

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126656.D
 Acq On : 25 Jan 2022 11:35
 Operator : CG/JU
 Sample : PB142212BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142212BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/26/2022
 Supervised By : Jagrut Upadhyay 01/26/2022

Quant Time: Jan 26 00:19:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	118334	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	474444	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	271070	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	474410	20.000	ng	0.00
76) Chrysene-d12	14.151	240	374778	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	281908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1005751	111.842	ng	0.01
7) Phenol-d6	6.586	99	1370714	109.708	ng	0.00
23) Nitrobenzene-d5	7.528	82	1021688	84.288	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	331977	130.865	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1334595	75.402	ng	0.00
79) Terphenyl-d14	13.092	244	1672869	74.867	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.898	88	150387	33.932	ng	88
3) Pyridine	3.651	79	356160	28.687	ng	# 84
4) n-Nitrosodimethylamine	3.616	42	174789	39.789	ng	87
6) Aniline	6.628	93	509016m	32.511	ng	
8) 2-Chlorophenol	6.751	128	362223	43.916	ng	96
9) Benzaldehyde	6.516	77	300243	38.407	ng	83
10) Phenol	6.598	94	562451	42.325	ng	94
11) bis(2-Chloroethyl)ether	6.698	93	462109	42.853	ng	96
12) 1,3-Dichlorobenzene	6.904	146	374947	40.948	ng	# 90
13) 1,4-Dichlorobenzene	6.981	146	391197	42.307	ng	95
14) 1,2-Dichlorobenzene	7.133	146	374337	42.942	ng	96
15) Benzyl Alcohol	7.104	79	454783	40.828	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.233	45	509403	41.405	ng	81
17) 2-Methylphenol	7.210	107	347277	42.825	ng	# 92
18) Hexachloroethane	7.475	117	157506	42.187	ng	95
19) n-Nitroso-di-n-propyla...	7.375	70	370410	40.620	ng	# 87
20) 3+4-Methylphenols	7.357	107	435737	41.441	ng	# 81
22) Acetophenone	7.375	105	595055	40.698	ng	# 90
24) Nitrobenzene	7.545	77	556525	44.475	ng	# 84
25) Isophorone	7.786	82	971231	41.316	ng	# 93
26) 2-Nitrophenol	7.863	139	175374	53.726	ng	# 66
27) 2,4-Dimethylphenol	7.892	122	349343	45.098	ng	84
28) bis(2-Chloroethoxy)met...	7.992	93	582903	39.758	ng	98
29) 2,4-Dichlorophenol	8.098	162	310696	42.283	ng	94
30) 1,2,4-Trichlorobenzene	8.186	180	321750	40.831	ng	99
31) Naphthalene	8.269	128	1056846	41.234	ng	100
32) Benzoic acid	8.010	122	252542	57.471	ng	# 66
33) 4-Chloroaniline	8.316	127	170113	16.612	ng	# 92
34) Hexachlorobutadiene	8.380	225	202445	40.388	ng	98
35) Caprolactam	8.686	113	114420m	43.604	ng	
36) 4-Chloro-3-methylphenol	8.792	107	407093	42.365	ng	86
37) 2-Methylnaphthalene	8.963	142	689191	43.237	ng	97
38) 1-Methylnaphthalene	9.063	142	631314	40.863	ng	98
40) 1,2,4,5-Tetrachloroben...	9.127	216	316670	41.650	ng	98
41) Hexachlorocyclopentadiene	9.116	237	437597	94.532	ng	97
43) 2,4,6-Trichlorophenol	9.233	196	225458	41.597	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	235803	42.007	ng	94
46) 1,1'-Biphenyl	9.427	154	853738	41.805	ng	98
47) 2-Chloronaphthalene	9.457	162	645276	40.218	ng	99
48) 2-Nitroaniline	9.545	65	294609	53.181	ng #	86
49) Acenaphthylene	9.874	152	1032931	41.041	ng	98
50) Dimethylphthalate	9.727	163	808305	42.043	ng	98
51) 2,6-Dinitrotoluene	9.792	165	171955	51.760	ng #	84
52) Acenaphthene	10.045	154	706835	45.938	ng	97
53) 3-Nitroaniline	9.957	138	105367	27.740	ng #	72
54) 2,4-Dinitrophenol	10.063	184	152229	89.985	ng #	82
55) Dibenzofuran	10.216	168	923519	39.939	ng	94
56) 4-Nitrophenol	10.116	139	283931	93.873	ng #	53
57) 2,4-Dinitrotoluene	10.198	165	236630	58.779	ng #	98
58) Fluorene	10.563	166	720945	41.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	201699	43.949	ng #	87
60) Diethylphthalate	10.427	149	799153	41.816	ng	98
61) 4-Chlorophenyl-phenyle...	10.551	204	354004	40.601	ng	93
62) 4-Nitroaniline	10.580	138	175510	47.610	ng #	64
63) Azobenzene	10.710	77	1147029	40.556	ng	91
65) 4,6-Dinitro-2-methylph...	10.598	198	104714	46.477	ng	82
66) n-Nitrosodiphenylamine	10.669	169	637828	39.829	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	225790	41.296	ng	94
68) Hexachlorobenzene	11.104	284	249166	42.713	ng	94
69) Atrazine	11.198	200	227997	44.579	ng	94
70) Pentachlorophenol	11.298	266	287405	84.726	ng	98
71) Phenanthrene	11.527	178	1118167	41.255	ng	100
72) Anthracene	11.580	178	1129000	41.517	ng	98
73) Carbazole	11.733	167	1002348	39.260	ng	99
74) Di-n-butylphthalate	12.057	149	1335319	43.372	ng #	98
75) Fluoranthene	12.721	202	1165719	43.544	ng	95
77) Benzidine	12.839	184	408772	31.617	ng	99
78) Pyrene	12.951	202	1179585	38.920	ng	98
80) Butylbenzylphthalate	13.562	149	558421	42.410	ng #	87
81) Benzo(a)anthracene	14.139	228	1027842	40.349	ng	98
82) 3,3'-Dichlorobenzidine	14.098	252	208984	24.973	ng #	97
83) Chrysene	14.180	228	987148	40.274	ng	99
84) Bis(2-ethylhexyl)phtha...	14.121	149	804811	45.132	ng #	100
85) Di-n-octyl phthalate	14.745	149	1300362	47.629	ng	96
87) Indeno(1,2,3-cd)pyrene	17.239	276	727136	41.746	ng #	88
88) Benzo(b)fluoranthene	15.221	252	886794	47.436	ng #	94
89) Benzo(k)fluoranthene	15.256	252	802915	43.743	ng #	94
90) Benzo(a)pyrene	15.615	252	778516	51.182	ng #	93
91) Dibenzo(a,h)anthracene	17.262	278	619180	42.911	ng #	92
92) Benzo(g,h,i)perylene	17.721	276	589057	41.633	ng #	88

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

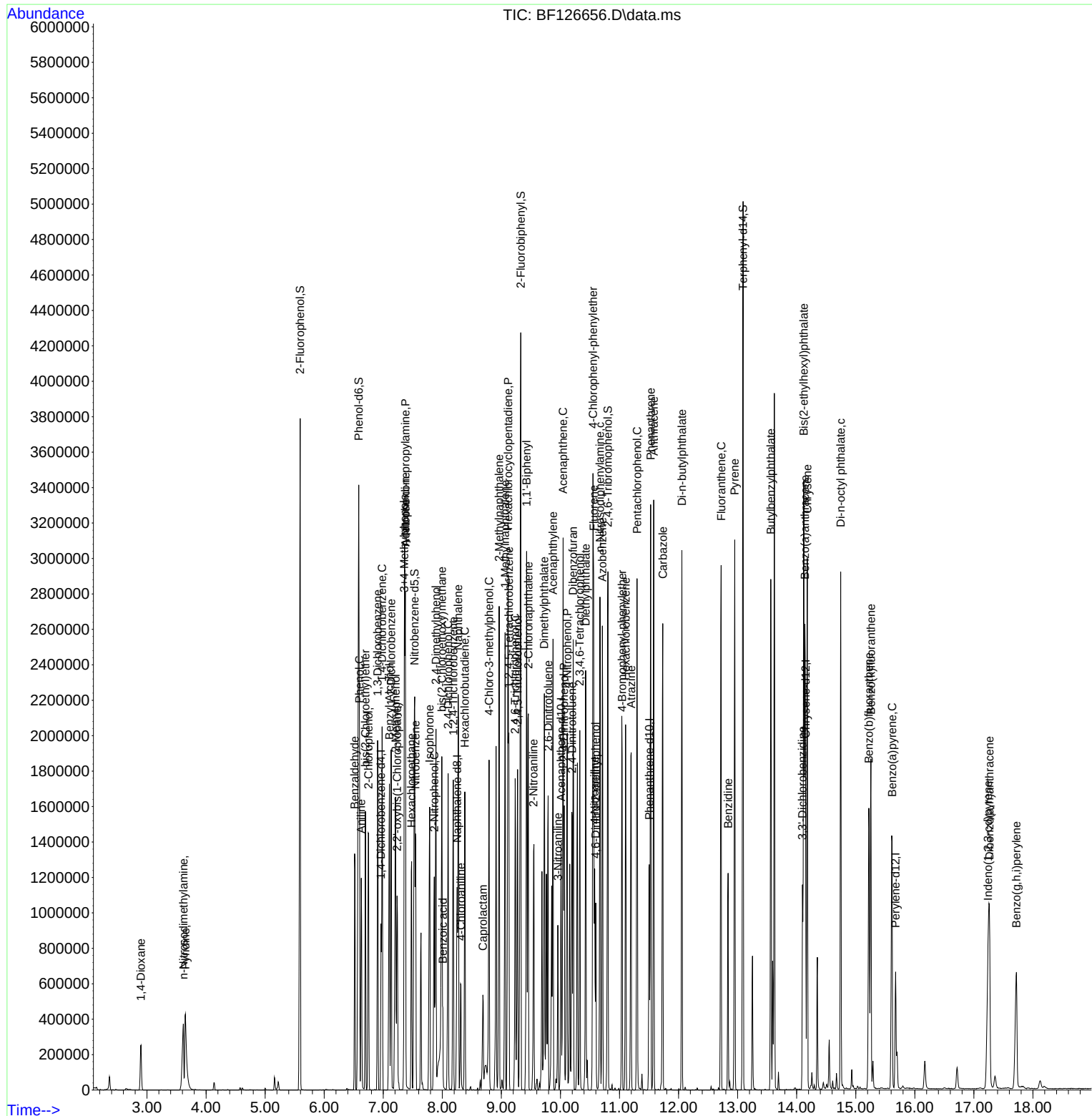
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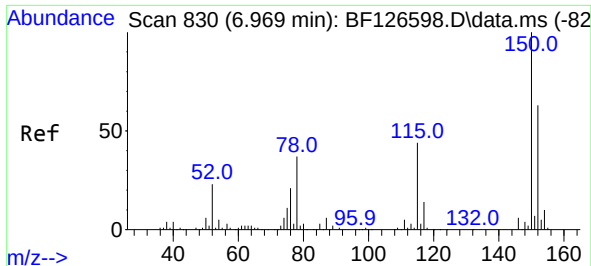
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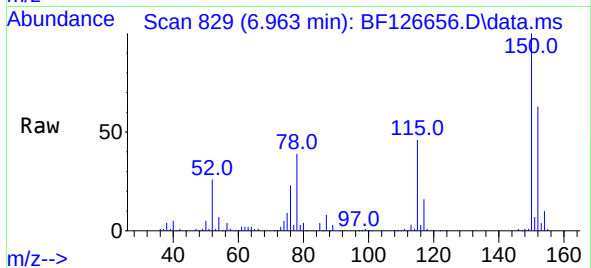
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

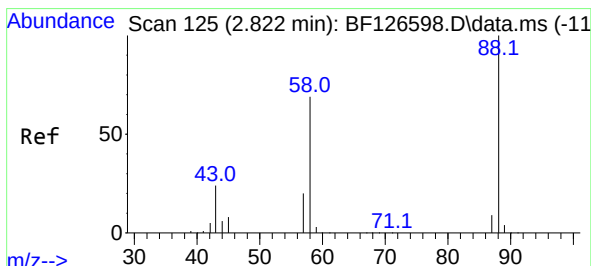
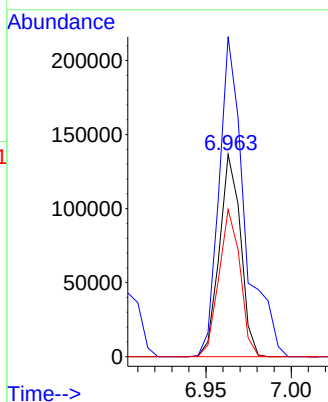
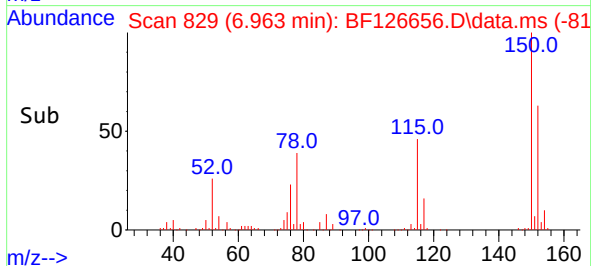
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BNA_F
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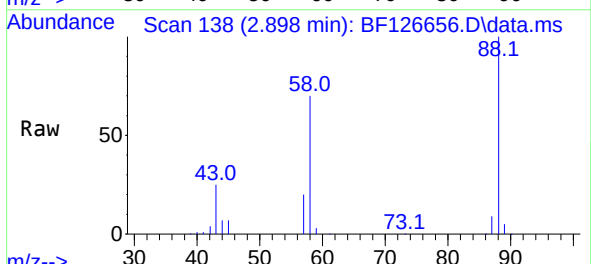
Tgt Ion:152 Resp: 118334
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 72.8 56.7 85.1

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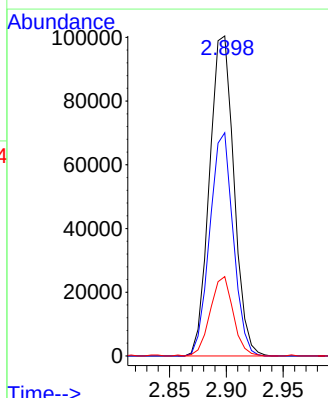
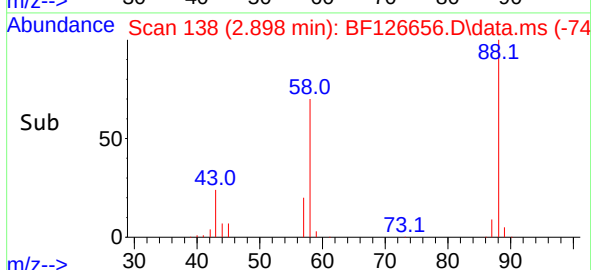
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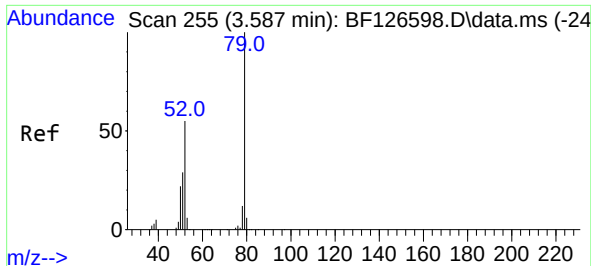


#2
1,4-Dioxane
Concen: 33.932 ng
RT: 2.898 min Scan# 138
Delta R.T. 0.076 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



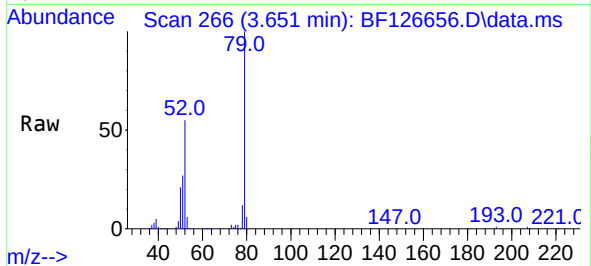
Tgt Ion: 88 Resp: 150387
Ion Ratio Lower Upper
88 100
58 66.9 62.8 94.2
43 23.4 22.3 33.5





#3
Pyridine
Concen: 28.687 ng
RT: 3.651 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

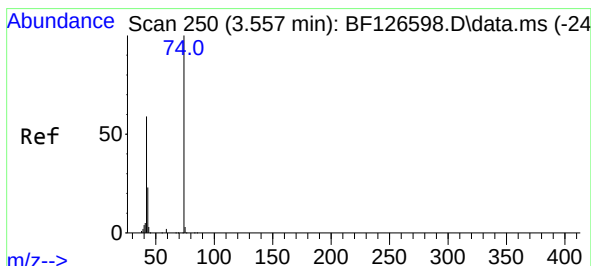
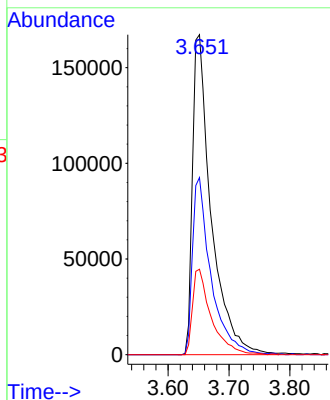
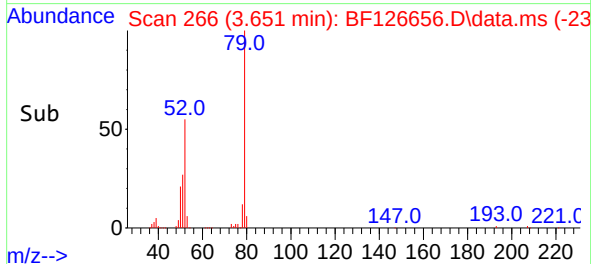
Instrument :
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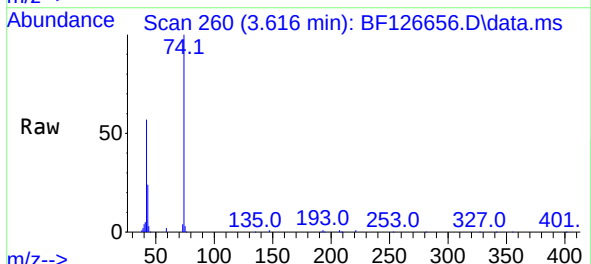
Tgt Ion: 79 Resp: 356160
Ion Ratio Lower Upper
79 100
52 55.3 56.2 84.4
51 26.7 26.7 40.1

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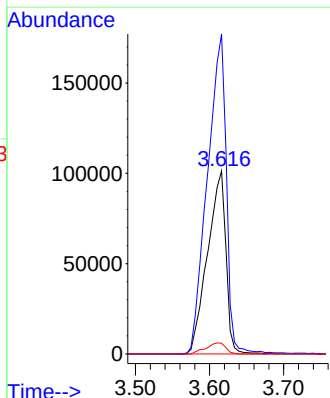
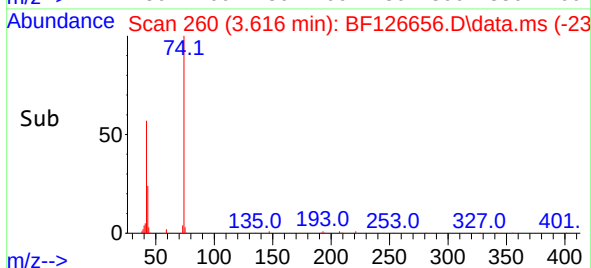
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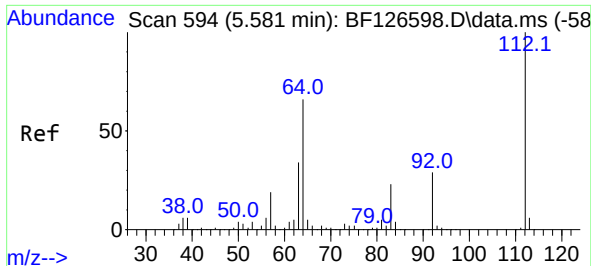


#4
n-Nitrosodimethylamine
Concen: 39.789 ng
RT: 3.616 min Scan# 260
Delta R.T. 0.059 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion: 42 Resp: 174789
Ion Ratio Lower Upper
42 100
74 174.9 125.6 188.4
44 5.9 5.7 8.5





#5
2-Fluorophenol
Concen: 111.842 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

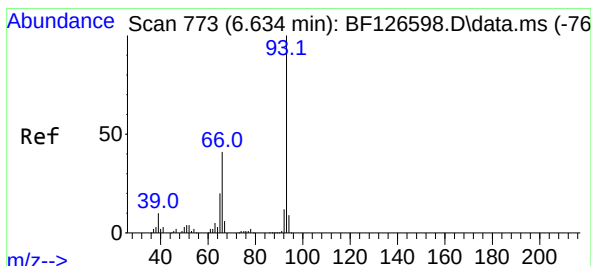
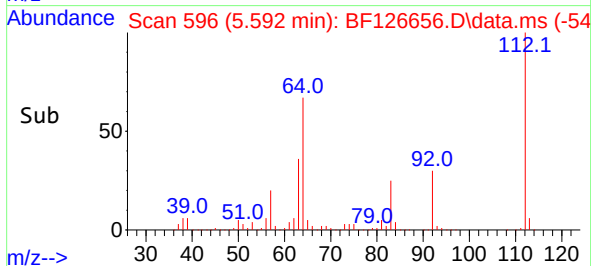
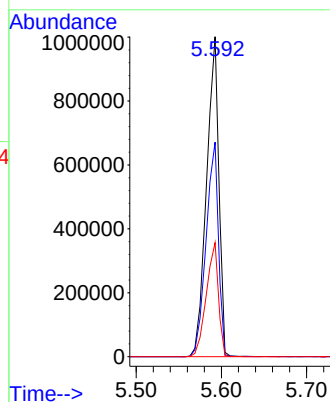
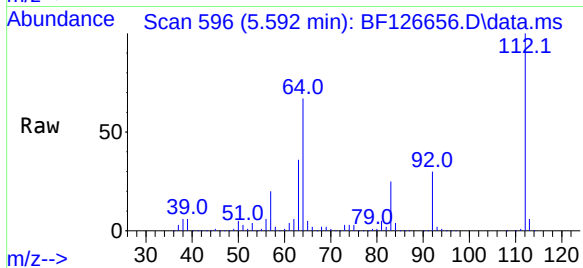
PB142212BS

Tgt Ion:112 Resp: 100575
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 35.7 23.9 35.9

Manual Integrations

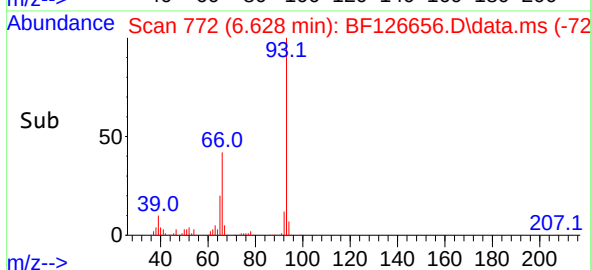
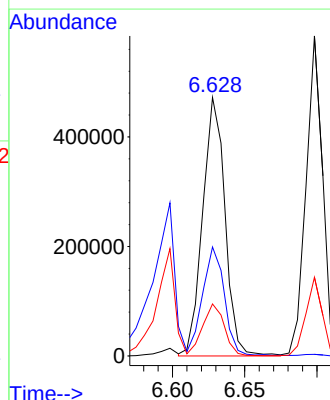
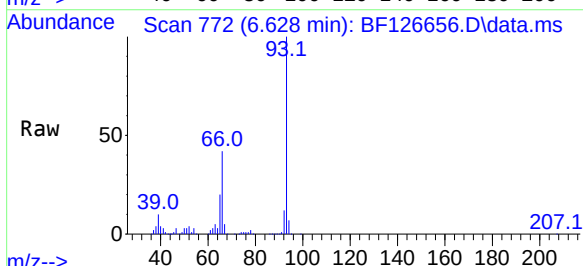
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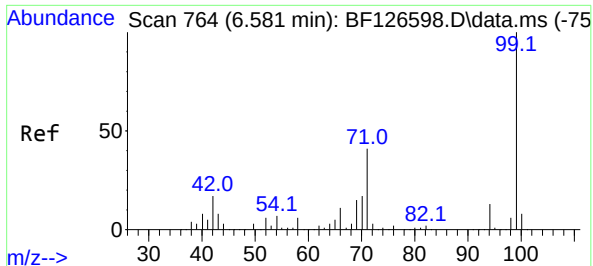
Reviewed By :Christian Giraldo 01/26/2022
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#6
Aniline
Concen: 32.511 ng m
RT: 6.628 min Scan# 772
Delta R.T. -0.006 min
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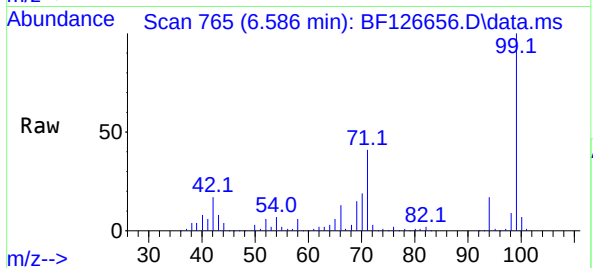
Tgt Ion: 93 Resp: 509016
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.4
65 20.1 16.3 24.5





#7
Phenol-d6
Concen: 109.708 ng
RT: 6.586 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF126656.D
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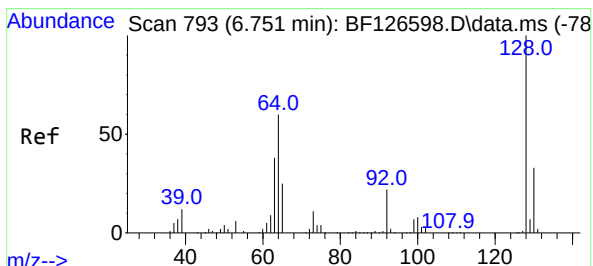
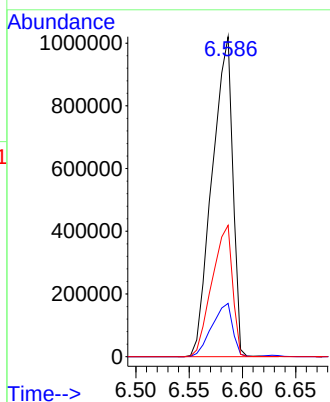
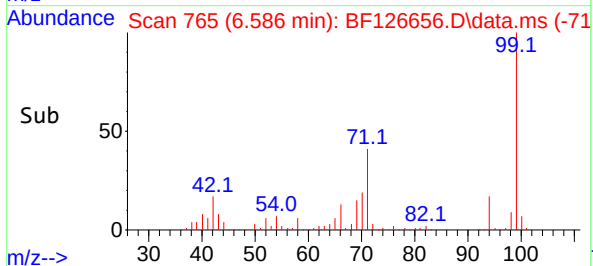
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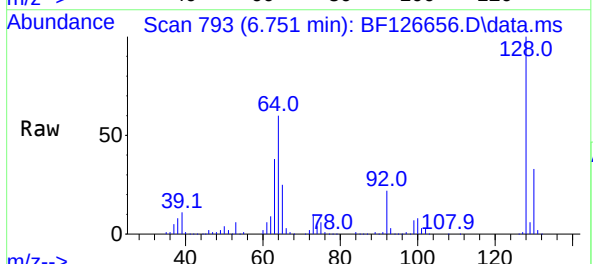
Tgt Ion: 99 Resp: 1370714
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 41.1 24.3 36.5

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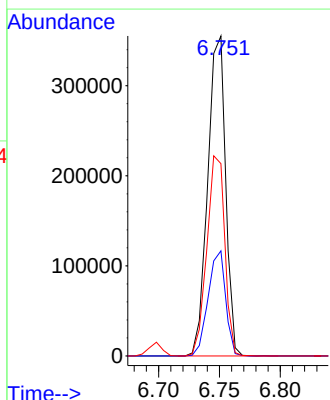
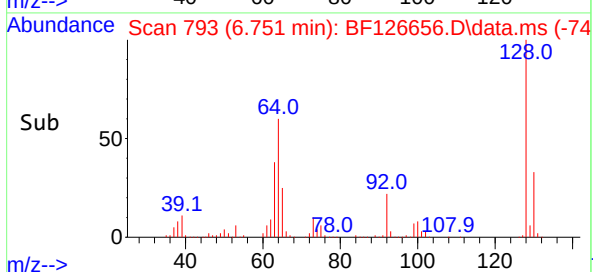
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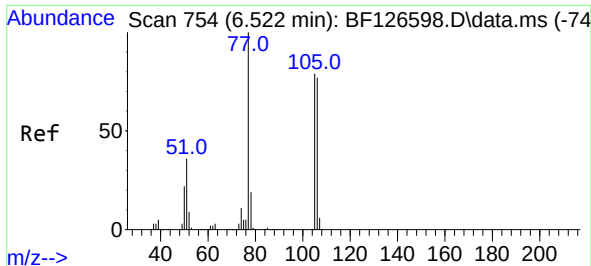


#8
2-Chlorophenol
Concen: 43.916 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF126656.D
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Tgt Ion:128 Resp: 362223
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 60.1 35.6 75.6





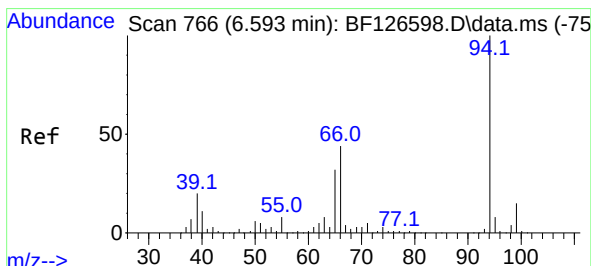
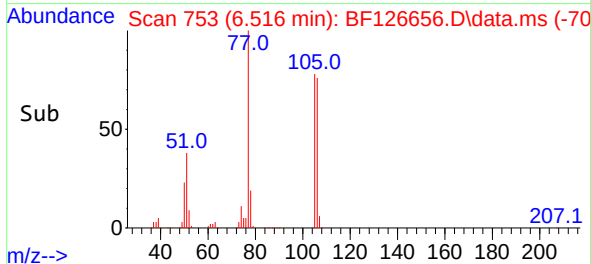
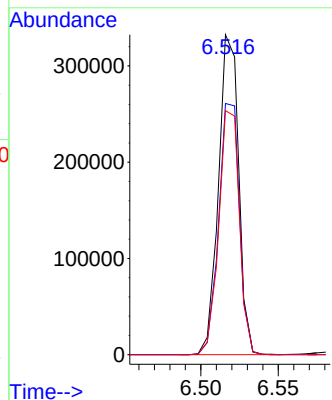
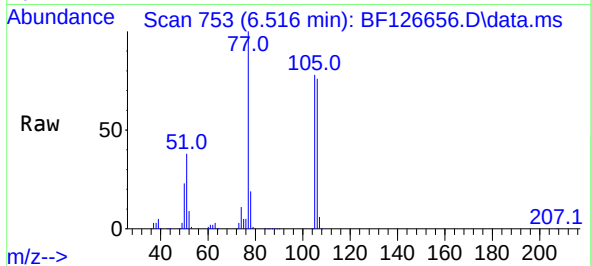
#9
Benzaldehyde
Concen: 38.407 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 30024
Ion Ratio Lower Upper
77 100
105 78.5 74.9 114.9
106 76.2 72.4 112.4

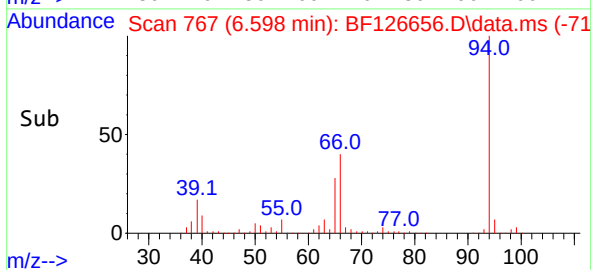
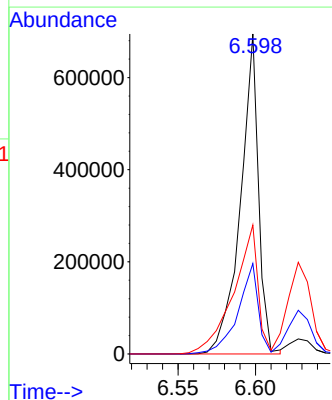
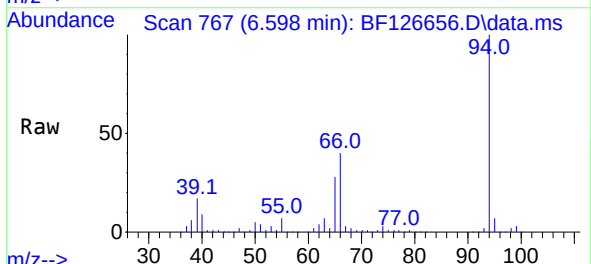
Manual Integrations
APPROVED

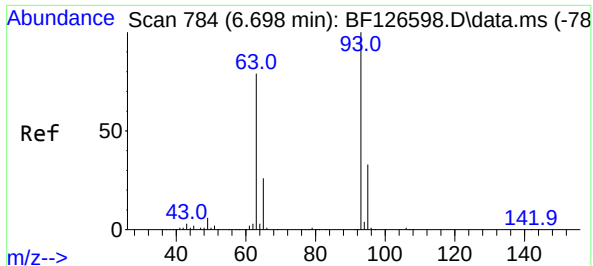
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#10
Phenol
Concen: 42.325 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion: 94 Resp: 562451
Ion Ratio Lower Upper
94 100
65 28.2 7.2 47.2
66 40.3 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 42.853 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

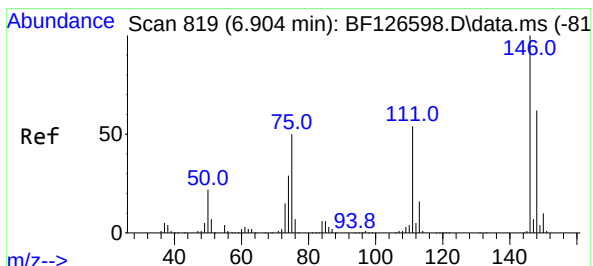
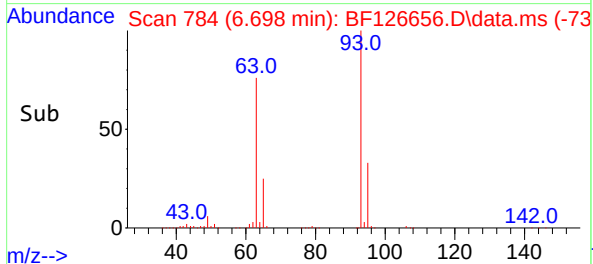
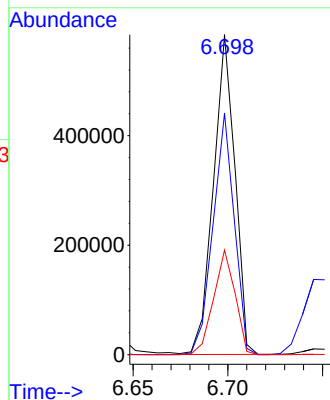
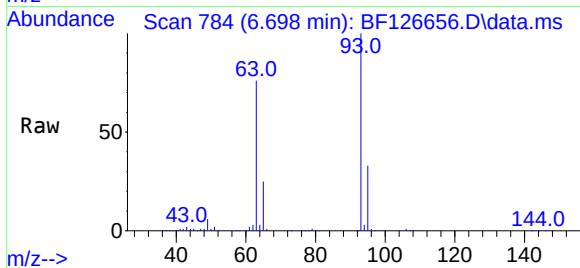
PB142212BS

Tgt Ion: 93 Resp: 462109
Ion Ratio Lower Upper
93 100
63 75.5 60.5 100.5
95 32.7 12.9 52.9

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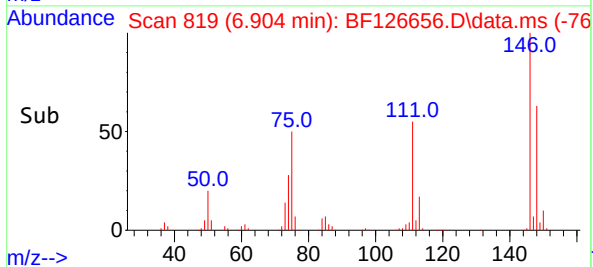
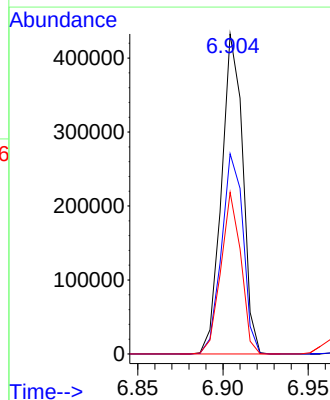
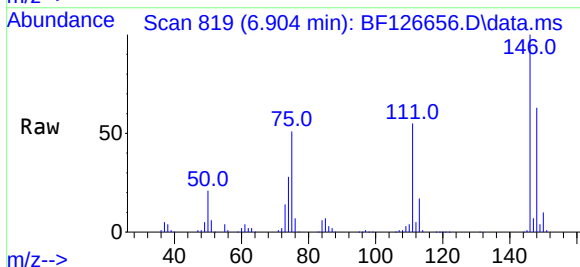
APPROVED

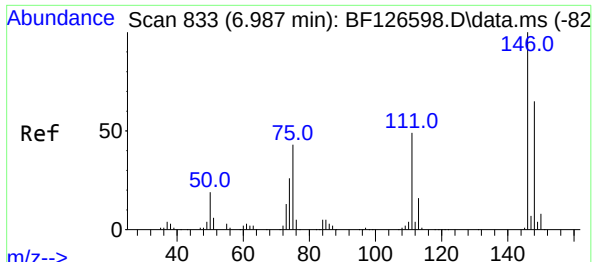
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#12
1,3-Dichlorobenzene
Concen: 40.948 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

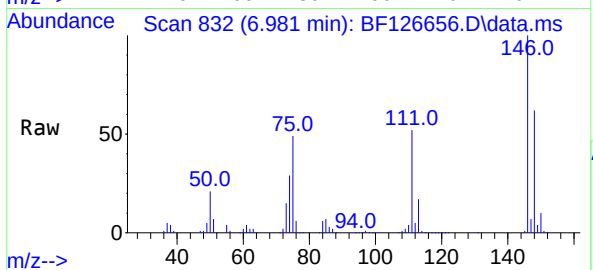
Tgt Ion:146 Resp: 374947
Ion Ratio Lower Upper
146 100
148 62.5 50.9 76.3
75 50.5 28.4 42.6#





#13
1,4-Dichlorobenzene
Concen: 42.307 ng
RT: 6.981 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

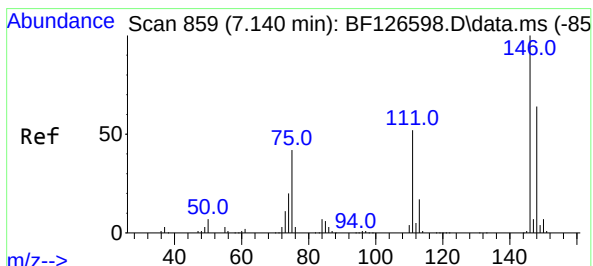
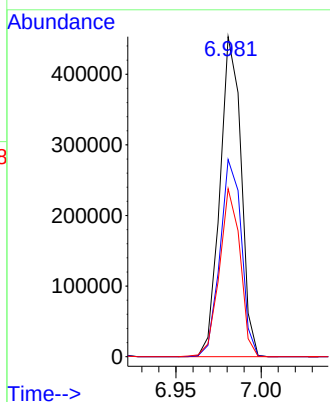
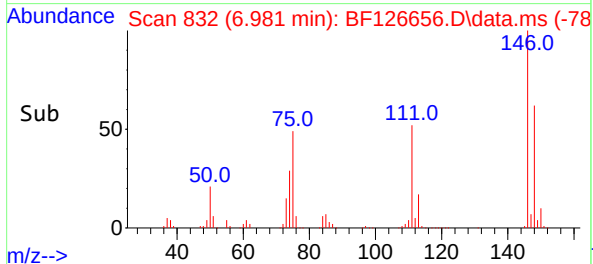
Instrument :
BNA_F
ClientSampleId :
PB142212BS



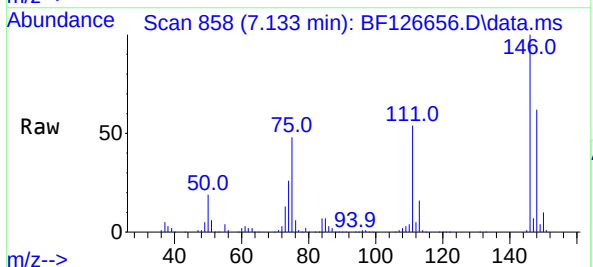
Tgt Ion:146 Resp: 391197
Ion Ratio Lower Upper
146 100
148 61.6 49.8 74.6
111 52.5 36.1 54.1

Manual Integrations
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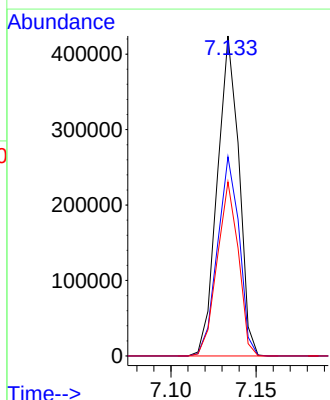
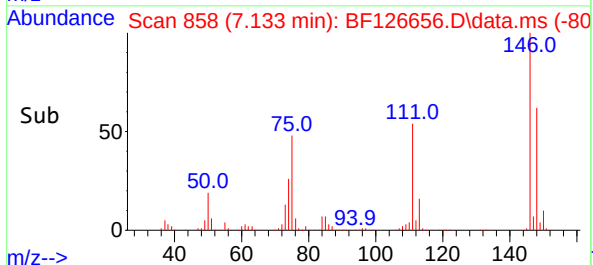
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

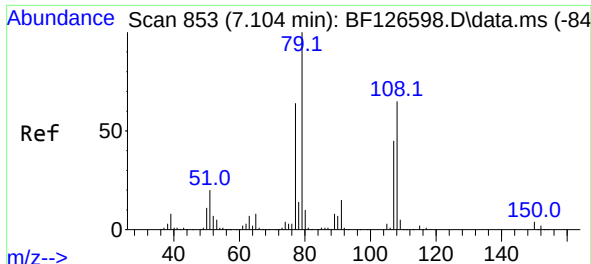


#14
1,2-Dichlorobenzene
Concen: 42.942 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:146 Resp: 374337
Ion Ratio Lower Upper
146 100
148 62.3 51.6 77.4
111 54.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 40.828 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

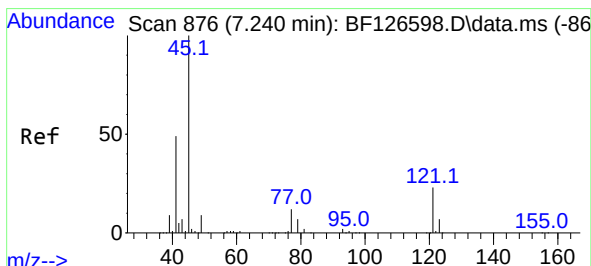
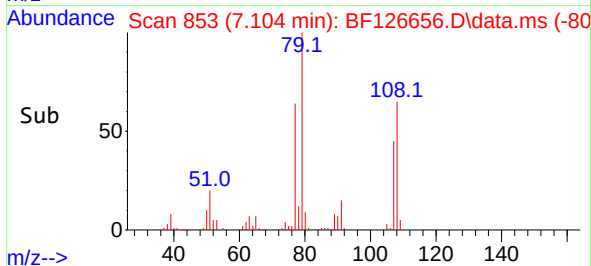
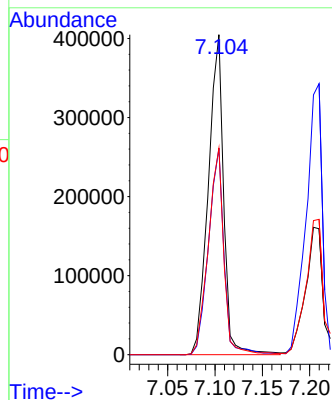
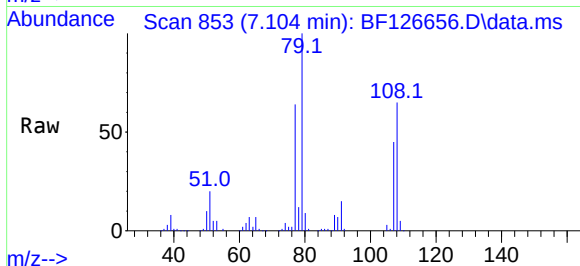
ClientSampleId :

PB142212BS

Tgt Ion: 79 Resp: 45478
Ion Ratio Lower Upper
79 100
108 64.5 63.2 94.8
77 64.5 49.4 74.2

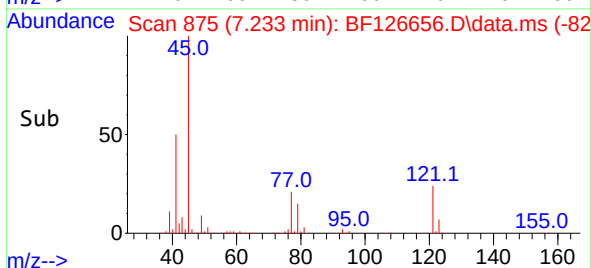
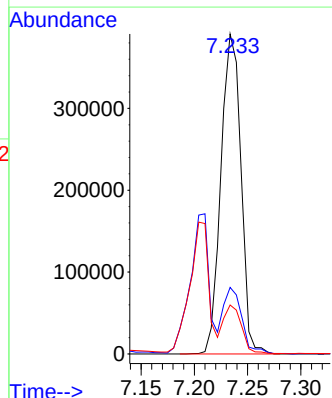
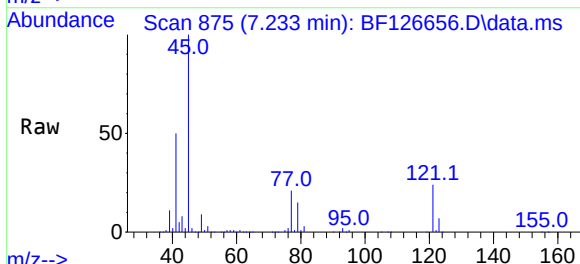
Manual Integrations
APPROVED

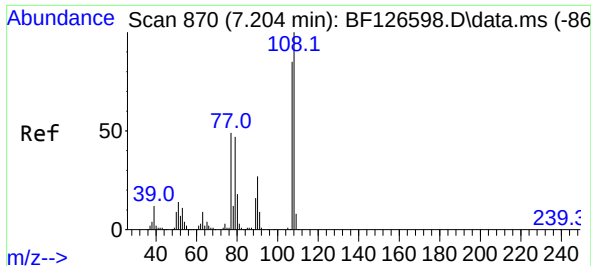
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.405 ng
RT: 7.233 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

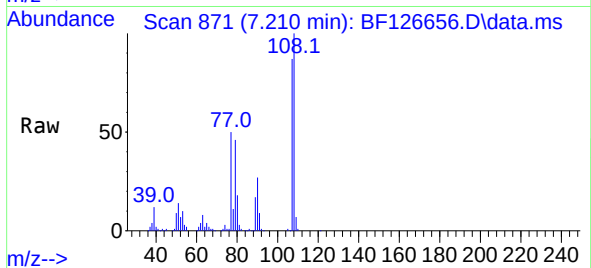
Tgt Ion: 45 Resp: 509403
Ion Ratio Lower Upper
45 100
77 20.8 0.0 32.4
79 15.3 0.0 29.8





#17
2-Methylphenol
Concen: 42.825 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

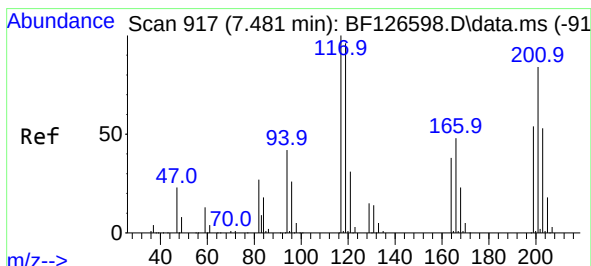
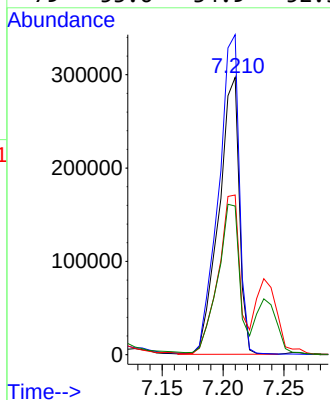
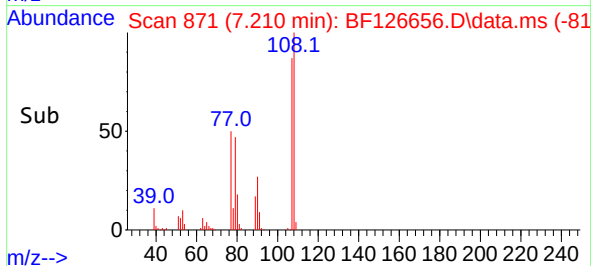
Instrument :
BNA_F
ClientSampleId :
PB142212BS



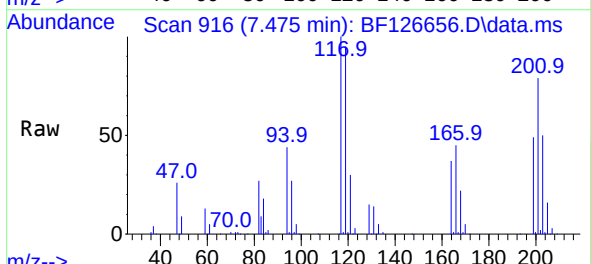
Tgt Ion:107 Resp: 34727
Ion Ratio Lower Upper
107 100
108 115.4 93.4 140.0
77 57.6 36.1 54.1
79 53.6 34.9 52.3

Manual Integrations
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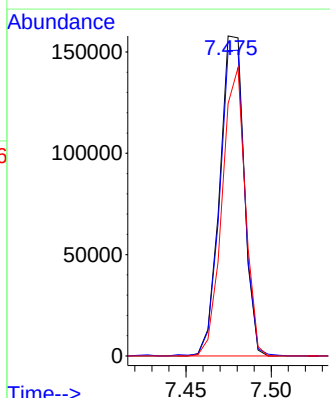
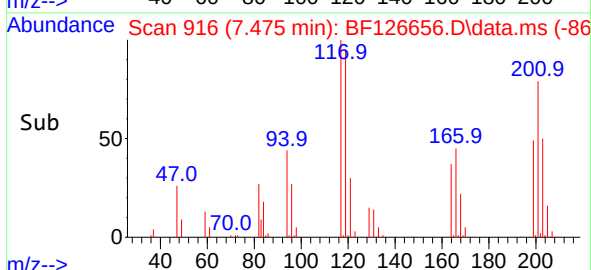
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

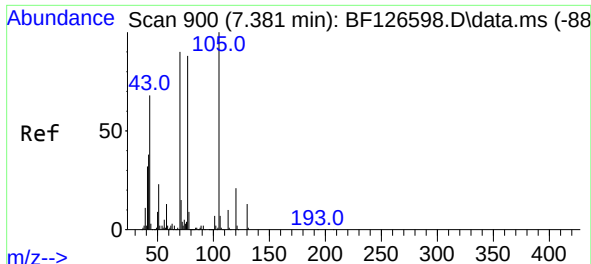


#18
Hexachloroethane
Concen: 42.187 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



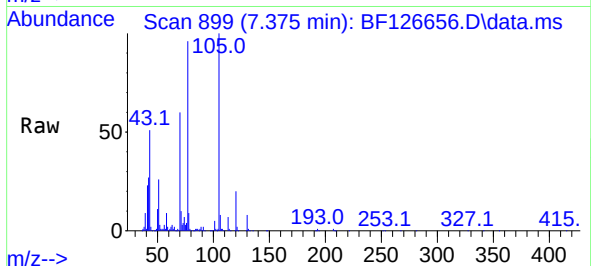
Tgt Ion:117 Resp: 157506
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
201 78.9 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.620 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

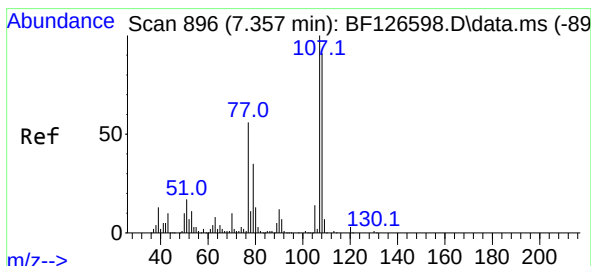
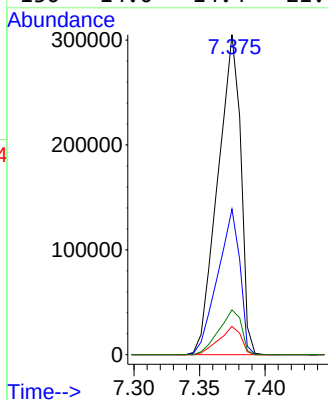
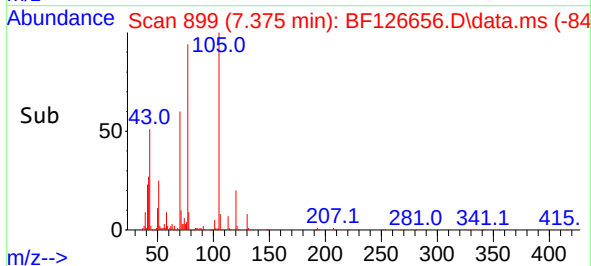
Instrument :
BNA_F
ClientSampleId :
PB142212BS



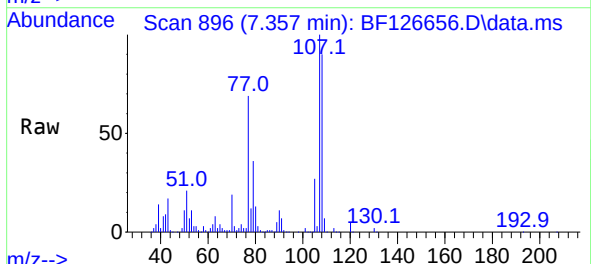
Tgt Ion: 70 Resp: 370410
Ion Ratio Lower Upper
70 100
42 45.5 45.8 68.8
101 8.9 6.9 10.3
130 14.0 14.4 21.6#

Manual Integrations
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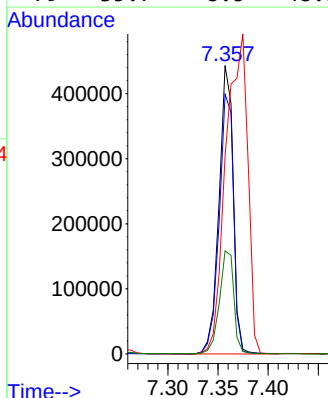
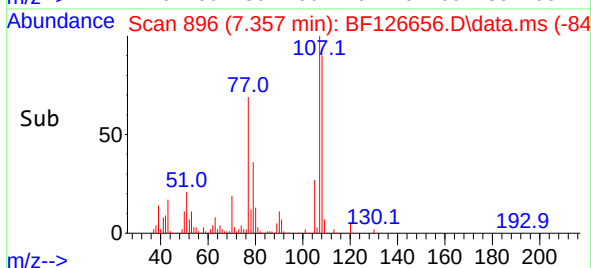
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

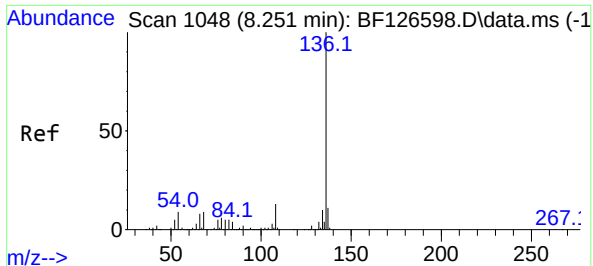


#20
3+4-Methylphenols
Concen: 41.441 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



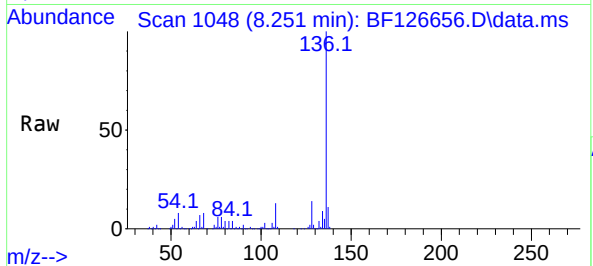
Tgt Ion:107 Resp: 435737
Ion Ratio Lower Upper
107 100
108 90.1 72.4 112.4
77 68.6 83.8 123.8#
79 35.7 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB142212BS

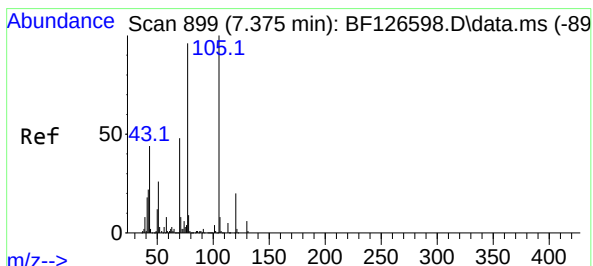
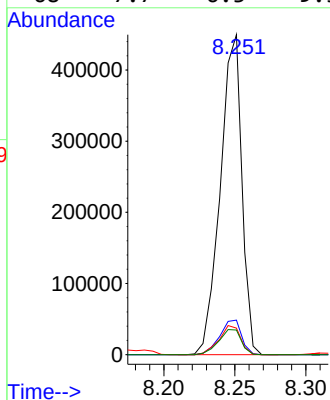
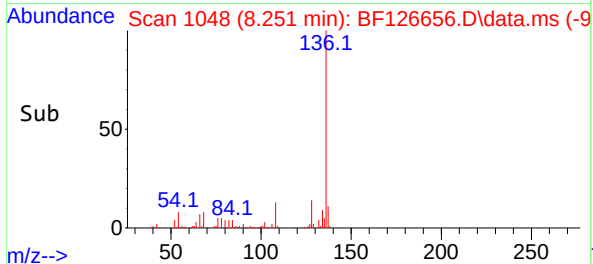


Tgt Ion:136 Resp: 474444

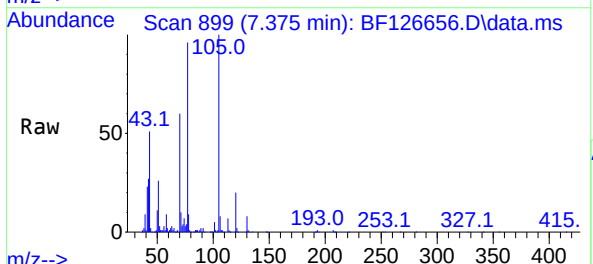
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	7.8	11.6
68	7.7	6.3	9.5

Manual Integrations
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Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

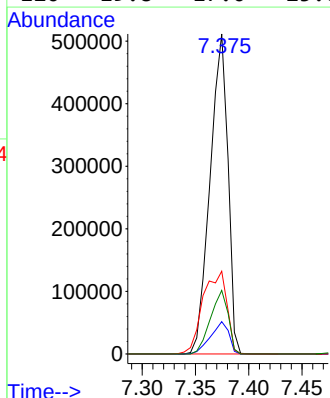
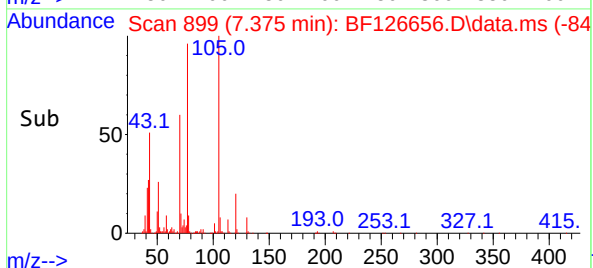


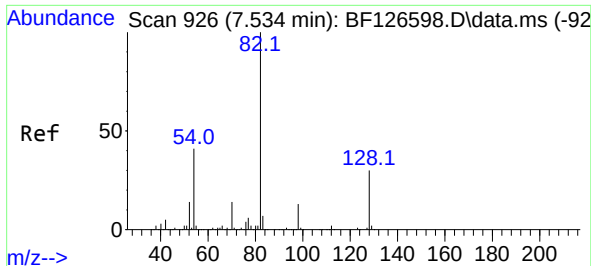
#22
Acetophenone
Concen: 40.698 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:105 Resp: 595055

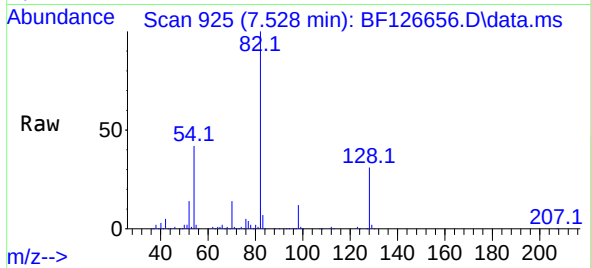
Ion	Ratio	Lower	Upper
105	100		
71	10.1	5.4	8.0#
51	25.8	27.4	41.0#
120	19.8	17.0	25.6





#23
Nitrobenzene-d5
Concen: 84.288 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

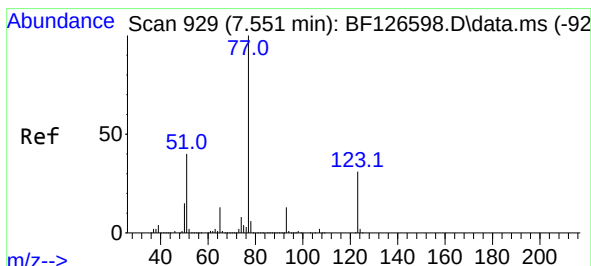
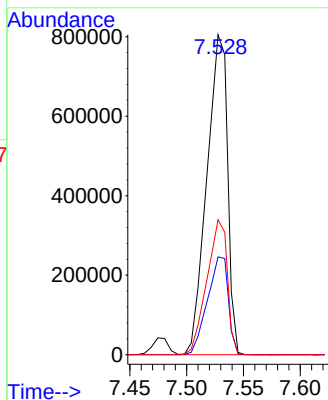
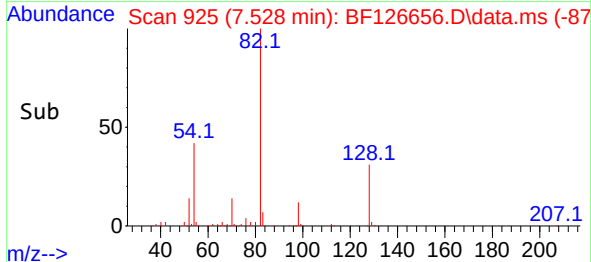
Instrument :
BNA_F
ClientSampleId :
PB142212BS



Tgt Ion: 82 Resp: 1021688
Ion Ratio Lower Upper
82 100
128 30.6 32.7 49.1
54 42.2 41.7 62.5

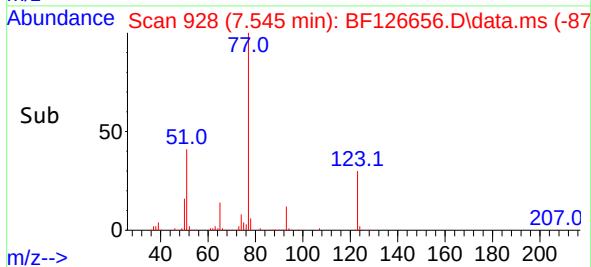
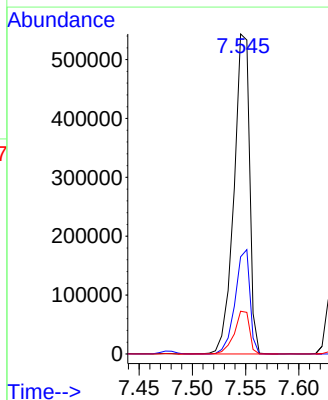
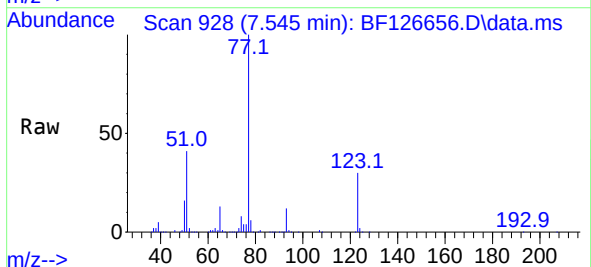
Manual Integrations
APPROVED

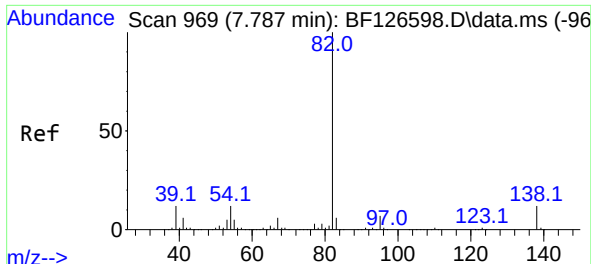
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#24
Nitrobenzene
Concen: 44.475 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion: 77 Resp: 556525
Ion Ratio Lower Upper
77 100
123 30.3 34.6 52.0
65 13.4 10.6 15.8





#25
Isophorone
Concen: 41.316 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

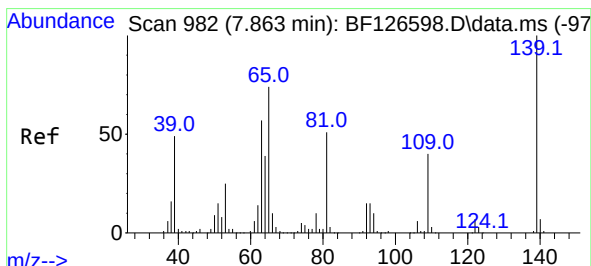
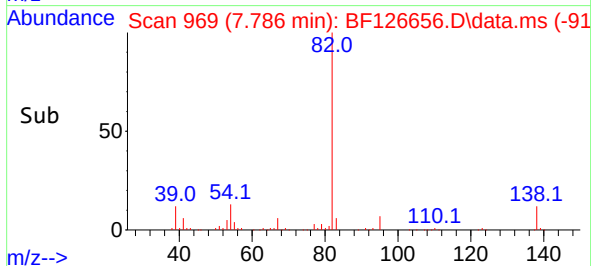
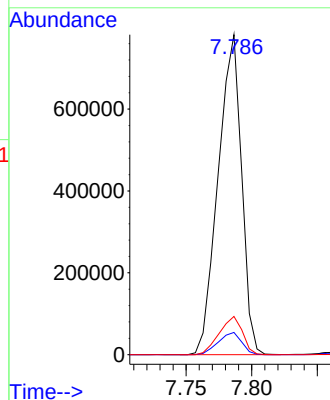
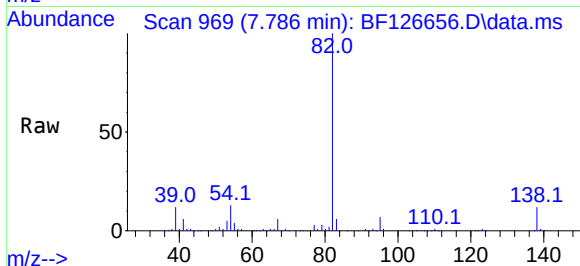
PB142212BS

Tgt Ion: 82 Resp: 97123
Ion Ratio Lower Upper
82 100
95 7.0 5.0 7.4
138 11.9 12.3 18.5

Manual Integrations

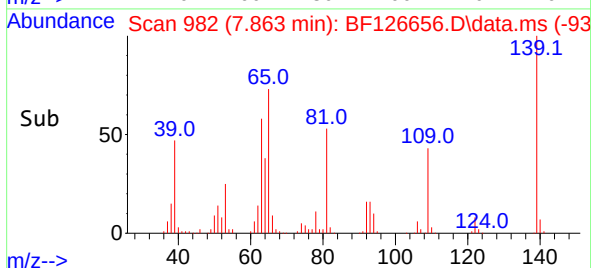
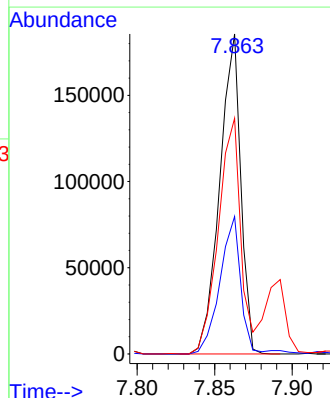
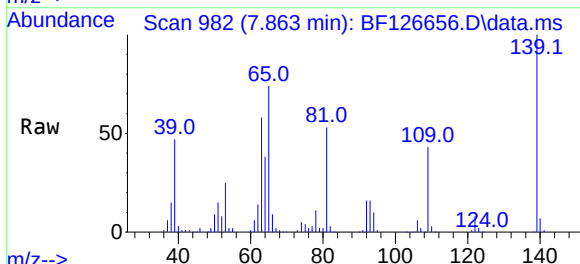
APPROVED

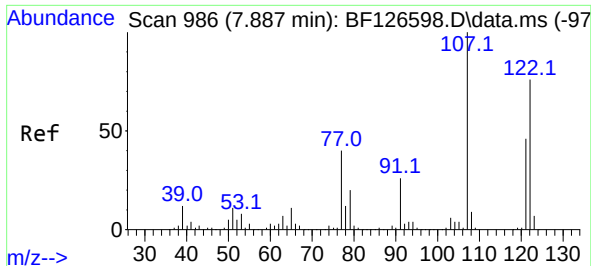
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#26
2-Nitrophenol
Concen: 53.726 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:139 Resp: 175374
Ion Ratio Lower Upper
139 100
109 42.9 20.0 30.0#
65 73.7 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 45.098 ng

RT: 7.892 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

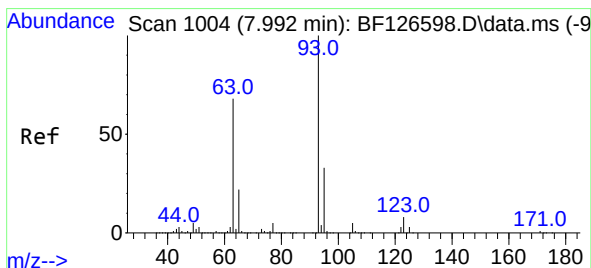
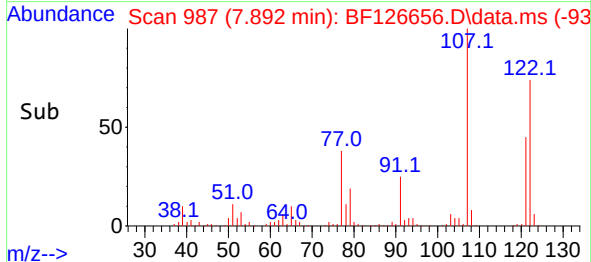
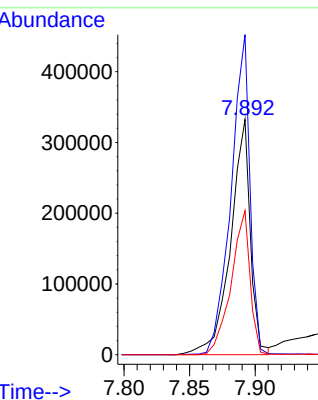
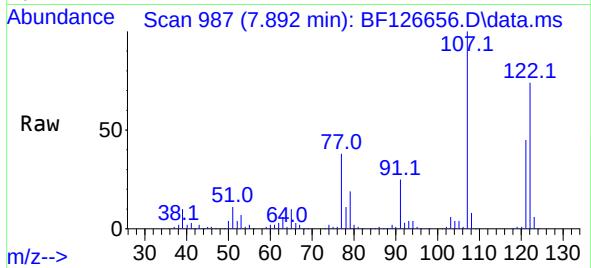
PB142212BS

Tgt Ion:122 Resp: 34934
 Ion Ratio Lower Upper
 122 100
 107 136.1 91.2 136.8
 121 61.3 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.758 ng

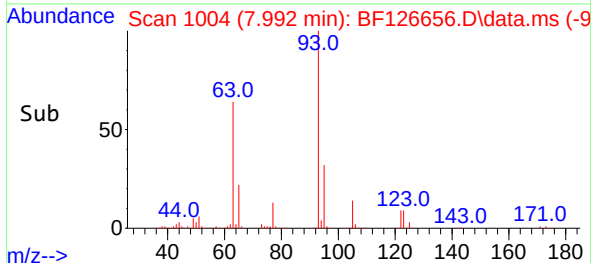
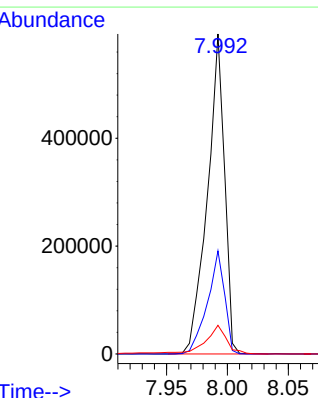
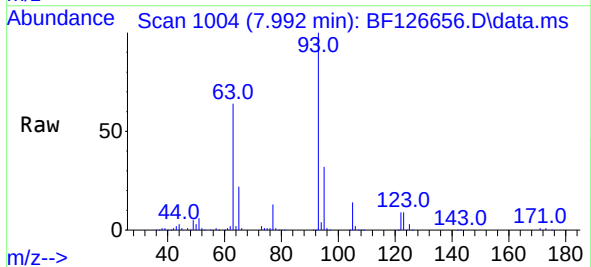
RT: 7.992 min Scan# 1004

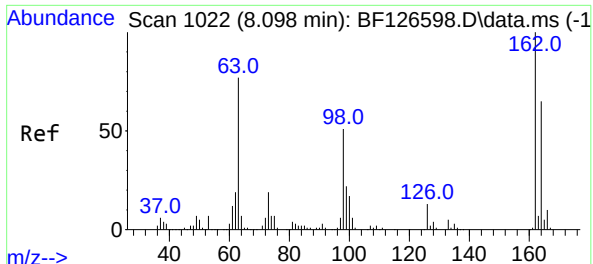
Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Tgt Ion: 93 Resp: 582903
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.4 38.2
 123 9.0 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 42.283 ng

RT: 8.098 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

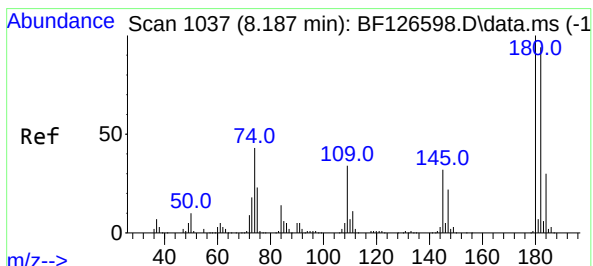
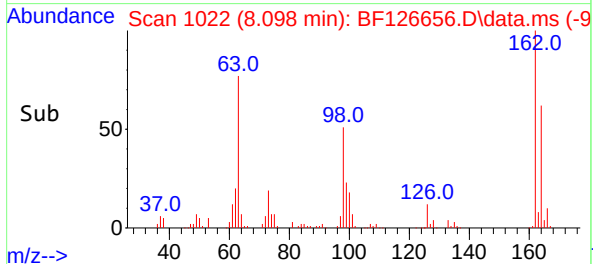
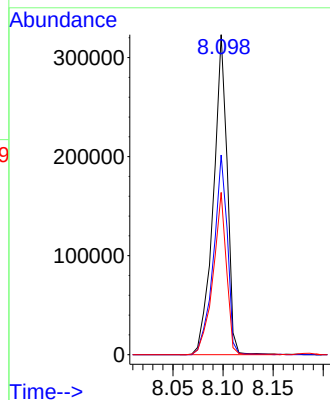
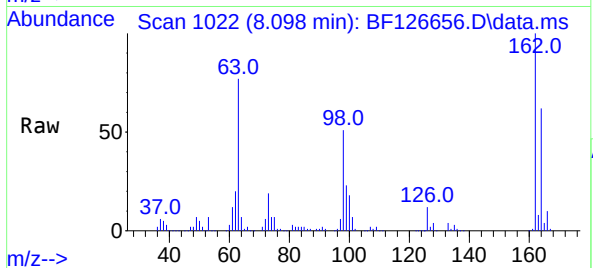
Tgt Ion:162 Resp: 310690

Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.8	83.8
98	50.7	23.6	63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.831 ng

RT: 8.186 min Scan# 1037

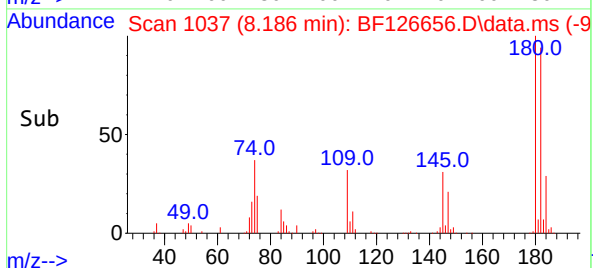
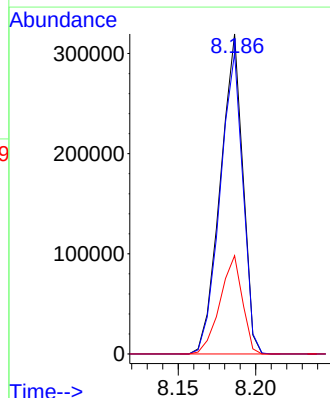
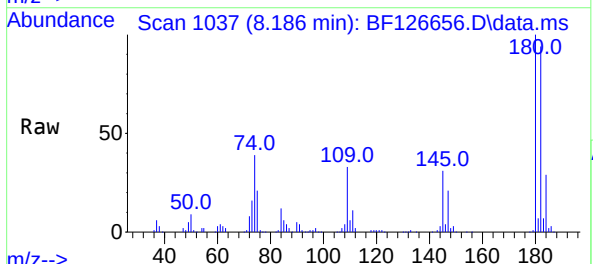
Delta R.T. -0.000 min

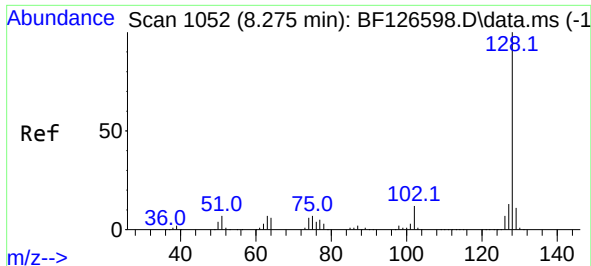
Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Tgt Ion:180 Resp: 321750

Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.5	113.3
145	30.7	26.2	39.2





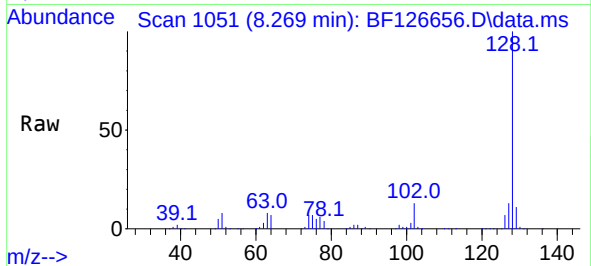
#31
Naphthalene
Concen: 41.234 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

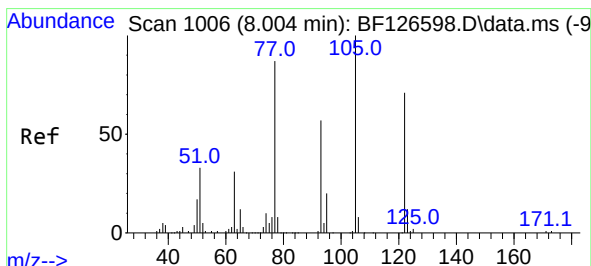
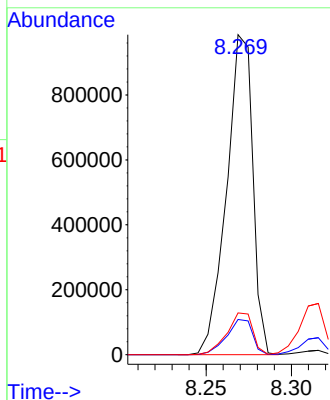
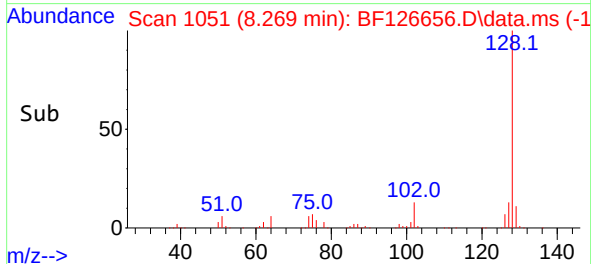


Tgt Ion:128 Resp: 1056840
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5

Manual Integrations

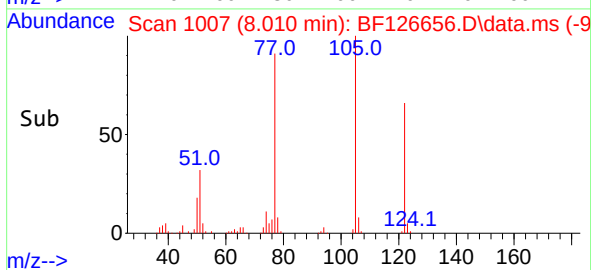
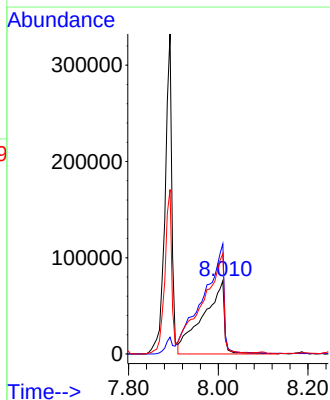
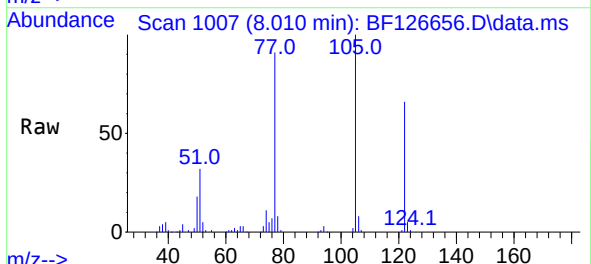
APPROVED

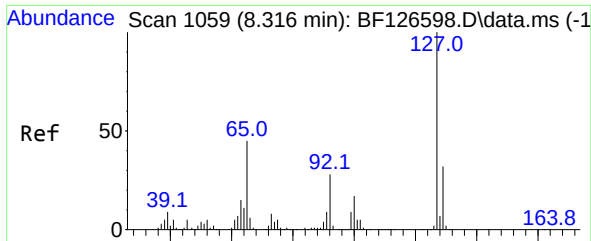
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#32
Benzoic acid
Concen: 57.471 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:122 Resp: 252542
Ion Ratio Lower Upper
122 100
105 150.4 101.0 141.0#
77 137.1 74.5 114.5#





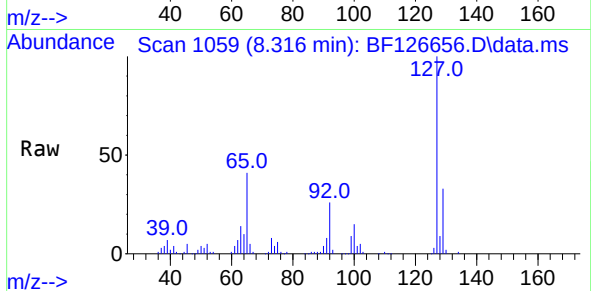
#33
4-Chloroaniline
Concen: 16.612 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

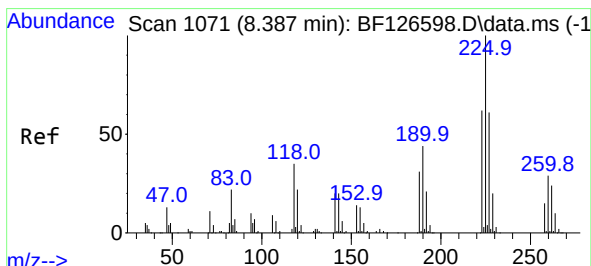
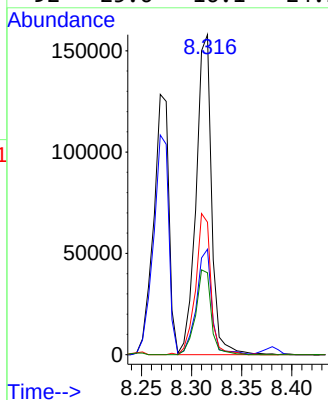
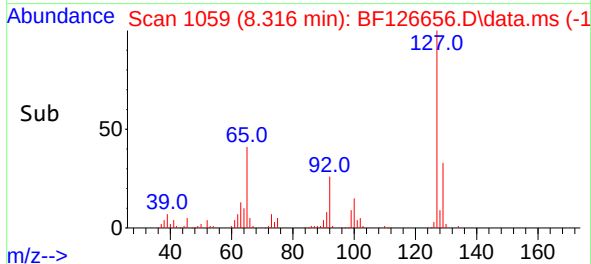


Tgt Ion:127 Resp: 170111
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 41.4 26.6 39.8
92 25.6 16.1 24.1#

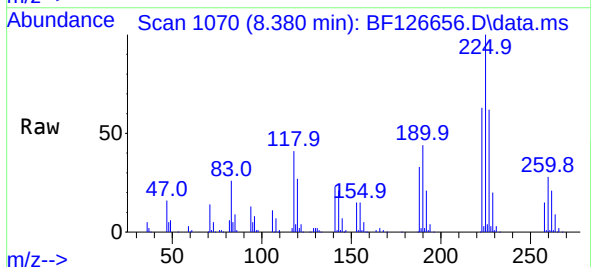
Manual Integrations

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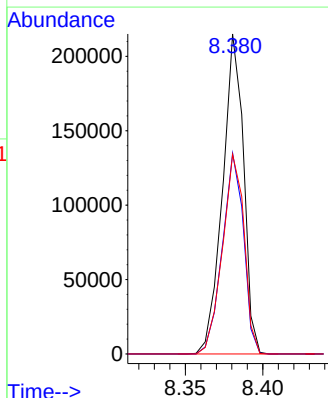
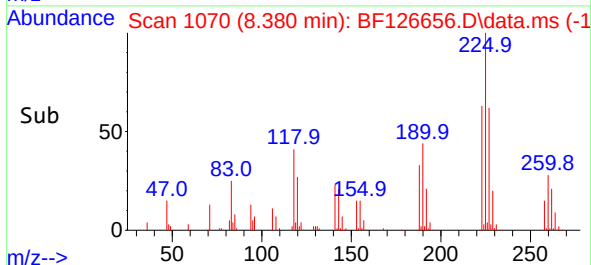
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

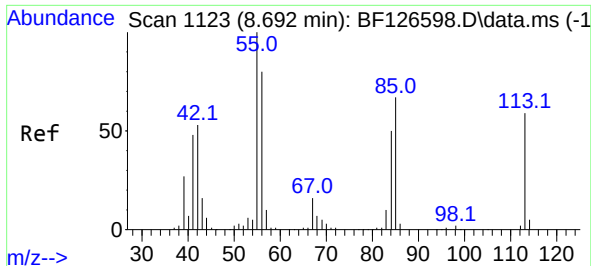


#34
Hexachlorobutadiene
Concen: 40.388 ng
RT: 8.380 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



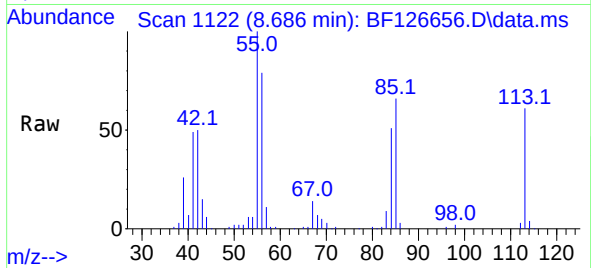
Tgt Ion:225 Resp: 202445
Ion Ratio Lower Upper
225 100
223 62.8 48.6 73.0
227 62.4 51.4 77.0





#35
Caprolactam
Concen: 43.604 ng m
RT: 8.686 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

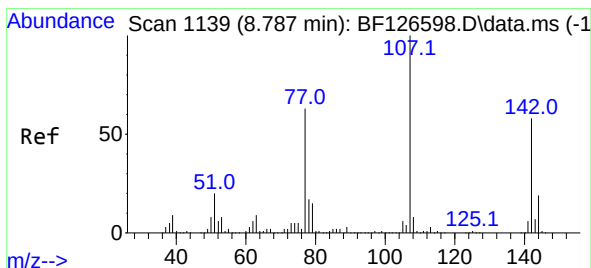
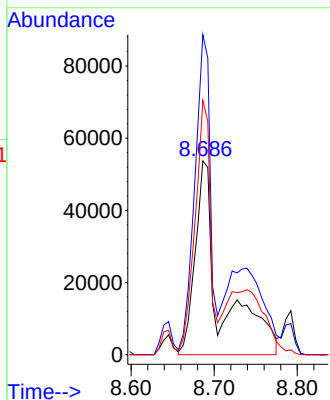
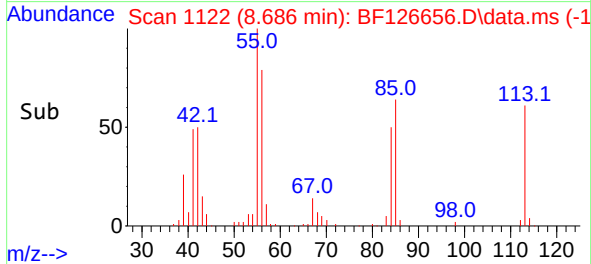
Instrument :
BNA_F
ClientSampleId :
PB142212BS



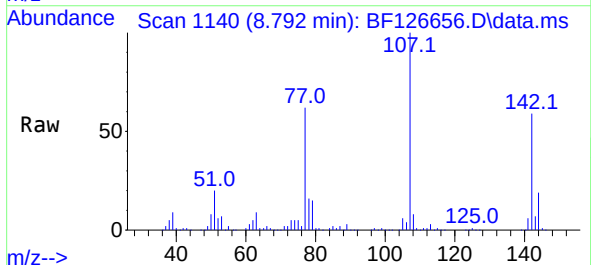
Tgt Ion:113 Resp: 114420
Ion Ratio Lower Upper
113 100
55 165.0 183.9 223.9
56 131.0 129.9 169.9

Manual Integrations
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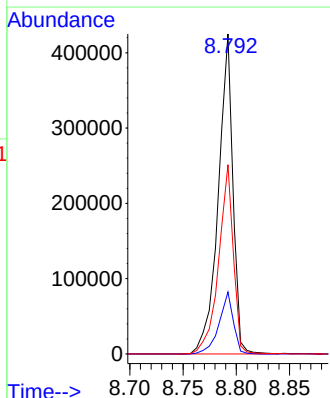
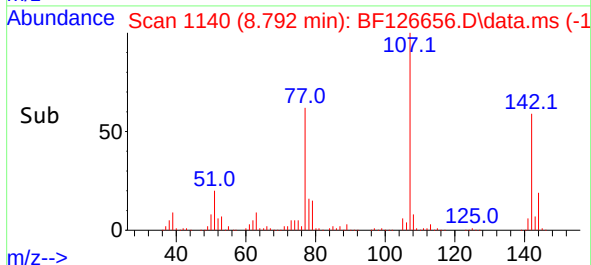
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

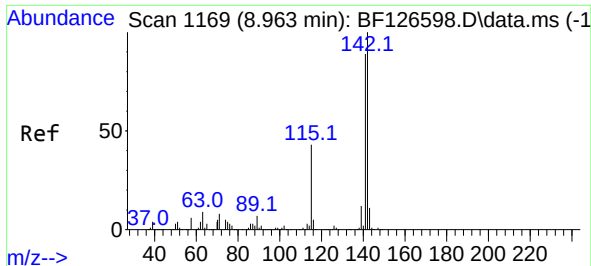


#36
4-Chloro-3-methylphenol
Concen: 42.365 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:107 Resp: 407093
Ion Ratio Lower Upper
107 100
144 19.3 18.5 27.7
142 59.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 43.237 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

Tgt Ion:142 Resp: 68919

Ion Ratio Lower Upper

142 100

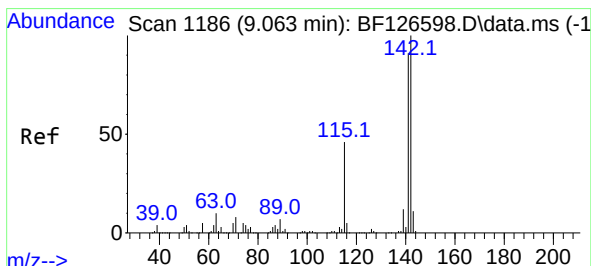
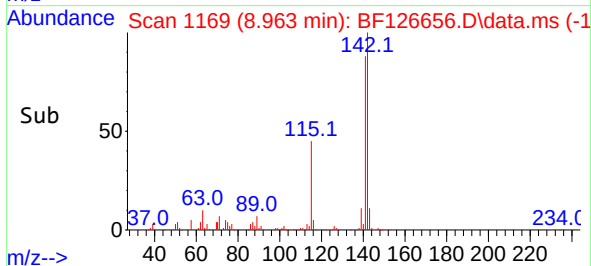
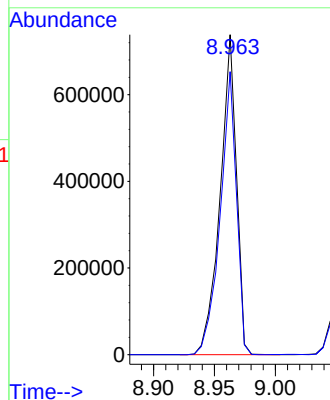
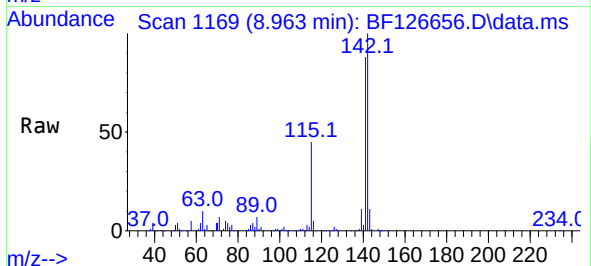
141 88.5 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/26/2022

Supervised By :Jagrut Upadhyay 01/26/2022



#38

1-Methylnaphthalene

Concen: 40.863 ng

RT: 9.063 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF126656.D

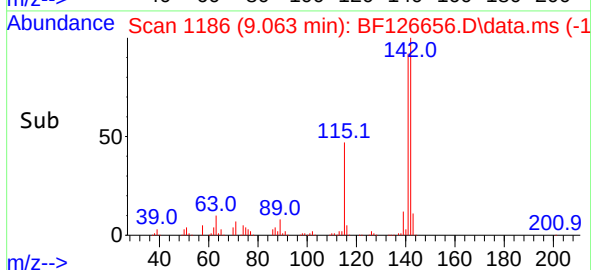
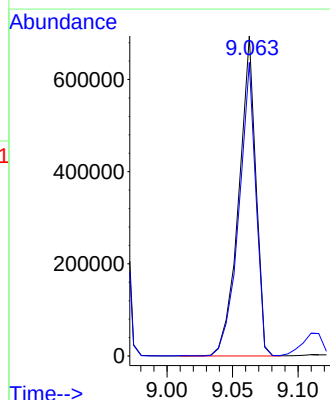
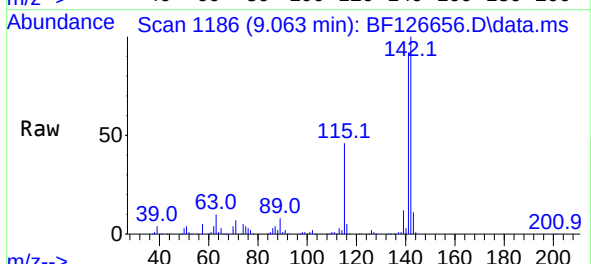
Acq: 25 Jan 2022 11:35

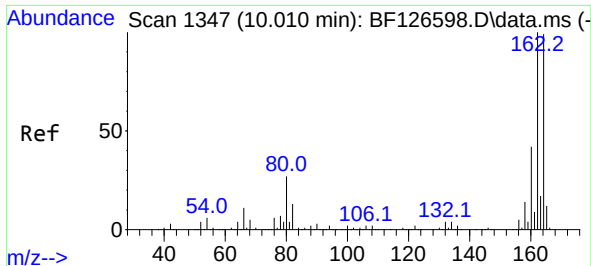
Tgt Ion:142 Resp: 631314

Ion Ratio Lower Upper

142 100

141 91.7 72.1 108.1





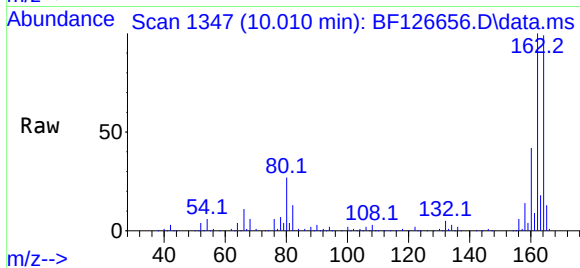
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

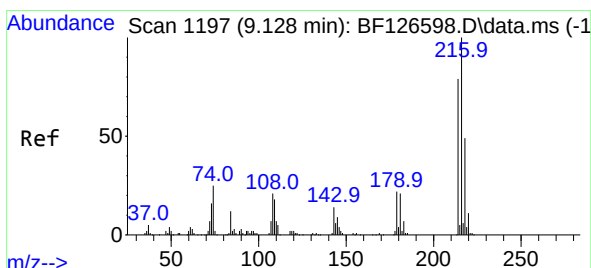
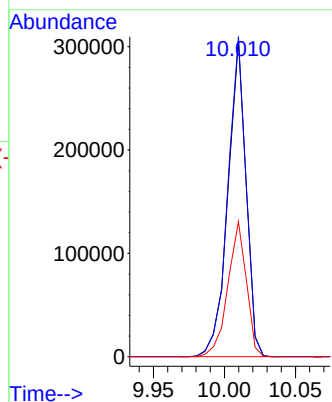
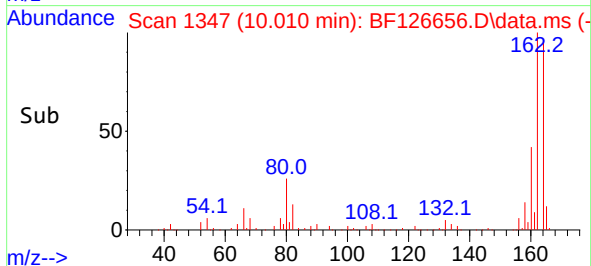


Tgt Ion:164 Resp: 271070
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 42.7 36.6 54.8

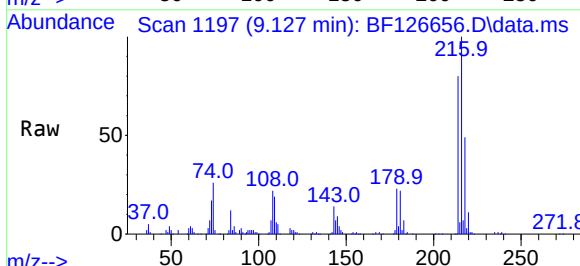
Manual Integrations

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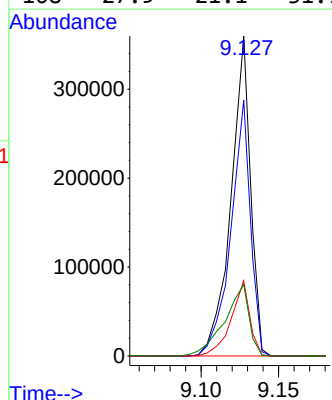
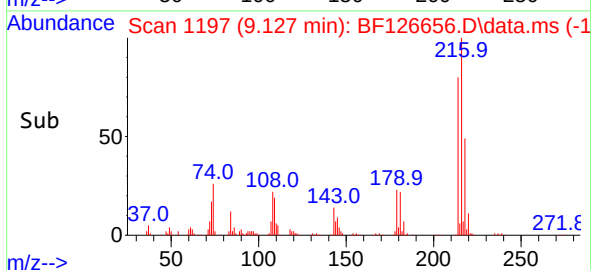
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

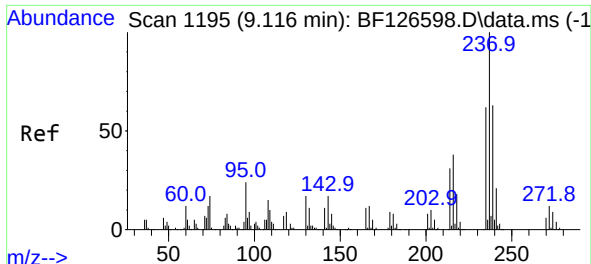


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.650 ng
RT: 9.127 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:216 Resp: 316670
Ion Ratio Lower Upper
216 100
214 79.7 64.6 96.8
179 22.4 19.5 29.3
108 27.9 21.1 31.7





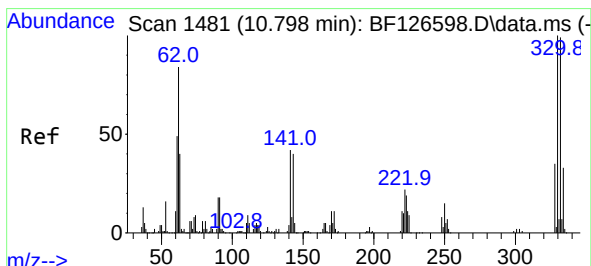
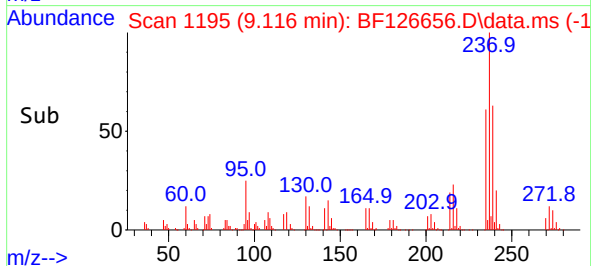
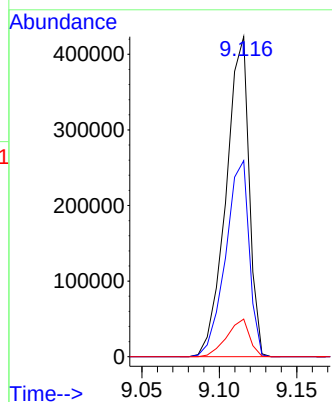
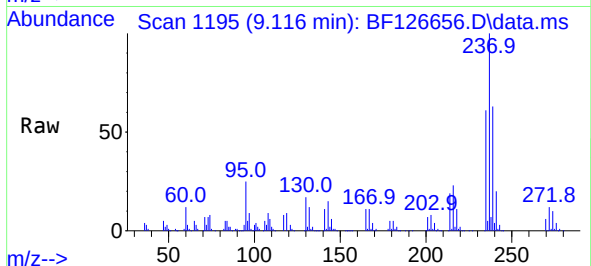
#41
Hexachlorocyclopentadiene
Concen: 94.532 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB142212BS

Tgt Ion:237 Resp: 437597
Ion Ratio Lower Upper
237 100
235 61.2 38.9 78.9
272 11.8 0.0 33.5

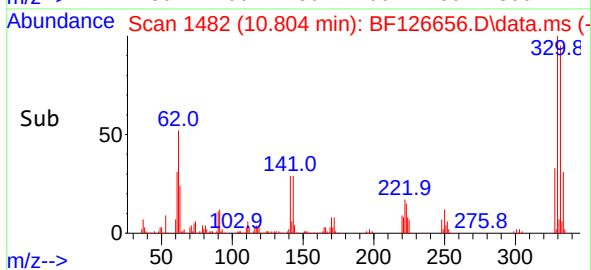
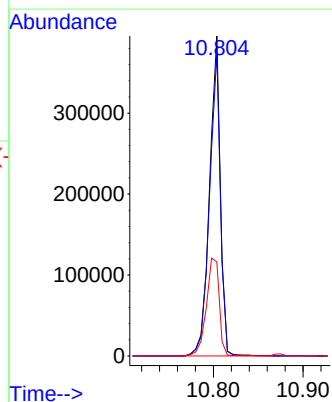
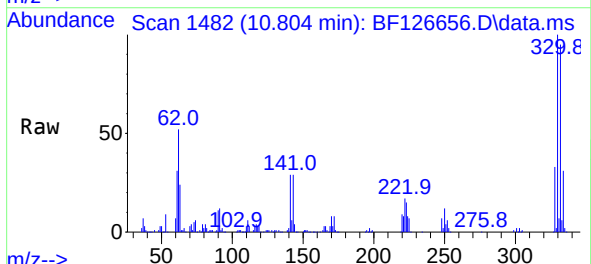
Manual Integrations
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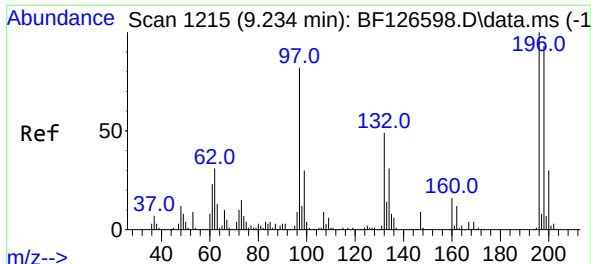
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#42
2,4,6-Tribromophenol
Concen: 130.865 ng
RT: 10.804 min Scan# 1482
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:330 Resp: 331977
Ion Ratio Lower Upper
330 100
332 95.0 76.0 114.0
141 36.5 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 41.597 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

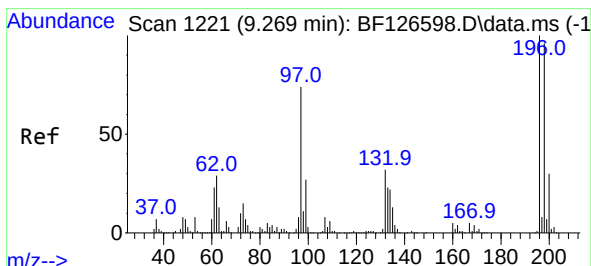
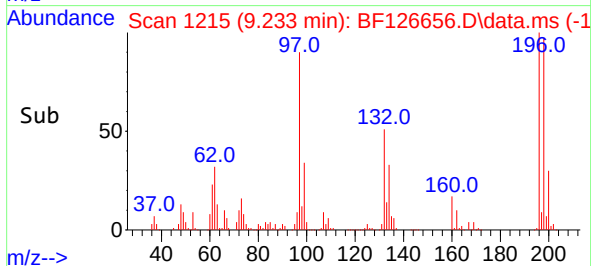
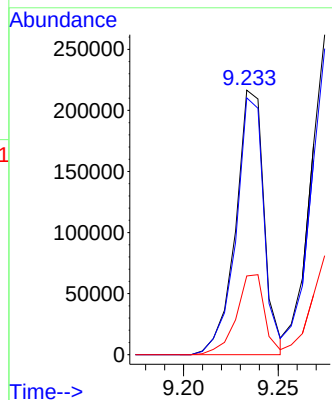
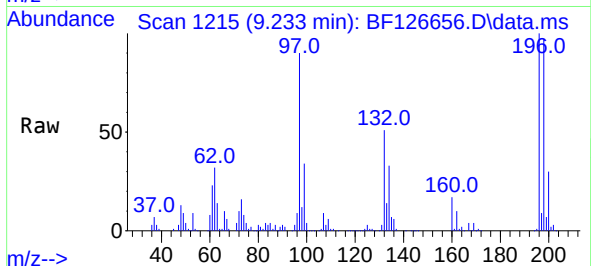
PB142212BS

Tgt Ion:196 Resp: 225458
Ion Ratio Lower Upper
196 100
198 97.1 78.5 117.7
200 29.8 24.9 37.3

Manual Integrations

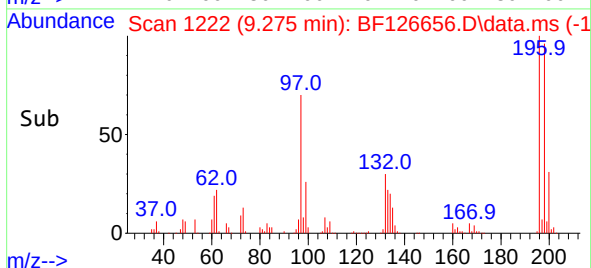
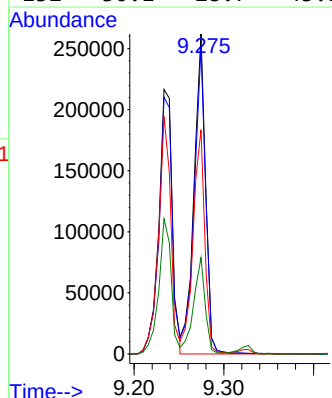
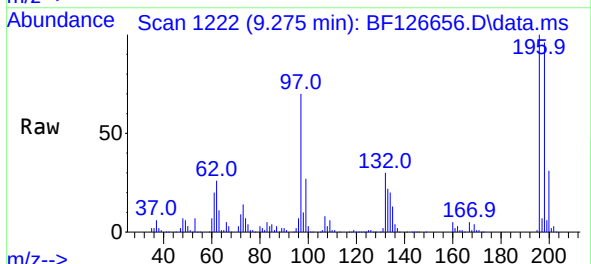
APPROVED

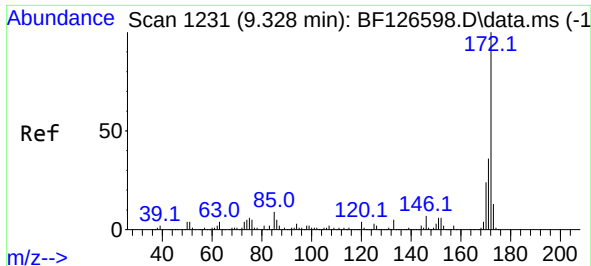
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#44
2,4,5-Trichlorophenol
Concen: 42.007 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:196 Resp: 235803
Ion Ratio Lower Upper
196 100
198 95.7 82.0 123.0
97 70.0 53.5 80.3
132 30.1 28.7 43.1





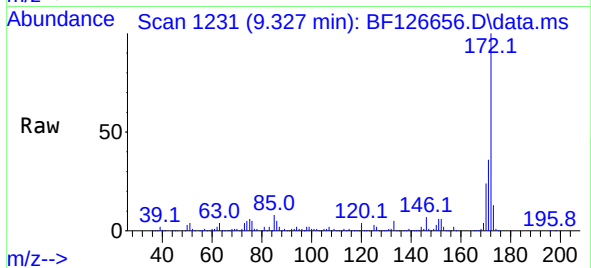
#45
2-Fluorobiphenyl
Concen: 75.402 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

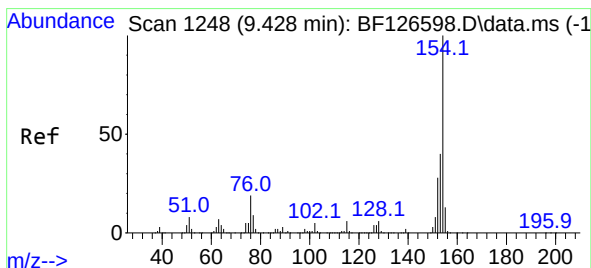
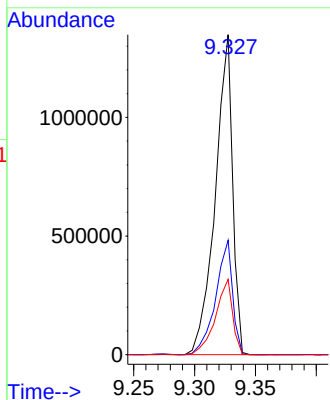
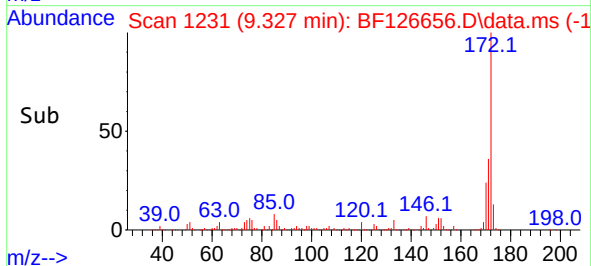


Tgt Ion:172 Resp: 133459
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.0 28.6

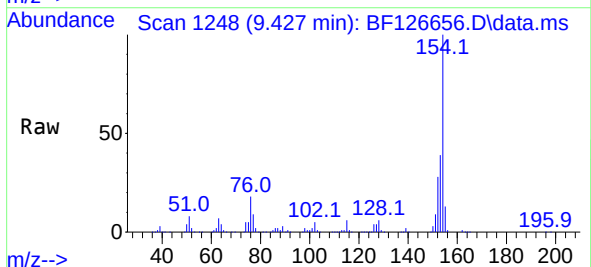
Manual Integrations

APPROVED

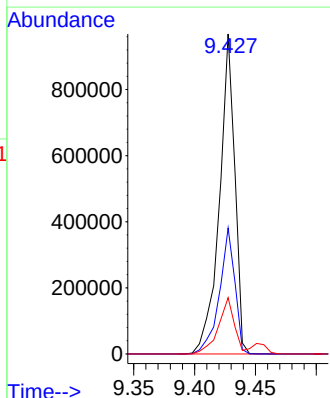
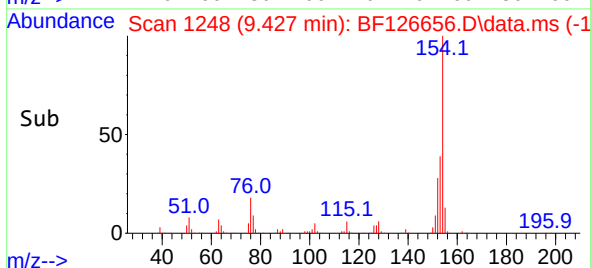
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

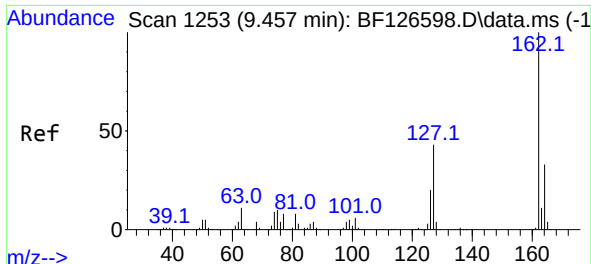


#46
1,1'-Biphenyl
Concen: 41.805 ng
RT: 9.427 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:154 Resp: 853738
Ion Ratio Lower Upper
154 100
153 39.4 19.0 59.0
76 17.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 40.218 ng

RT: 9.457 min Scan# 1253

Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

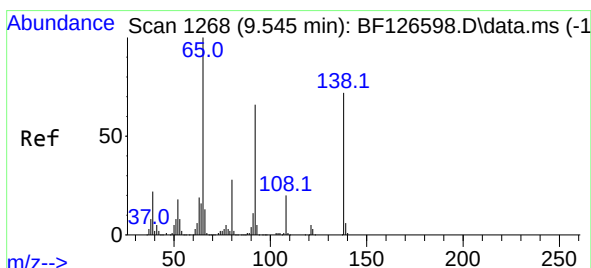
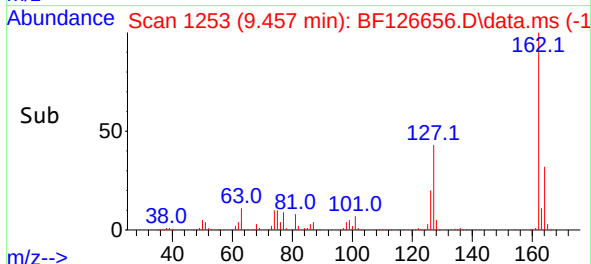
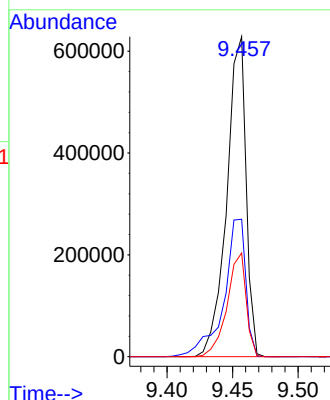
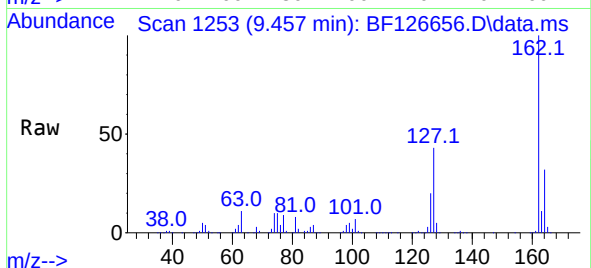
Tgt Ion:162 Resp: 645270

Ion	Ratio	Lower	Upper
162	100		
127	42.9	33.5	50.3
164	32.4	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#48

2-Nitroaniline

Concen: 53.181 ng

RT: 9.545 min Scan# 1268

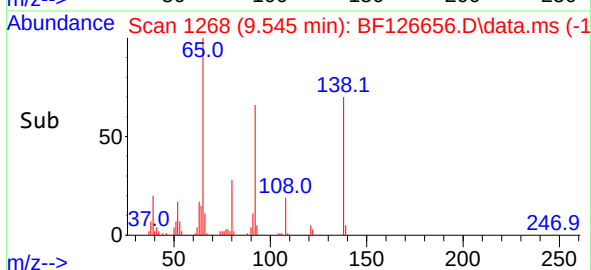
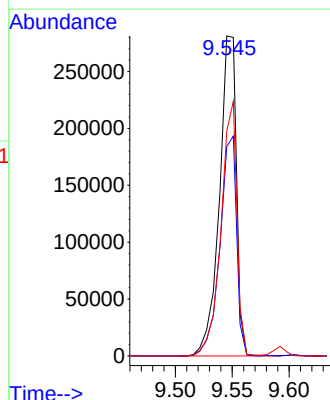
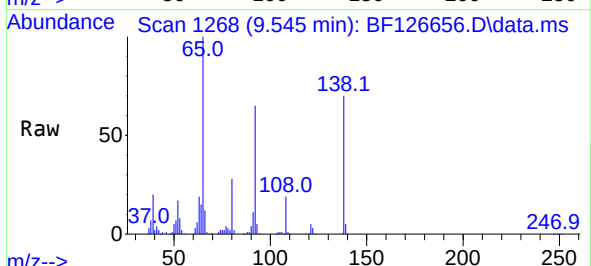
Delta R.T. -0.000 min

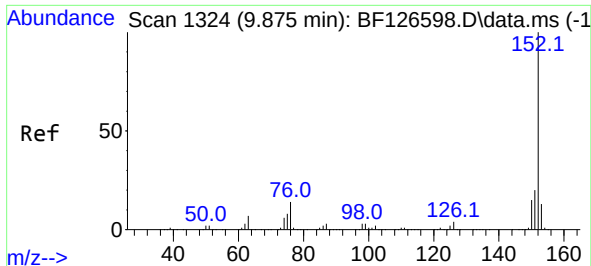
Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Tgt Ion: 65 Resp: 294609

Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.4	81.6
138	70.3	72.5	108.7





#49

Acenaphthylene

Concen: 41.041 ng

RT: 9.874 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF126656.D

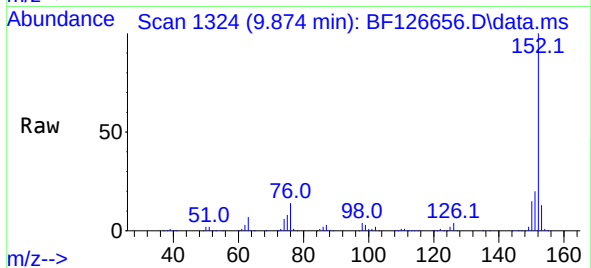
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS



Tgt Ion:152 Resp: 103293

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

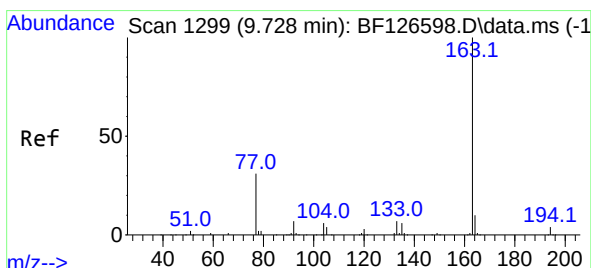
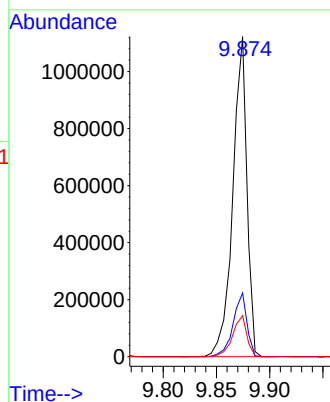
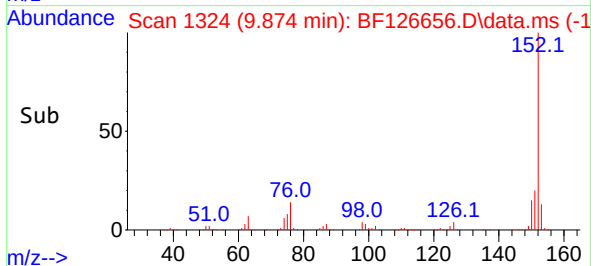
153 12.8 11.4 17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022

Supervised By :Jagrut Upadhyay 01/26/2022



#50

Dimethylphthalate

Concen: 42.043 ng

RT: 9.727 min Scan# 1299

Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

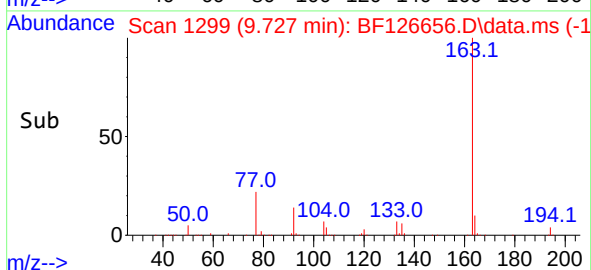
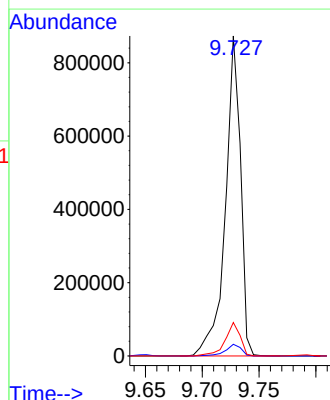
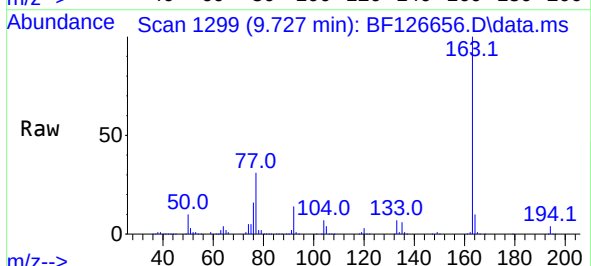
Tgt Ion:163 Resp: 808305

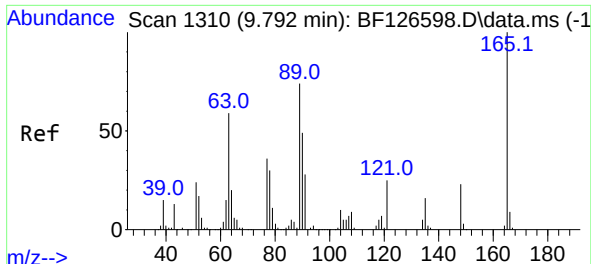
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.4 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.760 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

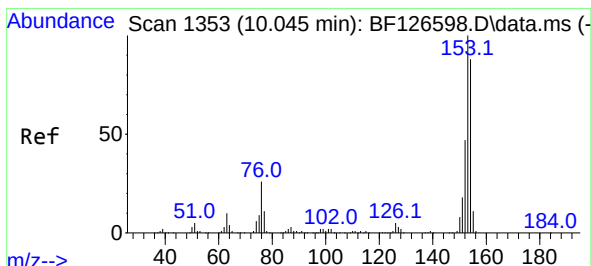
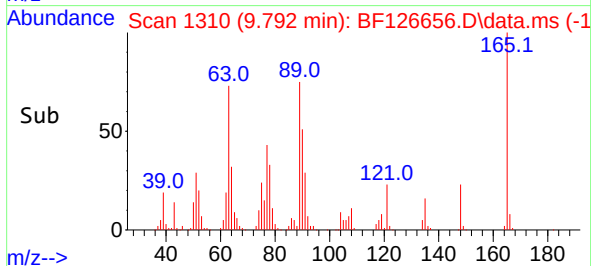
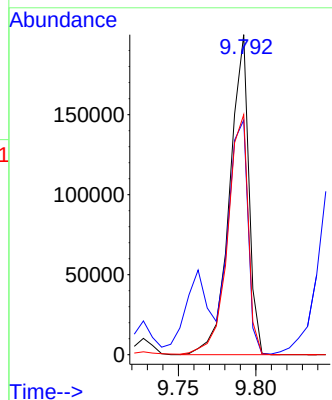
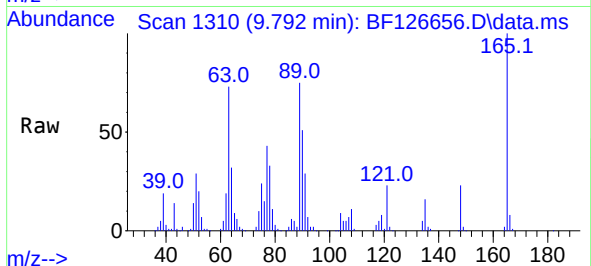
PB142212BS

Tgt Ion:165 Resp: 171958
Ion Ratio Lower Upper
165 100
63 73.3 48.4 72.6
89 75.0 50.5 75.7

Manual Integrations

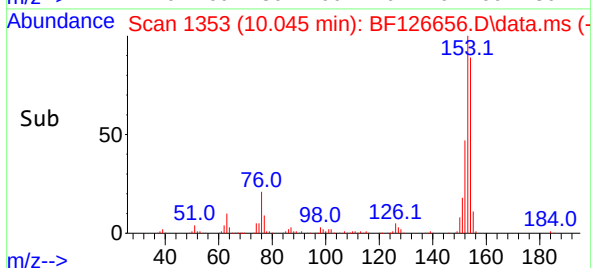
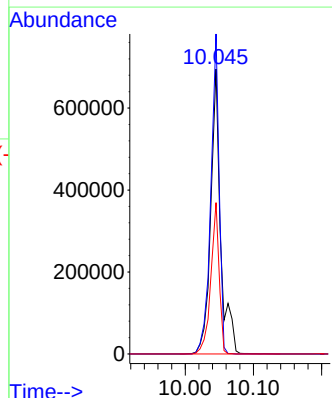
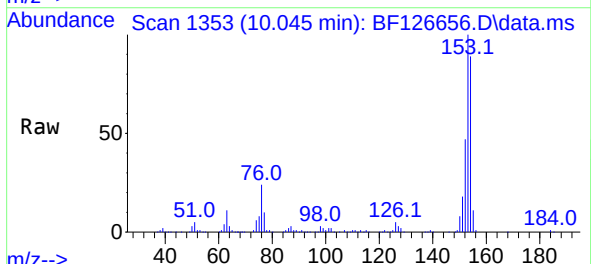
APPROVED

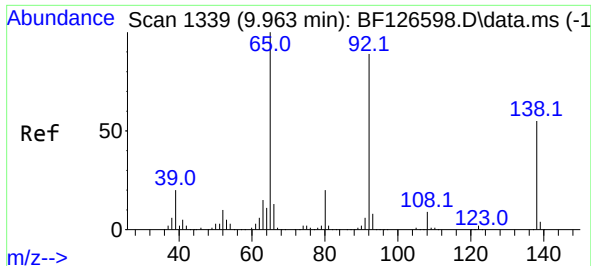
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#52
Acenaphthene
Concen: 45.938 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:154 Resp: 706835
Ion Ratio Lower Upper
154 100
153 112.3 87.8 131.6
152 53.1 39.4 59.2





#53
3-Nitroaniline
Concen: 27.740 ng
RT: 9.957 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

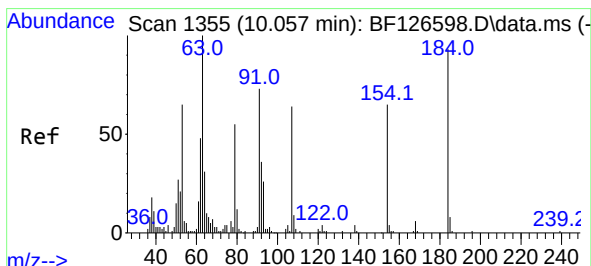
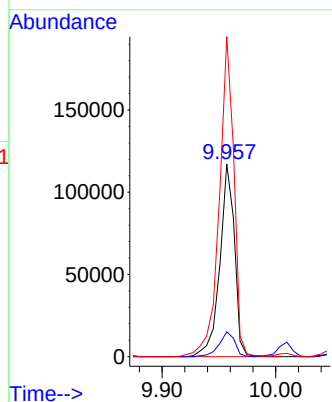
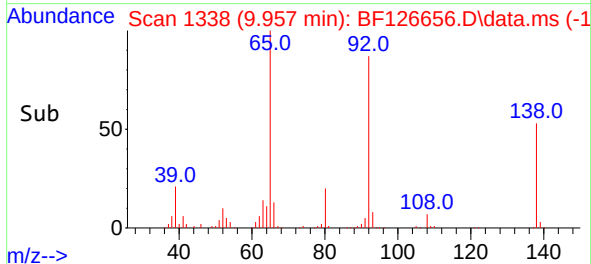
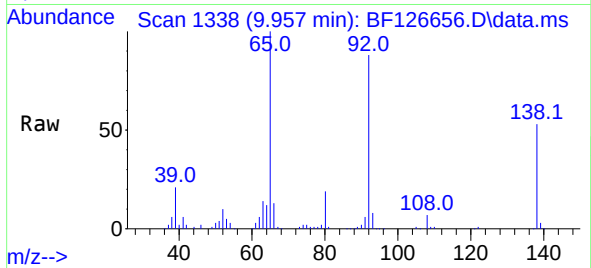
PB142212BS

Tgt Ion:138 Resp: 10536
Ion Ratio Lower Upper
138 100
108 12.9 8.6 13.0
92 165.9 105.0 157.6

Manual Integrations

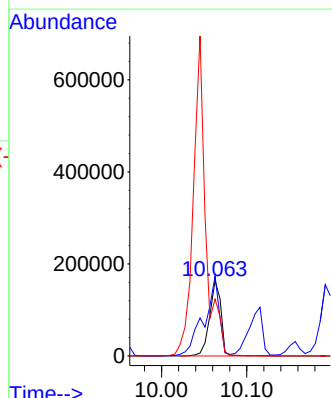
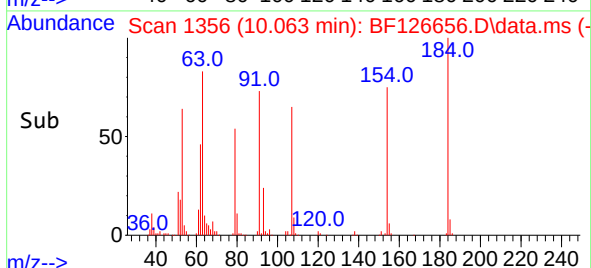
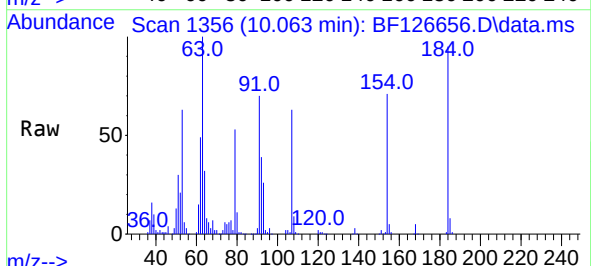
APPROVED

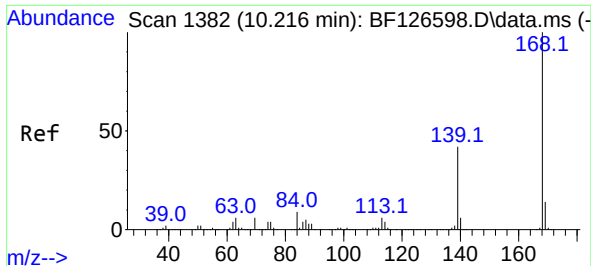
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#54
2,4-Dinitrophenol
Concen: 89.985 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

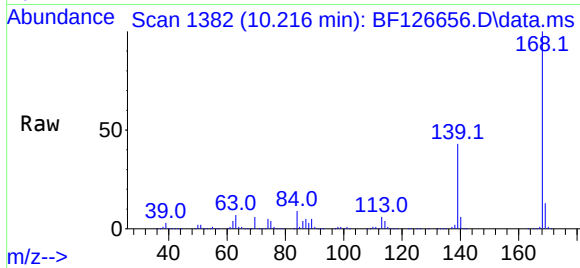
Tgt Ion:184 Resp: 152229
Ion Ratio Lower Upper
184 100
63 105.8 70.4 105.6#
154 75.2 49.7 74.5#





#55
Dibenzenofuran
Concen: 39.939 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

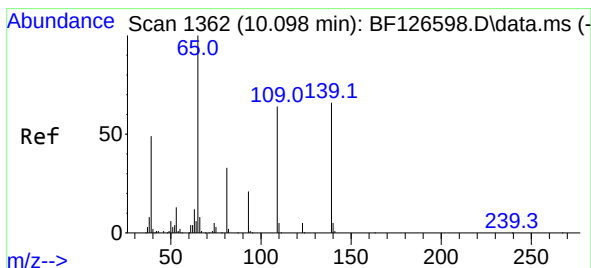
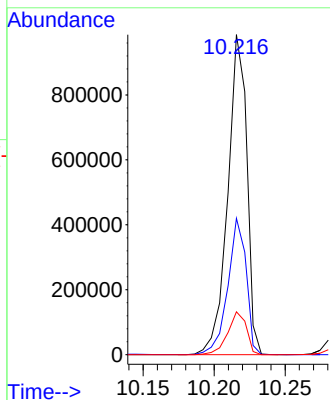
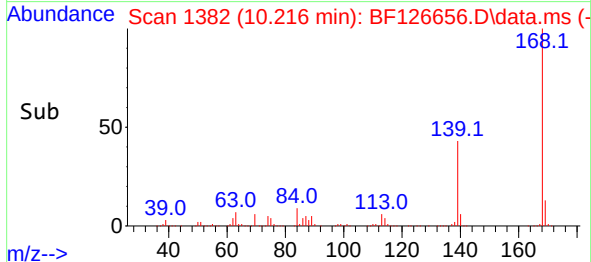
Instrument :
BNA_F
ClientSampleId :
PB142212BS



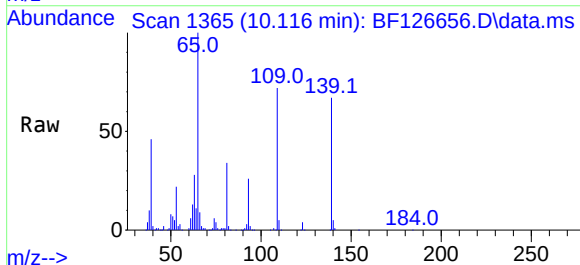
Tgt Ion:168 Resp: 923519
Ion Ratio Lower Upper
168 100
139 42.6 30.6 46.0
169 13.4 10.0 15.0

Manual Integrations
APPROVED

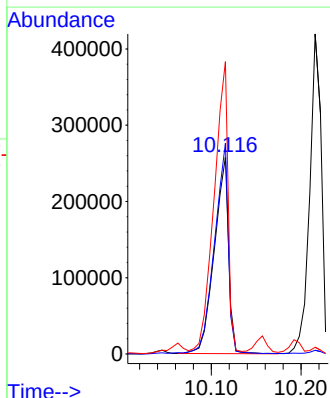
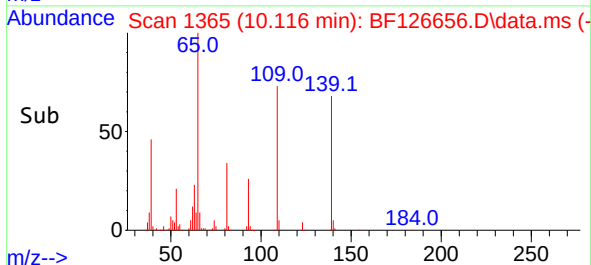
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

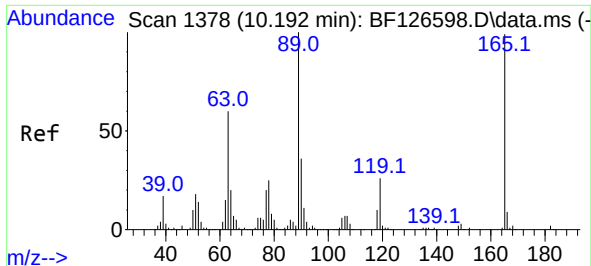


#56
4-Nitrophenol
Concen: 93.873 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.017 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:139 Resp: 283931
Ion Ratio Lower Upper
139 100
109 107.0 44.1 84.1#
65 148.5 85.5 125.5#





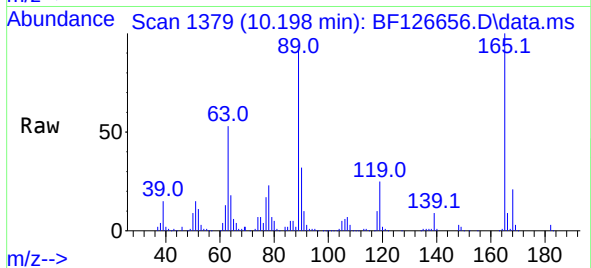
#57
2,4-Dinitrotoluene
Concen: 58.779 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

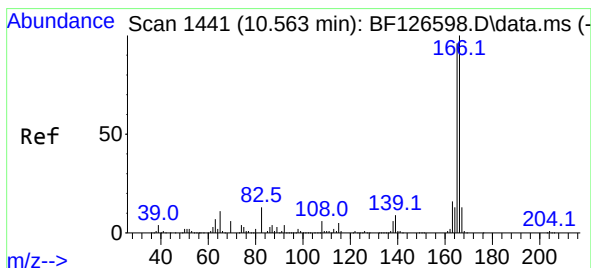
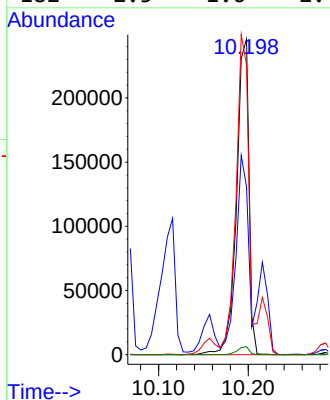
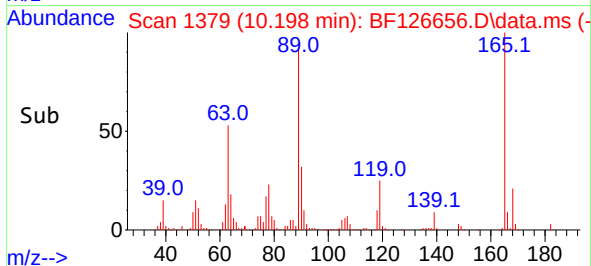


Tgt Ion:165 Resp: 236630
Ion Ratio Lower Upper
165 100
63 53.2 43.0 64.6
89 91.8 71.0 106.4
182 2.5 1.6 2.4#

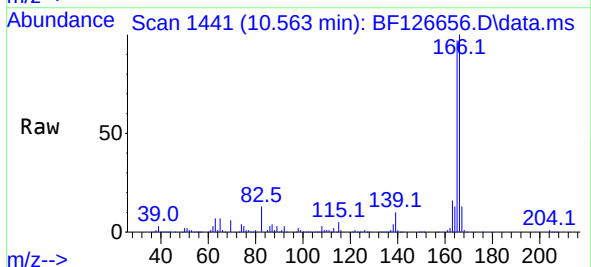
Manual Integrations

APPROVED

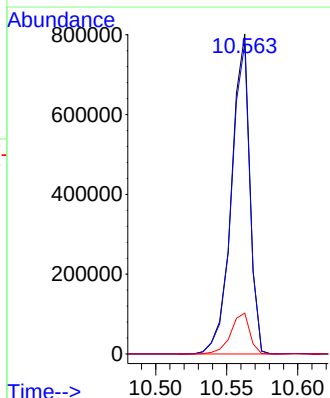
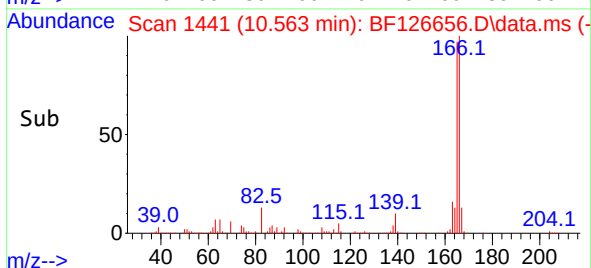
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

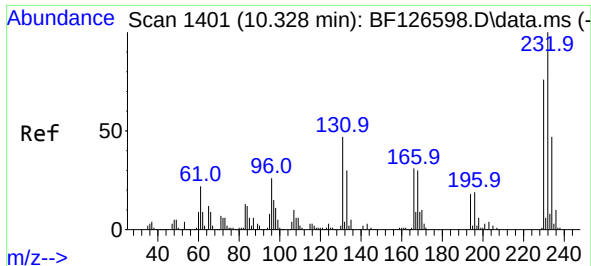


#58
Fluorene
Concen: 41.296 ng
RT: 10.563 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



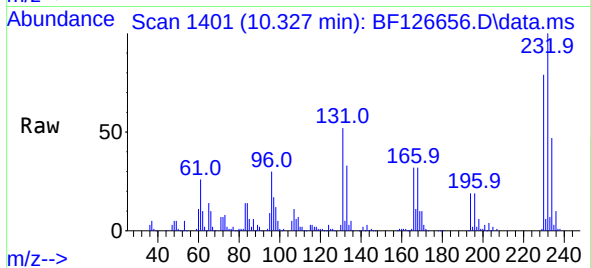
Tgt Ion:166 Resp: 720945
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 12.8 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.949 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

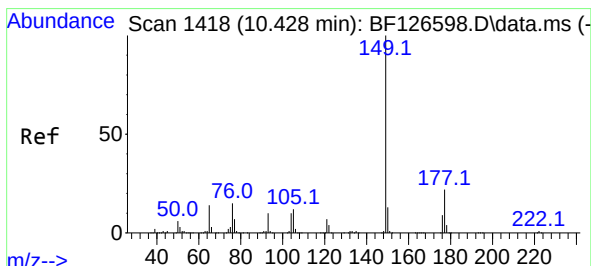
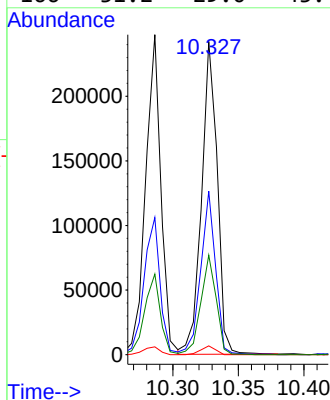
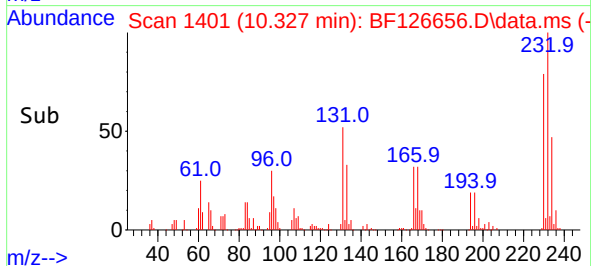
Instrument :
BNA_F
ClientSampleId :
PB142212BS



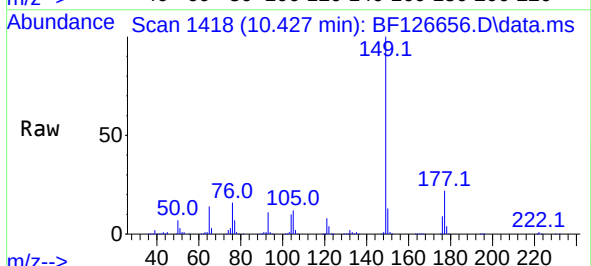
Tgt Ion:232 Resp: 201699
Ion Ratio Lower Upper
232 100
131 50.0 50.0 75.0
130 2.6 2.2 3.2
166 31.2 29.0 43.4

Manual Integrations
APPROVED

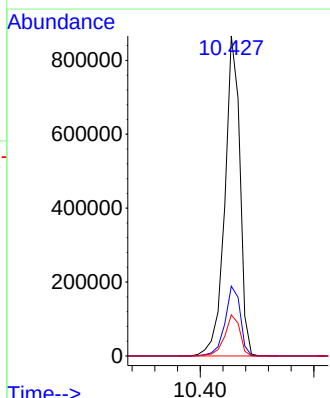
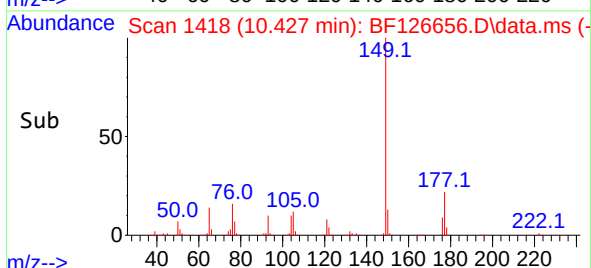
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

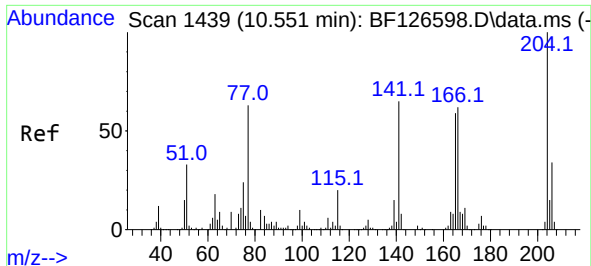


#60
Diethylphthalate
Concen: 41.816 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



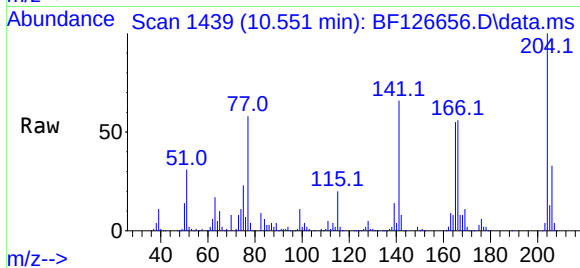
Tgt Ion:149 Resp: 799153
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 40.601 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

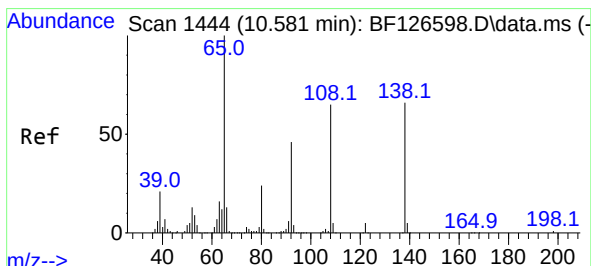
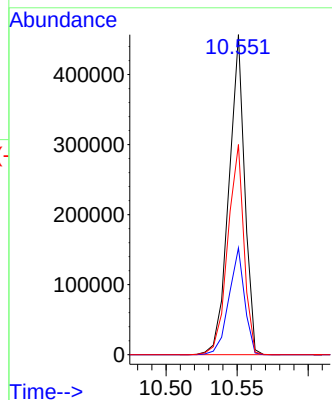
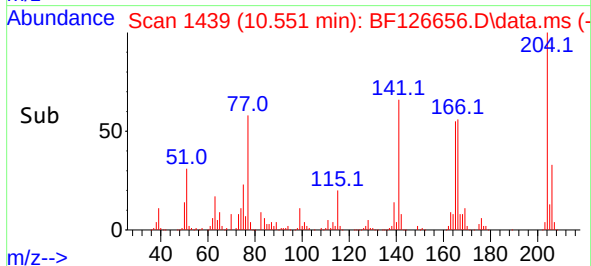
Instrument :
BNA_F
ClientSampleId :
PB142212BS



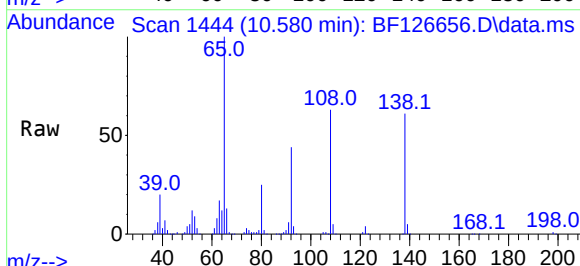
Tgt Ion:204 Resp: 354004
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 65.6 59.0 88.6

Manual Integrations
APPROVED

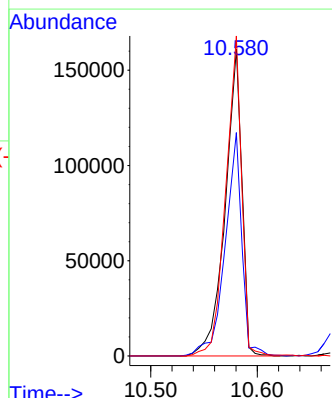
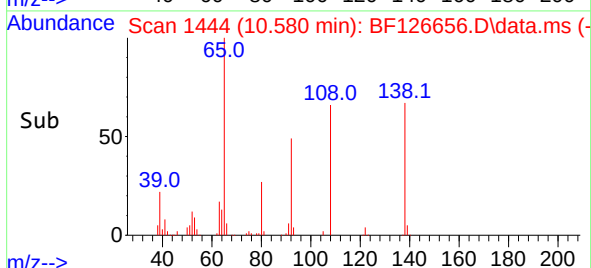
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

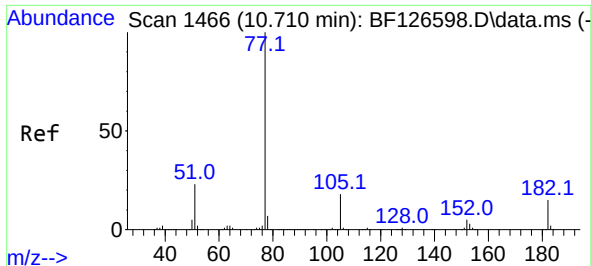


#62
4-Nitroaniline
Concen: 47.610 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:138 Resp: 175510
Ion Ratio Lower Upper
138 100
92 72.8 36.2 76.2
108 104.2 46.7 86.7#





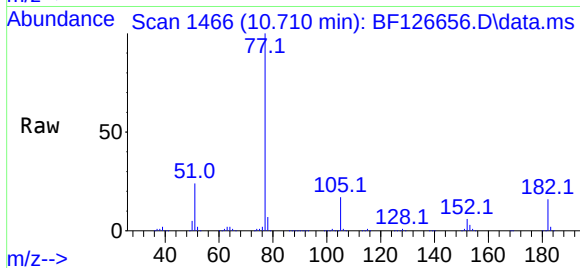
#63
Azobenzene
Concen: 40.556 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

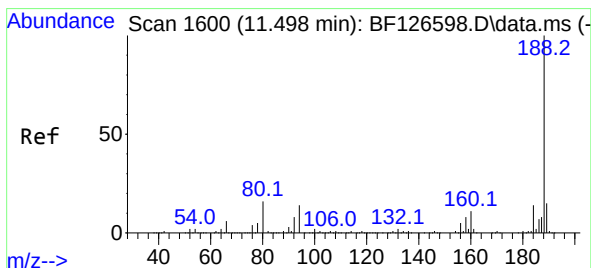
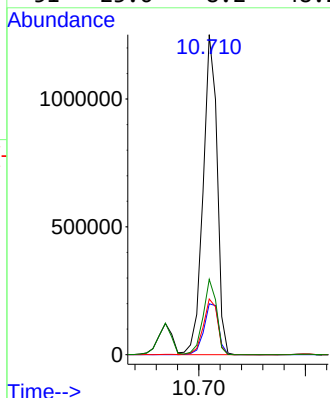
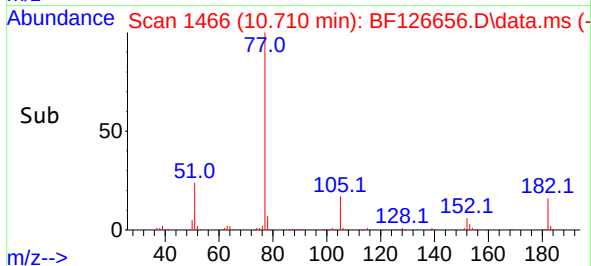


Tgt Ion: 77 Resp: 1147029
Ion Ratio Lower Upper
77 100
182 15.9 0.0 39.0
105 17.4 3.2 43.2
51 23.6 8.2 48.2

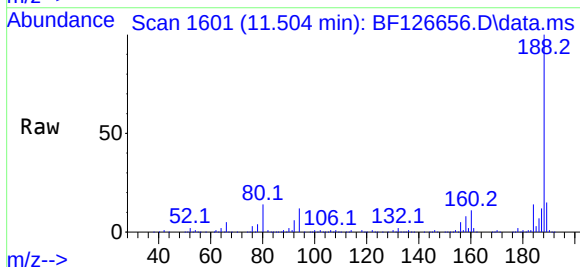
Manual Integrations

APPROVED

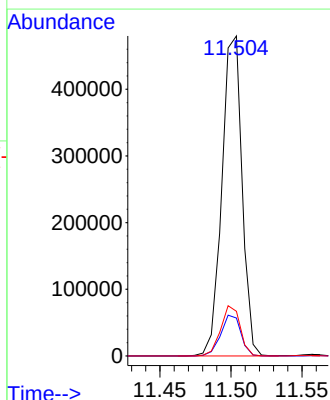
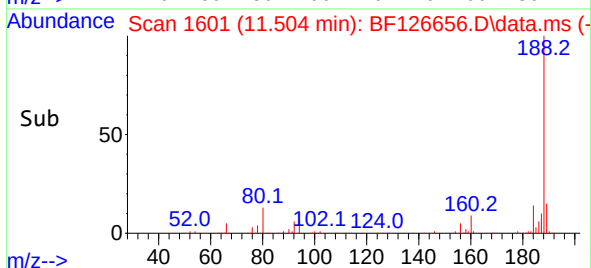
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

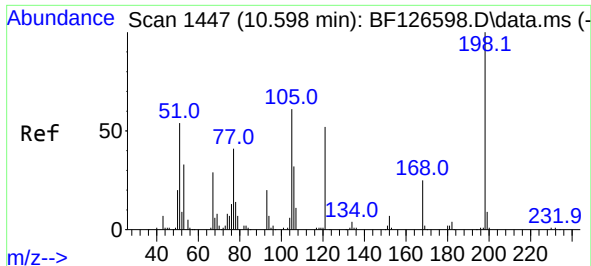


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:188 Resp: 474410
Ion Ratio Lower Upper
188 100
94 11.9 10.1 15.1
80 14.0 11.8 17.6





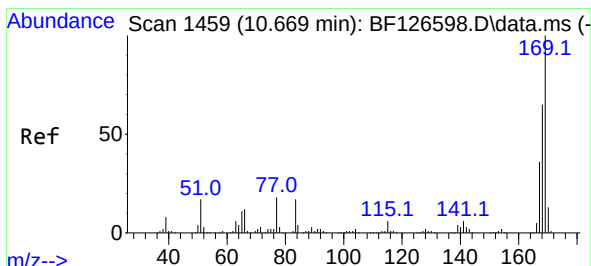
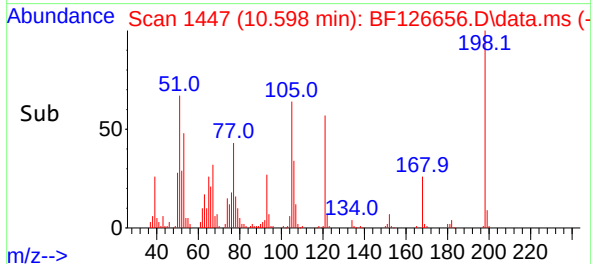
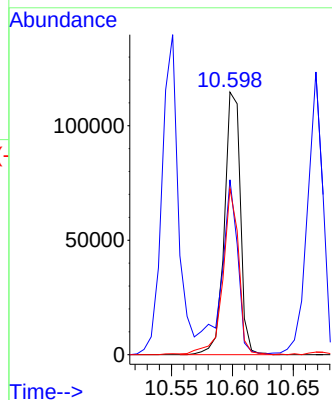
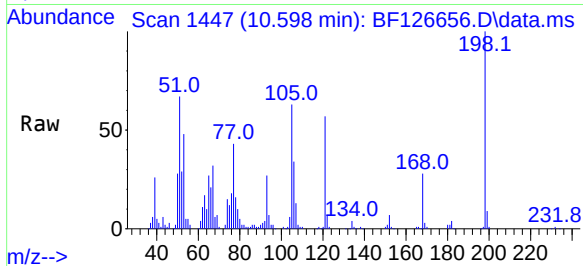
#65
4,6-Dinitro-2-methylphenol
Concen: 46.477 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB142212BS

Tgt Ion:198 Resp: 104714
Ion Ratio Lower Upper
198 100
51 66.6 32.0 72.0
105 63.2 32.7 72.7

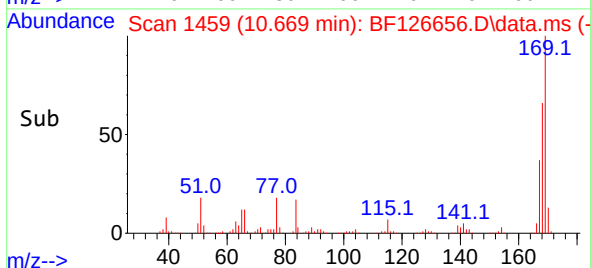
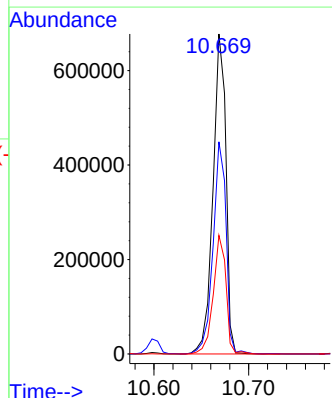
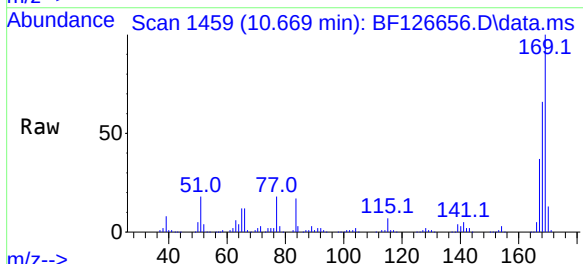
Manual Integrations
APPROVED

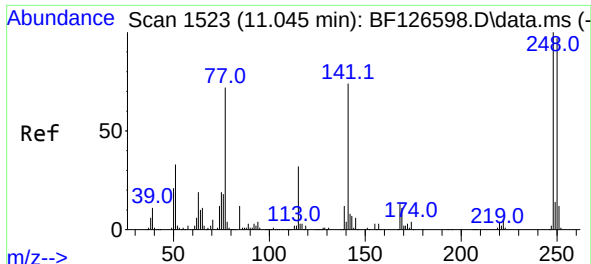
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#66
n-Nitrosodiphenylamine
Concen: 39.829 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:169 Resp: 637828
Ion Ratio Lower Upper
169 100
168 66.3 53.4 80.0
167 37.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 41.296 ng
RT: 11.045 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

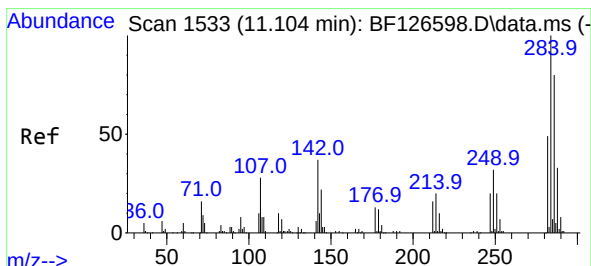
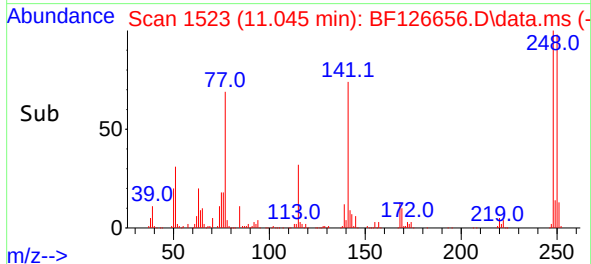
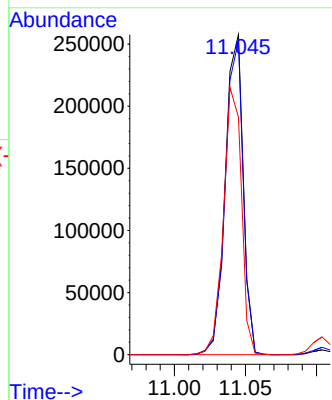
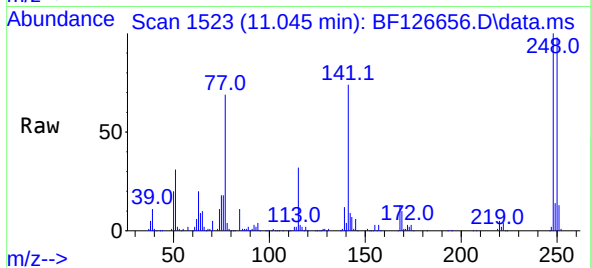
PB142212BS

Tgt Ion:248 Resp: 225790
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 74.3 66.2 99.4

Manual Integrations

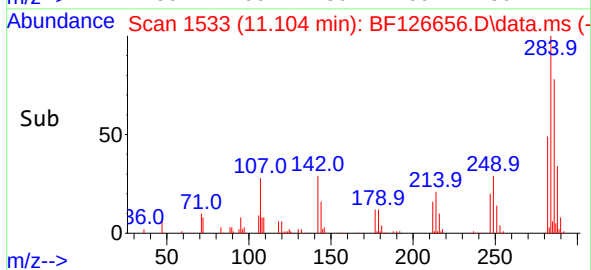
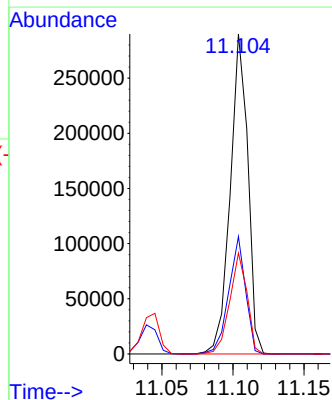
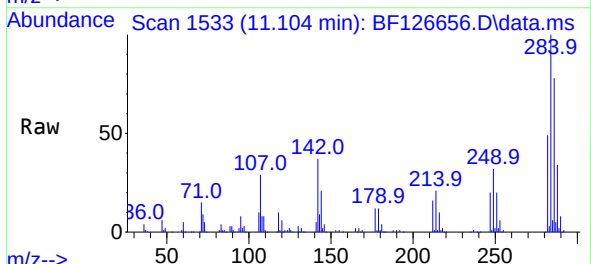
APPROVED

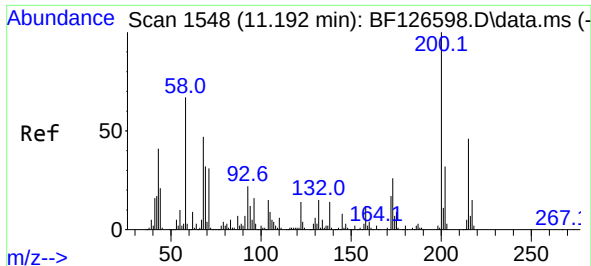
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#68
Hexachlorobenzene
Concen: 42.713 ng
RT: 11.104 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:284 Resp: 249166
Ion Ratio Lower Upper
284 100
142 36.7 30.7 46.1
249 31.5 21.1 31.7





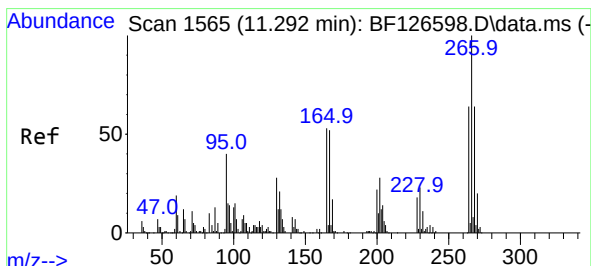
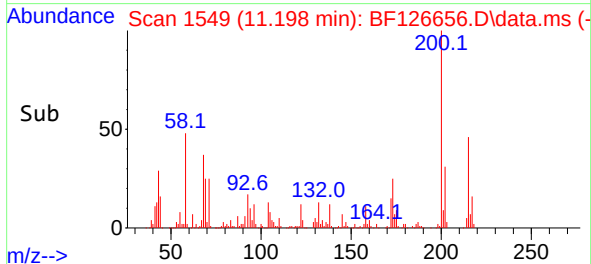
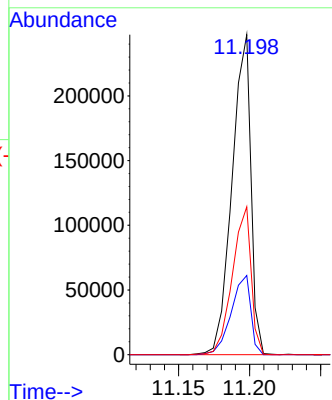
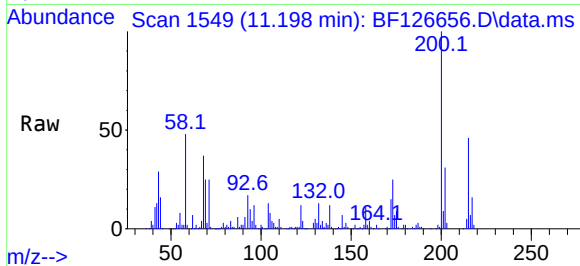
#69
Atrazine
Concen: 44.579 ng
RT: 11.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :
BNA_F
ClientSampleId :
PB142212BS

Tgt Ion:200 Resp: 22799
Ion Ratio Lower Upper
200 100
173 24.7 9.2 49.2
215 46.2 23.2 63.2

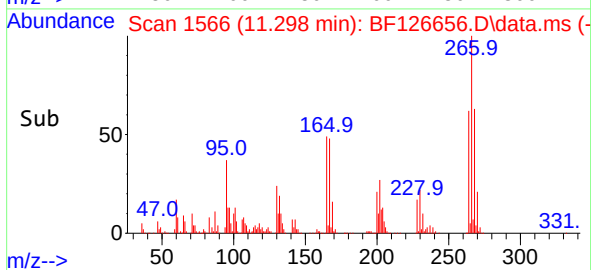
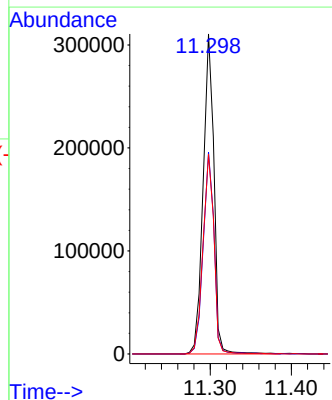
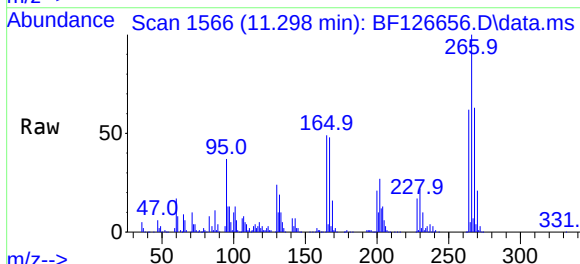
Manual Integrations
APPROVED

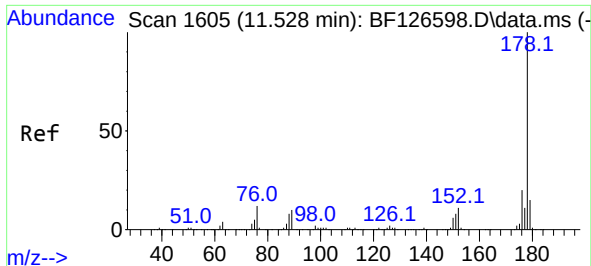
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#70
Pentachlorophenol
Concen: 84.726 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:266 Resp: 287405
Ion Ratio Lower Upper
266 100
268 63.0 52.3 78.5
264 62.4 50.4 75.6





#71
Phenanthrene
Concen: 41.255 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

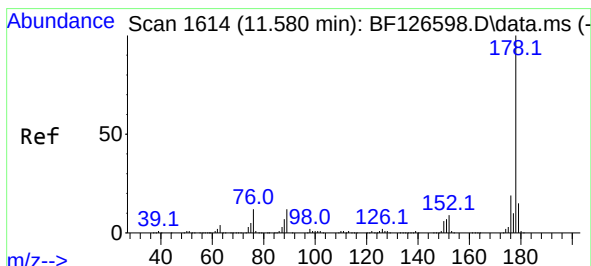
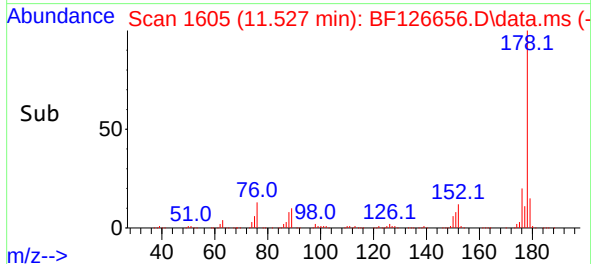
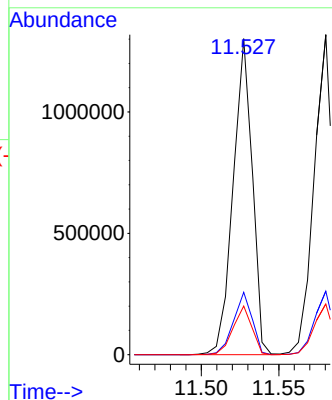
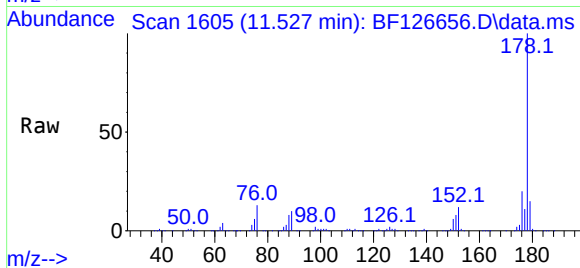
PB142212BS

Tgt Ion:178 Resp: 111816
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.4 12.3 18.5

Manual Integrations

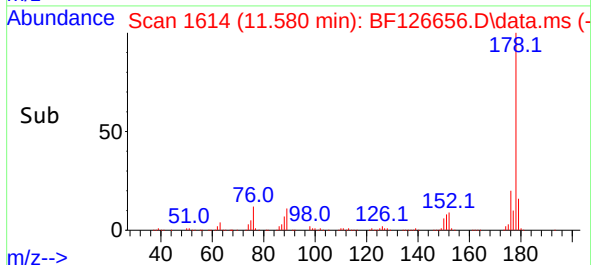
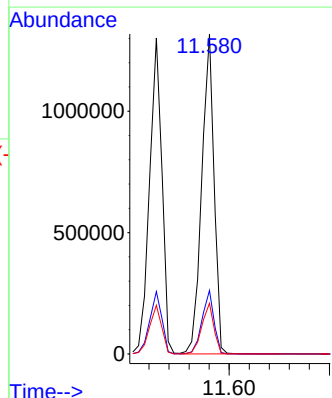
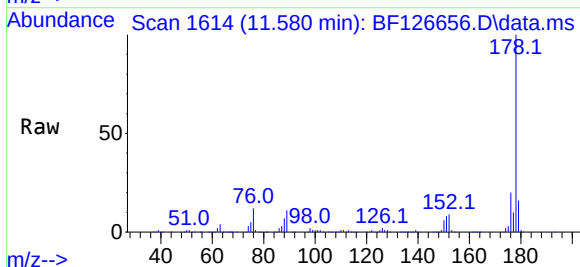
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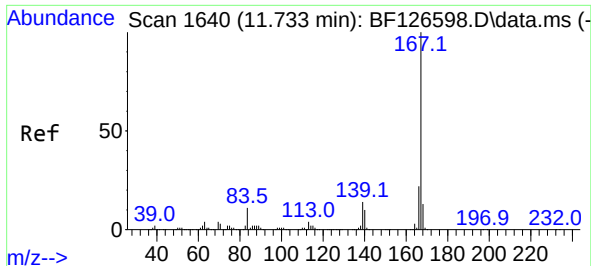
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#72
Anthracene
Concen: 41.517 ng
RT: 11.580 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

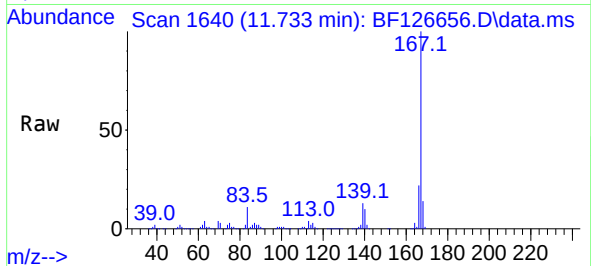
Tgt Ion:178 Resp: 1129000
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 39.260 ng
 RT: 11.733 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: BF126656.D
 Acq: 25 Jan 2022 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB142212BS

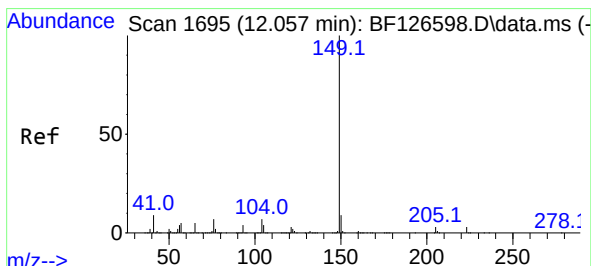
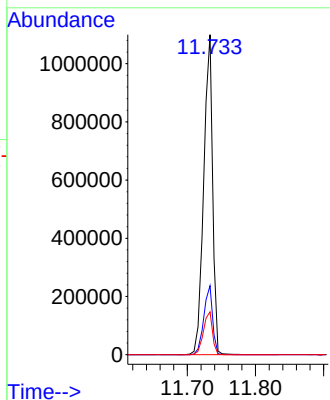
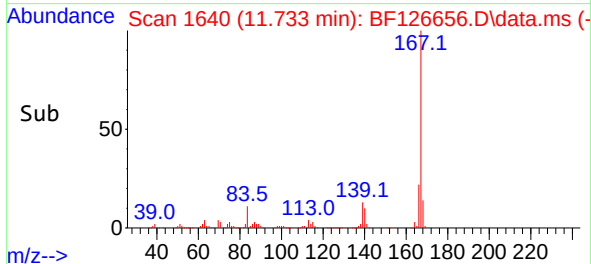


Tgt Ion:167 Resp: 100234

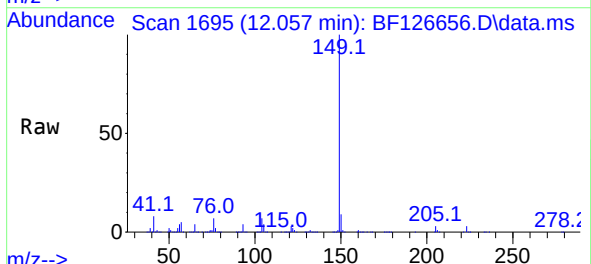
Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	13.4	11.3	16.9

Manual Integrations
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Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022

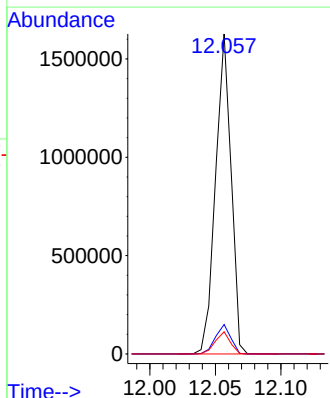
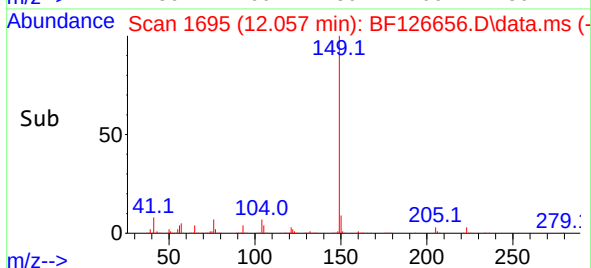


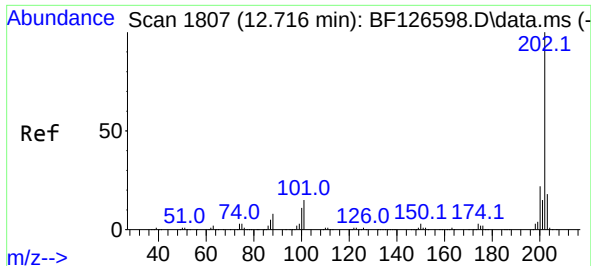
#74
 Di-n-butylphthalate
 Concen: 43.372 ng
 RT: 12.057 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: BF126656.D
 Acq: 25 Jan 2022 11:35



Tgt Ion:149 Resp: 1335319

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	7.0	4.2	6.2





#75
Fluoranthene
Concen: 43.544 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

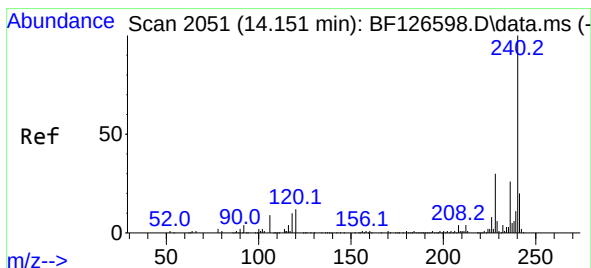
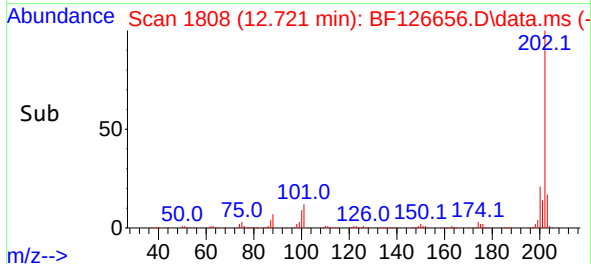
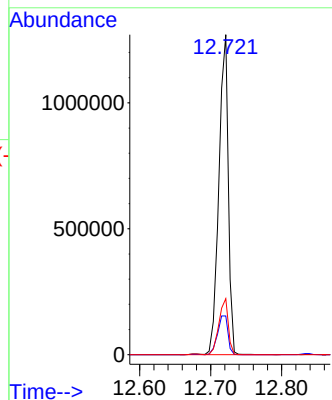
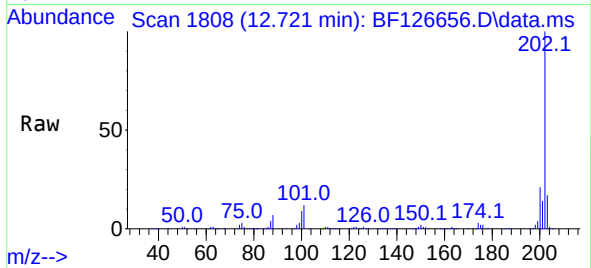
PB142212BS

Tgt Ion:202 Resp: 1165719
Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.7
203 17.5 0.0 37.1

Manual Integrations

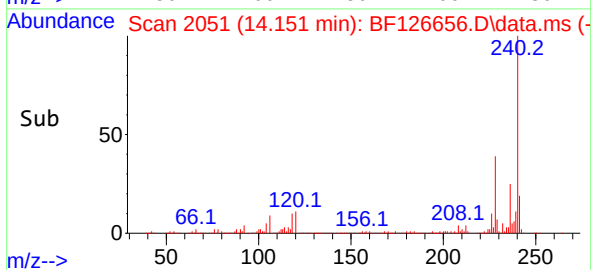
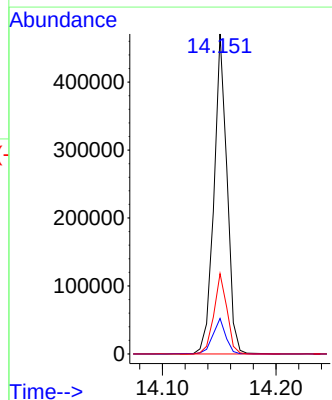
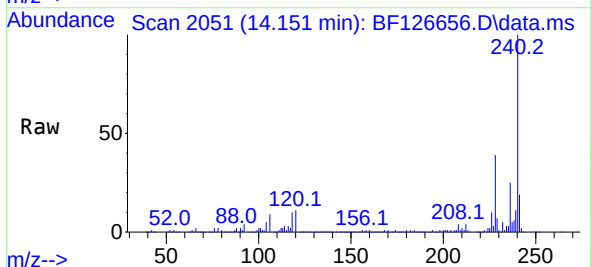
APPROVED

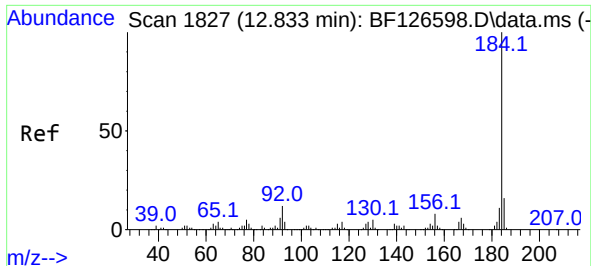
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:240 Resp: 374778
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 25.1 20.5 30.7





#77
Benzidine
Concen: 31.617 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

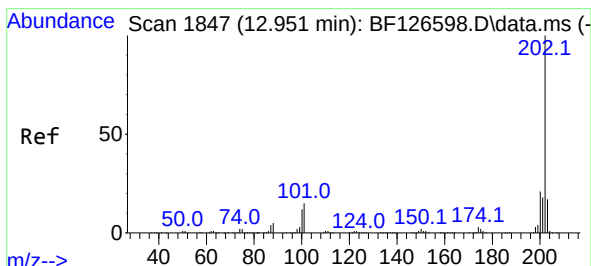
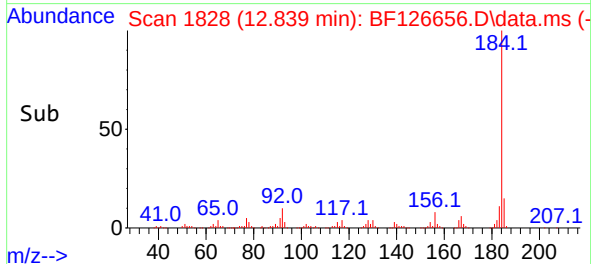
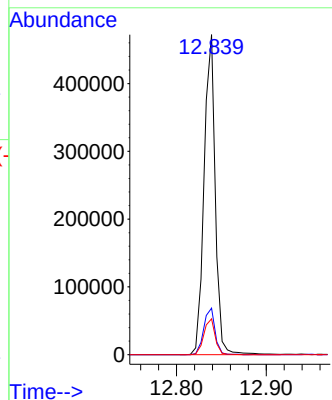
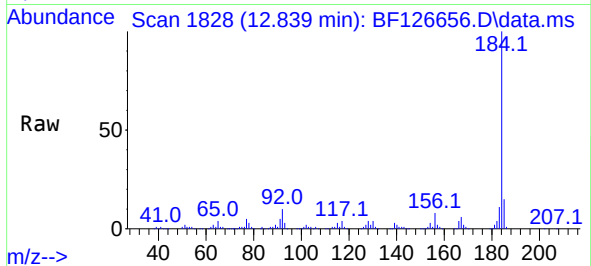
PB142212BS

Tgt Ion:184 Resp: 408772
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.2 8.2 12.2

Manual Integrations

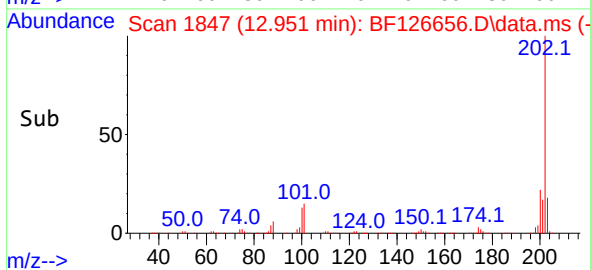
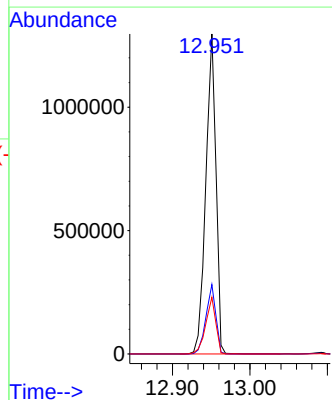
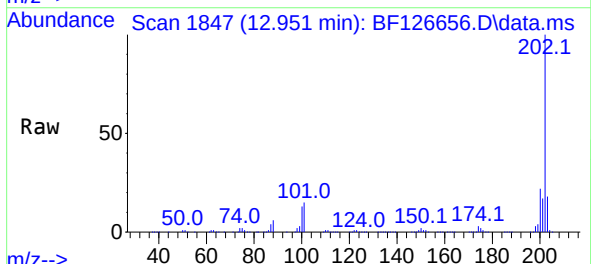
APPROVED

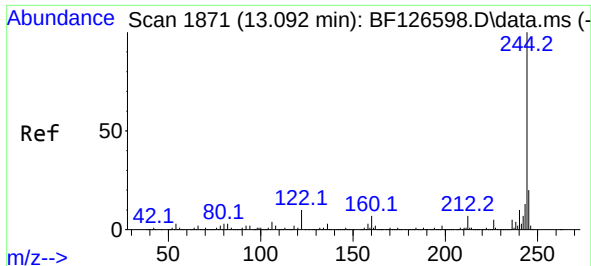
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#78
Pyrene
Concen: 38.920 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:202 Resp: 1179585
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 17.7 13.8 20.8





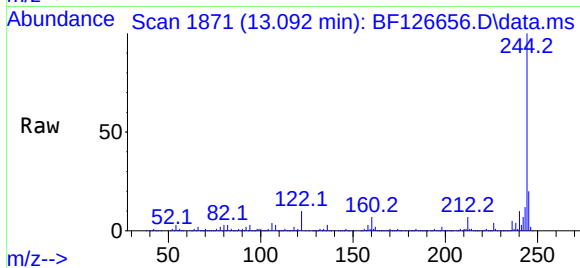
#79
 Terphenyl-d14
 Concen: 74.867 ng
 RT: 13.092 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: BF126656.D
 Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

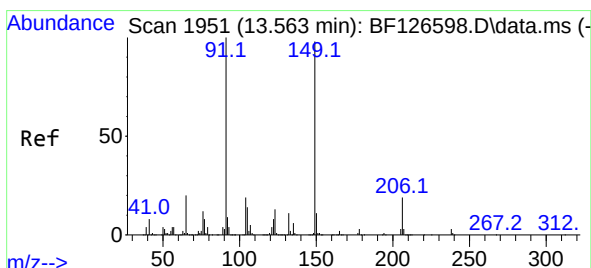
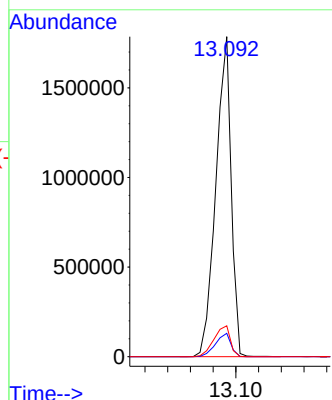
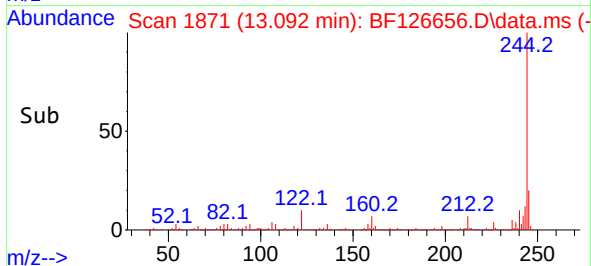


Tgt Ion:244 Resp: 1672869
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 9.6 13.3 19.9

Manual Integrations

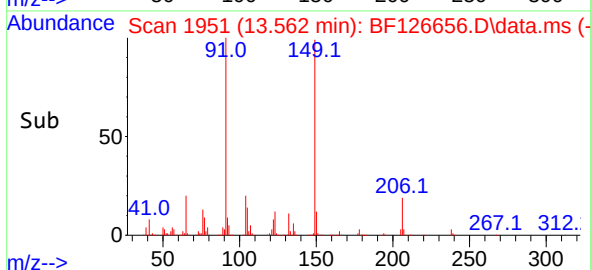
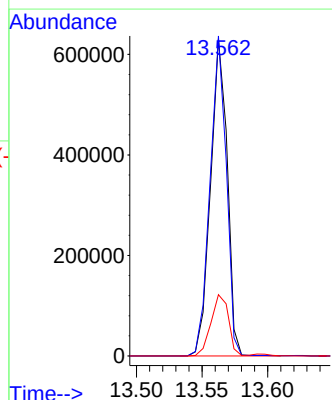
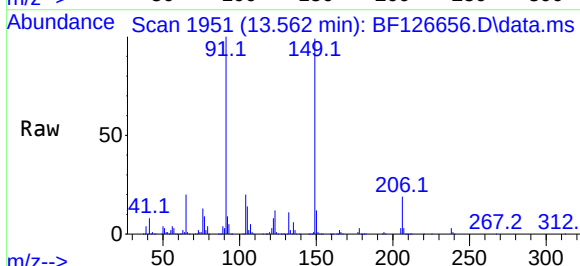
APPROVED

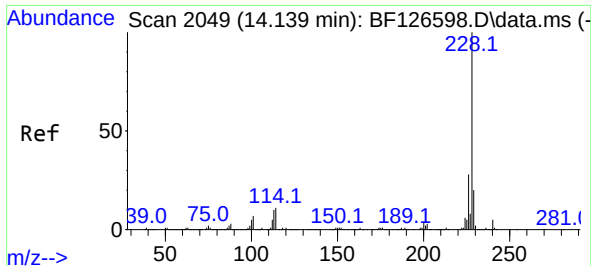
Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022



#80
 Butylbenzylphthalate
 Concen: 42.410 ng
 RT: 13.562 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: BF126656.D
 Acq: 25 Jan 2022 11:35

Tgt Ion:149 Resp: 558421
 Ion Ratio Lower Upper
 149 100
 91 100.9 70.5 105.7
 206 19.3 12.6 19.0





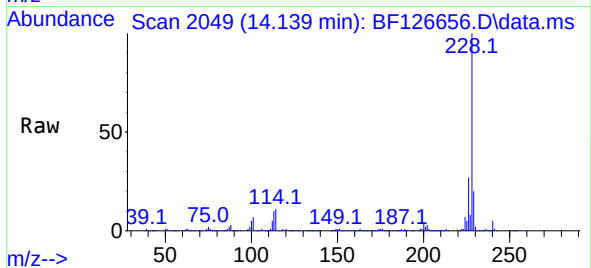
#81
Benzo(a)anthracene
Concen: 40.349 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

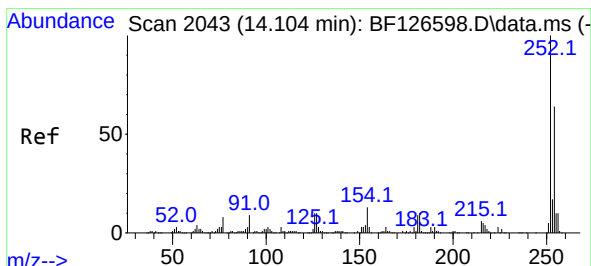
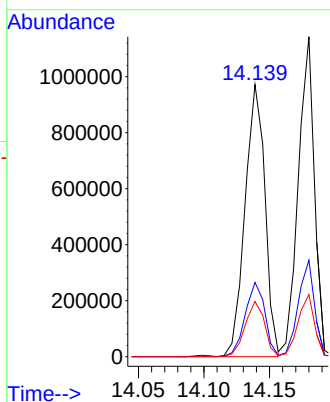
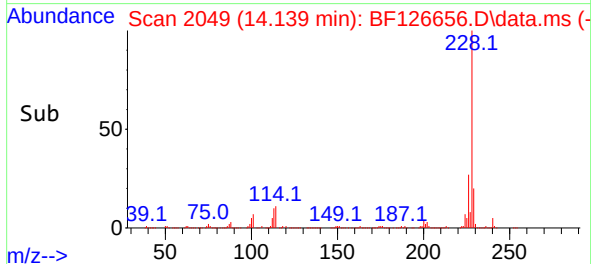


Tgt Ion:228 Resp: 102784
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 20.3 15.4 23.2

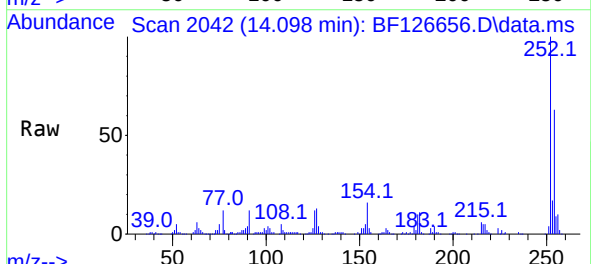
Manual Integrations

APPROVED

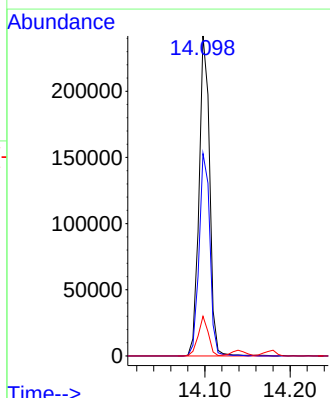
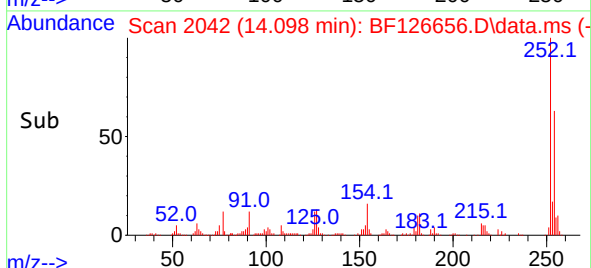
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

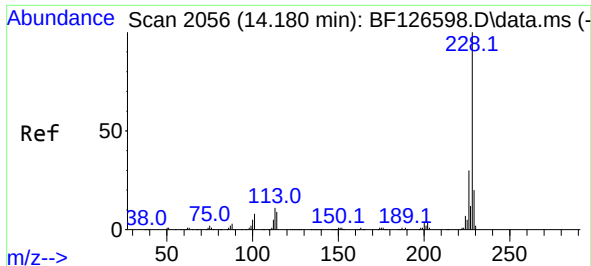


#82
3,3'-Dichlorobenzidine
Concen: 24.973 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:252 Resp: 208984
Ion Ratio Lower Upper
252 100
254 63.3 51.0 76.4
126 12.4 13.4 20.0#





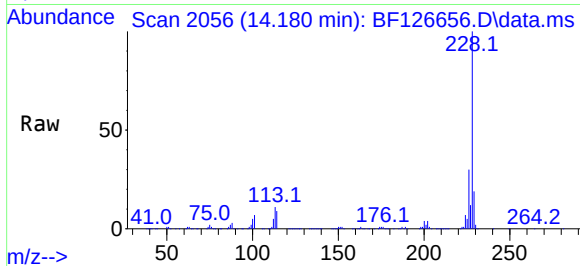
#83
Chrysene
Concen: 40.274 ng
RT: 14.180 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

PB142212BS

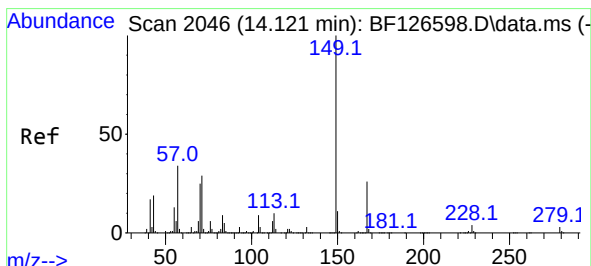
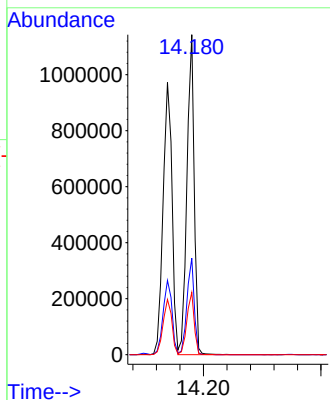
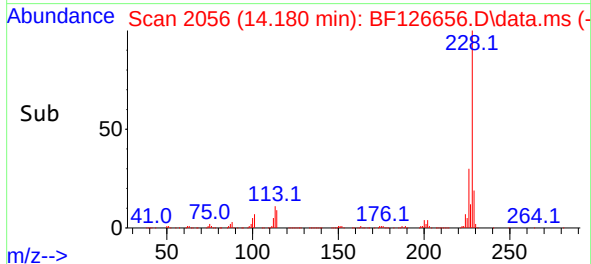


Tgt Ion:228 Resp: 987148
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 19.4 15.5 23.3

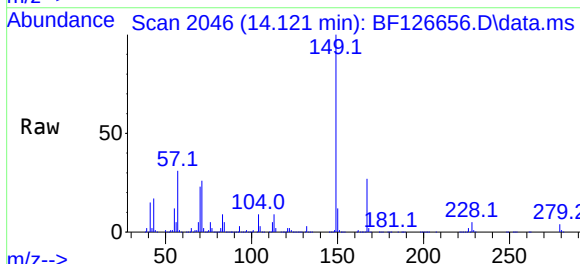
Manual Integrations

APPROVED

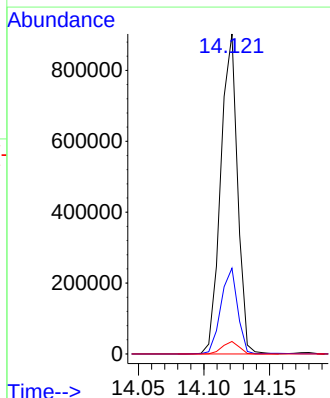
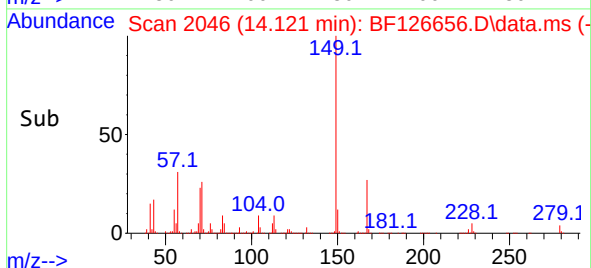
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

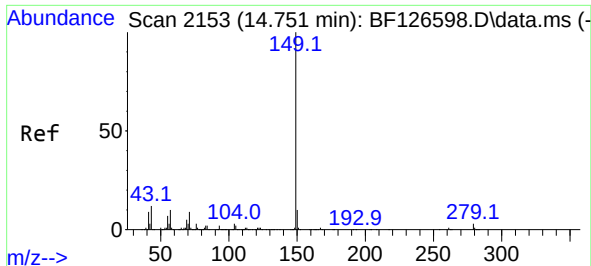


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.132 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



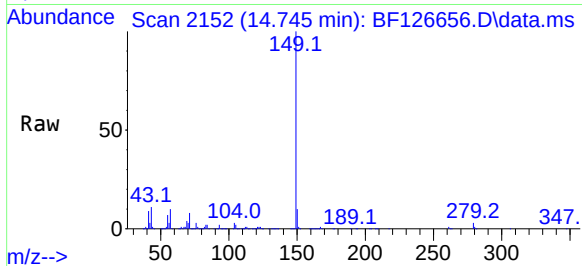
Tgt Ion:149 Resp: 804811
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 3.9 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 47.629 ng
RT: 14.745 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

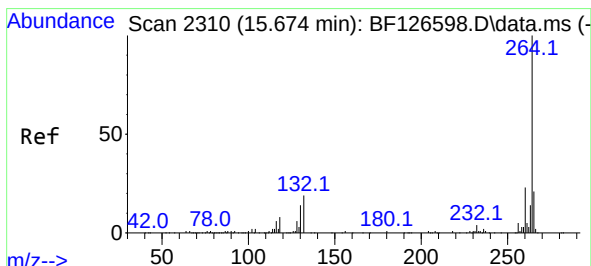
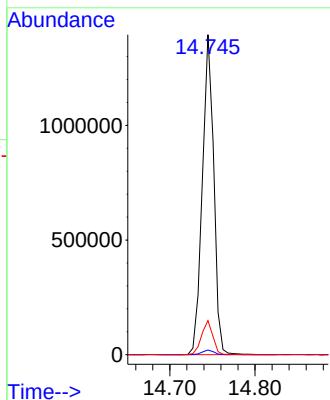
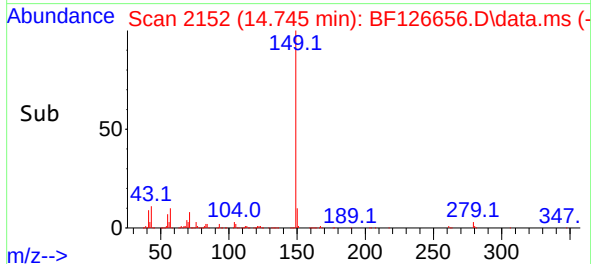
Instrument :
BNA_F
ClientSampleId :
PB142212BS



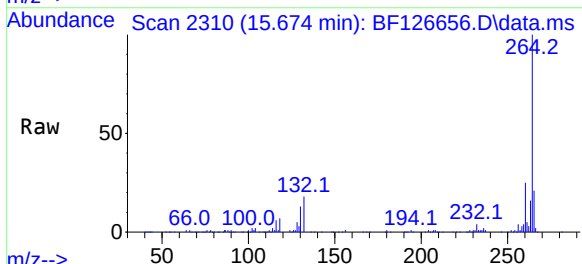
Tgt Ion:149 Resp: 1300362
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.6 9.9 14.9

Manual Integrations
APPROVED

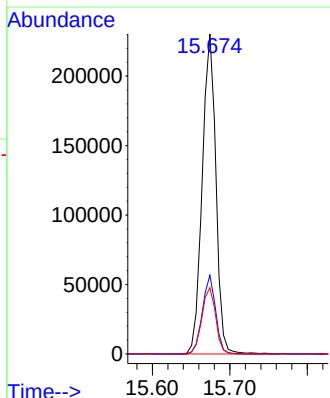
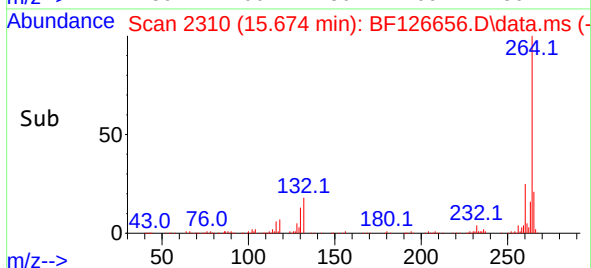
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022

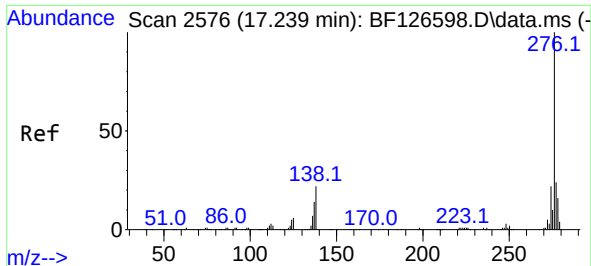


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2310
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35



Tgt Ion:264 Resp: 281908
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 20.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.746 ng
RT: 17.239 min Scan# 2576
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

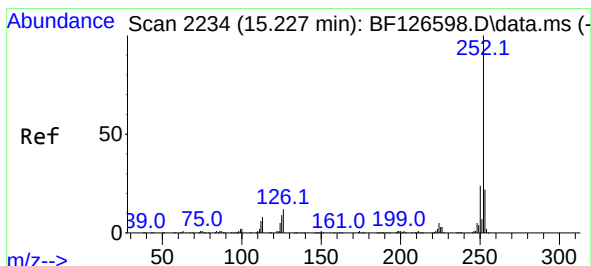
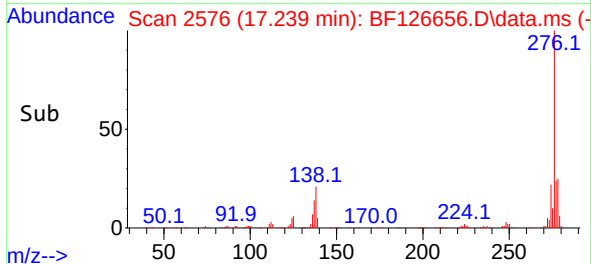
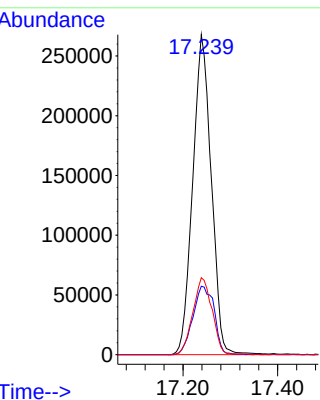
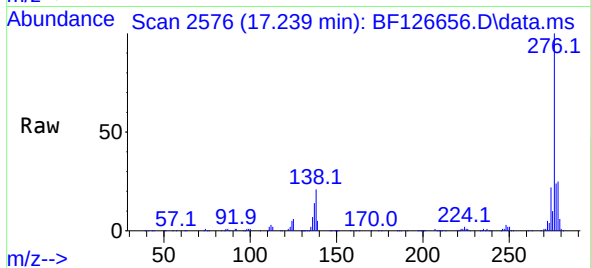
PB142212BS

Tgt Ion:276 Resp: 727130
Ion Ratio Lower Upper
276 100
138 24.6 29.2 43.8
277 25.0 19.8 29.8

Manual Integrations

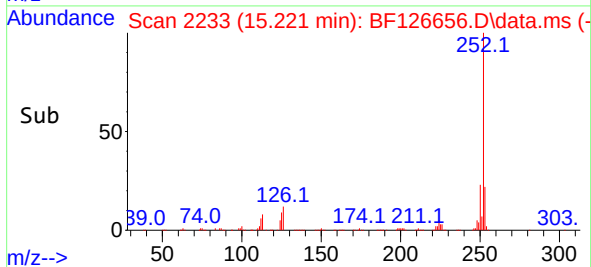
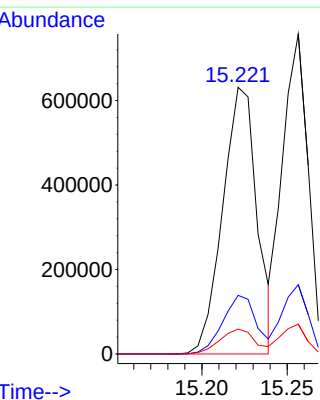
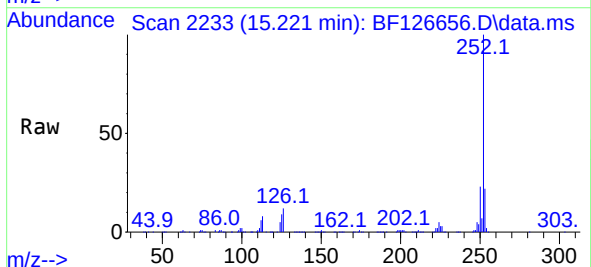
APPROVED

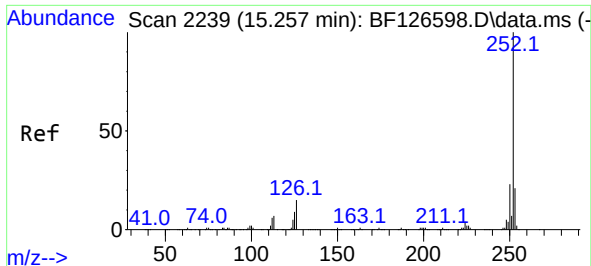
Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#88
Benzo(b)fluoranthene
Concen: 47.436 ng
RT: 15.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:252 Resp: 886794
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.4 12.4 18.6





#89

Benzo(k)fluoranthene

Concen: 43.743 ng

RT: 15.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

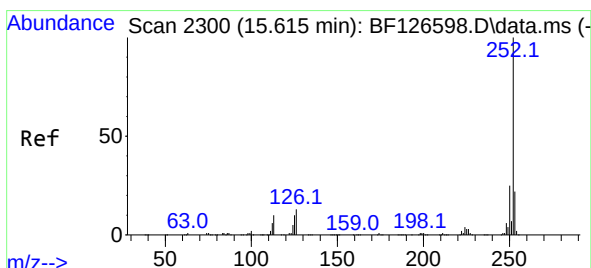
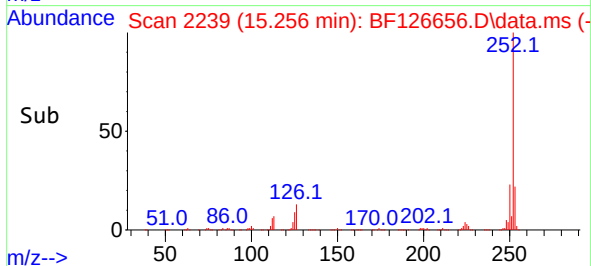
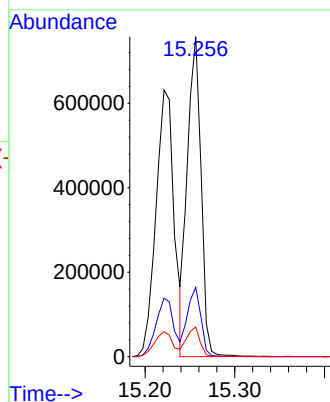
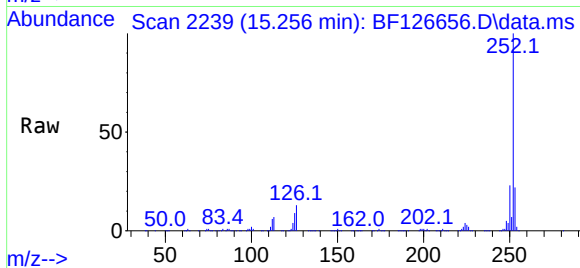
PB142212BS

Tgt Ion:252 Resp: 802915
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 9.3 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022
 Supervised By :Jagrut Upadhyay 01/26/2022



#90

Benzo(a)pyrene

Concen: 51.182 ng

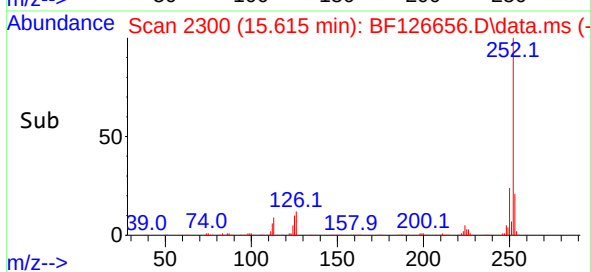
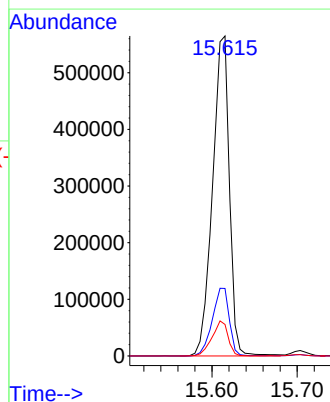
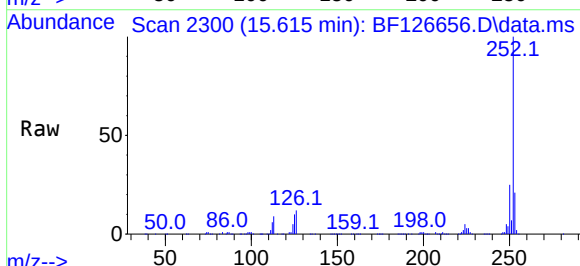
RT: 15.615 min Scan# 2300

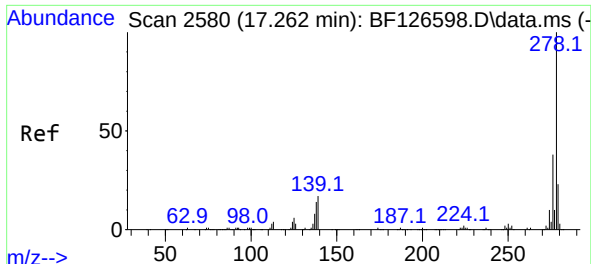
Delta R.T. -0.000 min

Lab File: BF126656.D

Acq: 25 Jan 2022 11:35

Tgt Ion:252 Resp: 778516
 Ion Ratio Lower Upper
 252 100
 253 21.1 17.1 25.7
 125 9.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 42.911 ng
RT: 17.262 min Scan# 2580
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Instrument :

BNA_F

ClientSampleId :

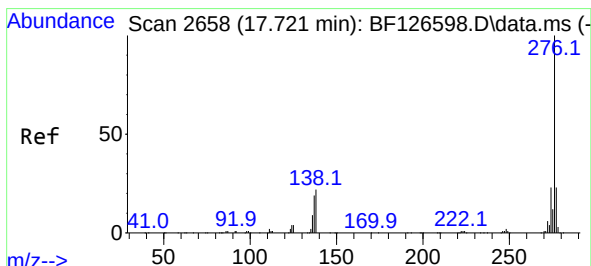
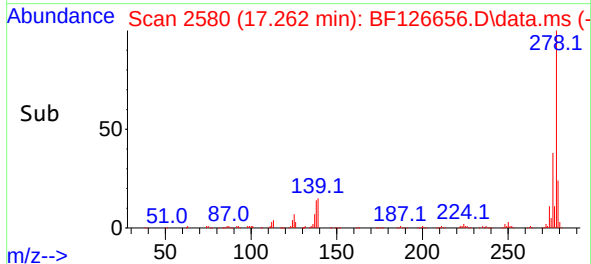
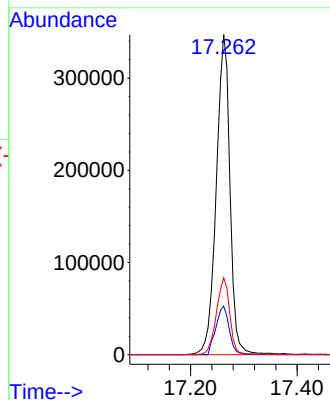
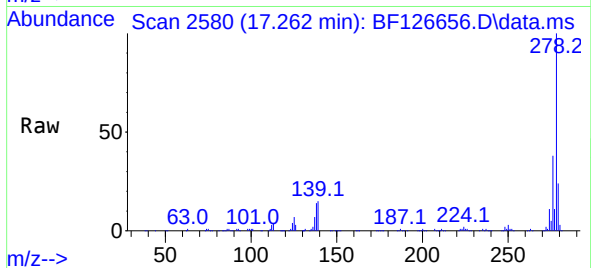
PB142212BS

Tgt Ion:278 Resp: 619180
Ion Ratio Lower Upper
278 100
139 15.2 18.0 27.0
279 24.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/26/2022
Supervised By :Jagrut Upadhyay 01/26/2022



#92
Benzo(g,h,i)perylene
Concen: 41.633 ng
RT: 17.721 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BF126656.D
Acq: 25 Jan 2022 11:35

Tgt Ion:276 Resp: 589057
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 21.3 25.9 38.9

