

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128333.D
 Acq On : 19 May 2022 13:31
 Operator : CG\JU
 Sample : PB144919BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144919BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/20/2022
 Supervised By : Jagrut Upadhyay 05/20/2022

Quant Time: May 19 16:50:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102206	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391715	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	213678	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	408686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	217922	20.000	ng	0.00
86) Perylene-d12	15.539	264	189290	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787566	122.839	ng	0.01
7) Phenol-d6	6.510	99	1030415	121.511	ng	0.00
23) Nitrobenzene-d5	7.440	82	754922	86.718	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	303292	123.761	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1120970	82.085	ng	0.00
79) Terphenyl-d14	12.992	244	1287381	110.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	116144	40.723	ng	97
3) Pyridine	3.516	79	314358	41.547	ng	98
4) n-Nitrosodimethylamine	3.487	42	190192	50.424	ng	95
6) Aniline	6.534	93	376299	39.294	ng	97
8) 2-Chlorophenol	6.651	128	319912	48.990	ng	96
9) Benzaldehyde	6.422	77	249656	Below Cal		95
10) Phenol	6.522	94	404523	45.236	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	330553	49.357	ng	97
12) 1,3-Dichlorobenzene	6.804	146	344569	46.880	ng	96
13) 1,4-Dichlorobenzene	6.881	146	349106	47.006	ng	95
14) 1,2-Dichlorobenzene	7.034	146	331792	47.408	ng	99
15) Benzyl Alcohol	7.016	79	322430	48.114	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	481329	48.466	ng	78
17) 2-Methylphenol	7.128	107	265824	47.982	ng	# 90
18) Hexachloroethane	7.375	117	136616	48.690	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	247087	47.315	ng	94
20) 3+4-Methylphenols	7.281	107	305923	44.598	ng	# 78
22) Acetophenone	7.281	105	442565	45.372	ng	# 83
24) Nitrobenzene	7.457	77	392605	48.865	ng	99
25) Isophorone	7.692	82	712506	52.206	ng	99
26) 2-Nitrophenol	7.769	139	170499	48.327	ng	97
27) 2,4-Dimethylphenol	7.804	122	296027	54.437	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	405883	47.047	ng	99
29) 2,4-Dichlorophenol	8.010	162	265471	46.436	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	295282	45.067	ng	99
31) Naphthalene	8.175	128	891028	46.058	ng	100
32) Benzoic acid	7.951	122	146087	35.923	ng	92
33) 4-Chloroaniline	8.222	127	196995	25.651	ng	97
34) Hexachlorobutadiene	8.281	225	196917	44.757	ng	97
35) Caprolactam	8.610	113	84738m	45.407	ng	
36) 4-Chloro-3-methylphenol	8.716	107	300924	47.109	ng	96
37) 2-Methylnaphthalene	8.863	142	599096	45.933	ng	99
38) 1-Methylnaphthalene	8.963	142	566401	45.214	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	296270	47.004	ng	99
41) Hexachlorocyclopentadiene	9.010	237	284131	97.438	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	184967	45.549	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	189248	43.708	ng	97
46) 1,1'-Biphenyl	9.328	154	708739	45.561	ng	100
47) 2-Chloronaphthalene	9.357	162	523032	45.364	ng	96
48) 2-Nitroaniline	9.463	65	200391	48.478	ng	98
49) Acenaphthylene	9.775	152	872765	50.047	ng	100
50) Dimethylphthalate	9.634	163	637564	46.237	ng	100
51) 2,6-Dinitrotoluene	9.704	165	143355	47.393	ng	97
52) Acenaphthene	9.945	154	635031m	52.520	ng	
53) 3-Nitroaniline	9.875	138	88052	26.851	ng	96
54) 2,4-Dinitrophenol	9.992	184	141262	84.418	ng	92
55) Dibenzofuran	10.122	168	754789	43.966	ng	99
56) 4-Nitrophenol	10.051	139	177314	77.384	ng	88
57) 2,4-Dinitrotoluene	10.110	165	189103	46.754	ng	# 61
58) Fluorene	10.463	166	581406	43.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	153539	41.494	ng	97
60) Diethylphthalate	10.334	149	649582	47.217	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	291753	43.750	ng	97
62) 4-Nitroaniline	10.498	138	136983	41.206	ng	90
63) Azobenzene	10.610	77	746855	49.576	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	98872	38.655	ng	93
66) n-Nitrosodiphenylamine	10.575	169	560750	47.079	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	202369	46.025	ng	98
68) Hexachlorobenzene	11.010	284	225573	46.900	ng	97
69) Atrazine	11.104	200	197345	49.117	ng	96
70) Pentachlorophenol	11.210	266	193651	82.960	ng	98
71) Phenanthrene	11.428	178	931831	45.790	ng	99
72) Anthracene	11.480	178	944722	46.497	ng	99
73) Carbazole	11.639	167	833489	43.140	ng	99
74) Di-n-butylphthalate	11.957	149	1009939	45.406	ng	99
75) Fluoranthene	12.622	202	948299	42.982	ng	97
77) Benzidine	12.745	184	393158	83.299	ng	97
78) Pyrene	12.851	202	954990	60.438	ng	100
80) Butylbenzylphthalate	13.457	149	343573	52.301	ng	98
81) Benzo(a)anthracene	14.039	228	690920	49.637	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	117561	37.640	ng	99
83) Chrysene	14.080	228	617824	46.519	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	464502	52.333	ng	96
85) Di-n-octyl phthalate	14.627	149	730593	51.529	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	617958	53.968	ng	98
88) Benzo(b)fluoranthene	15.104	252	584685	49.828	ng	99
89) Benzo(k)fluoranthene	15.133	252	554571	47.878	ng	99
90) Benzo(a)pyrene	15.480	252	534861	56.461	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	527012	56.850	ng	# 97
92) Benzo(g,h,i)perylene	17.521	276	499746	53.242	ng	96

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

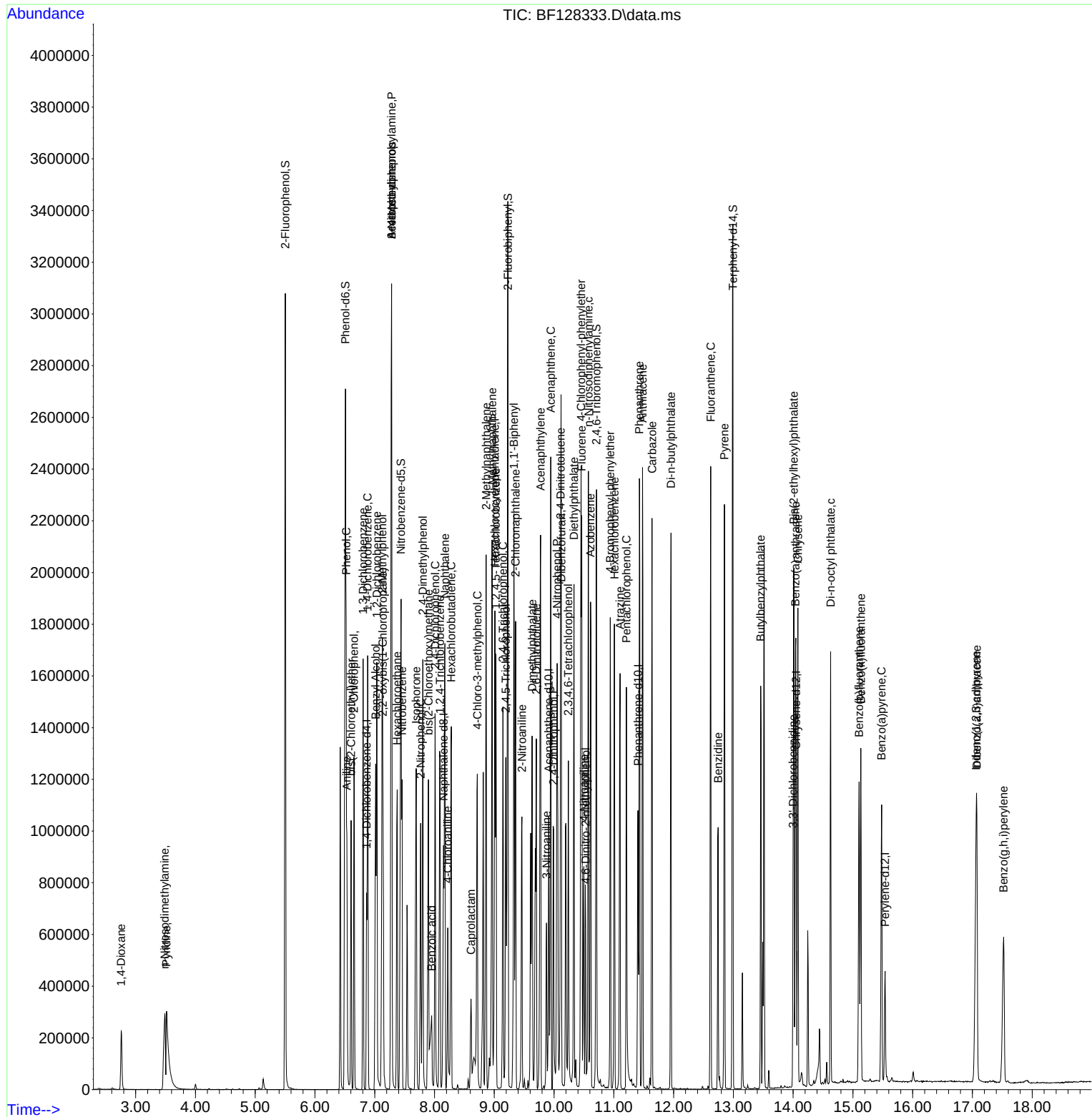
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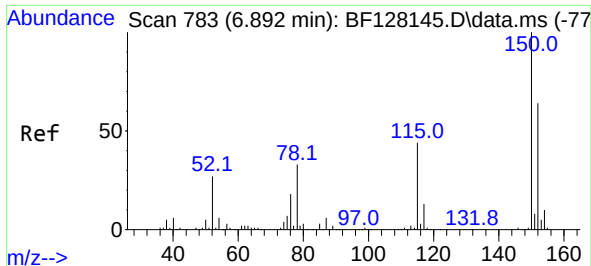
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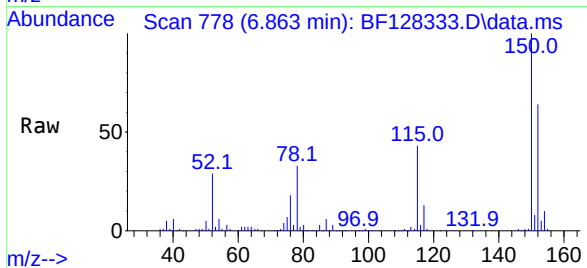
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

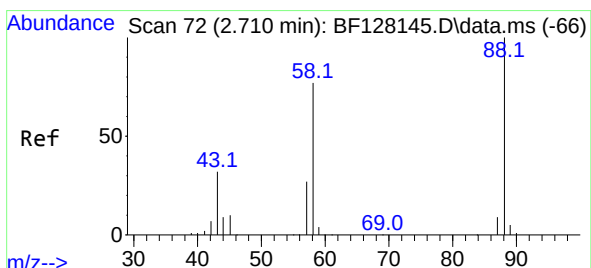
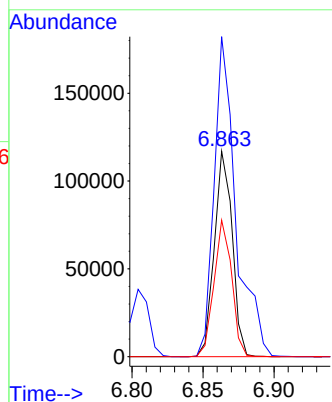
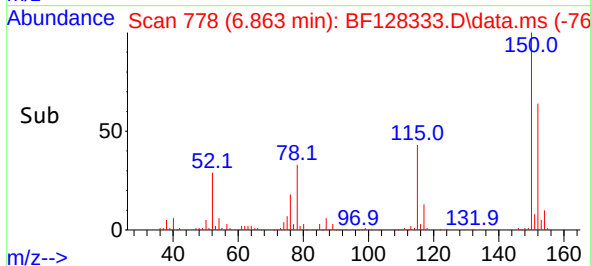


Tgt Ion:152 Resp: 102200
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 66.4 48.8 73.2

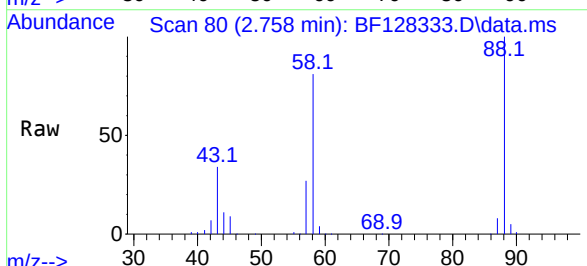
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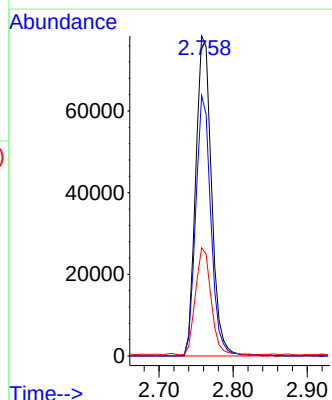
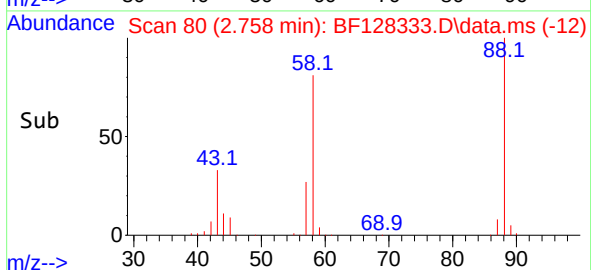
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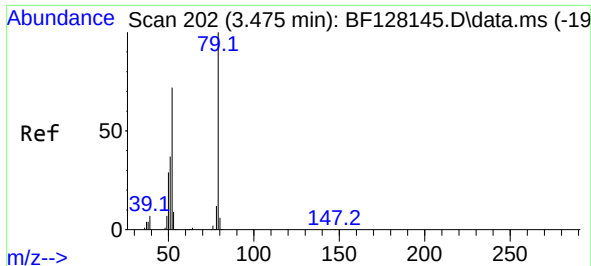


#2
1,4-Dioxane
Concen: 40.723 ng
RT: 2.758 min Scan# 80
Delta R.T. 0.100 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



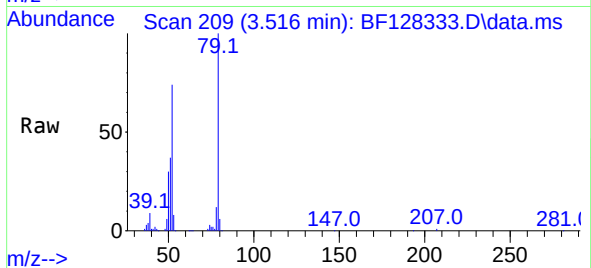
Tgt Ion: 88 Resp: 116144
Ion Ratio Lower Upper
88 100
58 78.4 61.0 91.4
43 33.0 24.9 37.3





#3
Pyridine
Concen: 41.547 ng
RT: 3.516 min Scan# 204
Delta R.T. 0.088 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

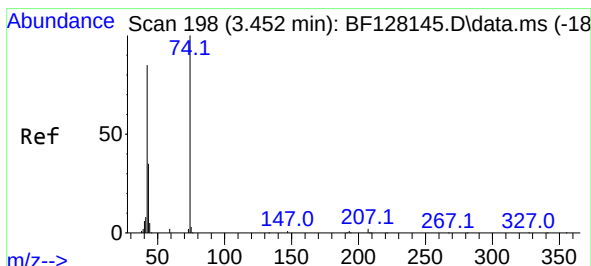
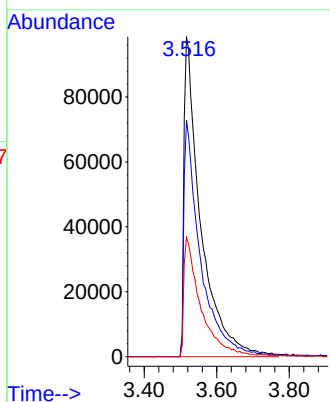
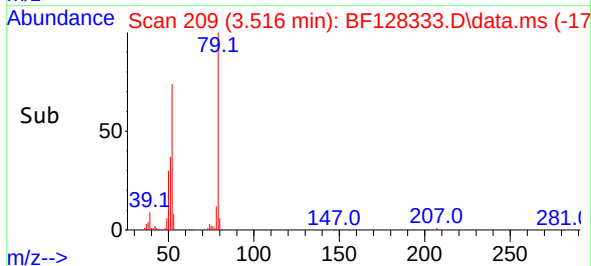
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BNA_F
ClientSampleId :
PB144919BS



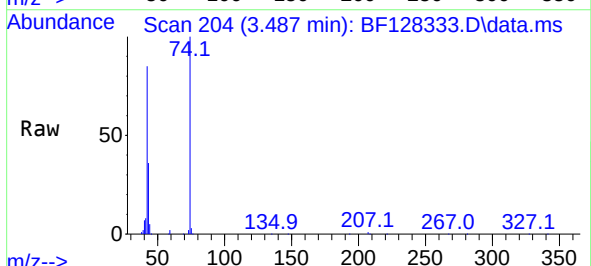
Tgt Ion: 79 Resp: 314358
Ion Ratio Lower Upper
79 100
52 73.9 58.3 87.5
51 37.3 28.6 42.8

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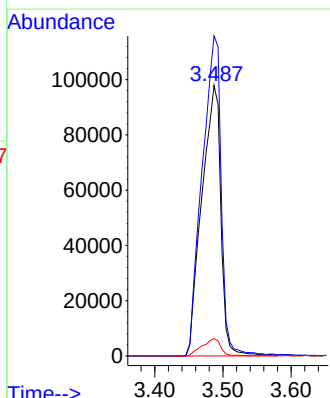
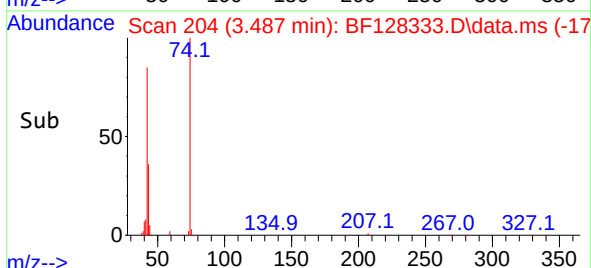
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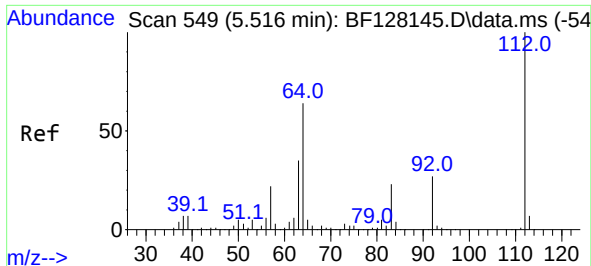


#4
n-Nitrosodimethylamine
Concen: 50.424 ng
RT: 3.487 min Scan# 204
Delta R.T. 0.083 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion: 42 Resp: 190192
Ion Ratio Lower Upper
42 100
74 118.3 99.0 148.4
44 6.4 5.2 7.8





#5
2-Fluorophenol
Concen: 122.839 ng
RT: 5.504 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

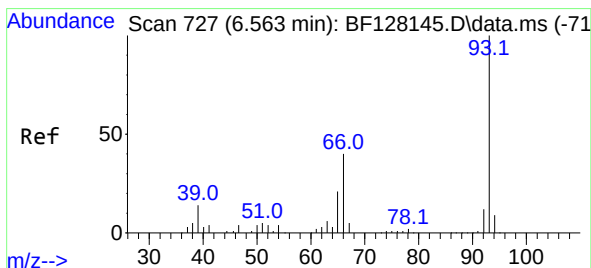
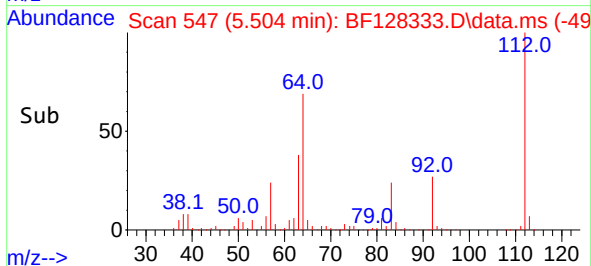
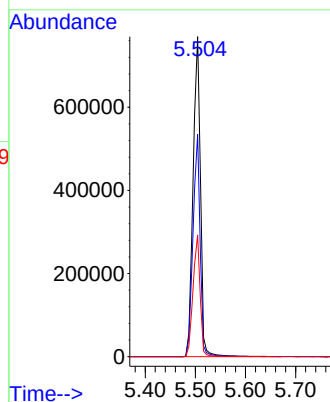
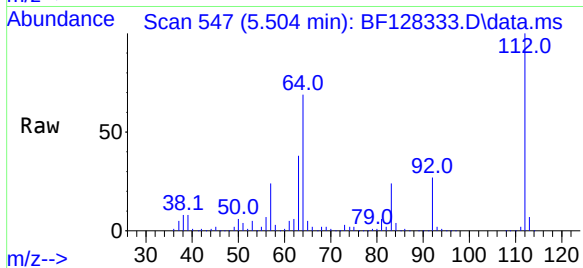
PB144919BS

Tgt Ion:112 Resp: 787560
Ion Ratio Lower Upper
112 100
64 69.5 49.5 74.3
63 38.1 26.3 39.5

Manual Integrations

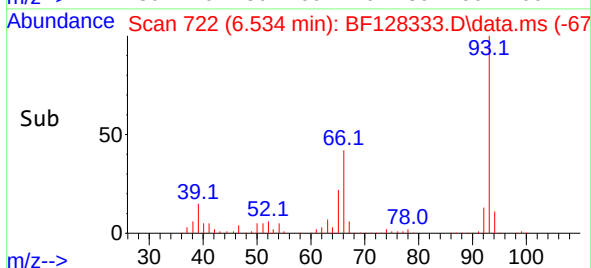
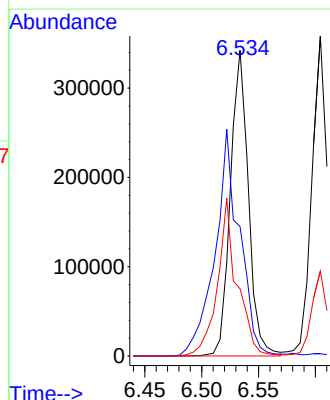
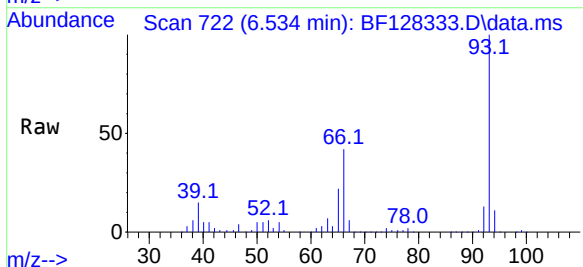
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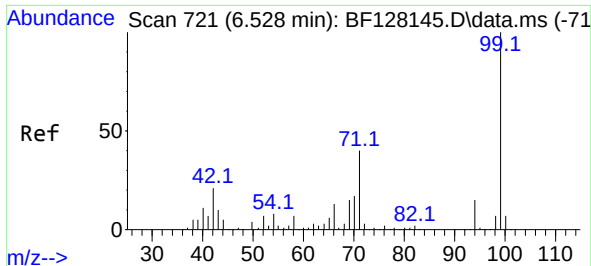
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#6
Aniline
Concen: 39.294 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF128333.D
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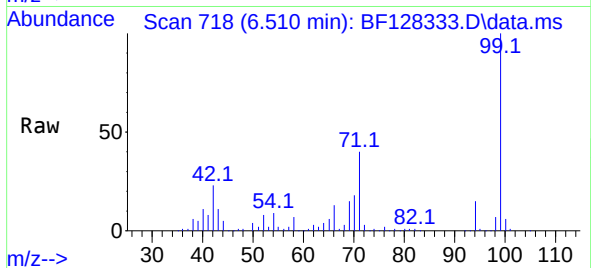
Tgt Ion: 93 Resp: 376299
Ion Ratio Lower Upper
93 100
66 42.4 32.2 48.4
65 22.0 16.7 25.1





#7
Phenol-d6
Concen: 121.511 ng
RT: 6.510 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

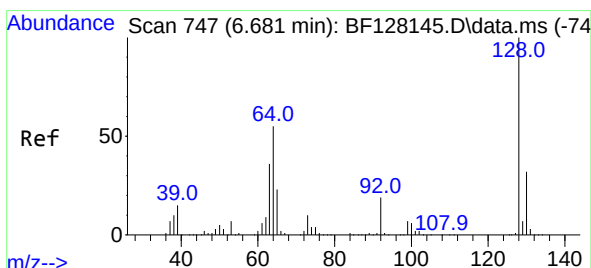
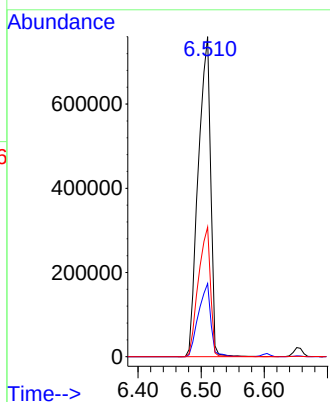
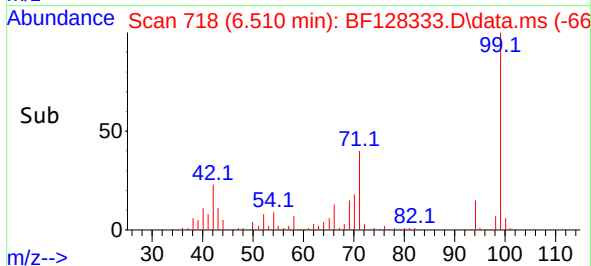
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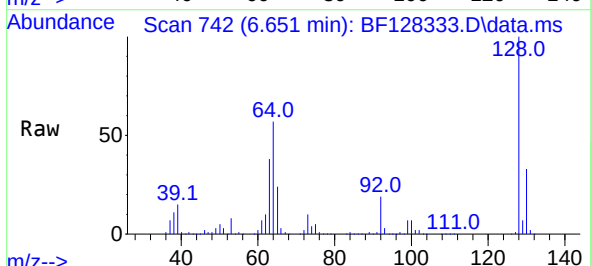
Tgt Ion: 99 Resp: 103041
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 40.5 30.0 45.0

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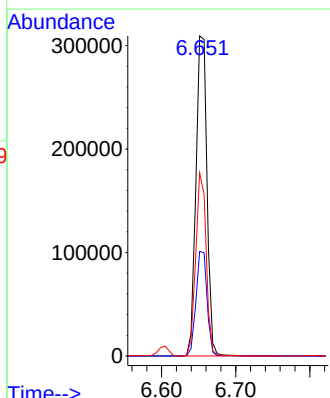
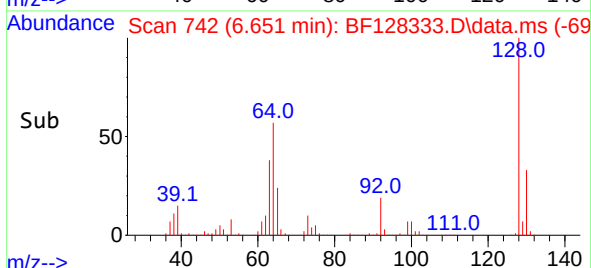
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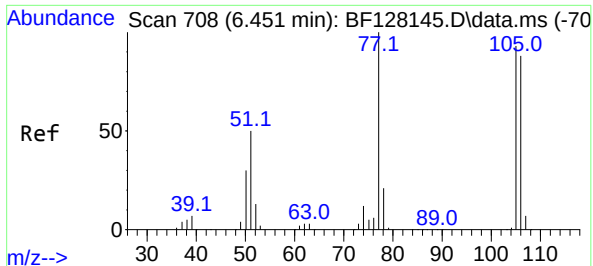


#8
2-Chlorophenol
Concen: 48.990 ng
RT: 6.651 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



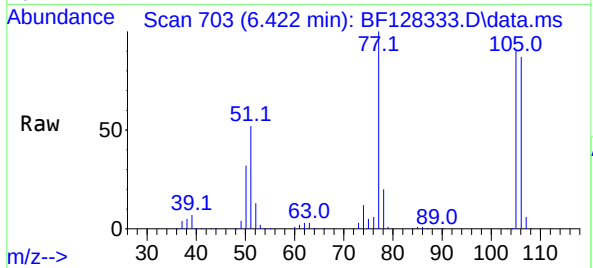
Tgt Ion:128 Resp: 319912
Ion Ratio Lower Upper
128 100
130 32.6 11.6 51.6
64 57.2 33.8 73.8





#9
Benzaldehyde
Concen: Below Cal
RT: 6.422 min Scan# 70
Delta R.T. -0.006 min
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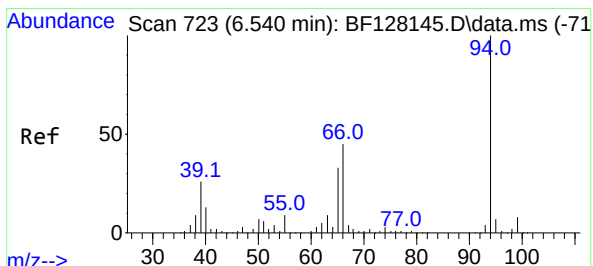
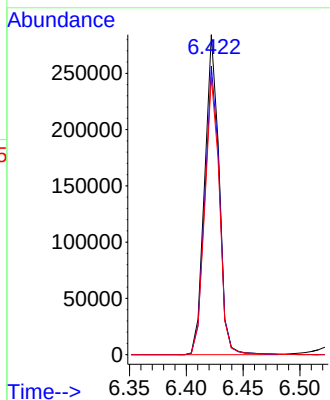
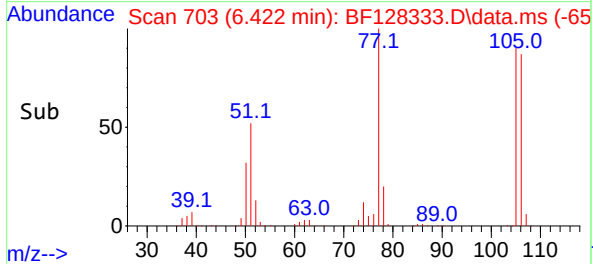
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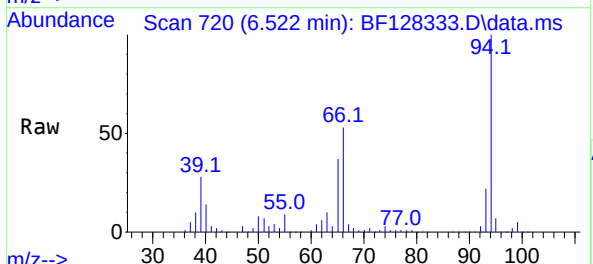
Tgt Ion: 77 Resp: 249650
Ion Ratio Lower Upper
77 100
105 90.2 74.9 114.9
106 86.9 72.2 112.2

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APPROVED

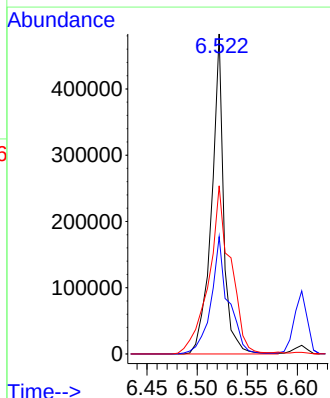
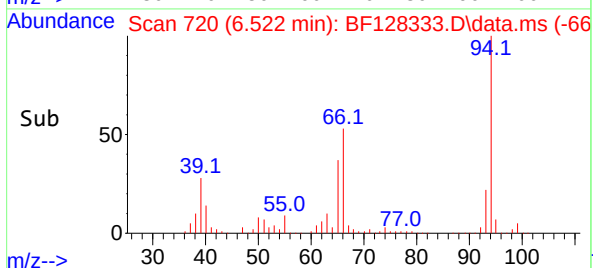
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

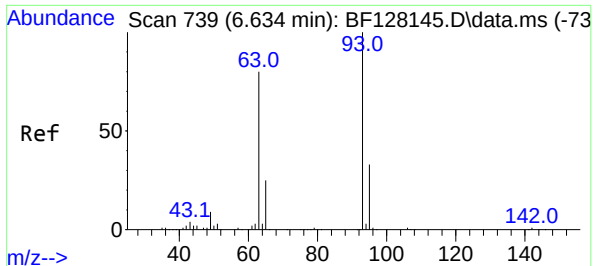


#10
Phenol
Concen: 45.236 ng
RT: 6.522 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion: 94 Resp: 404523
Ion Ratio Lower Upper
94 100
65 36.6 10.6 50.6
66 52.5 22.6 62.6





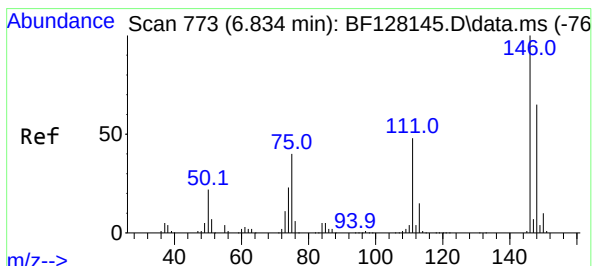
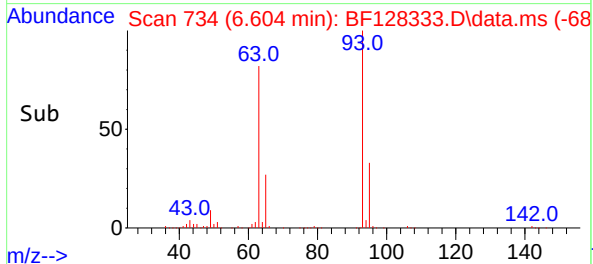
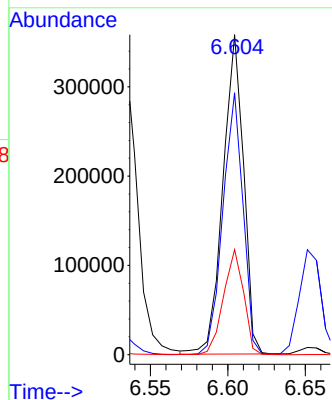
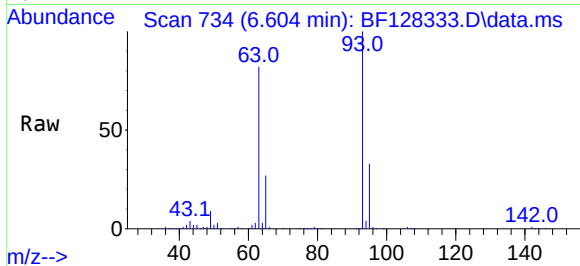
#11
bis(2-Chloroethyl)ether
Concen: 49.357 ng
RT: 6.604 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :
BNA_F
ClientSampleId :
PB144919BS

Tgt Ion: 93 Resp: 33055
Ion Ratio Lower Upper
93 100
63 81.9 58.6 98.6
95 32.9 12.9 52.9

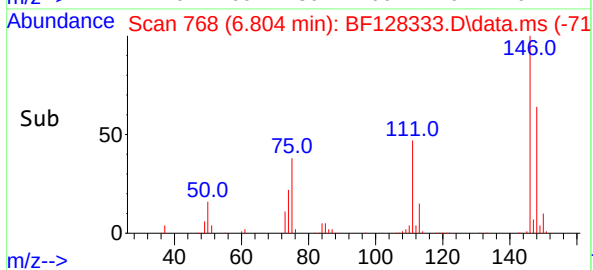
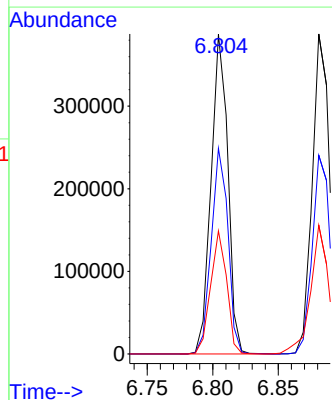
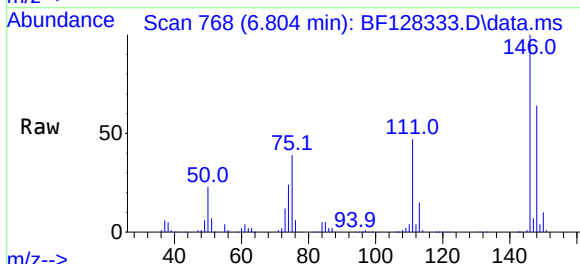
Manual Integrations
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Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

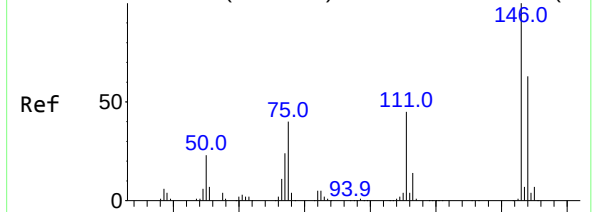


#12
1,3-Dichlorobenzene
Concen: 46.880 ng
RT: 6.804 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:146 Resp: 344569
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
75 38.5 26.2 39.4

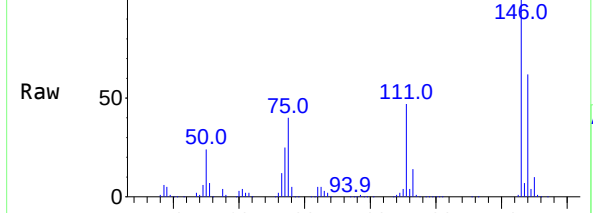


Abundance Scan 786 (6.910 min): BF128145.D\data.ms (-78



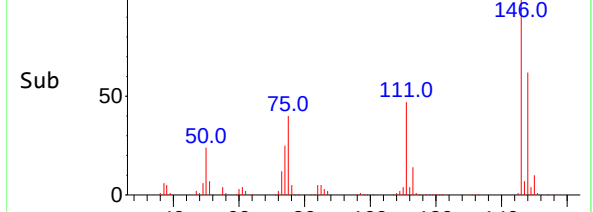
m/z-->

Abundance Scan 781 (6.881 min): BF128333.D\data.ms



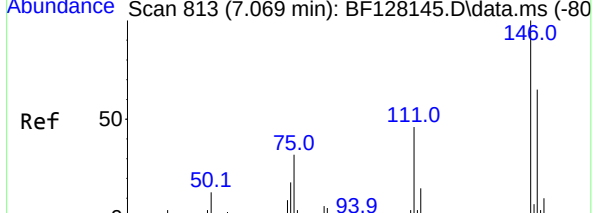
m/z-->

Abundance Scan 781 (6.881 min): BF128333.D\data.ms (-73



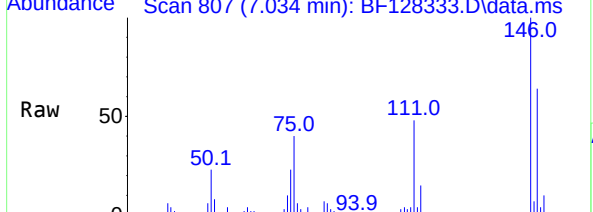
m/z-->

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



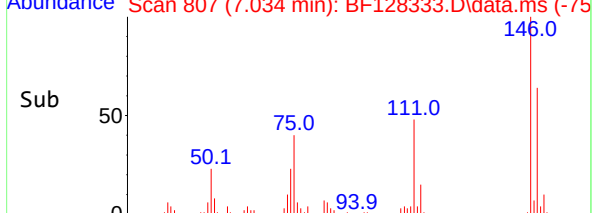
m/z-->

Abundance Scan 807 (7.034 min): BF128333.D\data.ms



m/z-->

Abundance Scan 807 (7.034 min): BF128333.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 47.006 ng

RT: 6.881 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Tgt Ion:146 Resp: 349100

Ion Ratio Lower Upper

146 100

148 62.1 52.3 78.5

111 46.6 33.9 50.9

Instrument :

BNA_F

ClientSampleId :

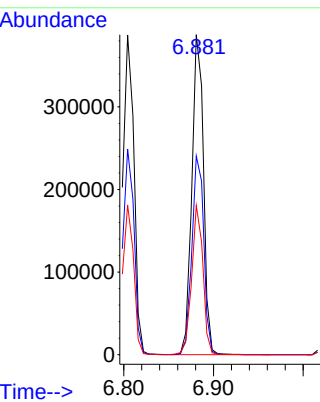
PB144919BS

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#14

1,2-Dichlorobenzene

Concen: 47.408 ng

RT: 7.034 min Scan# 807

Delta R.T. -0.012 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

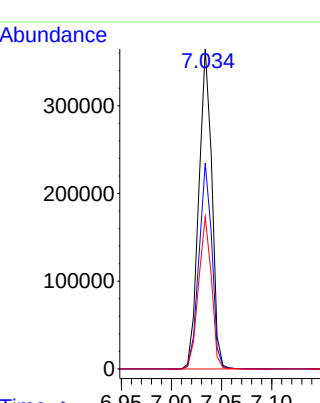
Tgt Ion:146 Resp: 331792

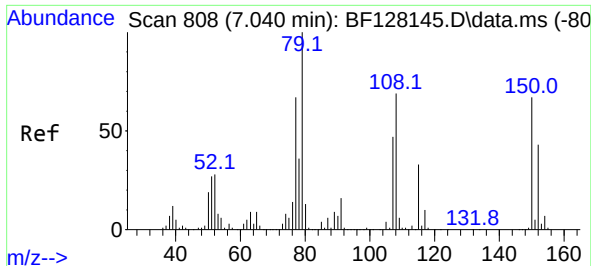
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

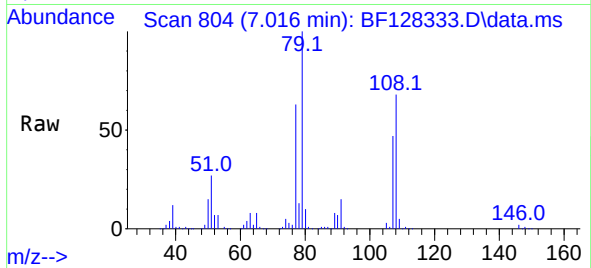
111 47.5 36.6 55.0





#15
Benzyl Alcohol
Concen: 48.114 ng
RT: 7.016 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

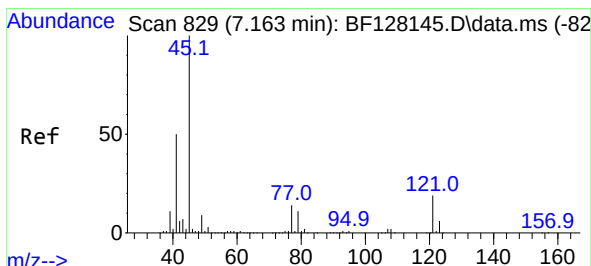
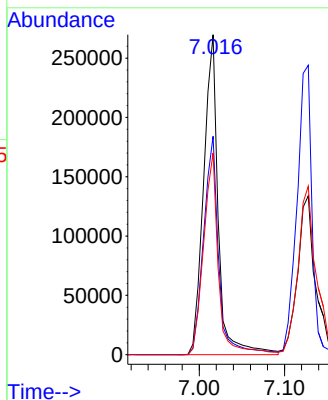
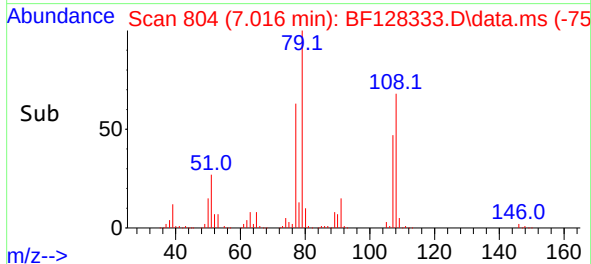
Instrument :
BNA_F
ClientSampleId :
PB144919BS



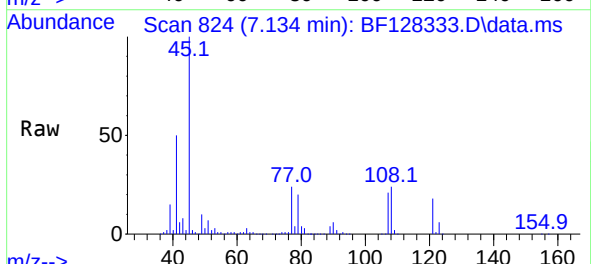
Tgt Ion: 79 Resp: 322430
Ion Ratio Lower Upper
79 100
108 68.2 57.0 85.6
77 63.0 50.2 75.4

Manual Integrations
APPROVED

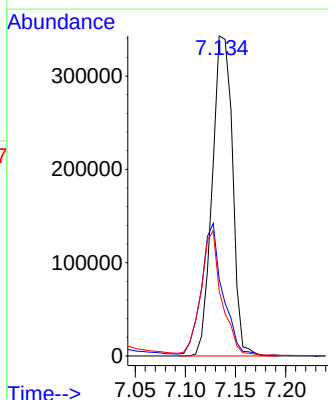
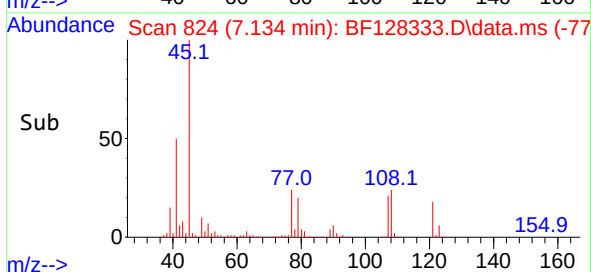
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

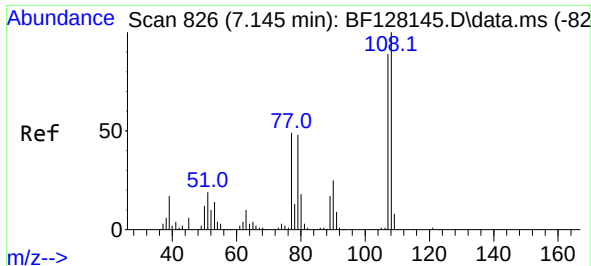


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.466 ng
RT: 7.134 min Scan# 824
Delta R.T. -0.012 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



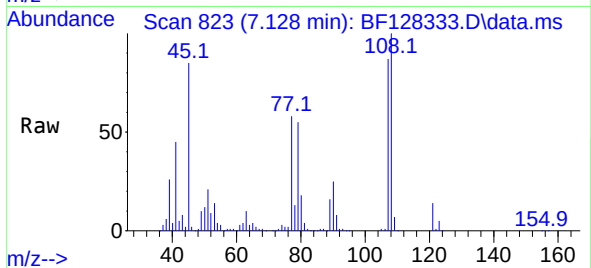
Tgt Ion: 45 Resp: 481329
Ion Ratio Lower Upper
45 100
77 24.0 0.0 34.9
79 20.3 0.0 31.6





#17
2-Methylphenol
Concen: 47.982 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

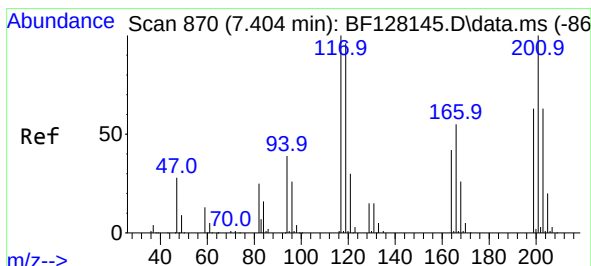
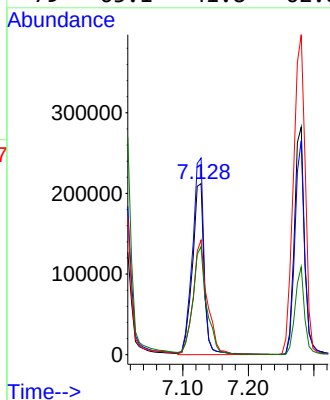
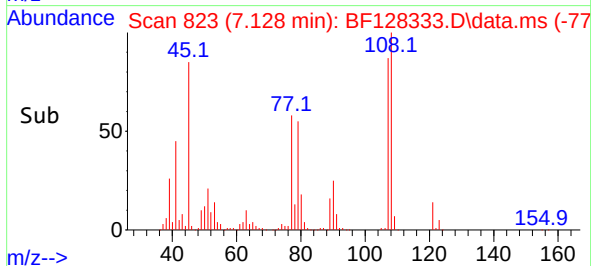
Instrument :
BNA_F
ClientSampleId :
PB144919BS



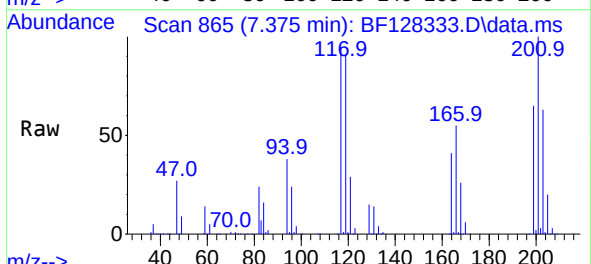
Tgt Ion:107 Resp: 265824
Ion Ratio Lower Upper
107 100
108 115.0 90.2 135.2
77 66.9 41.9 62.9
79 63.1 41.8 62.8#

Manual Integrations
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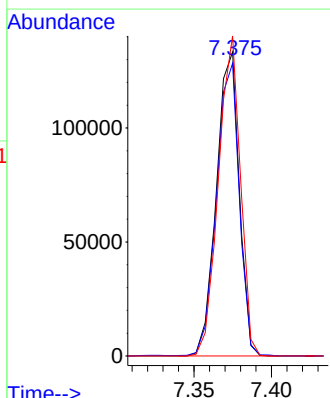
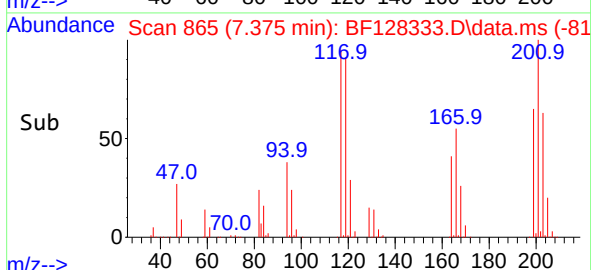
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

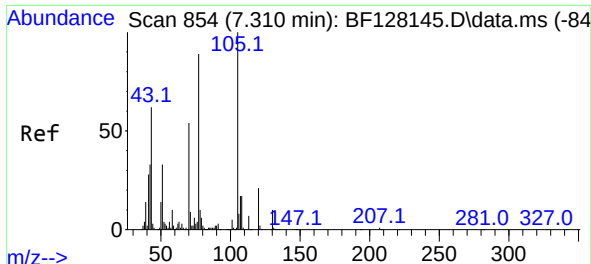


#18
Hexachloroethane
Concen: 48.690 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:117 Resp: 136616
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
201 105.3 84.4 126.6





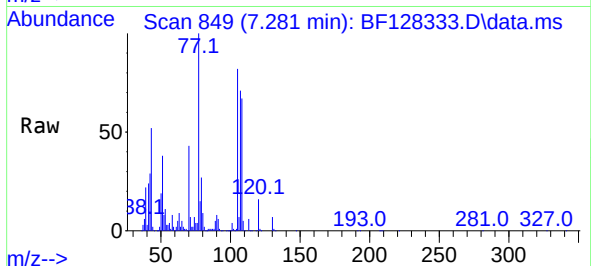
#19
n-Nitroso-di-n-propylamine
Concen: 47.315 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

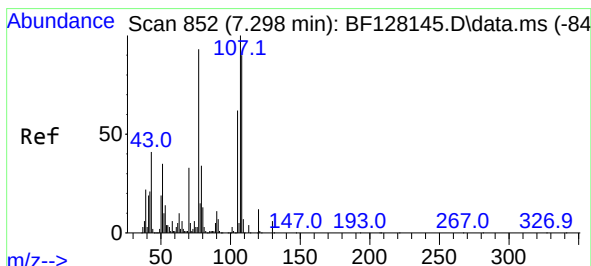
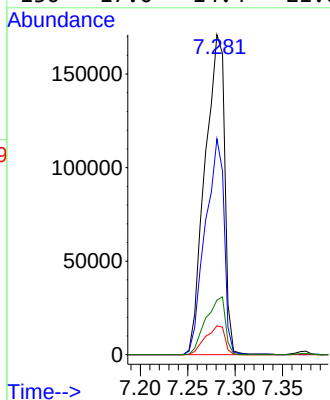
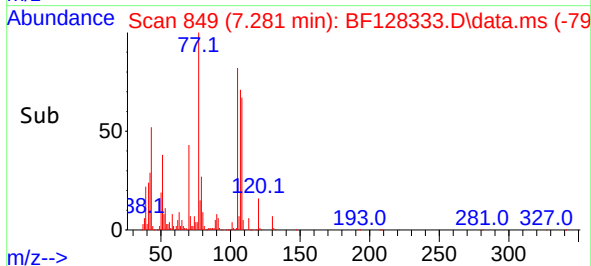


Tgt Ion: 70 Resp: 247085
Ion Ratio Lower Upper
70 100
42 67.5 48.7 73.1
101 9.0 7.2 10.8
130 17.0 14.4 21.6

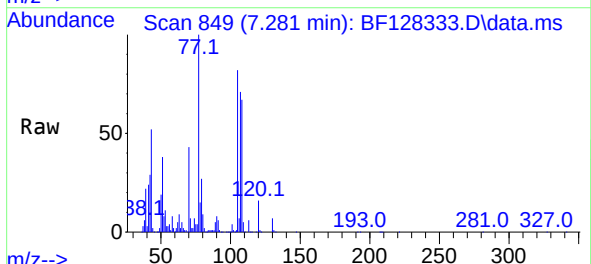
Manual Integrations

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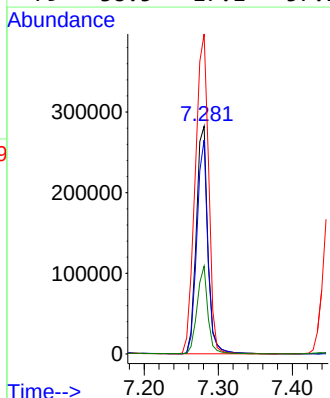
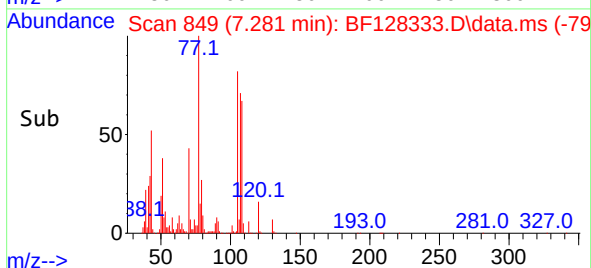
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

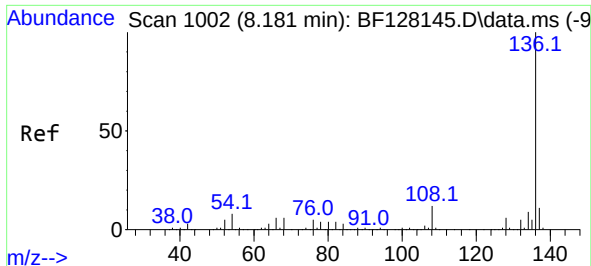


#20
3+4-Methylphenols
Concen: 44.598 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:107 Resp: 305923
Ion Ratio Lower Upper
107 100
108 93.9 73.4 113.4
77 140.5 71.1 111.1#
79 38.5 17.1 57.1





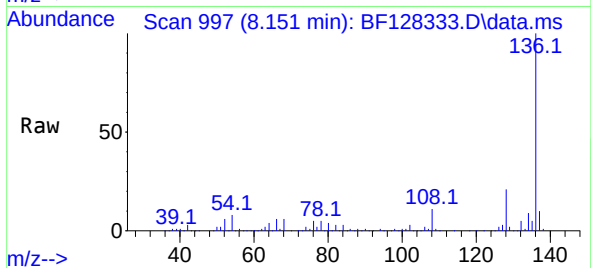
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

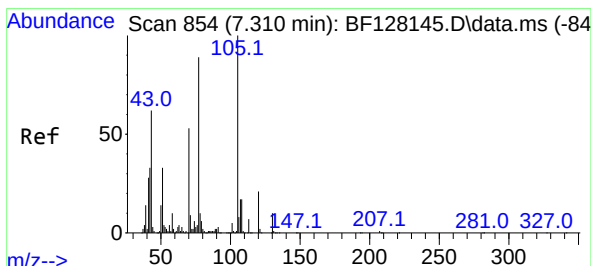
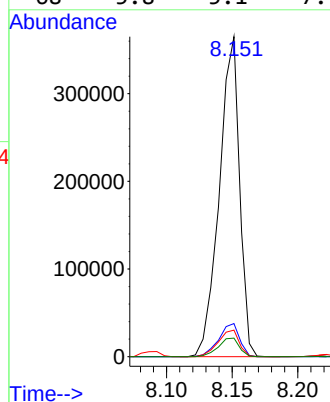


Tgt Ion:136 Resp: 391715
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.3 6.8 10.2
68 5.8 5.1 7.7

Manual Integrations

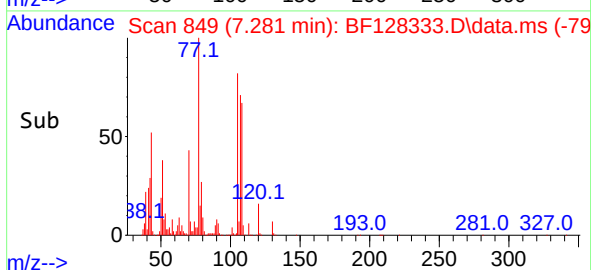
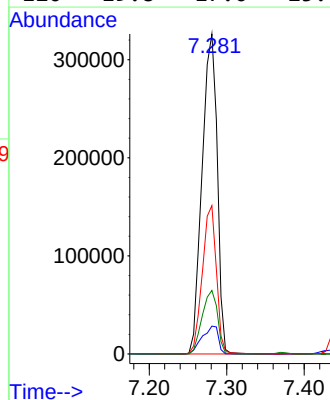
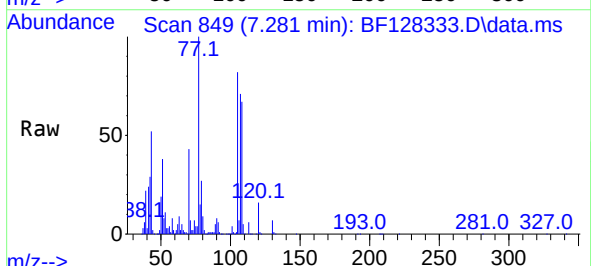
APPROVED

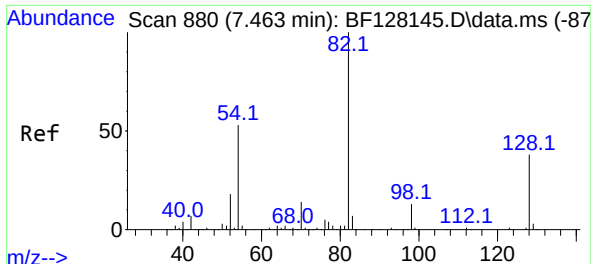
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#22
Acetophenone
Concen: 45.372 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:105 Resp: 442565
Ion Ratio Lower Upper
105 100
71 8.7 7.3 10.9
51 46.4 23.7 35.5#
120 19.8 17.0 25.6





#23
Nitrobenzene-d5
Concen: 86.718 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

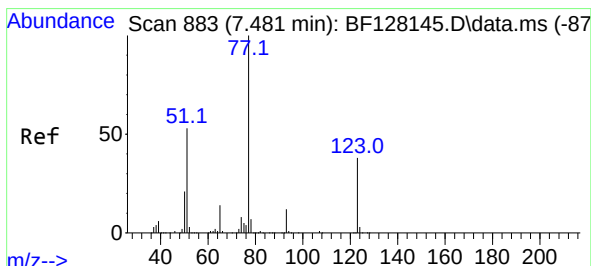
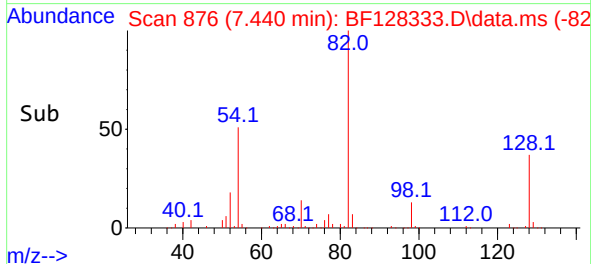
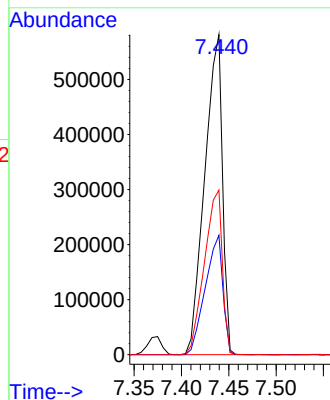
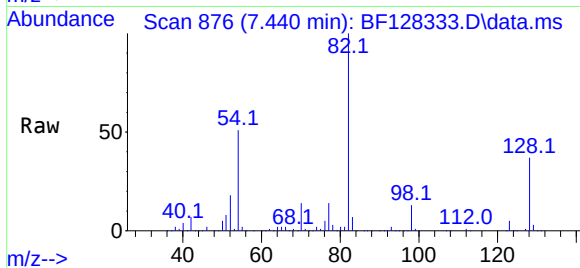
PB144919BS

Tgt Ion: 82 Resp: 75492
Ion Ratio Lower Upper
82 100
128 37.3 30.0 45.0
54 51.4 41.3 61.9

Manual Integrations

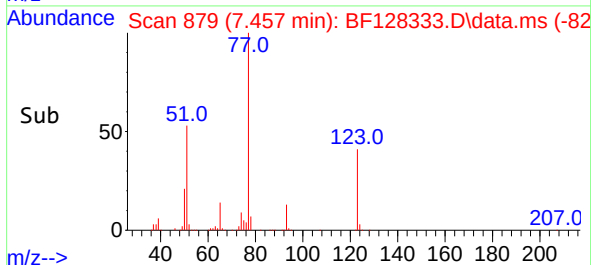
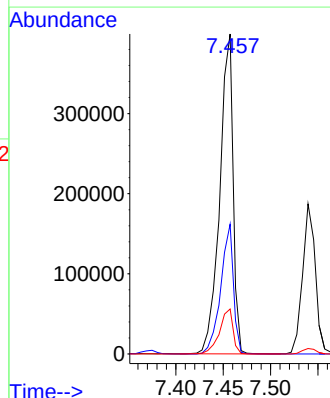
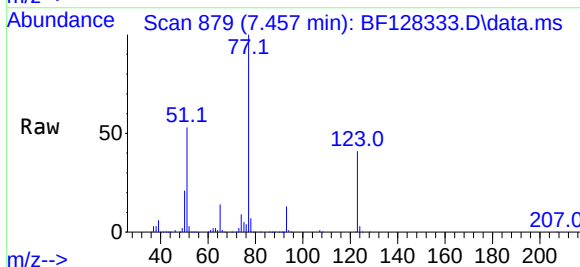
APPROVED

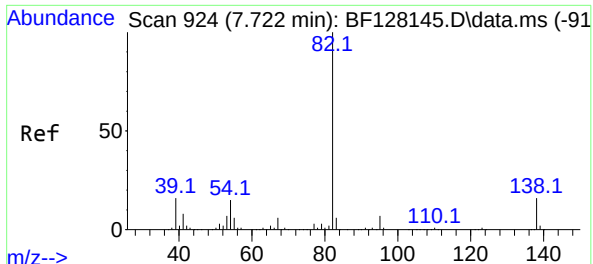
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#24
Nitrobenzene
Concen: 48.865 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion: 77 Resp: 392605
Ion Ratio Lower Upper
77 100
123 40.6 32.0 48.0
65 14.1 11.0 16.6





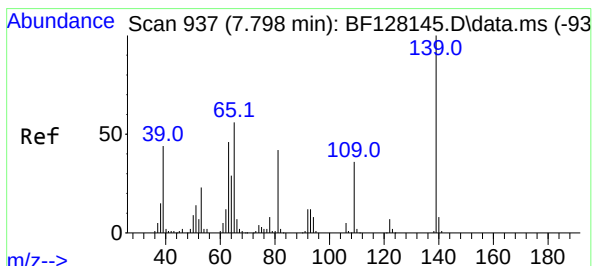
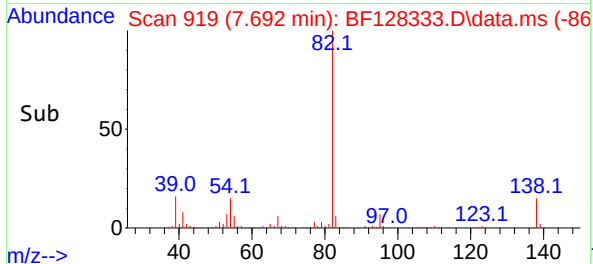
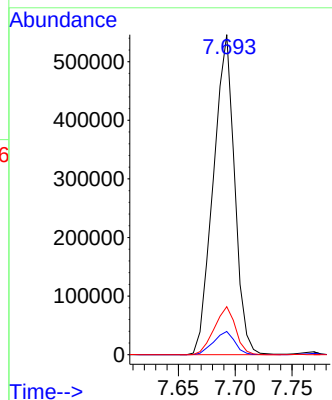
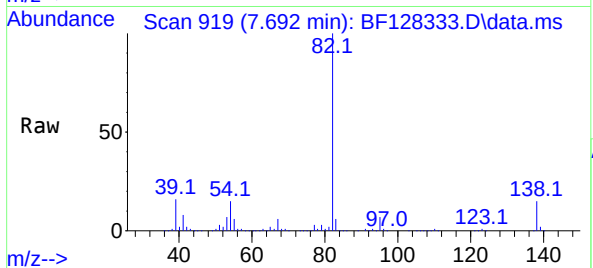
#25
Isophorone
Concen: 52.206 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :
BNA_F
ClientSampleId :
PB144919BS

Tgt Ion: 82 Resp: 712500
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 15.0 12.5 18.7

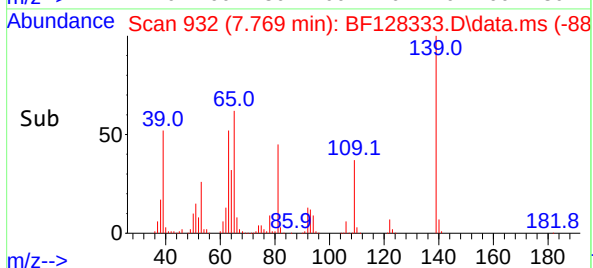
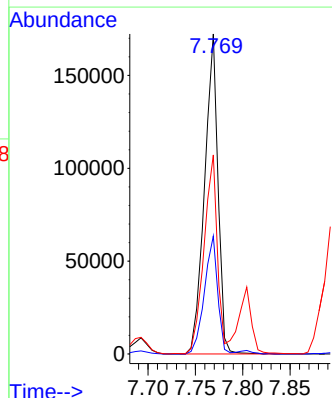
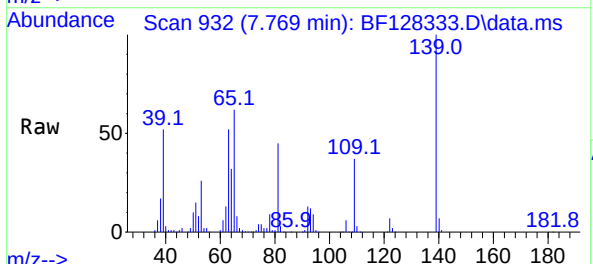
Manual Integrations
APPROVED

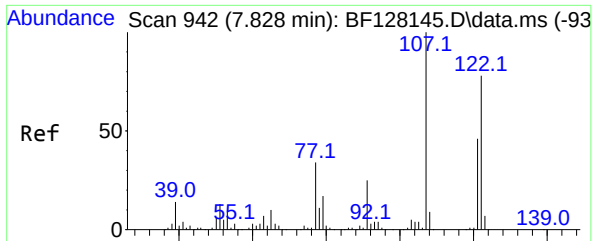
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#26
2-Nitrophenol
Concen: 48.327 ng
RT: 7.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:139 Resp: 170499
Ion Ratio Lower Upper
139 100
109 36.8 27.4 41.2
65 62.2 50.8 76.2





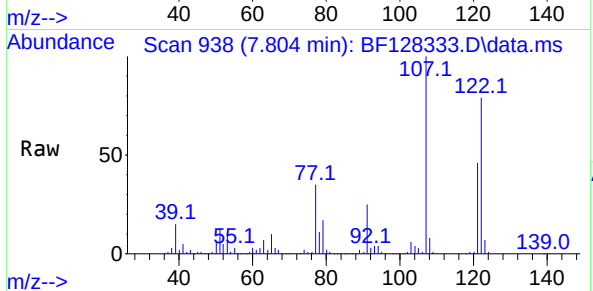
#27
2,4-Dimethylphenol
Concen: 54.437 ng
RT: 7.804 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

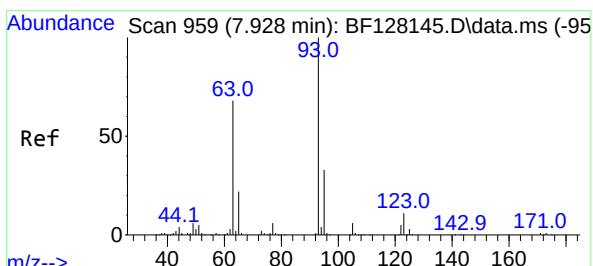
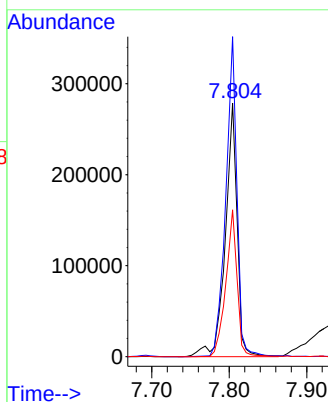
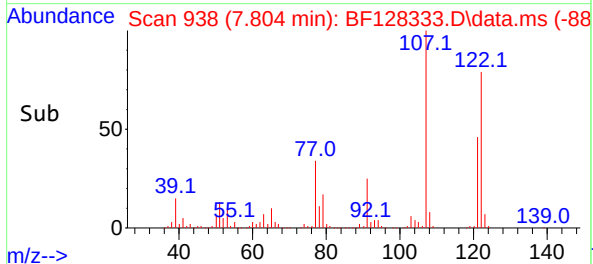


Tgt Ion:122 Resp: 296021
Ion Ratio Lower Upper
122 100
107 126.2 97.5 146.3
121 57.9 46.0 69.0

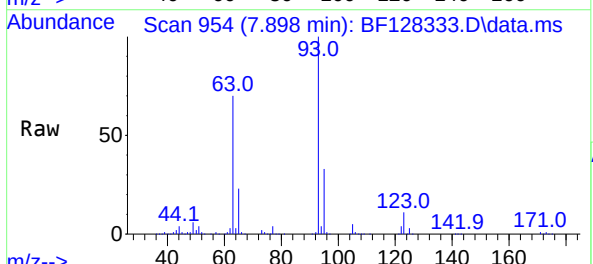
Manual Integrations

APPROVED

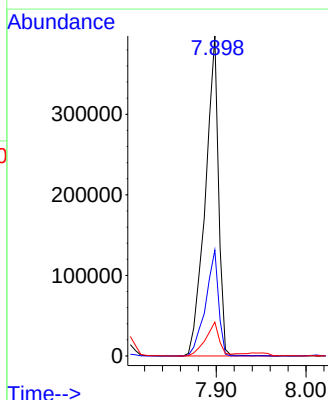
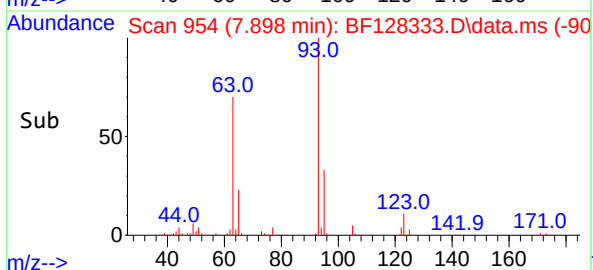
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

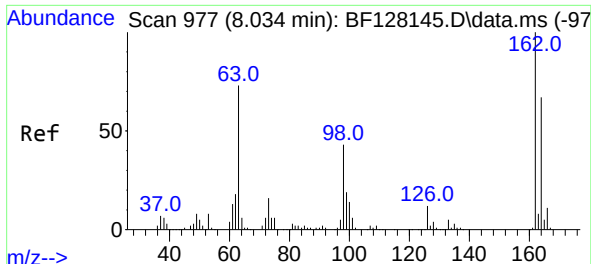


#28
bis(2-Chloroethoxy)methane
Concen: 47.047 ng
RT: 7.898 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion: 93 Resp: 405883
Ion Ratio Lower Upper
93 100
95 33.1 25.7 38.5
123 10.6 8.3 12.5





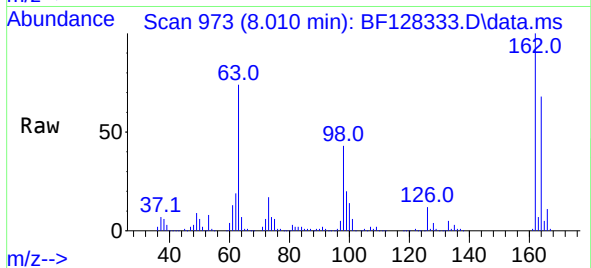
#29
2,4-Dichlorophenol
Concen: 46.436 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

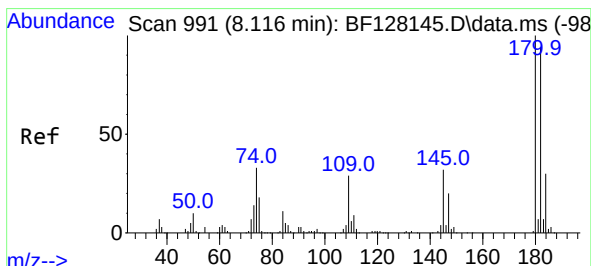
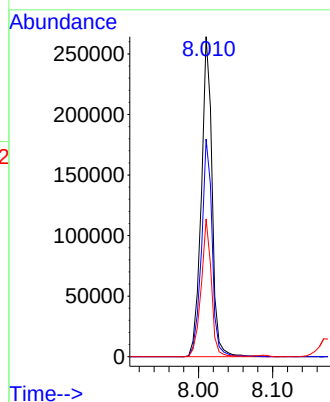
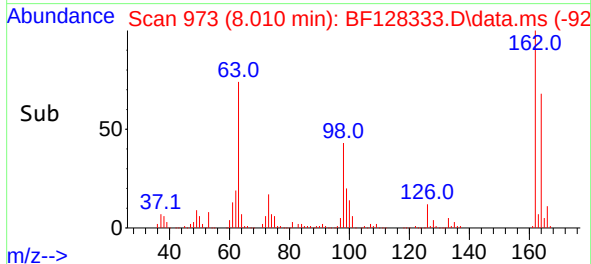


Tgt Ion:162 Resp: 26547
Ion Ratio Lower Upper
162 100
164 68.0 47.1 87.1
98 43.1 20.7 60.7

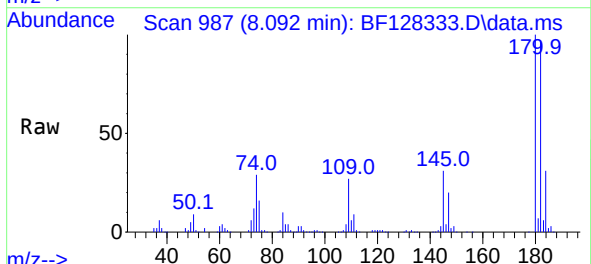
Manual Integrations

APPROVED

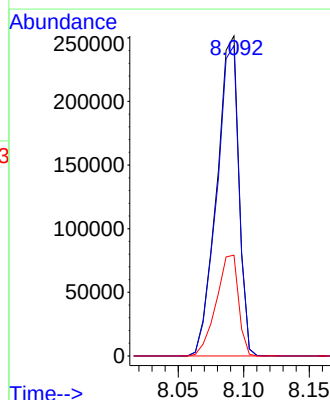
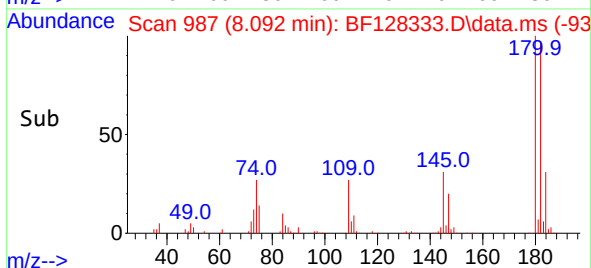
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

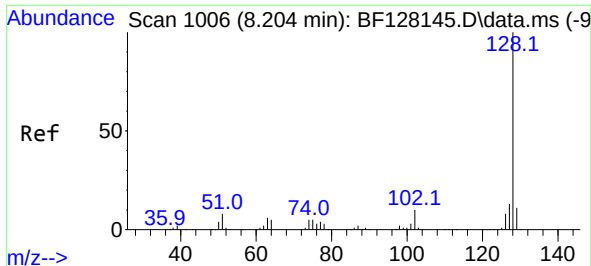


#30
1,2,4-Trichlorobenzene
Concen: 45.067 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:180 Resp: 295282
Ion Ratio Lower Upper
180 100
182 97.0 76.4 114.6
145 31.5 25.1 37.7





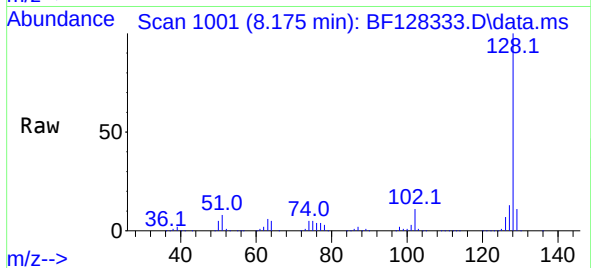
#31
Naphthalene
Concen: 46.058 ng
RT: 8.175 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

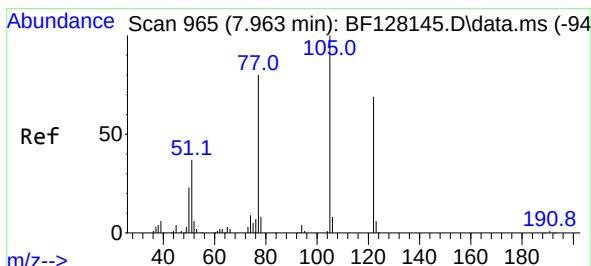
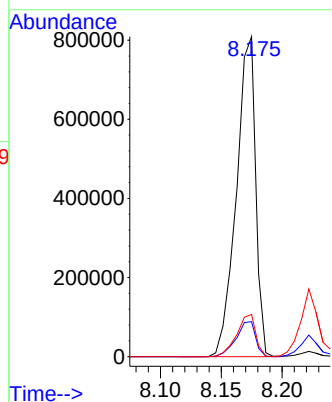
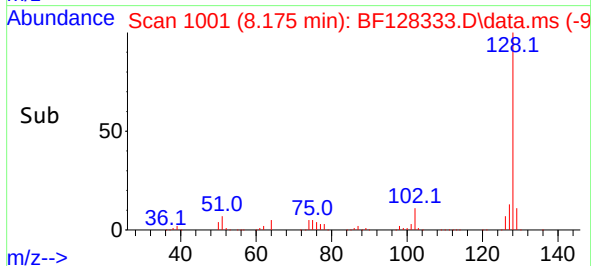


Tgt Ion:128 Resp: 891028
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.6 16.0

Manual Integrations

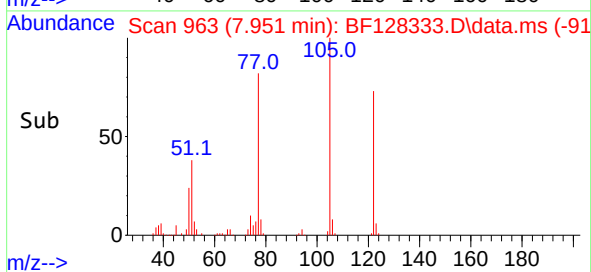
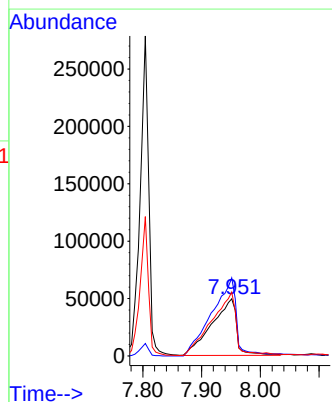
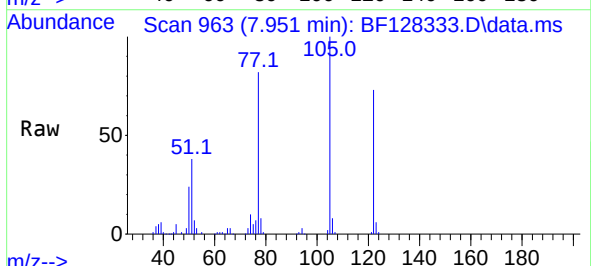
APPROVED

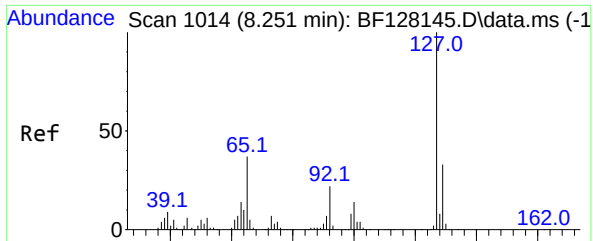
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#32
Benzoic acid
Concen: 35.923 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:122 Resp: 146087
Ion Ratio Lower Upper
122 100
105 136.7 107.9 147.9
77 111.8 82.5 122.5





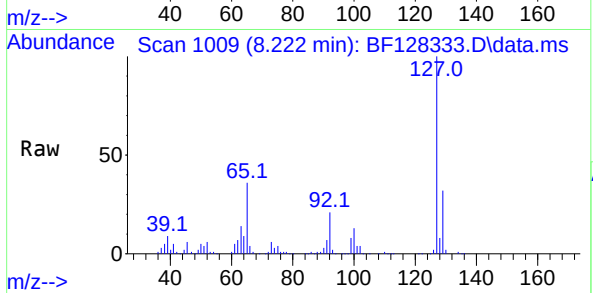
#33
4-Chloroaniline
Concen: 25.651 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

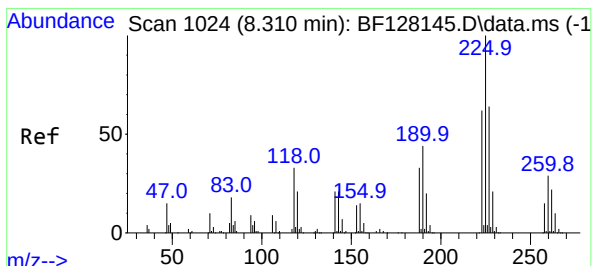
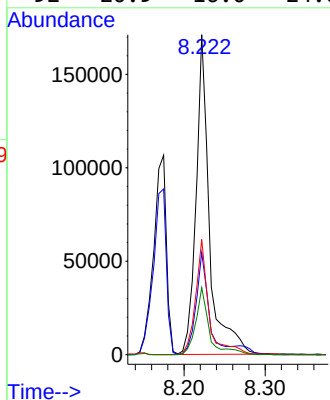
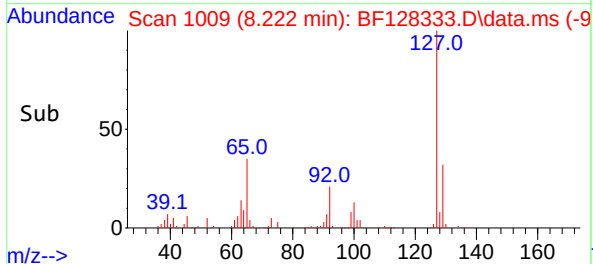


Tgt Ion:127 Resp: 19699
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.8
65 36.0 26.7 40.1
92 20.9 16.0 24.0

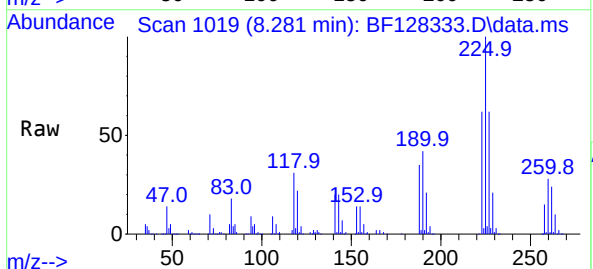
Manual Integrations

APPROVED

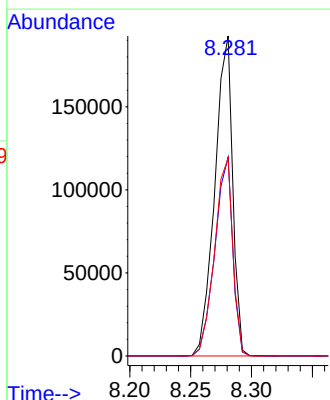
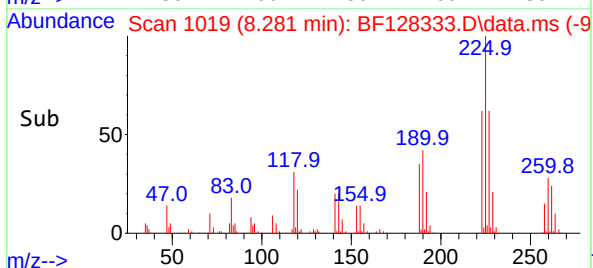
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

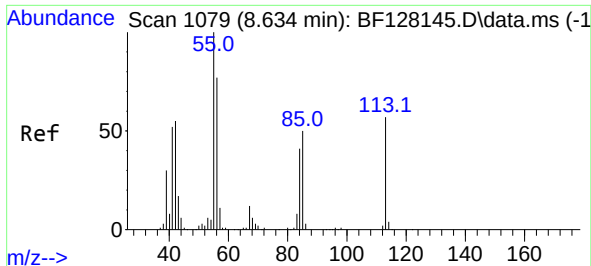


#34
Hexachlorobutadiene
Concen: 44.757 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



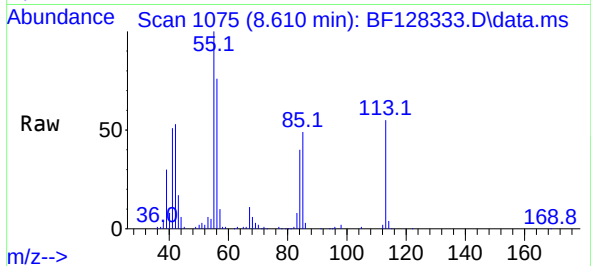
Tgt Ion:225 Resp: 196917
Ion Ratio Lower Upper
225 100
223 62.1 52.0 78.0
227 61.8 50.7 76.1





#35
Caprolactam
Concen: 45.407 ng m
RT: 8.610 min Scan# 1075
Delta R.T. -0.012 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

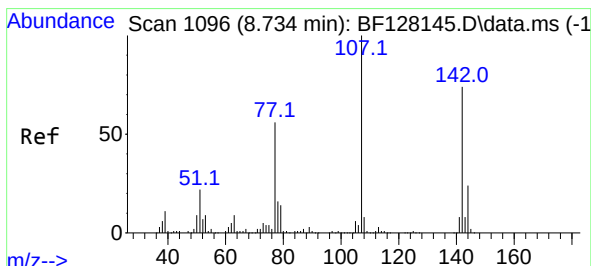
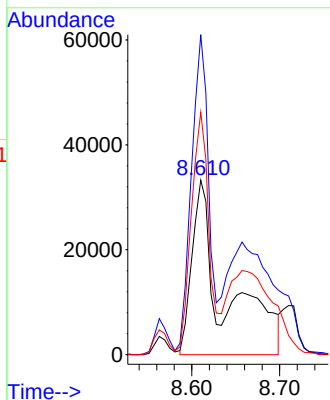
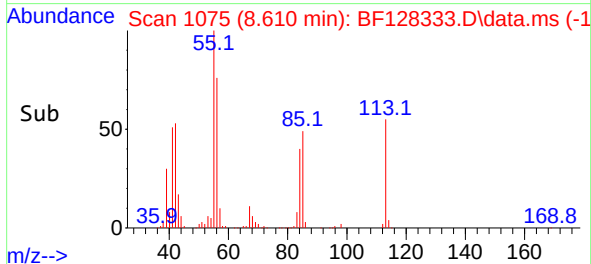
Instrument :
BNA_F
ClientSampleId :
PB144919BS



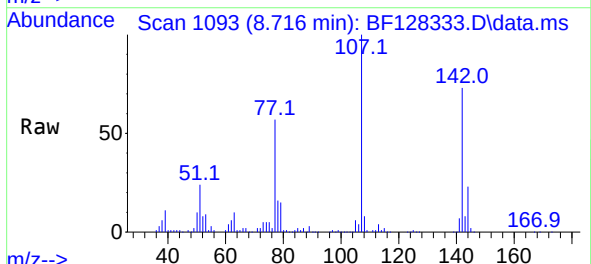
Tgt Ion:113 Resp: 84738
Ion Ratio Lower Upper
113 100
55 183.3 157.4 197.4
56 138.9 116.1 156.1

Manual Integrations
APPROVED

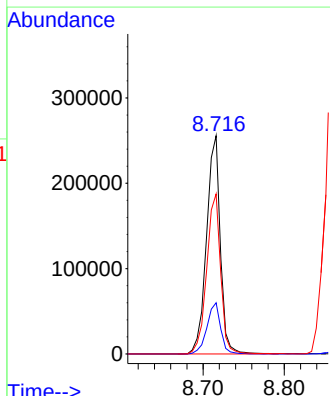
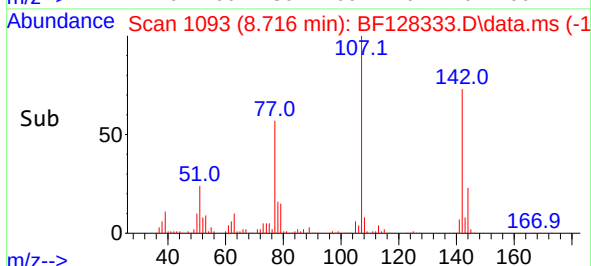
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

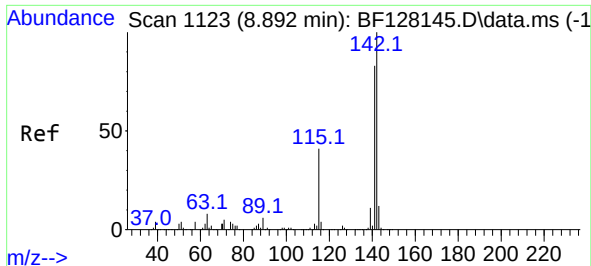


#36
4-Chloro-3-methylphenol
Concen: 47.109 ng
RT: 8.716 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:107 Resp: 300924
Ion Ratio Lower Upper
107 100
144 23.4 20.2 30.4
142 73.3 61.5 92.3





#37

2-Methylnaphthalene

Concen: 45.933 ng

RT: 8.863 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

Tgt Ion:142 Resp: 599090

Ion Ratio Lower Upper

142 100

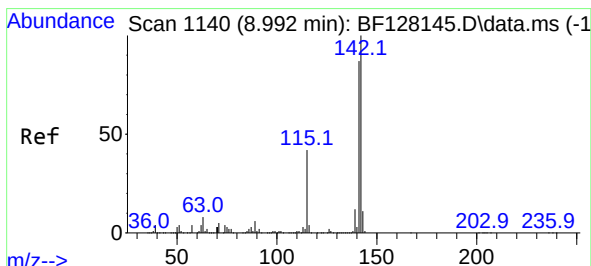
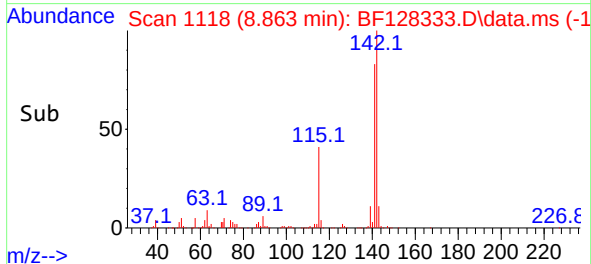
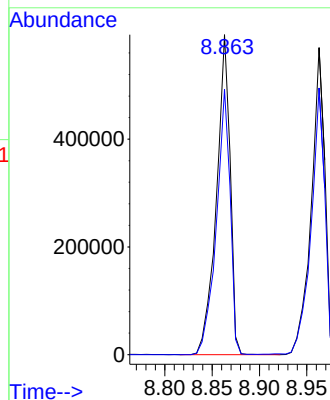
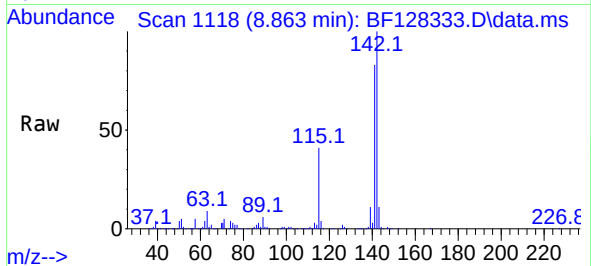
141 83.0 67.4 101.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#38

1-Methylnaphthalene

Concen: 45.214 ng

RT: 8.963 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF128333.D

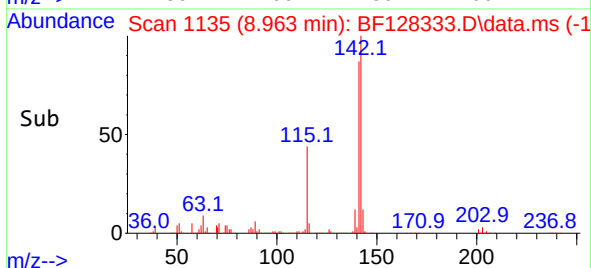
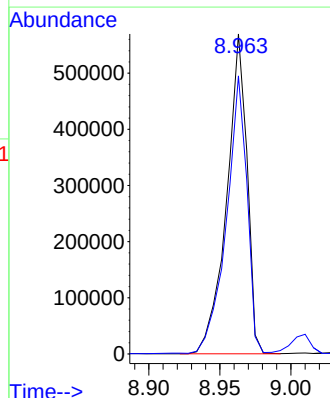
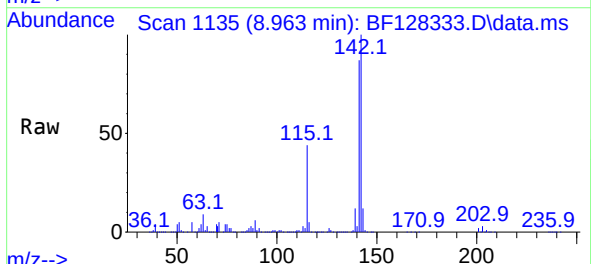
Acq: 19 May 2022 13:31

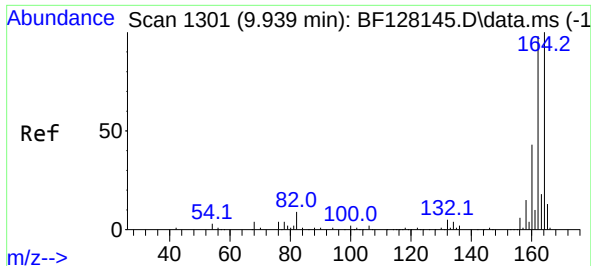
Tgt Ion:142 Resp: 566401

Ion Ratio Lower Upper

142 100

141 86.9 70.1 105.1





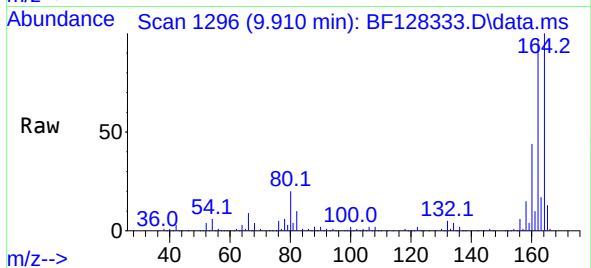
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

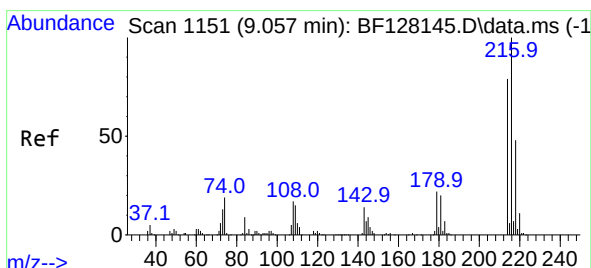
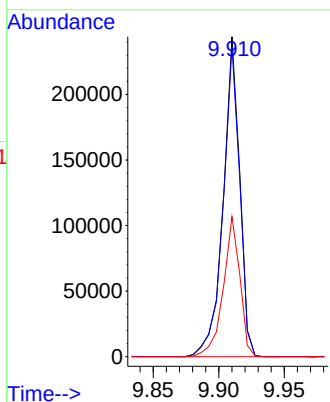
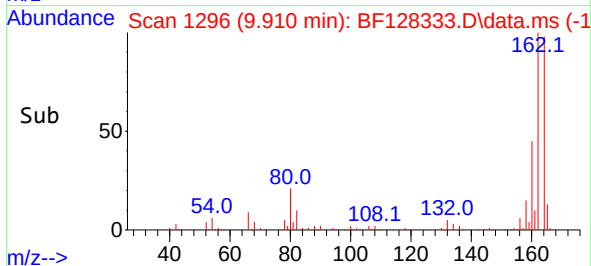


Tgt Ion:164 Resp: 213678
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 43.7 34.8 52.2

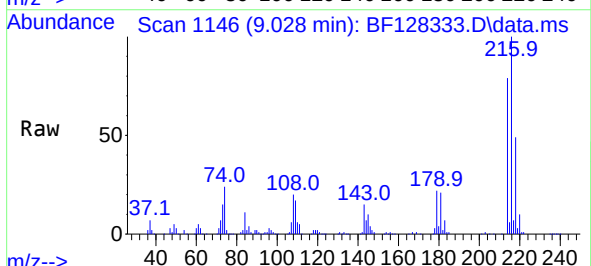
Manual Integrations

APPROVED

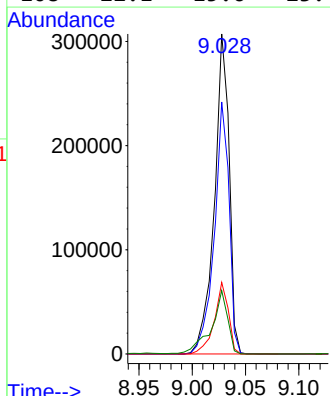
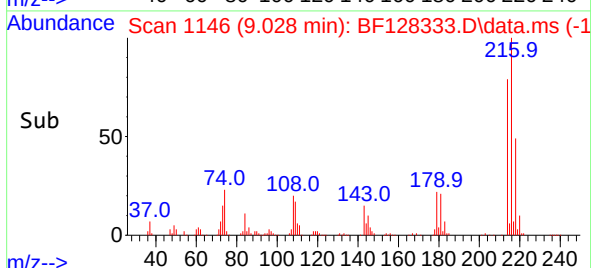
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

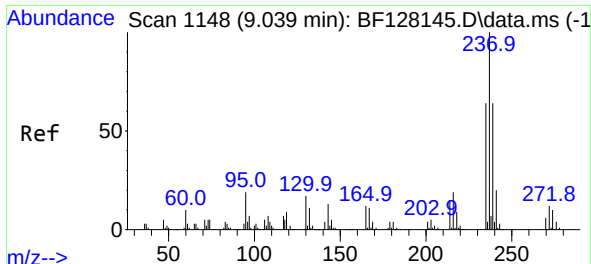


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.004 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:216 Resp: 296270
Ion Ratio Lower Upper
216 100
214 78.6 62.6 94.0
179 21.3 16.9 25.3
108 22.1 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 97.438 ng
RT: 9.010 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

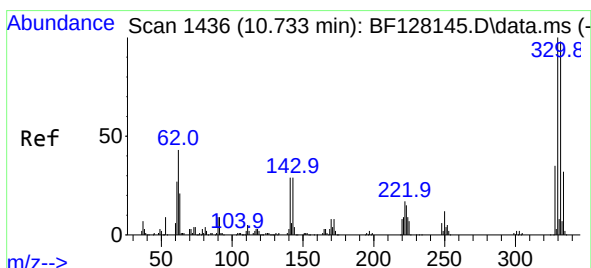
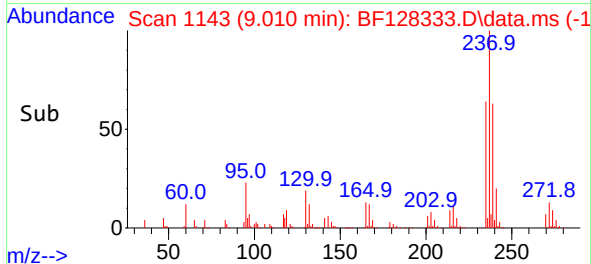
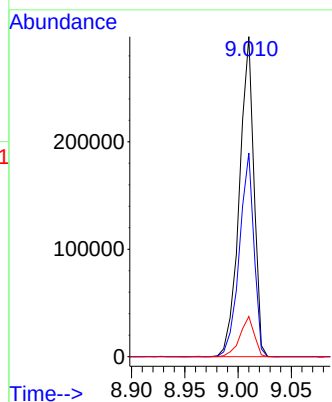
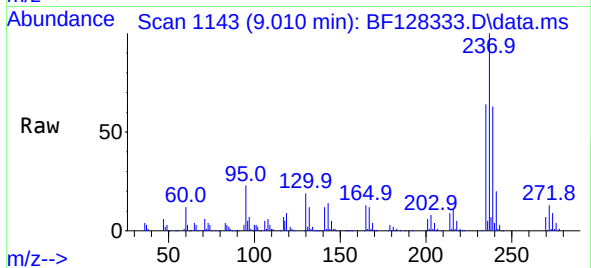
PB144919BS

Tgt Ion:237 Resp: 28413
Ion Ratio Lower Upper
237 100
235 63.7 43.6 83.6
272 12.6 0.0 32.1

Manual Integrations

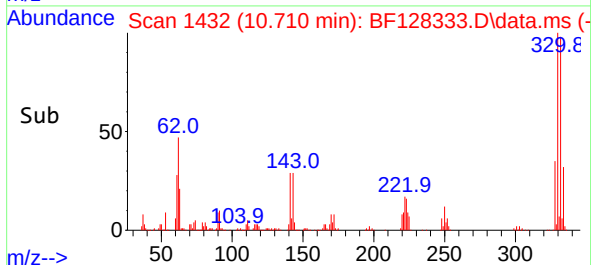
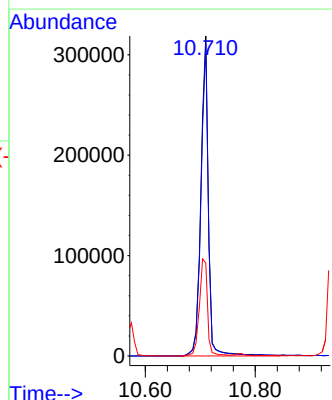
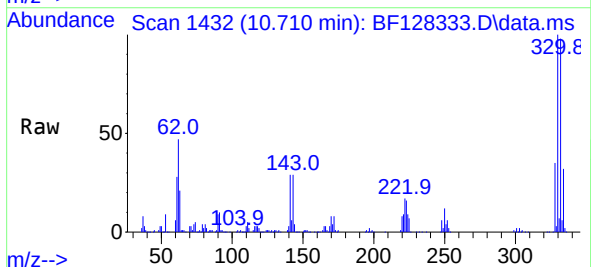
APPROVED

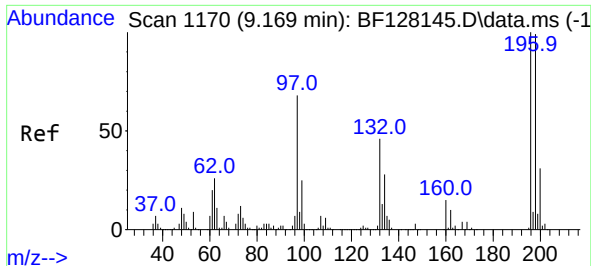
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#42
2,4,6-Tribromophenol
Concen: 123.761 ng
RT: 10.710 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:330 Resp: 303292
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 32.9 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 45.549 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

Tgt Ion:196 Resp: 18496

Ion Ratio Lower Upper

196 100

198 97.8 80.4 120.6

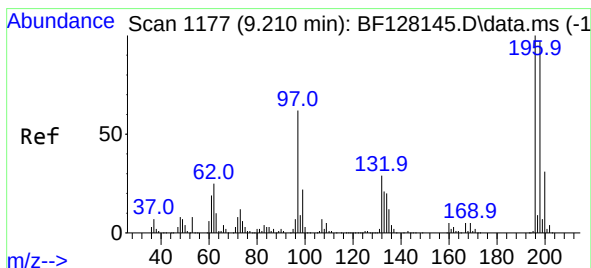
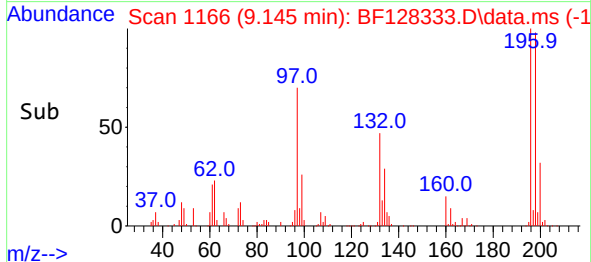
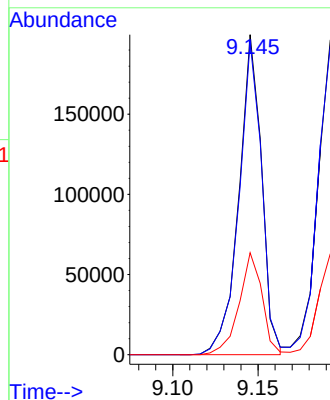
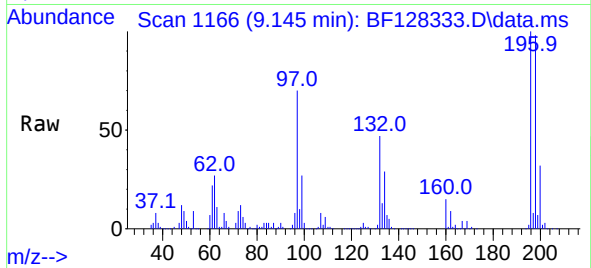
200 31.9 25.9 38.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#44

2,4,5-Trichlorophenol

Concen: 43.708 ng

RT: 9.192 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Tgt Ion:196 Resp: 189248

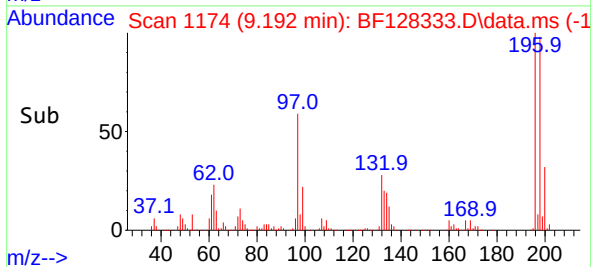
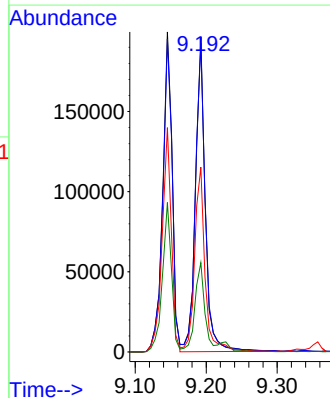
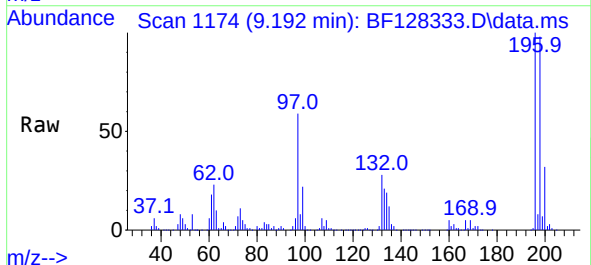
Ion Ratio Lower Upper

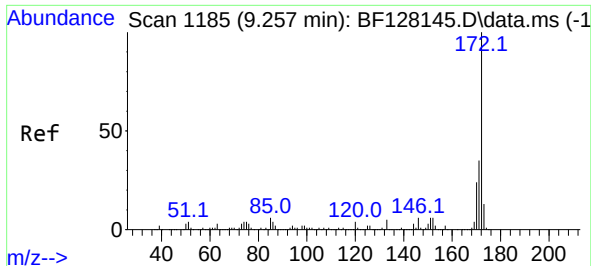
196 100

198 98.0 80.2 120.2

97 58.7 50.3 75.5

132 28.4 23.8 35.6





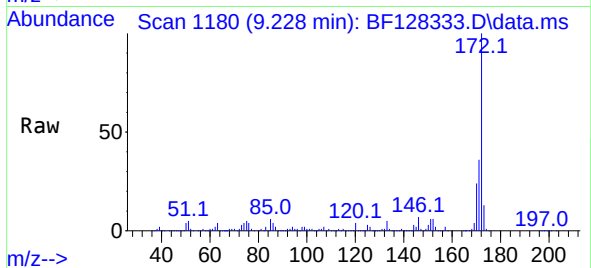
#45
2-Fluorobiphenyl
Concen: 82.085 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

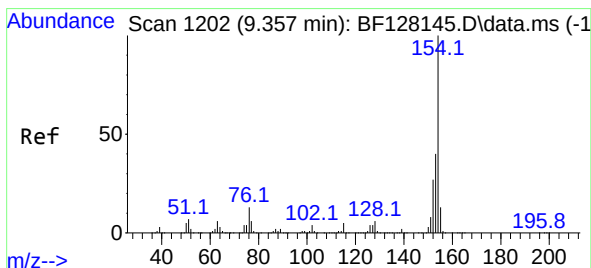
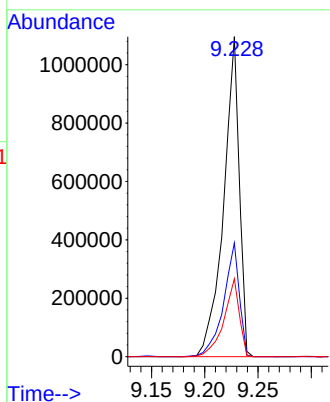
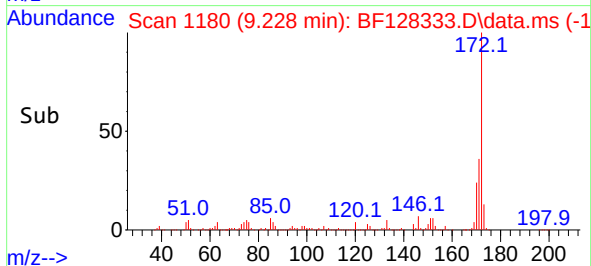


Tgt Ion:172 Resp: 1120970
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.3 19.1 28.7

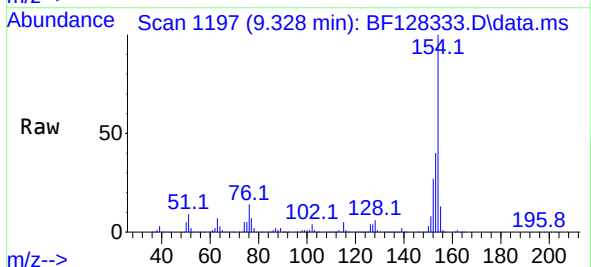
Manual Integrations

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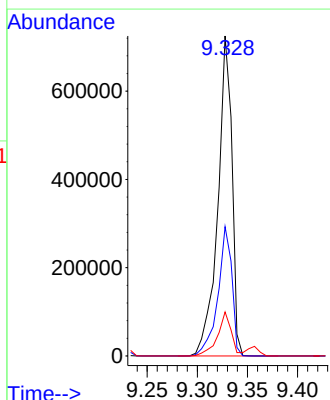
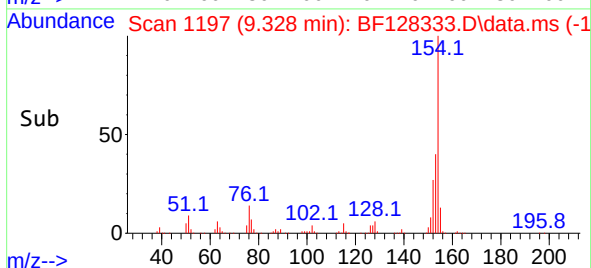
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

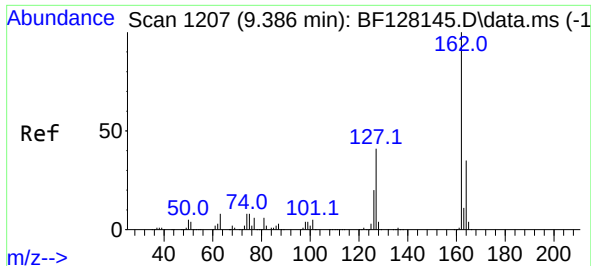


#46
1,1'-Biphenyl
Concen: 45.561 ng
RT: 9.328 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:154 Resp: 708739
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 13.7 0.0 33.2





#47

2-Chloronaphthalene

Concen: 45.364 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

Tgt Ion:162 Resp: 52303

Ion Ratio Lower Upper

162 100

127 44.2 32.9 49.3

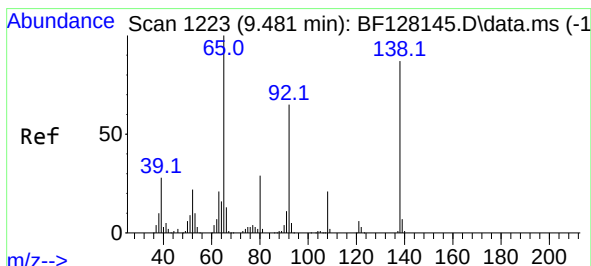
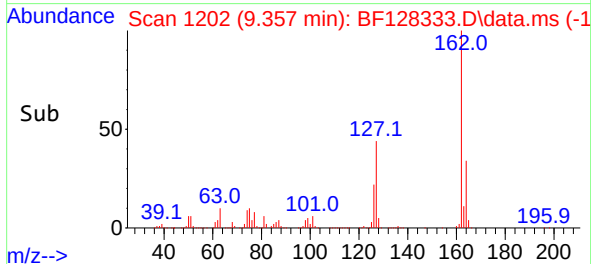
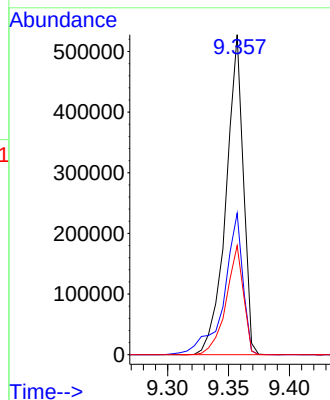
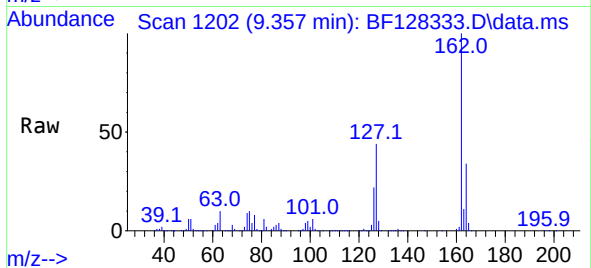
164 34.1 28.2 42.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#48

2-Nitroaniline

Concen: 48.478 ng

RT: 9.463 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

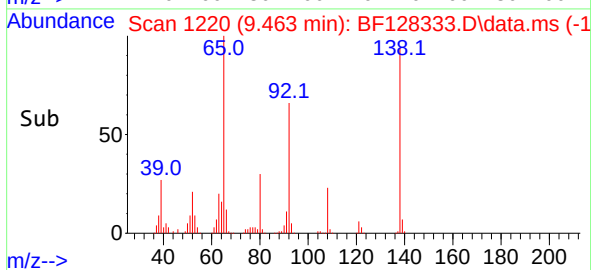
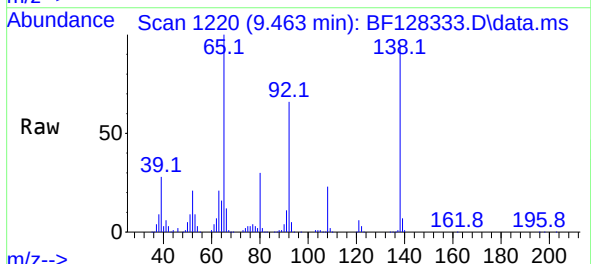
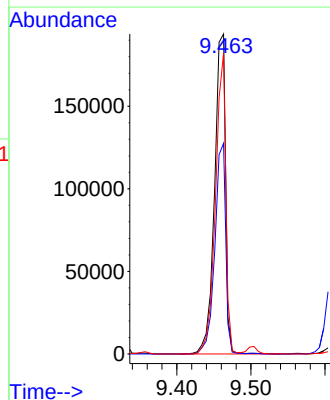
Tgt Ion: 65 Resp: 200391

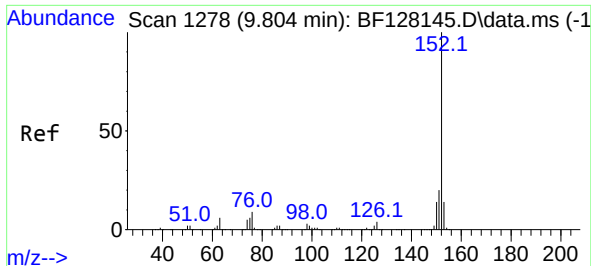
Ion Ratio Lower Upper

65 100

92 65.8 53.7 80.5

138 94.0 76.4 114.6





#49

Acenaphthylene

Concen: 50.047 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

Tgt Ion:152 Resp: 87276

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

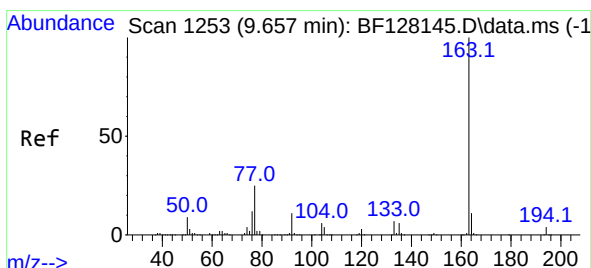
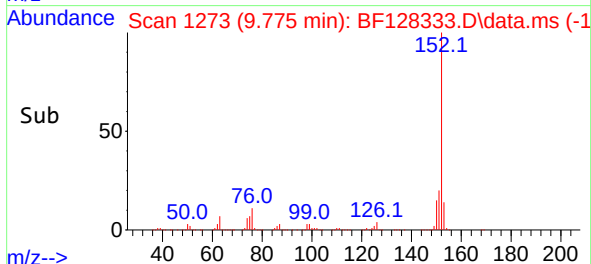
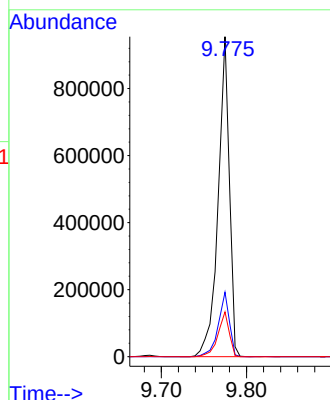
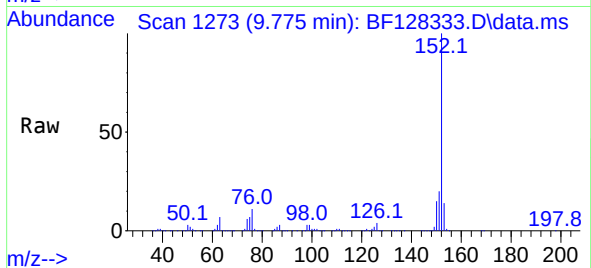
153 14.0 11.2 16.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#50

Dimethylphthalate

Concen: 46.237 ng

RT: 9.634 min Scan# 1249

Delta R.T. -0.006 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

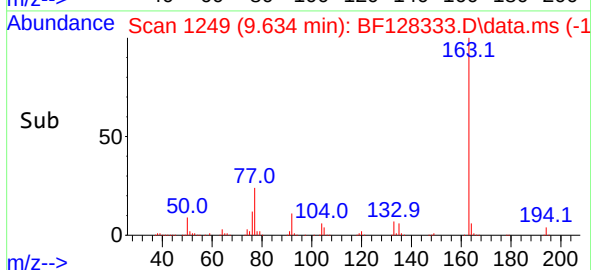
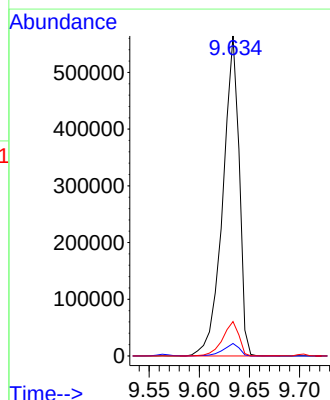
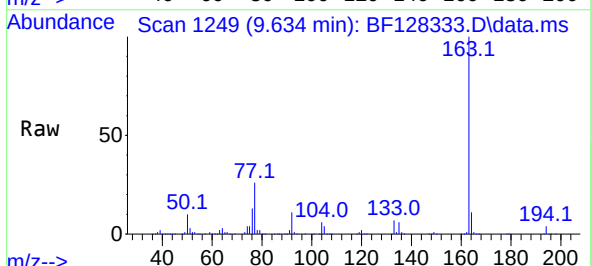
Tgt Ion:163 Resp: 637564

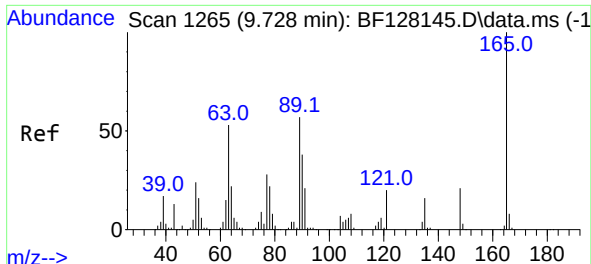
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.7 8.6 13.0





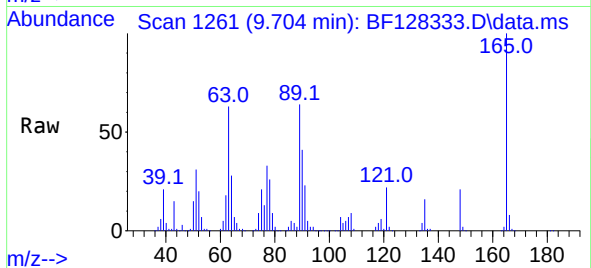
#51
2,6-Dinitrotoluene
Concen: 47.393 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

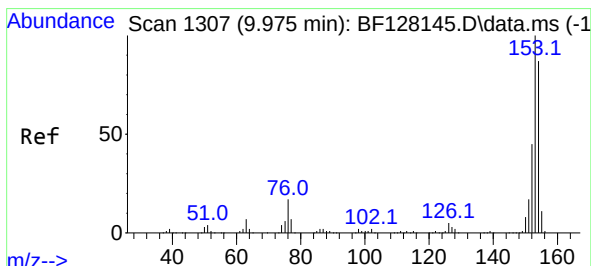
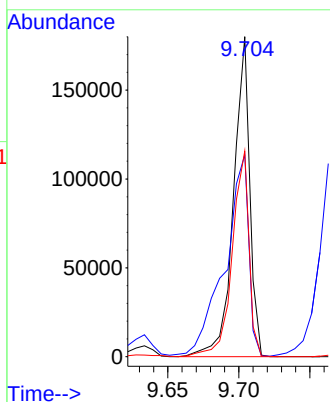
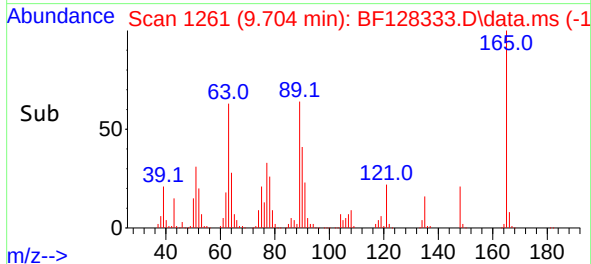


Tgt Ion:165 Resp: 143358
Ion Ratio Lower Upper
165 100
63 63.1 49.5 74.3
89 64.2 49.0 73.4

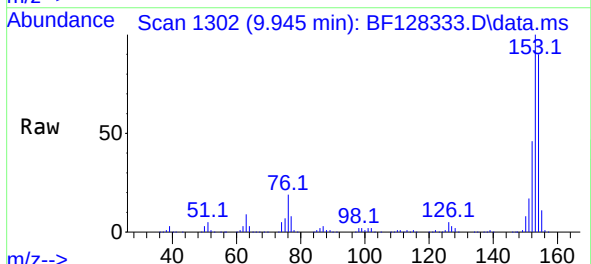
Manual Integrations

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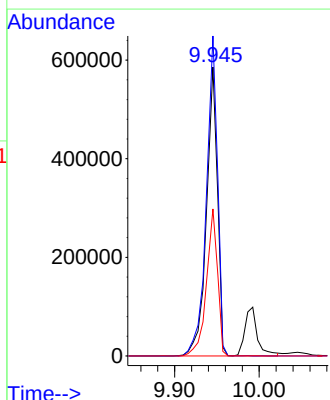
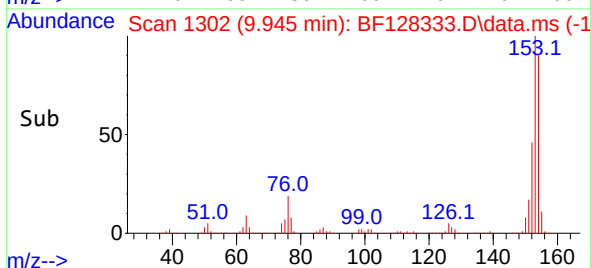
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

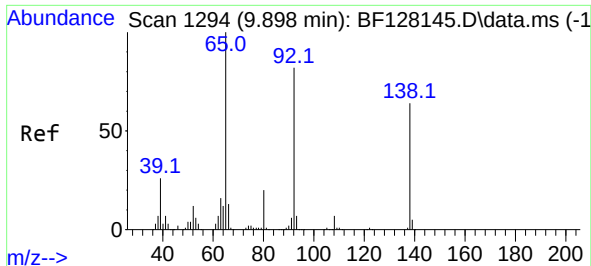


#52
Acenaphthene
Concen: 52.520 ng m
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



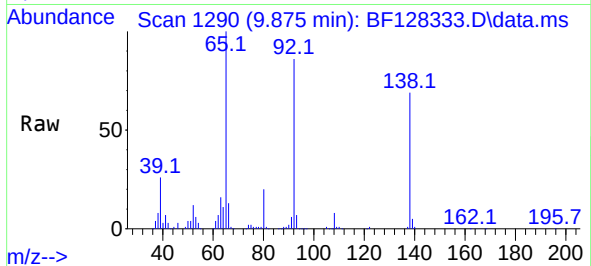
Tgt Ion:154 Resp: 635031
Ion Ratio Lower Upper
154 100
153 110.8 90.5 135.7
152 50.9 41.0 61.6





#53
3-Nitroaniline
Concen: 26.851 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

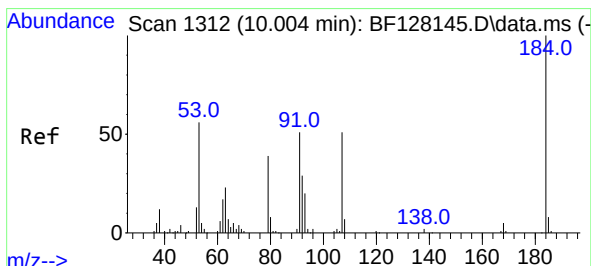
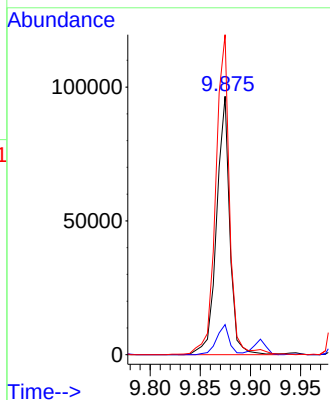
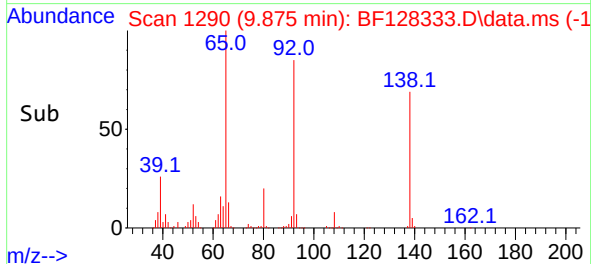
Instrument :
BNA_F
ClientSampleId :
PB144919BS



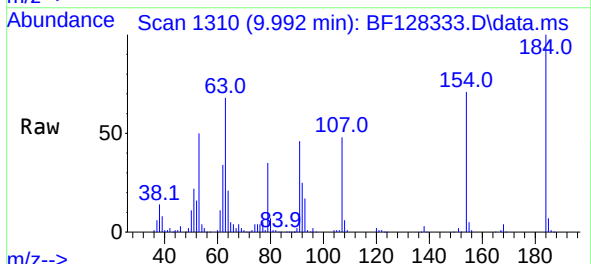
Tgt Ion:138 Resp: 88052
Ion Ratio Lower Upper
138 100
108 11.7 8.2 12.4
92 123.8 102.7 154.1

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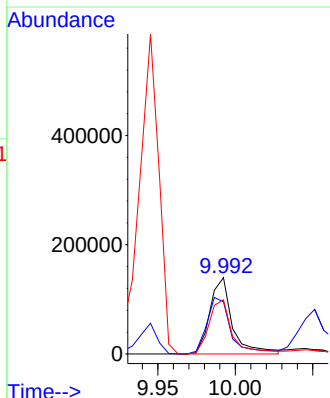
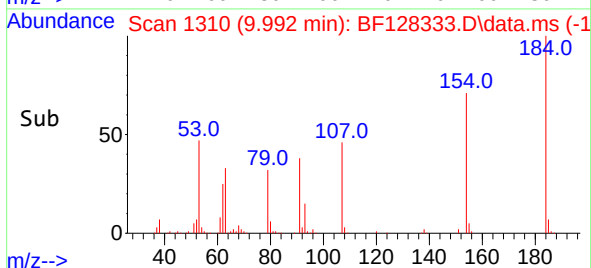
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

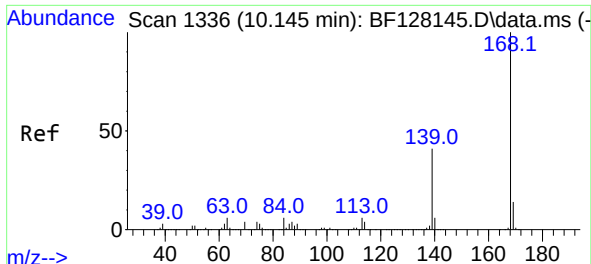


#54
2,4-Dinitrophenol
Concen: 84.418 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



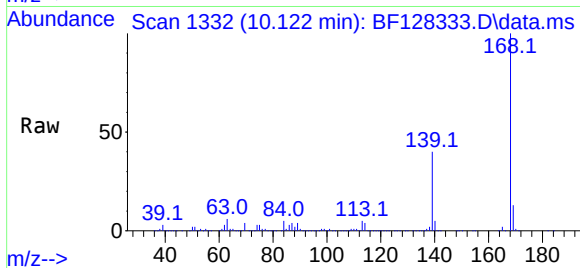
Tgt Ion:184 Resp: 141262
Ion Ratio Lower Upper
184 100
63 68.3 50.0 75.0
154 70.8 51.7 77.5





#55
Dibenzenofuran
Concen: 43.966 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

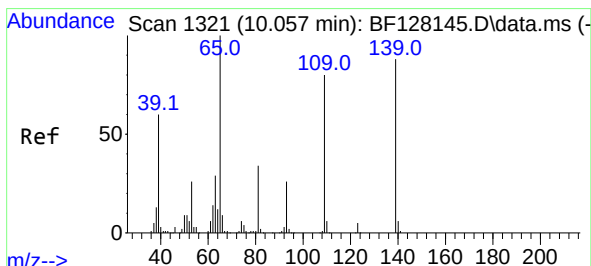
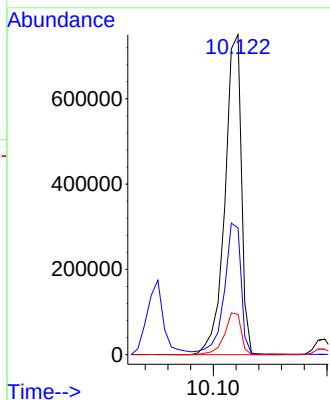
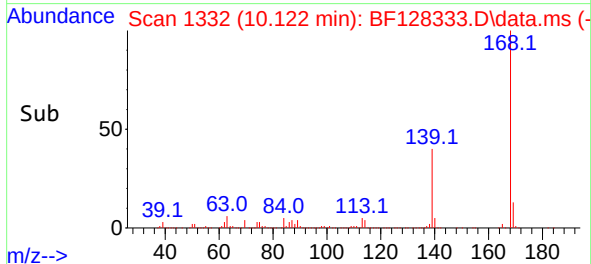
Instrument :
BNA_F
ClientSampleId :
PB144919BS



Tgt Ion:168 Resp: 754789
Ion Ratio Lower Upper
168 100
139 39.6 31.7 47.5
169 12.6 10.9 16.3

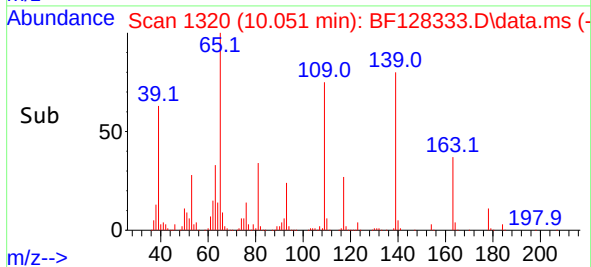
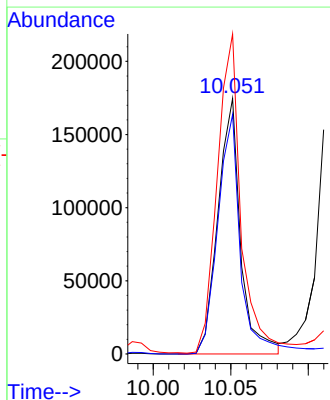
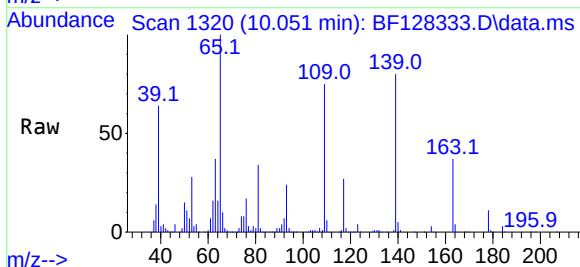
Manual Integrations
APPROVED

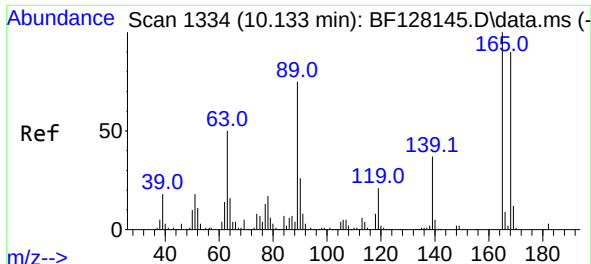
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#56
4-Nitrophenol
Concen: 77.384 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:139 Resp: 177314
Ion Ratio Lower Upper
139 100
109 93.7 61.9 101.9
65 125.2 93.5 133.5





#57
2,4-Dinitrotoluene
Concen: 46.754 ng
RT: 10.110 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

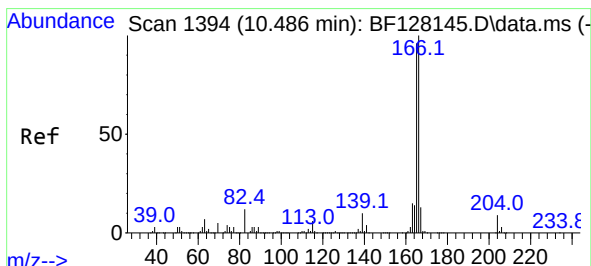
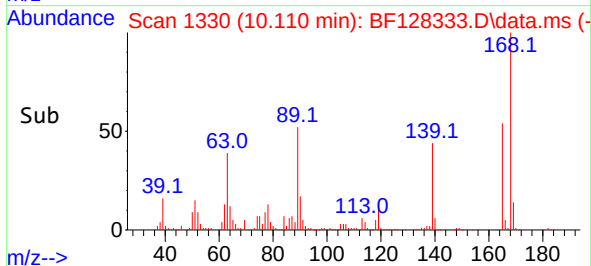
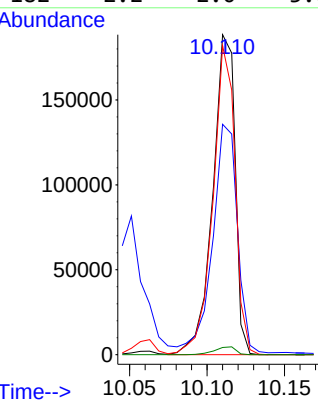
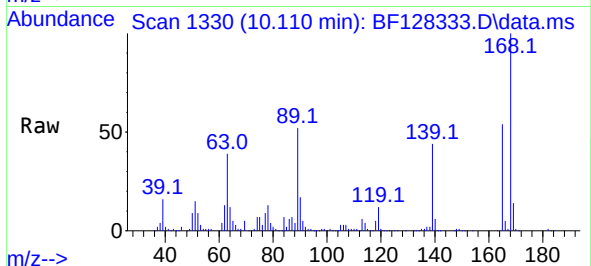
PB144919BS

Tgt Ion:165 Resp: 18910
Ion Ratio Lower Upper
165 100
63 72.0 32.6 49.0
89 96.6 55.2 82.8
182 2.2 2.0 3.0

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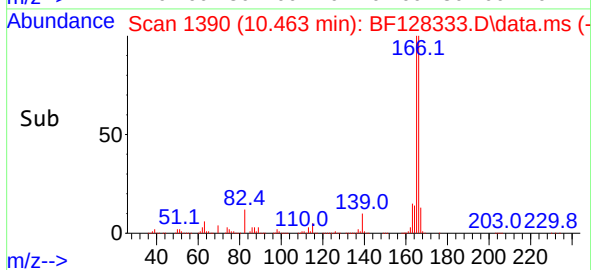
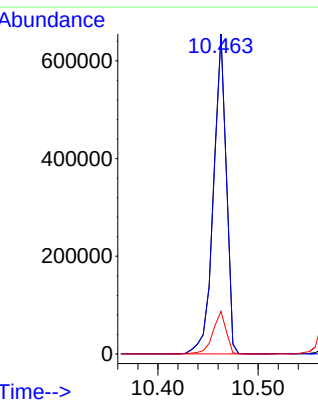
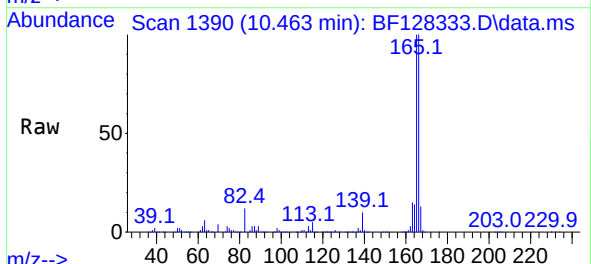
APPROVED

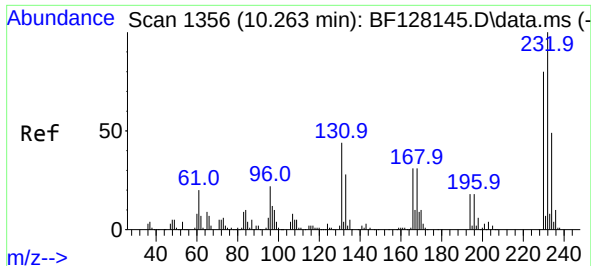
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#58
Fluorene
Concen: 43.479 ng
RT: 10.463 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

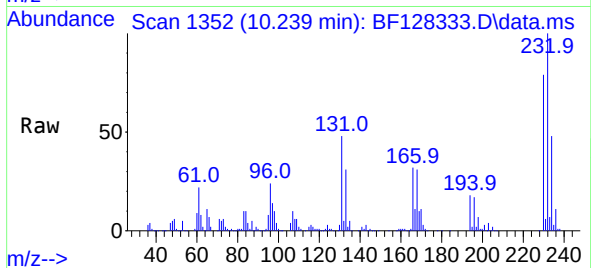
Tgt Ion:166 Resp: 581406
Ion Ratio Lower Upper
166 100
165 99.6 78.6 117.8
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.494 ng
RT: 10.239 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

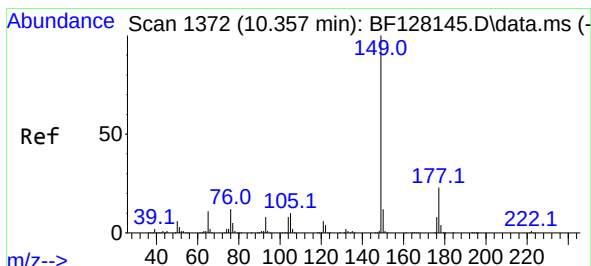
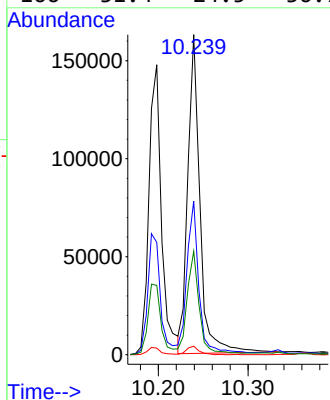
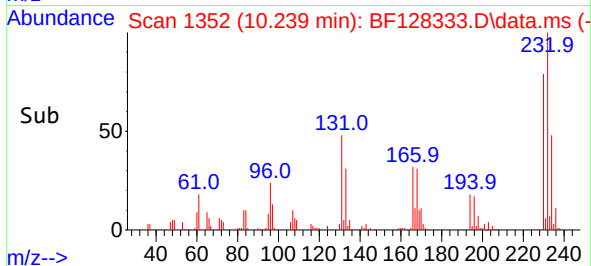
Instrument :
BNA_F
ClientSampleId :
PB144919BS



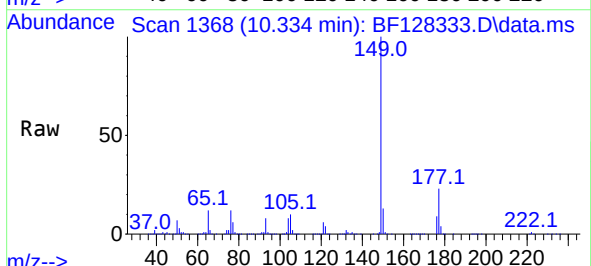
Tgt Ion:232 Resp: 153539
Ion Ratio Lower Upper
232 100
131 46.7 35.4 53.2
130 2.7 1.9 2.9
166 31.4 24.5 36.7

Manual Integrations
APPROVED

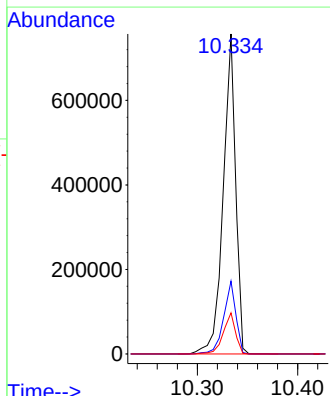
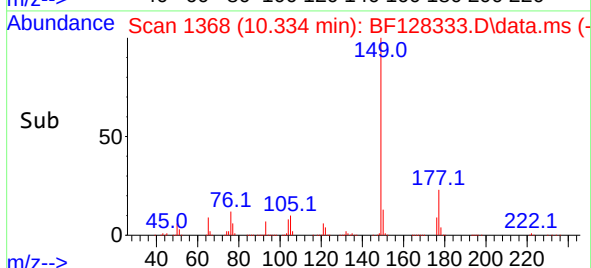
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

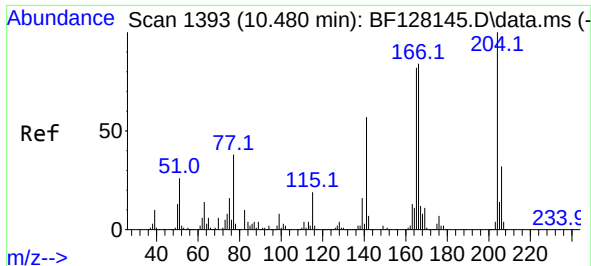


#60
Diethylphthalate
Concen: 47.217 ng
RT: 10.334 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:149 Resp: 649582
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.750 ng
RT: 10.451 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

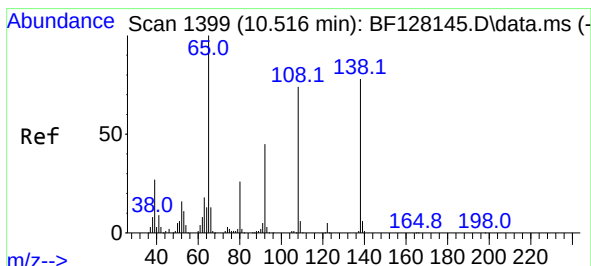
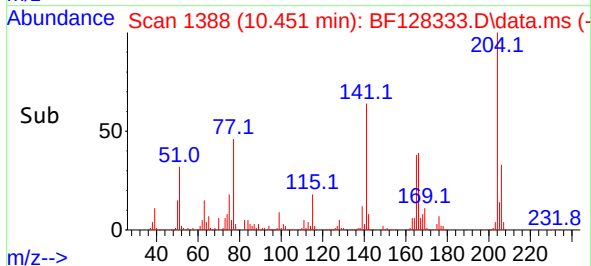
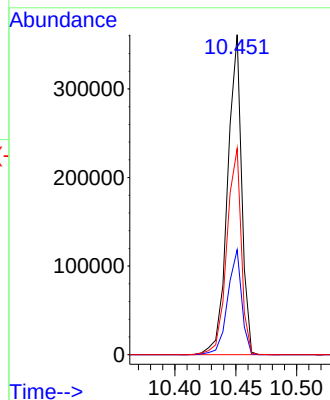
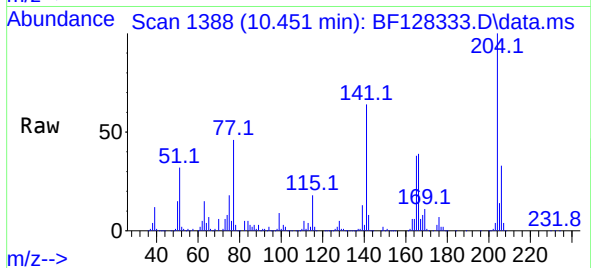
PB144919BS

Tgt Ion:204 Resp: 29175
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 64.5 48.7 73.1

Manual Integrations

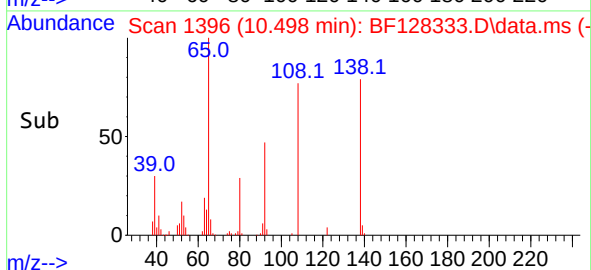
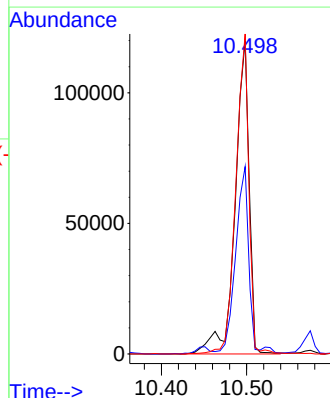
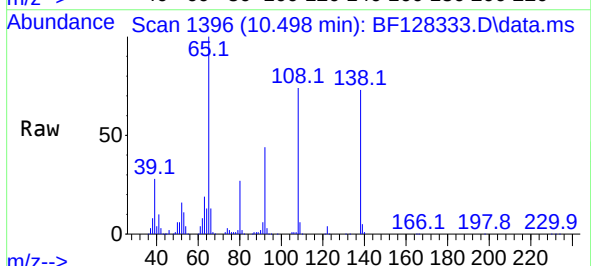
APPROVED

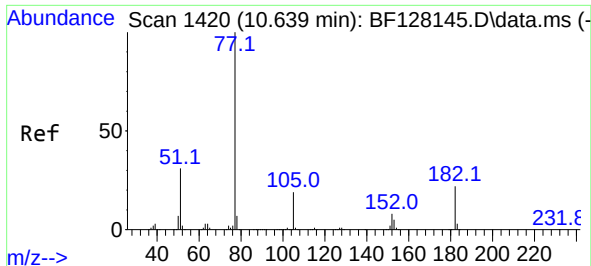
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#62
4-Nitroaniline
Concen: 41.206 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:138 Resp: 136983
Ion Ratio Lower Upper
138 100
92 59.8 37.4 77.4
108 102.1 68.4 108.4





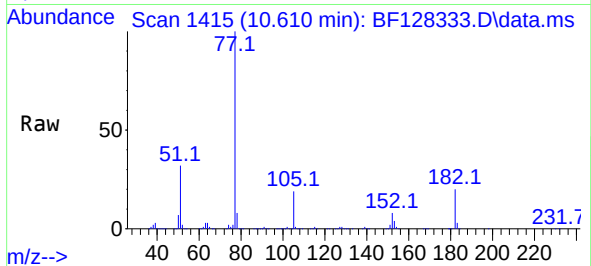
#63
Azobenzene
Concen: 49.576 ng
RT: 10.610 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

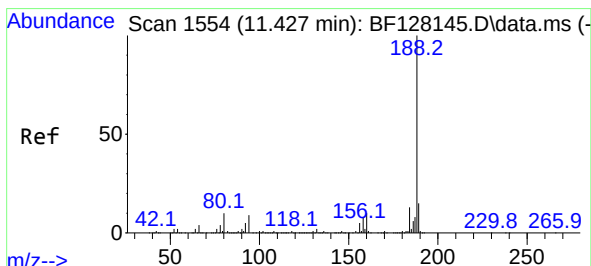
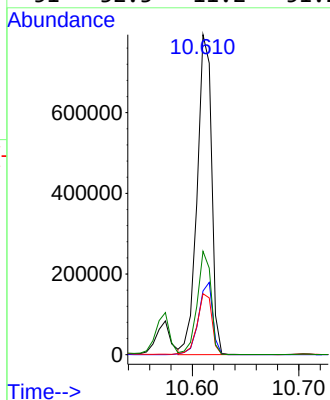
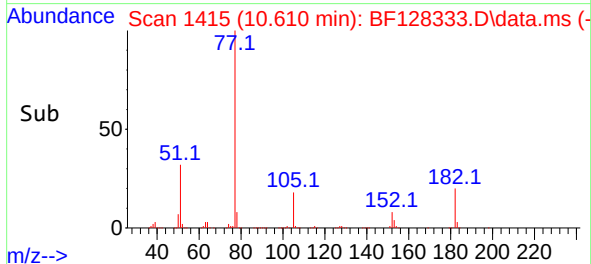


Tgt Ion: 77 Resp: 74685
Ion Ratio Lower Upper
77 100
182 19.9 1.2 41.2
105 19.1 0.0 39.8
51 32.3 11.2 51.2

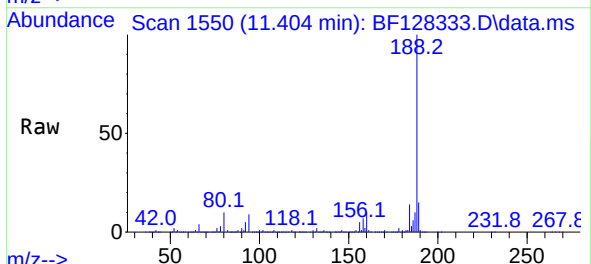
Manual Integrations

APPROVED

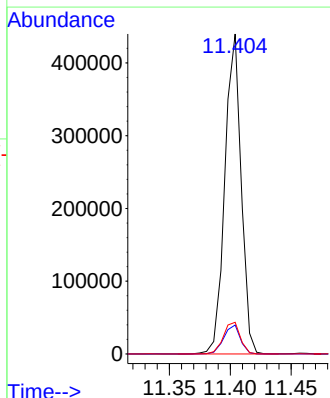
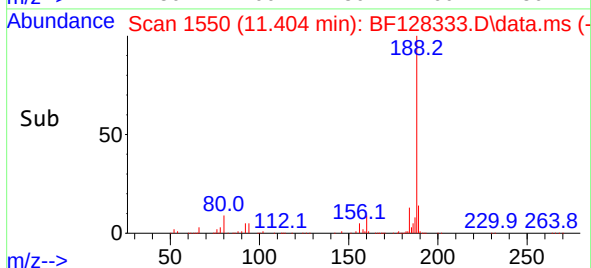
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

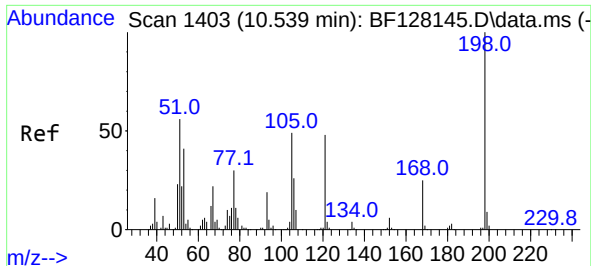


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:188 Resp: 408686
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.9 8.9 13.3





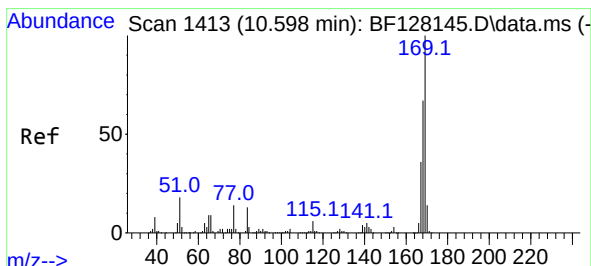
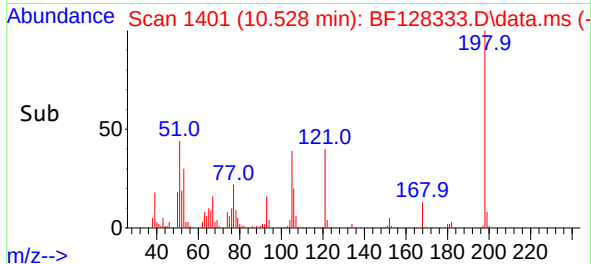
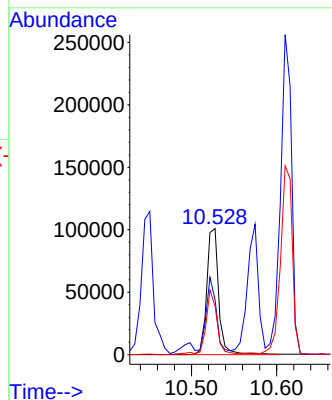
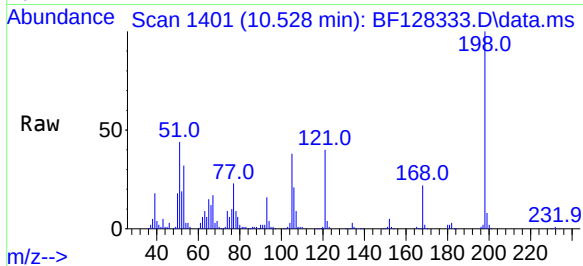
#65
4,6-Dinitro-2-methylphenol
Concen: 38.655 ng
RT: 10.528 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :
BNA_F
ClientSampleId :
PB144919BS

Tgt Ion:198 Resp: 98872
Ion Ratio Lower Upper
198 100
51 43.5 28.4 68.4
105 38.5 23.4 63.4

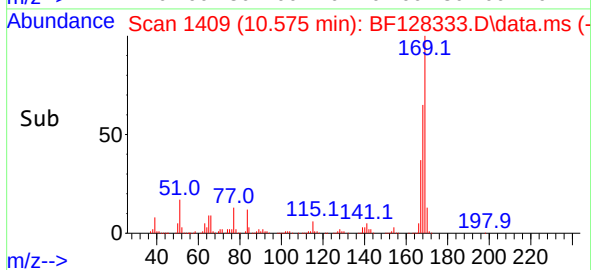
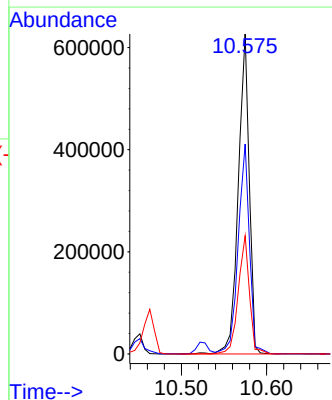
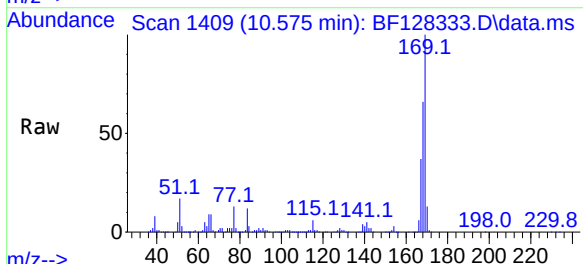
Manual Integrations
APPROVED

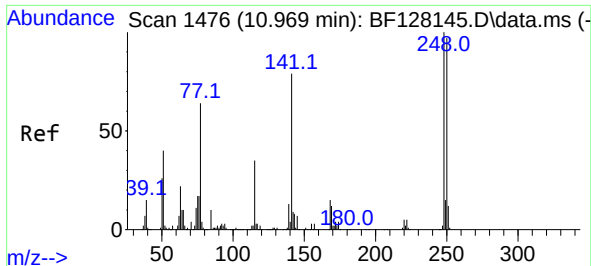
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#66
n-Nitrosodiphenylamine
Concen: 47.079 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:169 Resp: 560750
Ion Ratio Lower Upper
169 100
168 65.6 53.8 80.6
167 37.0 29.5 44.3





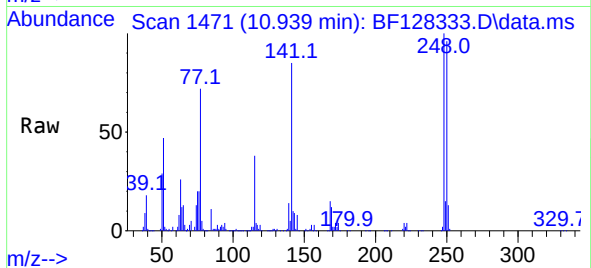
#67
4-Bromophenyl-phenylether
Concen: 46.025 ng
RT: 10.939 min Scan# 1476
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

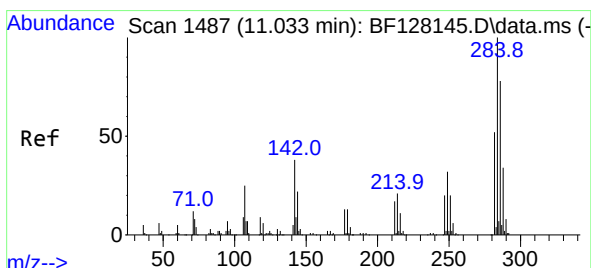
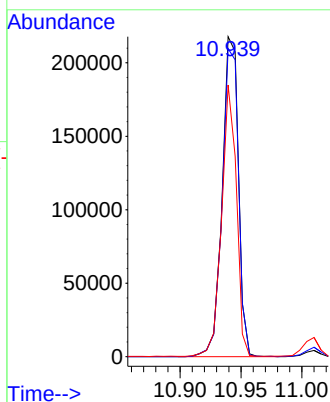
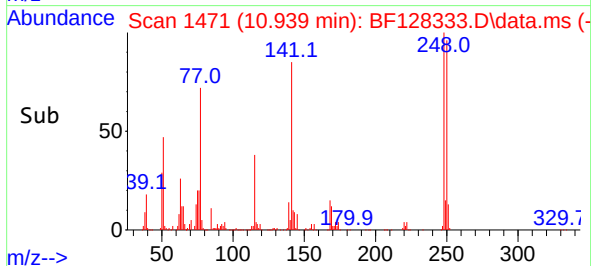


Tgt Ion:248 Resp: 202369
Ion Ratio Lower Upper
248 100
250 96.2 77.7 116.5
141 84.9 65.6 98.4

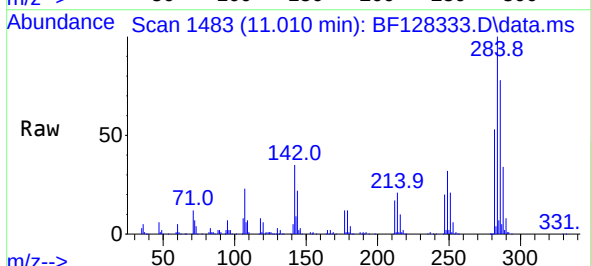
Manual Integrations

APPROVED

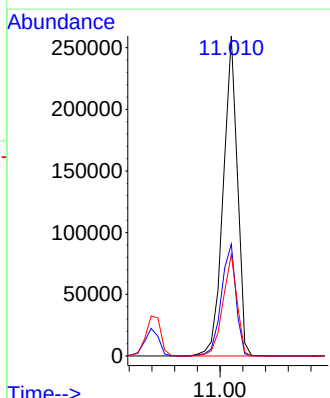
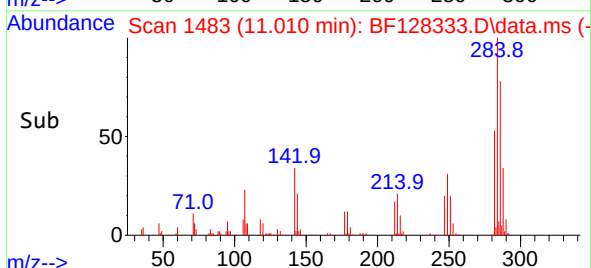
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

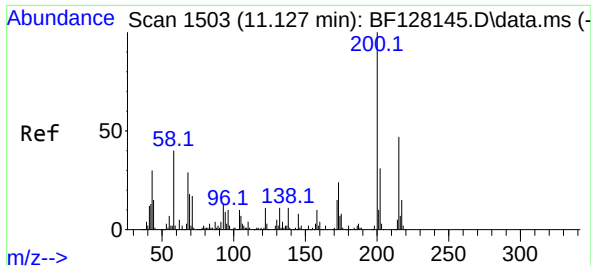


#68
Hexachlorobenzene
Concen: 46.900 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



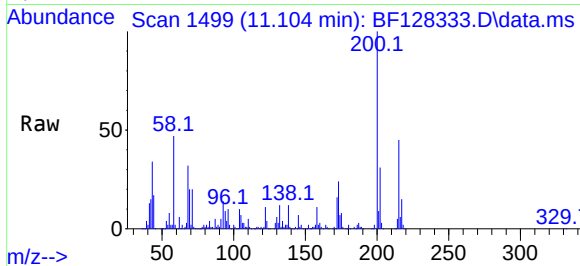
Tgt Ion:284 Resp: 225573
Ion Ratio Lower Upper
284 100
142 35.0 30.2 45.4
249 31.8 26.1 39.1





#69
Atrazine
Concen: 49.117 ng
RT: 11.104 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

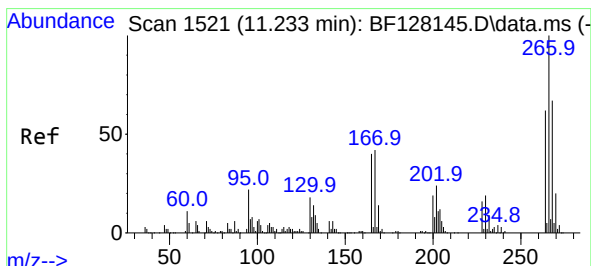
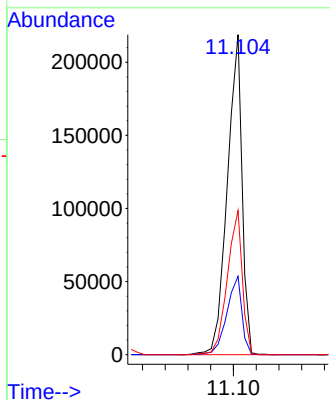
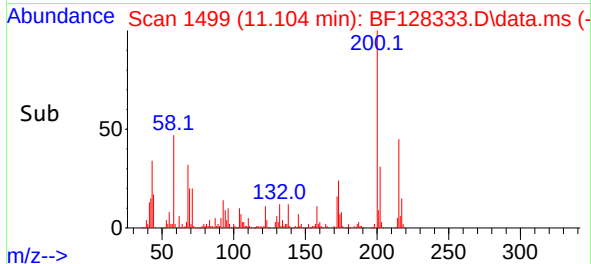
Instrument :
BNA_F
ClientSampleId :
PB144919BS



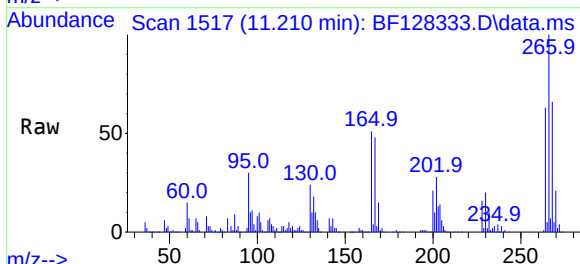
Tgt Ion:200 Resp: 197349
Ion Ratio Lower Upper
200 100
173 24.5 6.0 46.0
215 45.1 28.1 68.1

Manual Integrations
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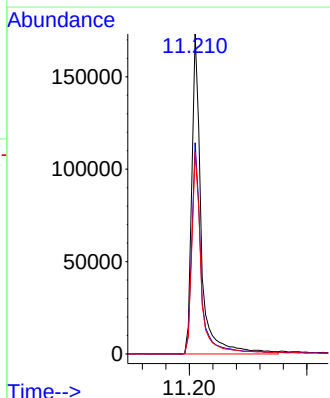
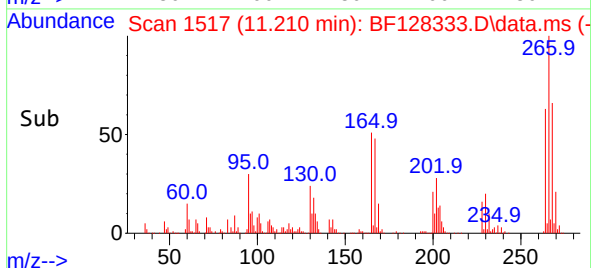
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

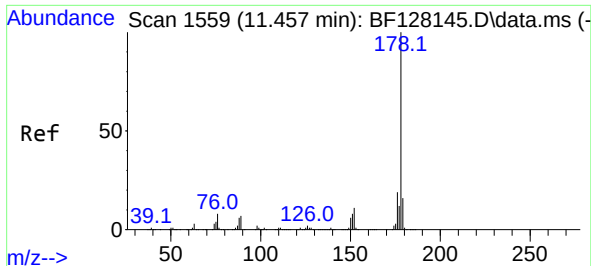


#70
Pentachlorophenol
Concen: 82.960 ng
RT: 11.210 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:266 Resp: 193651
Ion Ratio Lower Upper
266 100
268 66.0 53.0 79.6
264 63.0 53.1 79.7





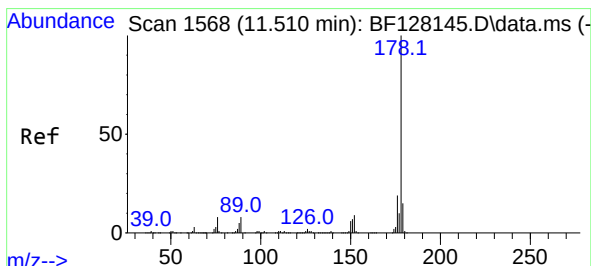
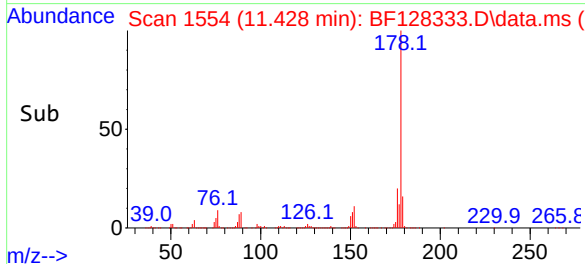
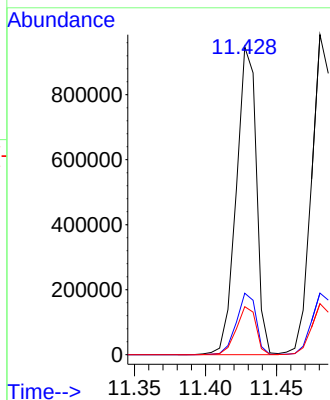
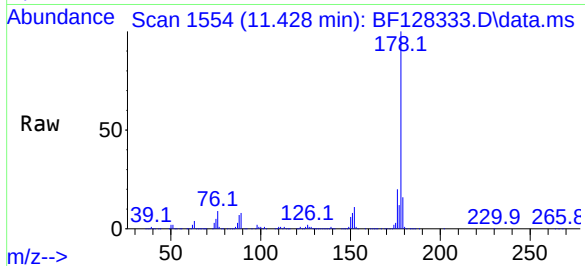
#71
Phenanthrene
Concen: 45.790 ng
RT: 11.428 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :
BNA_F
ClientSampleId :
PB144919BS

Tgt Ion:178 Resp: 93183
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.6 12.6 19.0

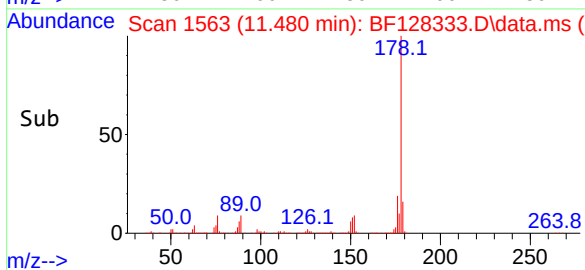
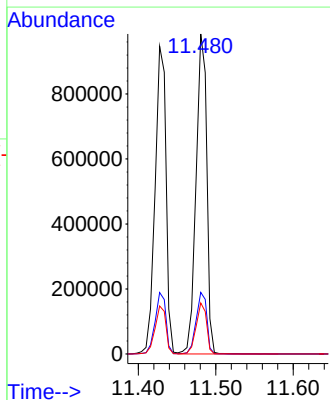
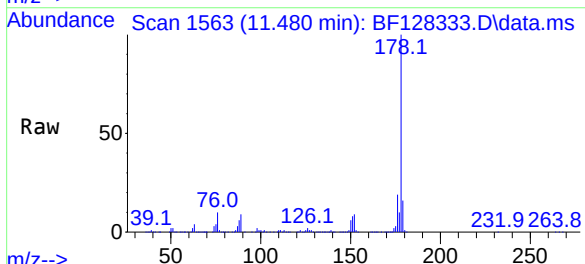
Manual Integrations
APPROVED

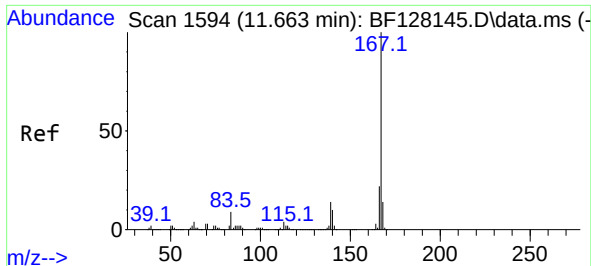
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#72
Anthracene
Concen: 46.497 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:178 Resp: 944722
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 43.140 ng
 RT: 11.639 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128333.D
 Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

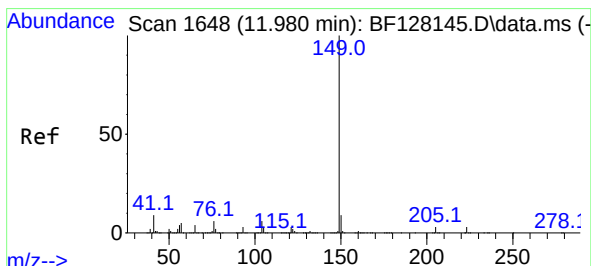
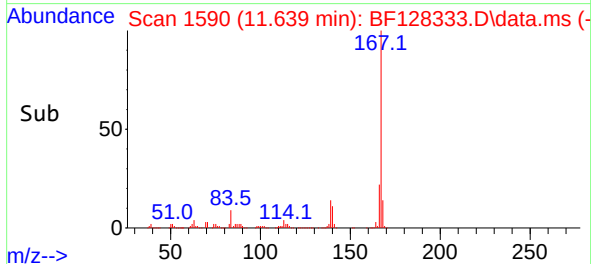
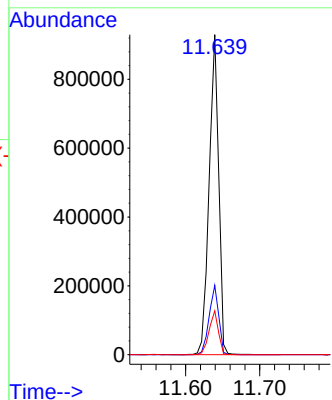
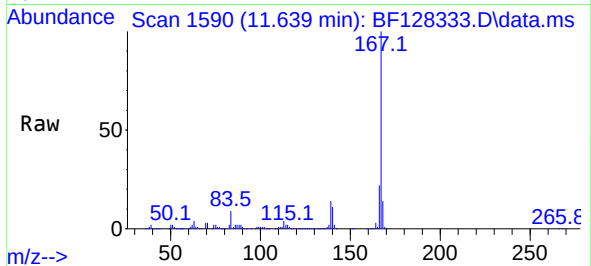
PB144919BS

Tgt Ion:167 Resp: 833489
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.7 10.7 16.1

Manual Integrations

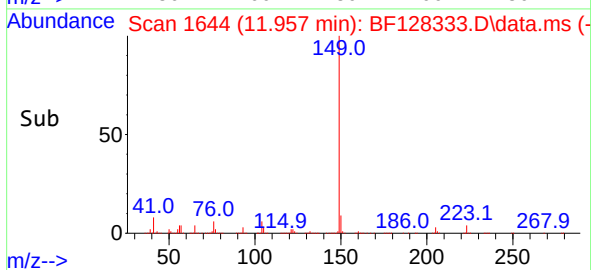
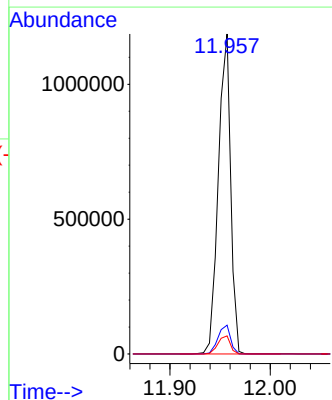
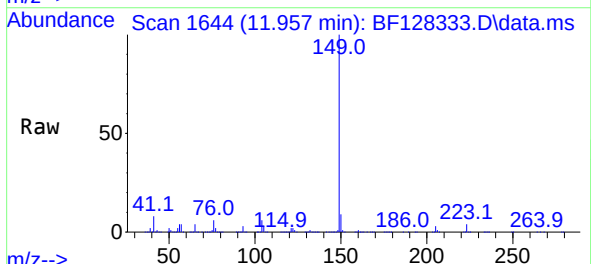
APPROVED

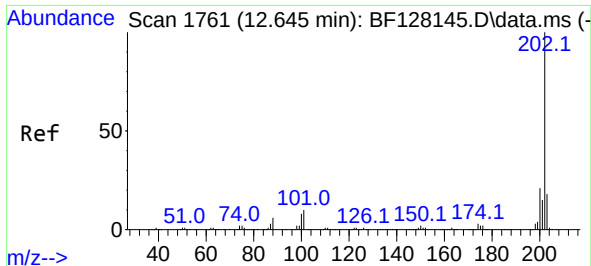
Reviewed By :Christian Giraldo 05/20/2022
 Supervised By :Jagrut Upadhyay 05/20/2022



#74
 Di-n-butylphthalate
 Concen: 45.406 ng
 RT: 11.957 min Scan# 1644
 Delta R.T. 0.000 min
 Lab File: BF128333.D
 Acq: 19 May 2022 13:31

Tgt Ion:149 Resp: 1009939
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.5 11.3
 104 5.7 4.3 6.5





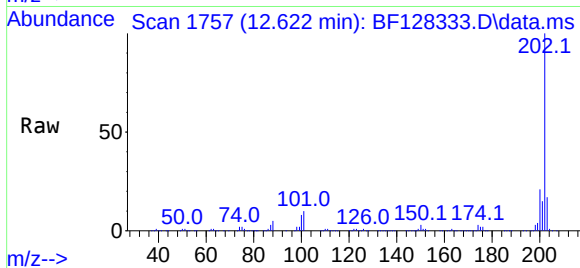
#75
Fluoranthene
Concen: 42.982 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

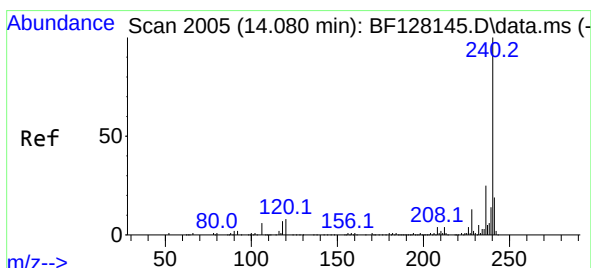
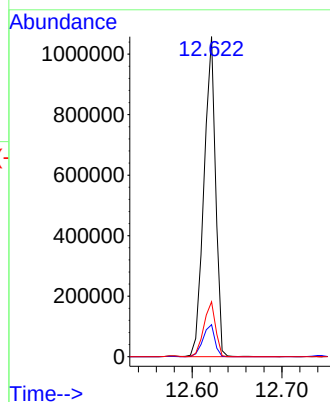
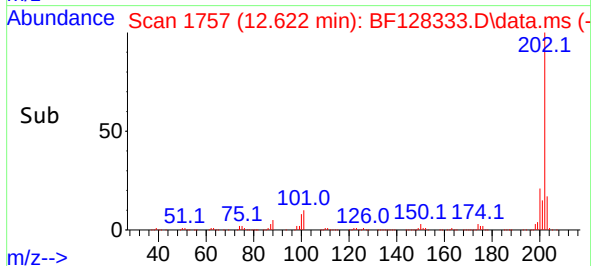


Tgt Ion:202 Resp: 948299
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.6
203 17.2 0.0 38.1

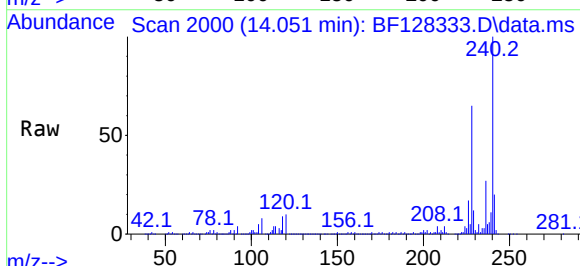
Manual Integrations

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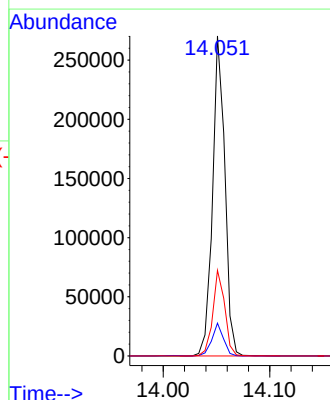
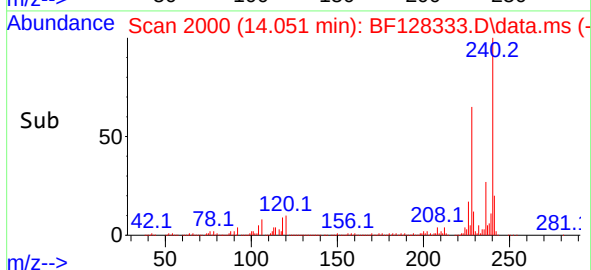
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

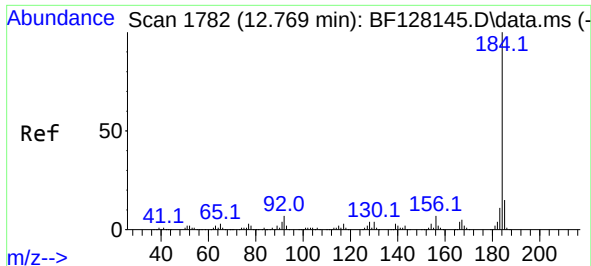


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



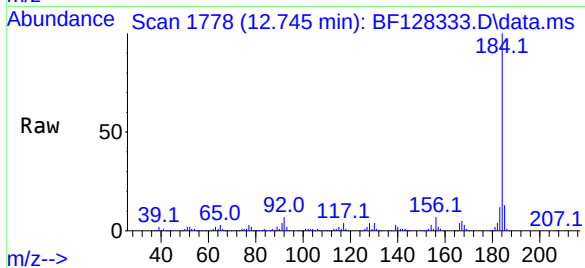
Tgt Ion:240 Resp: 217922
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 26.7 20.3 30.5





#77
Benzidine
Concen: 83.299 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

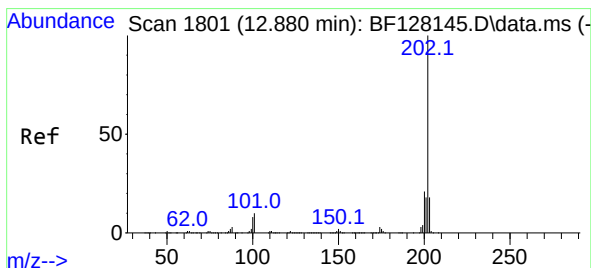
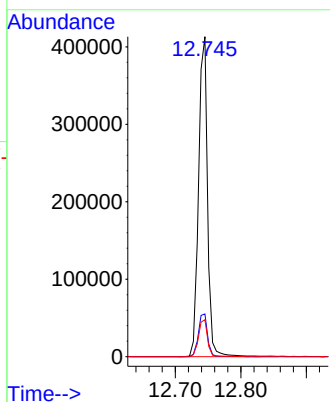
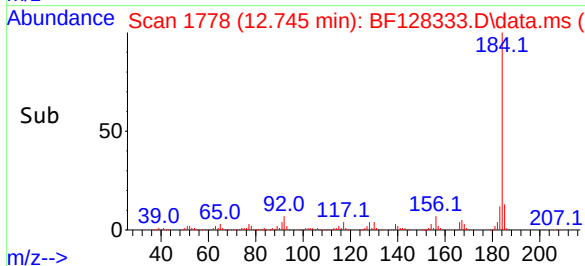
Instrument :
BNA_F
ClientSampleId :
PB144919BS



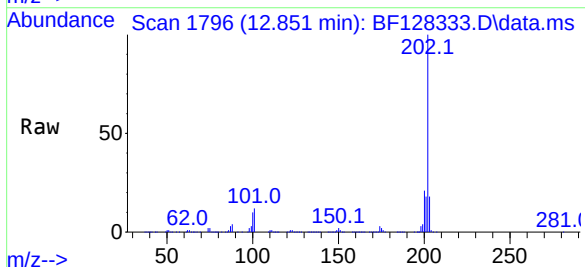
Tgt Ion:184 Resp: 393158
Ion Ratio Lower Upper
184 100
185 13.4 12.1 18.1
183 11.6 9.0 13.4

Manual Integrations
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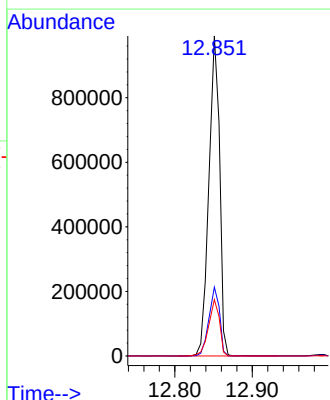
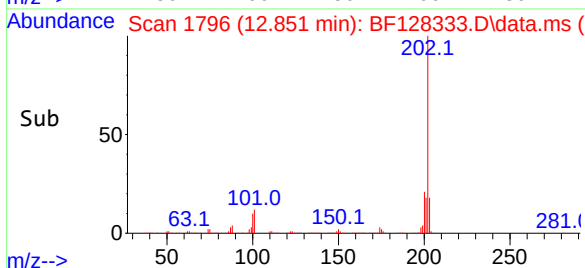
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

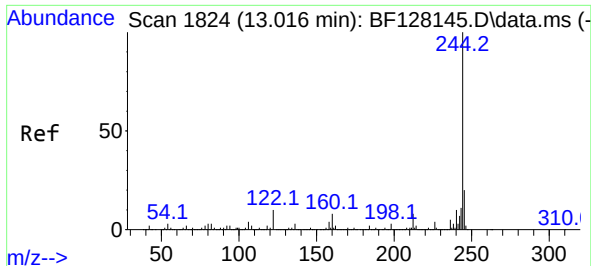


#78
Pyrene
Concen: 60.438 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:202 Resp: 954990
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.0 21.0





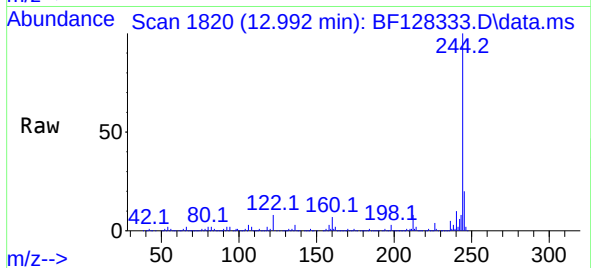
#79
 Terphenyl-d14
 Concen: 110.850 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BF128333.D
 Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

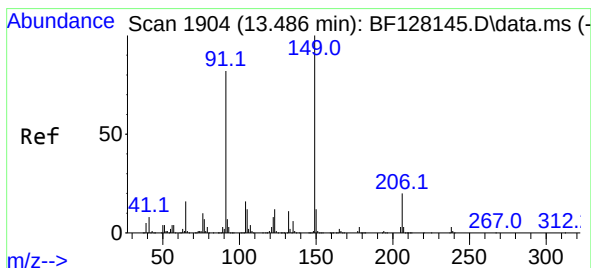
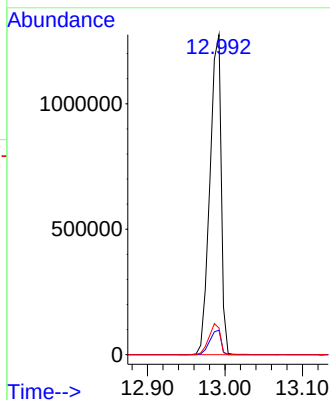
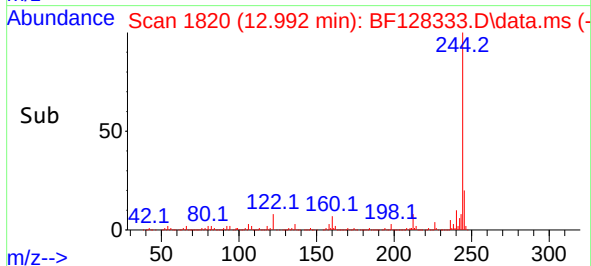


Tgt Ion:244 Resp: 128738
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.4 8.6 12.8

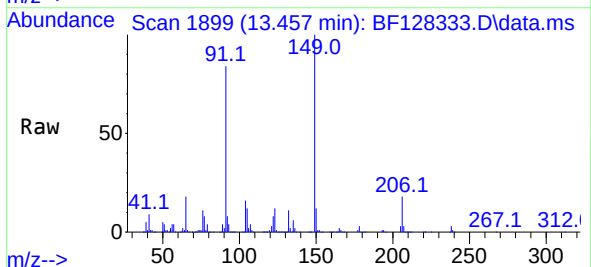
Manual Integrations

APPROVED

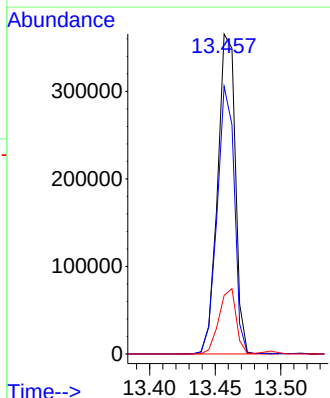
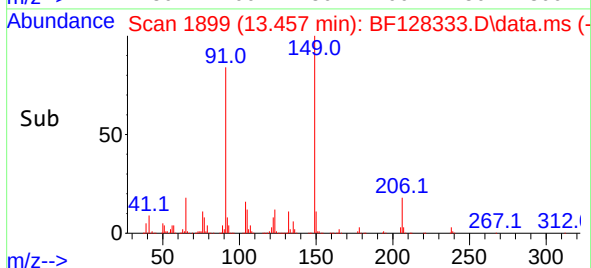
Reviewed By :Christian Giraldo 05/20/2022
 Supervised By :Jagrut Upadhyay 05/20/2022

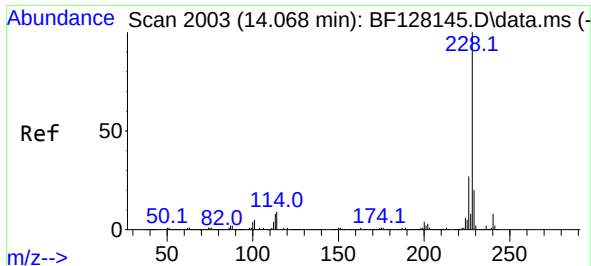


#80
 Butylbenzylphthalate
 Concen: 52.301 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: BF128333.D
 Acq: 19 May 2022 13:31



Tgt Ion:149 Resp: 343573
 Ion Ratio Lower Upper
 149 100
 91 83.6 65.8 98.6
 206 18.3 15.4 23.2





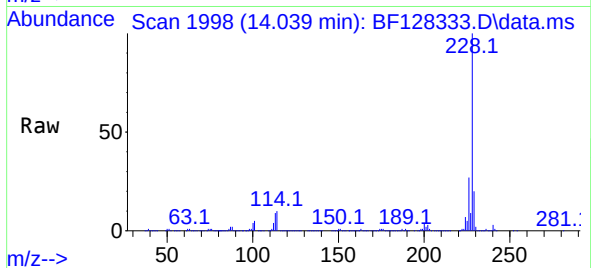
#81
Benzo(a)anthracene
Concen: 49.637 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

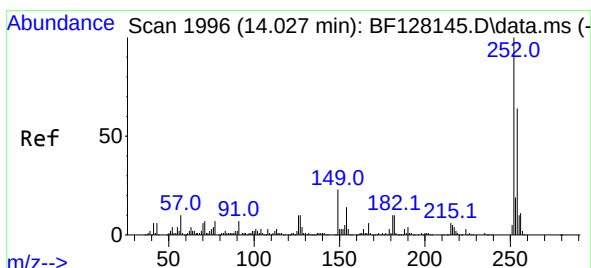
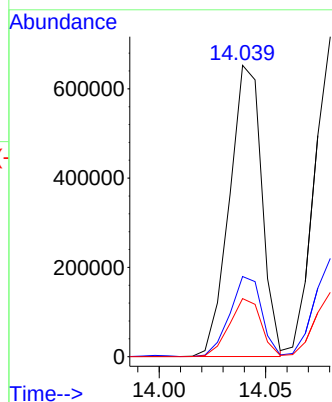
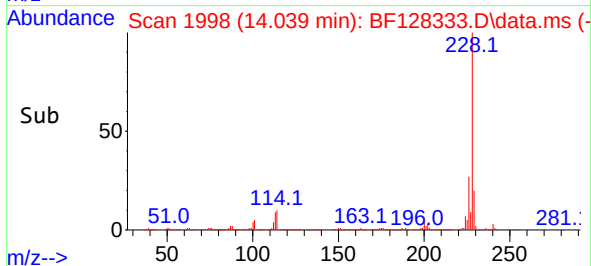


Tgt Ion:228 Resp: 690920
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 15.4 23.2

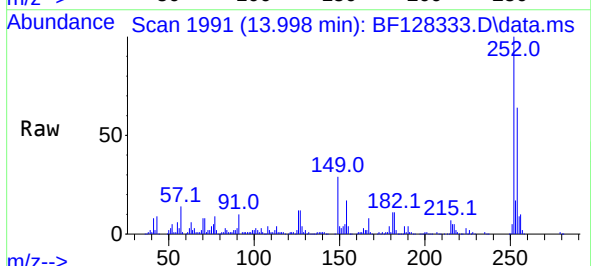
Manual Integrations

APPROVED

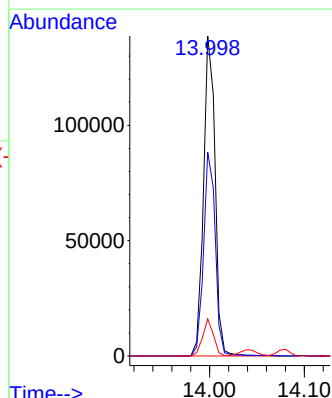
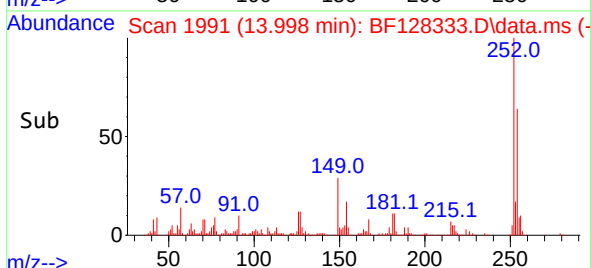
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

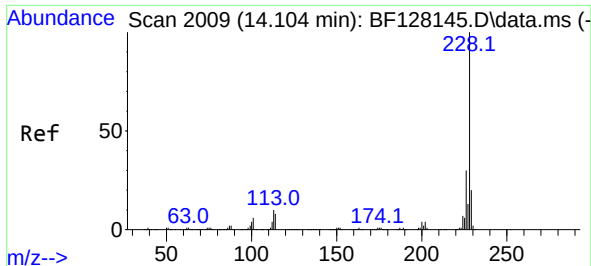


#82
3,3'-Dichlorobenzidine
Concen: 37.640 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:252 Resp: 117561
Ion Ratio Lower Upper
252 100
254 63.7 51.6 77.4
126 11.6 8.8 13.2





#83
Chrysene
Concen: 46.519 ng
RT: 14.080 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

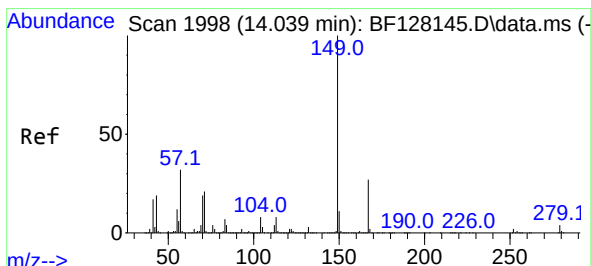
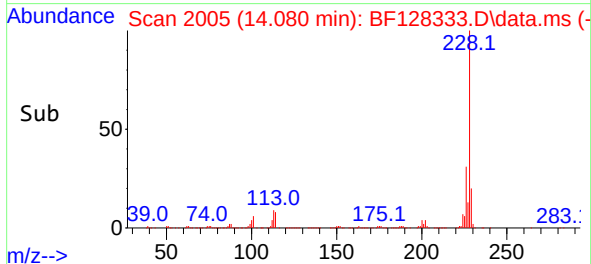
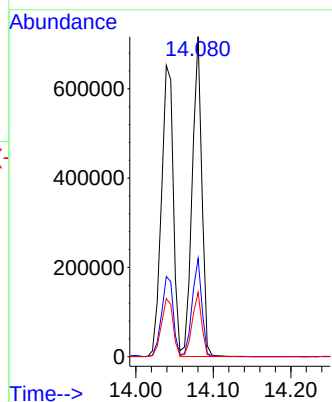
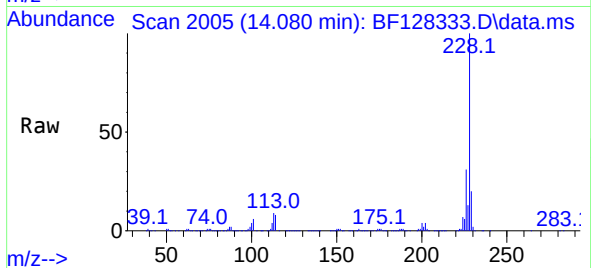
PB144919BS

Tgt Ion:228 Resp: 617824
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 20.1 15.8 23.8

Manual Integrations

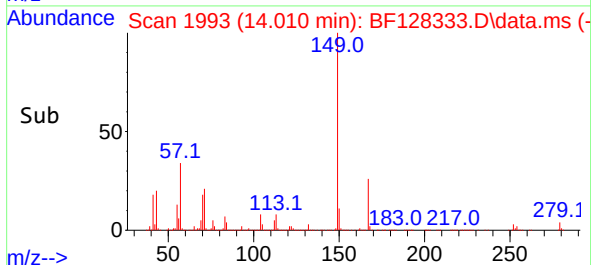
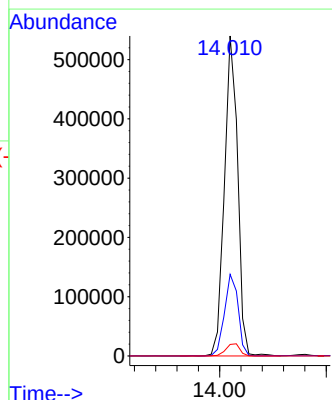
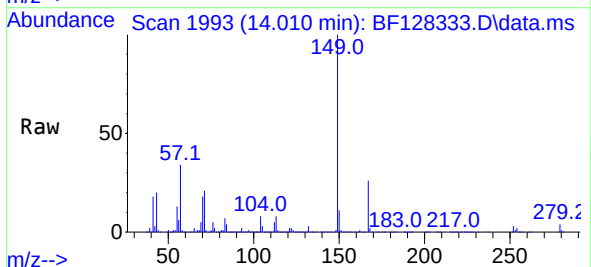
APPROVED

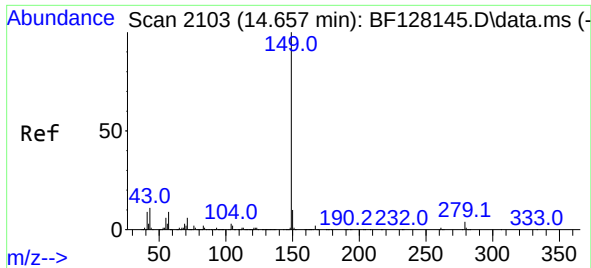
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.333 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:149 Resp: 464502
Ion Ratio Lower Upper
149 100
167 25.5 22.0 33.0
279 3.6 3.4 5.0





#85
Di-n-octyl phthalate
Concen: 51.529 ng
RT: 14.627 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

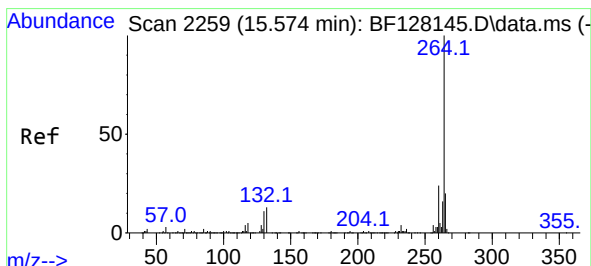
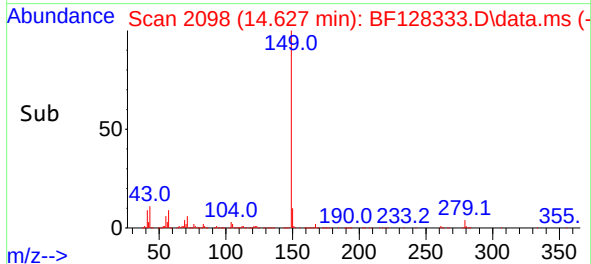
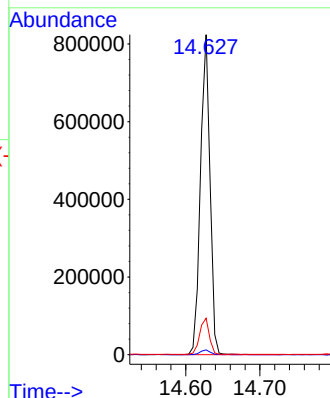
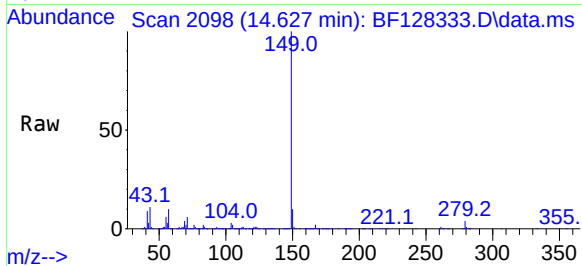
PB144919BS

Tgt Ion:149 Resp: 73059
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 11.4 8.9 13.3

Manual Integrations

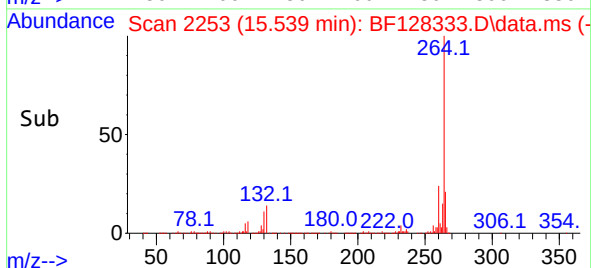
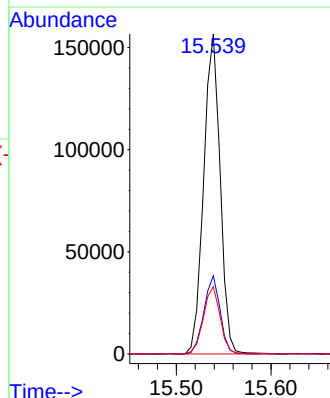
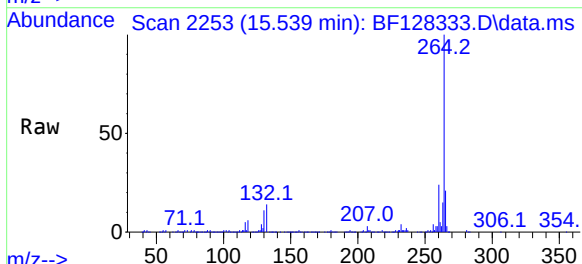
APPROVED

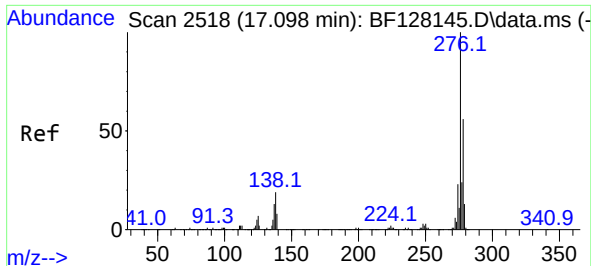
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Tgt Ion:264 Resp: 189290
Ion Ratio Lower Upper
264 100
260 24.4 20.1 30.1
265 21.0 17.5 26.3





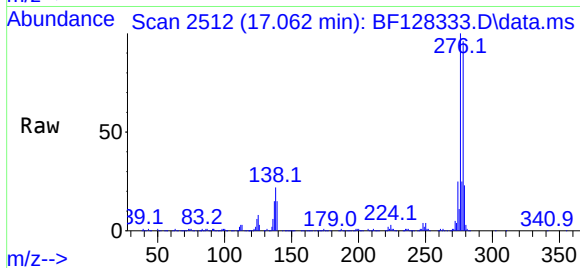
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.968 ng
RT: 17.062 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

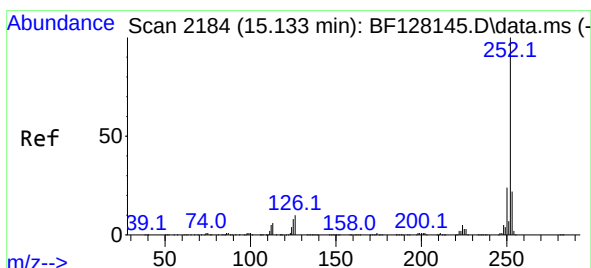
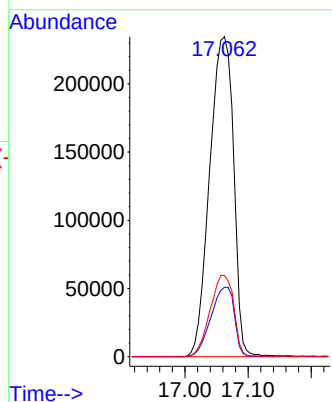
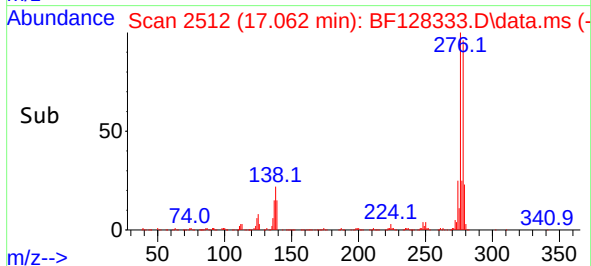


Tgt Ion:276 Resp: 617958
Ion Ratio Lower Upper
276 100
138 21.3 19.0 28.4
277 25.2 20.1 30.1

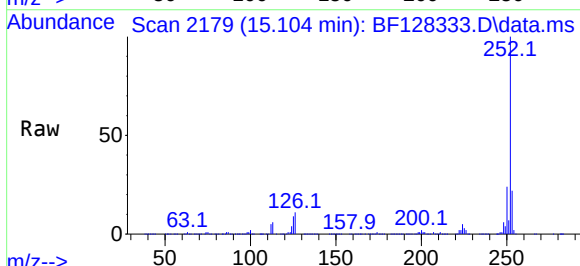
Manual Integrations

APPROVED

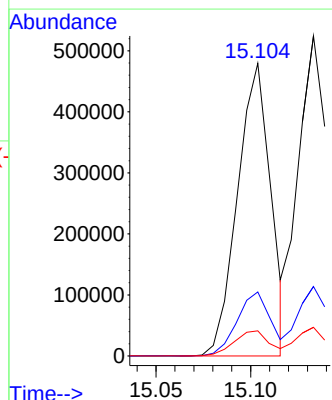
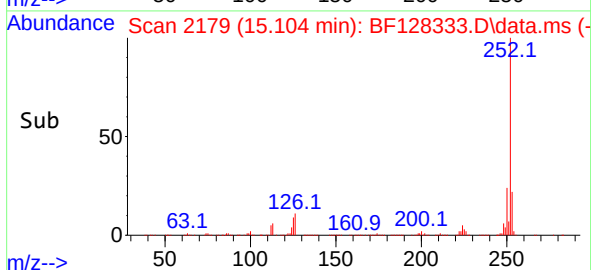
Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

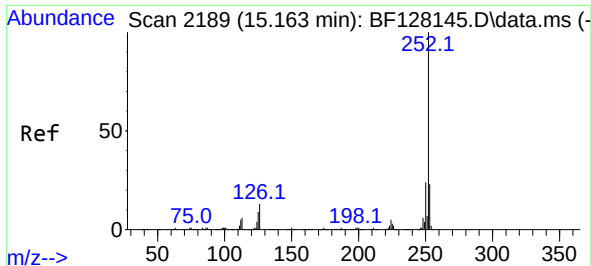


#88
Benzo(b)fluoranthene
Concen: 49.828 ng
RT: 15.104 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BF128333.D
Acq: 19 May 2022 13:31



Tgt Ion:252 Resp: 584685
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.6 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 47.878 ng

RT: 15.133 min Scan# 2184

Delta R.T. 0.000 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

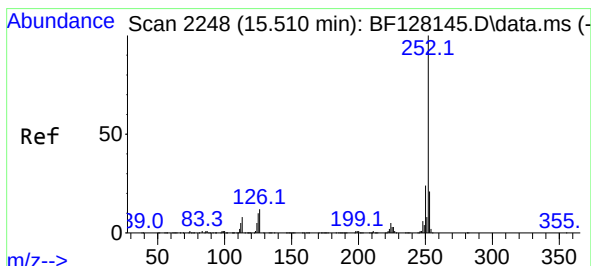
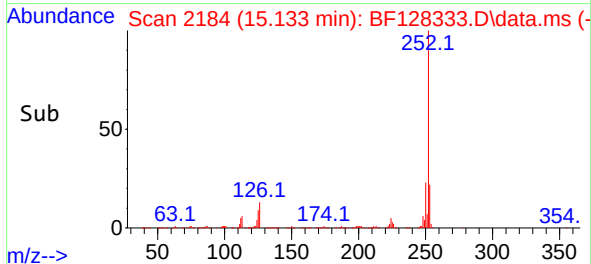
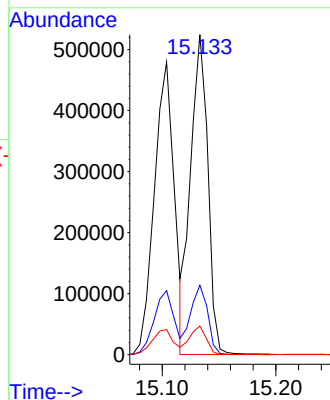
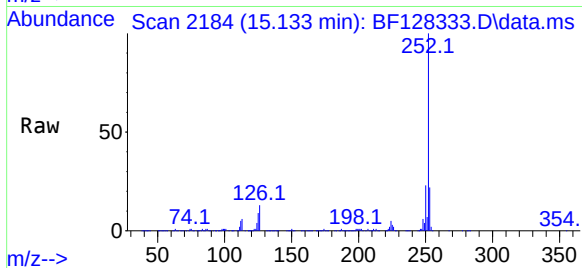
Tgt Ion:252 Resp: 55457

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.0	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022



#90

Benzo(a)pyrene

Concen: 56.461 ng

RT: 15.480 min Scan# 2243

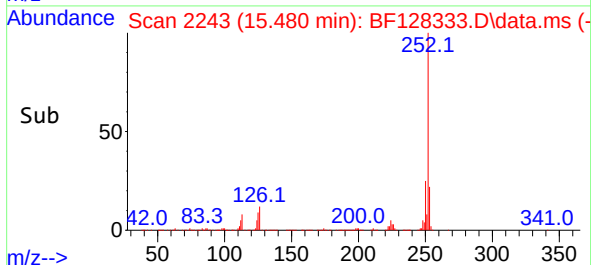
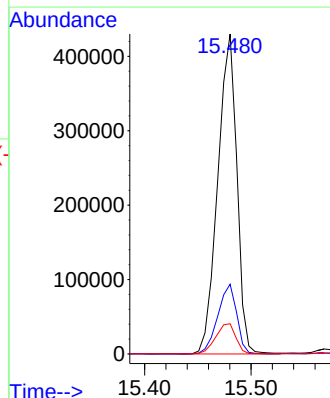
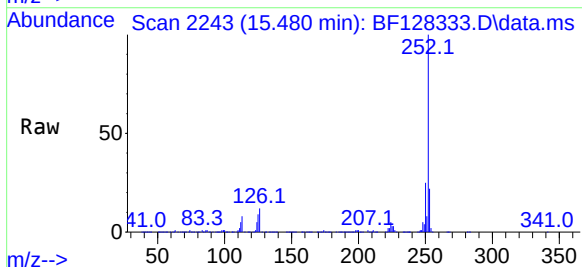
Delta R.T. 0.000 min

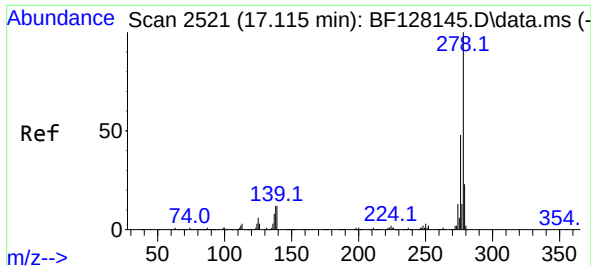
Lab File: BF128333.D

Acq: 19 May 2022 13:31

Tgt Ion:252 Resp: 534861

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.5	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 56.850 ng

RT: 17.074 min Scan# 2514

Delta R.T. 0.000 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Instrument :

BNA_F

ClientSampleId :

PB144919BS

Tgt Ion:278 Resp: 527012

Ion Ratio Lower Upper

278 100

139 12.6 12.6 19.0

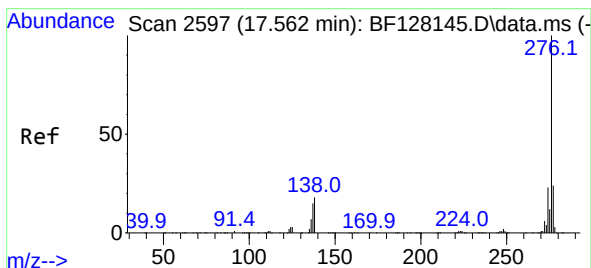
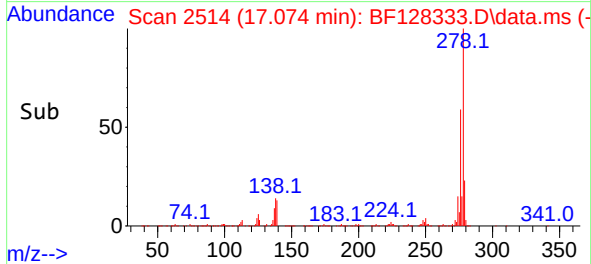
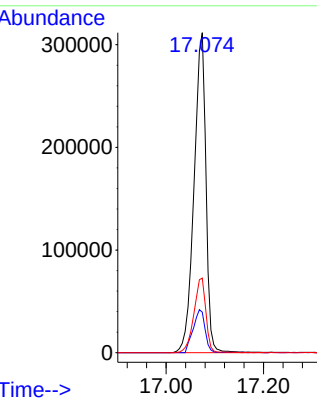
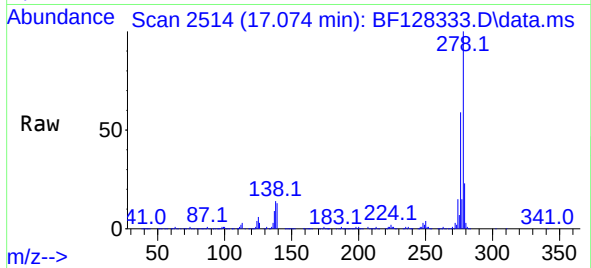
279 23.3 18.9 28.3

Manual Integrations

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Reviewed By :Christian Giraldo 05/20/2022

Supervised By :Jagrut Upadhyay 05/20/2022



#92

Benzo(g,h,i)perylene

Concen: 53.242 ng

RT: 17.521 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BF128333.D

Acq: 19 May 2022 13:31

Tgt Ion:276 Resp: 499746

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 17.2 16.2 24.2

