 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:216 Resp: 223111

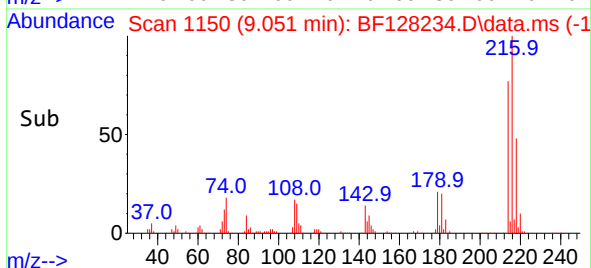
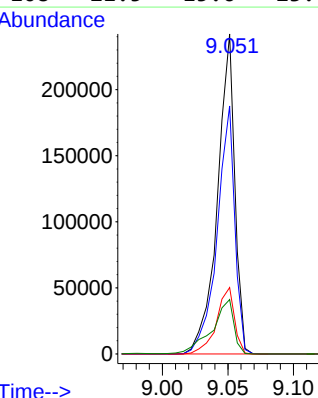
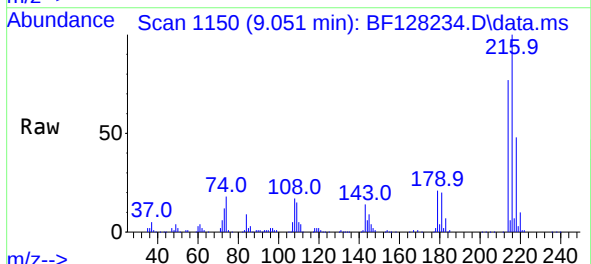
Ion Ratio Lower Upper

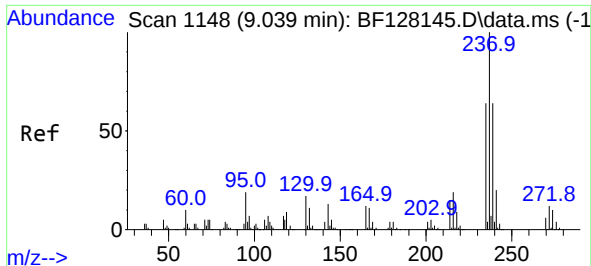
216 100

214 78.5 62.6 94.0

179 21.5 16.9 25.3

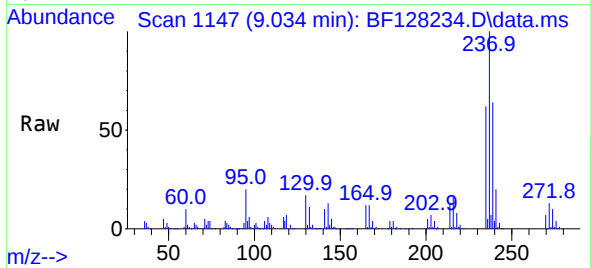
108 21.5 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 87.599 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

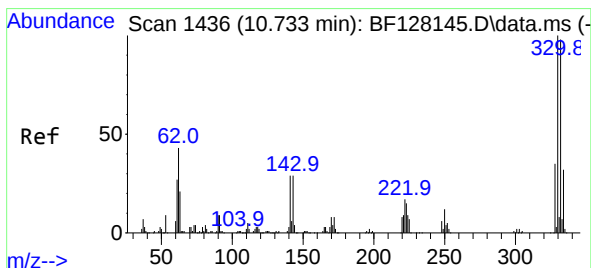
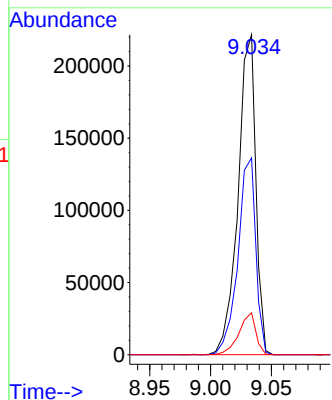
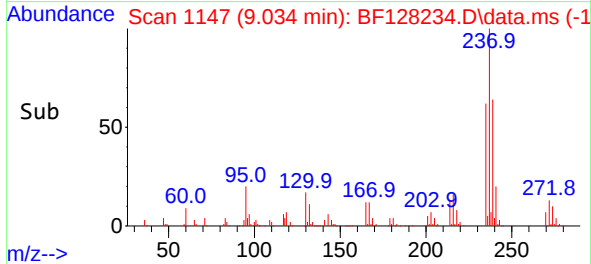
Instrument :
BNA_F
ClientSampleId :
PB144784BS



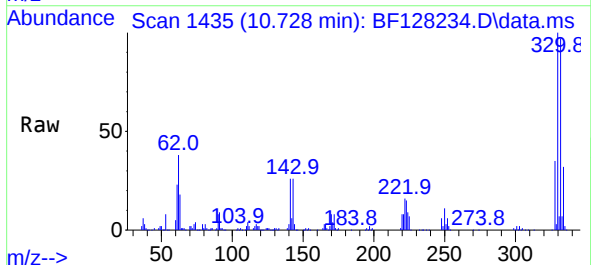
Tgt Ion:237 Resp: 225694
Ion Ratio Lower Upper
237 100
235 61.5 43.6 83.6
272 13.1 0.0 32.1

Manual Integrations
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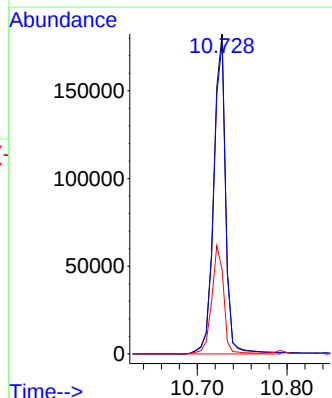
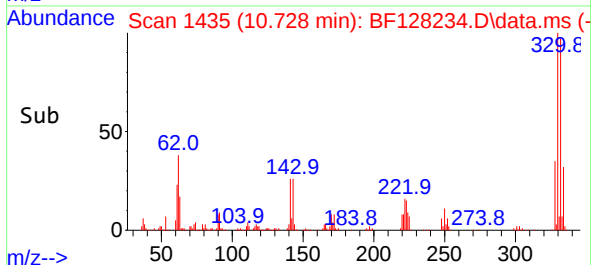
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

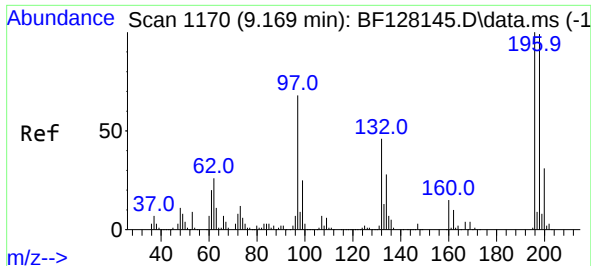


#42
2,4,6-Tribromophenol
Concen: 77.476 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:330 Resp: 168807
Ion Ratio Lower Upper
330 100
332 97.9 79.0 118.4
141 33.8 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 39.485 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

Tgt Ion:196 Resp: 142558

Ion Ratio Lower Upper

196 100

198 99.0 80.4 120.6

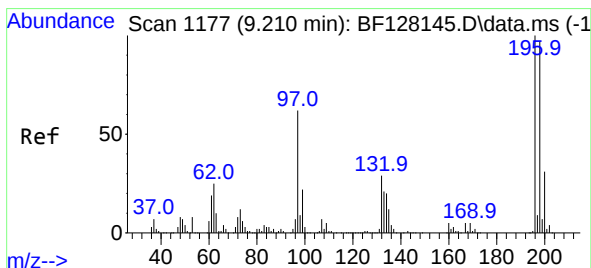
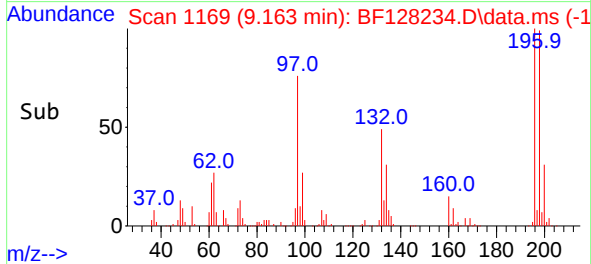
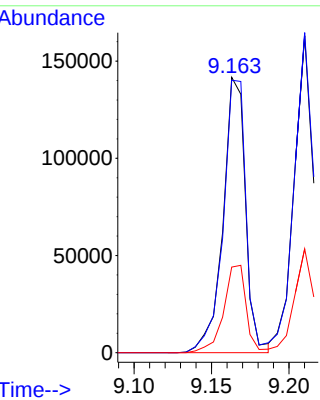
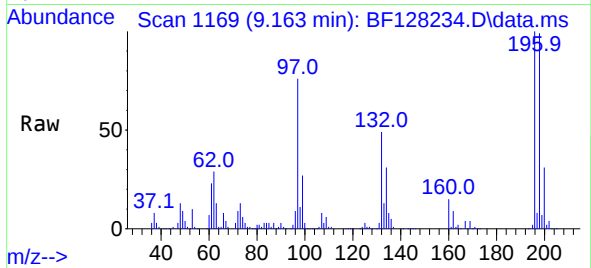
200 31.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#44

2,4,5-Trichlorophenol

Concen: 38.867 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:196 Resp: 149623

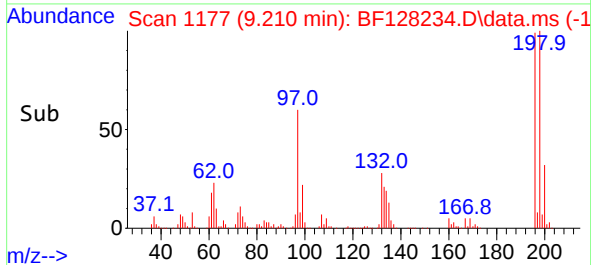
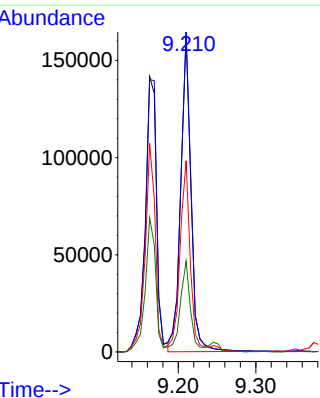
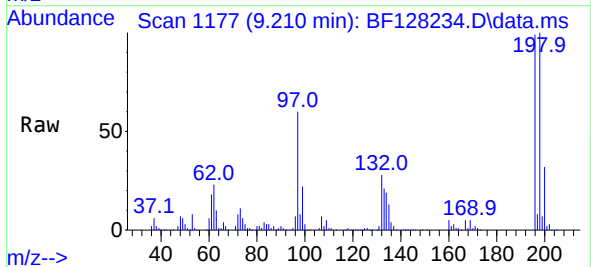
Ion Ratio Lower Upper

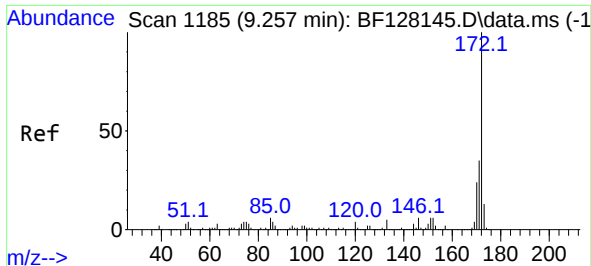
196 100

198 100.9 80.2 120.2

97 60.3 50.3 75.5

132 28.5 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 78.549 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

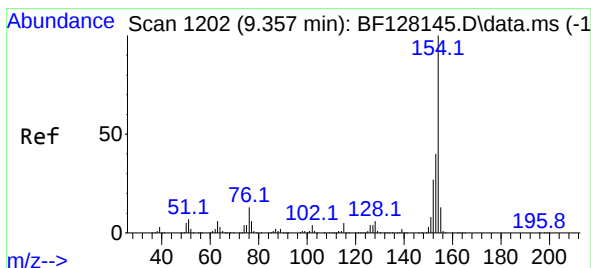
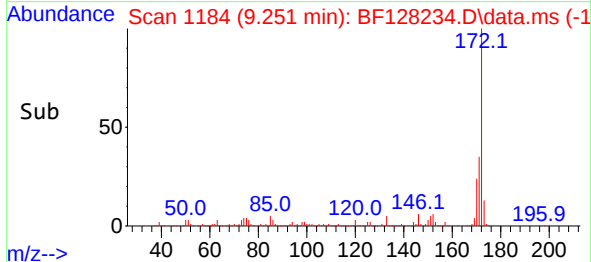
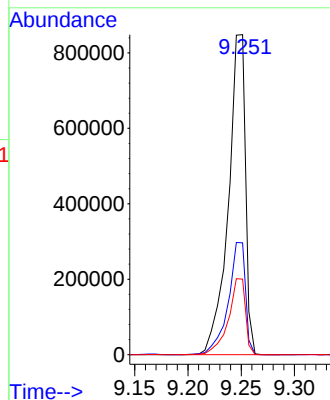
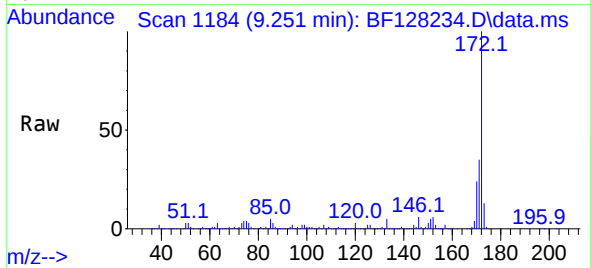
PB144784BS

Tgt Ion:	172	Resp:	95371
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.6	42.8
170	23.6	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#46

1,1'-Biphenyl

Concen: 40.017 ng

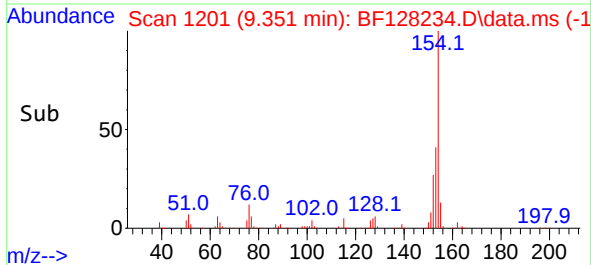
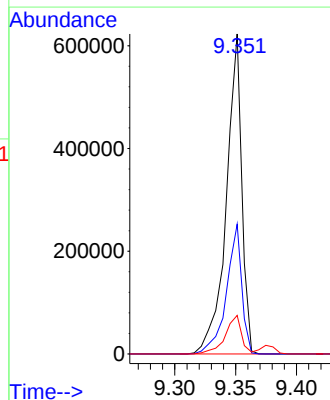
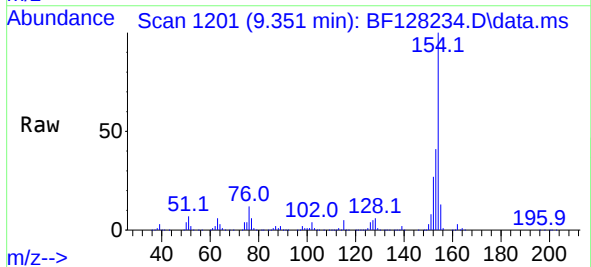
RT: 9.351 min Scan# 1201

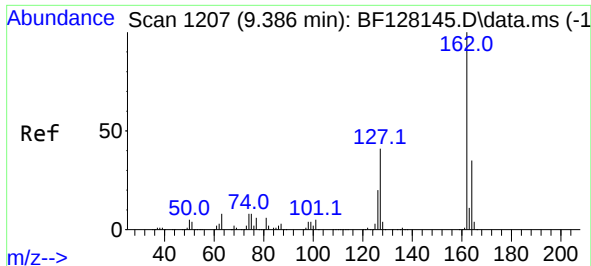
Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:	154	Resp:	553459
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.4	60.4
76	12.1	0.0	33.2





#47

2-Chloronaphthalene

Concen: 39.610 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

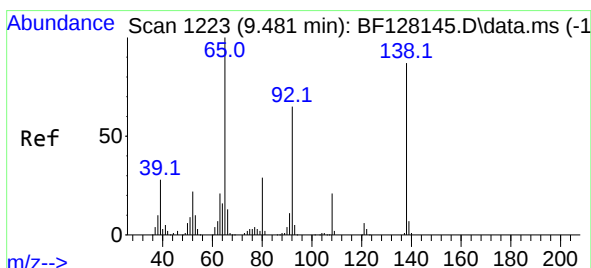
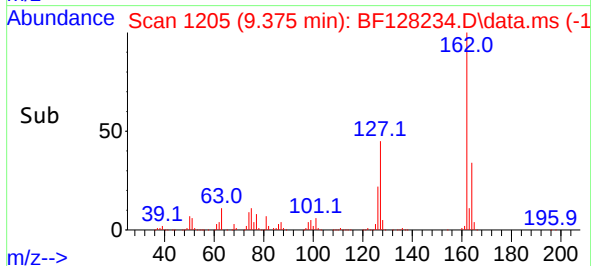
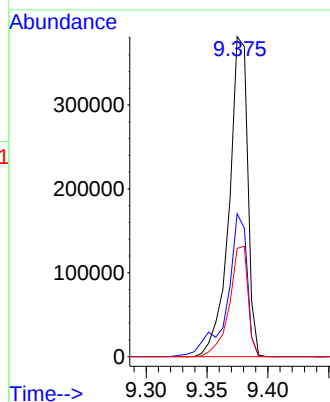
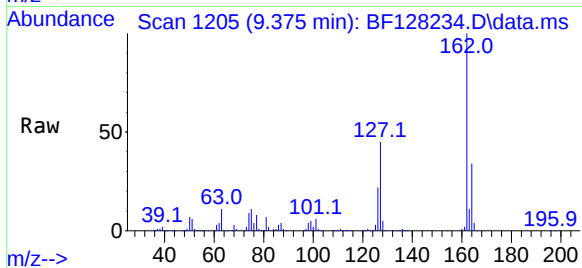
Tgt Ion:162 Resp: 406035

Ion	Ratio	Lower	Upper
162	100		
127	44.7	32.9	49.3
164	33.8	28.2	42.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#48

2-Nitroaniline

Concen: 40.757 ng

RT: 9.481 min Scan# 1223

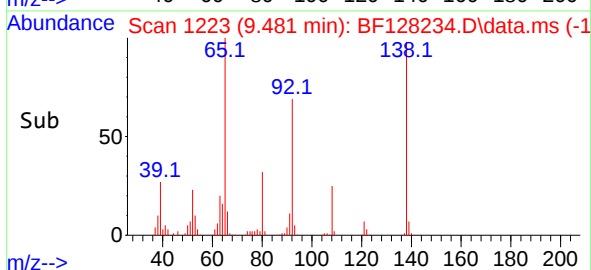
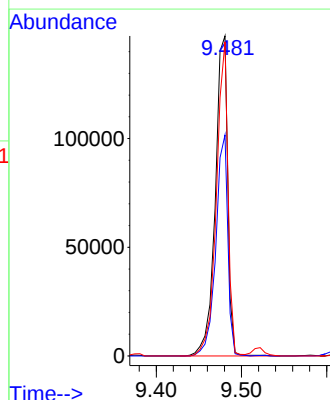
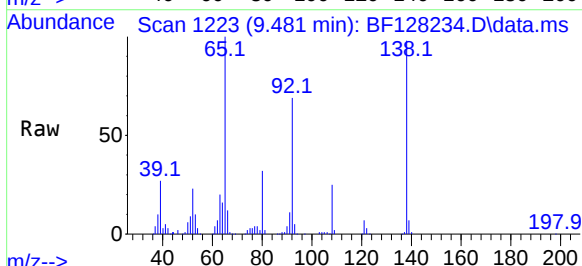
Delta R.T. 0.000 min

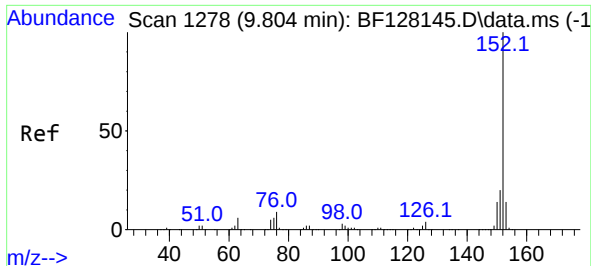
Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion: 65 Resp: 149792

Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.7	80.5
138	98.2	76.4	114.6





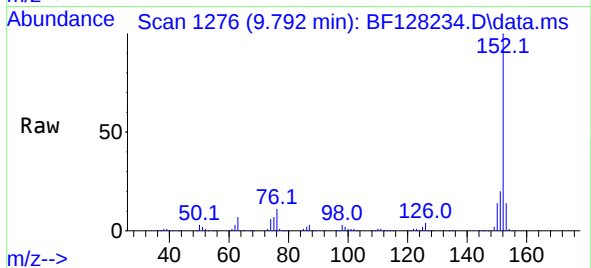
#49
Acenaphthylene
Concen: 42.316 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

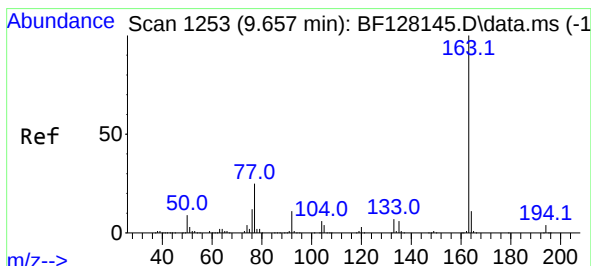
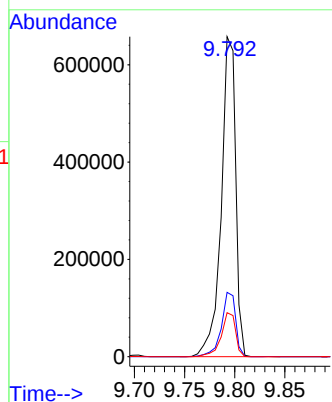


Tgt Ion:152 Resp: 656100
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.8 11.2 16.8

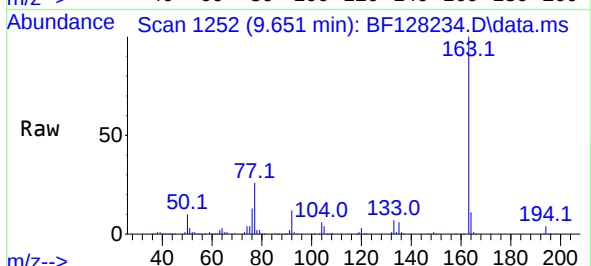
Manual Integrations

APPROVED

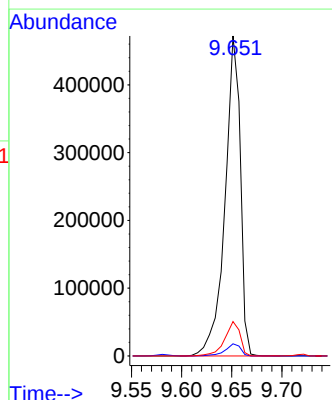
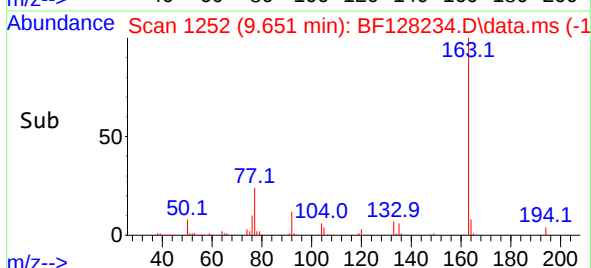
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

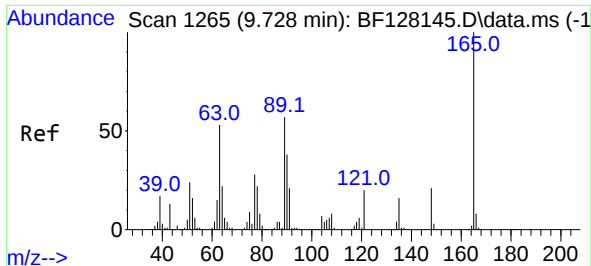


#50
Dimethylphthalate
Concen: 40.825 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:163 Resp: 500504
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.8 8.6 13.0





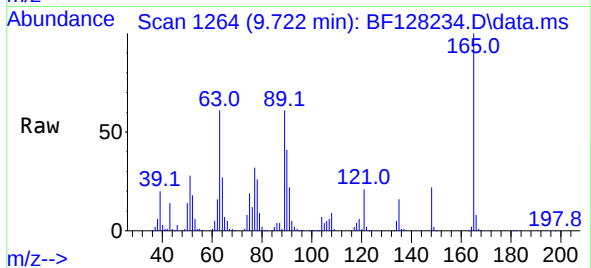
#51
2,6-Dinitrotoluene
Concen: 41.953 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

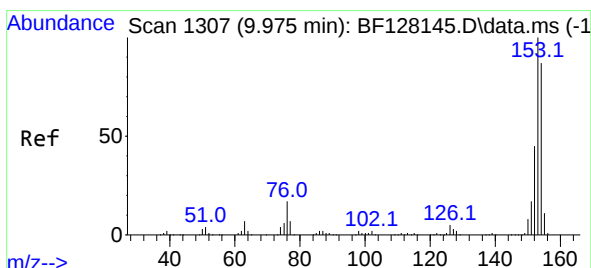
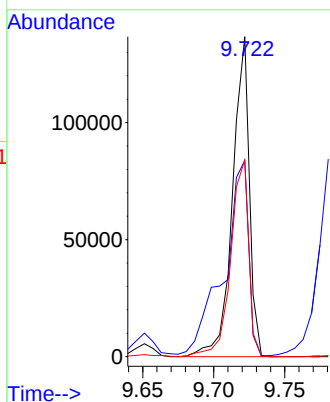
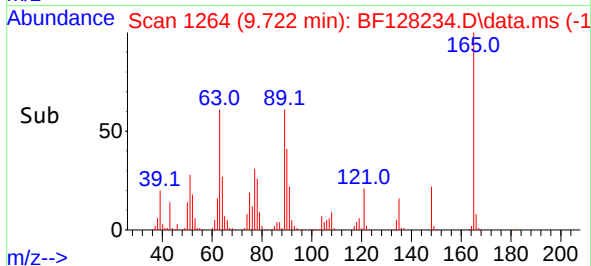


Tgt Ion:165 Resp: 11282
Ion Ratio Lower Upper
165 100
63 61.3 49.5 74.3
89 61.5 49.0 73.4

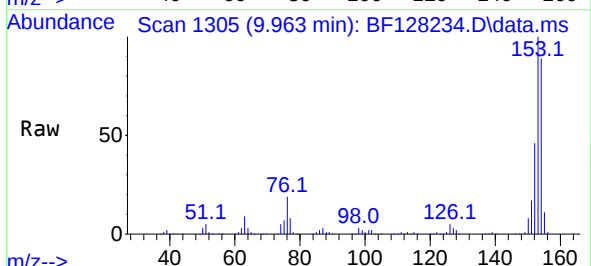
Manual Integrations

APPROVED

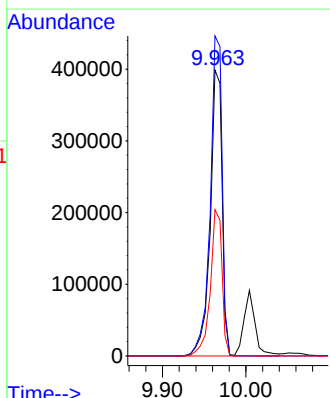
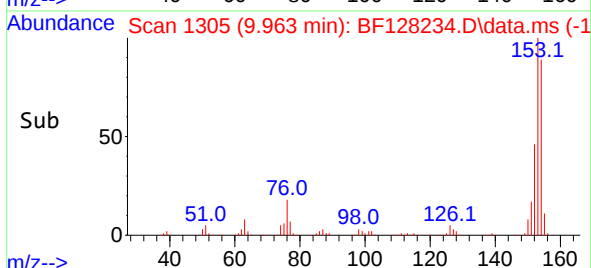
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

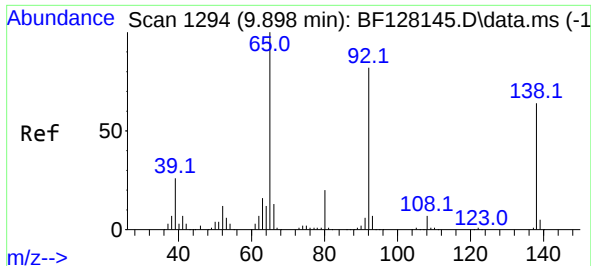


#52
Acenaphthene
Concen: 44.504 ng m
RT: 9.963 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:154 Resp: 478433
Ion Ratio Lower Upper
154 100
153 111.9 90.5 135.7
152 51.1 41.0 61.6





#53
3-Nitroaniline
Concen: 24.301 ng
RT: 9.892 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

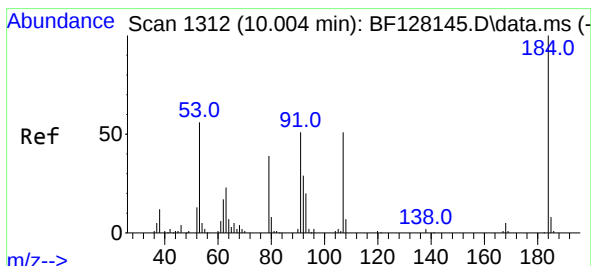
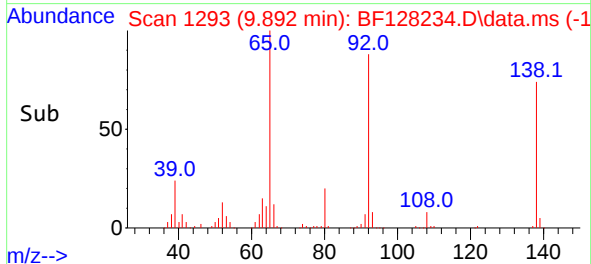
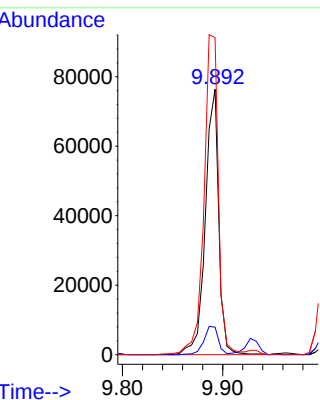
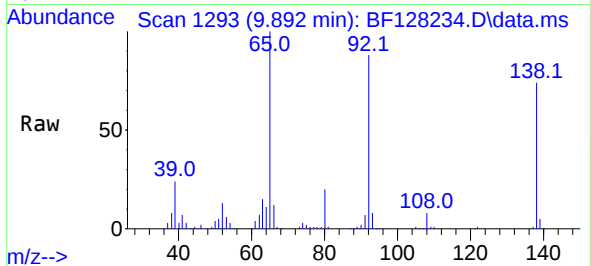
PB144784BS

Tgt Ion:138 Resp: 7085
Ion Ratio Lower Upper
138 100
108 10.3 8.2 12.4
92 119.4 102.7 154.1

Manual Integrations

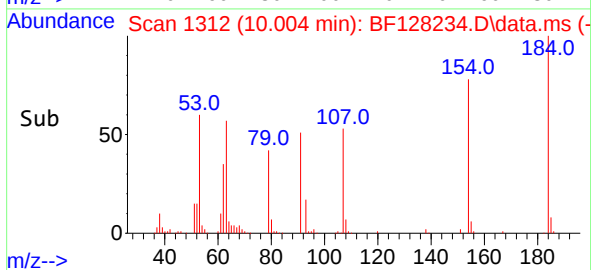
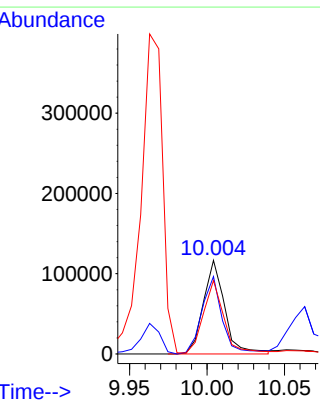
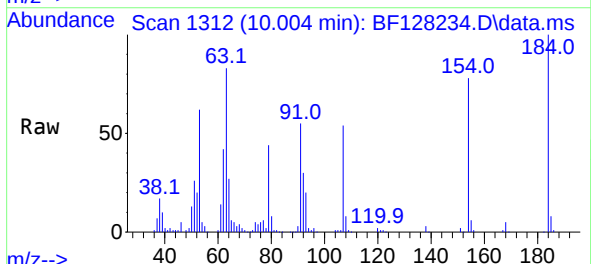
APPROVED

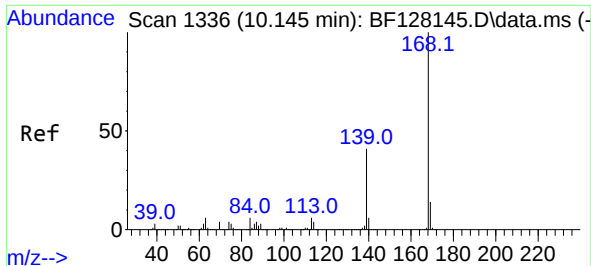
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#54
2,4-Dinitrophenol
Concen: 74.920 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

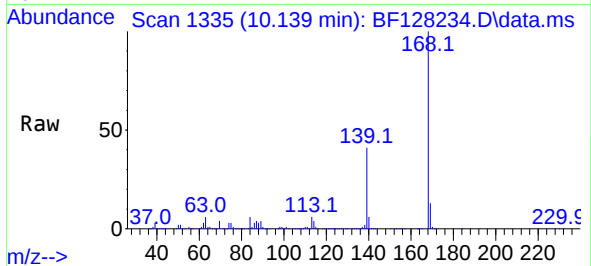
Tgt Ion:184 Resp: 111464
Ion Ratio Lower Upper
184 100
63 82.7 50.0 75.0#
154 78.5 51.7 77.5#





#55
Dibenzenofuran
Concen: 38.766 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

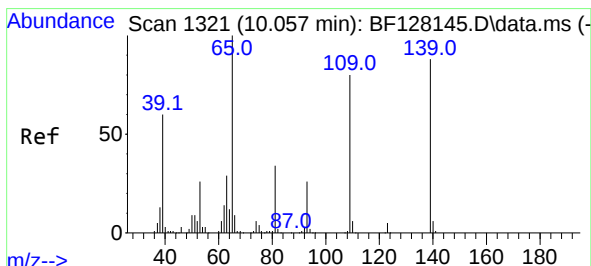
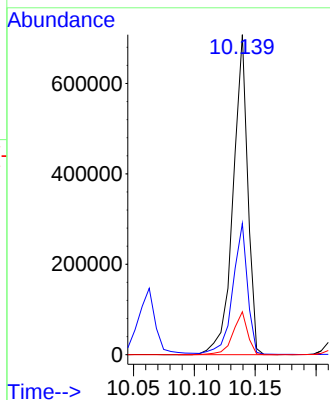
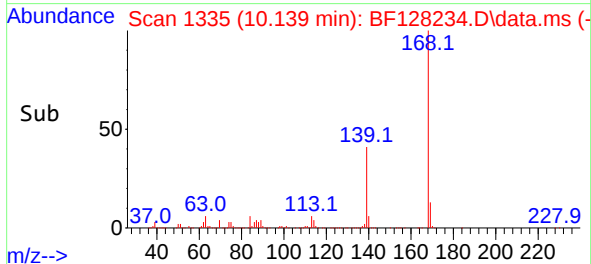
Instrument :
BNA_F
ClientSampleId :
PB144784BS



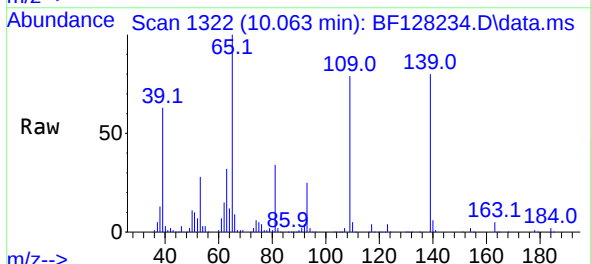
Tgt Ion:168 Resp: 59171
Ion Ratio Lower Upper
168 100
139 41.0 31.7 47.5
169 13.4 10.9 16.3

Manual Integrations
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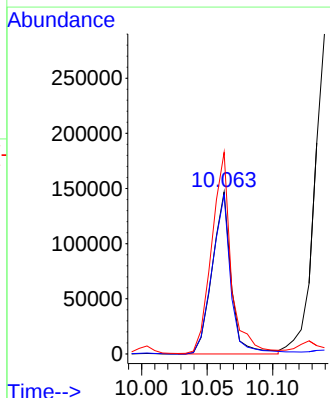
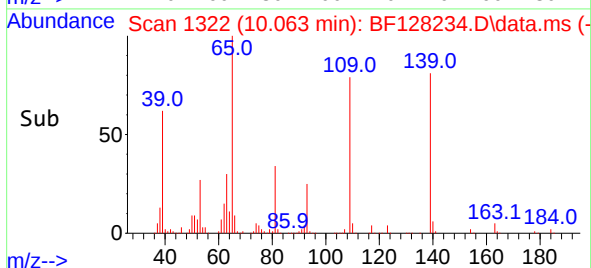
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

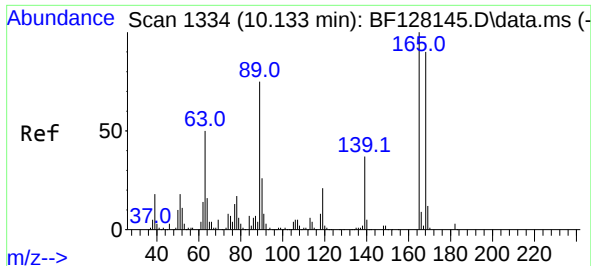


#56
4-Nitrophenol
Concen: 72.122 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:139 Resp: 146929
Ion Ratio Lower Upper
139 100
109 98.4 61.9 101.9
65 124.5 93.5 133.5





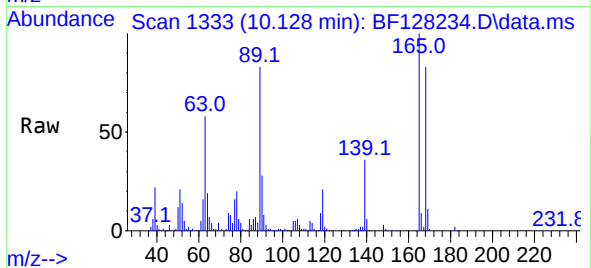
#57
2,4-Dinitrotoluene
Concen: 41.533 ng
RT: 10.128 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

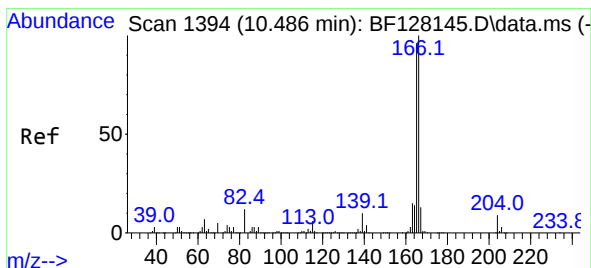
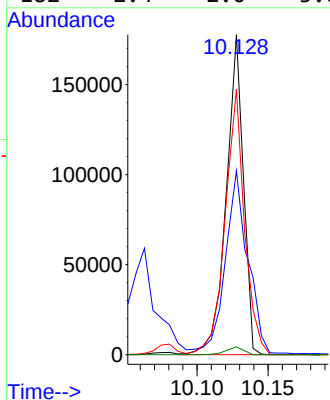
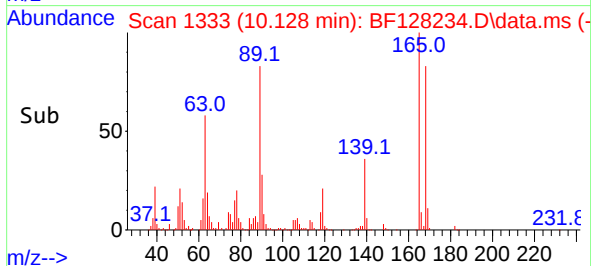


Tgt Ion:165 Resp: 14935
Ion Ratio Lower Upper
165 100
63 57.5 32.6 49.0
89 82.9 55.2 82.8
182 2.4 2.0 3.0

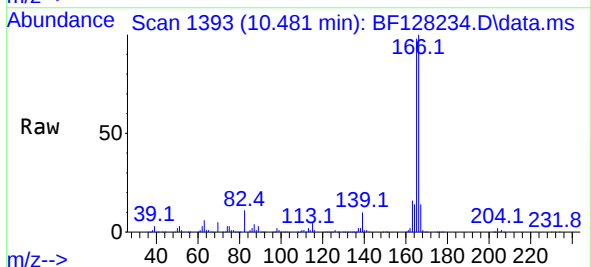
Manual Integrations

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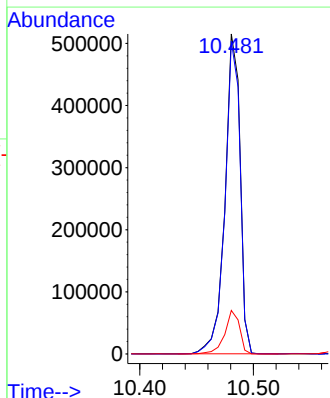
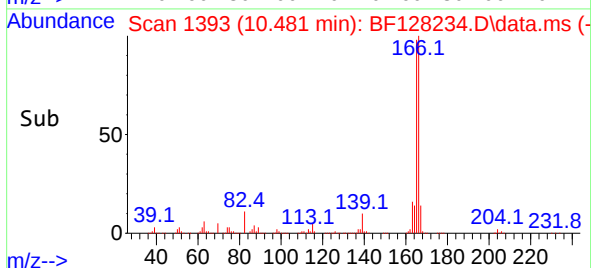
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

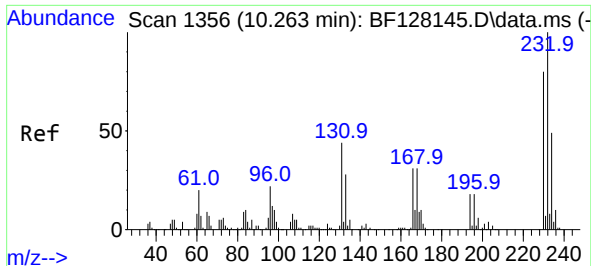


#58
Fluorene
Concen: 40.126 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



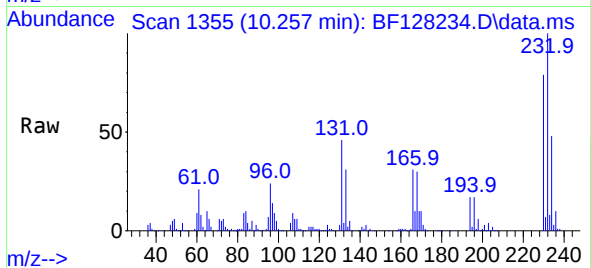
Tgt Ion:166 Resp: 477065
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.859 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

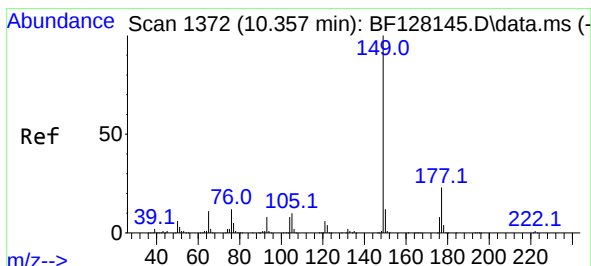
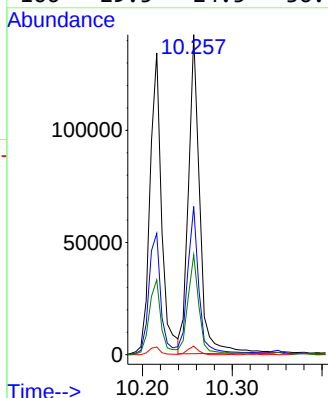
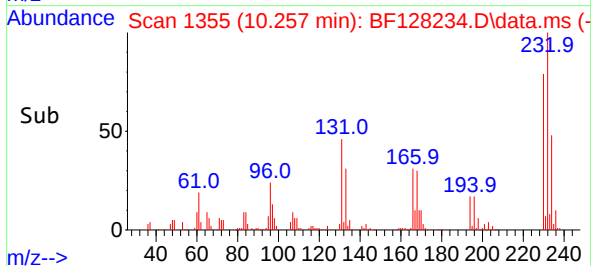
Instrument :
BNA_F
ClientSampleId :
PB144784BS



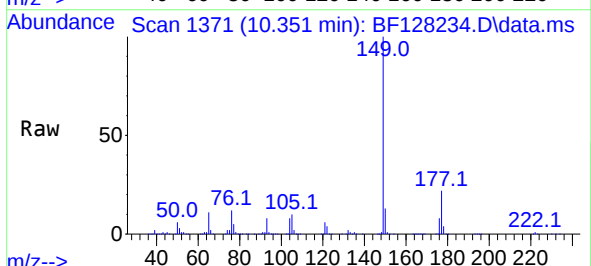
Tgt Ion:232 Resp: 12455
Ion Ratio Lower Upper
232 100
131 46.2 35.4 53.2
130 2.5 1.9 2.9
166 29.5 24.5 36.7

Manual Integrations
APPROVED

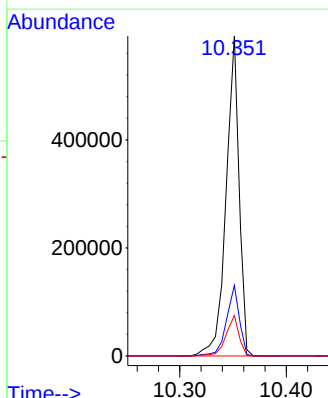
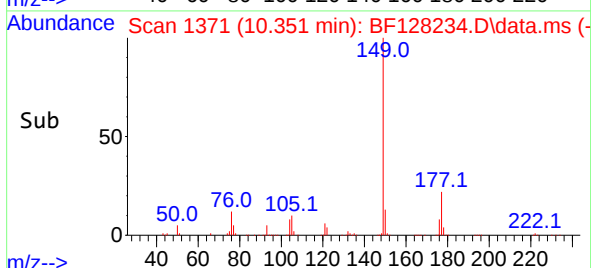
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

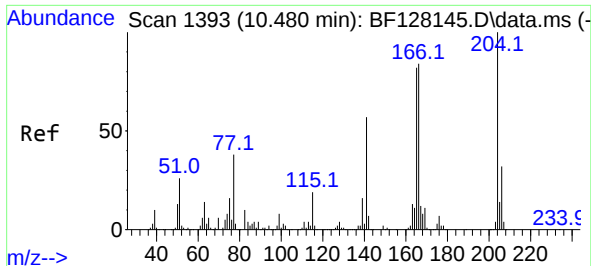


#60
Diethylphthalate
Concen: 41.052 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



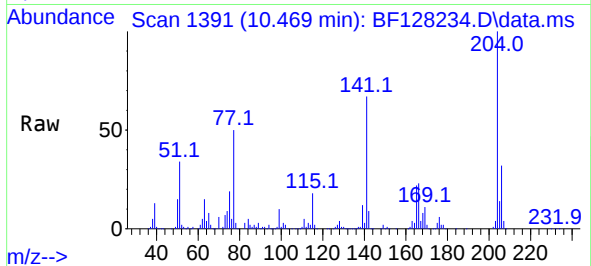
Tgt Ion:149 Resp: 502137
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.958 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

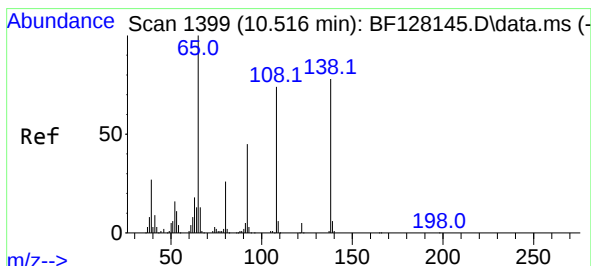
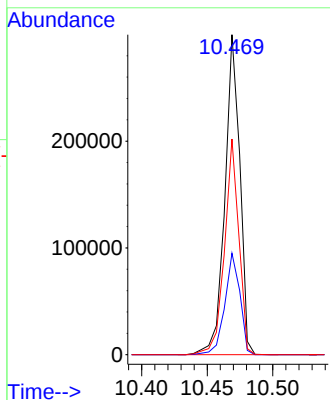
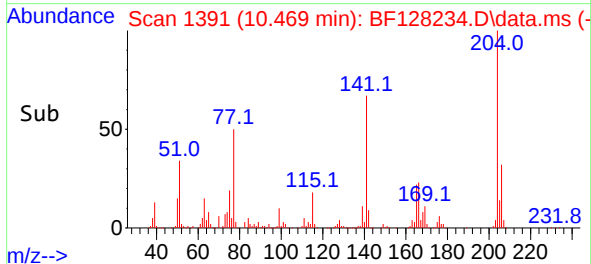
Instrument :
BNA_F
ClientSampleId :
PB144784BS



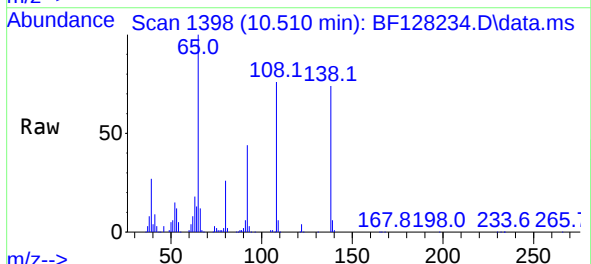
Tgt Ion:204 Resp: 236912
Ion Ratio Lower Upper
204 100
206 31.7 26.5 39.7
141 67.4 48.7 73.1

Manual Integrations
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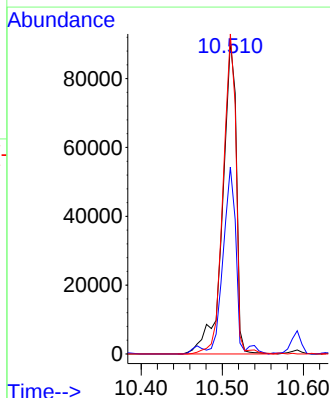
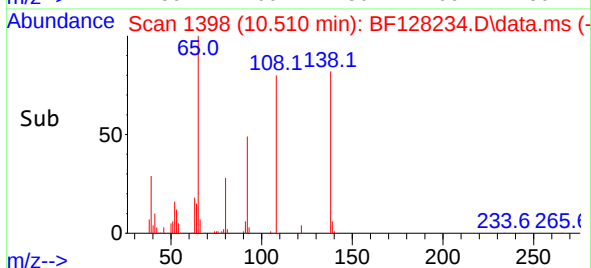
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

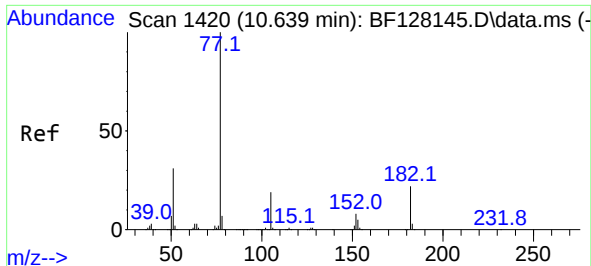


#62
4-Nitroaniline
Concen: 36.563 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



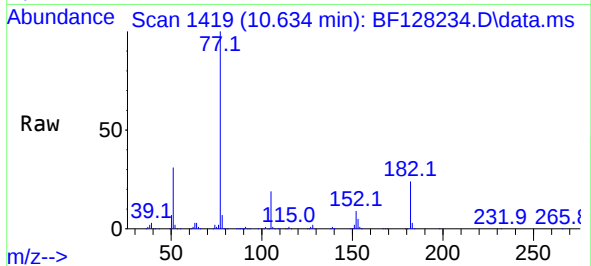
Tgt Ion:138 Resp: 108066
Ion Ratio Lower Upper
138 100
92 59.8 37.4 77.4
108 102.4 68.4 108.4





#63
Azobenzene
Concen: 39.553 ng
RT: 10.634 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

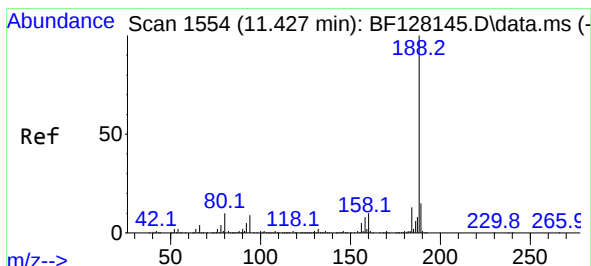
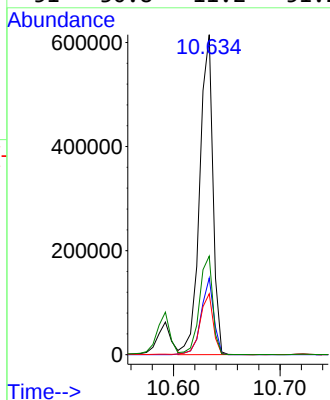
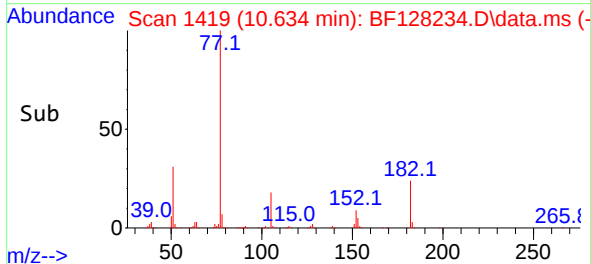
Instrument :
BNA_F
ClientSampleId :
PB144784BS



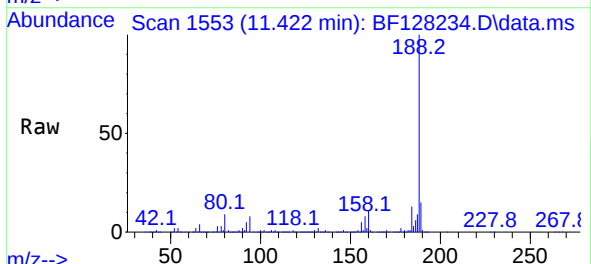
Tgt Ion: 77 Resp: 529778
Ion Ratio Lower Upper
77 100
182 23.9 1.2 41.2
105 19.0 0.0 39.8
51 30.8 11.2 51.2

Manual Integrations
APPROVED

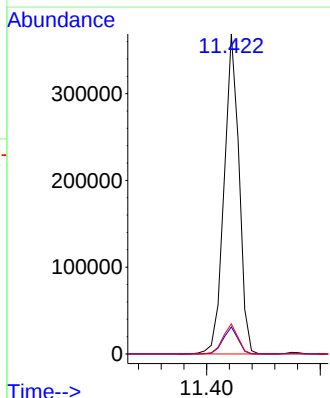
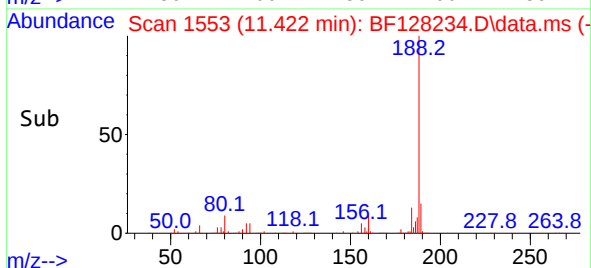
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

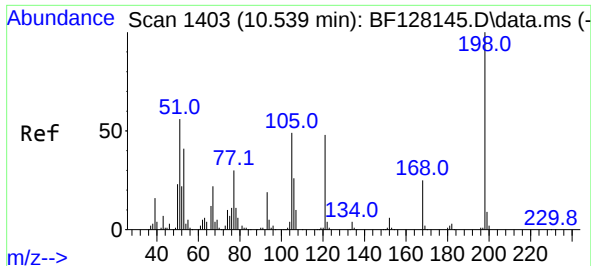


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:188 Resp: 337770
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.4 8.9 13.3





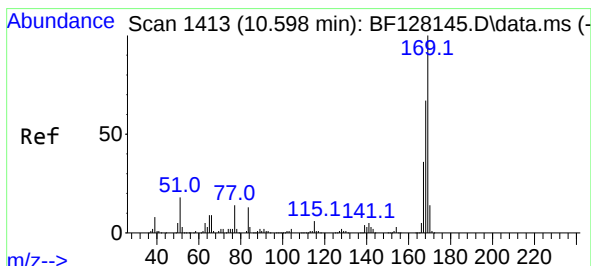
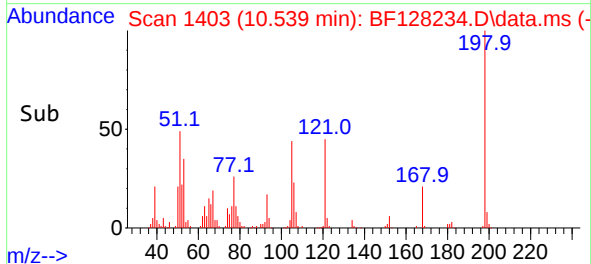
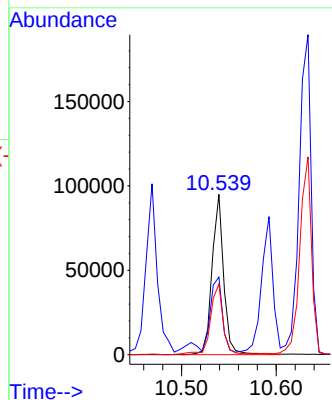
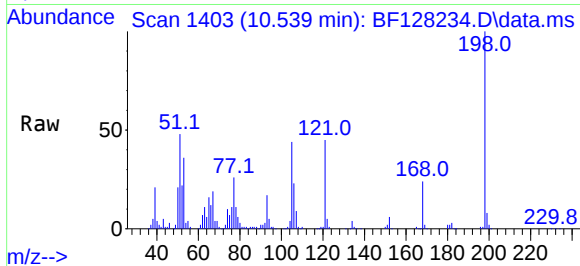
#65
4,6-Dinitro-2-methylphenol
Concen: 38.382 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Tgt Ion:198 Resp: 8113
Ion Ratio Lower Upper
198 100
51 48.4 28.4 68.4
105 44.1 23.4 63.4

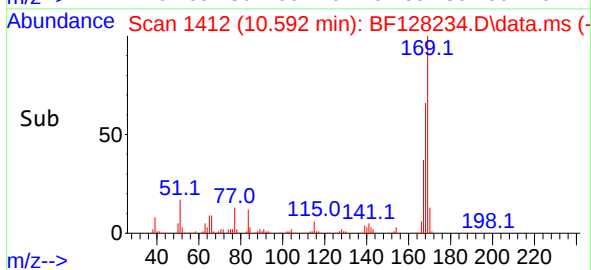
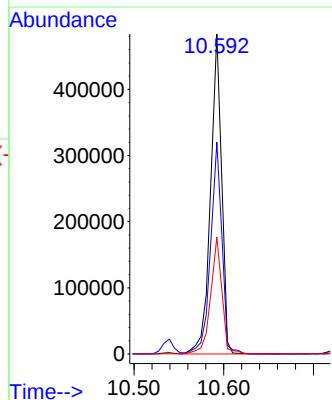
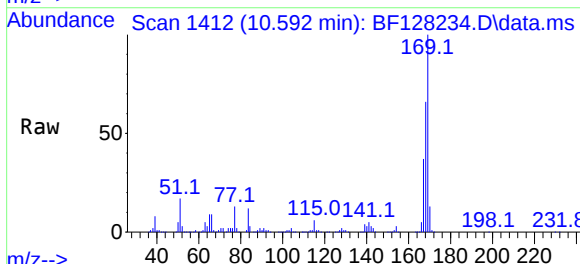
Manual Integrations
APPROVED

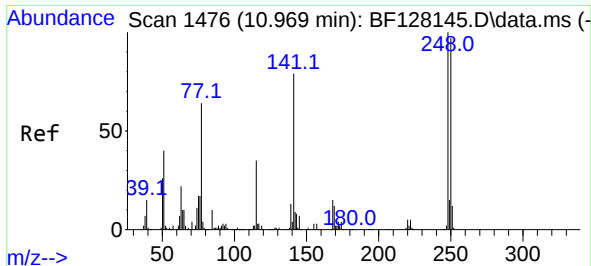
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#66
n-Nitrosodiphenylamine
Concen: 42.314 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:169 Resp: 416541
Ion Ratio Lower Upper
169 100
168 66.2 53.8 80.6
167 36.5 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 42.631 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

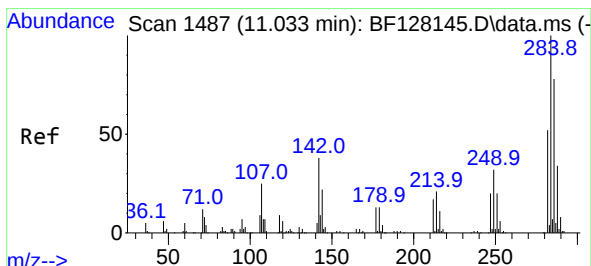
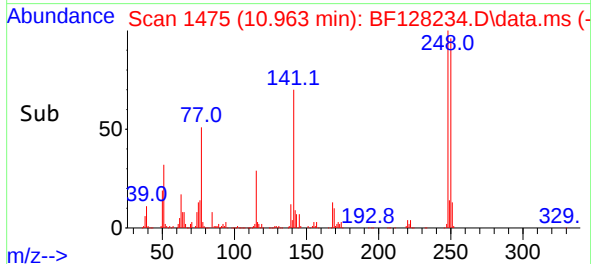
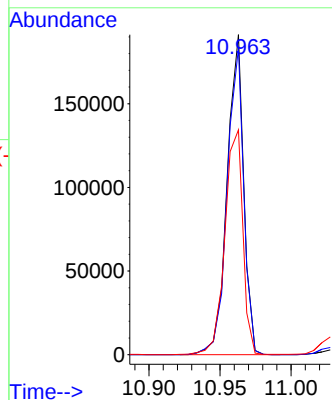
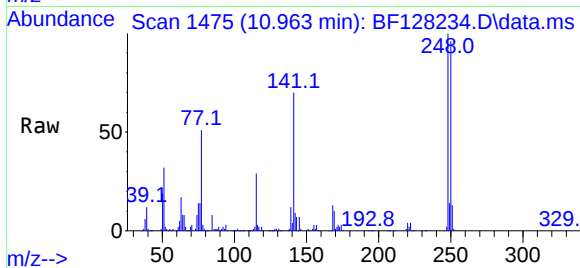
PB144784BS

Tgt Ion:248 Resp: 154919
Ion Ratio Lower Upper
248 100
250 95.8 77.7 116.5
141 70.3 65.6 98.4

Manual Integrations

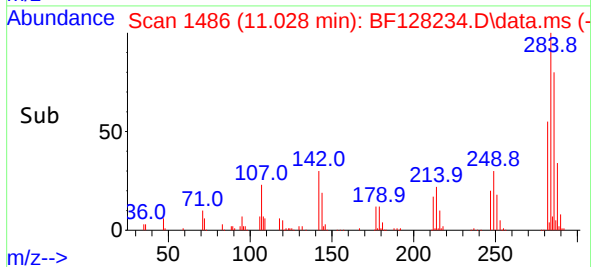
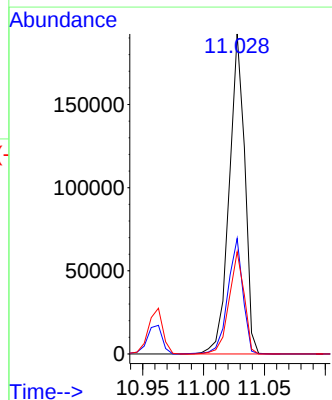
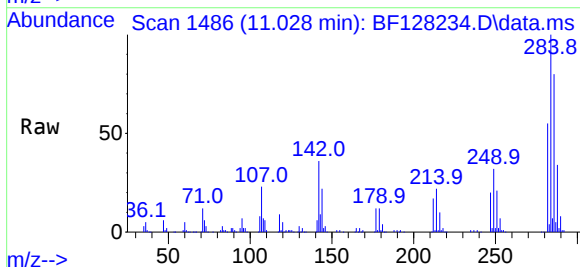
APPROVED

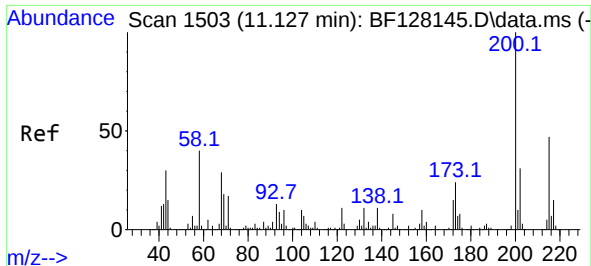
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#68
Hexachlorobenzene
Concen: 42.983 ng
RT: 11.028 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

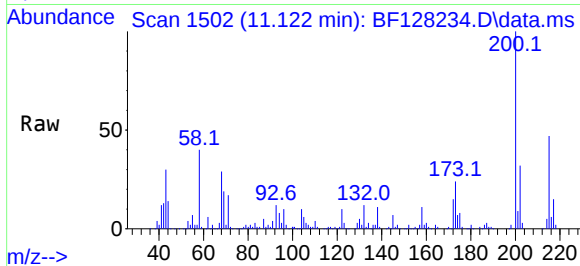
Tgt Ion:284 Resp: 170863
Ion Ratio Lower Upper
284 100
142 36.1 30.2 45.4
249 32.0 26.1 39.1





#69
Atrazine
Concen: 44.523 ng
RT: 11.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

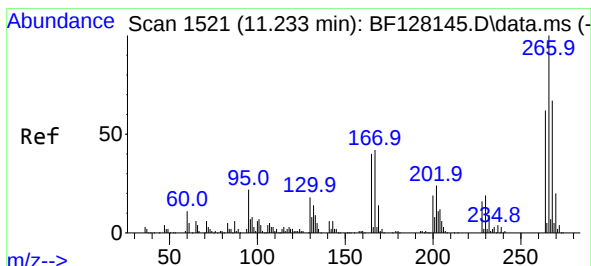
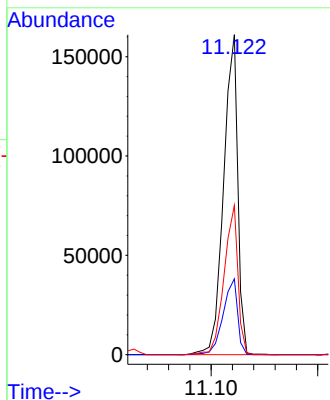
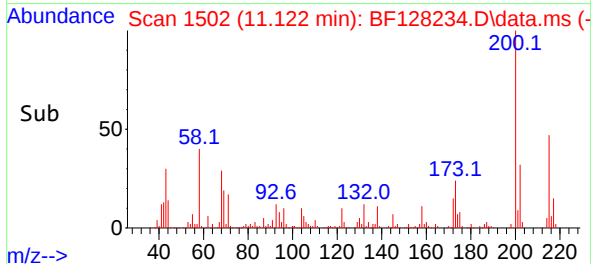
Instrument :
BNA_F
ClientSampleId :
PB144784BS



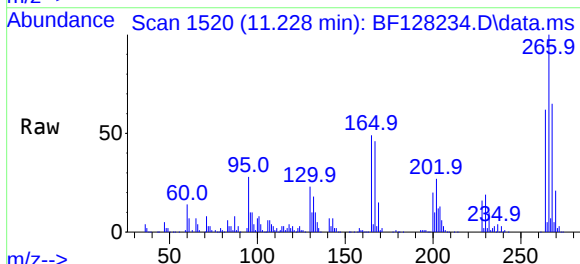
Tgt Ion:200 Resp: 147844
Ion Ratio Lower Upper
200 100
173 23.7 6.0 46.0
215 46.6 28.1 68.1

Manual Integrations
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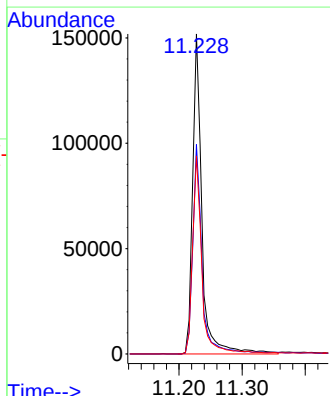
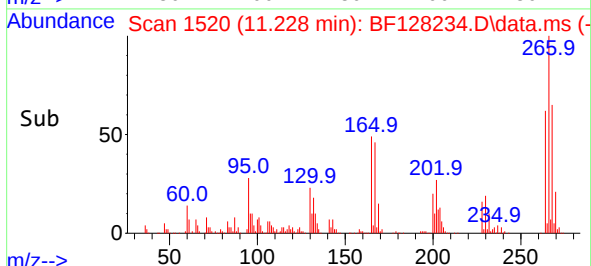
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

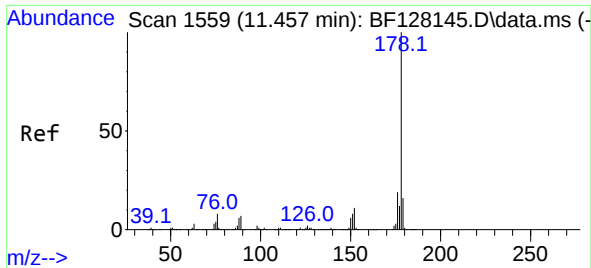


#70
Pentachlorophenol
Concen: 80.811 ng
RT: 11.228 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:266 Resp: 155903
Ion Ratio Lower Upper
266 100
268 65.5 53.0 79.6
264 61.9 53.1 79.7





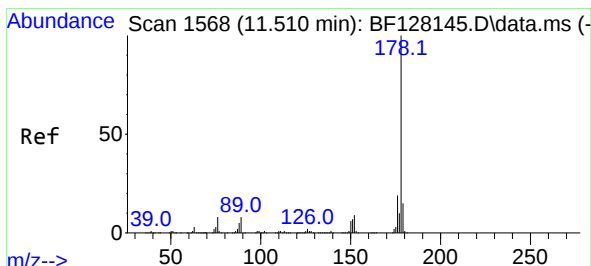
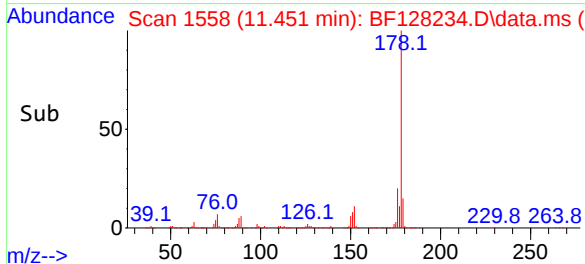
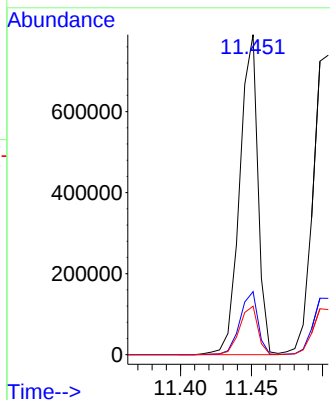
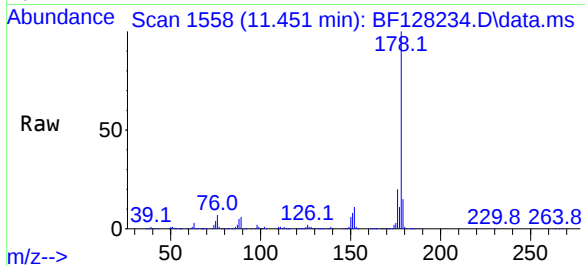
#71
Phenanthrene
Concen: 41.961 ng
RT: 11.451 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :
BNA_F
ClientSampleId :
PB144784BS

Tgt Ion:178 Resp: 70573
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.2 12.6 19.0

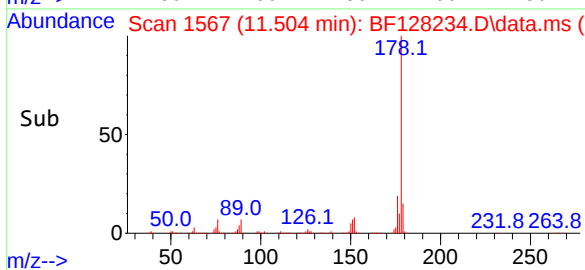
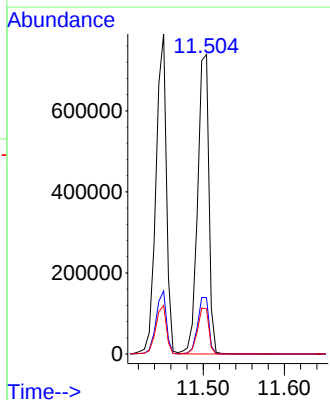
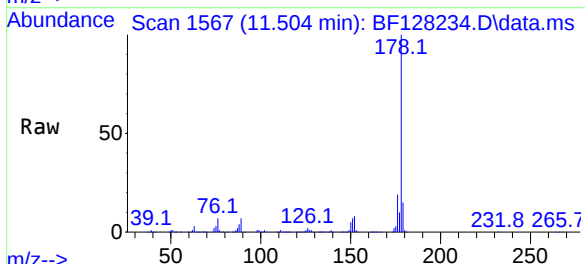
Manual Integrations
APPROVED

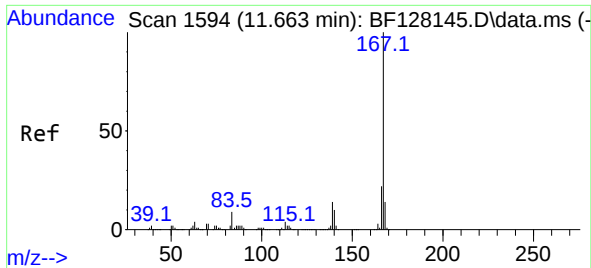
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#72
Anthracene
Concen: 42.453 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

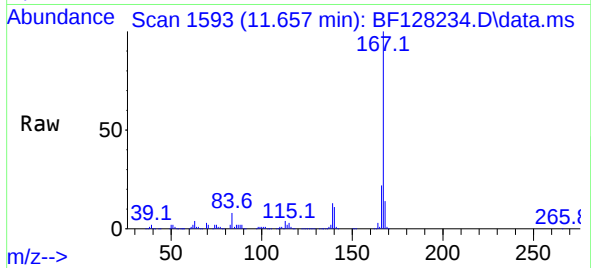
Tgt Ion:178 Resp: 712881
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 39.259 ng
 RT: 11.657 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF128234.D
 Acq: 13 May 2022 12:15

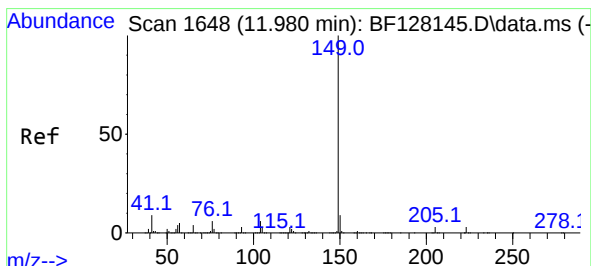
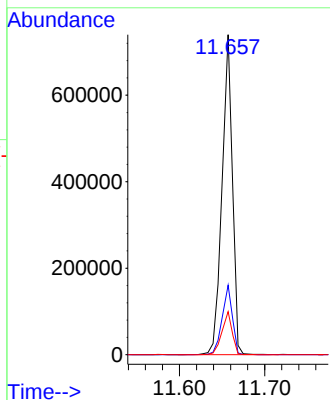
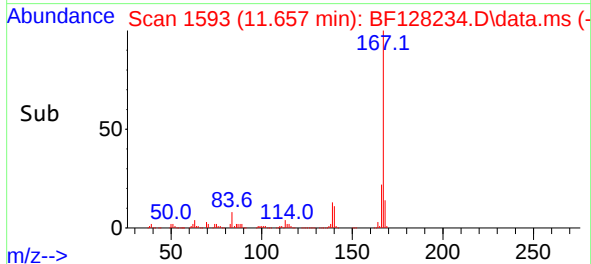
Instrument :
 BNA_F
 ClientSampleId :
 PB144784BS



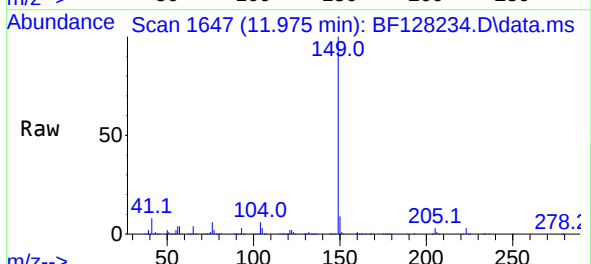
Tgt Ion:167 Resp: 62689
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.5 10.7 16.1

Manual Integrations
 APPROVED

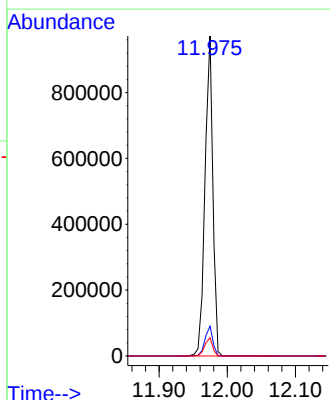
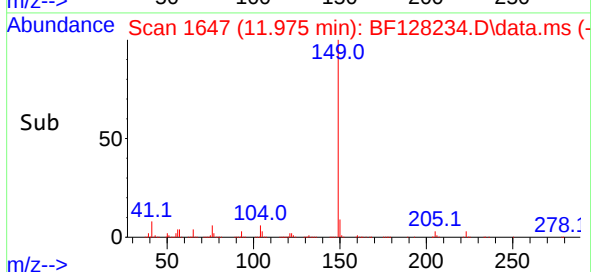
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

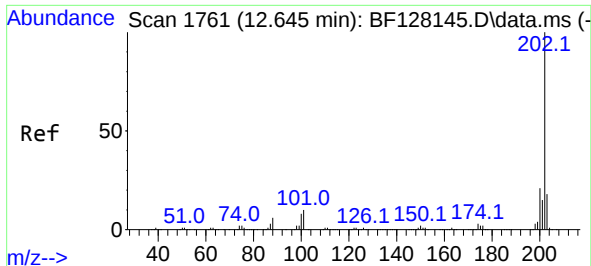


#74
 Di-n-butylphthalate
 Concen: 42.236 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF128234.D
 Acq: 13 May 2022 12:15



Tgt Ion:149 Resp: 776414
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.7 4.3 6.5





#75
Fluoranthene
Concen: 40.264 ng
RT: 12.639 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

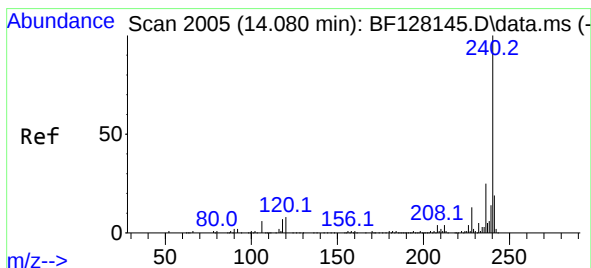
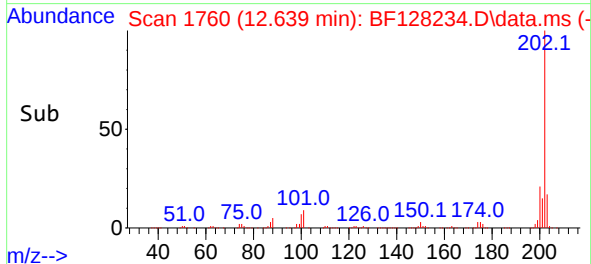
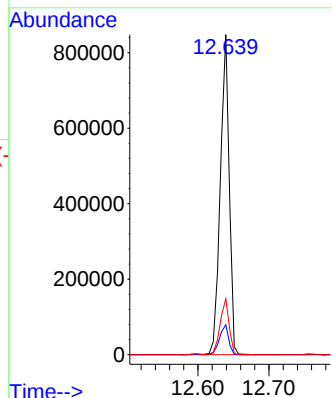
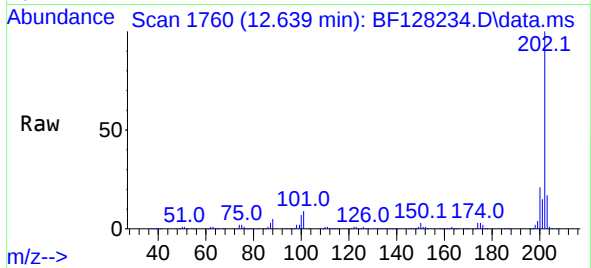
PB144784BS

Tgt Ion:202 Resp: 73418
Ion Ratio Lower Upper
202 100
101 9.4 0.0 31.6
203 17.4 0.0 38.1

Manual Integrations

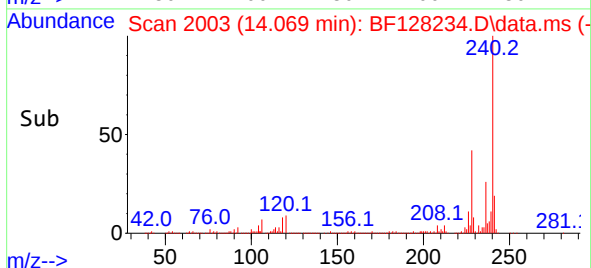
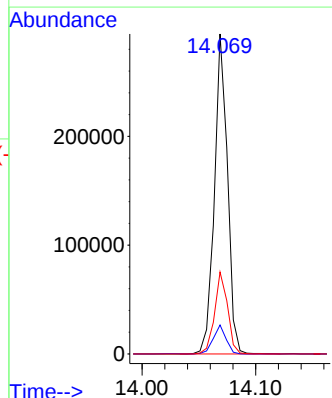
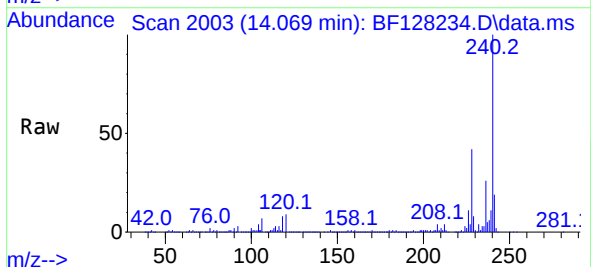
APPROVED

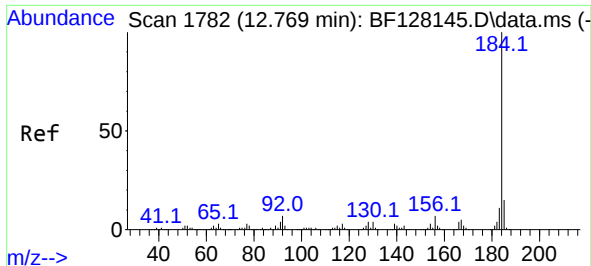
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

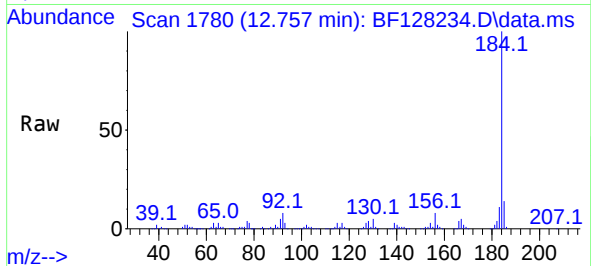
Tgt Ion:240 Resp: 234493
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.6 20.3 30.5





#77
Benzidine
Concen: 44.529 ng
RT: 12.757 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

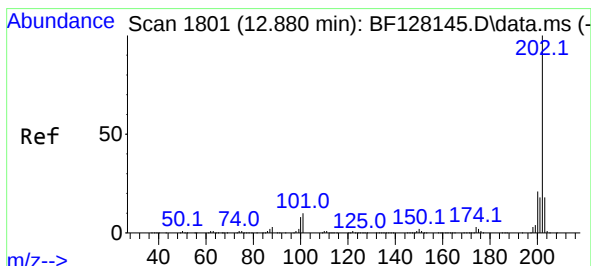
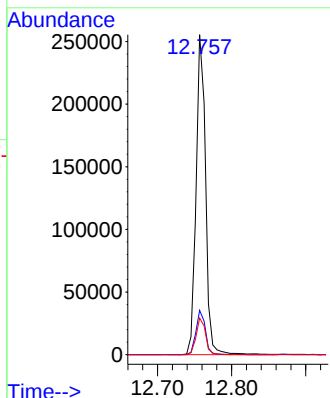
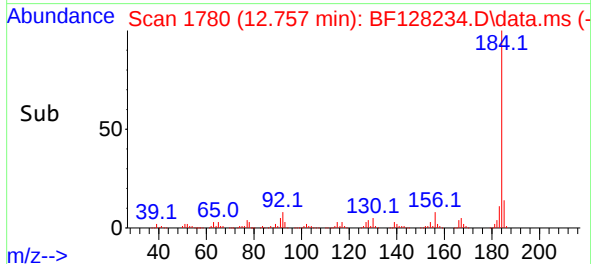
Instrument :
BNA_F
ClientSampleId :
PB144784BS



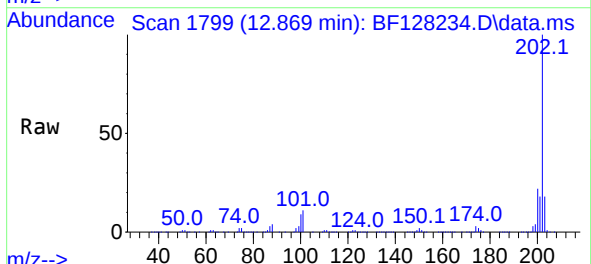
Tgt Ion:184 Resp: 22615
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 11.5 9.0 13.4

Manual Integrations
APPROVED

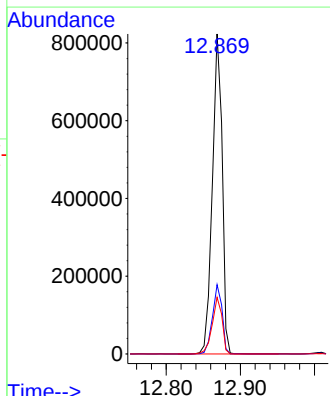
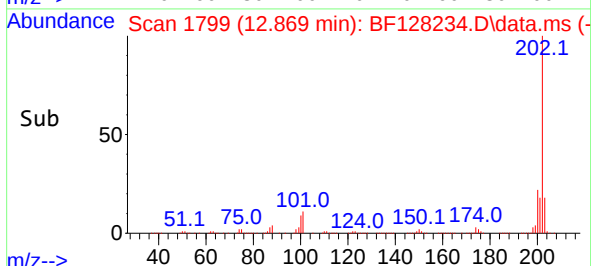
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

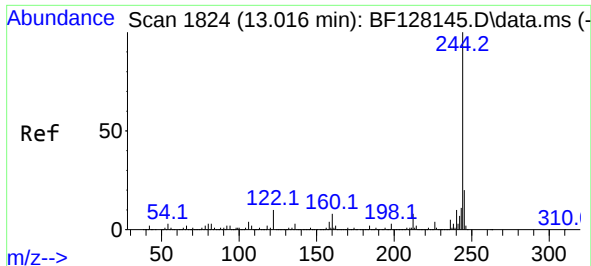


#78
Pyrene
Concen: 44.290 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:202 Resp: 753061
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.7 14.0 21.0





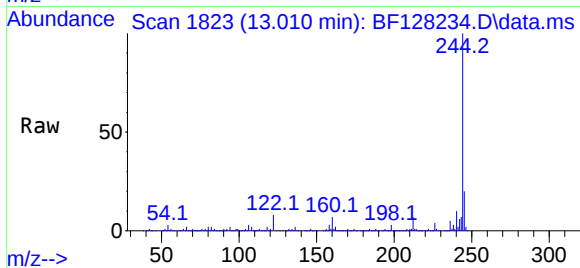
#79
Terphenyl-d14
Concen: 88.720 ng
RT: 13.010 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

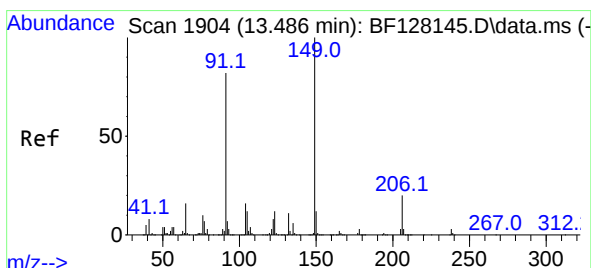
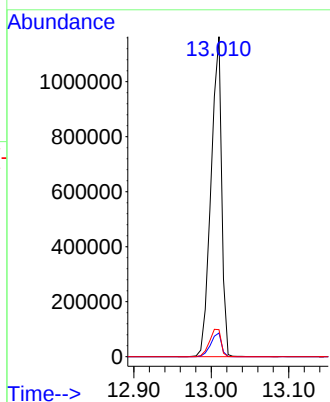
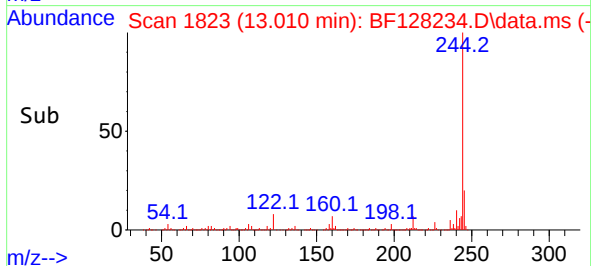


Tgt Ion:244 Resp: 1108720
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 8.5 8.6 12.8

Manual Integrations

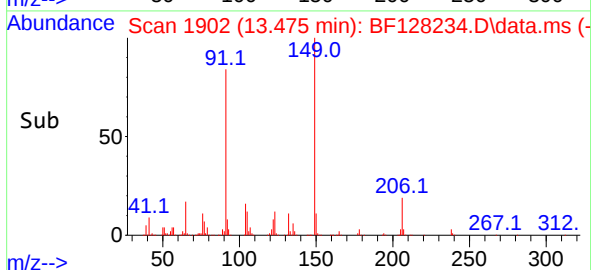
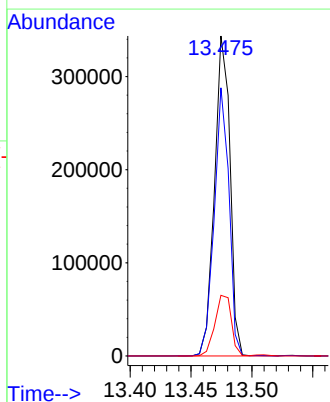
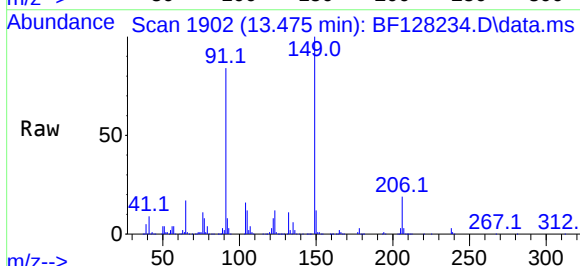
APPROVED

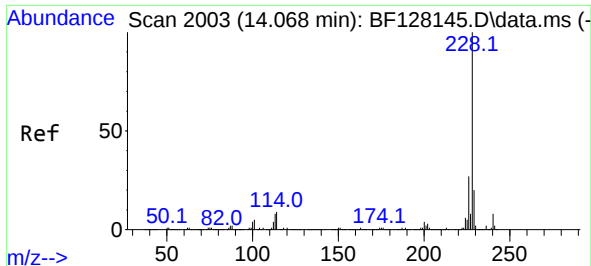
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#80
Butylbenzylphthalate
Concen: 43.038 ng
RT: 13.475 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:149 Resp: 304224
Ion Ratio Lower Upper
149 100
91 83.8 65.8 98.6
206 18.9 15.4 23.2





#81
Benzo(a)anthracene
Concen: 41.832 ng
RT: 14.057 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

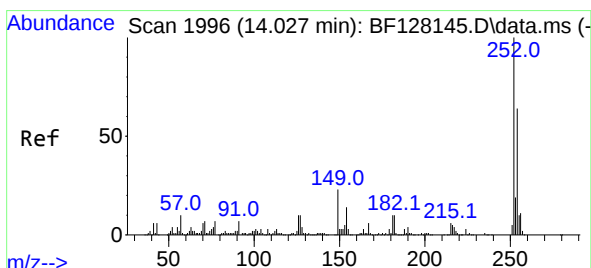
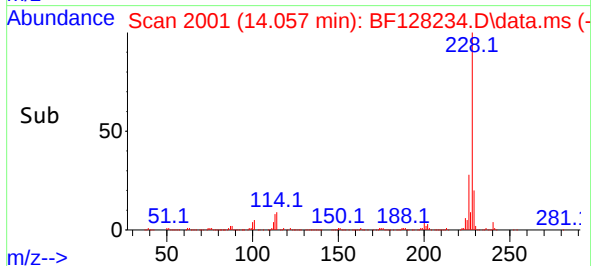
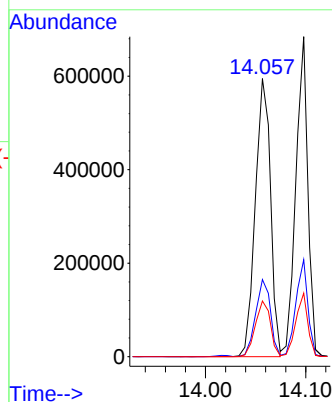
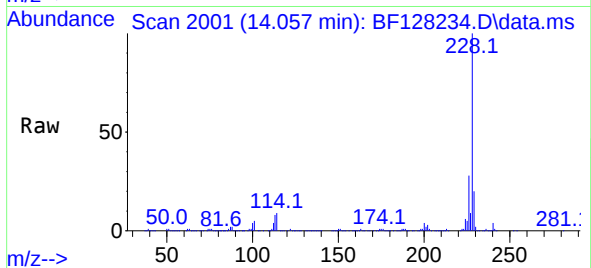
PB144784BS

Tgt Ion:228 Resp: 626550
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 20.1 15.4 23.2

Manual Integrations

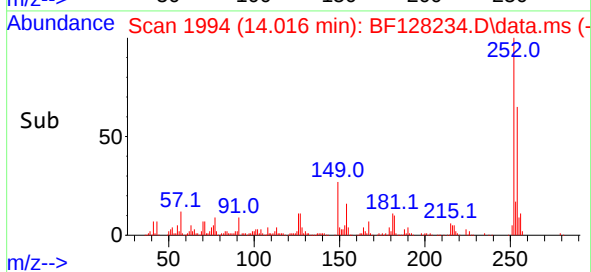
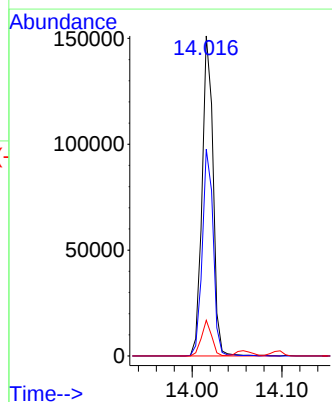
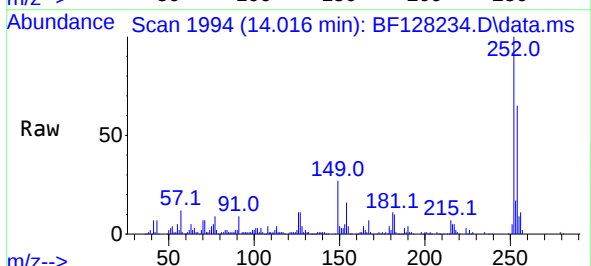
APPROVED

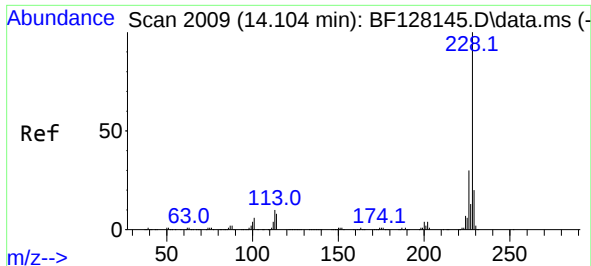
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.286 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:252 Resp: 128670
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 11.1 8.8 13.2





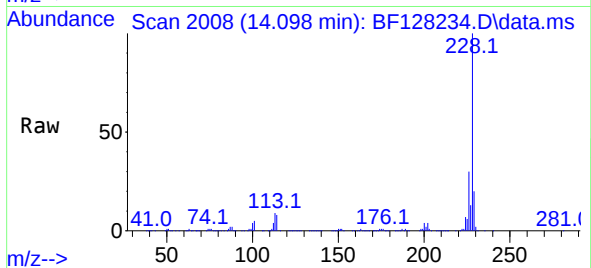
#83
Chrysene
Concen: 39.828 ng
RT: 14.098 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

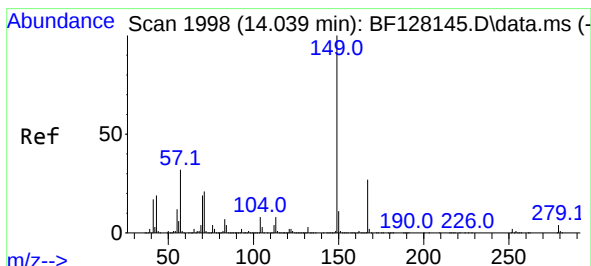
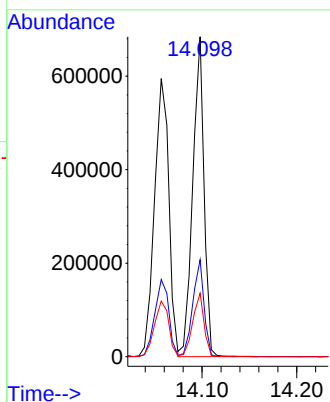
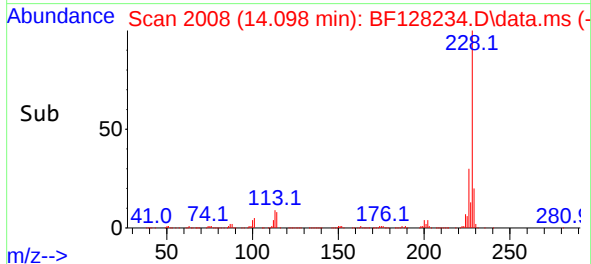


Tgt Ion:228 Resp: 56918
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.8 15.8 23.8

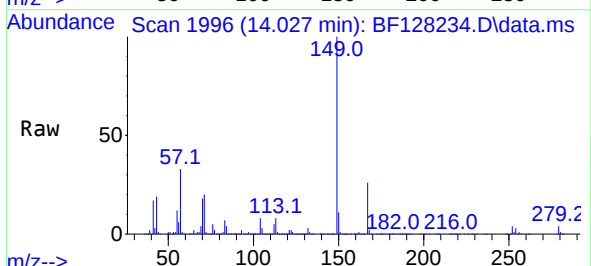
Manual Integrations

APPROVED

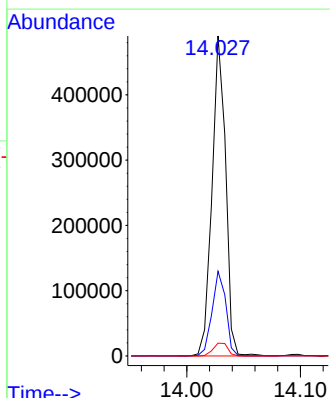
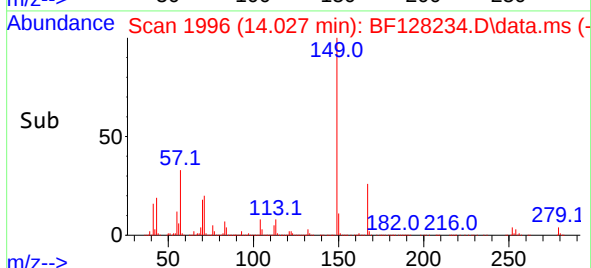
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

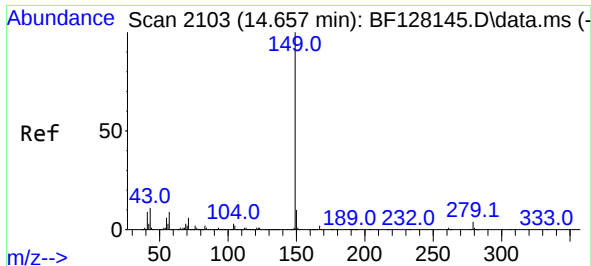


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.645 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



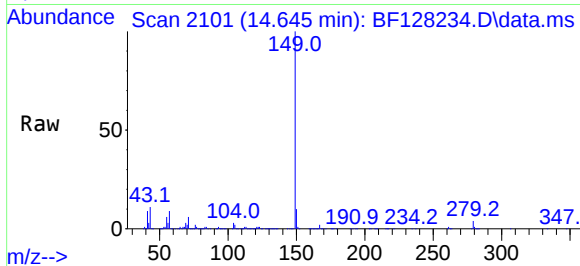
Tgt Ion:149 Resp: 407296
Ion Ratio Lower Upper
149 100
167 26.4 22.0 33.0
279 4.0 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 40.672 ng
RT: 14.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

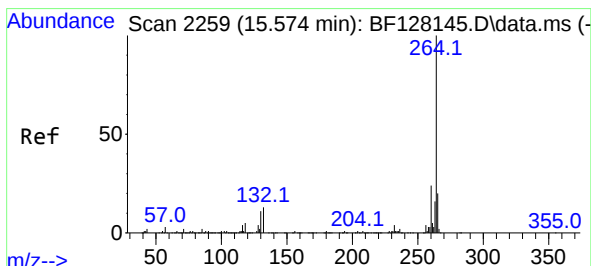
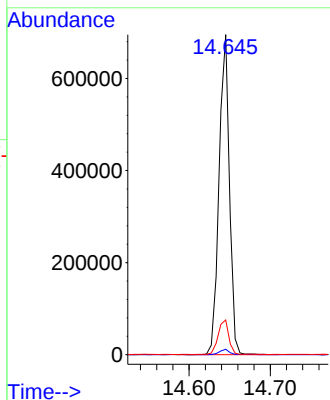
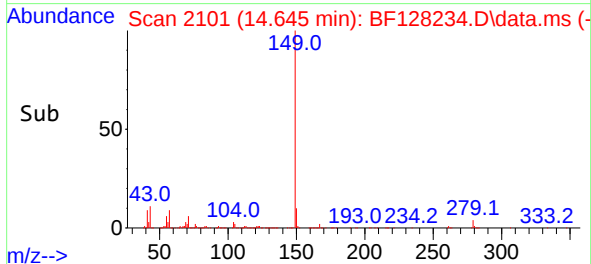
Instrument :
BNA_F
ClientSampleId :
PB144784BS



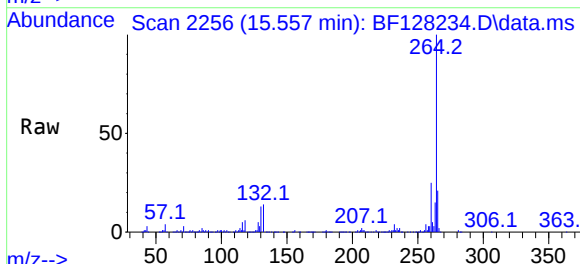
Tgt Ion:149 Resp: 620508
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 8.9 13.3

Manual Integrations
APPROVED

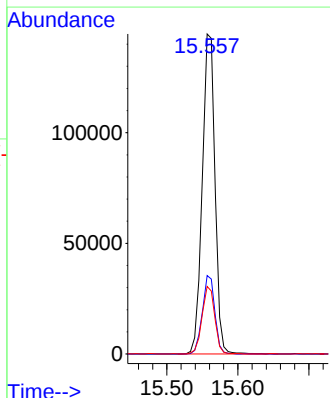
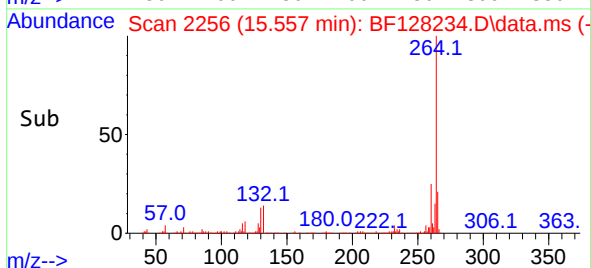
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

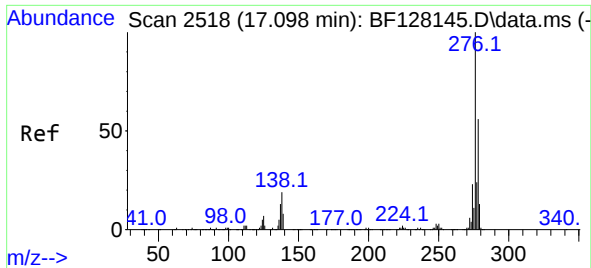


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15



Tgt Ion:264 Resp: 180803
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 21.1 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.502 ng
RT: 17.080 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

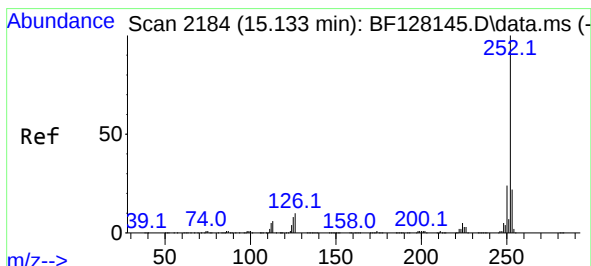
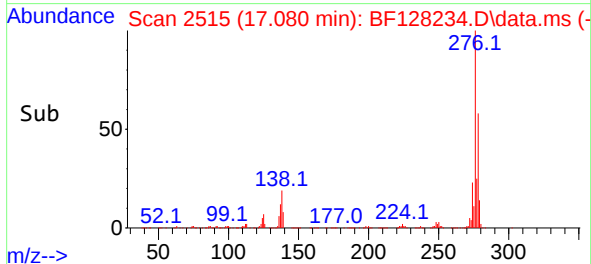
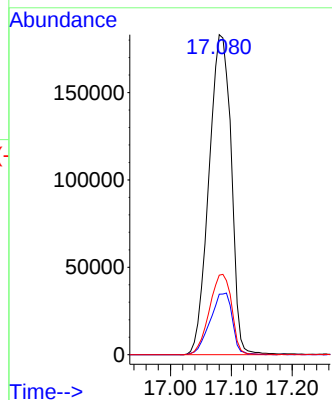
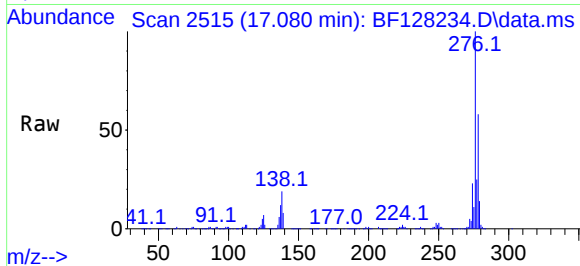
ClientSampleId :

PB144784BS

Tgt Ion:276 Resp: 46484
Ion Ratio Lower Upper
276 100
138 19.2 19.0 28.4
277 25.2 20.1 30.1

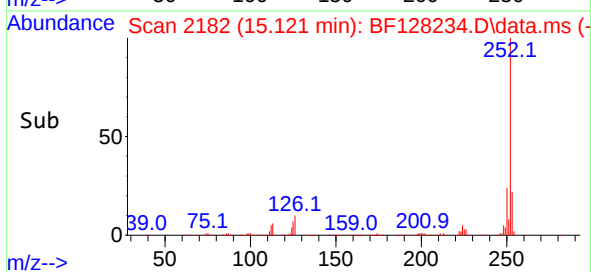
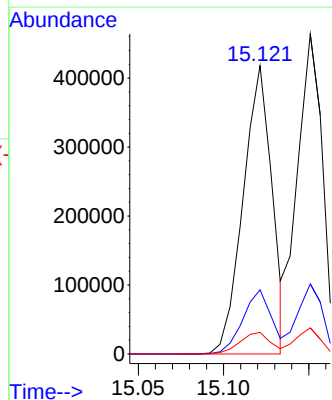
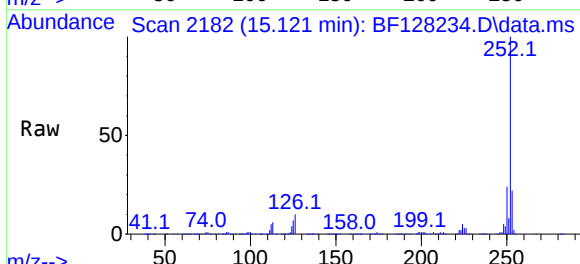
Manual Integrations
APPROVED

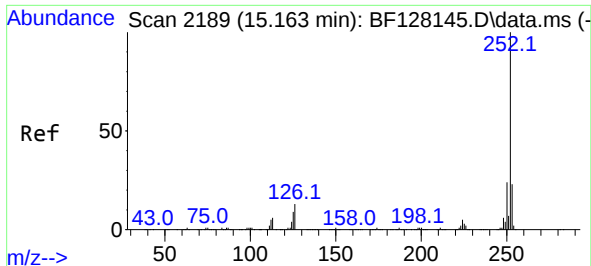
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#88
Benzo(b)fluoranthene
Concen: 43.977 ng
RT: 15.121 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:252 Resp: 492888
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.5 7.4 11.2





#89
Benzo(k)fluoranthene
Concen: 43.286 ng
RT: 15.151 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

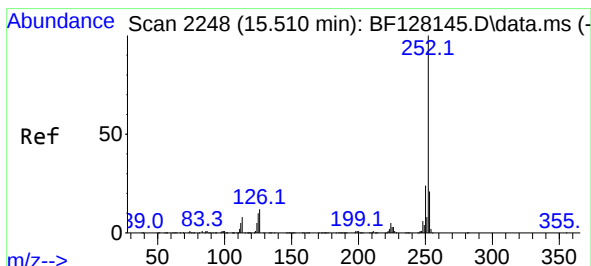
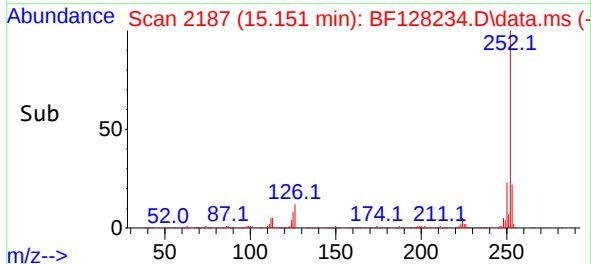
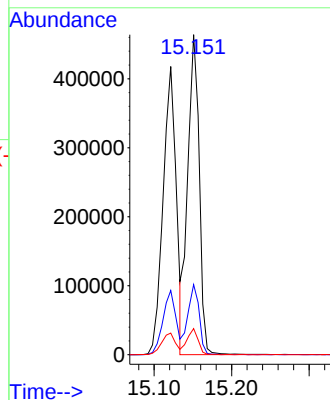
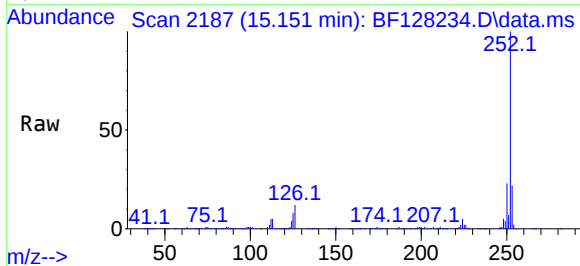
PB144784BS

Tgt Ion:252 Resp: 478894
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 8.1 6.8 10.2

Manual Integrations

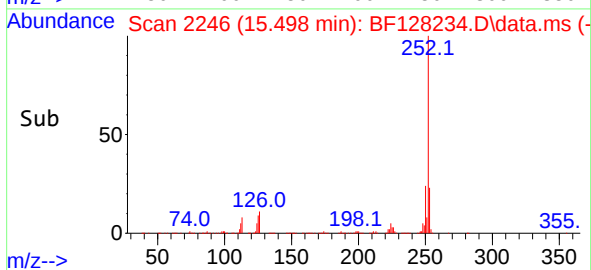
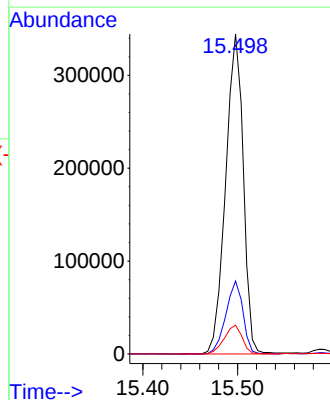
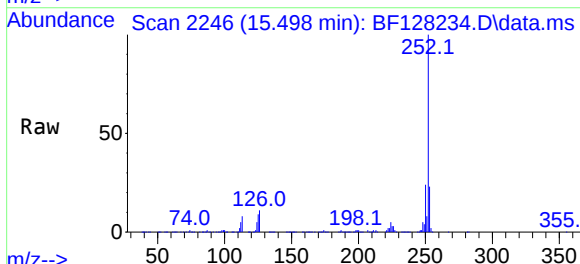
APPROVED

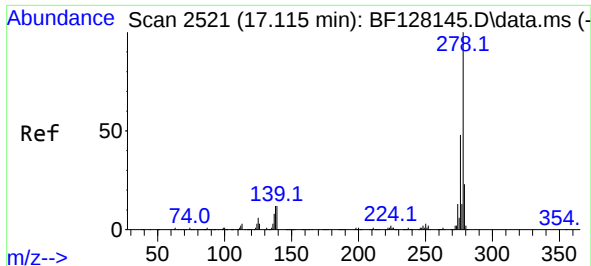
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#90
Benzo(a)pyrene
Concen: 49.367 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BF128234.D
Acq: 13 May 2022 12:15

Tgt Ion:252 Resp: 446688
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 9.0 9.2 13.8#





#91

Dibenzo(a,h)anthracene

Concen: 45.741 ng

RT: 17.098 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Instrument :

BNA_F

ClientSampleId :

PB144784BS

Tgt Ion:278 Resp: 40501

Ion Ratio Lower Upper

278 100

139 12.2 12.6 19.0

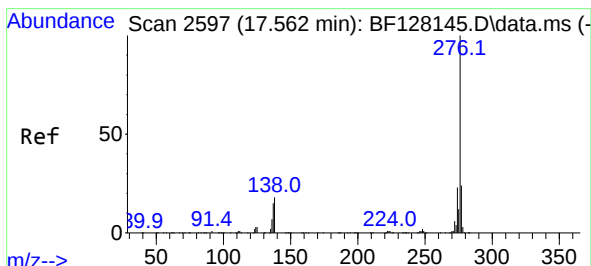
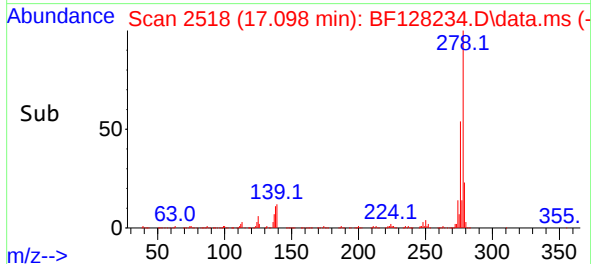
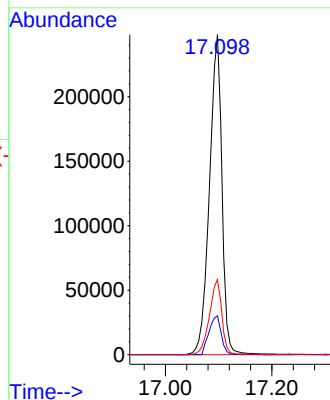
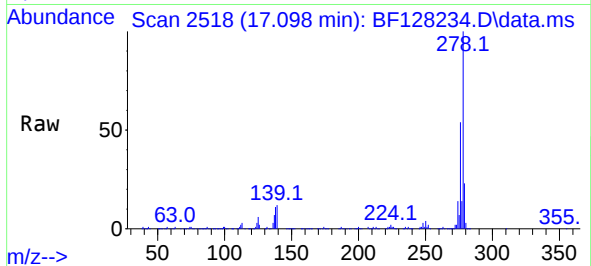
279 23.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#92

Benzo(g,h,i)perylene

Concen: 45.763 ng

RT: 17.545 min Scan# 2594

Delta R.T. -0.006 min

Lab File: BF128234.D

Acq: 13 May 2022 12:15

Tgt Ion:276 Resp: 410283

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 16.9 16.2 24.2

