

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126945.D
 Acq On : 18 Feb 2022 11:18
 Operator : CG\JU
 Sample : PB142765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142765BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2022
 Supervised By : Jagrut Upadhyay 02/21/2022

Quant Time: Feb 18 16:14:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	101777	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	413189	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	208088	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	378555	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	246919	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	180805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	584682	88.789	ng	0.01
7) Phenol-d6	6.557	99	759383	85.462	ng	0.00
23) Nitrobenzene-d5	7.498	82	773462	84.494	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	222193	92.741	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1203881	85.171	ng	0.00
79) Terphenyl-d14	13.051	244	1426553	84.930	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	104504	34.681	ng	97
3) Pyridine	3.581	79	236132	29.876	ng	91
4) n-Nitrosodimethylamine	3.551	42	171693	44.346	ng	# 71
6) Aniline	6.598	93	466580	44.318	ng	97
8) 2-Chlorophenol	6.716	128	327494	46.351	ng	98
9) Benzaldehyde	6.487	77	252260	46.639	ng	98
10) Phenol	6.569	94	409572	45.618	ng	83
11) bis(2-Chloroethyl)ether	6.669	93	316725	44.977	ng	98
12) 1,3-Dichlorobenzene	6.875	146	335540	44.024	ng	99
13) 1,4-Dichlorobenzene	6.951	146	344642	44.603	ng	99
14) 1,2-Dichlorobenzene	7.104	146	326975	44.374	ng	98
15) Benzyl Alcohol	7.075	79	321078	42.892	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.204	45	481841	43.453	ng	96
17) 2-Methylphenol	7.181	107	273449	44.733	ng	94
18) Hexachloroethane	7.445	117	133368	45.030	ng	# 89
19) n-Nitroso-di-n-propyla...	7.345	70	254503	44.450	ng	99
20) 3+4-Methylphenols	7.334	107	347515	43.779	ng	89
22) Acetophenone	7.345	105	488465	44.900	ng	# 95
24) Nitrobenzene	7.516	77	387203	44.776	ng	95
25) Isophorone	7.757	82	666274	43.986	ng	# 96
26) 2-Nitrophenol	7.833	139	169223	45.961	ng	# 81
27) 2,4-Dimethylphenol	7.863	122	296496	49.019	ng	91
28) bis(2-Chloroethoxy)met...	7.963	93	390158	42.486	ng	99
29) 2,4-Dichlorophenol	8.069	162	252468	44.397	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	275428	43.323	ng	98
31) Naphthalene	8.239	128	950869	44.085	ng	99
32) Benzoic acid	7.992	122	177331	41.340	ng	84
33) 4-Chloroaniline	8.286	127	305819	36.022	ng	98
34) Hexachlorobutadiene	8.351	225	163055	43.931	ng	99
35) Caprolactam	8.663	113	90382m	45.514	ng	
36) 4-Chloro-3-methylphenol	8.763	107	328308	45.174	ng	94
37) 2-Methylnaphthalene	8.928	142	636479	45.476	ng	95
38) 1-Methylnaphthalene	9.028	142	589048	43.951	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	254876	46.530	ng	98
41) Hexachlorocyclopentadiene	9.080	237	331202	111.484	ng	96
43) 2,4,6-Trichlorophenol	9.204	196	178123	44.337	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	188226	44.523	ng	95
46) 1,1'-Biphenyl	9.392	154	757394	45.940	ng	98
47) 2-Chloronaphthalene	9.422	162	543022	44.416	ng	94
48) 2-Nitroaniline	9.516	65	222667	46.154	ng	98
49) Acenaphthylene	9.839	152	903545	45.498	ng	98
50) Dimethylphthalate	9.692	163	664193	44.655	ng	98
51) 2,6-Dinitrotoluene	9.757	165	147252	48.660	ng	# 79
52) Acenaphthene	10.010	154	641967m	49.706	ng	
53) 3-Nitroaniline	9.927	138	147180	39.788	ng	97
54) 2,4-Dinitrophenol	10.033	184	150174	93.758	ng	# 86
55) Dibenzofuran	10.180	168	778306	43.825	ng	# 89
56) 4-Nitrophenol	10.086	139	253210	92.680	ng	# 75
57) 2,4-Dinitrotoluene	10.163	165	197973	48.385	ng	# 94
58) Fluorene	10.527	166	623886	45.099	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	155014	46.250	ng	96
60) Diethylphthalate	10.392	149	699819	45.028	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	287399	44.059	ng	99
62) 4-Nitroaniline	10.551	138	163931	44.878	ng	# 81
63) Azobenzene	10.675	77	754926	43.622	ng	94
65) 4,6-Dinitro-2-methylph...	10.569	198	93200	41.902	ng	81
66) n-Nitrosodiphenylamine	10.633	169	548846	44.215	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	185289	43.808	ng	89
68) Hexachlorobenzene	11.069	284	207337	45.535	ng	95
69) Atrazine	11.163	200	182888	47.504	ng	96
70) Pentachlorophenol	11.263	266	224373	90.270	ng	98
71) Phenanthrene	11.492	178	943330	44.521	ng	99
72) Anthracene	11.545	178	965236	45.760	ng	100
73) Carbazole	11.698	167	833554	43.092	ng	99
74) Di-n-butylphthalate	12.016	149	1092022	43.913	ng	98
75) Fluoranthene	12.680	202	927352	46.094	ng	95
77) Benzidine	12.804	184	512159	76.326	ng	97
78) Pyrene	12.916	202	928904	43.302	ng	100
80) Butylbenzylphthalate	13.521	149	437610	43.090	ng	93
81) Benzo(a)anthracene	14.098	228	728848	43.784	ng	100
82) 3,3'-Dichlorobenzidine	14.063	252	211131	40.245	ng	# 97
83) Chrysene	14.139	228	698290	44.609	ng	100
84) Bis(2-ethylhexyl)phtha...	14.074	149	575809	43.186	ng	# 97
85) Di-n-octyl phthalate	14.692	149	856820	44.633	ng	97
87) Indeno(1,2,3-cd)pyrene	17.151	276	539741	45.526	ng	# 86
88) Benzo(b)fluoranthene	15.168	252	626216	51.568	ng	# 94
89) Benzo(k)fluoranthene	15.198	252	540003	46.104	ng	# 96
90) Benzo(a)pyrene	15.551	252	533919	56.289	ng	# 94
91) Dibenzo(a,h)anthracene	17.174	278	460384	46.953	ng	# 92
92) Benzo(g,h,i)perylene	17.621	276	453470	46.911	ng	# 87

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

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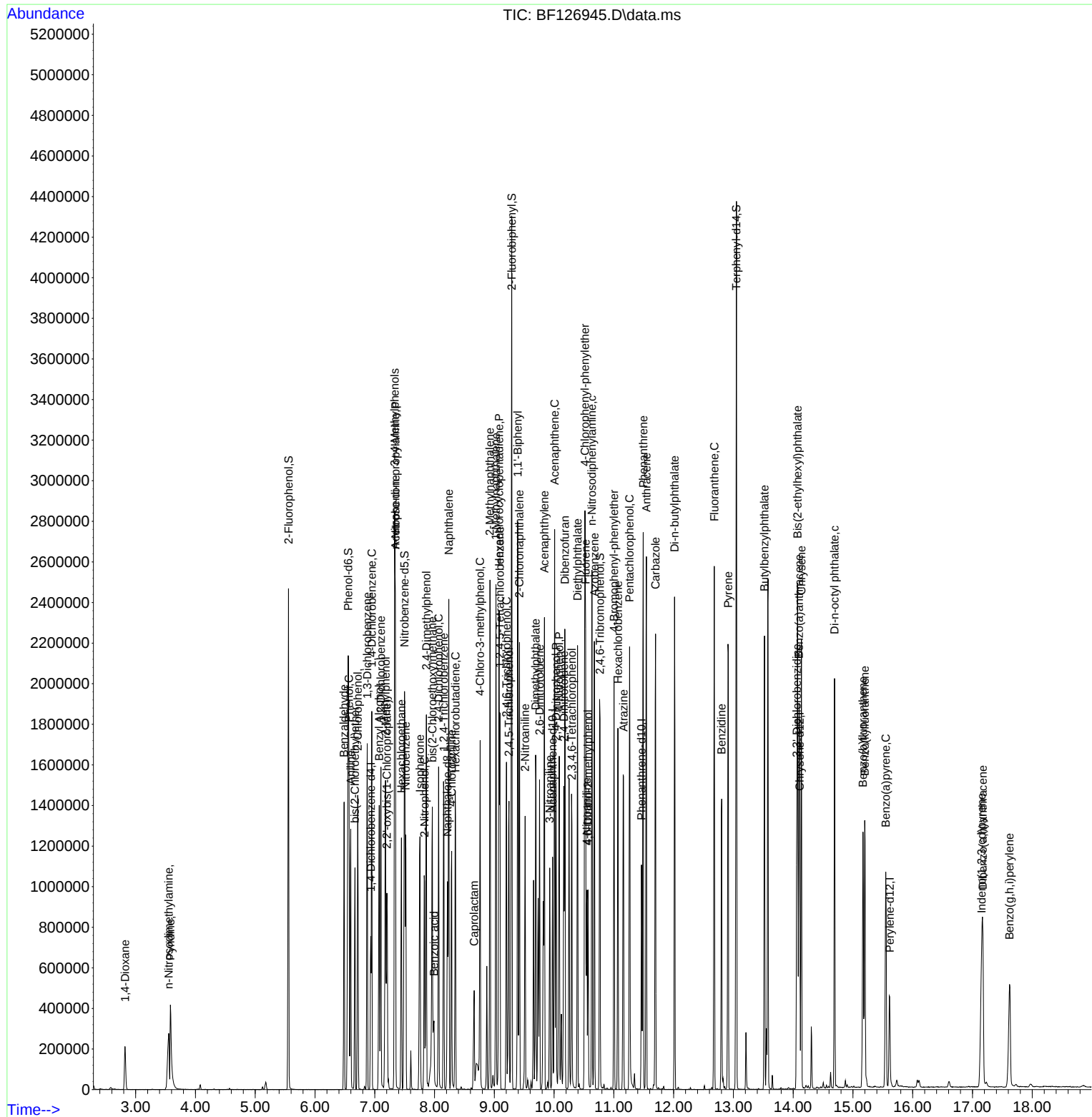
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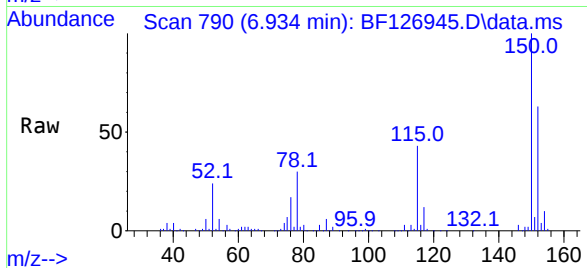
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

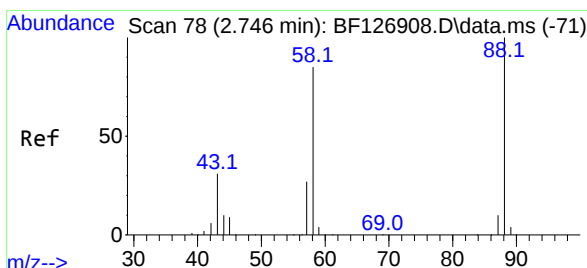
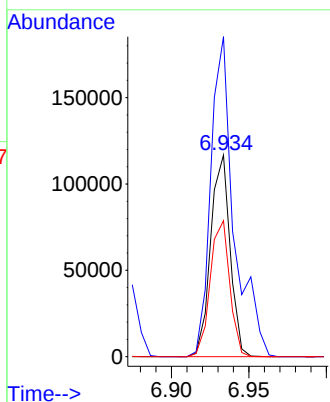
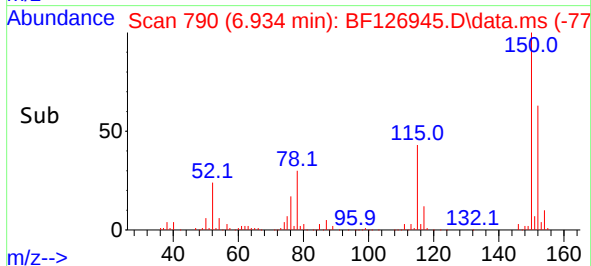


Tgt Ion:152 Resp: 101777
Ion Ratio Lower Upper
152 100
150 158.8 128.1 192.1
115 67.5 56.7 85.1

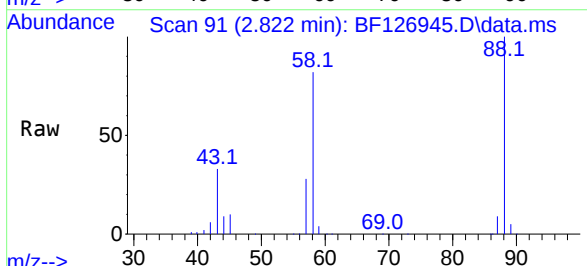
Manual Integrations

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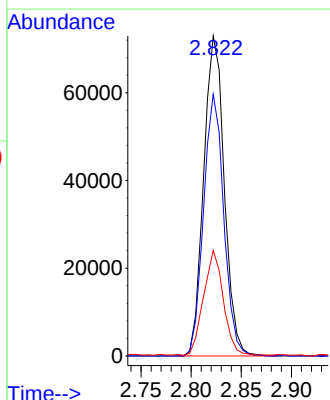
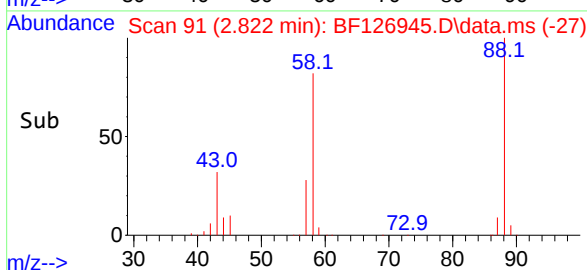
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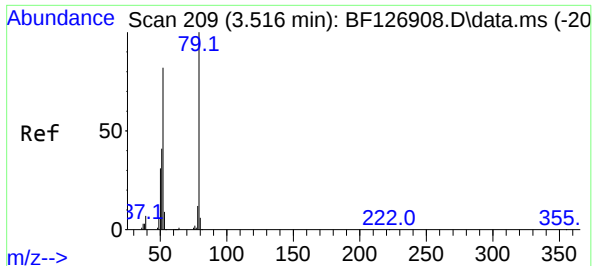


#2
1,4-Dioxane
Concen: 34.681 ng
RT: 2.822 min Scan# 91
Delta R.T. 0.077 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



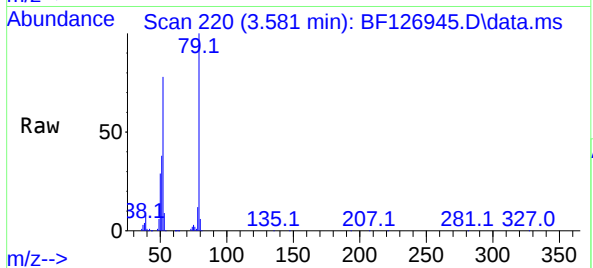
Tgt Ion: 88 Resp: 104504
Ion Ratio Lower Upper
88 100
58 80.1 62.8 94.2
43 31.3 22.3 33.5





#3
Pyridine
Concen: 29.876 ng
RT: 3.581 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

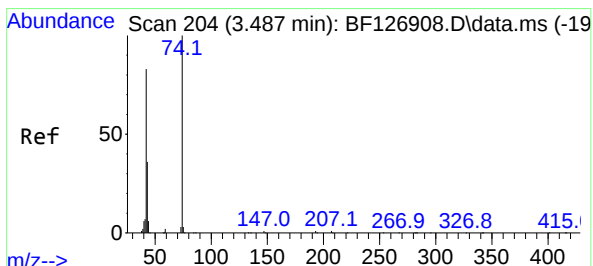
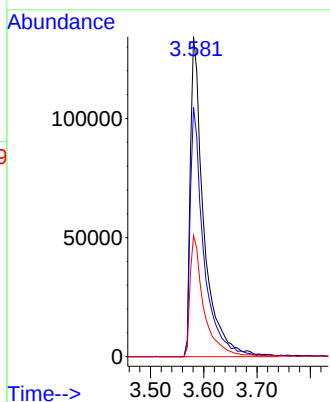
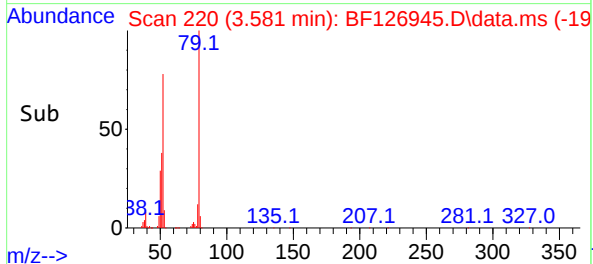
Instrument :
BNA_F
ClientSampleId :
PB142765BS



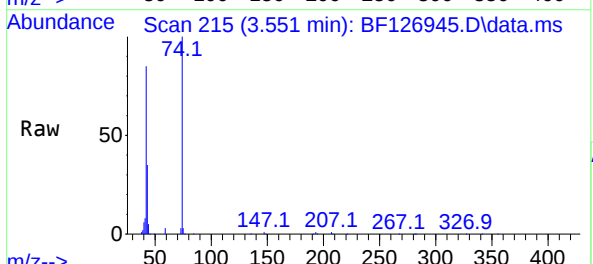
Tgt Ion: 79 Resp: 23613
Ion Ratio Lower Upper
79 100
52 78.0 56.2 84.4
51 37.9 26.7 40.1

Manual Integrations
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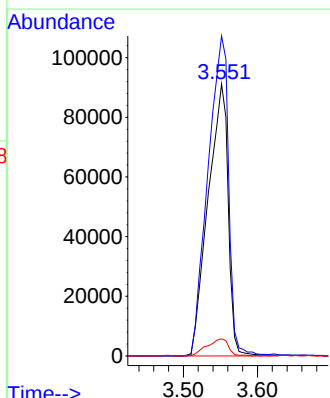
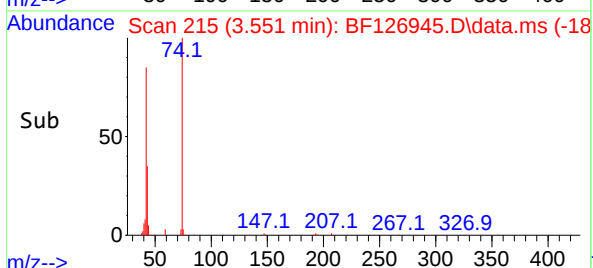
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#4
n-Nitrosodimethylamine
Concen: 44.346 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.065 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion: 42 Resp: 171693
Ion Ratio Lower Upper
42 100
74 117.6 125.6 188.4
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 88.789 ng
RT: 5.557 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

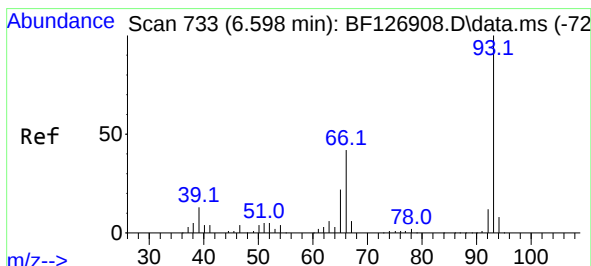
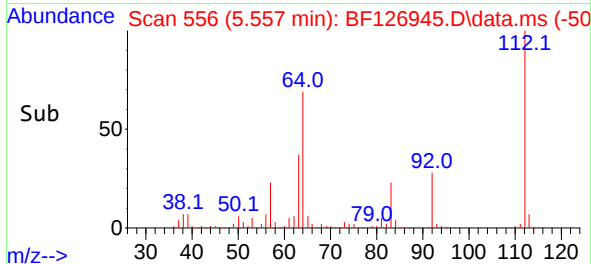
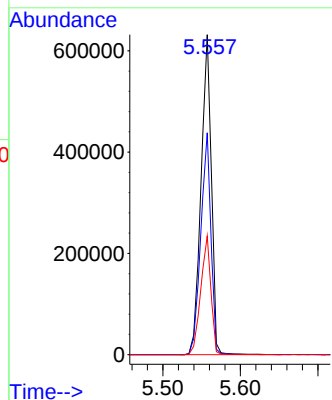
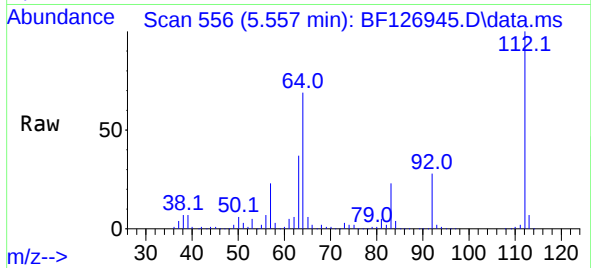
PB142765BS

Tgt Ion:112 Resp: 58468
Ion Ratio Lower Upper
112 100
64 69.4 49.5 74.3
63 37.1 23.9 35.9

Manual Integrations

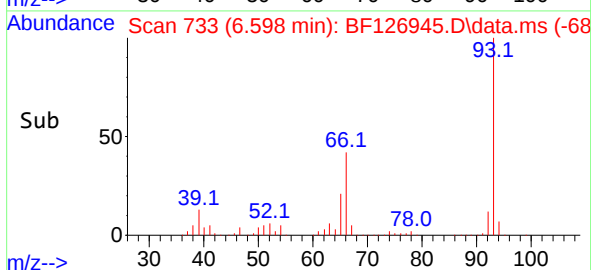
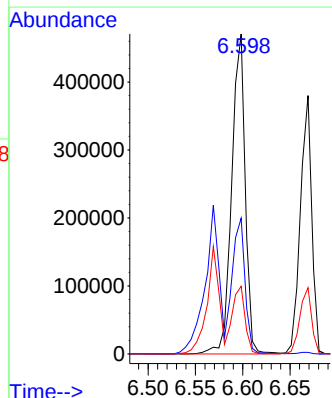
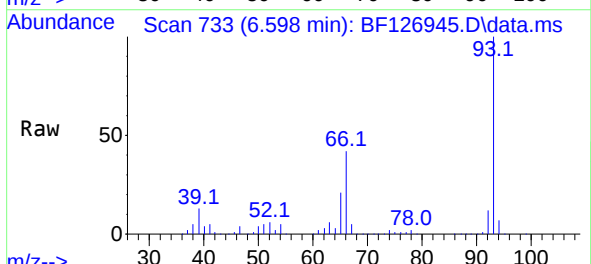
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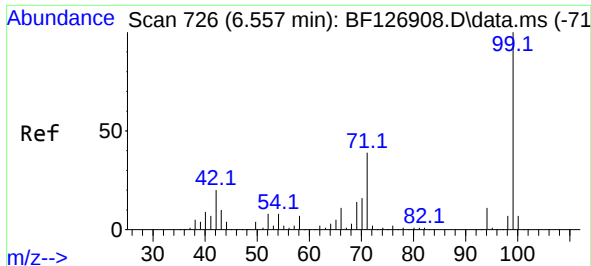
Reviewed By :Christian Giraldo 02/21/2022
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#6
Aniline
Concen: 44.318 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion: 93 Resp: 466580
Ion Ratio Lower Upper
93 100
66 42.4 32.2 48.4
65 21.2 16.3 24.5





#7

Phenol-d6

Concen: 85.462 ng

RT: 6.557 min Scan# 726

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

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Tgt Ion: 99 Resp: 75938

Ion Ratio Lower Upper

99 100

42 20.7 14.2 21.4

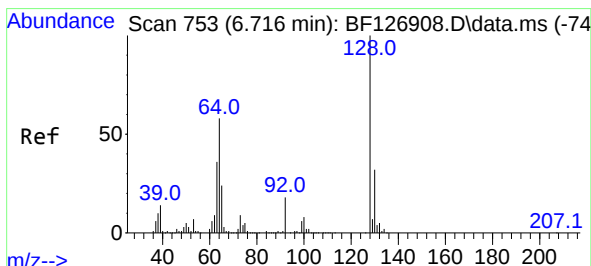
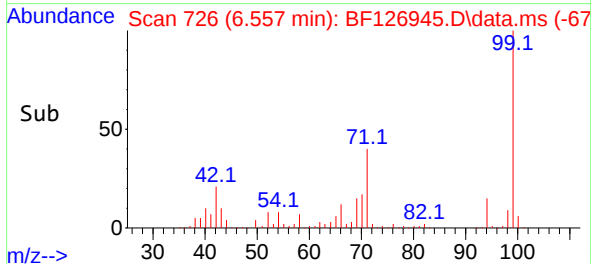
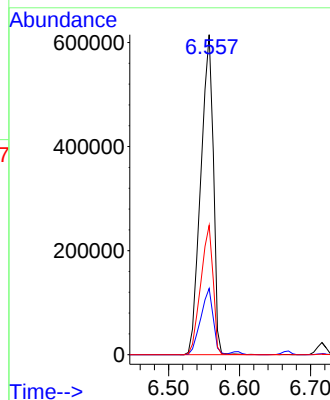
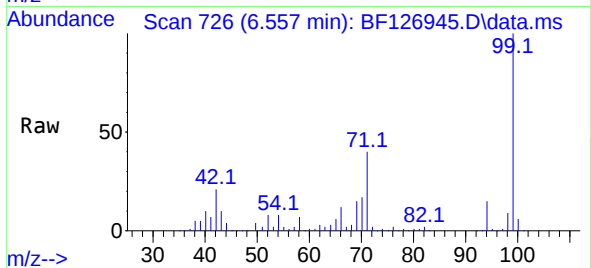
71 40.4 24.3 36.5

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#8

2-Chlorophenol

Concen: 46.351 ng

RT: 6.716 min Scan# 753

Delta R.T. 0.000 min

Lab File: BF126945.D

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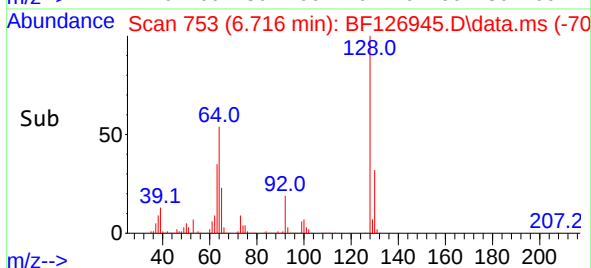
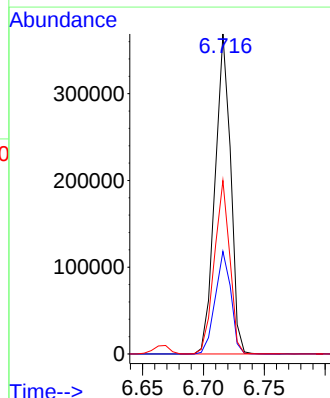
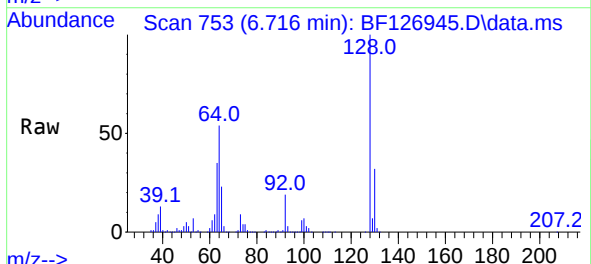
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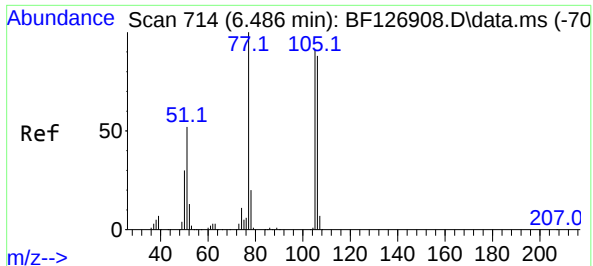
Ion Ratio Lower Upper

128 100

130 32.0 12.7 52.7

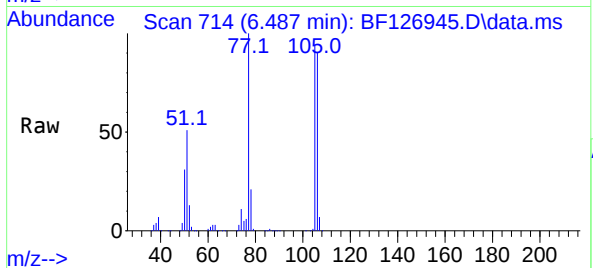
64 54.2 35.6 75.6





#9
Benzaldehyde
Concen: 46.639 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126945.D
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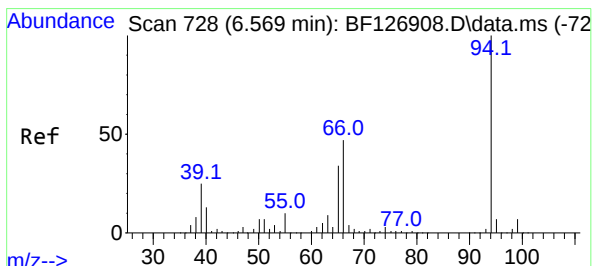
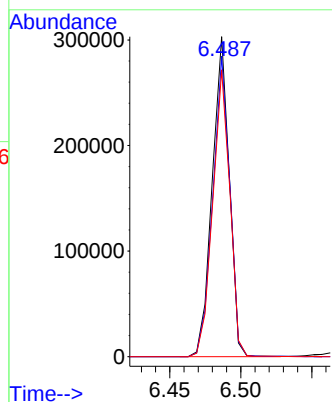
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Tgt Ion: 77 Resp: 252260
Ion Ratio Lower Upper
77 100
105 93.9 74.9 114.9
106 89.7 72.4 112.4

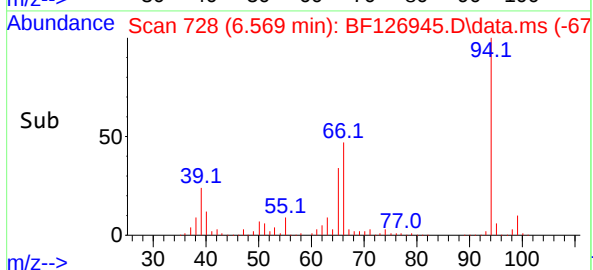
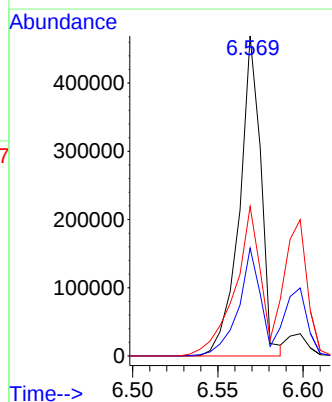
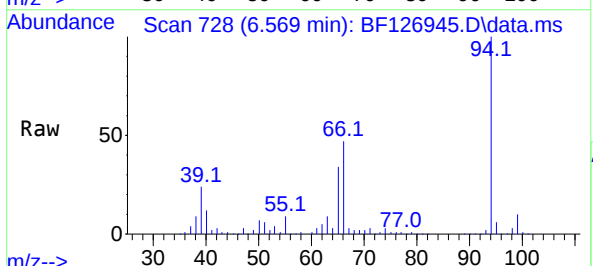
Manual Integrations
APPROVED

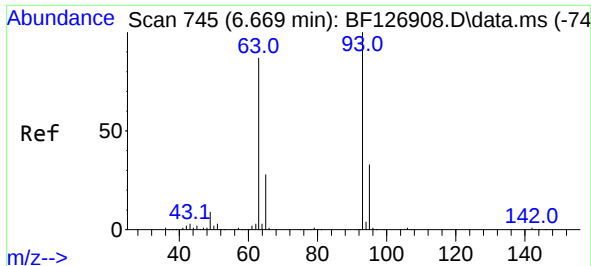
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#10
Phenol
Concen: 45.618 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion: 94 Resp: 409572
Ion Ratio Lower Upper
94 100
65 33.7 7.2 47.2
66 46.7 14.5 54.5





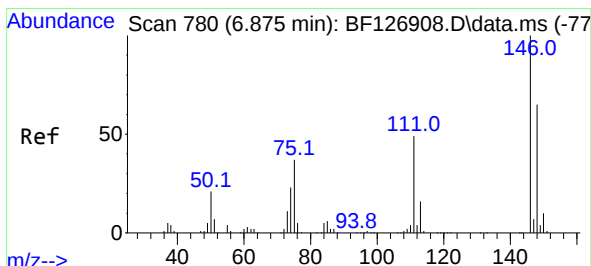
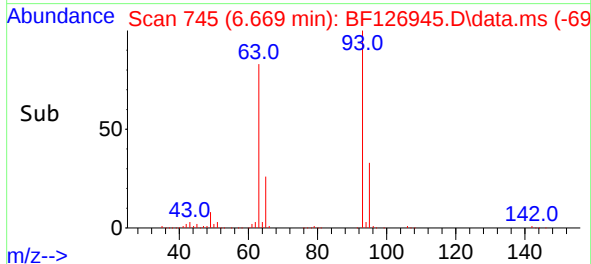
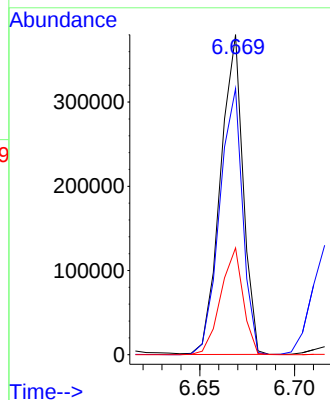
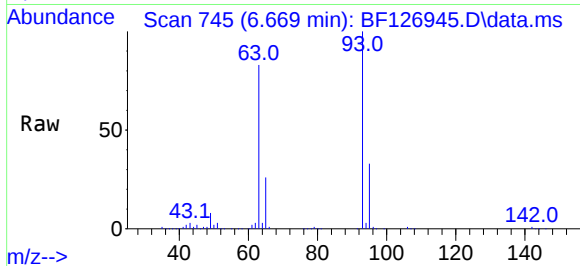
#11
bis(2-Chloroethyl)ether
Concen: 44.977 ng
RT: 6.669 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB142765BS

Tgt Ion: 93 Resp: 316725
Ion Ratio Lower Upper
93 100
63 83.1 60.5 100.5
95 33.3 12.9 52.9

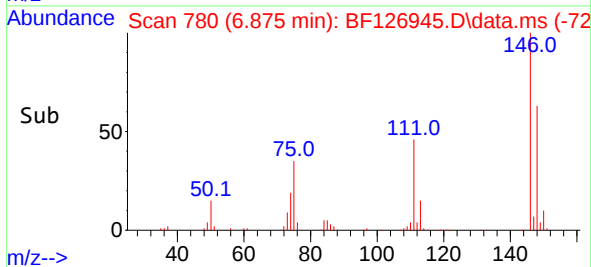
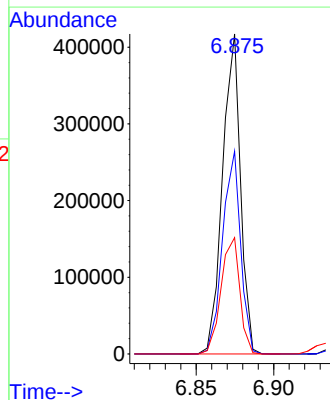
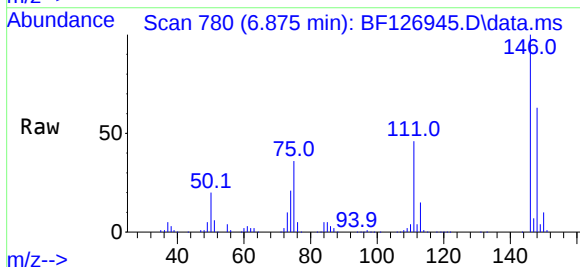
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

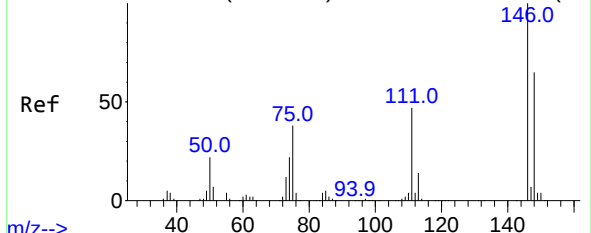


#12
1,3-Dichlorobenzene
Concen: 44.024 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:146 Resp: 335540
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 36.3 28.4 42.6

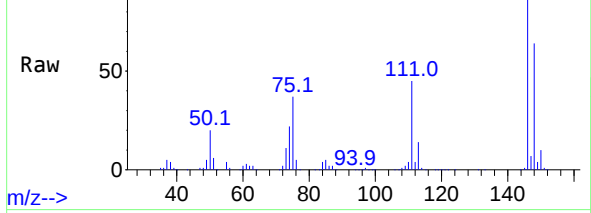


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78)



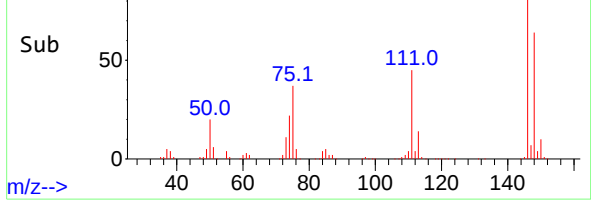
m/z-->

Abundance Scan 793 (6.951 min): BF126945.D\data.ms



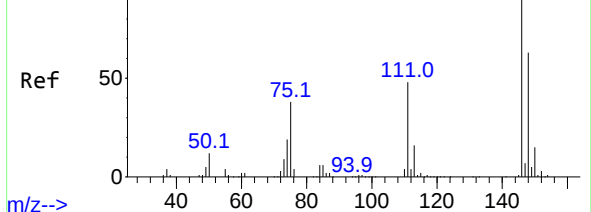
m/z-->

Abundance Scan 793 (6.951 min): BF126945.D\data.ms (-74)



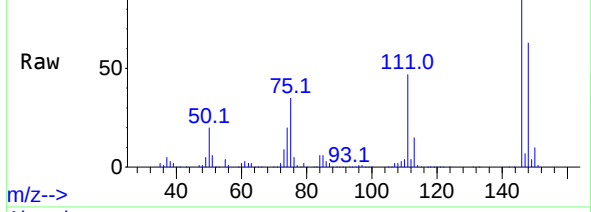
m/z-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81)



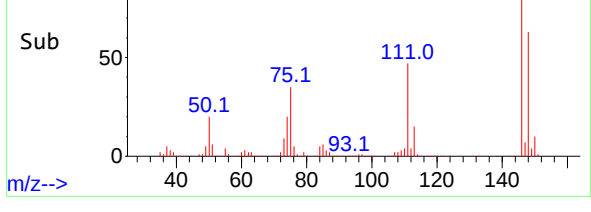
m/z-->

Abundance Scan 819 (7.104 min): BF126945.D\data.ms



m/z-->

Abundance Scan 819 (7.104 min): BF126945.D\data.ms (-76)



m/z-->

#13

1,4-Dichlorobenzene

Concen: 44.603 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion:146 Resp: 34464

Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.6

111 45.1 36.1 54.1

Instrument :

BNA_F

ClientSampleId :

PB142765BS

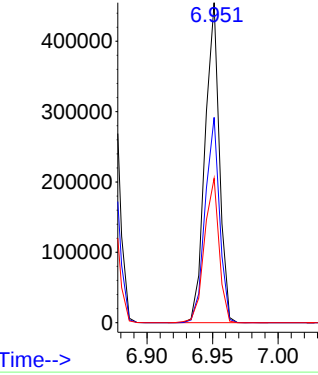
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 44.374 ng

RT: 7.104 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion:146 Resp: 326975

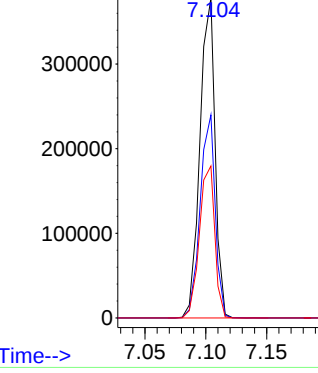
Ion Ratio Lower Upper

146 100

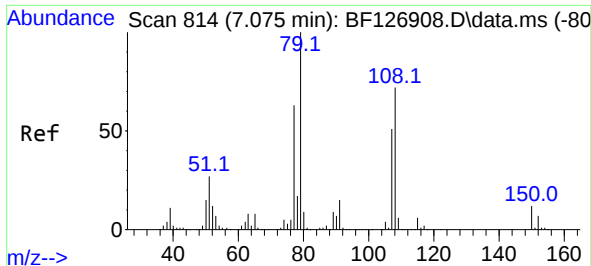
148 63.4 51.6 77.4

111 47.5 40.2 60.2

Abundance

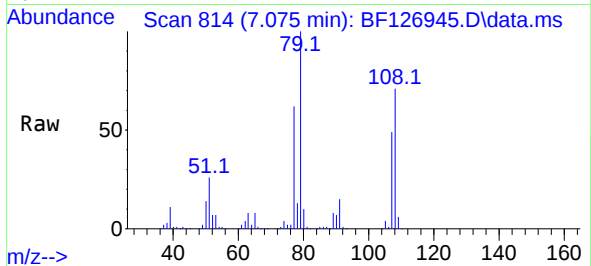


Time-->



#15
Benzyl Alcohol
Concen: 42.892 ng
RT: 7.075 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

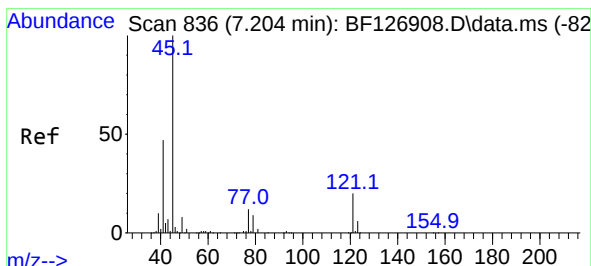
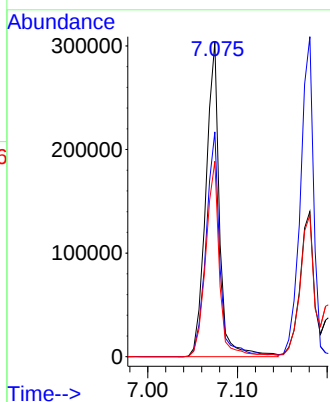
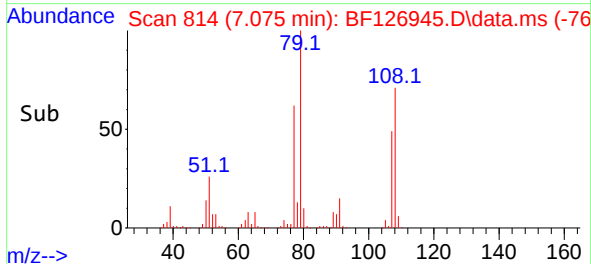
Instrument :
BNA_F
ClientSampleId :
PB142765BS



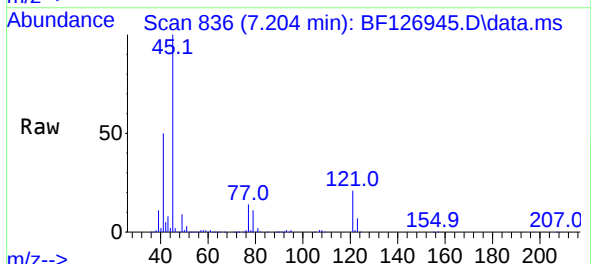
Tgt Ion: 79 Resp: 321078
Ion Ratio Lower Upper
79 100
108 71.4 63.2 94.8
77 62.1 49.4 74.2

Manual Integrations
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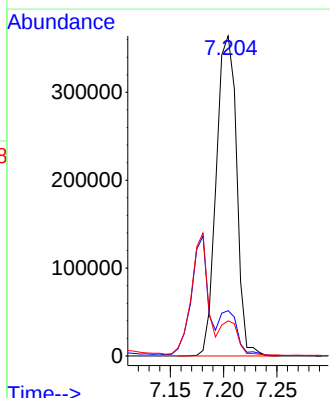
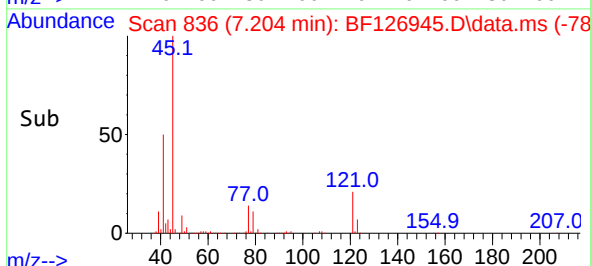
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

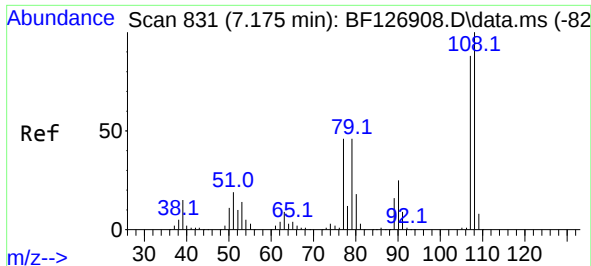


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.453 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion: 45 Resp: 481841
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.4
79 10.9 0.0 29.8





#17

2-Methylphenol

Concen: 44.733 ng

RT: 7.181 min Scan# 831

Delta R.T. 0.006 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

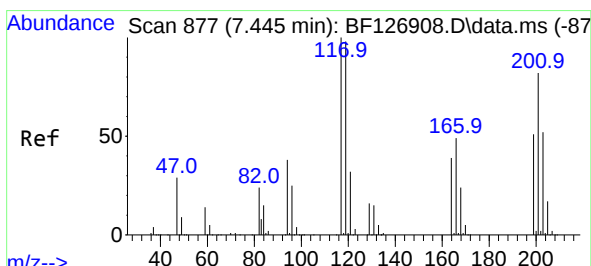
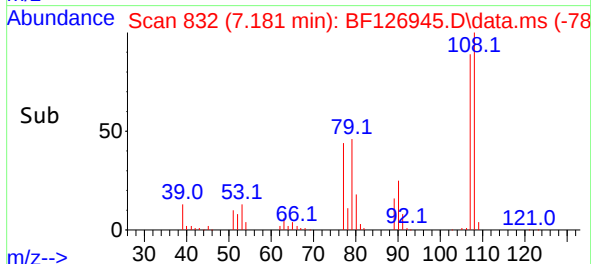
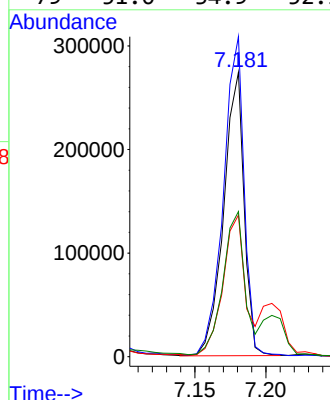
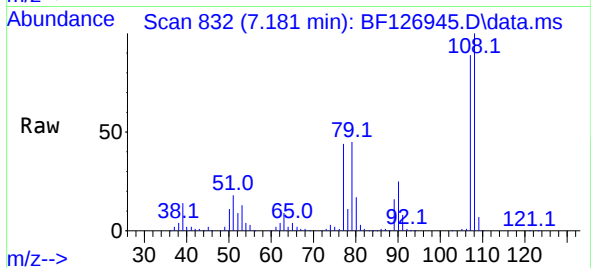
Tgt Ion:107 Resp: 273449

Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.4	140.0
77	49.8	36.1	54.1
79	51.0	34.9	52.3

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#18

Hexachloroethane

Concen: 45.030 ng

RT: 7.445 min Scan# 877

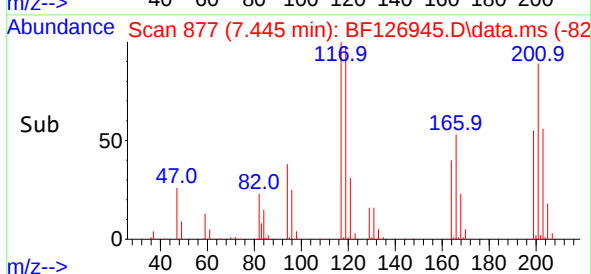
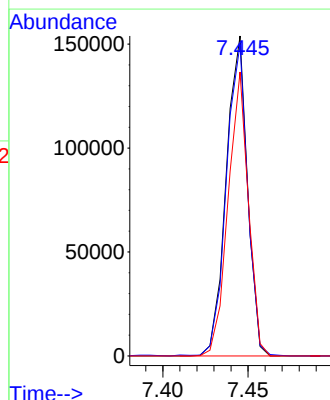
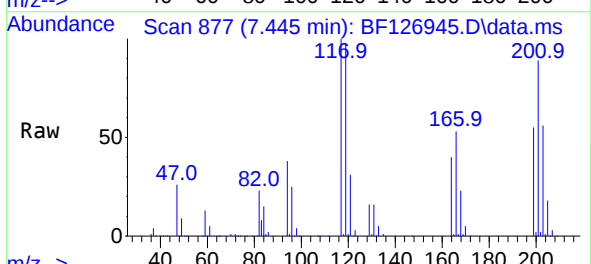
Delta R.T. 0.000 min

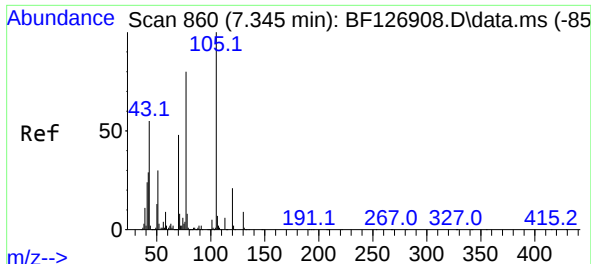
Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion:117 Resp: 133368

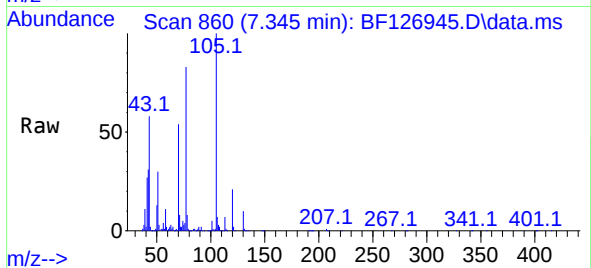
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.4	113.0
201	88.8	56.8	85.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.450 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

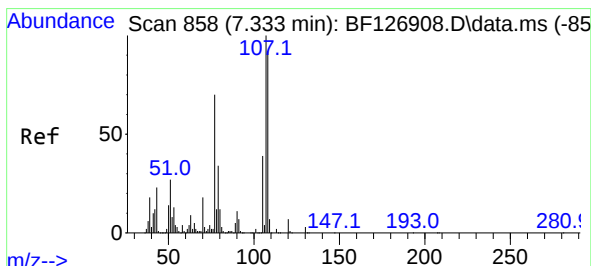
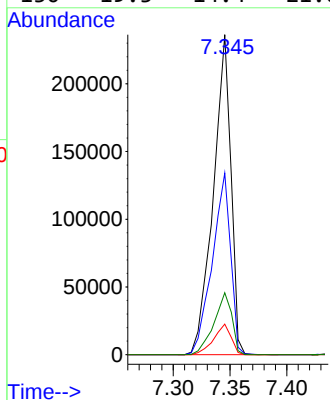
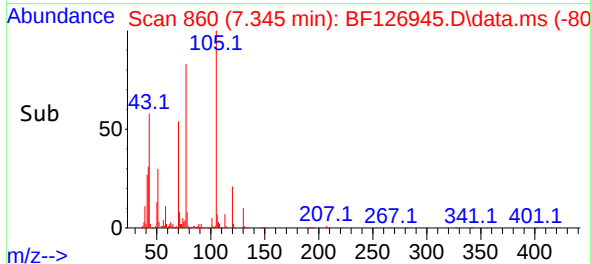
Instrument :
BNA_F
ClientSampleId :
PB142765BS



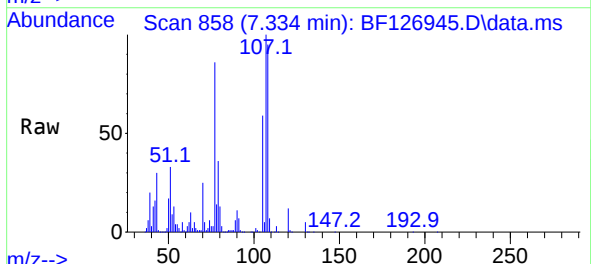
Tgt Ion: 70 Resp: 25450
Ion Ratio Lower Upper
70 100
42 56.7 45.8 68.8
101 9.6 6.9 10.3
130 19.3 14.4 21.6

Manual Integrations
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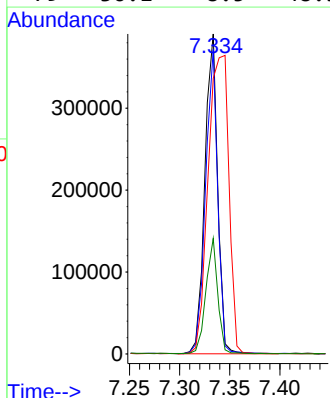
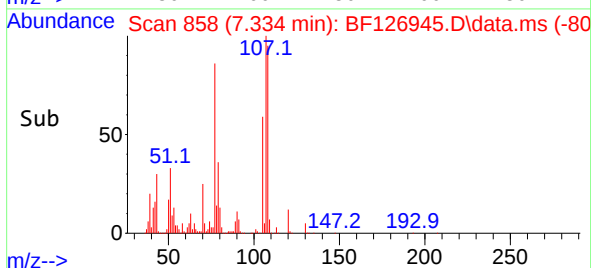
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

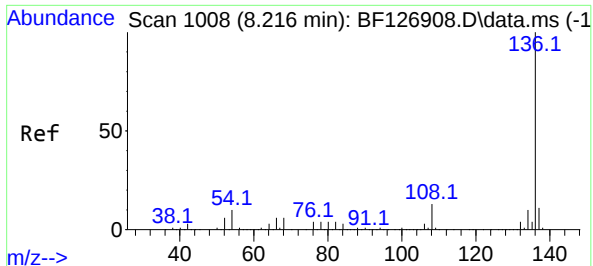


#20
3+4-Methylphenols
Concen: 43.779 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:107 Resp: 347515
Ion Ratio Lower Upper
107 100
108 95.2 72.4 112.4
77 86.2 83.8 123.8
79 36.1 8.5 48.5





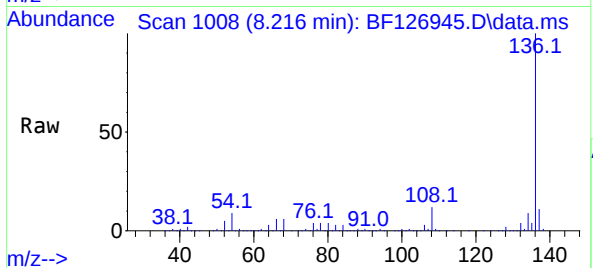
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

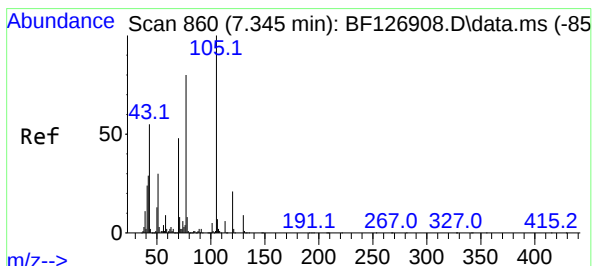
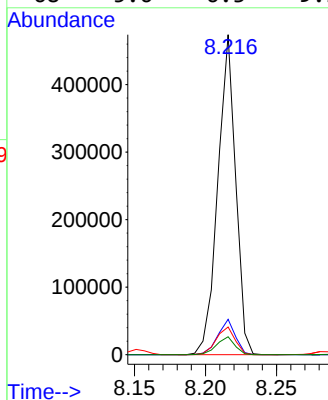
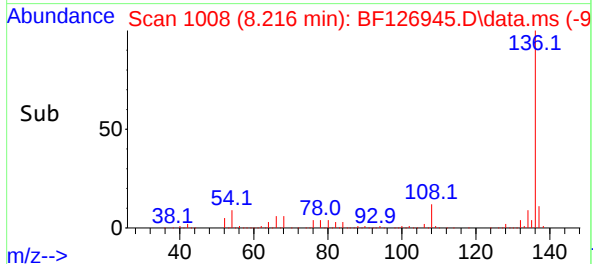


Tgt Ion:136 Resp: 413189
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.7 7.8 11.6
68 5.6 6.3 9.5#

Manual Integrations

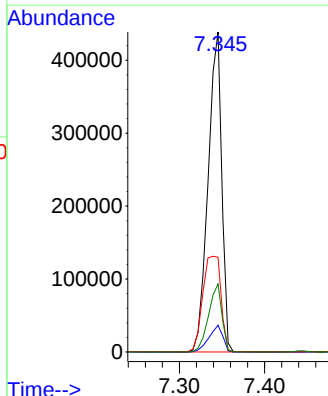
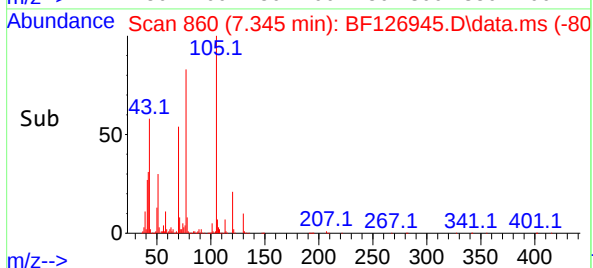
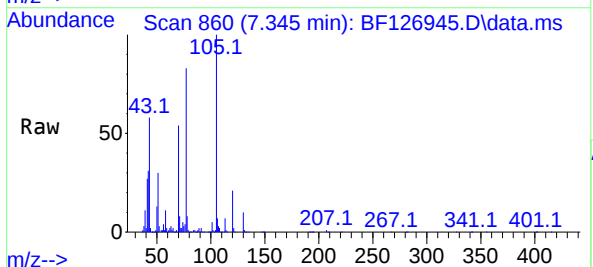
APPROVED

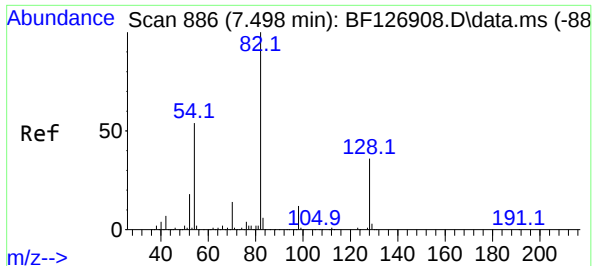
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#22
Acetophenone
Concen: 44.900 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:105 Resp: 488465
Ion Ratio Lower Upper
105 100
71 8.4 5.4 8.0#
51 29.6 27.4 41.0
120 21.3 17.0 25.6





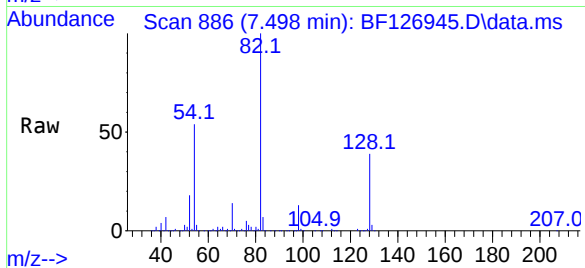
#23
Nitrobenzene-d5
Concen: 84.494 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

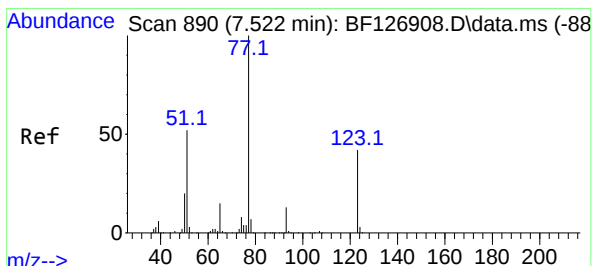
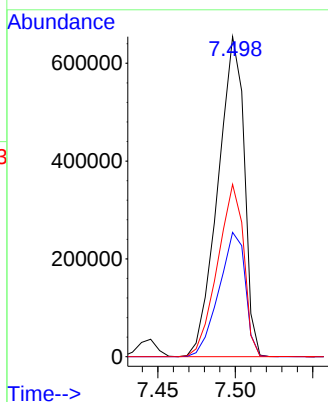
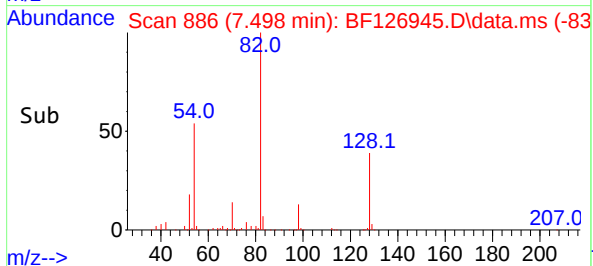
PB142765BS



Tgt Ion: 82 Resp: 773462
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 53.8 41.7 62.5

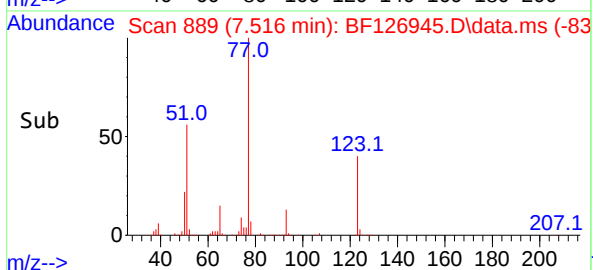
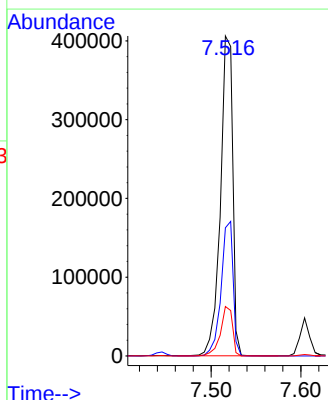
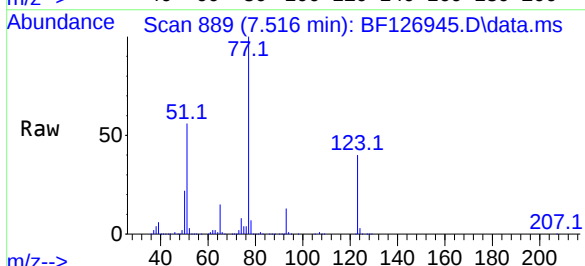
Manual Integrations
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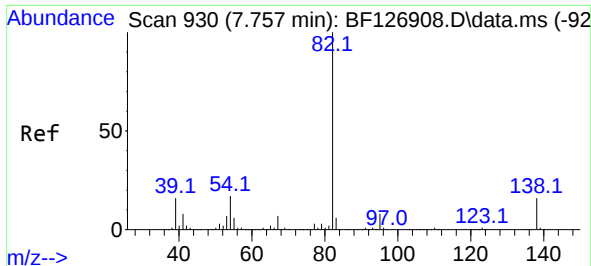
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#24
Nitrobenzene
Concen: 44.776 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

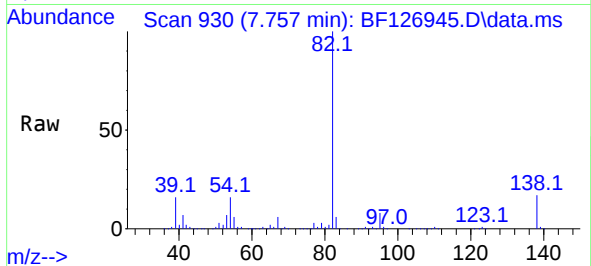
Tgt Ion: 77 Resp: 387203
Ion Ratio Lower Upper
77 100
123 40.1 34.6 52.0
65 15.4 10.6 15.8





#25
Isophorone
Concen: 43.986 ng
RT: 7.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

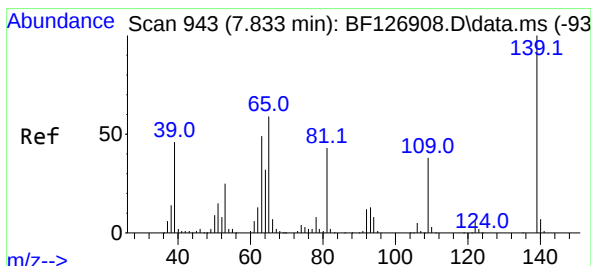
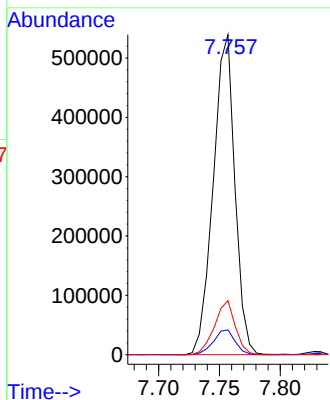
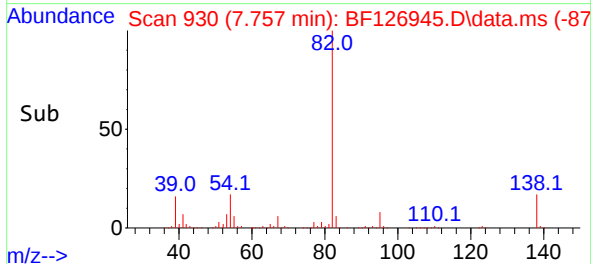
Instrument :
BNA_F
ClientSampleId :
PB142765BS



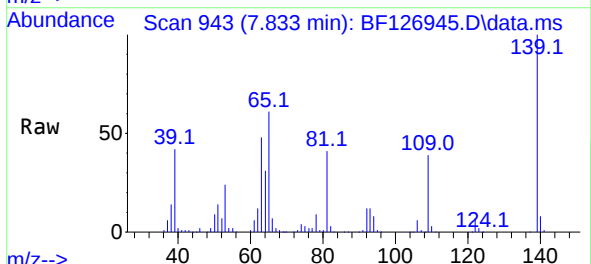
Tgt Ion: 82 Resp: 666274
Ion Ratio Lower Upper
82 100
95 7.8 5.0 7.4
138 16.9 12.3 18.5

Manual Integrations
APPROVED

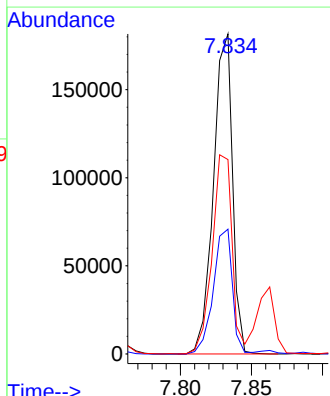
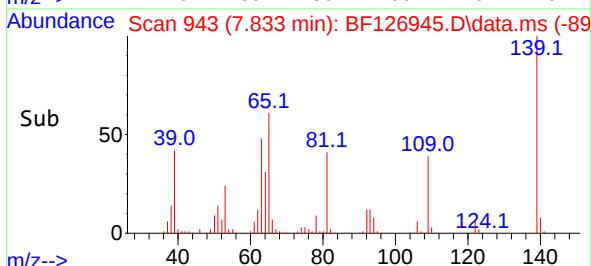
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

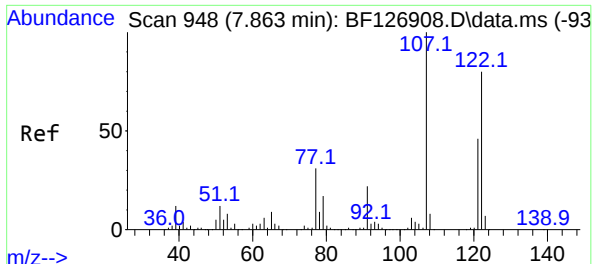


#26
2-Nitrophenol
Concen: 45.961 ng
RT: 7.833 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:139 Resp: 169223
Ion Ratio Lower Upper
139 100
109 39.0 20.0 30.0
65 60.7 40.8 61.2





#27
2,4-Dimethylphenol
Concen: 49.019 ng
RT: 7.863 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

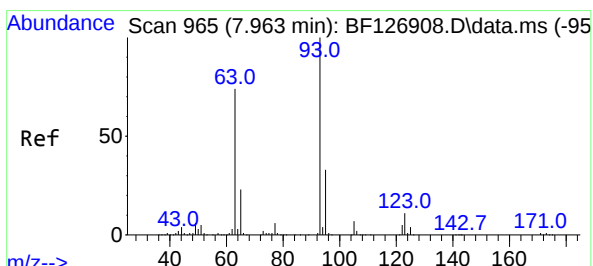
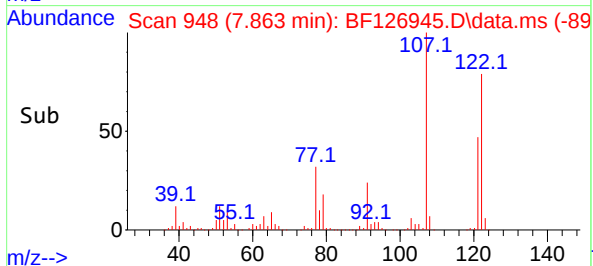
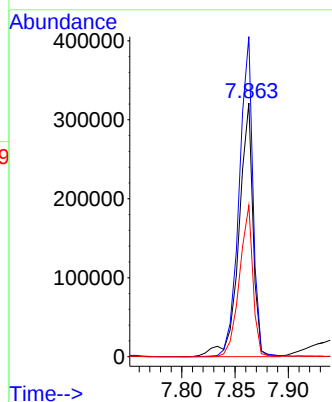
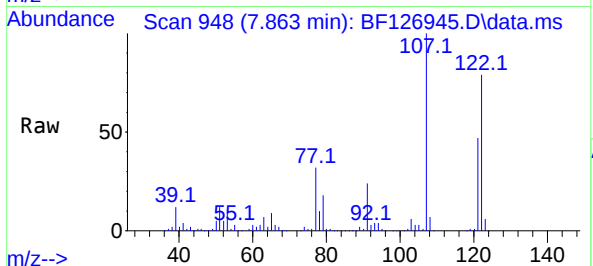
PB142765BS

Tgt Ion:122 Resp: 296490
Ion Ratio Lower Upper
122 100
107 126.2 91.2 136.8
121 59.6 44.4 66.6

Manual Integrations

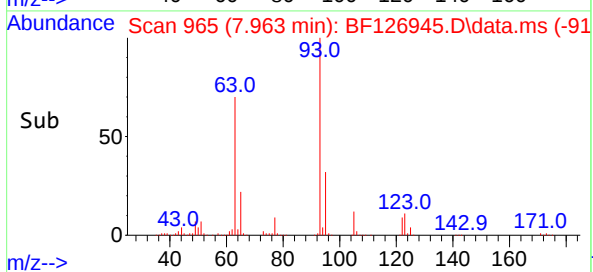
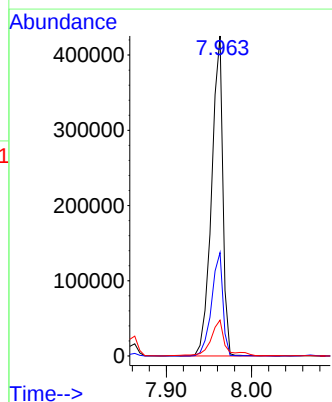
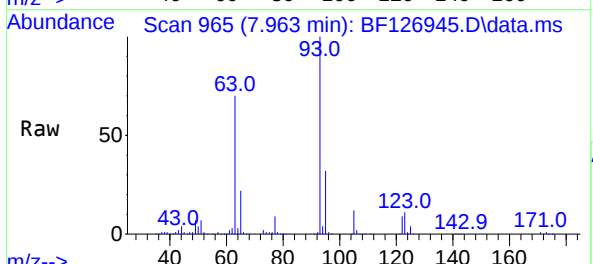
APPROVED

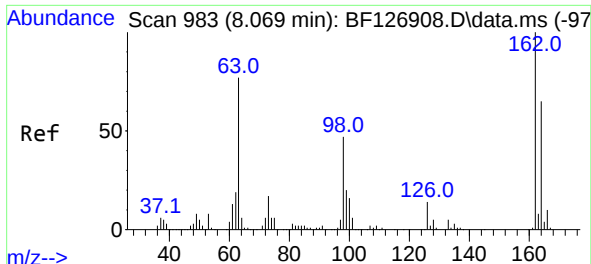
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#28
bis(2-Chloroethoxy)methane
Concen: 42.486 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion: 93 Resp: 390158
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.2
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 44.397 ng

RT: 8.069 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

Tgt Ion:162 Resp: 252468

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

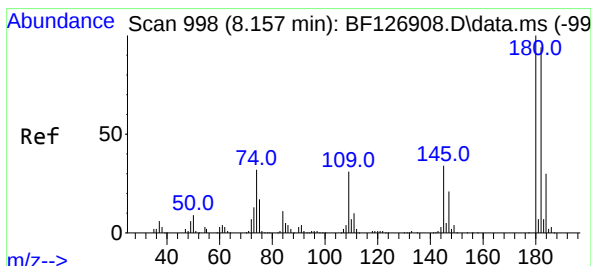
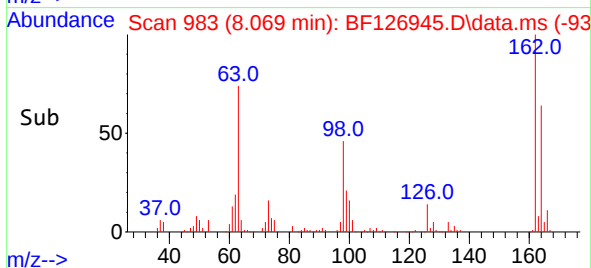
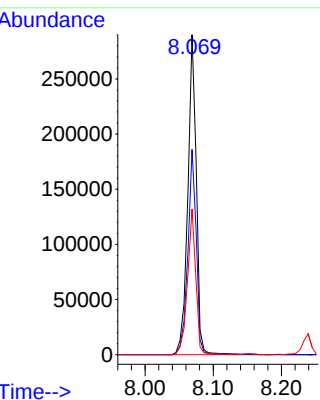
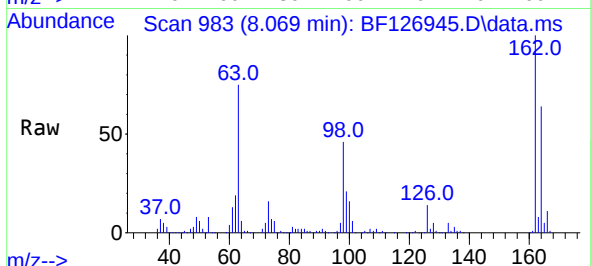
98 45.5 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.323 ng

RT: 8.157 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

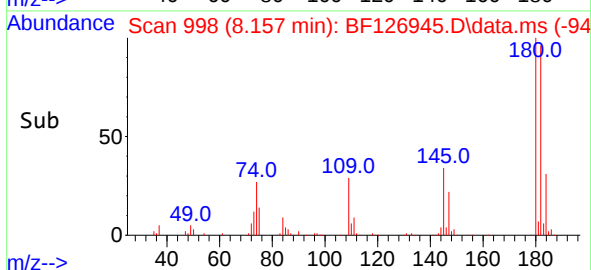
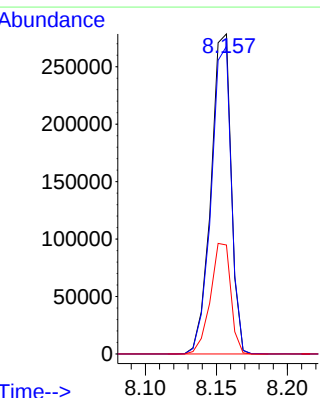
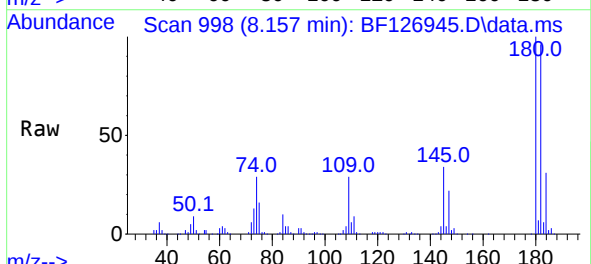
Tgt Ion:180 Resp: 275428

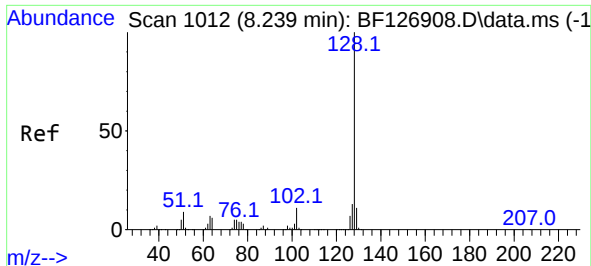
Ion Ratio Lower Upper

180 100

182 96.1 75.5 113.3

145 34.1 26.2 39.2





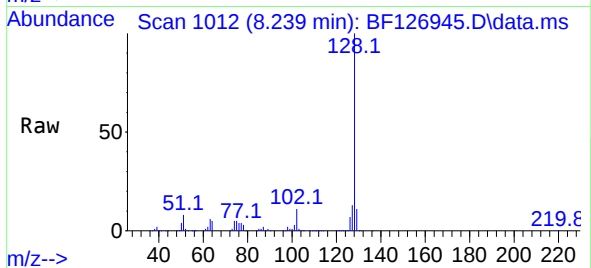
#31
Naphthalene
Concen: 44.085 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

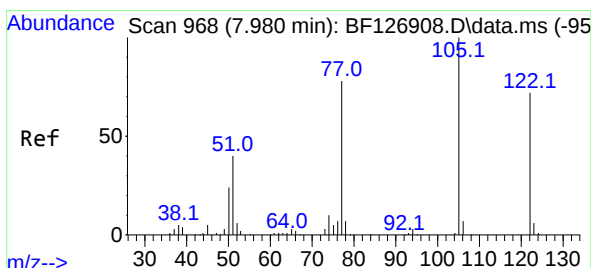
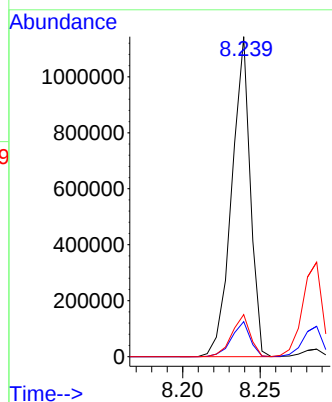
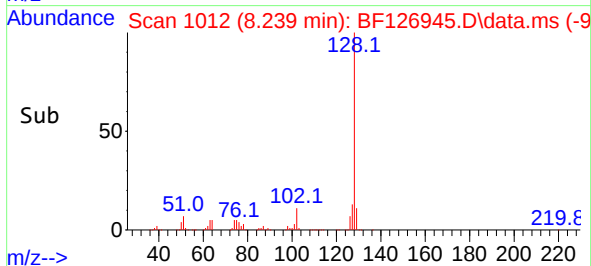


Tgt Ion:128 Resp: 950869
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5

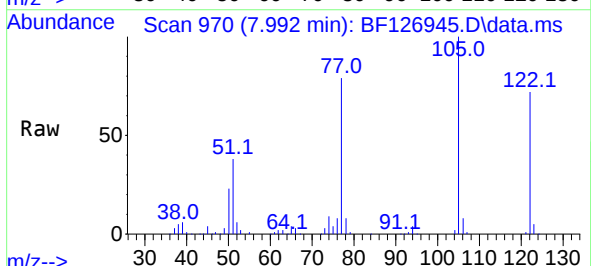
Manual Integrations

APPROVED

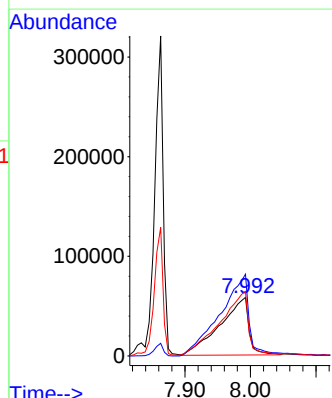
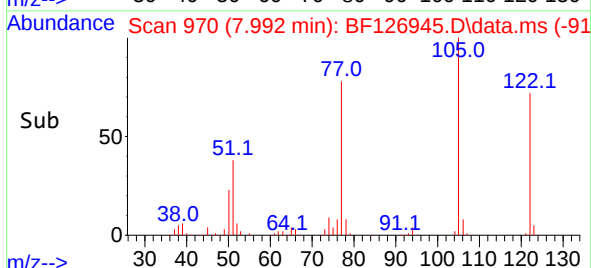
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

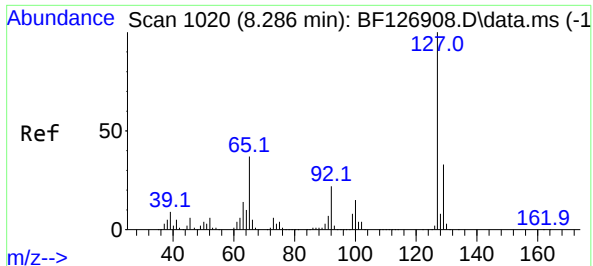


#32
Benzoic acid
Concen: 41.340 ng
RT: 7.992 min Scan# 970
Delta R.T. 0.012 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:122 Resp: 177331
Ion Ratio Lower Upper
122 100
105 139.5 101.0 141.0
77 110.1 74.5 114.5





#33
4-Chloroaniline
Concen: 36.022 ng
RT: 8.286 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

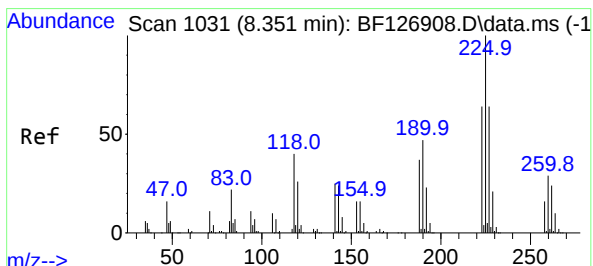
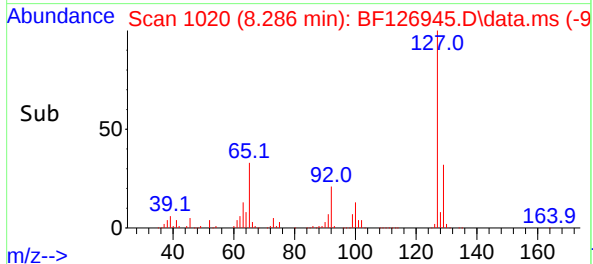
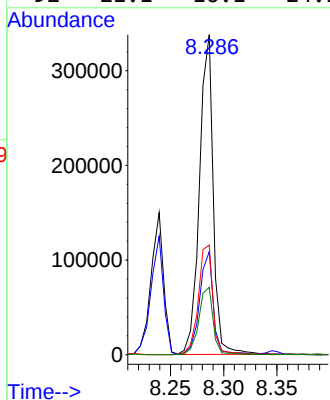
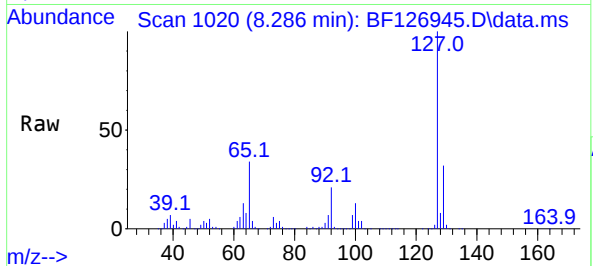
PB142765BS

Tgt Ion:127 Resp: 305819
Ion Ratio Lower Upper
127 100
129 32.2 26.5 39.7
65 34.2 26.6 39.8
92 21.1 16.1 24.1

Manual Integrations

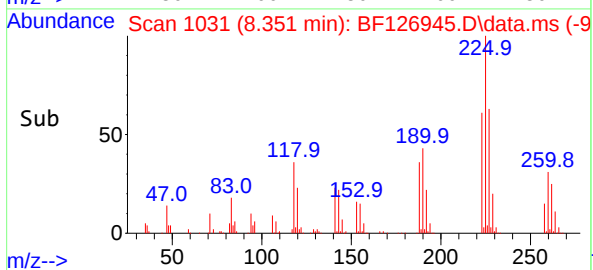
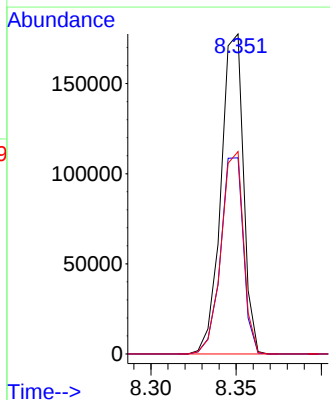
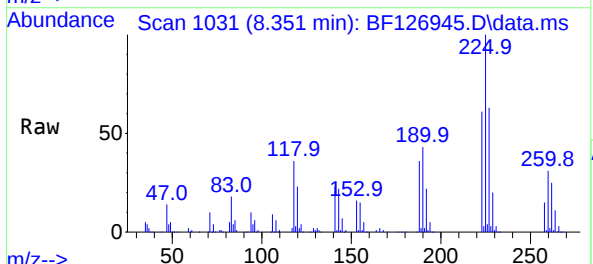
APPROVED

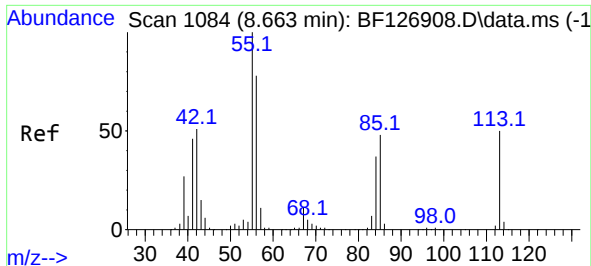
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#34
Hexachlorobutadiene
Concen: 43.931 ng
RT: 8.351 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

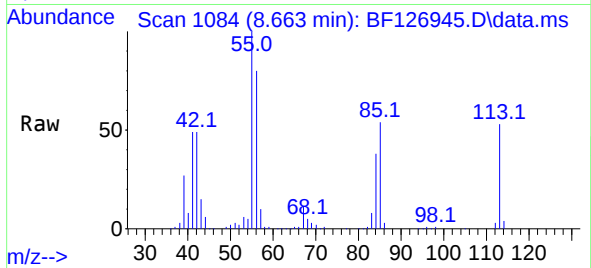
Tgt Ion:225 Resp: 163055
Ion Ratio Lower Upper
225 100
223 61.3 48.6 73.0
227 63.3 51.4 77.0





#35
Caprolactam
Concen: 45.514 ng m
RT: 8.663 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

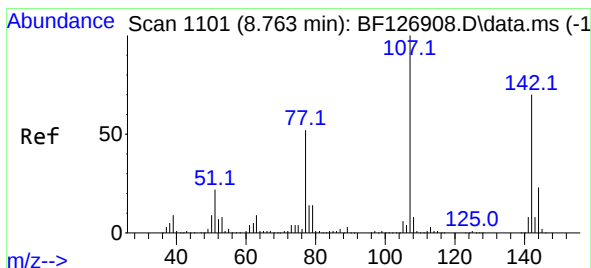
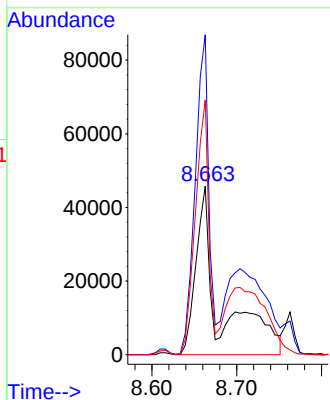
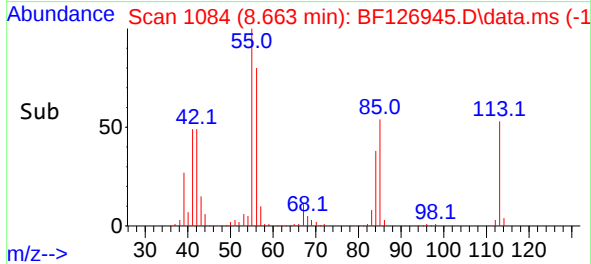
Instrument :
BNA_F
ClientSampleId :
PB142765BS



Tgt Ion:113 Resp: 9038
Ion Ratio Lower Upper
113 100
55 189.7 183.9 223.9
56 151.1 129.9 169.9

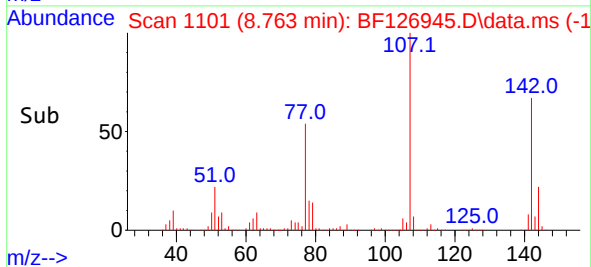
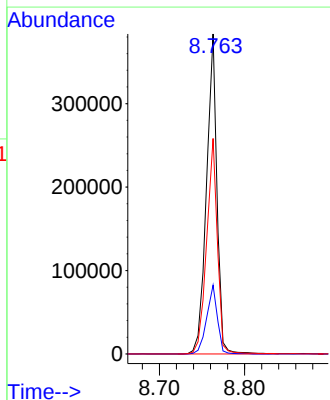
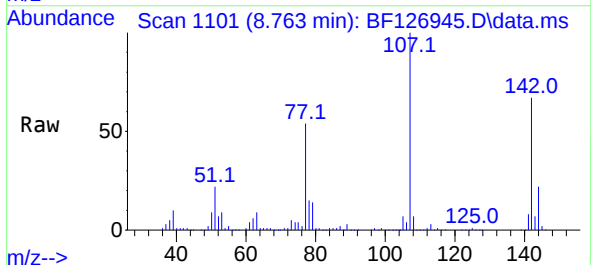
Manual Integrations
APPROVED

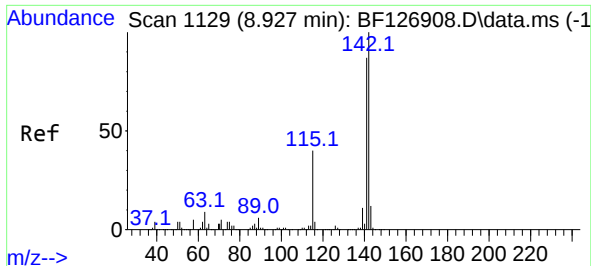
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#36
4-Chloro-3-methylphenol
Concen: 45.174 ng
RT: 8.763 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:107 Resp: 328308
Ion Ratio Lower Upper
107 100
144 21.5 18.5 27.7
142 67.3 58.1 87.1





#37

2-Methylnaphthalene

Concen: 45.476 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

Tgt Ion:142 Resp: 636479

Ion Ratio Lower Upper

142 100

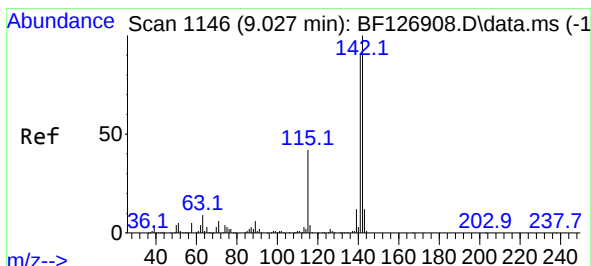
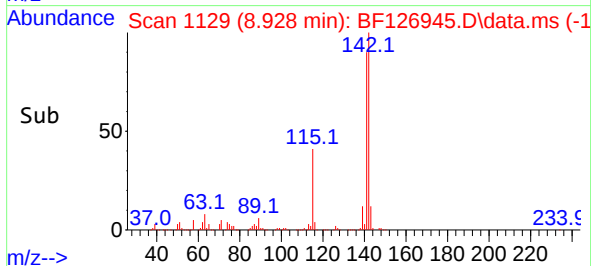
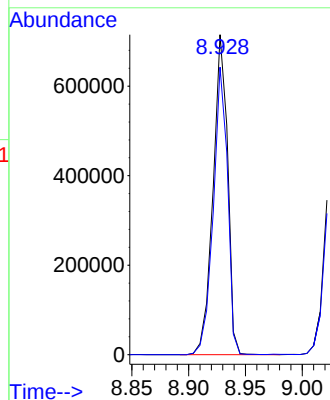
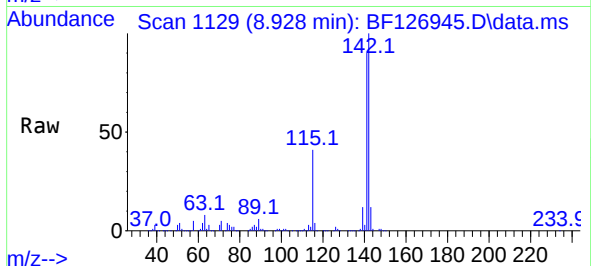
141 89.8 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#38

1-Methylnaphthalene

Concen: 43.951 ng

RT: 9.028 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF126945.D

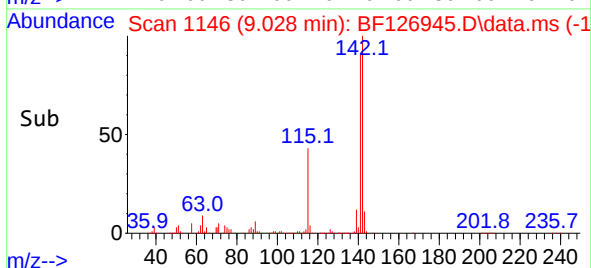
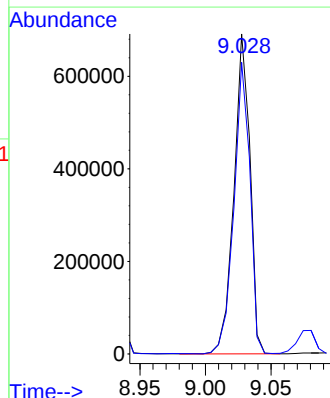
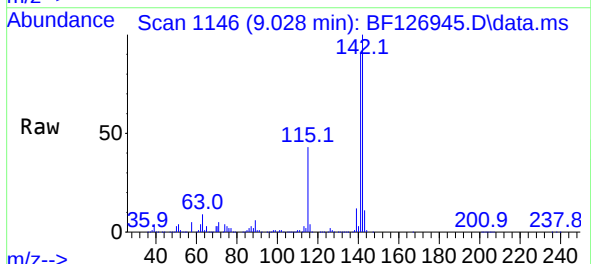
Acq: 18 Feb 2022 11:18

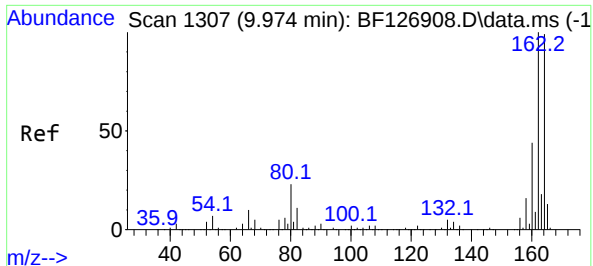
Tgt Ion:142 Resp: 589048

Ion Ratio Lower Upper

142 100

141 91.1 72.1 108.1





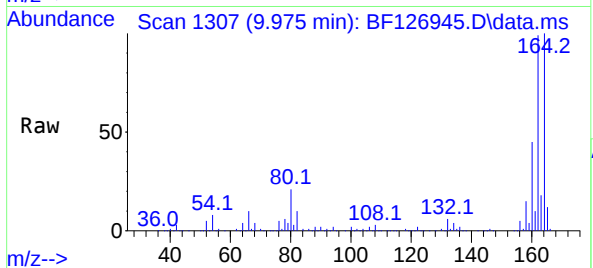
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNF

ClientSampleId :

PB142765BS

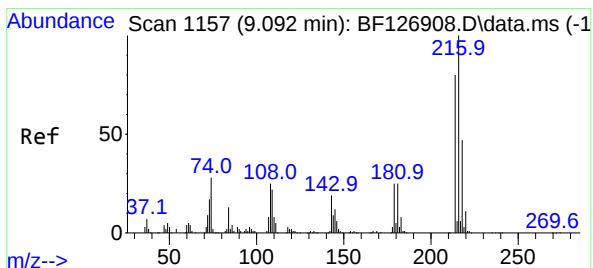
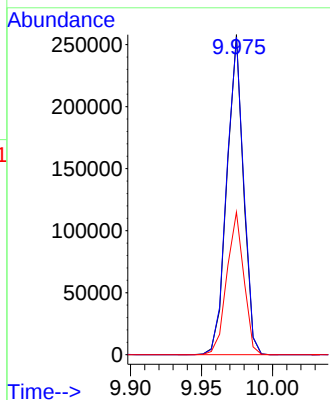
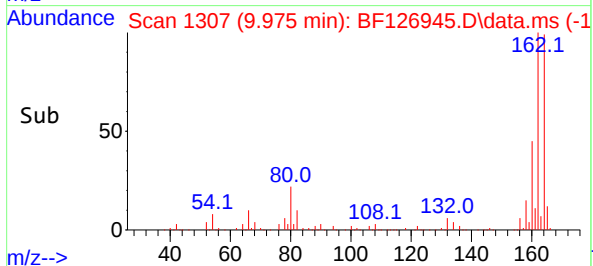


Tgt Ion:164 Resp: 20808
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.0
160 44.6 36.6 54.8

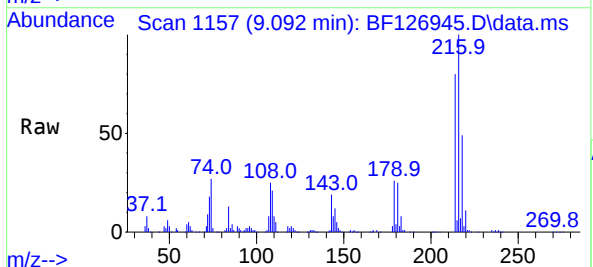
Manual Integrations

APPROVED

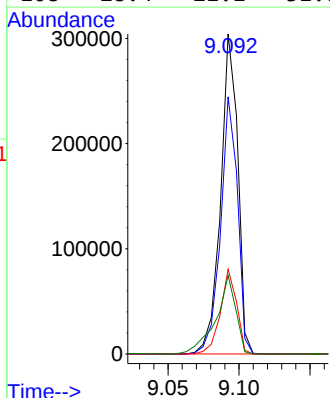
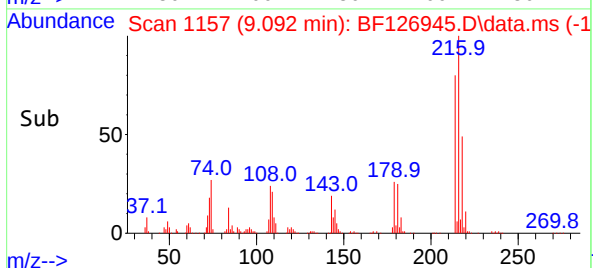
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

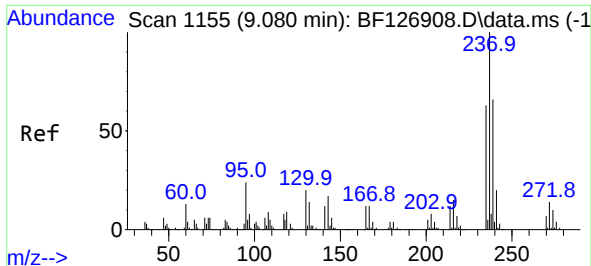


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.530 ng
RT: 9.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:216 Resp: 254876
Ion Ratio Lower Upper
216 100
214 79.3 64.6 96.8
179 25.1 19.5 29.3
108 28.4 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 111.484 ng
RT: 9.080 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

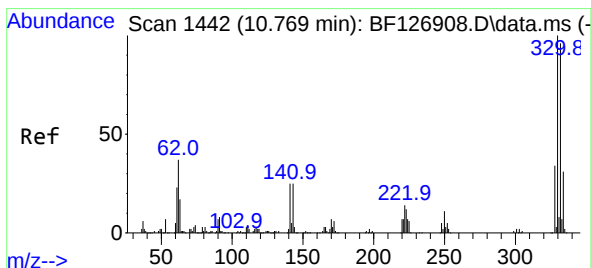
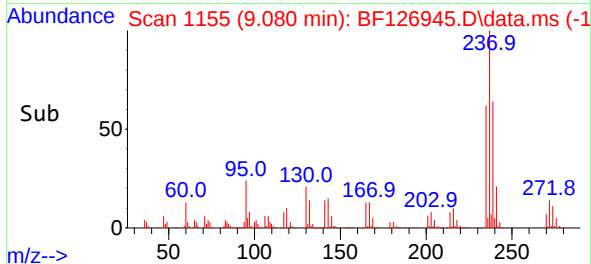
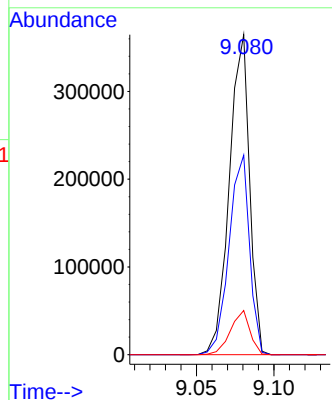
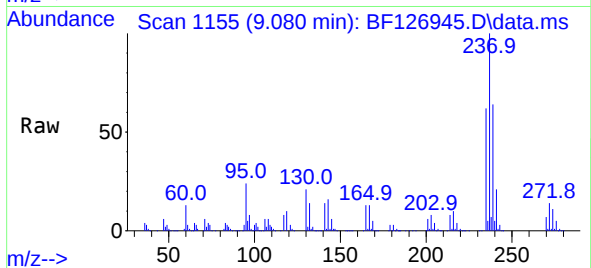
PB142765BS

Tgt Ion:237 Resp: 331202
Ion Ratio Lower Upper
237 100
235 62.4 38.9 78.9
272 13.8 0.0 33.5

Manual Integrations

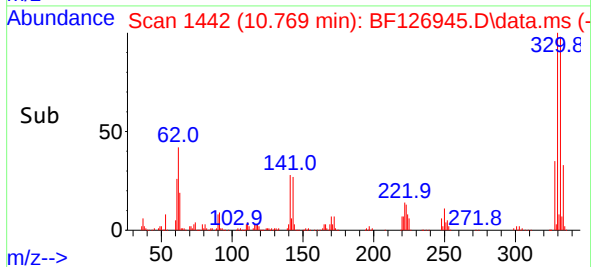
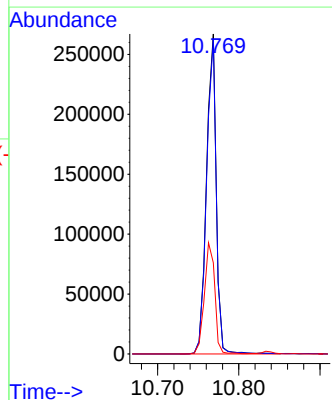
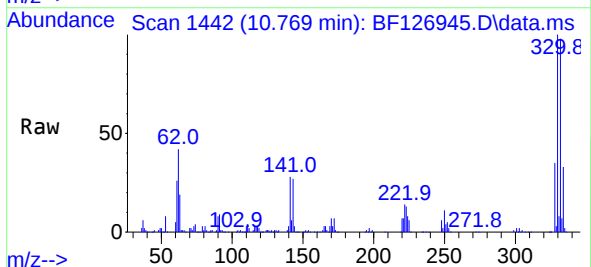
APPROVED

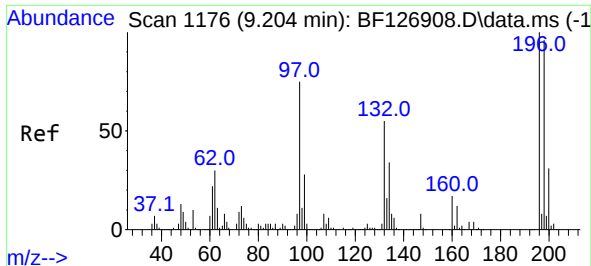
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#42
2,4,6-Tribromophenol
Concen: 92.741 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:330 Resp: 222193
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 37.2 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 44.337 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

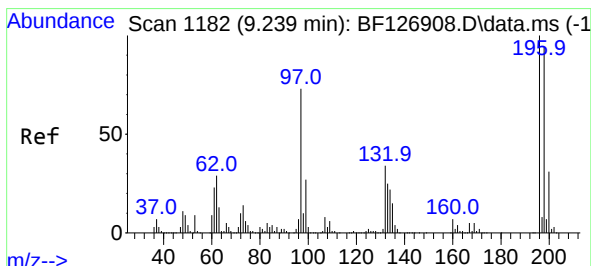
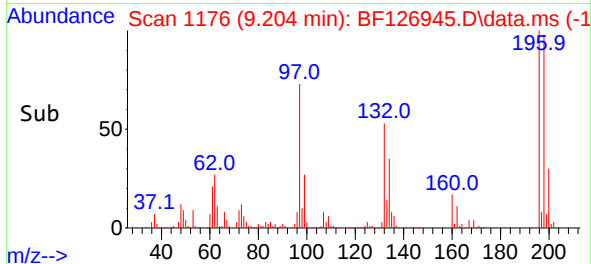
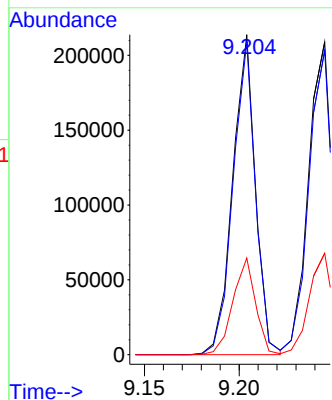
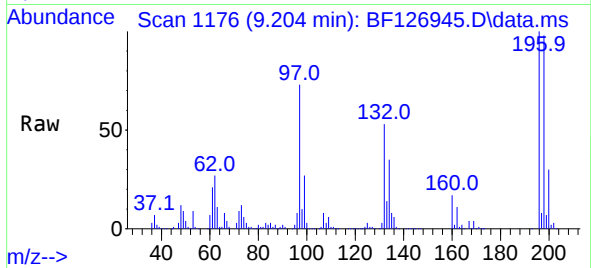
PB142765BS

Tgt Ion:196 Resp: 17812
Ion Ratio Lower Upper
196 100
198 97.8 78.5 117.7
200 30.2 24.9 37.3

Manual Integrations

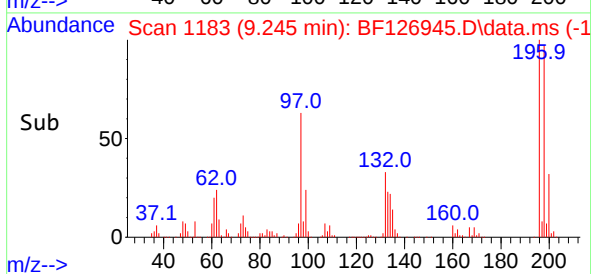
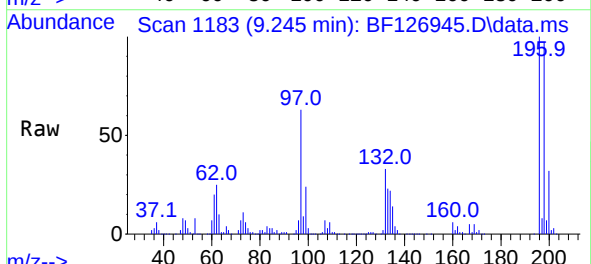
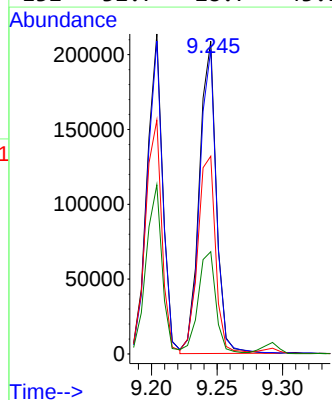
APPROVED

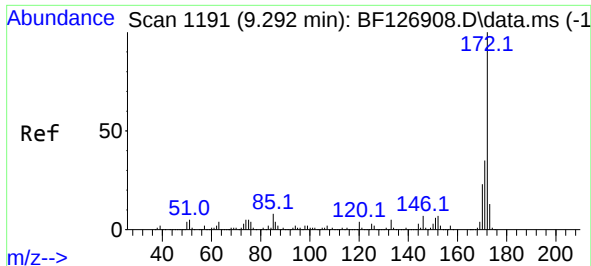
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#44
2,4,5-Trichlorophenol
Concen: 44.523 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:196 Resp: 188226
Ion Ratio Lower Upper
196 100
198 97.3 82.0 123.0
97 63.2 53.5 80.3
132 32.7 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 85.171 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

Tgt Ion:172 Resp: 120388

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

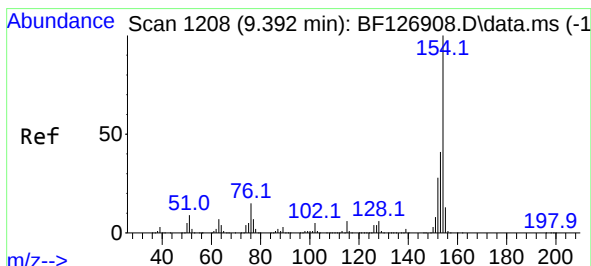
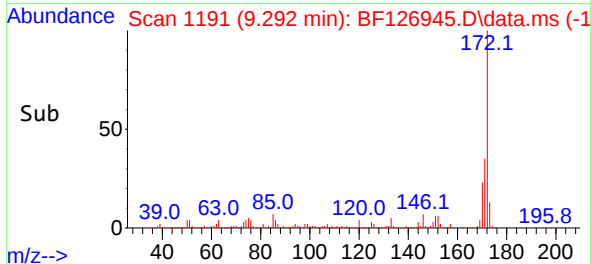
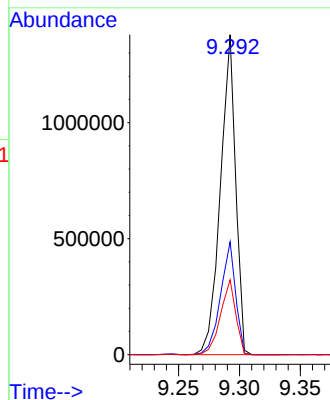
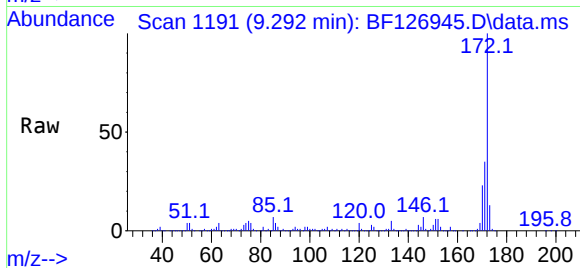
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#46

1,1'-Biphenyl

Concen: 45.940 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

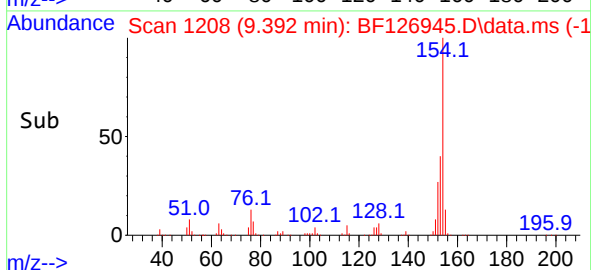
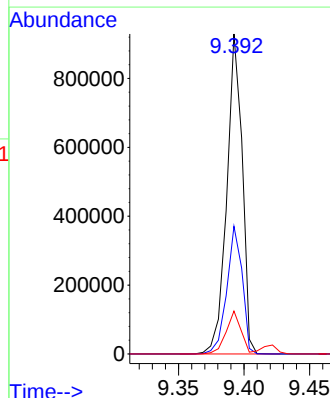
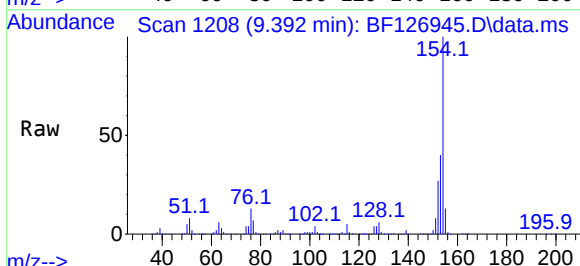
Tgt Ion:154 Resp: 757394

Ion Ratio Lower Upper

154 100

153 39.9 19.0 59.0

76 13.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.416 ng

RT: 9.422 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

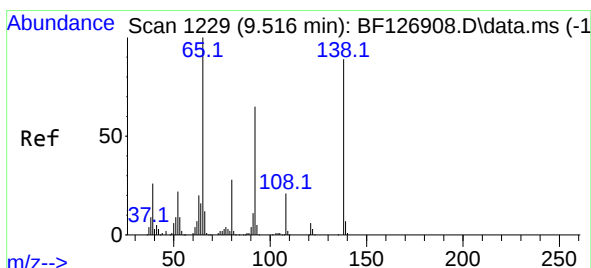
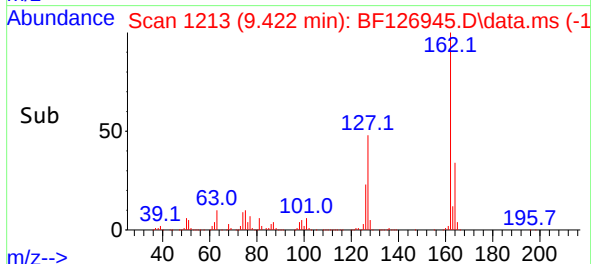
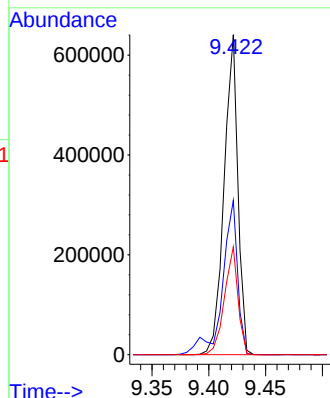
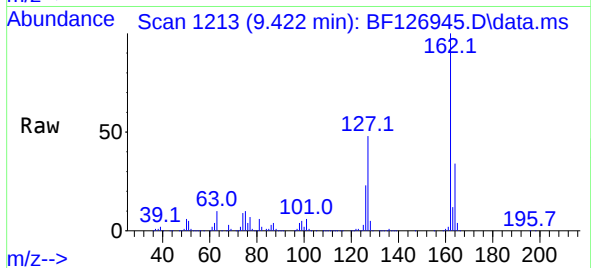
PB142765BS

Tgt Ion:162 Resp: 54302
 Ion Ratio Lower Upper
 162 100
 127 48.2 33.5 50.3
 164 33.7 26.2 39.4

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2022
 Supervised By :Jagrut Upadhyay 02/21/2022



#48

2-Nitroaniline

Concen: 46.154 ng

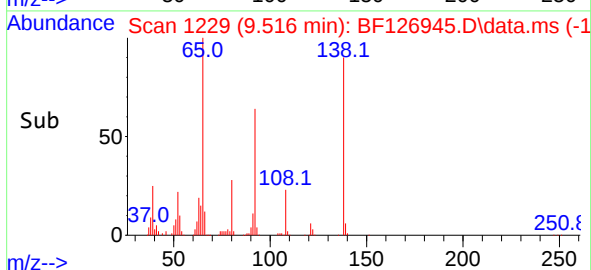
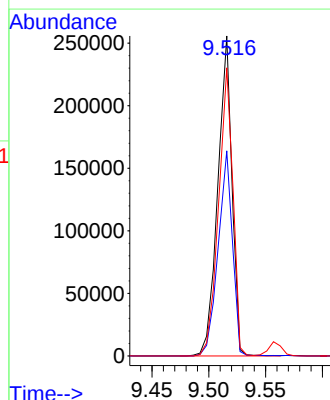
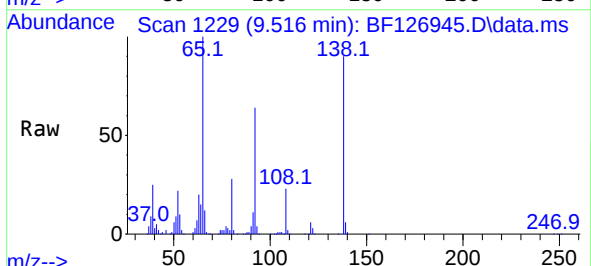
RT: 9.516 min Scan# 1229

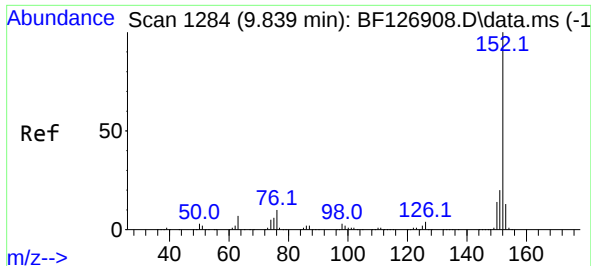
Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion: 65 Resp: 222667
 Ion Ratio Lower Upper
 65 100
 92 64.1 54.4 81.6
 138 90.1 72.5 108.7





#49

Acenaphthylene

Concen: 45.498 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

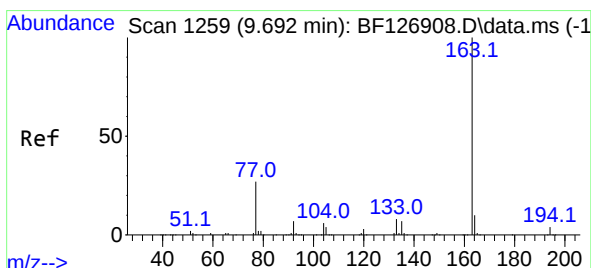
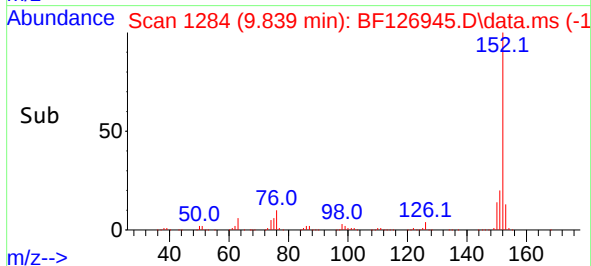
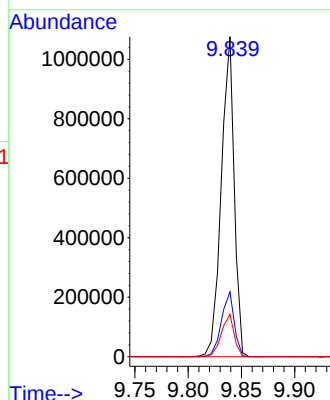
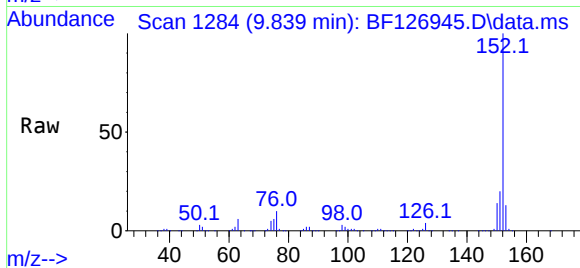
Tgt Ion:152 Resp: 90354

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.3	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#50

Dimethylphthalate

Concen: 44.655 ng

RT: 9.692 min Scan# 1259

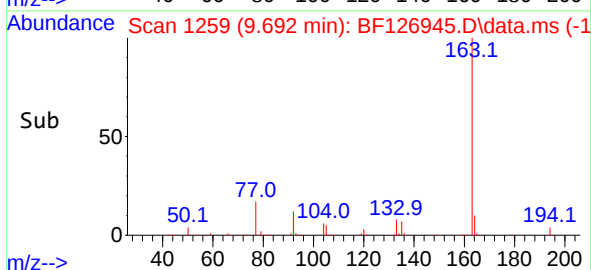
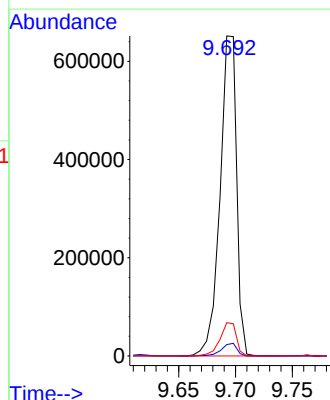
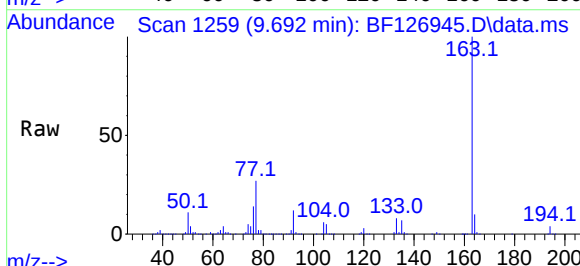
Delta R.T. 0.000 min

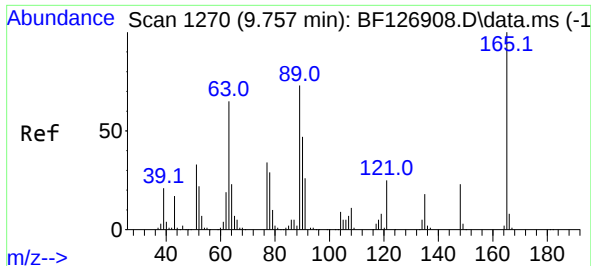
Lab File: BF126945.D

Acq: 18 Feb 2022 11:18

Tgt Ion:163 Resp: 664193

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: 48.660 ng
RT: 9.757 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

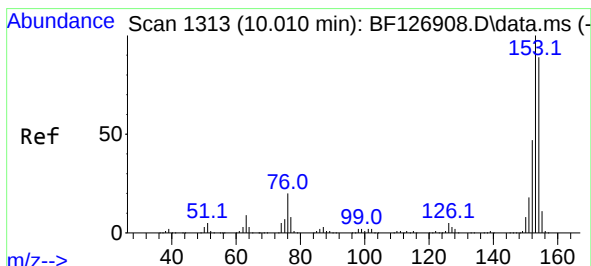
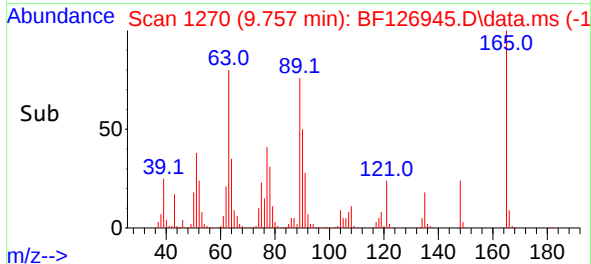
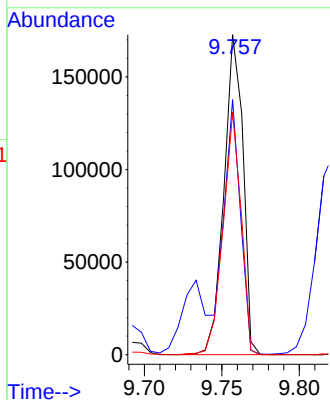
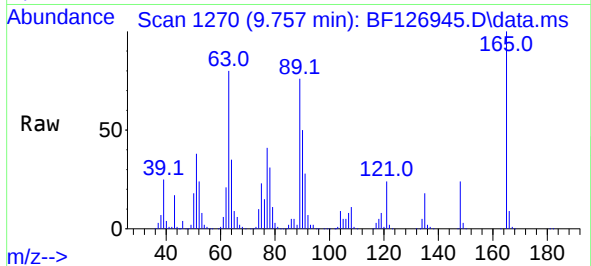
ClientSampleId :

PB142765BS

Tgt Ion:165 Resp: 147252
Ion Ratio Lower Upper
165 100
63 79.7 48.4 72.6
89 75.9 50.5 75.7

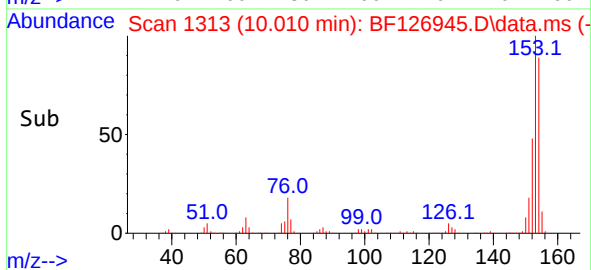
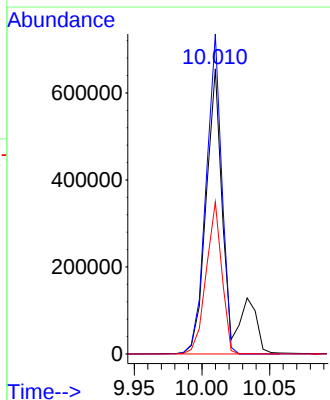
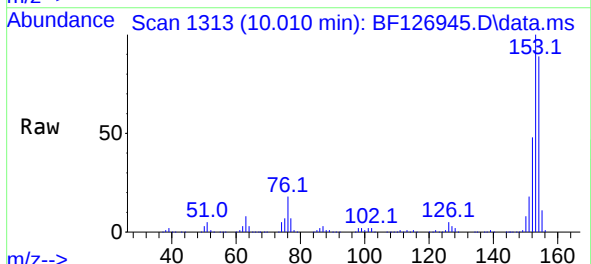
Manual Integrations
APPROVED

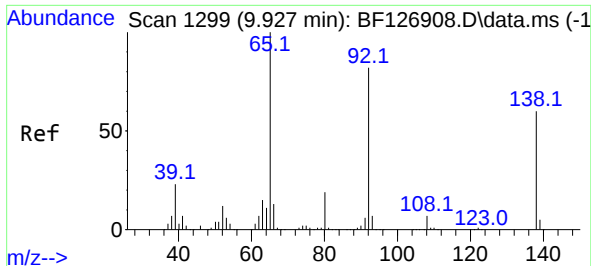
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#52
Acenaphthene
Concen: 49.706 ng m
RT: 10.010 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:154 Resp: 641967
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.6
152 53.3 39.4 59.2





#53
3-Nitroaniline
Concen: 39.788 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

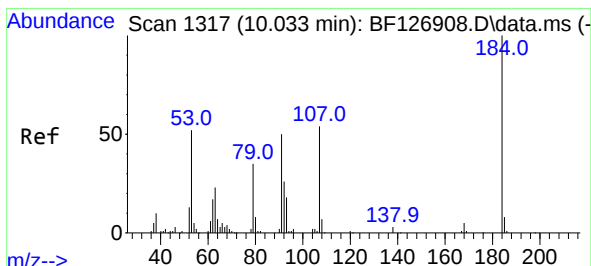
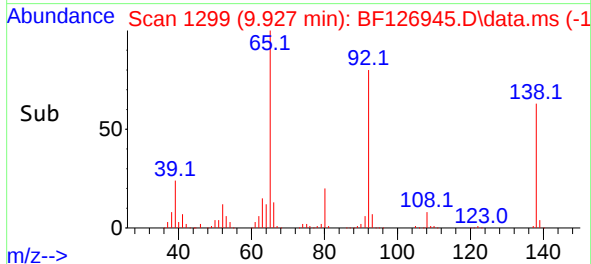
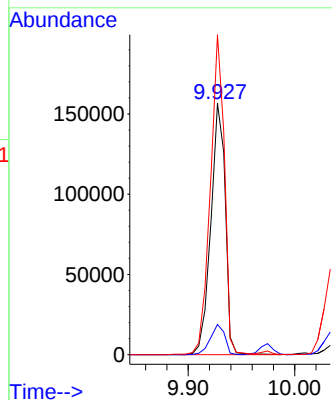
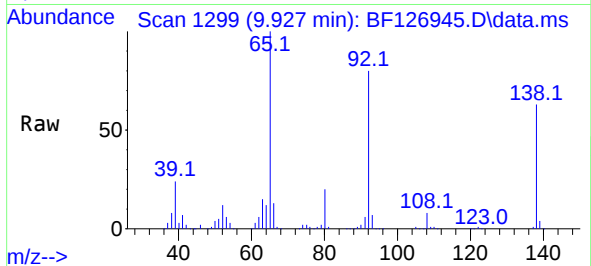
PB142765BS

Tgt Ion:138 Resp: 147180
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 127.4 105.0 157.6

Manual Integrations

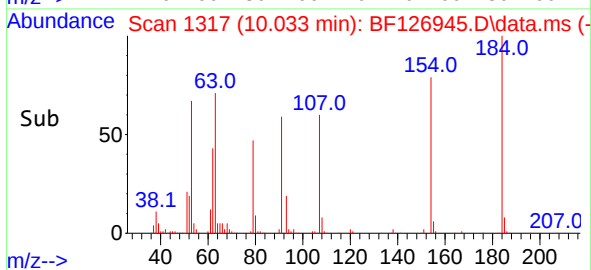
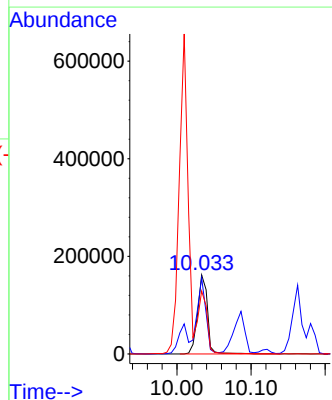
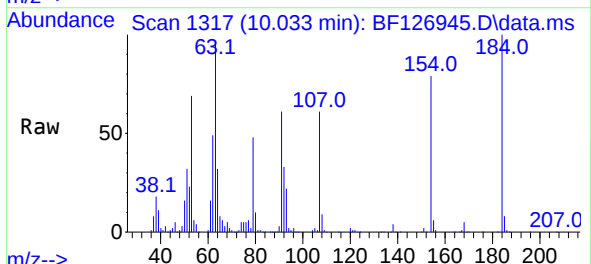
APPROVED

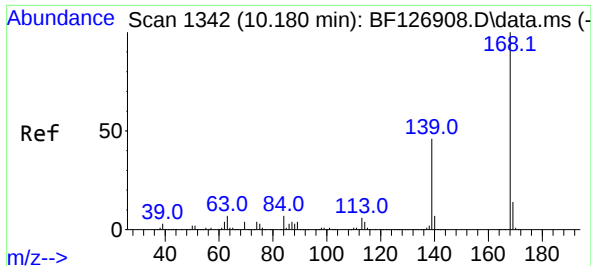
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#54
2,4-Dinitrophenol
Concen: 93.758 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

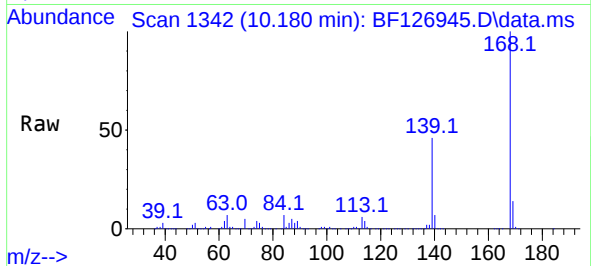
Tgt Ion:184 Resp: 150174
Ion Ratio Lower Upper
184 100
63 96.0 70.4 105.6
154 79.5 49.7 74.5#





#55
Dibenzenofuran
Concen: 43.825 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

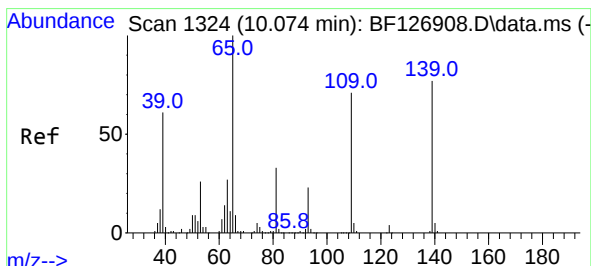
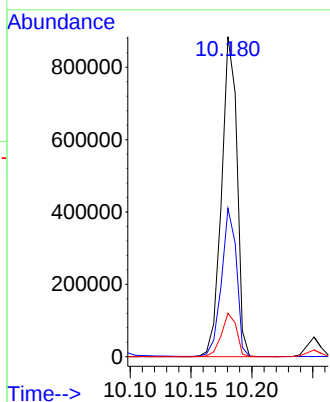
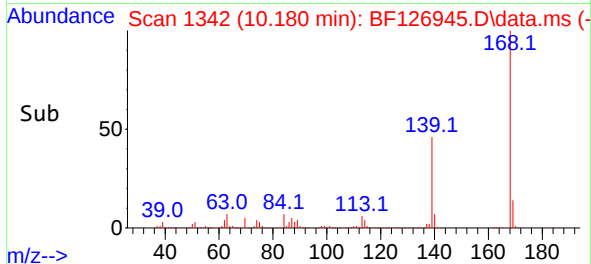
Instrument :
BNA_F
ClientSampleId :
PB142765BS



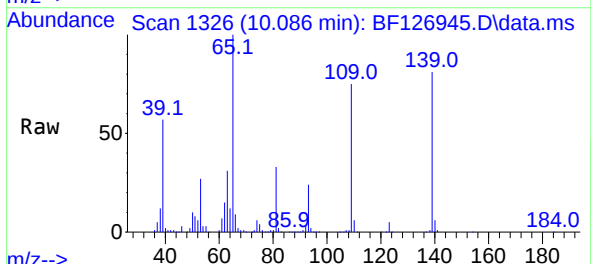
Tgt Ion:168 Resp: 778300
Ion Ratio Lower Upper
168 100
139 46.3 30.6 46.0#
169 13.6 10.0 15.0

Manual Integrations
APPROVED

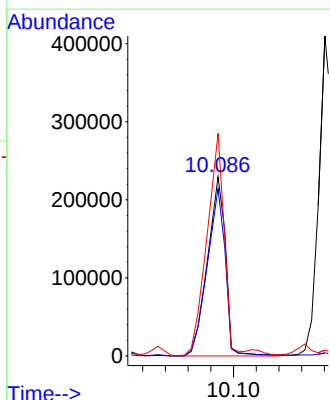
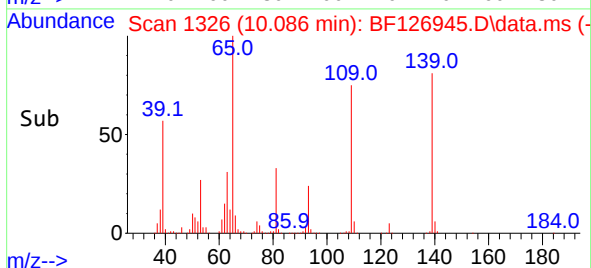
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

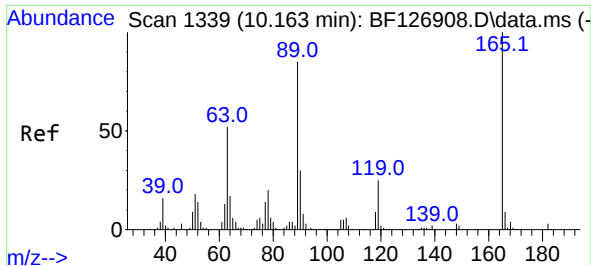


#56
4-Nitrophenol
Concen: 92.680 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:139 Resp: 253210
Ion Ratio Lower Upper
139 100
109 93.4 44.1 84.1#
65 124.2 85.5 125.5





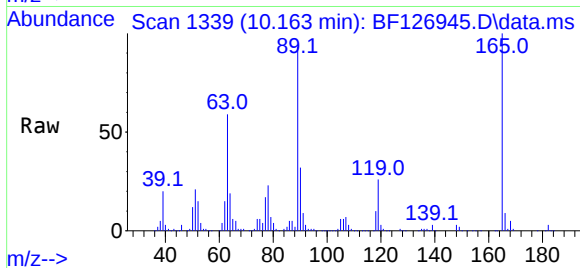
#57
2,4-Dinitrotoluene
Concen: 48.385 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

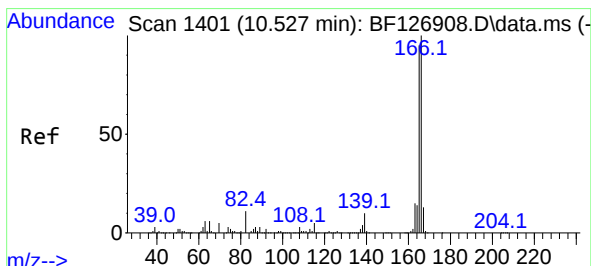
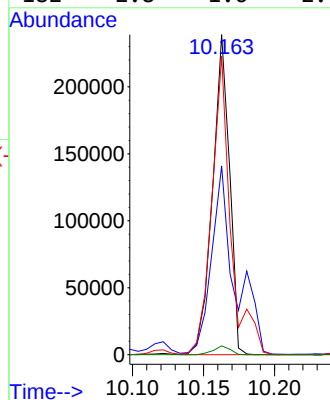
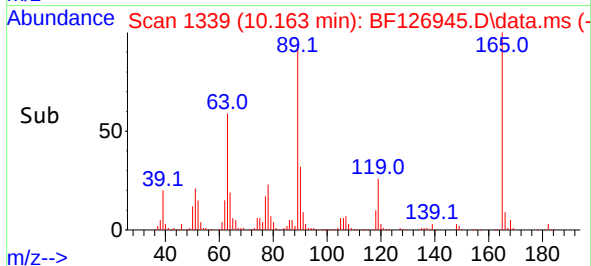


Tgt Ion:165 Resp: 197973
Ion Ratio Lower Upper
165 100
63 59.0 43.0 64.6
89 93.3 71.0 106.4
182 2.8 1.6 2.4#

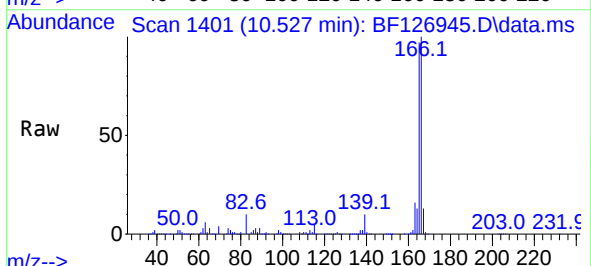
Manual Integrations

APPROVED

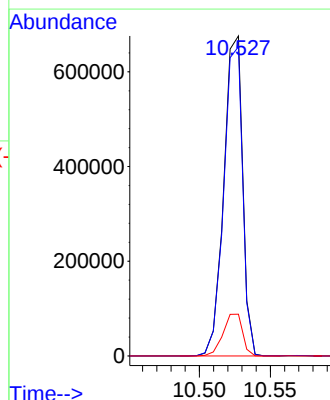
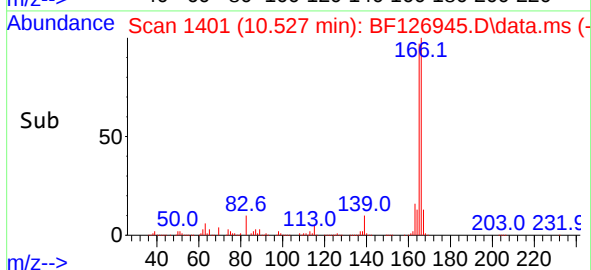
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

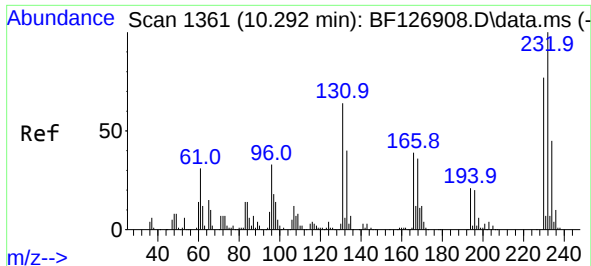


#58
Fluorene
Concen: 45.099 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:166 Resp: 623886
Ion Ratio Lower Upper
166 100
165 96.7 77.7 116.5
167 13.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.250 ng
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

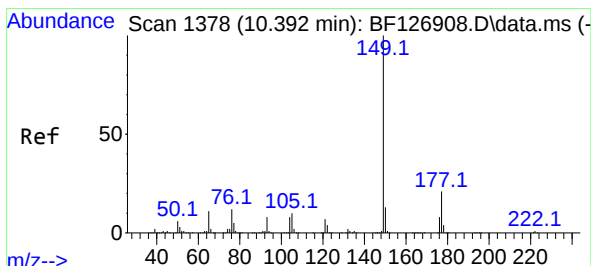
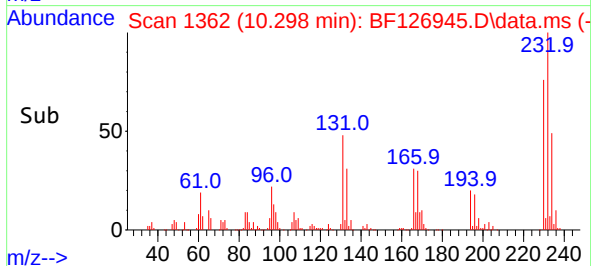
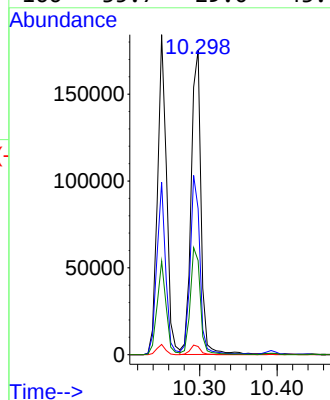
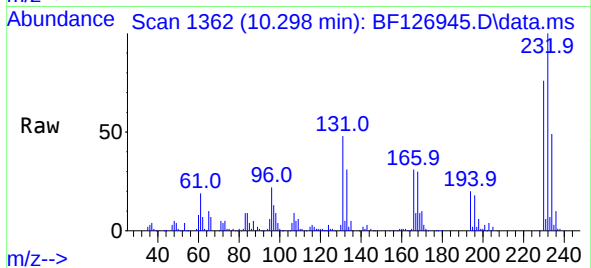
PB142765BS

Tgt Ion:232 Resp: 155014
Ion Ratio Lower Upper
232 100
131 57.5 50.0 75.0
130 3.2 2.2 3.2
166 35.7 29.0 43.4

Manual Integrations

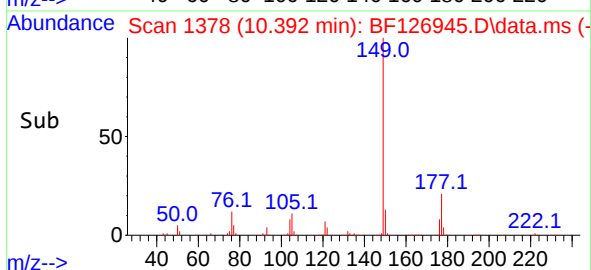
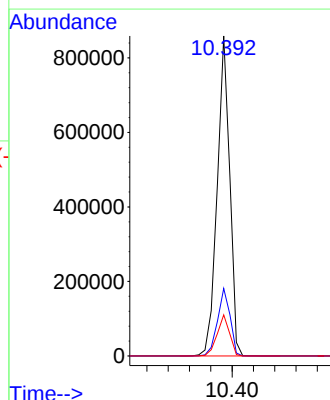
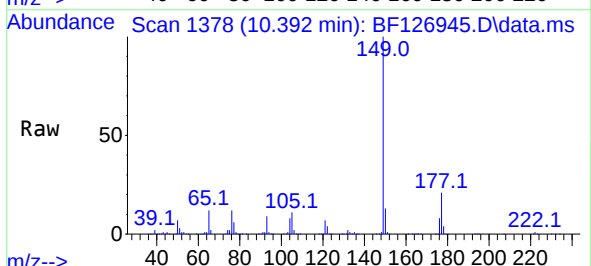
APPROVED

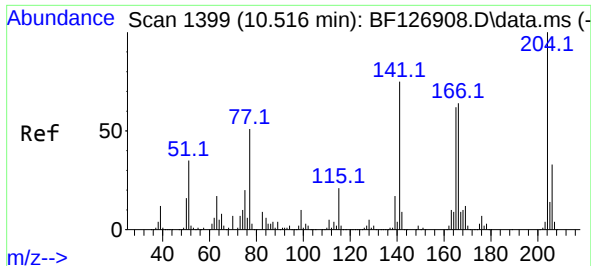
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#60
Diethylphthalate
Concen: 45.028 ng
RT: 10.392 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

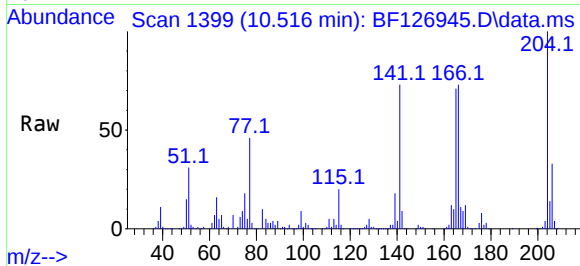
Tgt Ion:149 Resp: 699819
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.9 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.059 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

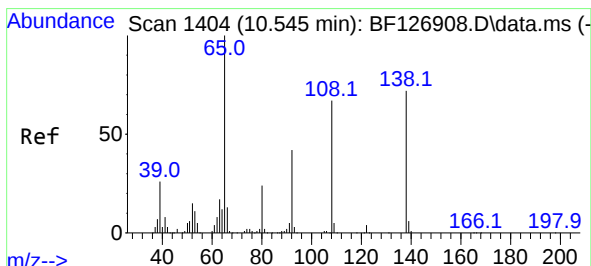
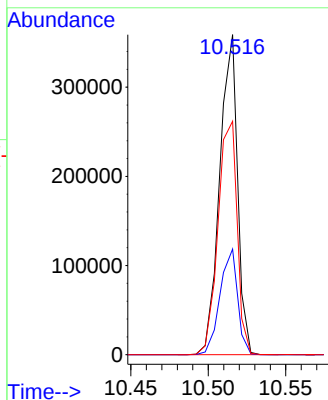
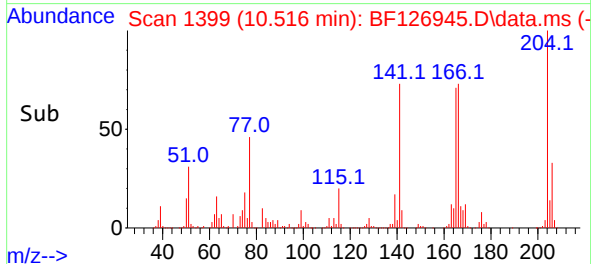
Instrument :
BNA_F
ClientSampleId :
PB142765BS



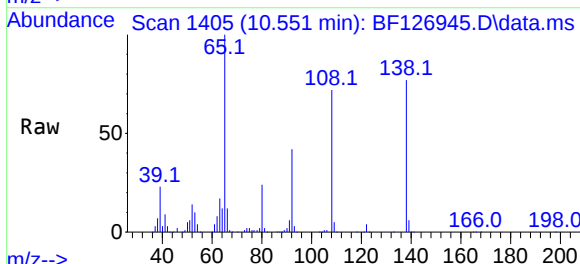
Tgt Ion:204 Resp: 287399
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 72.9 59.0 88.6

Manual Integrations
APPROVED

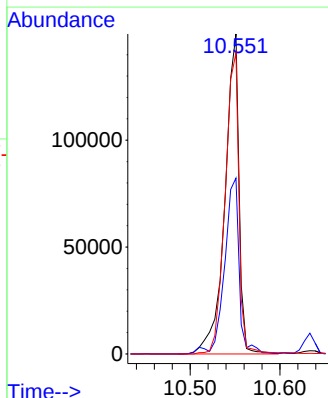
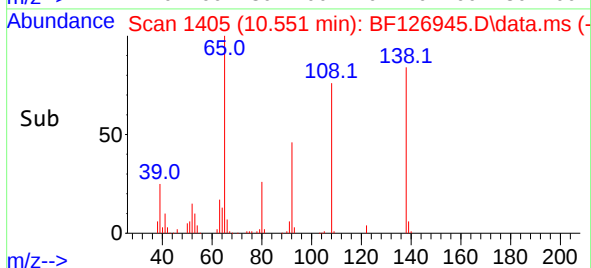
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

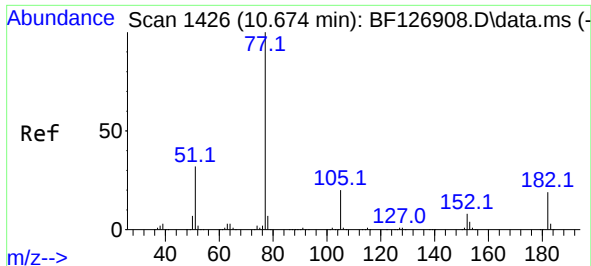


#62
4-Nitroaniline
Concen: 44.878 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



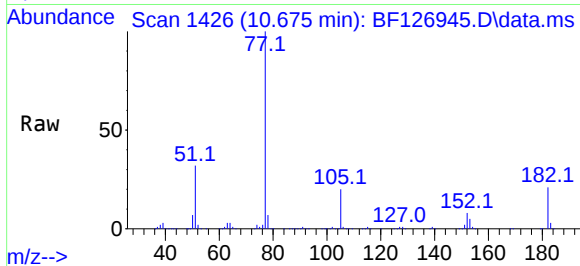
Tgt Ion:138 Resp: 163931
Ion Ratio Lower Upper
138 100
92 54.9 36.2 76.2
108 94.0 46.7 86.7#





#63
Azobenzene
Concen: 43.622 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

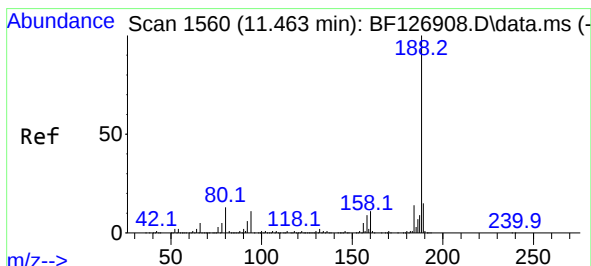
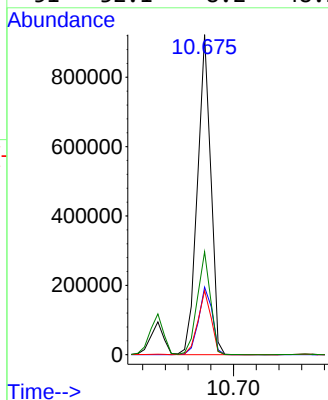
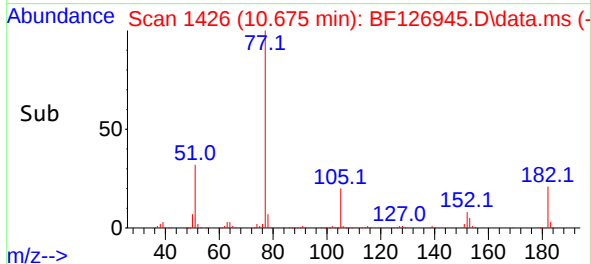
Instrument :
BNA_F
ClientSampleId :
PB142765BS



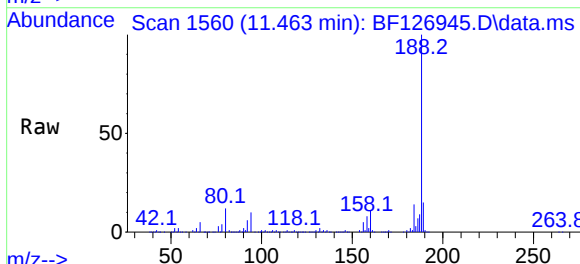
Tgt Ion: 77 Resp: 754920
Ion Ratio Lower Upper
77 100
182 21.1 0.0 39.0
105 20.0 3.2 43.2
51 32.1 8.2 48.2

Manual Integrations
APPROVED

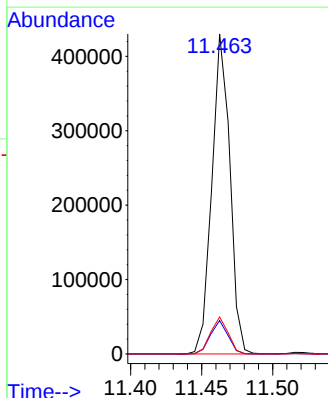
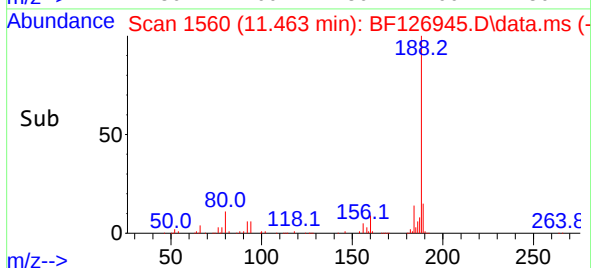
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

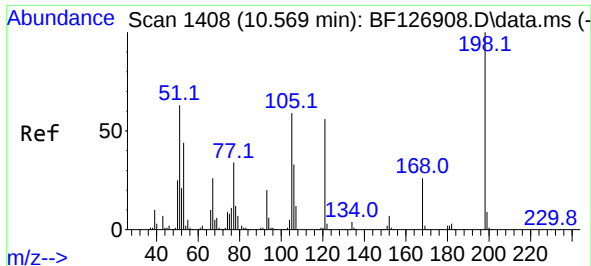


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



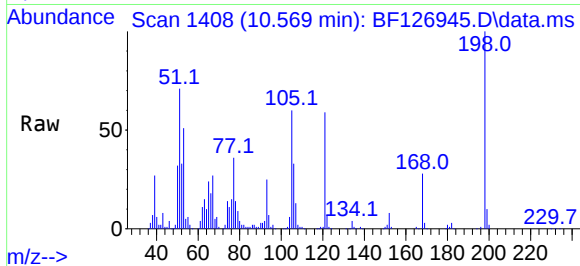
Tgt Ion:188 Resp: 378555
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.6 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 41.902 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

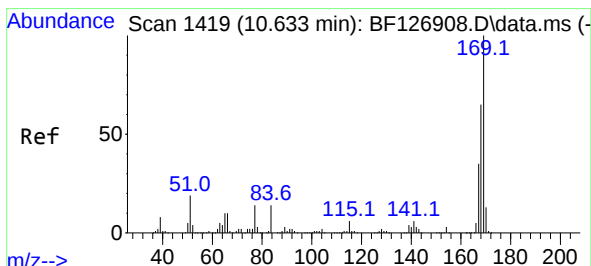
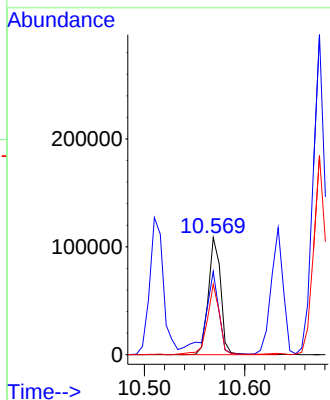
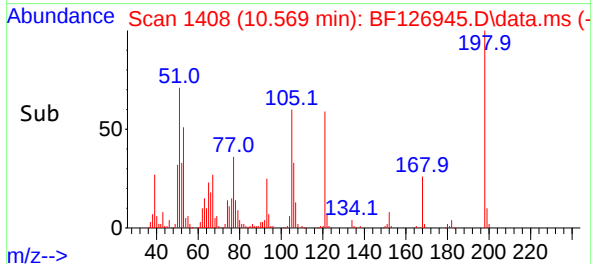
Instrument :
BNA_F
ClientSampleId :
PB142765BS



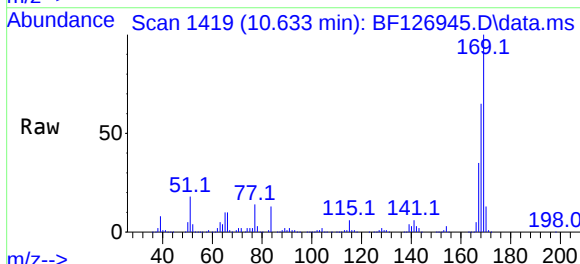
Tgt Ion:198 Resp: 93200
Ion Ratio Lower Upper
198 100
51 71.0 32.0 72.0
105 60.1 32.7 72.7

Manual Integrations
APPROVED

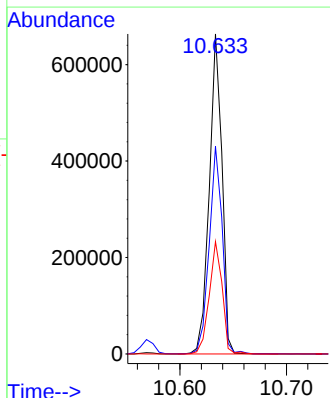
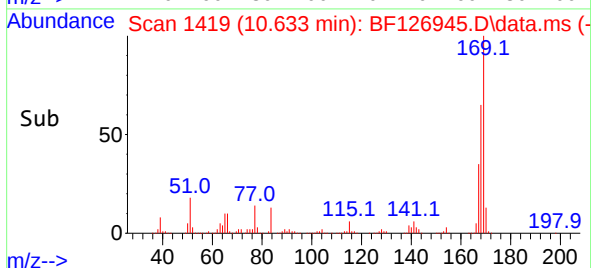
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

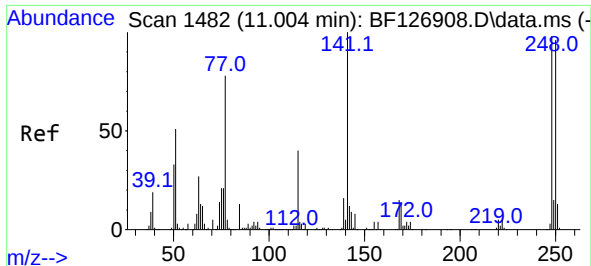


#66
n-Nitrosodiphenylamine
Concen: 44.215 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



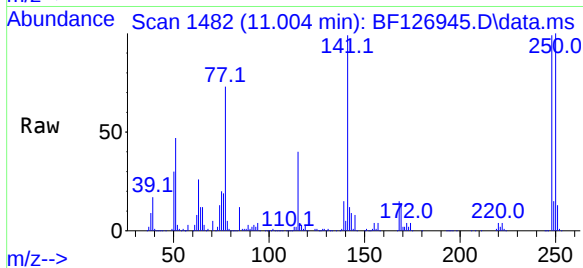
Tgt Ion:169 Resp: 548846
Ion Ratio Lower Upper
169 100
168 64.8 53.4 80.0
167 35.1 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 43.808 ng
RT: 11.004 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

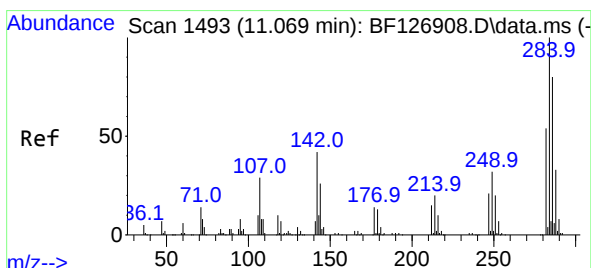
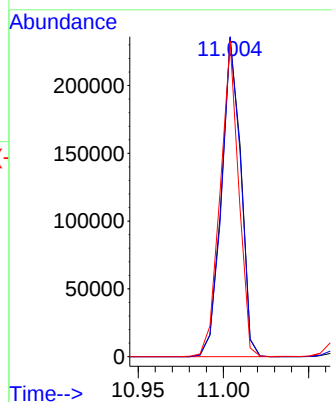
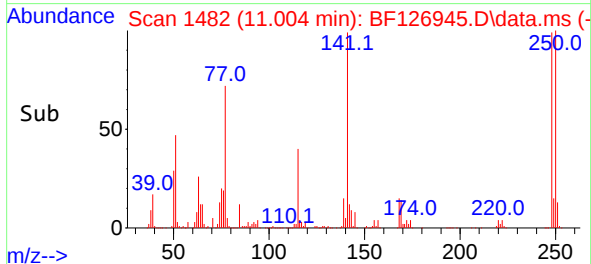
Instrument :
BNA_F
ClientSampleId :
PB142765BS



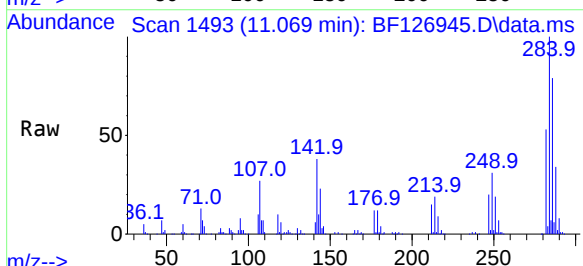
Tgt Ion:248 Resp: 185289
Ion Ratio Lower Upper
248 100
250 100.5 76.2 114.4
141 99.2 66.2 99.4

Manual Integrations
APPROVED

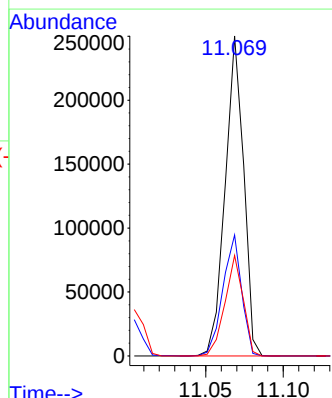
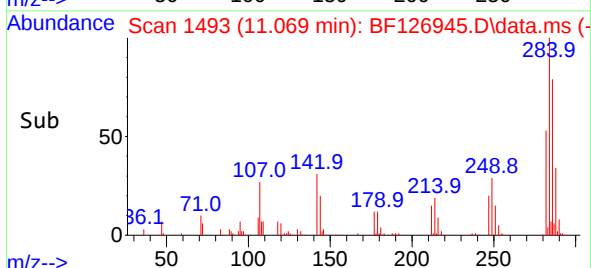
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

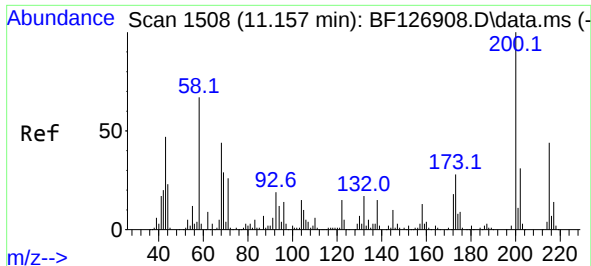


#68
Hexachlorobenzene
Concen: 45.535 ng
RT: 11.069 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



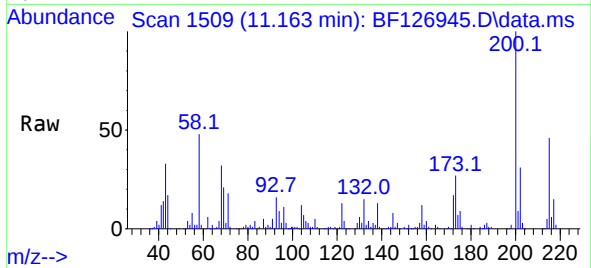
Tgt Ion:284 Resp: 207337
Ion Ratio Lower Upper
284 100
142 37.8 30.7 46.1
249 31.4 21.1 31.7





#69
Atrazine
Concen: 47.504 ng
RT: 11.163 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

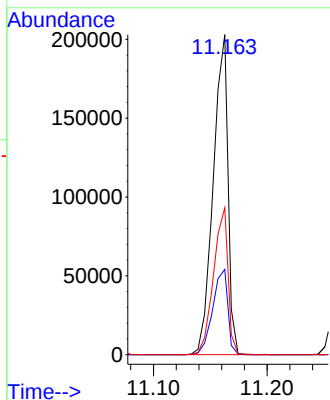
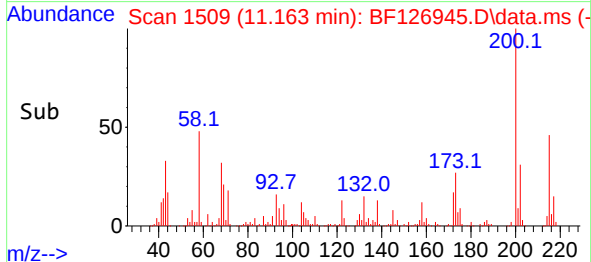
Instrument :
BNA_F
ClientSampleId :
PB142765BS



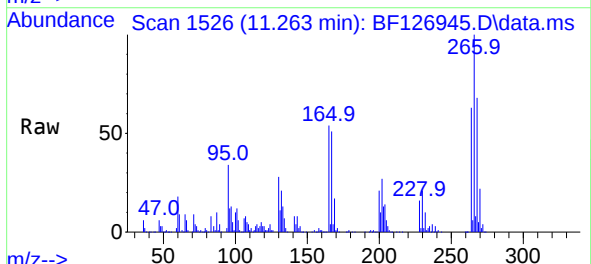
Tgt Ion:200 Resp: 18288
Ion Ratio Lower Upper
200 100
173 26.7 9.2 49.2
215 45.9 23.2 63.2

Manual Integrations
APPROVED

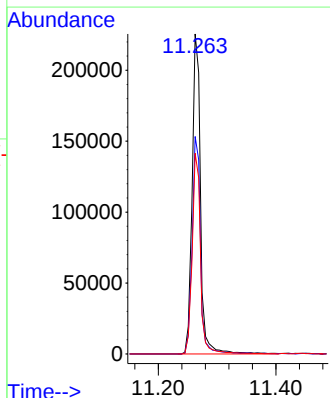
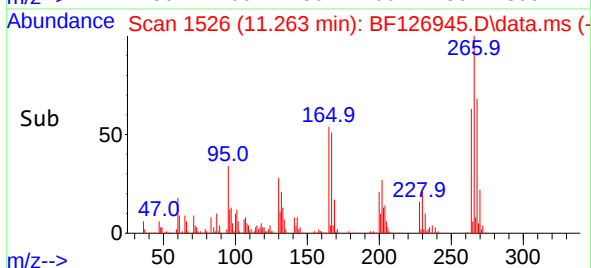
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

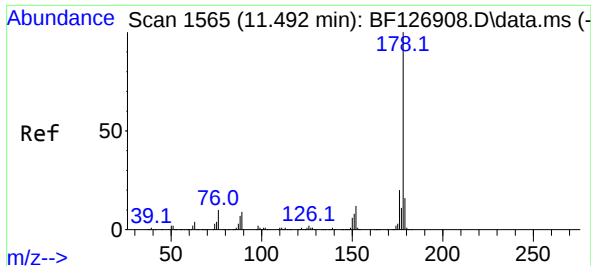


#70
Pentachlorophenol
Concen: 90.270 ng
RT: 11.263 min Scan# 1526
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:266 Resp: 224373
Ion Ratio Lower Upper
266 100
268 67.9 52.3 78.5
264 62.7 50.4 75.6





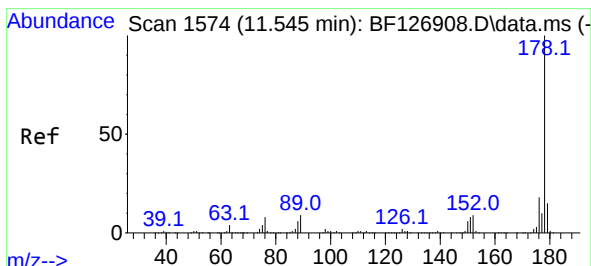
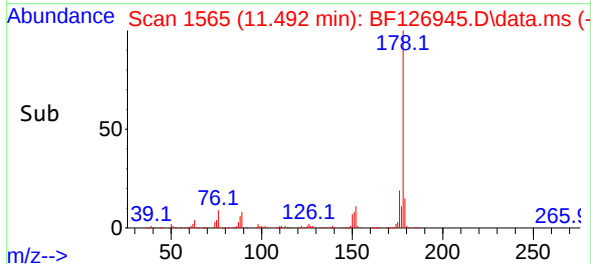
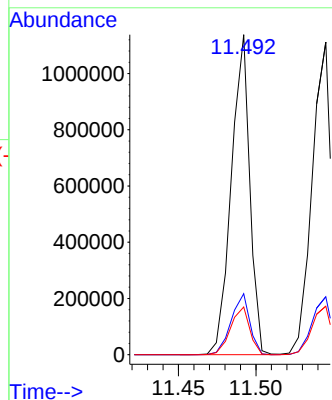
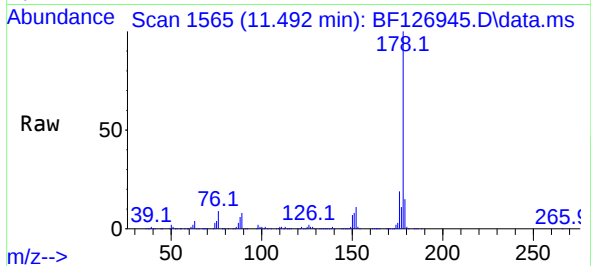
#71
Phenanthrene
Concen: 44.521 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :
BNA_F
ClientSampleId :
PB142765BS

Tgt Ion:178 Resp: 943330
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 14.9 12.3 18.5

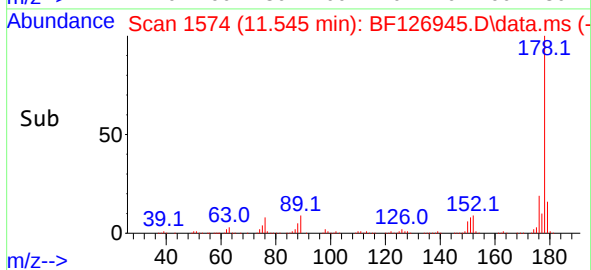
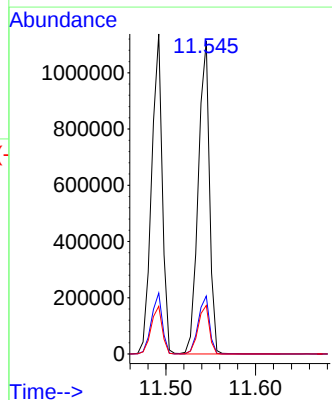
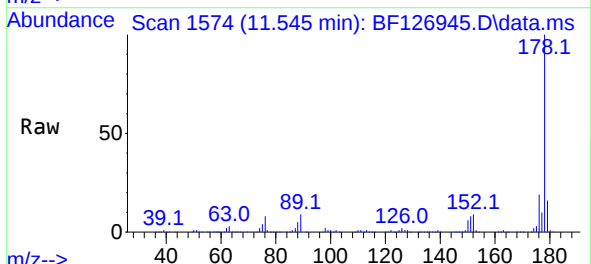
Manual Integrations
APPROVED

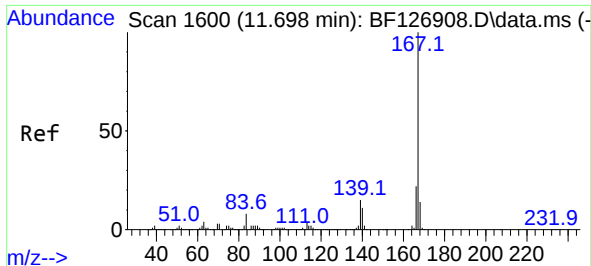
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#72
Anthracene
Concen: 45.760 ng
RT: 11.545 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

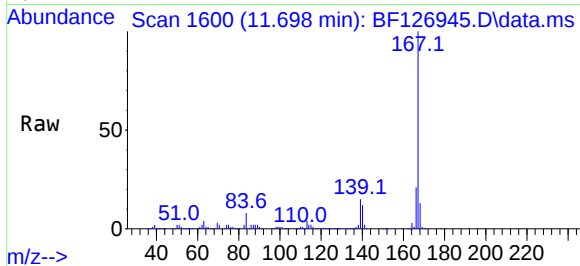
Tgt Ion:178 Resp: 965236
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 43.092 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BF126945.D
 Acq: 18 Feb 2022 11:18

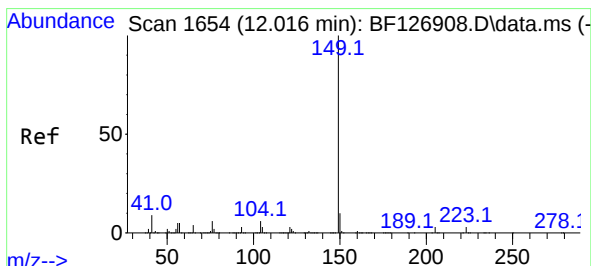
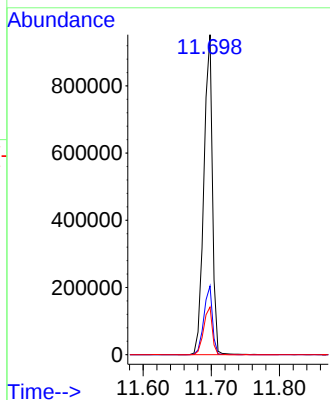
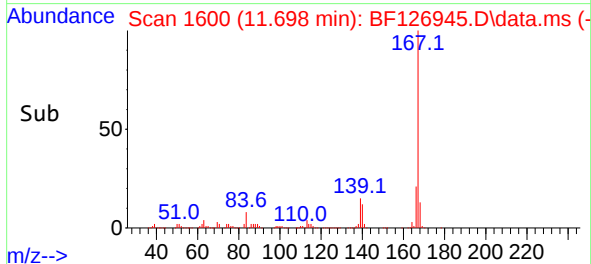
Instrument :
 BNA_F
 ClientSampleId :
 PB142765BS



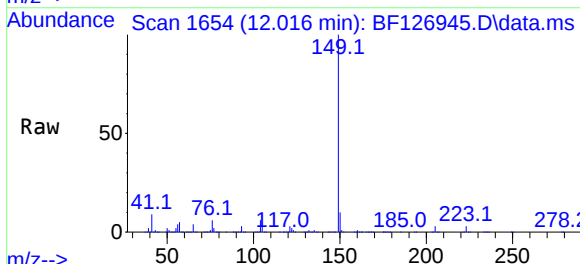
Tgt Ion:167 Resp: 833554
 Ion Ratio Lower Upper
 167 100
 166 21.4 16.9 25.3
 139 14.9 11.3 16.9

Manual Integrations
 APPROVED

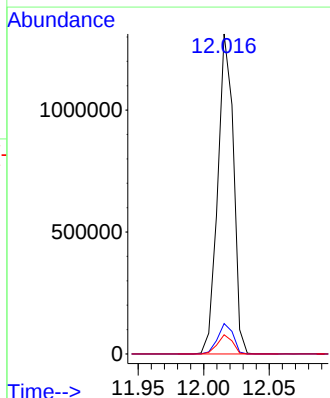
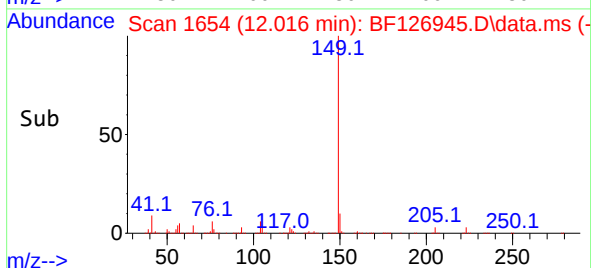
Reviewed By :Christian Giraldo 02/21/2022
 Supervised By :Jagrut Upadhyay 02/21/2022

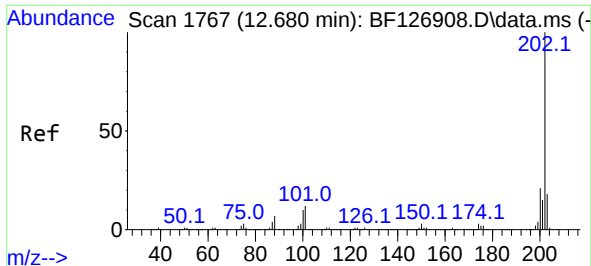


#74
 Di-n-butylphthalate
 Concen: 43.913 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: BF126945.D
 Acq: 18 Feb 2022 11:18



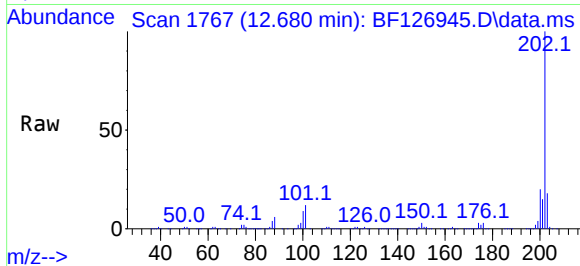
Tgt Ion:149 Resp: 1092022
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 6.0 4.2 6.2





#75
Fluoranthene
Concen: 46.094 ng
RT: 12.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

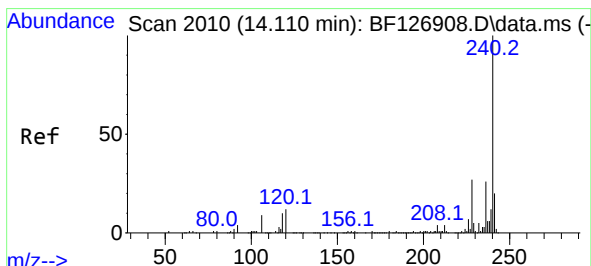
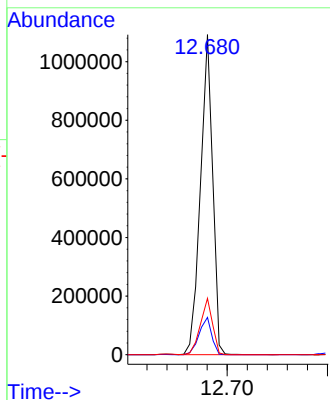
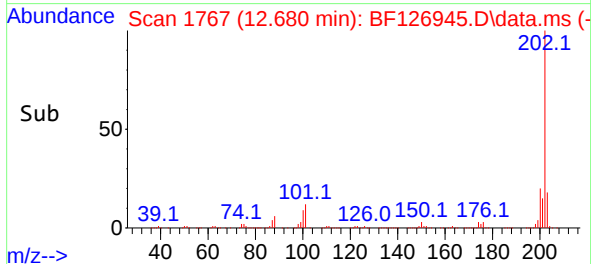
Instrument :
BNA_F
ClientSampleId :
PB142765BS



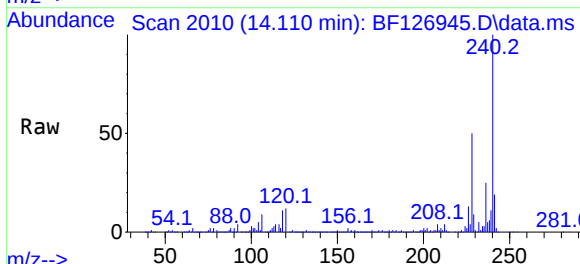
Tgt Ion:202 Resp: 927352
Ion Ratio Lower Upper
202 100
101 11.6 0.0 35.7
203 17.6 0.0 37.1

Manual Integrations
APPROVED

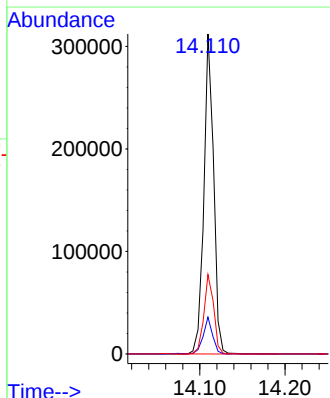
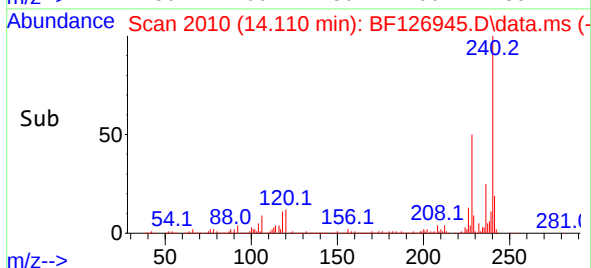
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

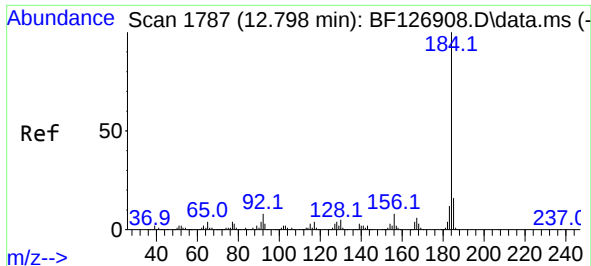


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



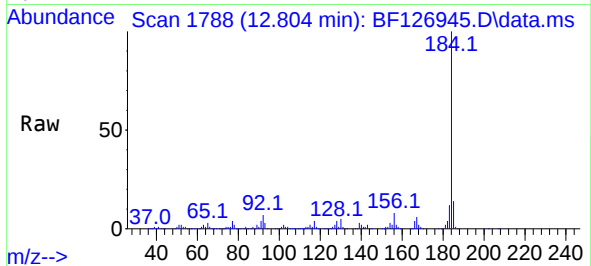
Tgt Ion:240 Resp: 246919
Ion Ratio Lower Upper
240 100
120 11.5 14.4 21.6#
236 24.8 20.5 30.7





#77
Benzidine
Concen: 76.326 ng
RT: 12.804 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

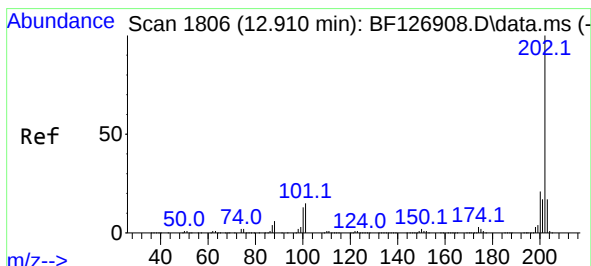
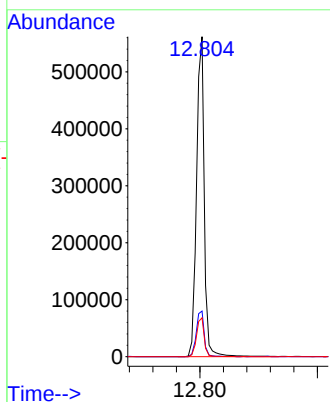
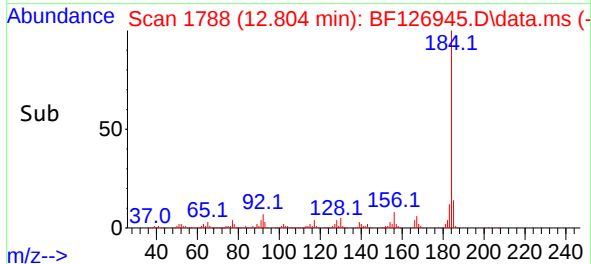
Instrument :
BNA_F
ClientSampleId :
PB142765BS



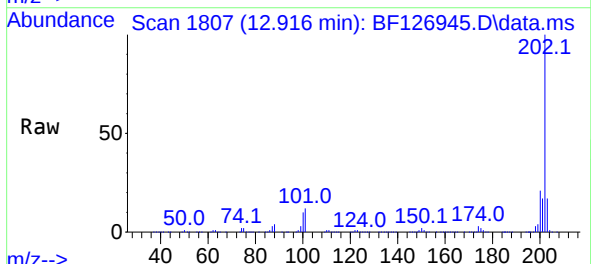
Tgt Ion:184 Resp: 512159
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.1 8.2 12.2

Manual Integrations
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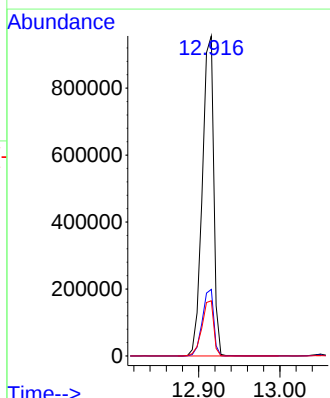
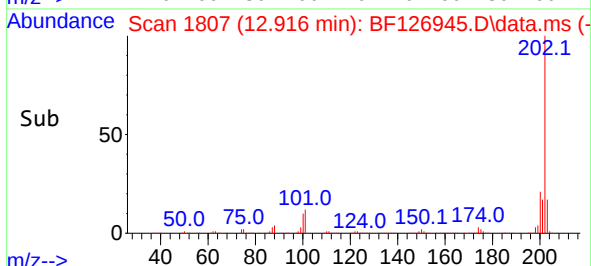
Reviewed By :Christian Giraldo 02/21/2022
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#78
Pyrene
Concen: 43.302 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:202 Resp: 928904
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.2 13.8 20.8





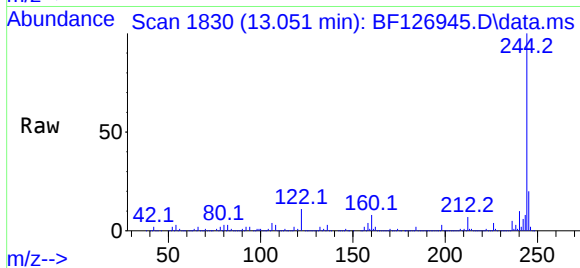
#79
 Terphenyl-d14
 Concen: 84.930 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126945.D
 Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

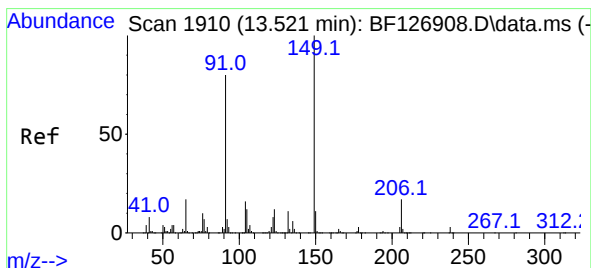
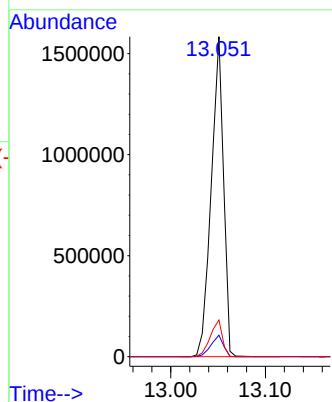
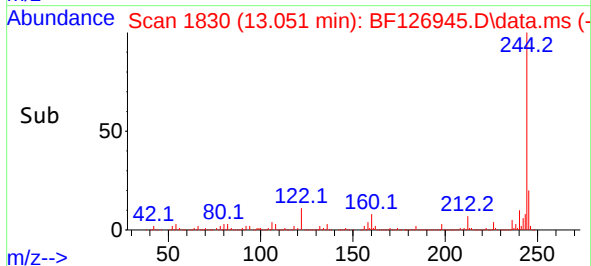


Tgt Ion:244 Resp: 142655
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 11.5 13.3 19.9

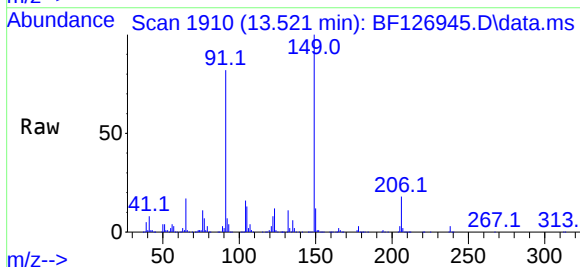
Manual Integrations

APPROVED

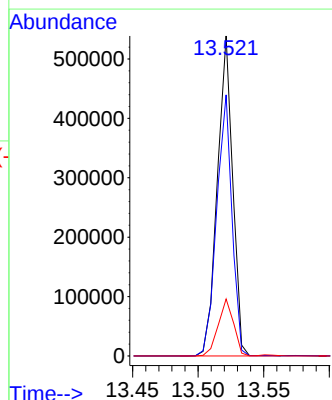
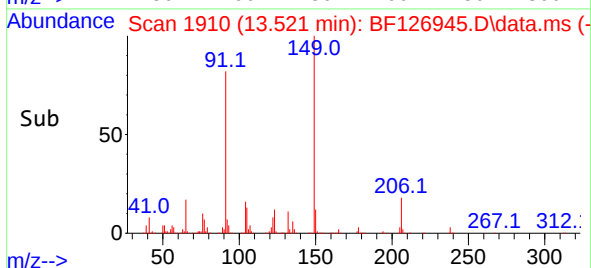
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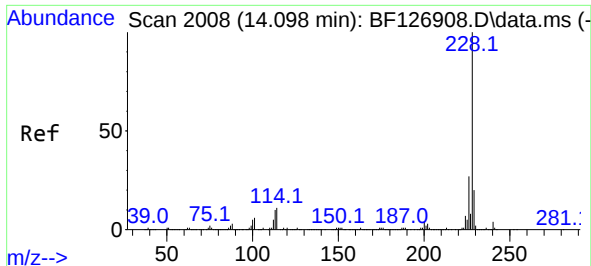


#80
 Butylbenzylphthalate
 Concen: 43.090 ng
 RT: 13.521 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: BF126945.D
 Acq: 18 Feb 2022 11:18



Tgt Ion:149 Resp: 437610
 Ion Ratio Lower Upper
 149 100
 91 81.6 70.5 105.7
 206 17.8 12.6 19.0





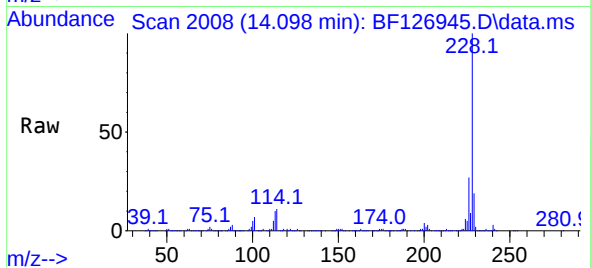
#81
Benzo(a)anthracene
Concen: 43.784 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

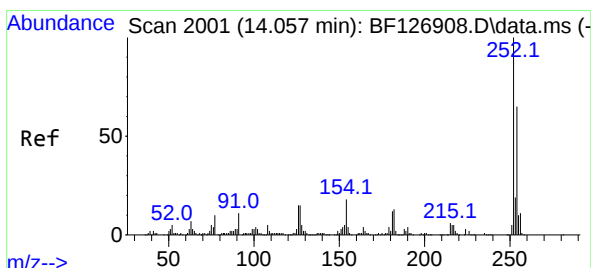
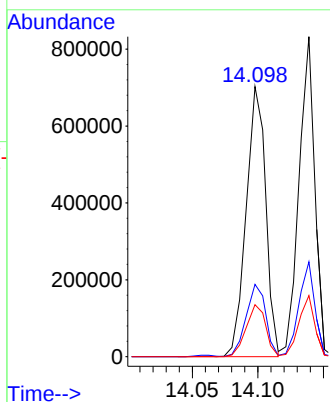
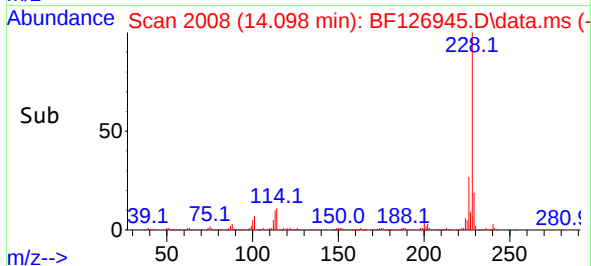


Tgt Ion:228 Resp: 728844
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.3 15.4 23.2

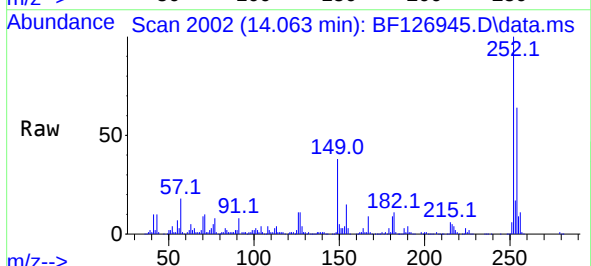
Manual Integrations

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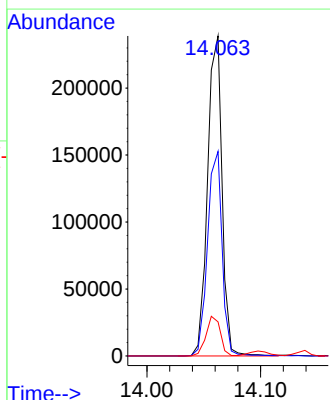
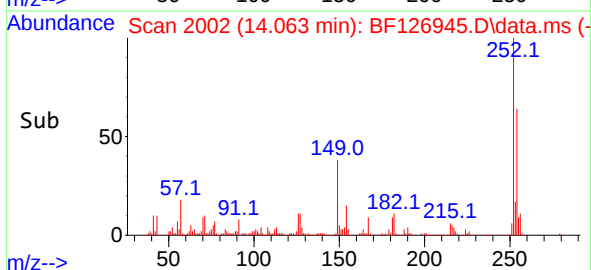
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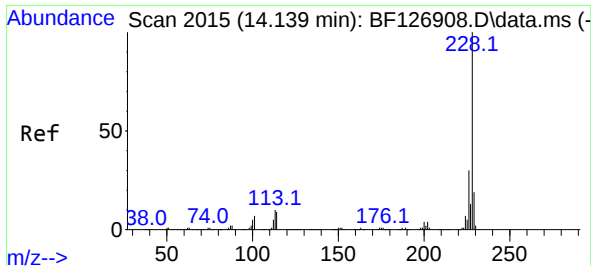


#82
3,3'-Dichlorobenzidine
Concen: 40.245 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:252 Resp: 211131
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 10.6 13.4 20.0#





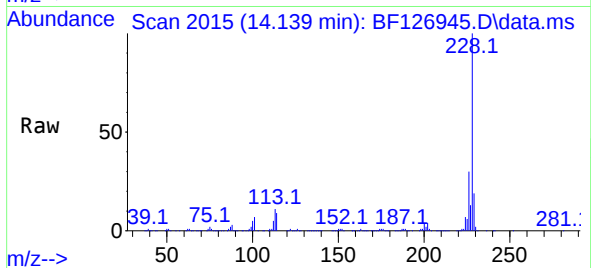
#83
Chrysene
Concen: 44.609 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

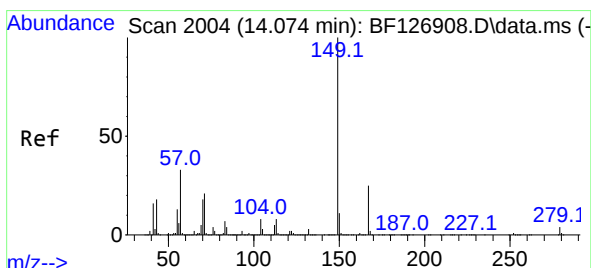
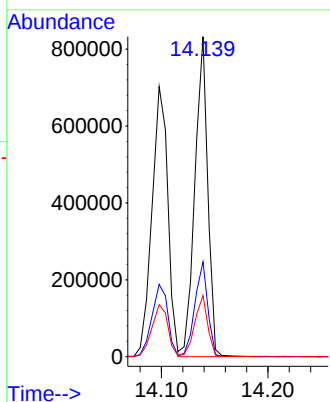
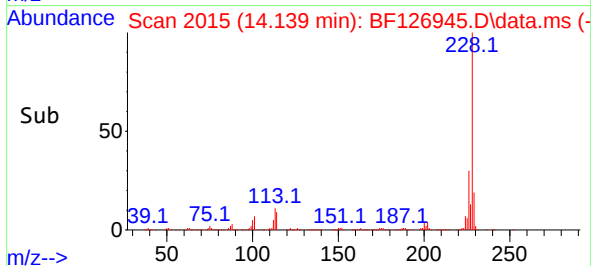


Tgt Ion:228 Resp: 698290
Ion Ratio Lower Upper
228 100
226 29.7 23.7 35.5
229 19.1 15.5 23.3

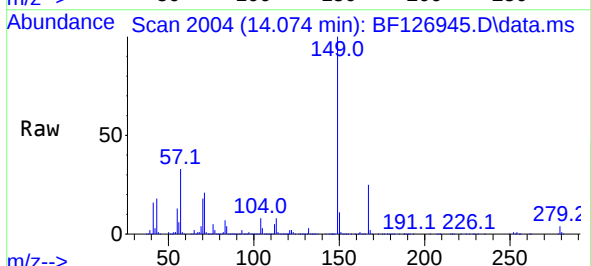
Manual Integrations

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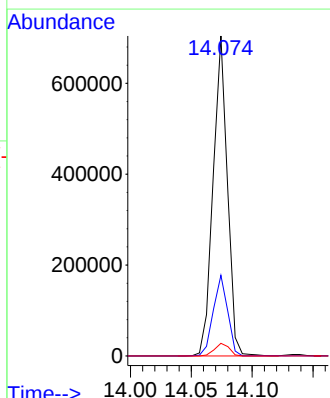
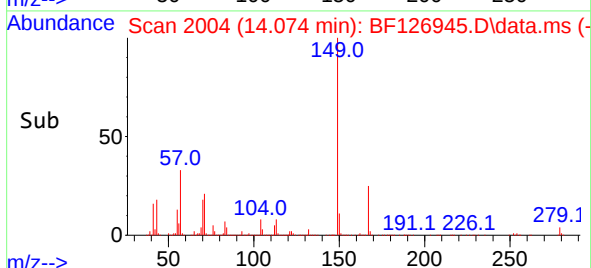
Reviewed By :Christian Giraldo 02/21/2022
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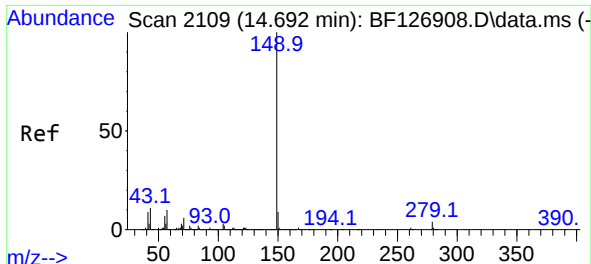


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.186 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



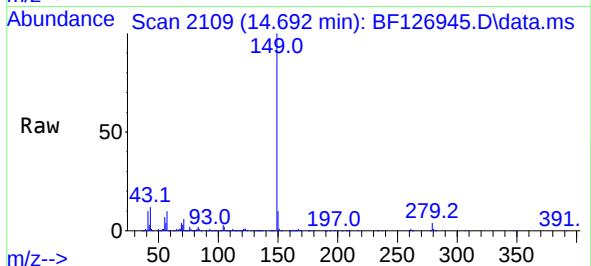
Tgt Ion:149 Resp: 575809
Ion Ratio Lower Upper
149 100
167 25.2 21.4 32.2
279 4.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 44.633 ng
RT: 14.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

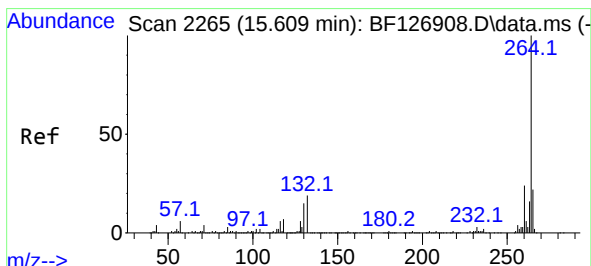
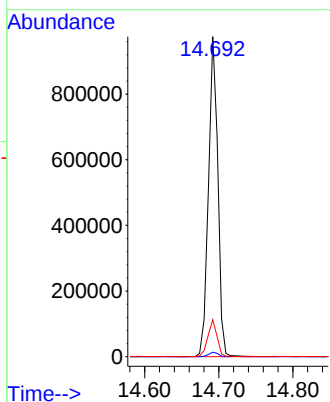
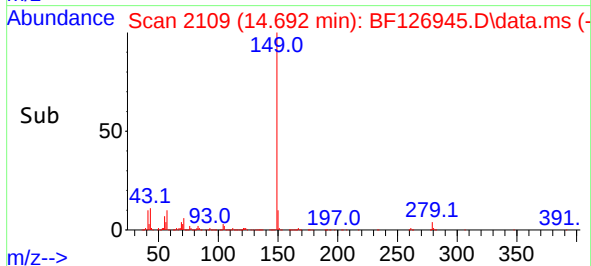
Instrument :
BNA_F
ClientSampleId :
PB142765BS



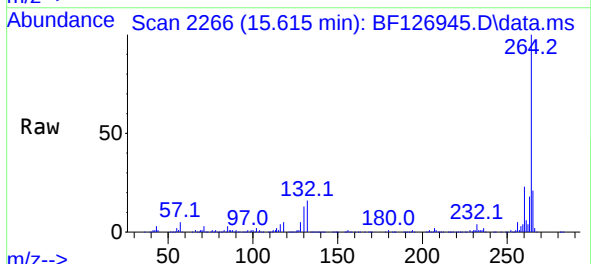
Tgt Ion:149 Resp: 856820
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.3 9.9 14.9

Manual Integrations
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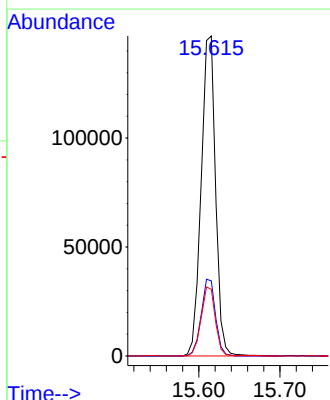
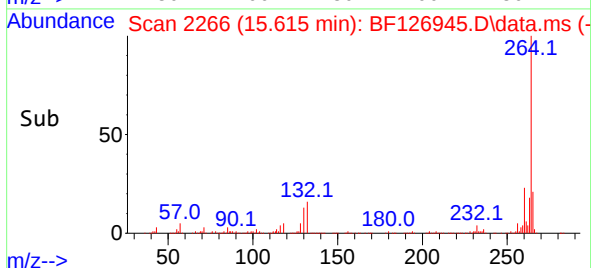
Reviewed By :Christian Giraldo 02/21/2022
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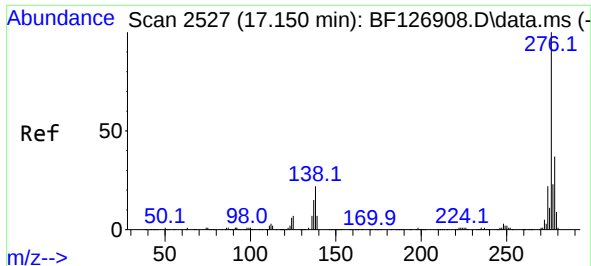


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:264 Resp: 180805
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 20.9 17.4 26.2





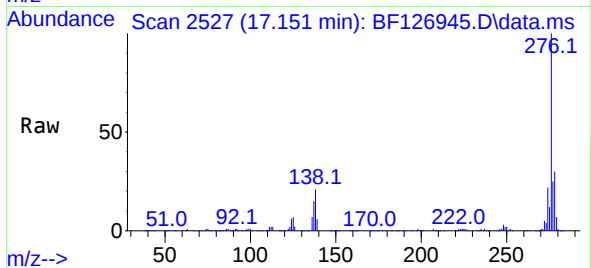
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.526 ng
RT: 17.151 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

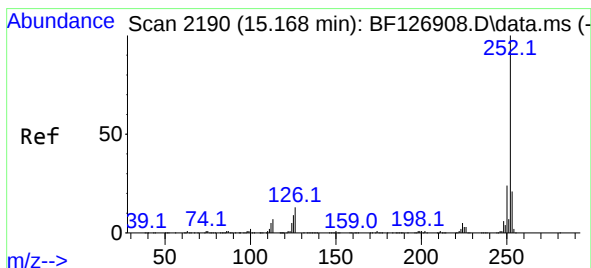
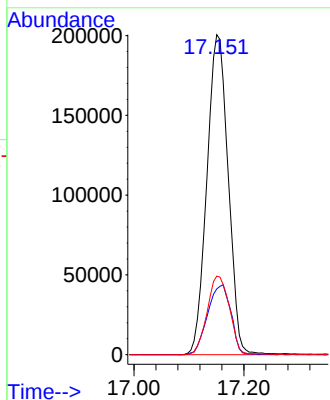
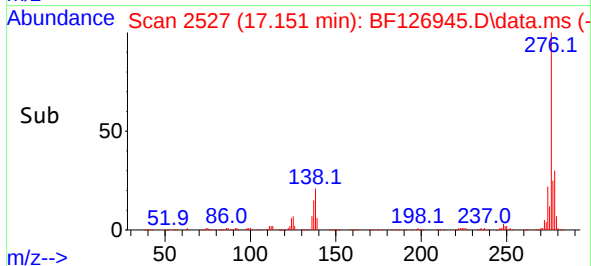


Tgt Ion:276 Resp: 53974
Ion Ratio Lower Upper
276 100
138 23.8 29.2 43.8
277 25.8 19.8 29.8

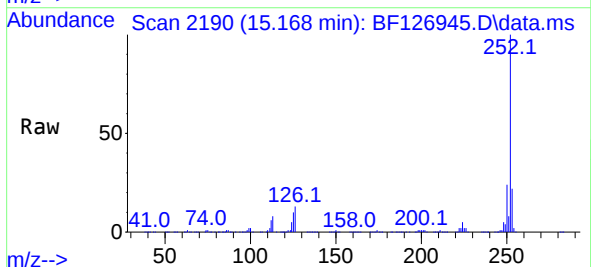
Manual Integrations

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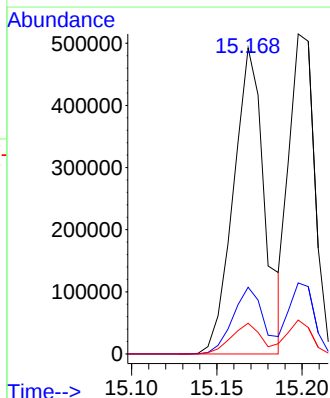
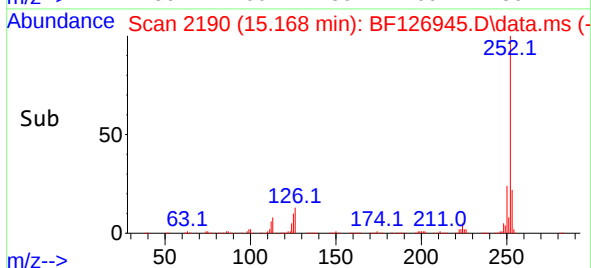
Reviewed By :Christian Giraldo 02/21/2022
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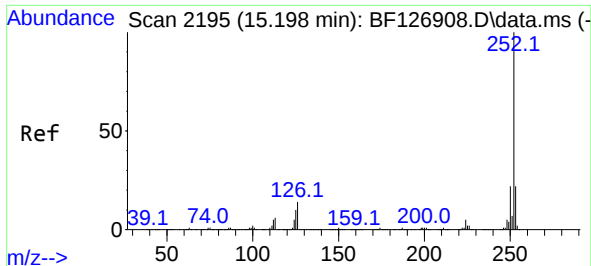


#88
Benzo(b)fluoranthene
Concen: 51.568 ng
RT: 15.168 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:252 Resp: 626216
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.0 12.4 18.6





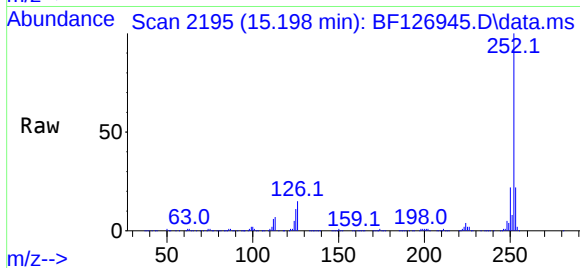
#89
Benzo(k)fluoranthene
Concen: 46.104 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

PB142765BS

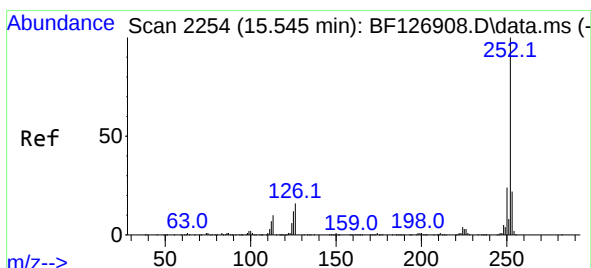
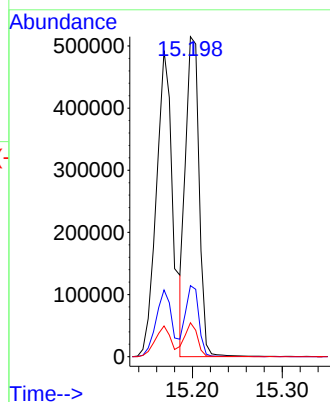
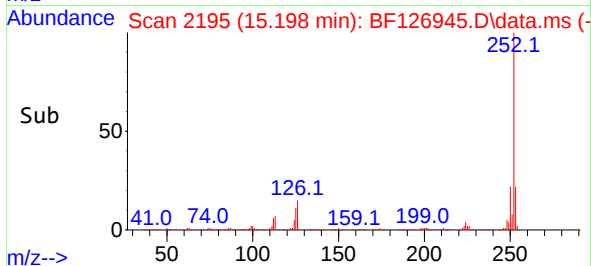


Tgt Ion:252 Resp: 54000
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 11.8 17.6

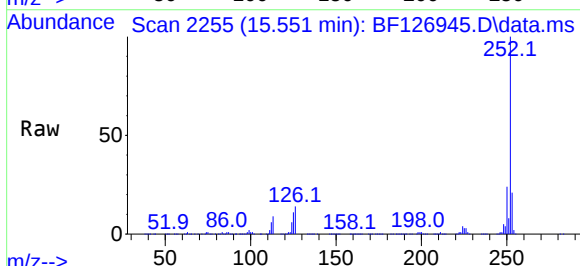
Manual Integrations

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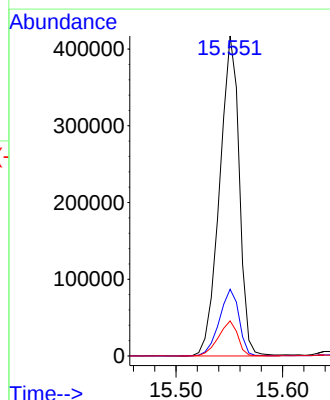
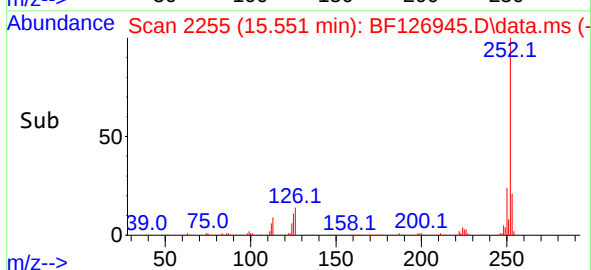
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

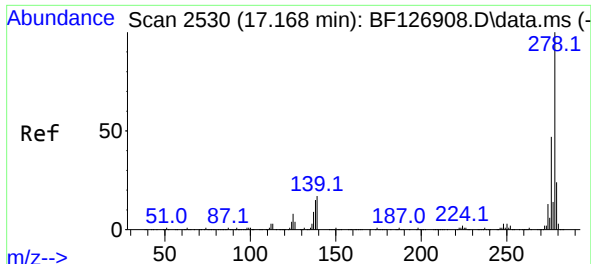


#90
Benzo(a)pyrene
Concen: 56.289 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18



Tgt Ion:252 Resp: 533919
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 11.0 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 46.953 ng
RT: 17.174 min Scan# 2531
Delta R.T. 0.006 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Instrument :

BNA_F

ClientSampleId :

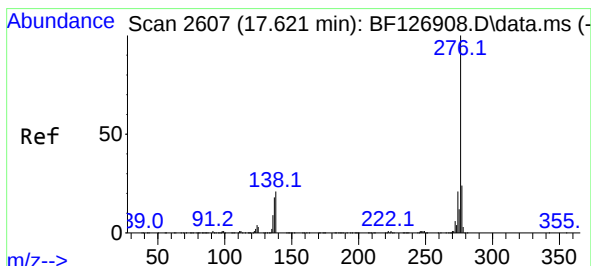
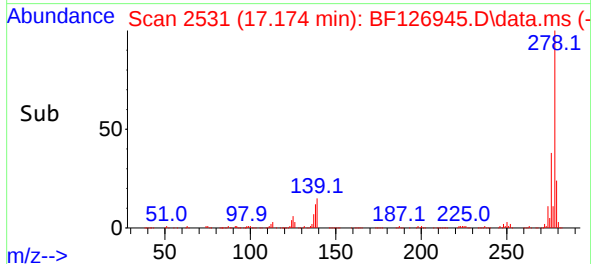
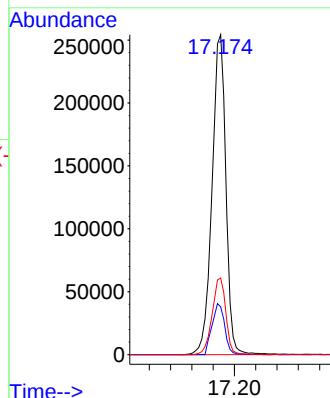
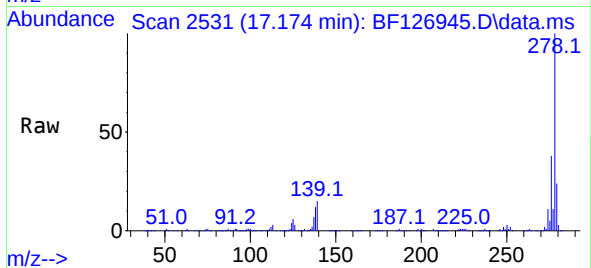
PB142765BS

Tgt Ion:278 Resp: 460384
Ion Ratio Lower Upper
278 100
139 15.0 18.0 27.0
279 23.9 18.6 27.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/21/2022



#92
Benzo(g,h,i)perylene
Concen: 46.911 ng
RT: 17.621 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF126945.D
Acq: 18 Feb 2022 11:18

Tgt Ion:276 Resp: 453470
Ion Ratio Lower Upper
276 100
277 23.4 18.5 27.7
138 20.4 25.9 38.9

